

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020741.D
 Acq On : 05 Jun 2019 17:58
 Operator : HP/JU
 Sample : PB120321BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Quant Time: Jun 06 02:17:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	300472	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1185869	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	626472	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1187022	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	957310	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1112142	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	2342480	137.14	ng	-0.01
7) Phenol-d6	6.99	99	3056459	121.52	ng	0.00
23) Nitrobenzene-d5	8.99	82	1854527	81.03	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1029940	132.69	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4159339	88.27	ng	-0.01
79) Terphenyl-d14	19.83	244	4517310	78.93	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	303554	43.405	ng	95
3) Pyridine	3.74	79	864952	38.873	ng	96
4) n-Nitrosodimethylamine	3.66	42	375265	39.124	ng	92
6) Aniline	7.16	93	1108299	30.454	ng	98
8) 2-Chlorophenol	7.39	128	991645	46.666	ng	98
9) Benzaldehyde	6.97	77	289251	16.110	ng	97
10) Phenol	7.02	94	1212819	44.745	ng	98
11) bis(2-Chloroethyl)ether	7.25	93	881865	40.825	ng	98
12) 1,3-Dichlorobenzene	7.71	146	1025049	41.972	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1051423	42.349	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1006344	41.651	ng	99
15) Benzyl Alcohol	8.06	79	868295	39.023	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1198708	35.943	ng	98
17) 2-Methylphenol	8.26	107	800188	41.983	ng	98
18) Hexachloroethane	8.89	117	380149	39.992	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	729090	36.061	ng	97
20) 3+4-Methylphenols	8.59	107	1062024	40.954	ng	96
22) Acetophenone	8.65	105	1360990	45.178	ng	# 97
24) Nitrobenzene	9.03	77	1065332	45.594	ng	98
25) Isophorone	9.55	82	1897498	41.677	ng	99
26) 2-Nitrophenol	9.73	139	471694	54.166	ng	98
27) 2,4-Dimethylphenol	9.79	122	859050	52.645	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1171922	42.572	ng	99
29) 2,4-Dichlorophenol	10.26	162	888386	49.208	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	981098	47.261	ng	99
31) Naphthalene	10.66	128	2822087	46.278	ng	100
32) Benzoic acid	9.93	122	453145	44.534	ng	99
33) 4-Chloroaniline	10.77	127	456284	16.078	ng	98
34) Hexachlorobutadiene	10.94	225	575057	46.168	ng	98
35) Caprolactam	11.56	113	220788	35.203	ng	98
36) 4-Chloro-3-methylphenol	11.89	107	892590	42.524	ng	99
37) 2-Methylnaphthalene	12.27	142	2035501	45.032	ng	99
38) 1-Methylnaphthalene	12.50	142	1922978	44.679	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1064075	51.830	ng	99

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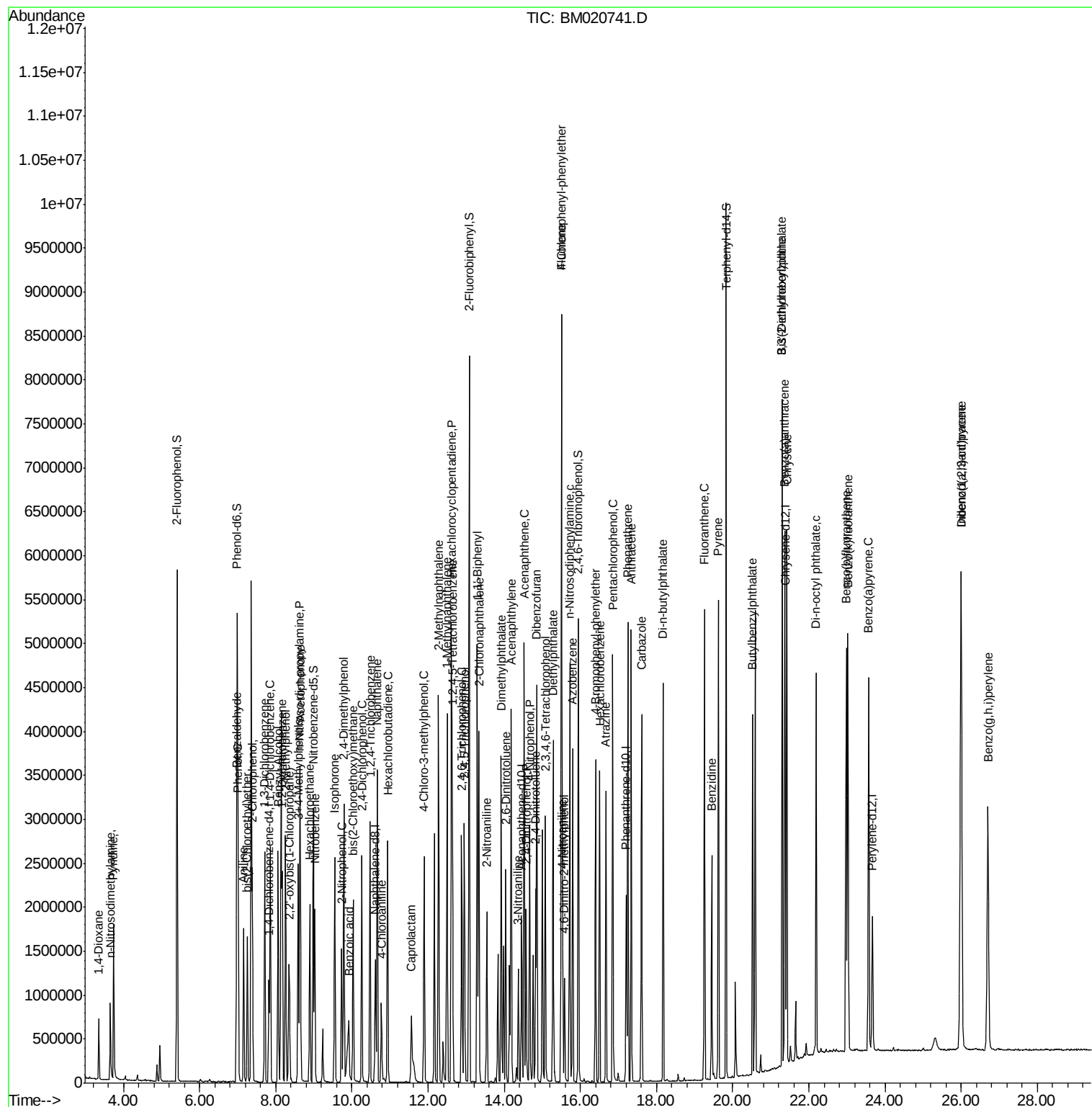
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1356581	110.484	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	666968	50.471	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	698589	51.205	ng	97
46) 1,1'-Biphenyl	13.29	154	2532002	48.394	ng	99
47) 2-Chloronaphthalene	13.33	162	1967221	46.586	ng	99
48) 2-Nitroaniline	13.54	65	535867	40.431	ng	93
49) Acenaphthylene	14.18	152	3063409	46.494	ng	100
50) Dimethylphthalate	13.92	163	2293274	42.847	ng	100
51) 2,6-Dinitrotoluene	14.04	165	494111	45.466	ng	91
52) Acenaphthene	14.52	154	1771913	45.127	ng	99
53) 3-Nitroaniline	14.37	138	298773	24.630	ng	97
54) 2,4-Dinitrophenol	14.57	184	398087	84.679	ng	90
55) Dibenzofuran	14.86	168	2765658	45.351	ng	98
56) 4-Nitrophenol	14.67	139	749596	83.858	ng	90
57) 2,4-Dinitrotoluene	14.83	165	644175	44.269	ng	92
58) Fluorene	15.51	166	2184264	43.554	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	583140	49.052	ng	97
60) Diethylphthalate	15.29	149	2227540	40.353	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1146159	43.164	ng	95
62) 4-Nitroaniline	15.53	138	452154	35.146	ng	95
63) Azobenzene	15.80	77	2089656	39.486	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	246991	46.148	ng	93
66) n-Nitrosodiphenylamine	15.72	169	1853082	48.766	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	672154	48.094	ng	95
68) Hexachlorobenzene	16.50	284	775648	47.528	ng	94
69) Atrazine	16.67	200	582324	51.346	ng	100
70) Pentachlorophenol	16.85	266	857403	110.127	ng	100
71) Phenanthrene	17.24	178	3065627	45.562	ng	100
72) Anthracene	17.34	178	3144591	46.695	ng	99
73) Carbazole	17.61	167	2638198	43.170	ng	100
74) Di-n-butylphthalate	18.17	149	3205257	40.404	ng	99
75) Fluoranthene	19.26	202	3184319	42.557	ng	99
77) Benzidine	19.45	184	1301308	44.861	ng	100
78) Pyrene	19.62	202	3212945	43.736	ng	100
80) Butylbenzylphthalate	20.52	149	1214319	39.114	ng	96
81) Benzo(a)anthracene	21.37	228	2922874	43.844	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	856789	35.097	ng	98
83) Chrysene	21.42	228	2909564	45.914	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1683531	37.312	ng	99
85) Di-n-octyl phthalate	22.19	149	2744412	38.311	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4127036	63.659	ng	98
88) Benzo(b)fluoranthene	22.98	252	3214871	43.736	ng	99
89) Benzo(k)fluoranthene	23.03	252	3107183	43.255	ng	99
90) Benzo(a)pyrene	23.57	252	3176356	47.640	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3468604	53.623	ng	98
92) Benzo(g,h,i)perylene	26.70	276	3379393	56.246	ng	98

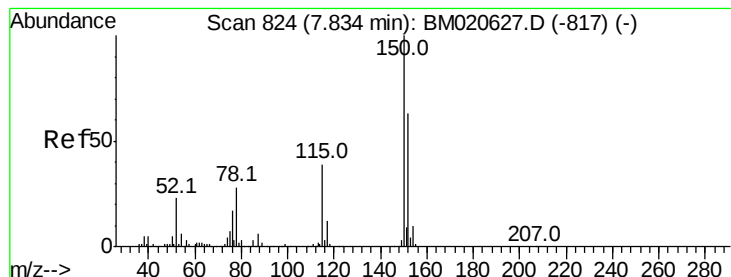
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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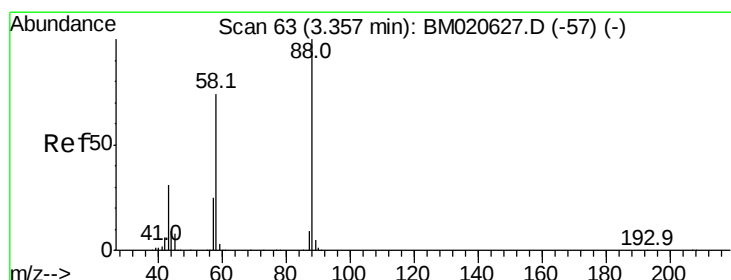
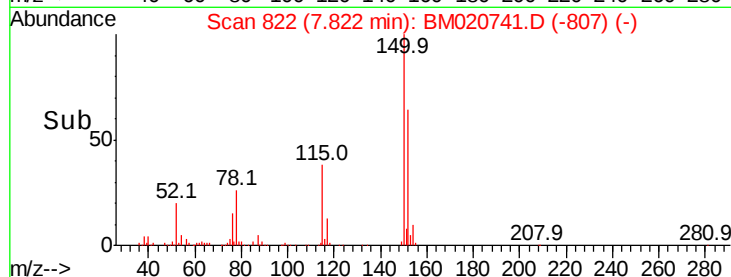
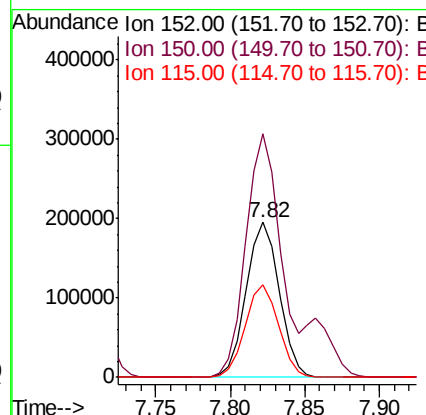
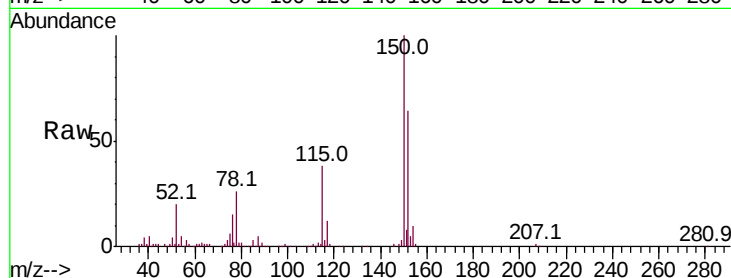


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
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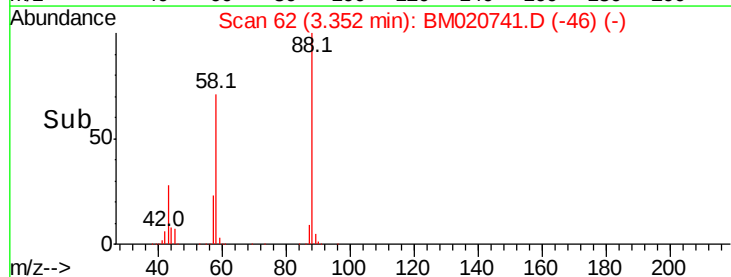
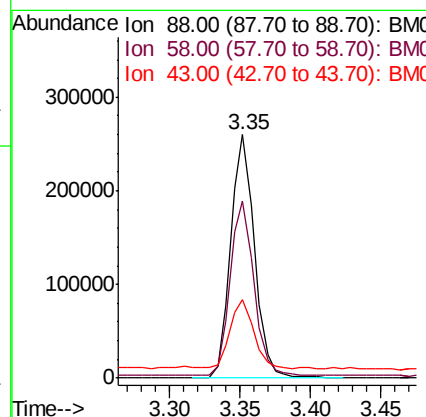
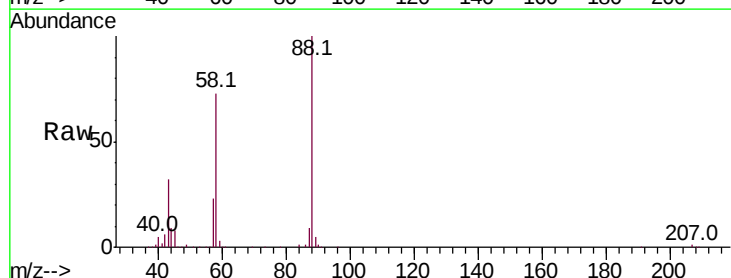
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.0	189.0
115	59.4	49.6	74.4

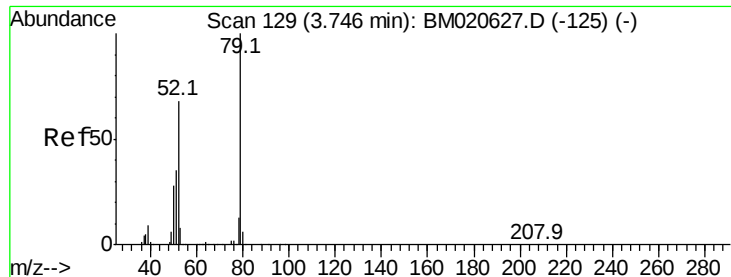


#2

1,4-Dioxane
Concen: 43.405 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	60.2	90.4
43	28.0	25.3	37.9





#3

Pvridine

Concen: 38.873 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

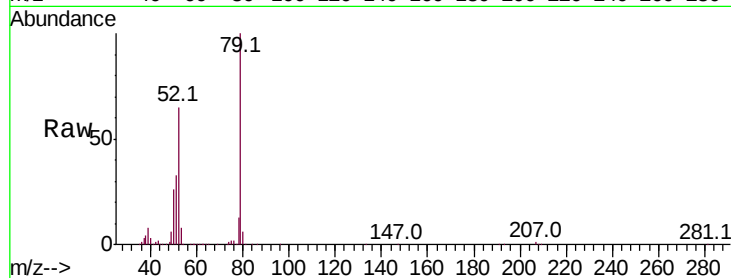
Tot Ion: 79 Resp: 864952

Ion Ratio Lower Upper

79 100

52 64.6 54.1 81.1

51 33.1 28.6 42.8

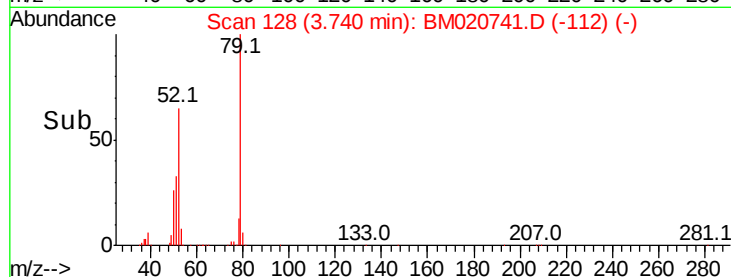


Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

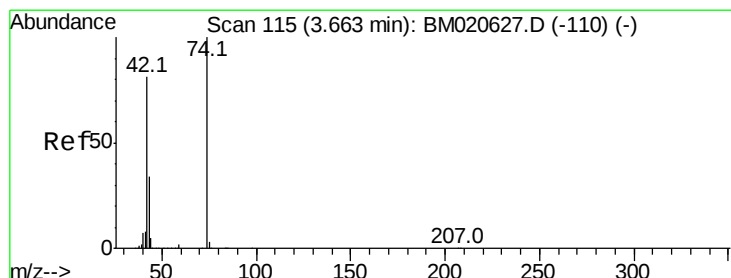
Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)

3.74



Time--> 3.60 3.70 3.80 3.90 4.00



#4

n-Nitrosodimethylamine

Concen: 39.124 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

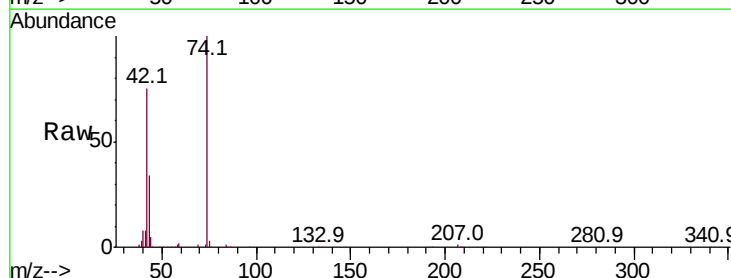
Tgt Ion: 42 Resp: 375265

Ion Ratio Lower Upper

42 100

74 133.1 99.4 149.0

44 6.8 5.8 8.8

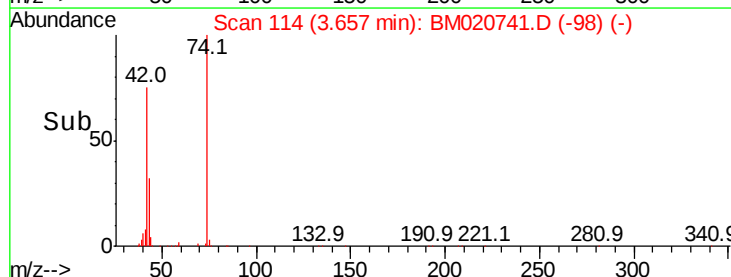


Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

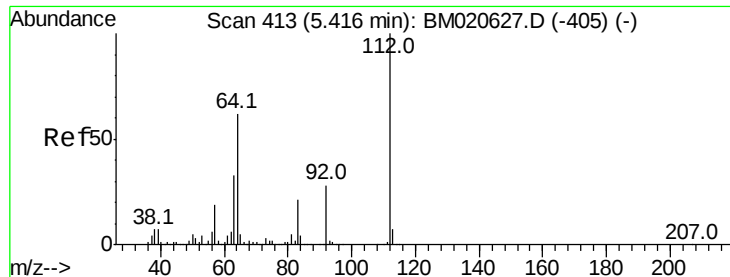
Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)

3.66



Time--> 3.60 3.70 3.80



#5

2-Fluorophenol

Concen: 137.137 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM020741.D

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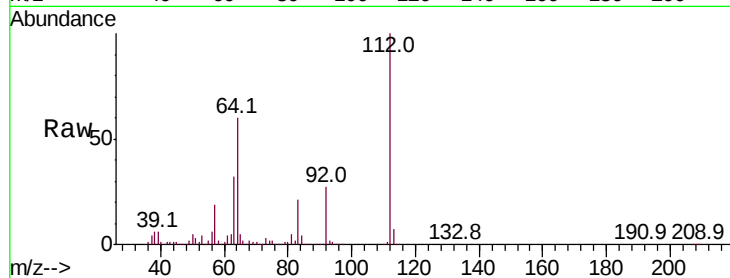
Tot Ion:112 Resp: 2342480

Ion Ratio Lower Upper

112 100

64 60.4 49.7 74.5

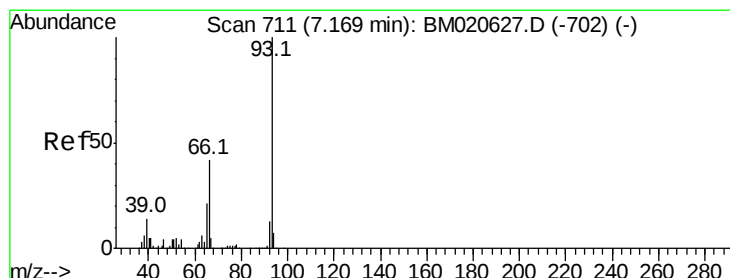
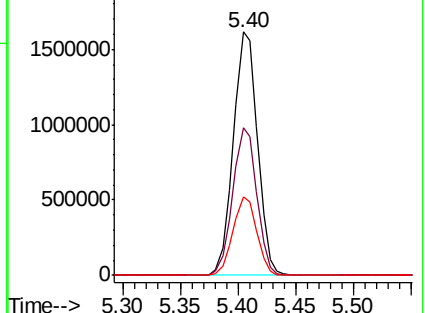
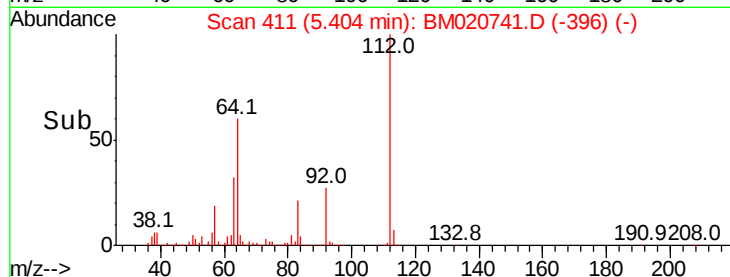
63 32.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.454 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

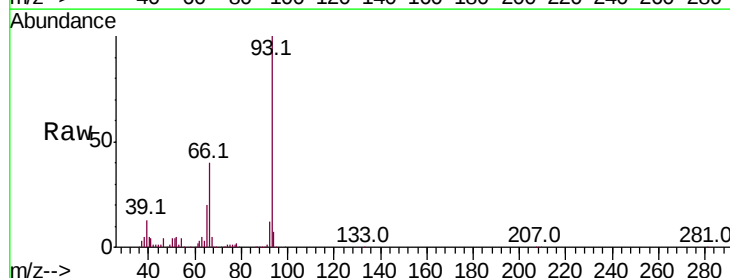
Tgt Ion: 93 Resp: 1108299

Ion Ratio Lower Upper

93 100

66 40.4 33.6 50.4

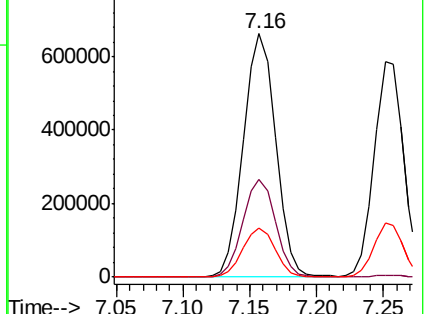
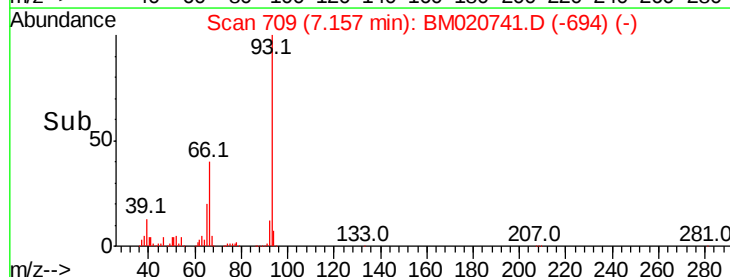
65 20.1 16.7 25.1

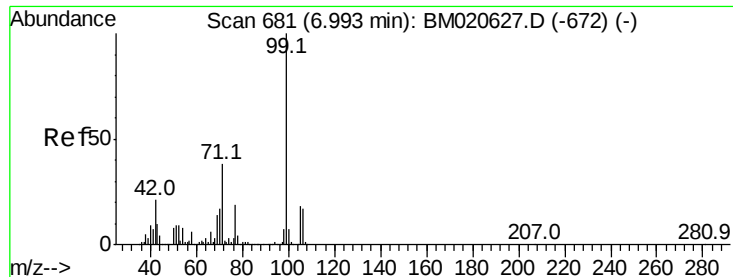


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 121.521 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

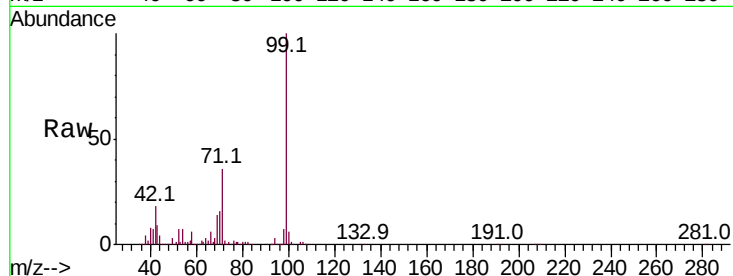
BNA_M

ClientSampleId :

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Tot Ion: 99 Resp: 3056459

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.5	24.7
71	36.3	30.7	46.1

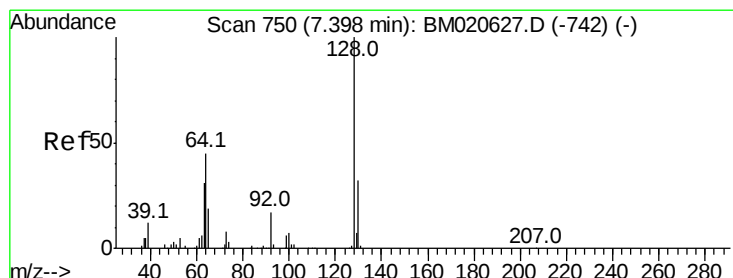
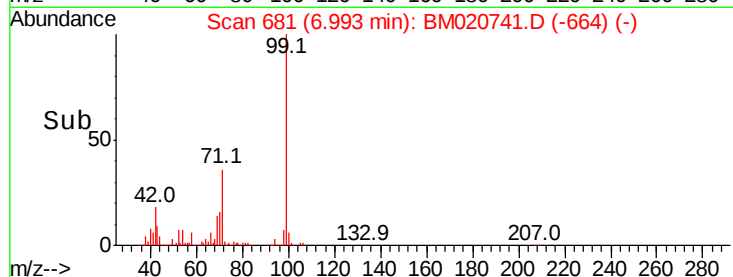
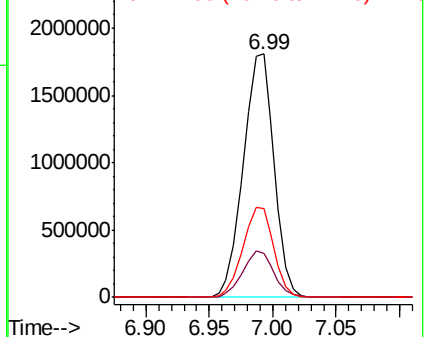


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 46.666 ng

RT: 7.39 min Scan# 748

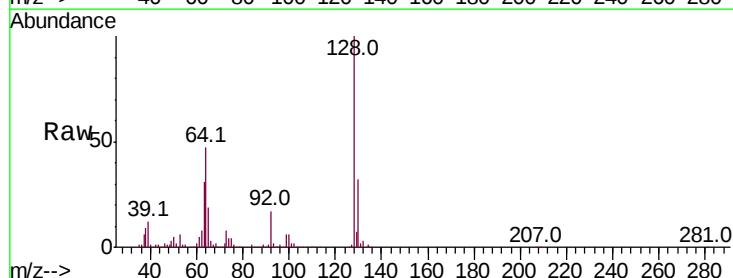
Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion: 128 Resp: 991645

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	47.3	29.1	69.1

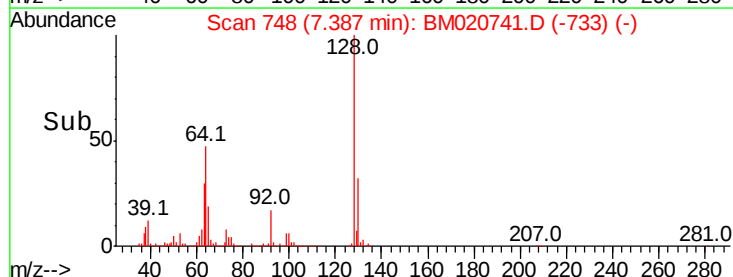
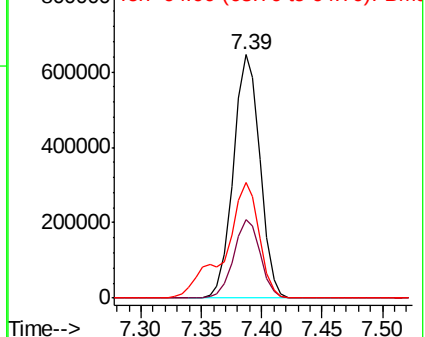


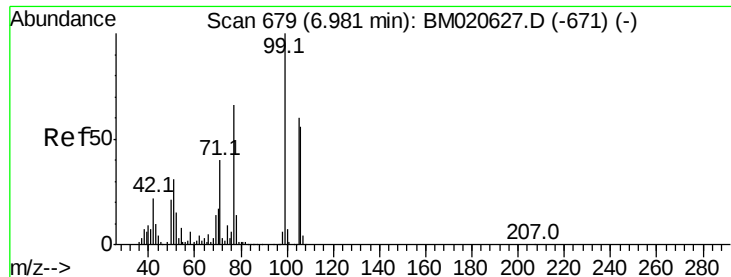
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 16.110 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

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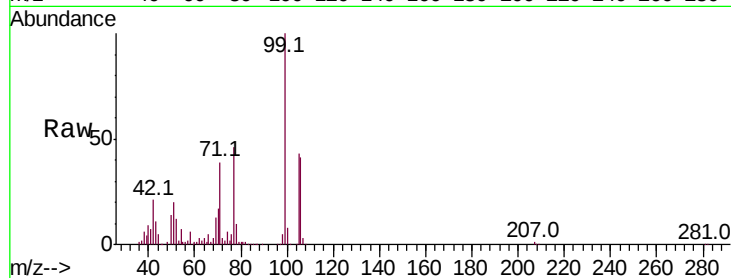
Tot Ion: 77 Resp: 289251

Ion Ratio Lower Upper

77 100

105 93.2 70.6 110.6

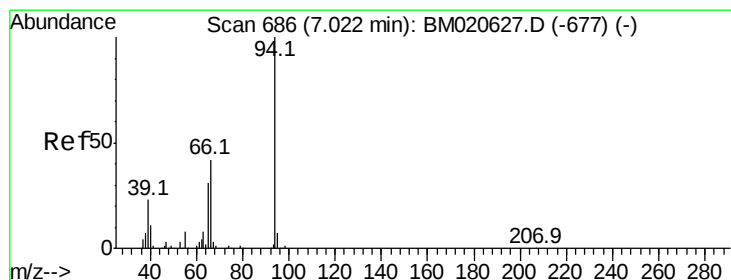
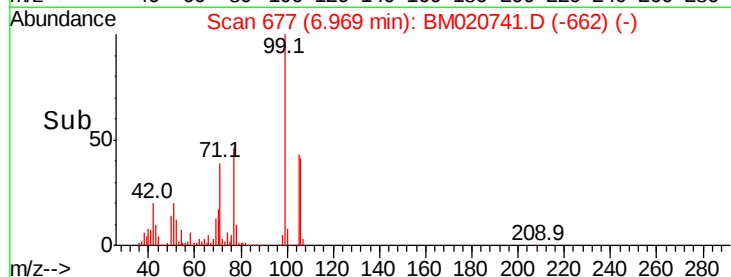
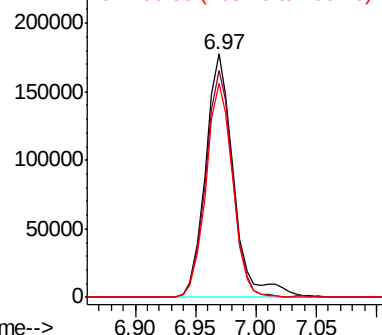
106 88.1 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020741.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020741.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020741.D (-662) (-)



#10

Phenol

Concen: 44.745 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

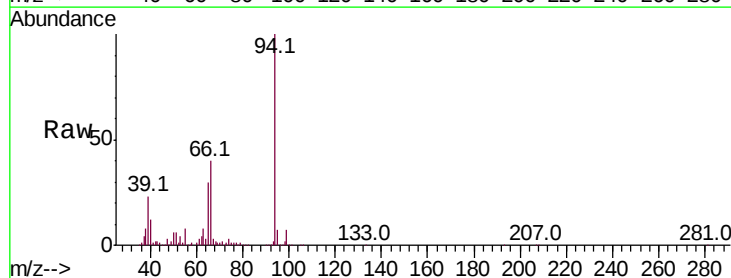
Tgt Ion: 94 Resp: 1212819

Ion Ratio Lower Upper

94 100

65 29.9 10.7 50.7

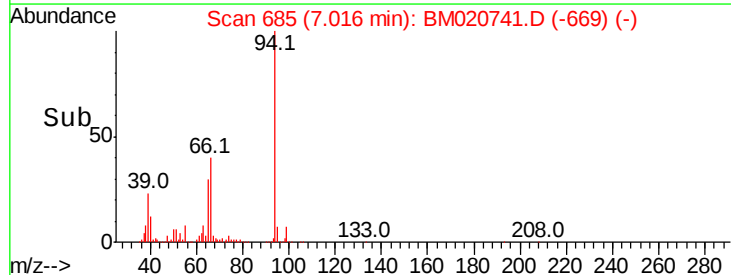
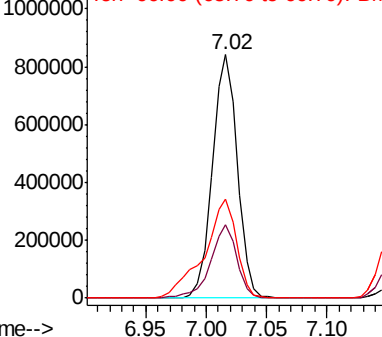
66 40.4 22.3 62.3

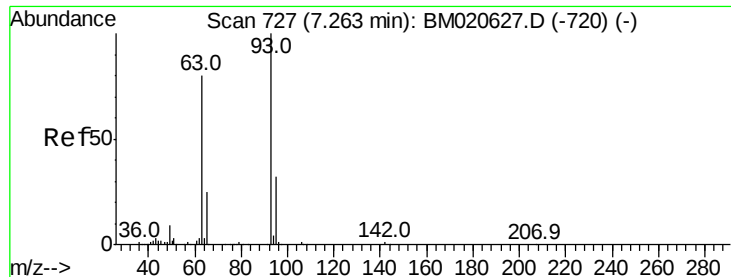


Abundance Ion 94.00 (93.70 to 94.70): BM020741.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020741.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020741.D (-669) (-)

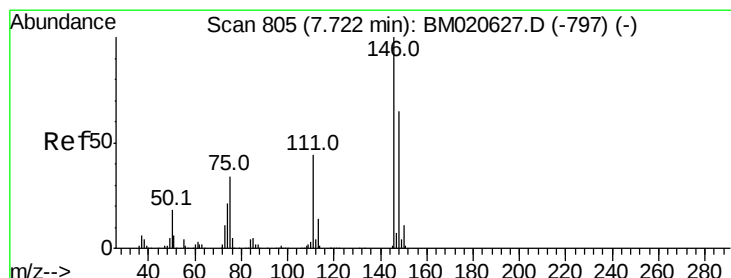
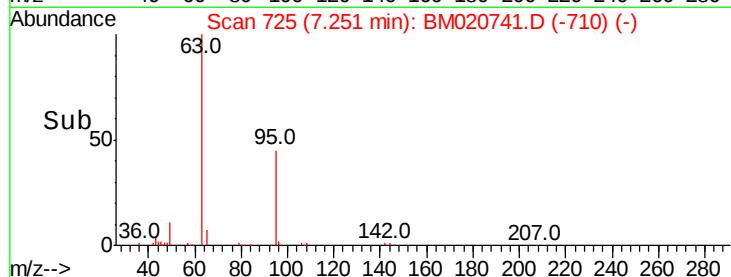
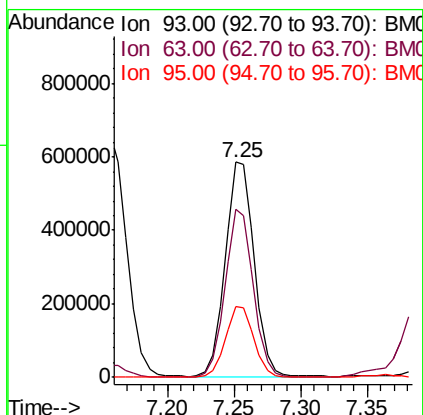
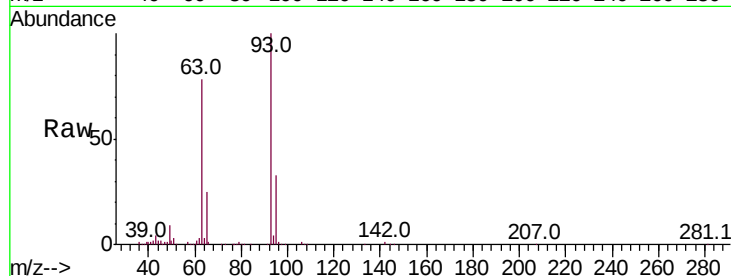




#11
bis(2-Chloroethyl)ether
Concen: 40.825 ng
RT: 7.25 min Scan# 725
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

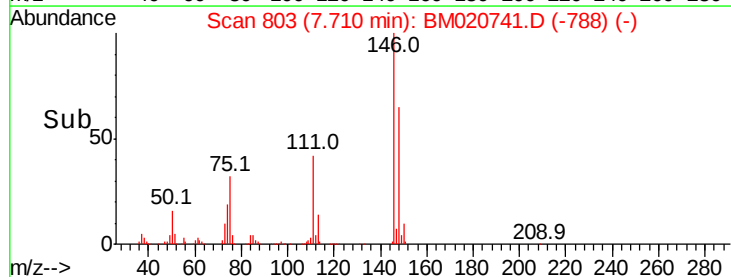
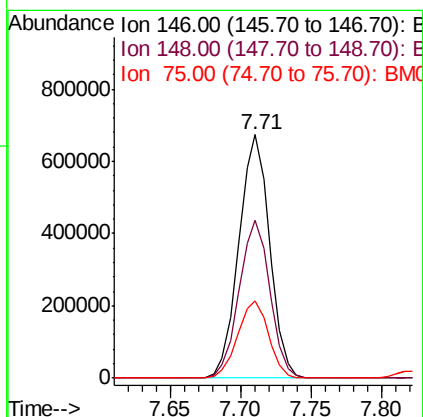
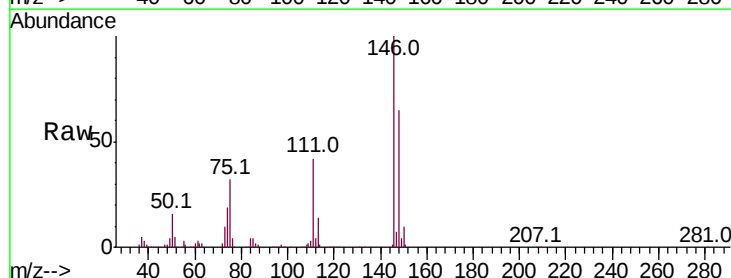
Instrument :
BNA_M
ClientSampleId :
PB120321BS

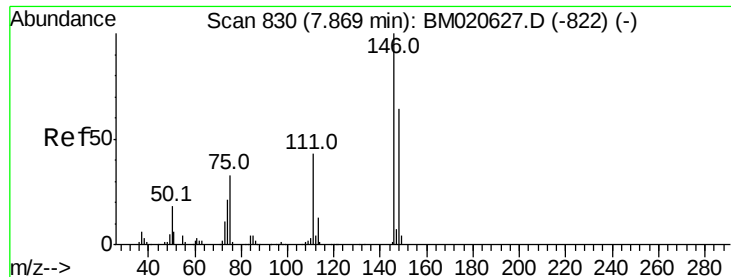
Tot Ion: 93 Resp: 881865
Ion Ratio Lower Upper
93 100
63 78.4 60.0 100.0
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.972 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion: 146 Resp: 1025049
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
75 31.9 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 42.349 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

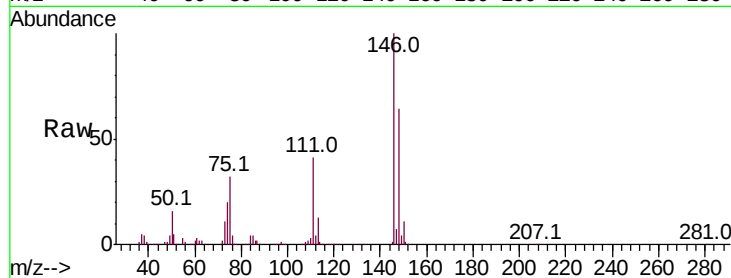
Tot Ion:146 Resp: 1051423

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

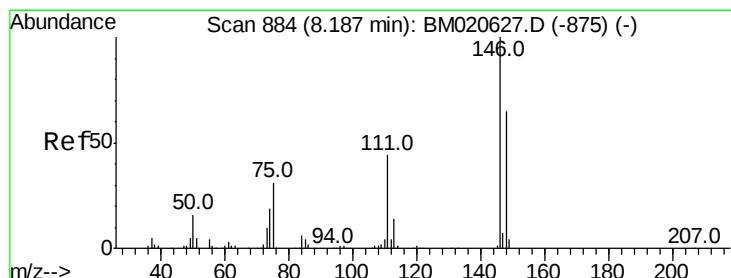
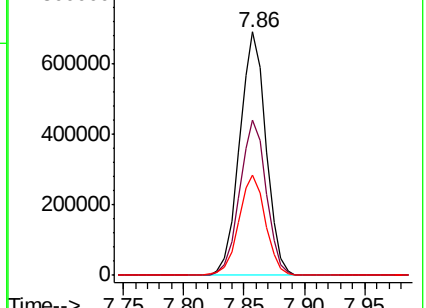
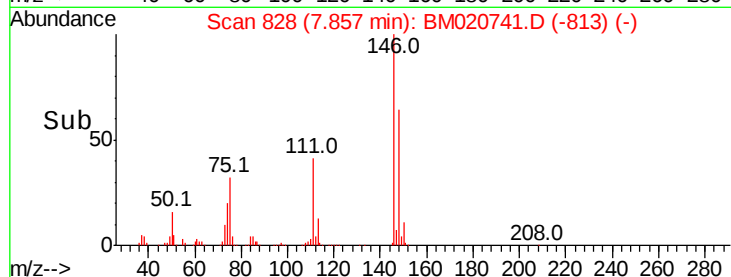
111 41.0 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.651 ng

RT: 8.17 min Scan# 881

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

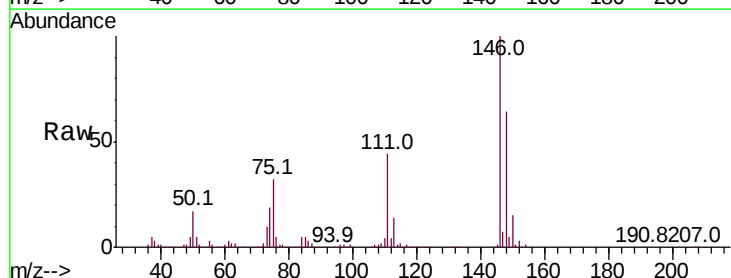
Tgt Ion:146 Resp: 1006344

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

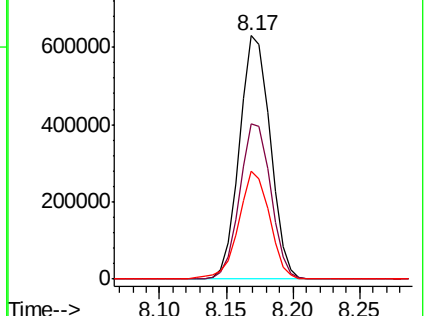
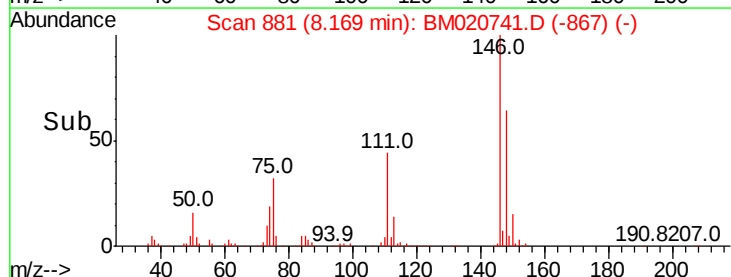
111 44.3 35.1 52.7

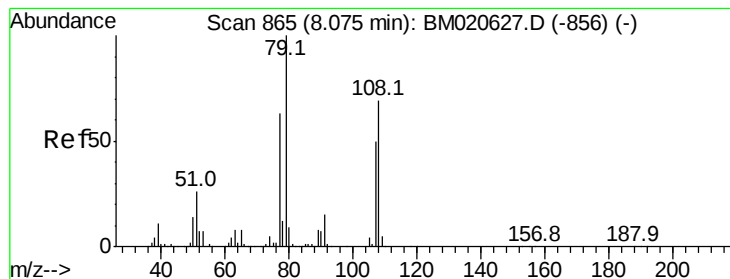


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.023 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

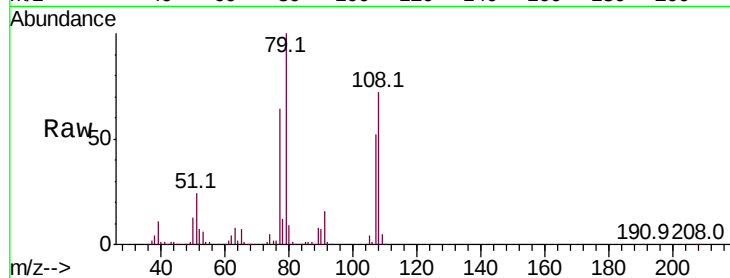
Tot Ion: 79 Resp: 868295

Ion Ratio Lower Upper

79 100

108 72.3 54.9 82.3

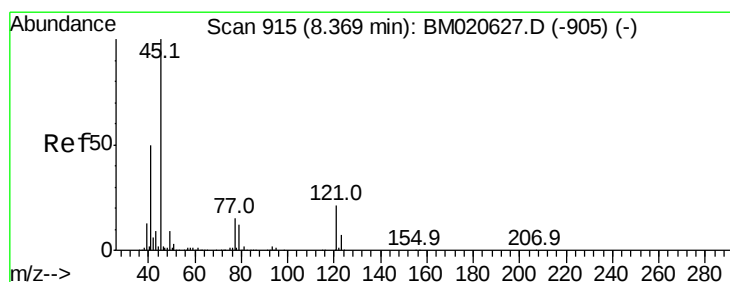
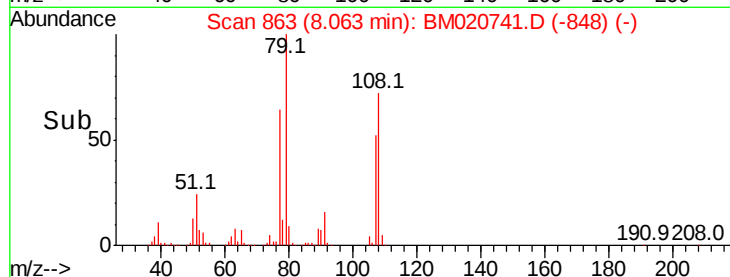
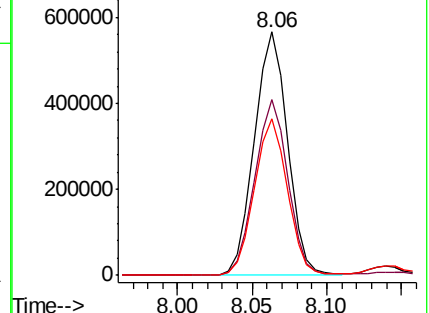
77 64.1 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-856) (-)

Ion 108.00 (107.70 to 108.70): BM020627.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-856) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.943 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

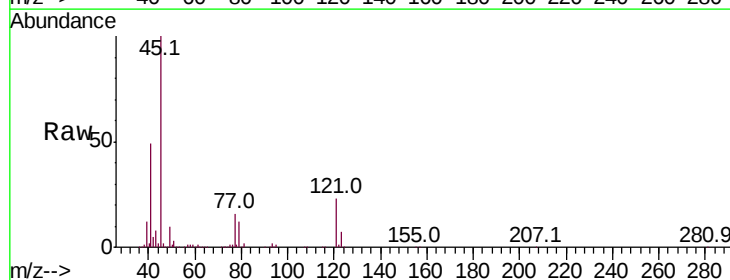
Tgt Ion: 45 Resp: 1198708

Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.9

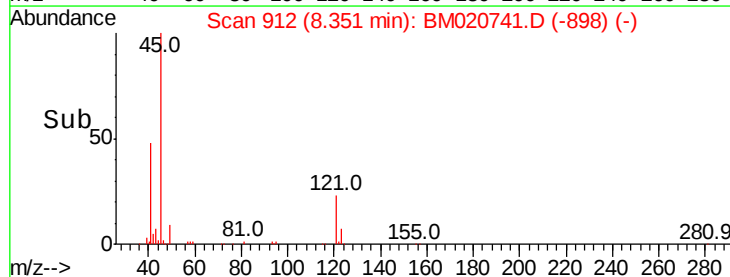
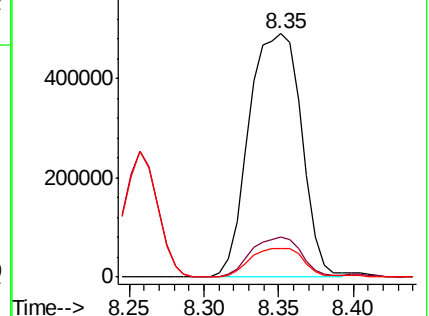
79 11.9 0.0 31.8

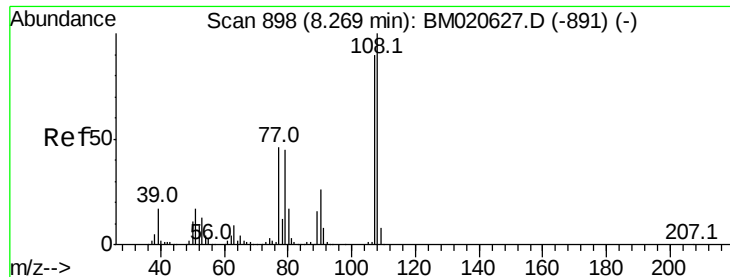


Abundance Ion 45.00 (44.70 to 45.70): BM020627.D (-905) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-905) (-)

Ion 79.00 (78.70 to 79.70): BM020627.D (-905) (-)

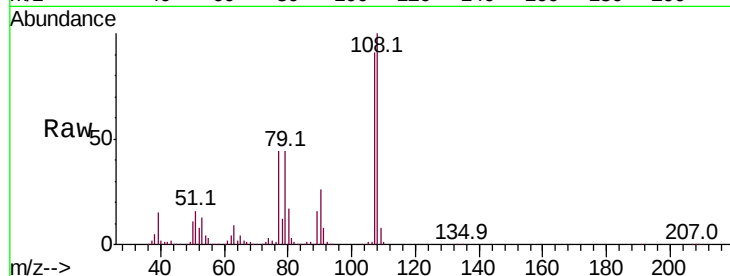




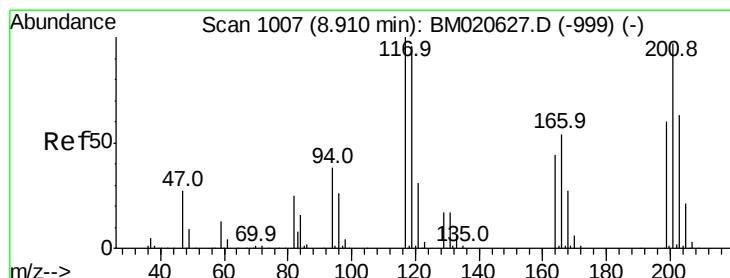
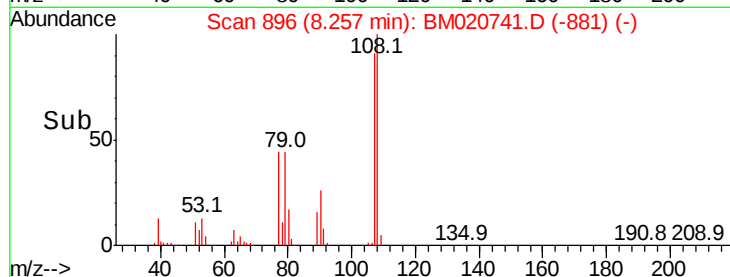
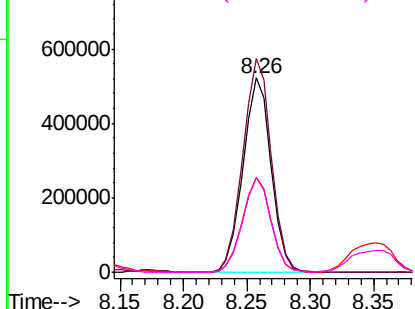
#17
2-Methylphenol
Concen: 41.983 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:107 Resp: 800188
Ion Ratio Lower Upper
107 100
108 110.1 88.6 133.0
77 48.7 40.6 61.0
79 48.6 39.9 59.9

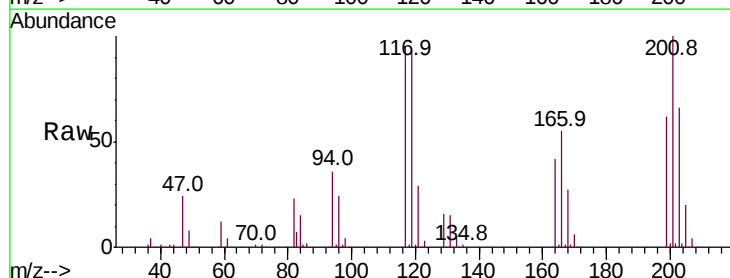


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

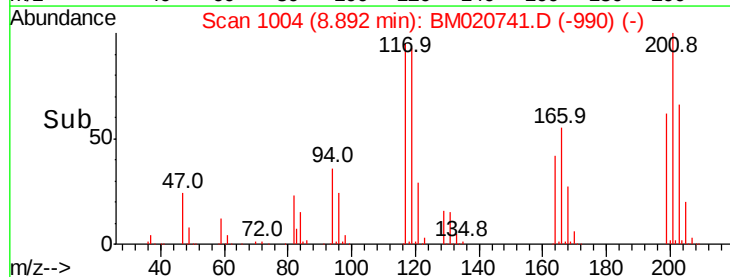
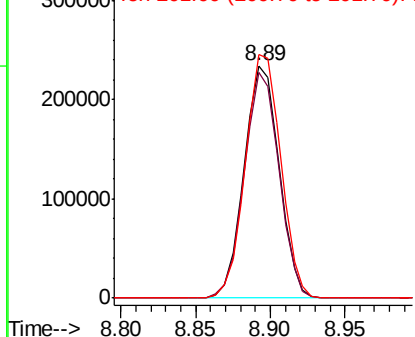


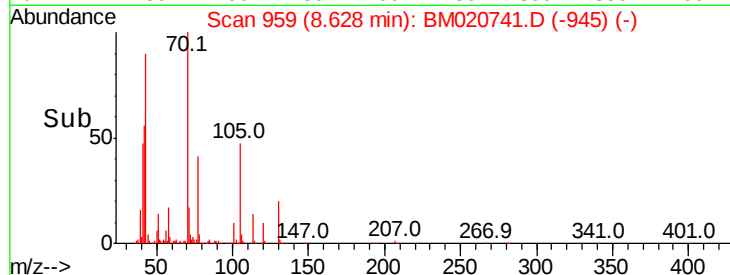
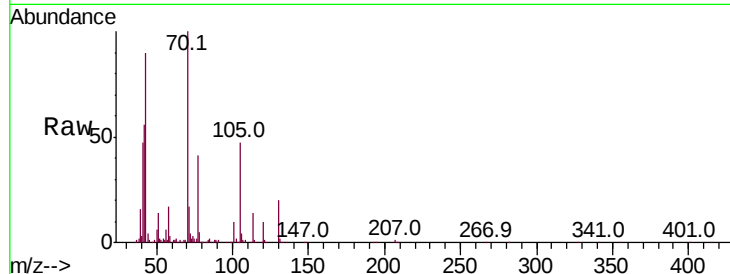
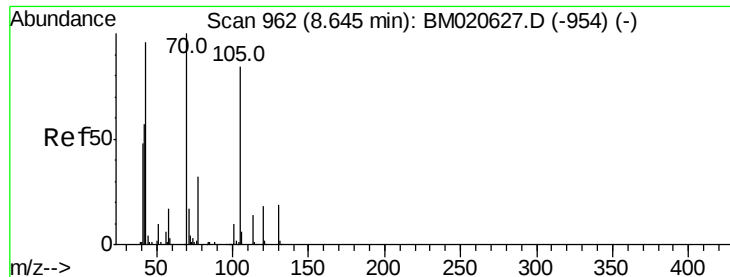
#18
Hexachloroethane
Concen: 39.992 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:117 Resp: 380149
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1
201 104.9 77.9 116.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

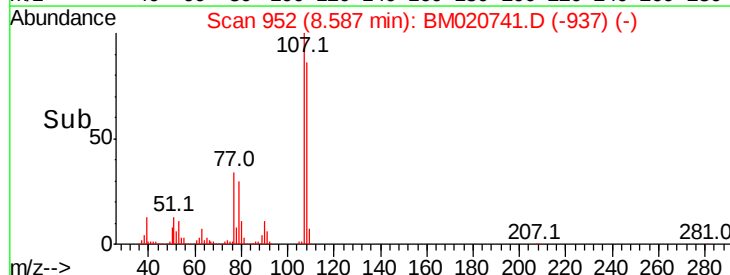
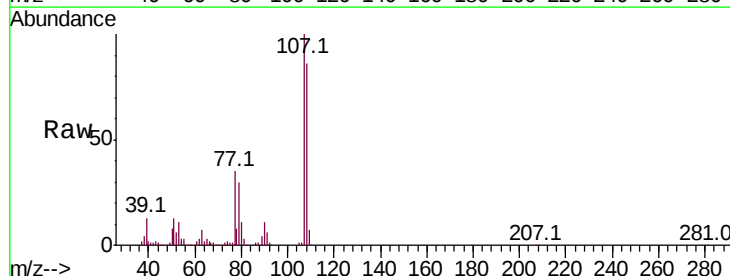
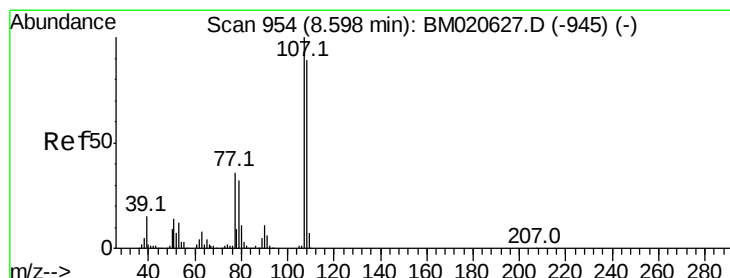
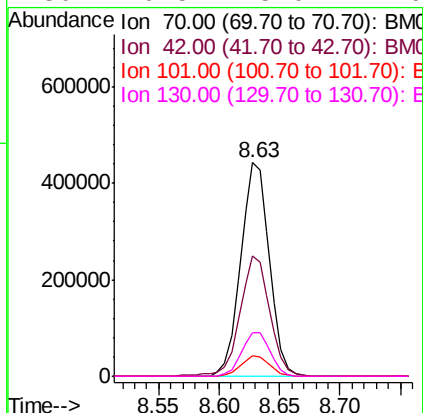




#19
n-Nitroso-di-n-propylamine
Concen: 36.061 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

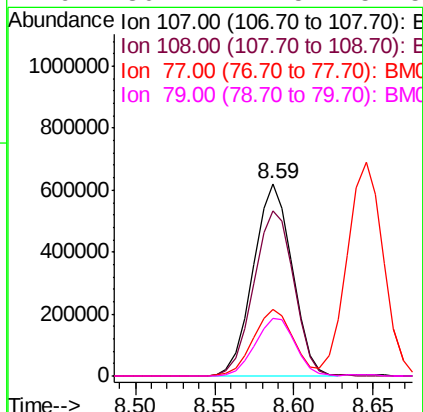
Instrument :
BNA_M
ClientSampleId :
PB120321BS

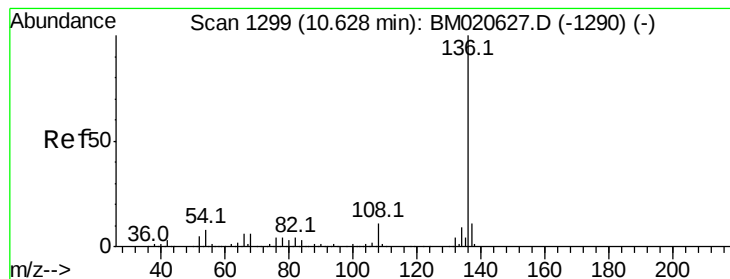
Tot Ion:	70	Resp:	729090
Ion	Ratio	Lower	Upper
70	100		
42	56.5	46.8	70.2
101	9.8	7.8	11.6
130	20.5	15.0	22.6



#20
3+4-Methylphenols
Concen: 40.954 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:	107	Resp:	1062024
Ion	Ratio	Lower	Upper
107	100		
108	85.7	69.2	109.2
77	34.5	16.2	56.2
79	30.1	12.5	52.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion:136 Resp: 1185869

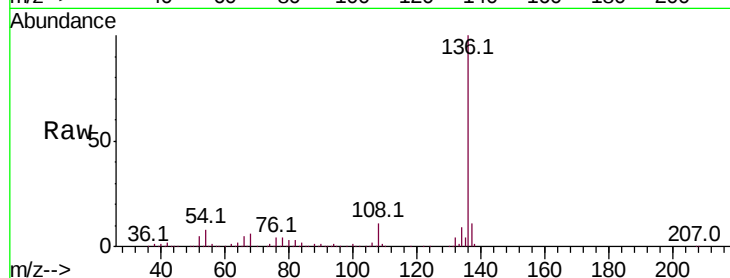
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.6	10.0
68	6.2	5.1	7.7

136 100

137 10.9 8.8 13.2

54 7.6 6.6 10.0

68 6.2 5.1 7.7



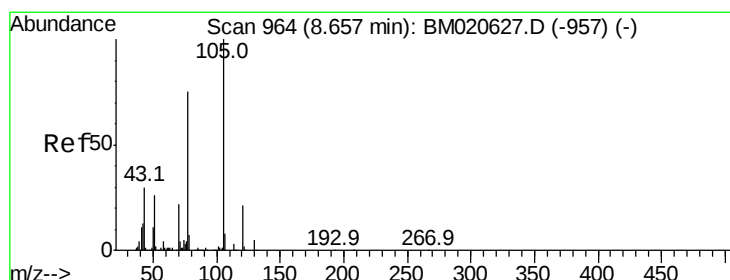
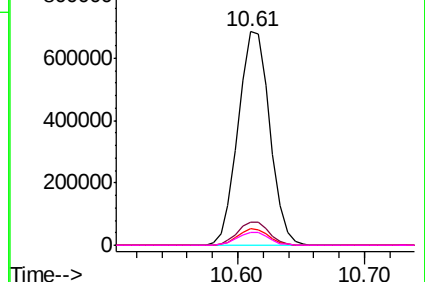
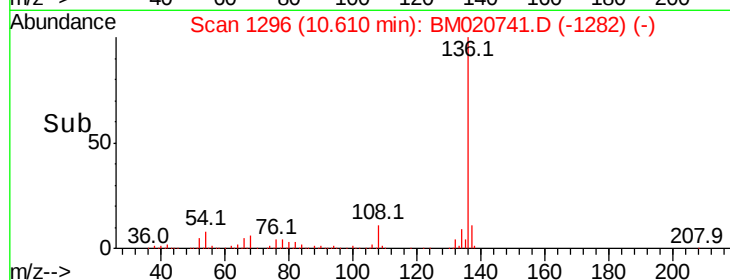
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 45.178 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:105 Resp: 1360990

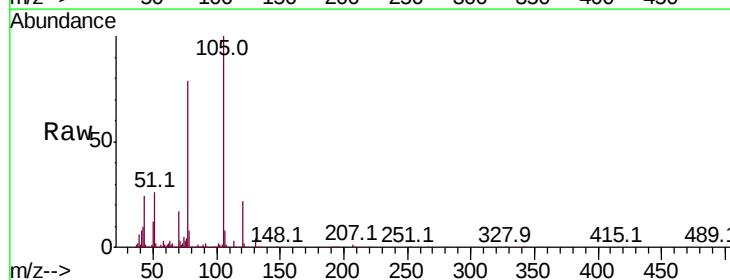
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.2	4.8#
51	25.8	22.8	34.2
120	21.7	17.0	25.4

105 100

71 2.7 3.2 4.8#

51 25.8 22.8 34.2

120 21.7 17.0 25.4



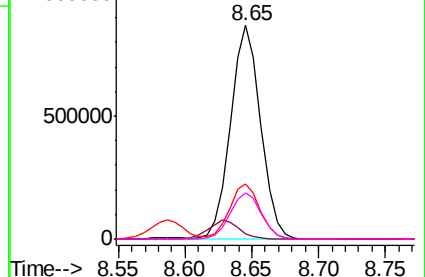
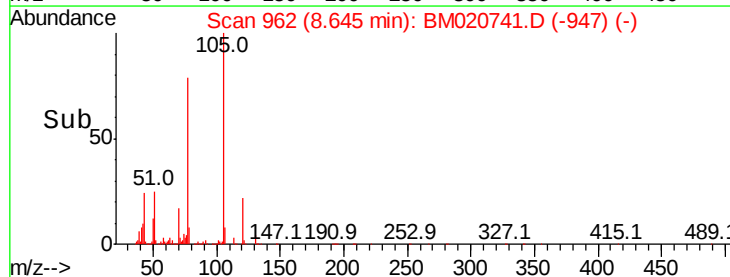
Abundance

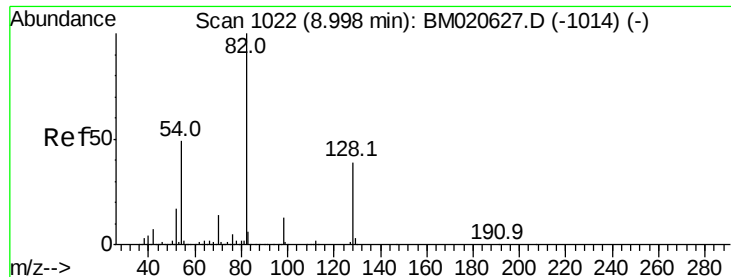
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

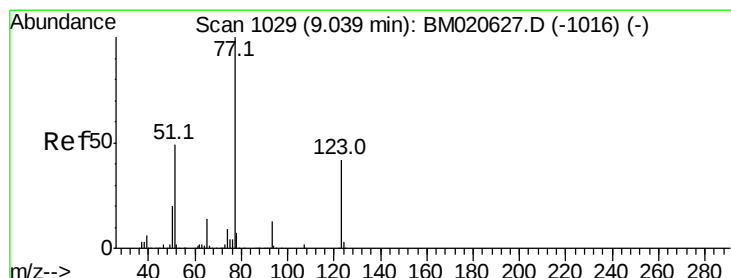
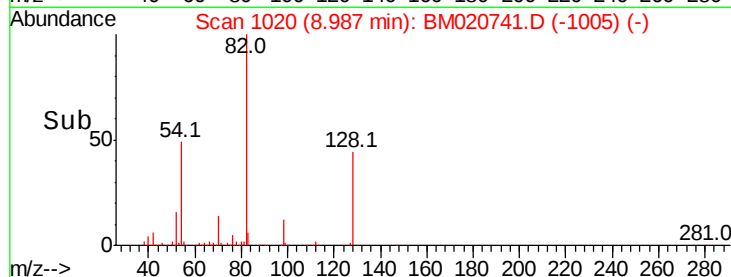
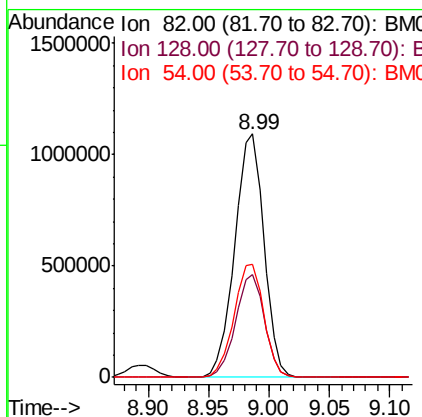
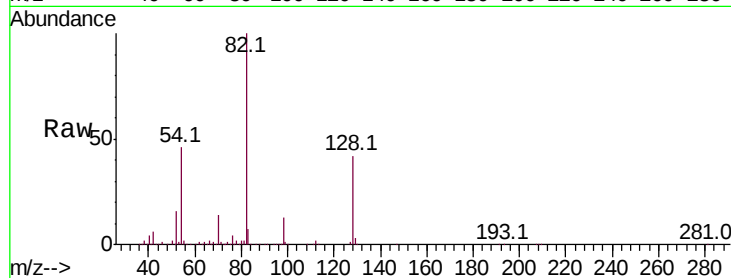




#23
 Nitrobenzene-d5
 Concen: 81.026 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

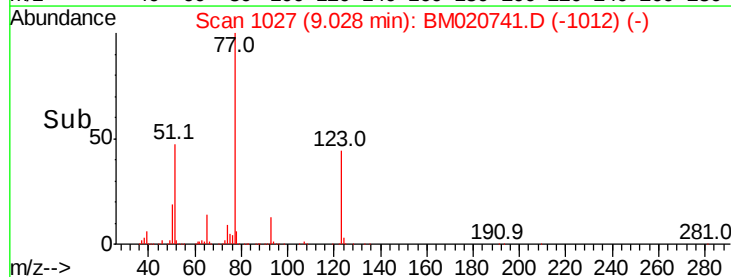
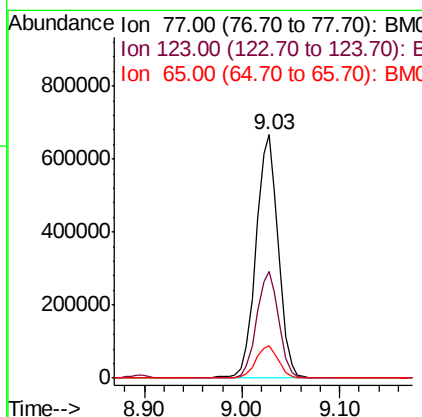
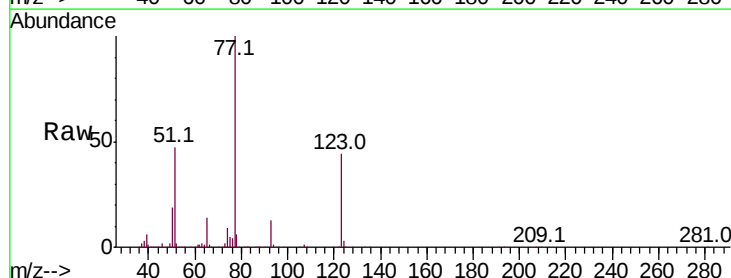
Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

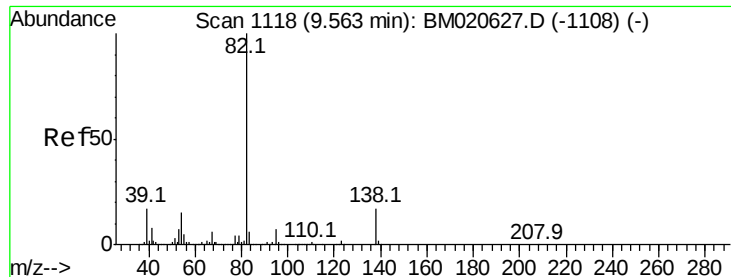
Tot Ion: 82 Resp: 1854527
 Ion Ratio Lower Upper
 82 100
 128 42.2 31.5 47.3
 54 46.4 39.4 59.0



#24
 Nitrobenzene
 Concen: 45.594 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion: 77 Resp: 1065332
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.7 50.5
 65 13.5 11.0 16.6





#25

Isophorone

Concen: 41.677 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

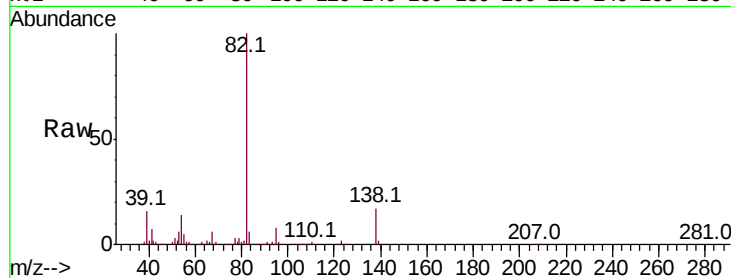
Tot Ion: 82 Resp: 1897498

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

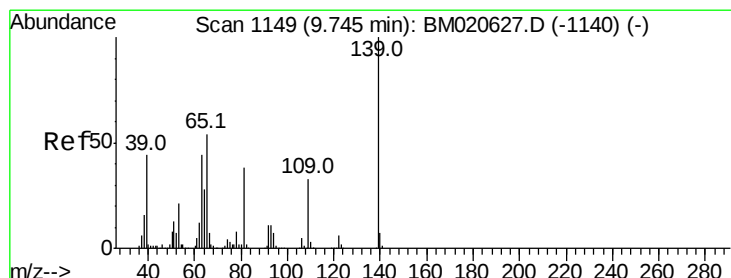
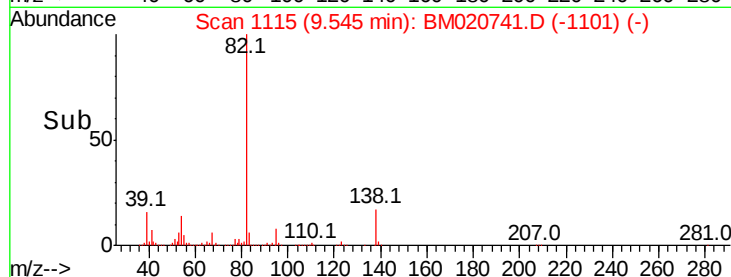
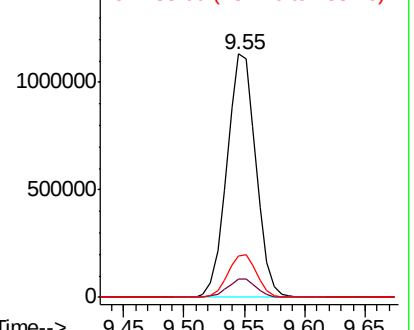
138 16.8 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020741.D (-1115) (-)

Ion 95.00 (94.70 to 95.70): BM020741.D (-1115) (-)

Ion 138.00 (137.70 to 138.70): BM020741.D (-1115) (-)



#26

2-Nitrophenol

Concen: 54.166 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

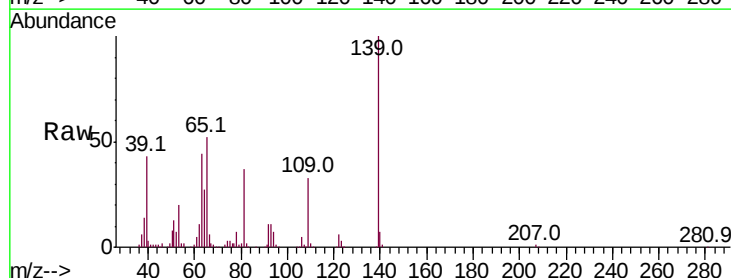
Tgt Ion: 139 Resp: 471694

Ion Ratio Lower Upper

139 100

109 32.7 26.1 39.1

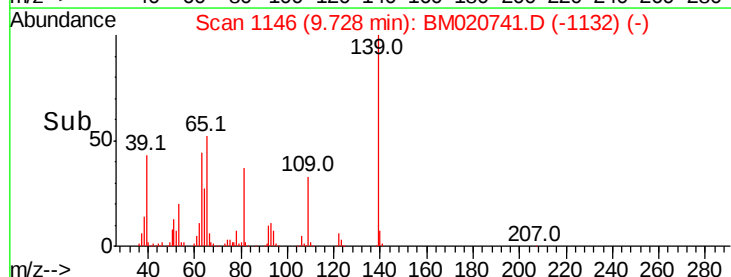
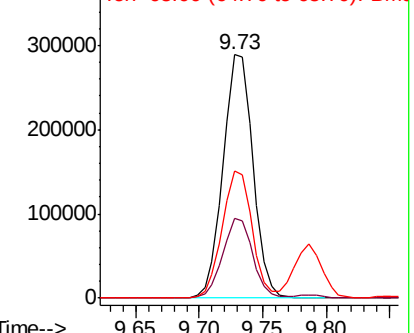
65 52.4 43.4 65.0

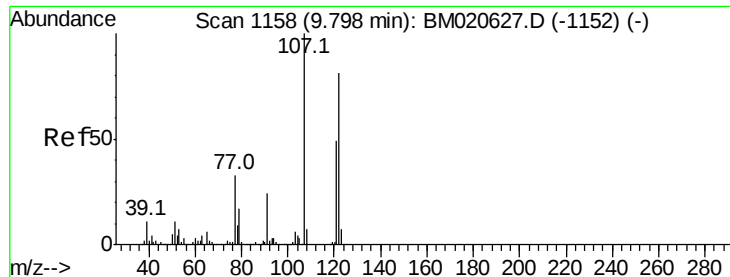


Abundance Ion 139.00 (138.70 to 139.70): BM020741.D (-1146) (-)

Ion 109.00 (108.70 to 109.70): BM020741.D (-1146) (-)

Ion 65.00 (64.70 to 65.70): BM020741.D (-1146) (-)

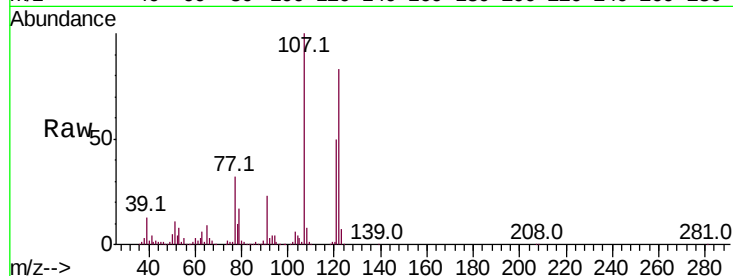




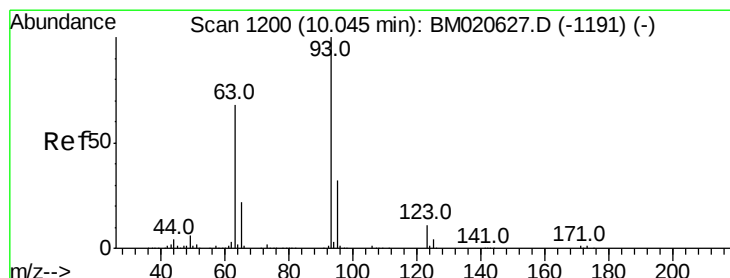
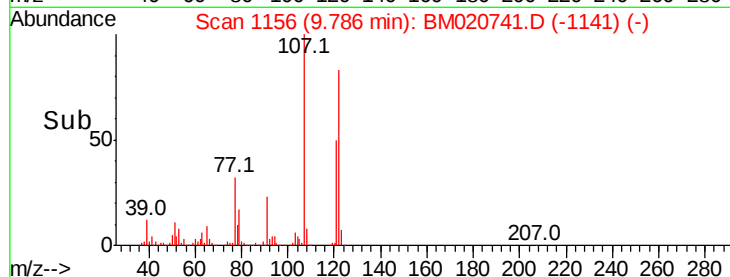
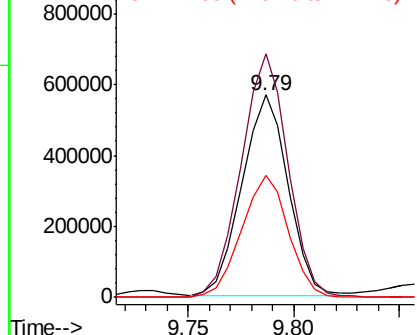
#27
2,4-Dimethylphenol
Concen: 52.645 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:122 Resp: 859050
Ion Ratio Lower Upper
122 100
107 120.4 98.0 147.0
121 60.3 48.2 72.4

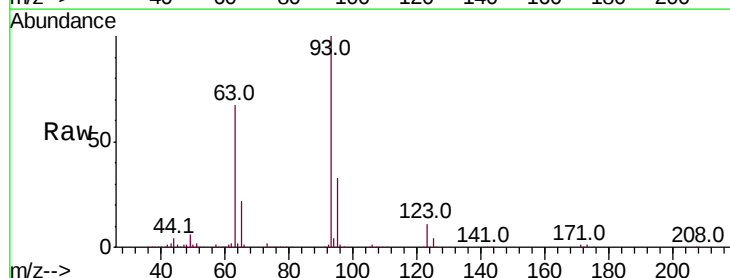


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

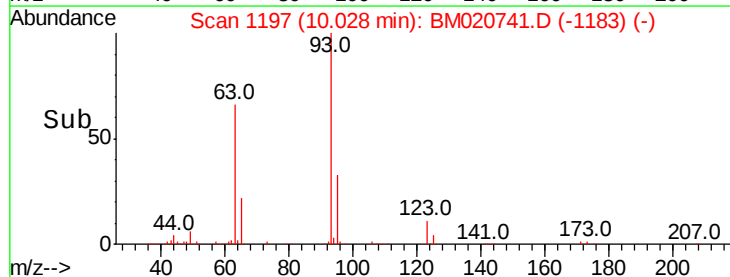
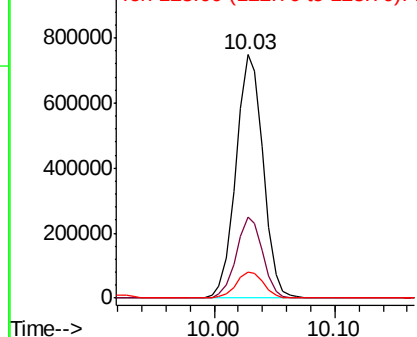


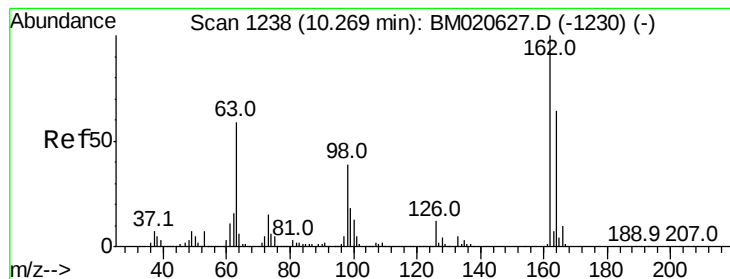
#28
bis(2-Chloroethoxy)methane
Concen: 42.572 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion: 93 Resp: 1171922
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 10.9 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.208 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

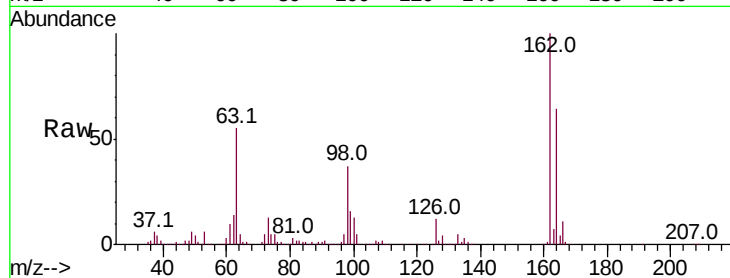
Tot Ion:162 Resp: 888386

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

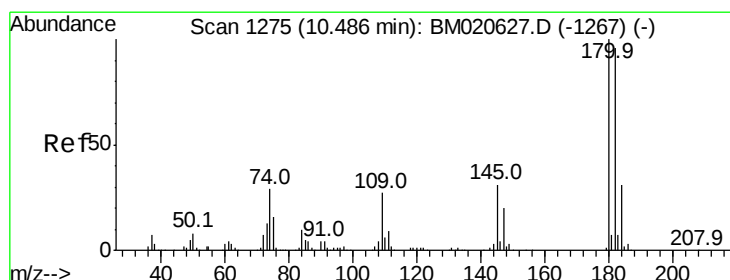
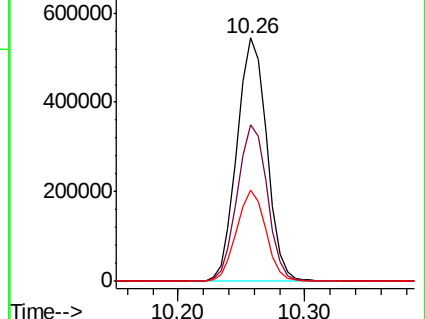
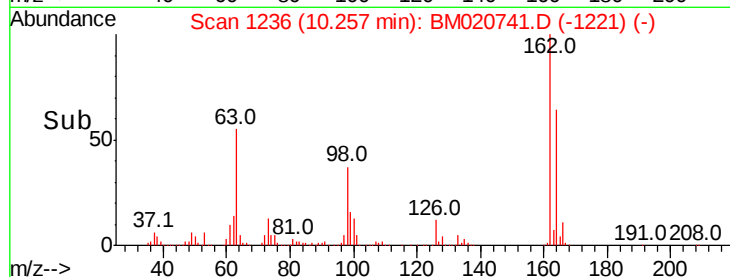
98 37.4 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 47.261 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

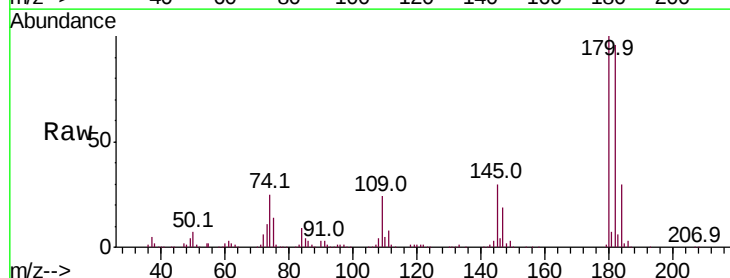
Tgt Ion:180 Resp: 981098

Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.6

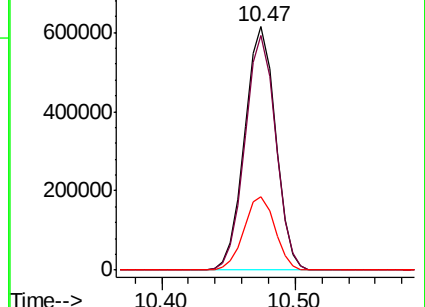
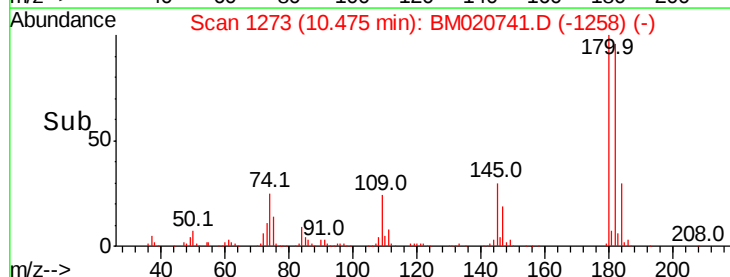
145 30.1 25.0 37.4

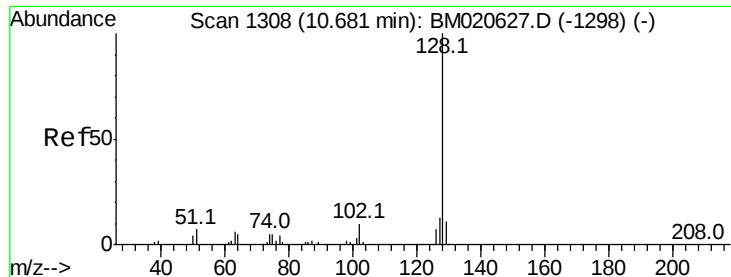


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

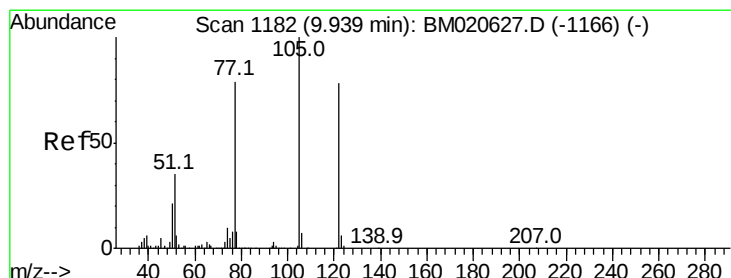
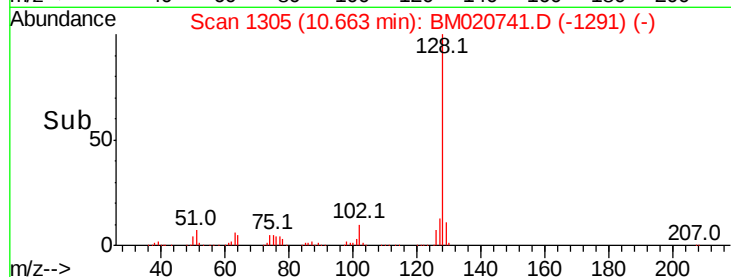
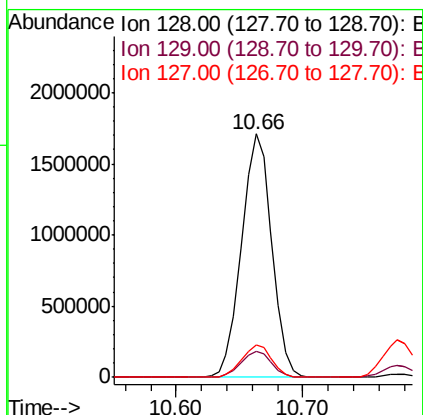
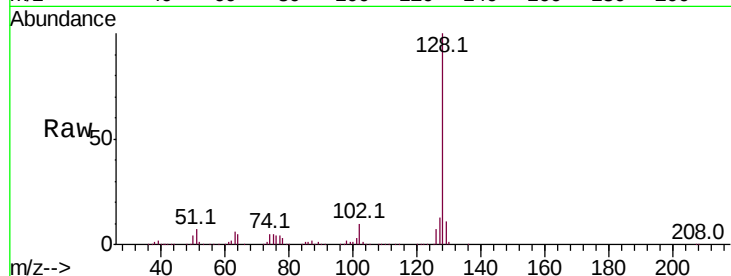




#31
Naphthalene
Concen: 46.278 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

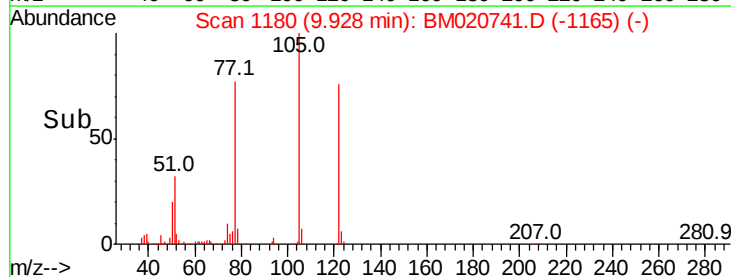
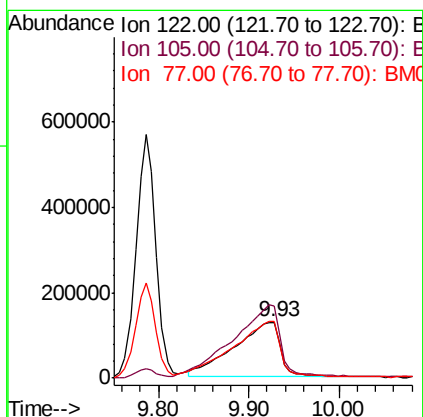
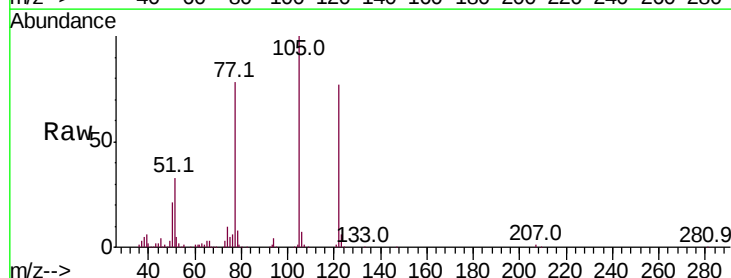
Instrument :
BNA_M
ClientSampleId :
PB120321BS

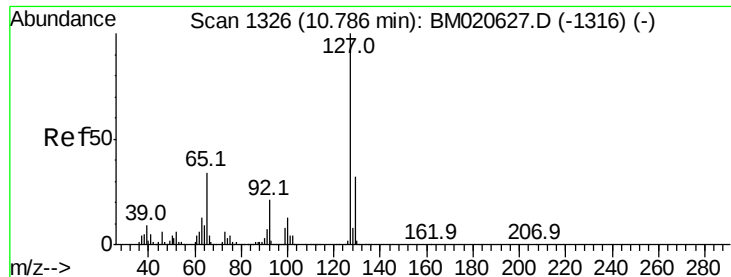
Tot Ion:128 Resp: 2822087
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 44.534 ng
RT: 9.93 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:122 Resp: 453145
Ion Ratio Lower Upper
122 100
105 129.2 107.0 147.0
77 101.1 80.9 120.9

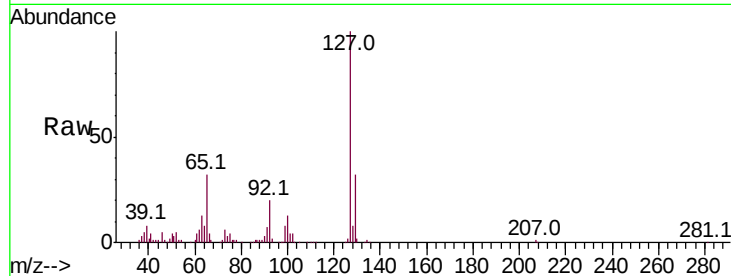




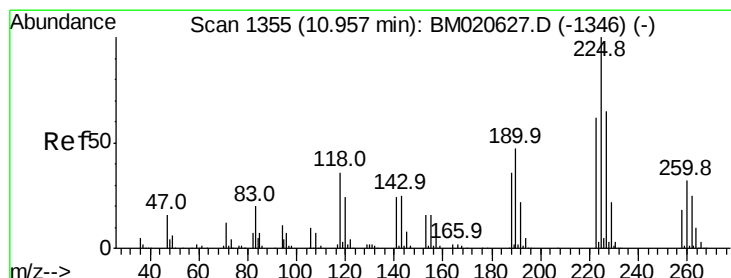
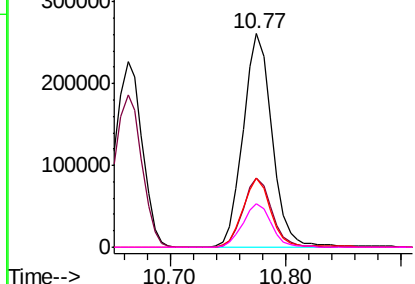
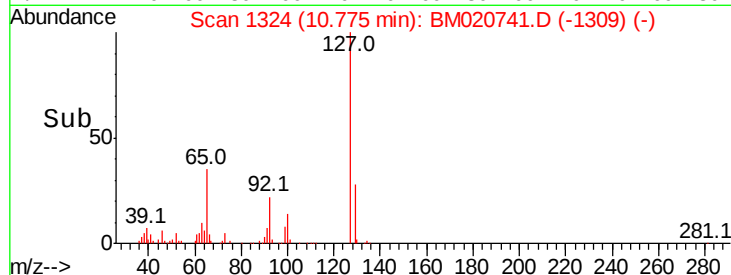
#33
4-Chloroaniline
Concen: 16.078 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:	127	Resp:	456284
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	32.3	27.4	41.0
92	20.4	17.0	25.6

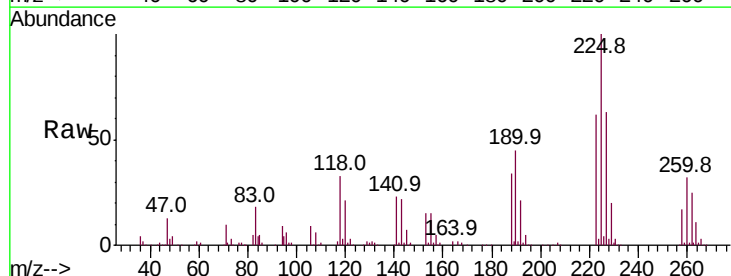


Abundance Ion 127.00 (126.70 to 127.70): E
400000 Ion 129.00 (128.70 to 129.70): E
300000 Ion 65.00 (64.70 to 65.70): BM
200000 Ion 92.00 (91.70 to 92.70): BM
100000

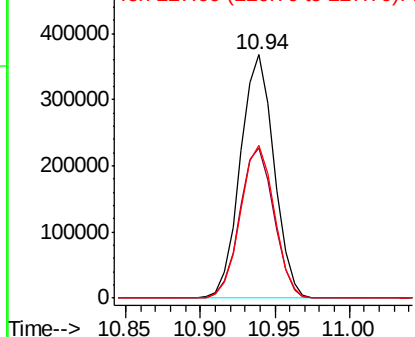
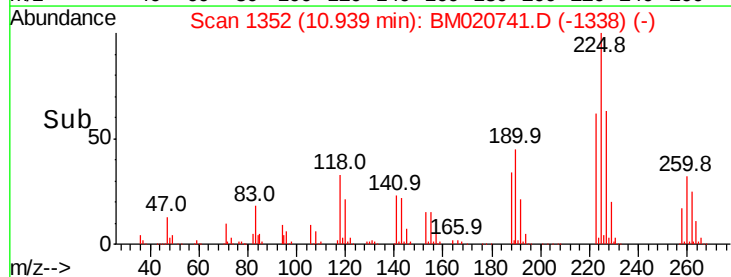


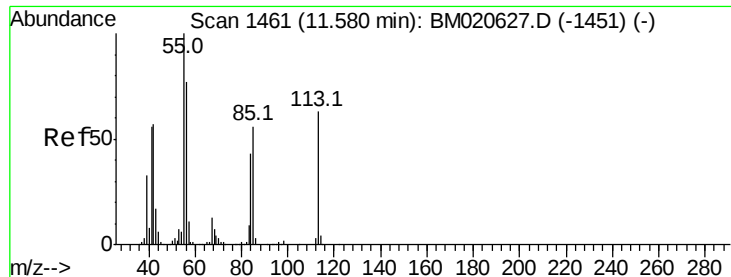
#34
Hexachlorobutadiene
Concen: 46.168 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:	225	Resp:	575057
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	62.6	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
500000 Ion 223.00 (222.70 to 223.70): E
400000 Ion 227.00 (226.70 to 227.70): E
300000
200000
100000
0





#35

Caprolactam

Concen: 35.203 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

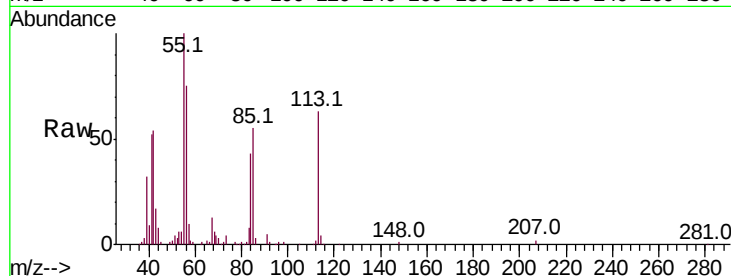
Tot Ion:113 Resp: 220788

Ion Ratio Lower Upper

113 100

55 159.8 138.6 178.6

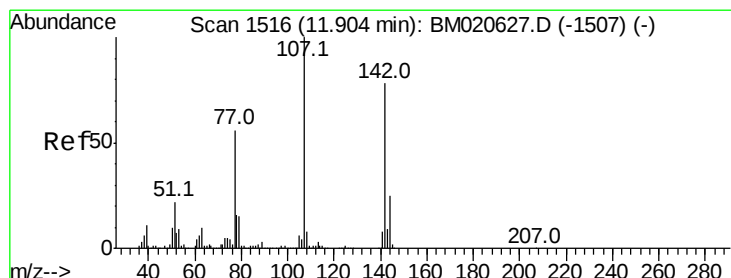
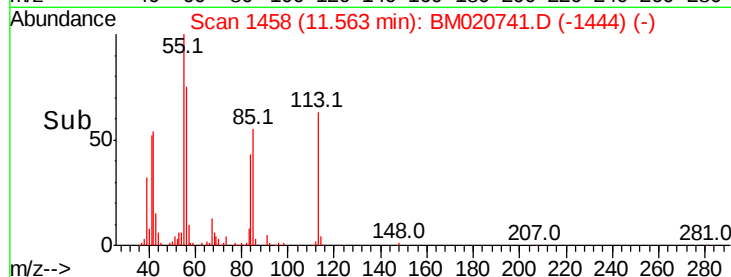
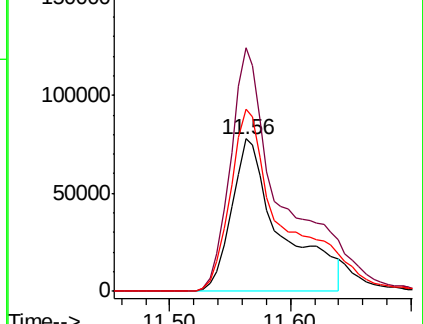
56 119.6 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.524 ng

RT: 11.89 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

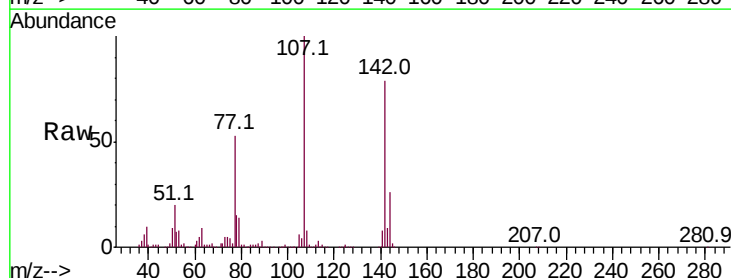
Tgt Ion:107 Resp: 892590

Ion Ratio Lower Upper

107 100

144 25.7 20.3 30.5

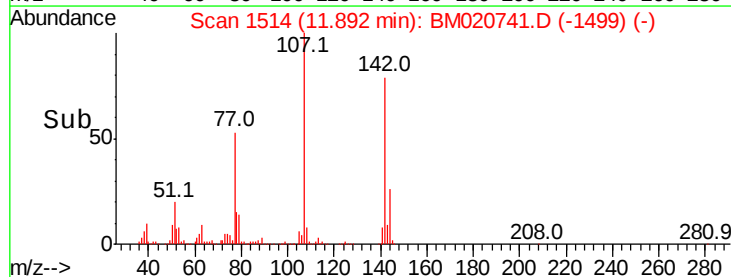
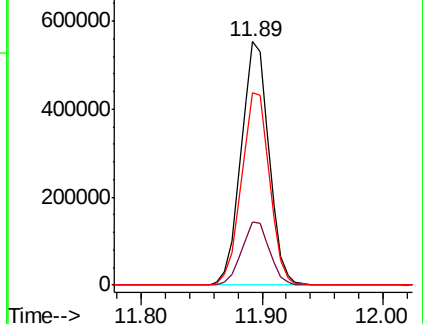
142 79.0 62.6 93.8

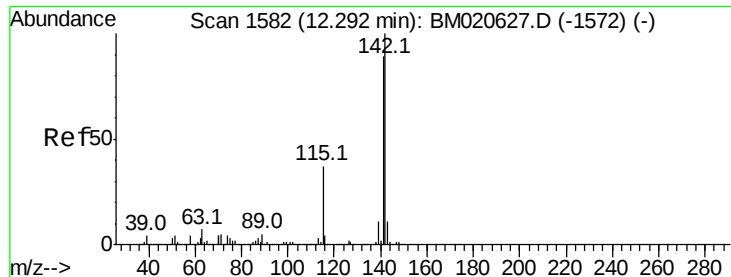


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

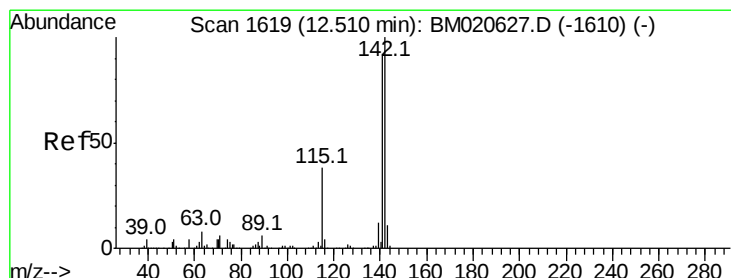
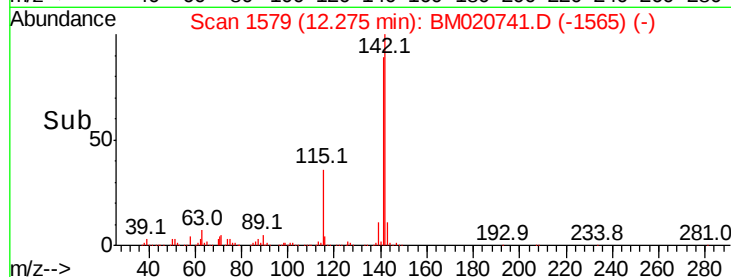
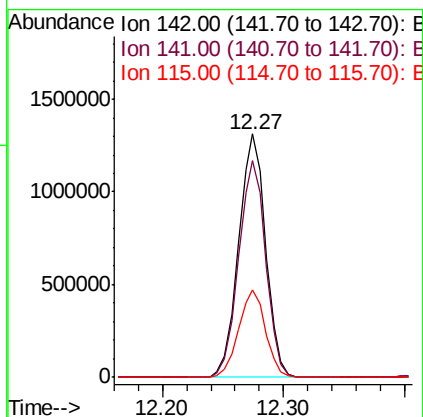
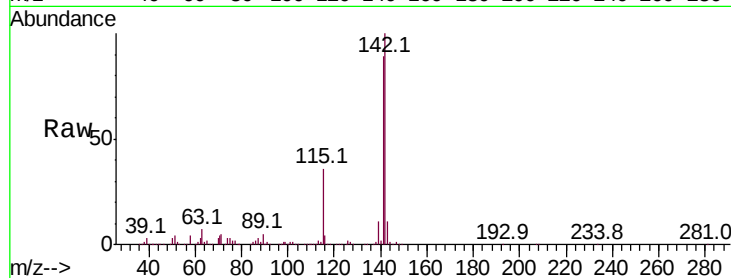




#37
2-Methylnaphthalene
Concen: 45.032 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

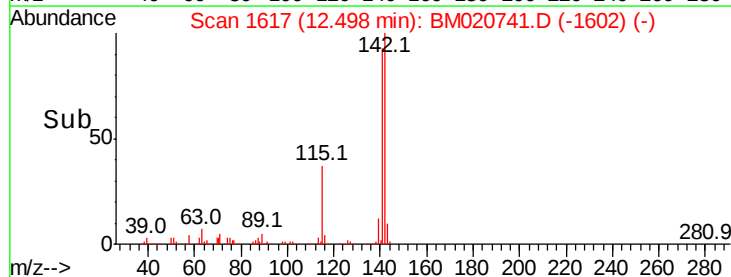
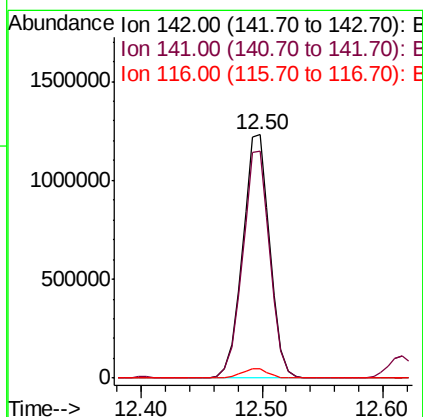
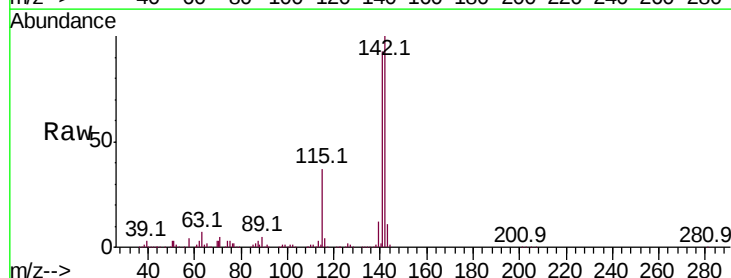
Instrument :
BNA_M
ClientSampleId :
PB120321BS

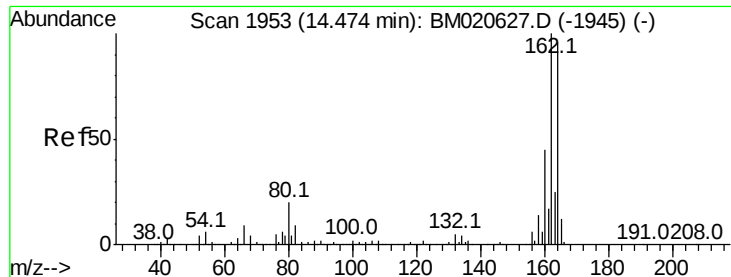
Tot Ion:142 Resp: 2035501
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4
115 35.7 29.6 44.4



#38
1-Methylnaphthalene
Concen: 44.679 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:142 Resp: 1922978
Ion Ratio Lower Upper
142 100
141 93.4 73.9 110.9
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

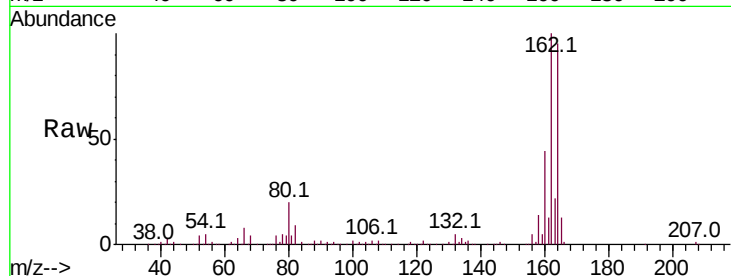
Tot Ion:164 Resp: 626472

Ion Ratio Lower Upper

164 100

162 105.5 83.2 124.8

160 46.2 37.5 56.3

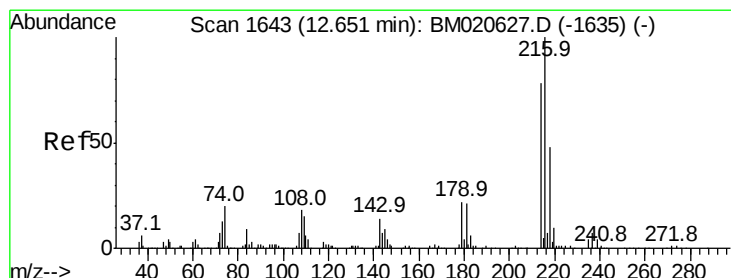
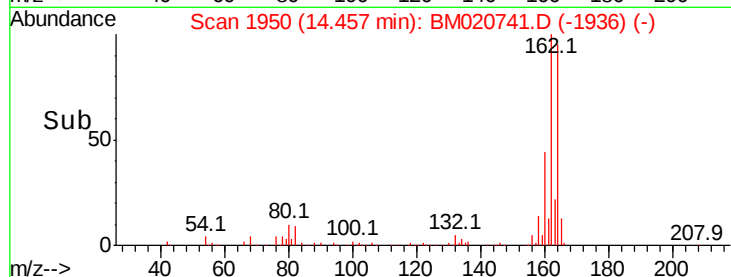
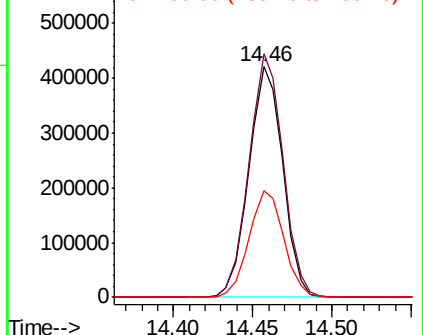


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.830 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:216 Resp: 1064075

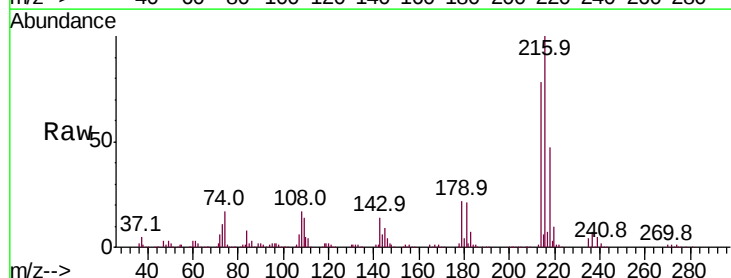
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 21.5 17.9 26.9

108 20.4 16.2 24.2



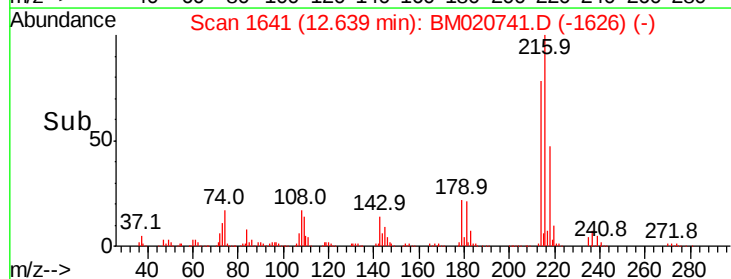
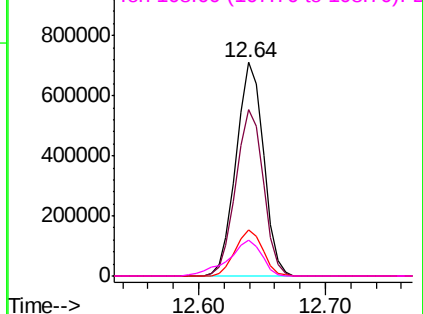
Abundance

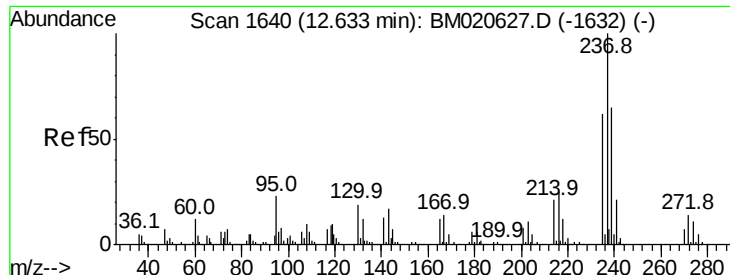
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 110.484 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

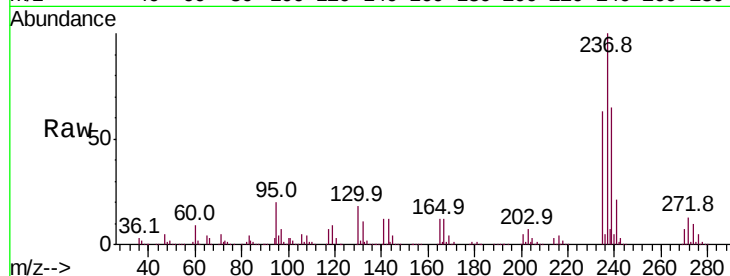
Tot Ion:237 Resp: 1356581

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.1	82.1
272	13.4	0.0	33.5

237 100

235 62.9 42.1 82.1

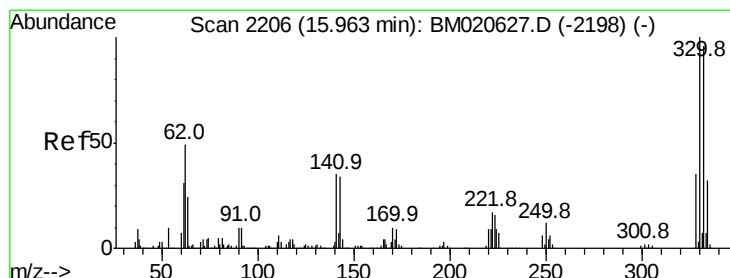
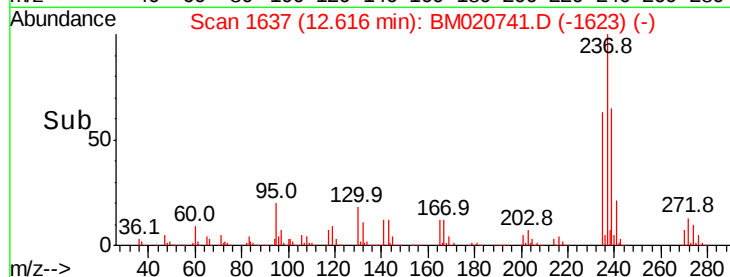
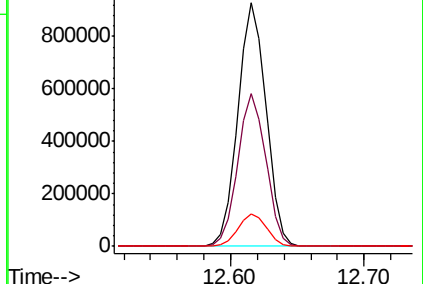
272 13.4 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.691 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

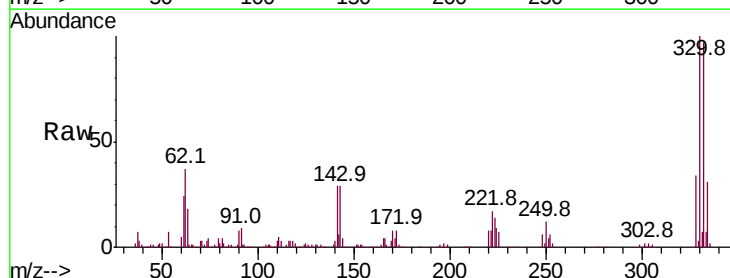
Tgt Ion:330 Resp: 1029940

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	32.8	30.4	45.6

330 100

332 96.4 77.4 116.0

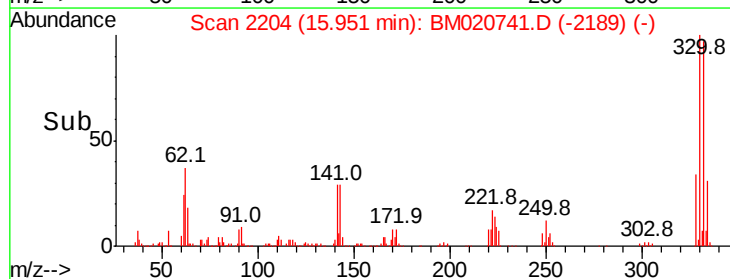
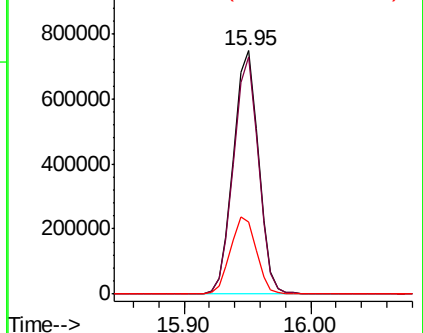
141 32.8 30.4 45.6

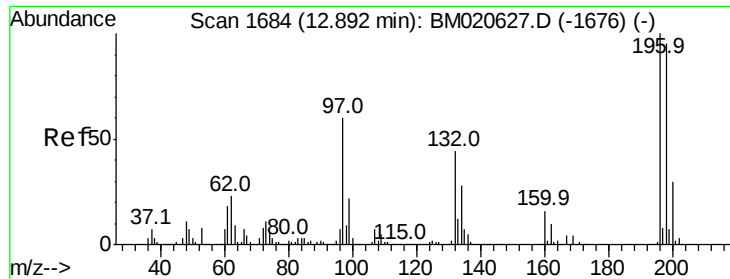


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

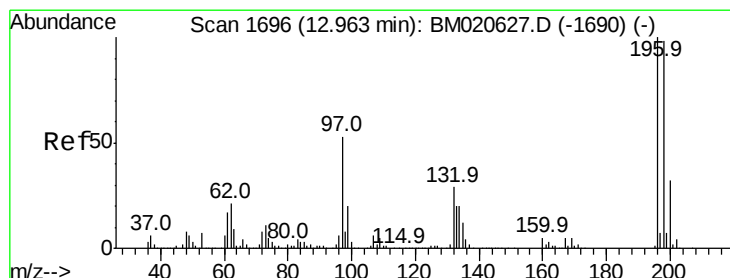
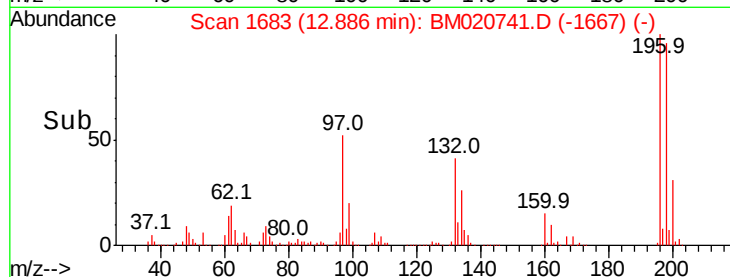
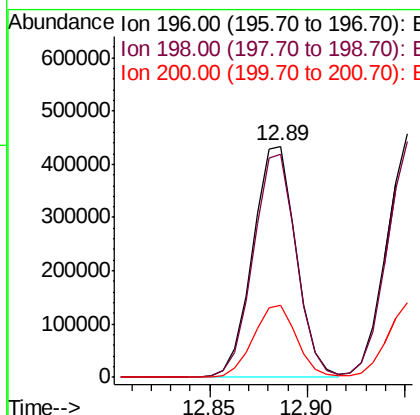
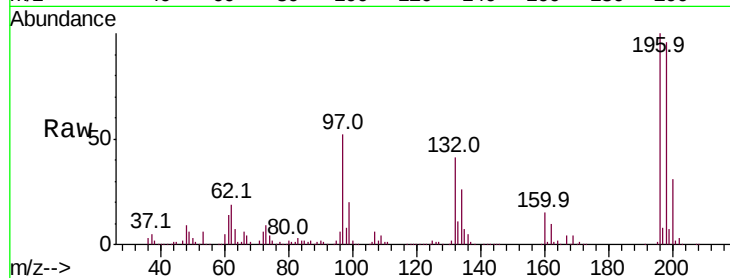




#43
 2,4,6-Trichlorophenol
 Concen: 50.471 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

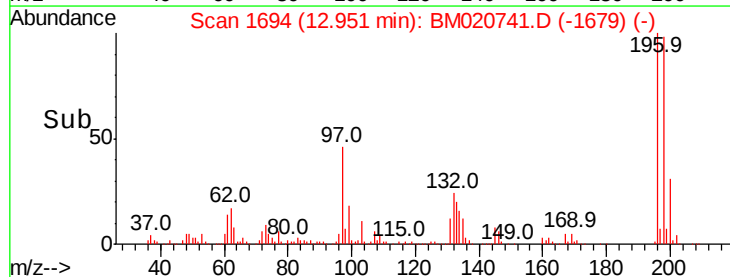
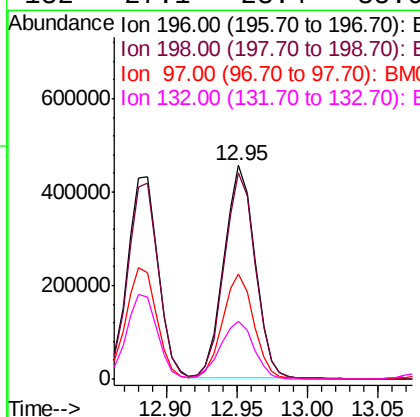
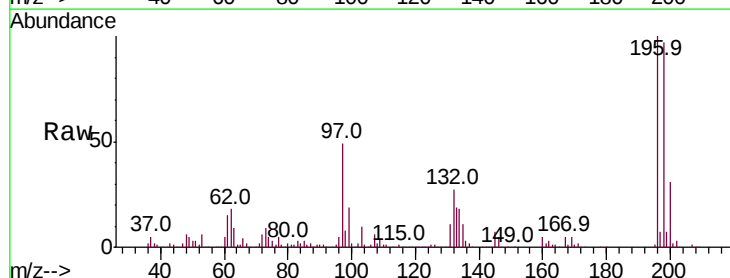
Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

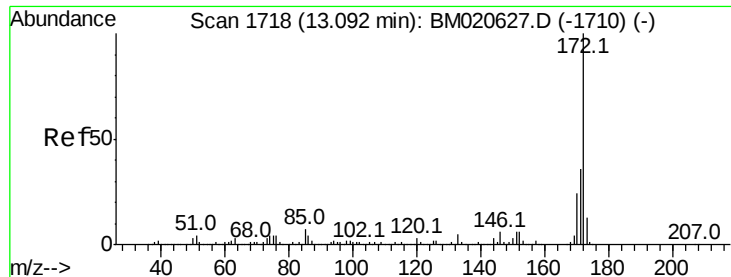
Tot Ion:196 Resp: 666968
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 31.4 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 51.205 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion:196 Resp: 698589
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.6 117.8
 97 49.0 42.7 64.1
 132 27.1 23.4 35.0

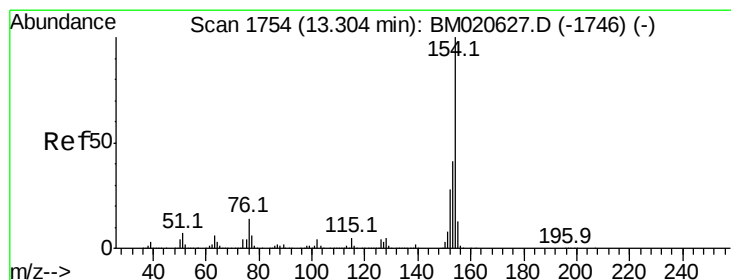
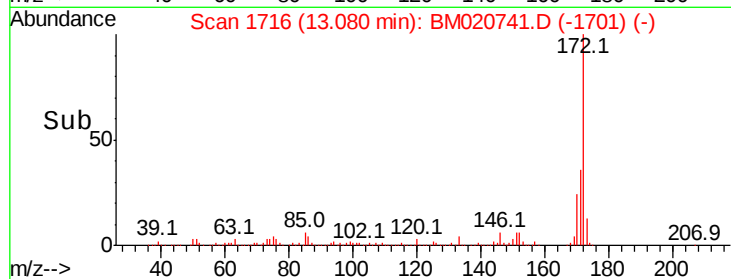
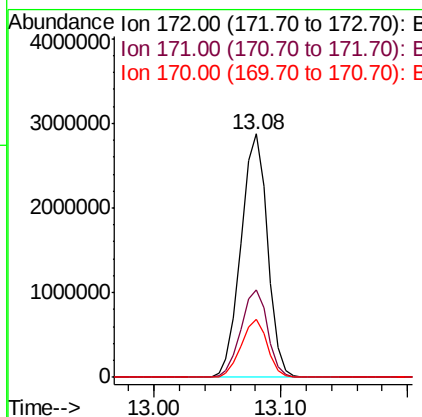
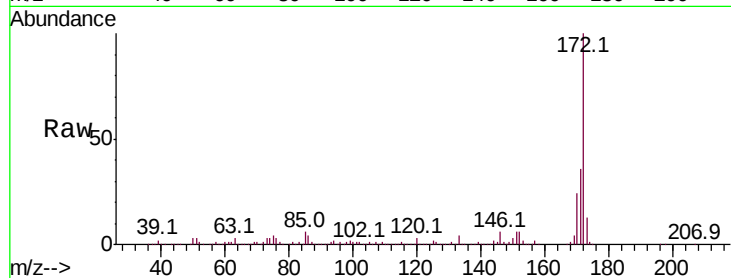




#45
2-Fluorobiphenyl
Concen: 88.266 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

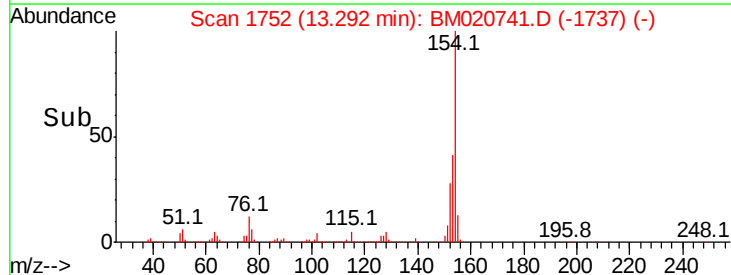
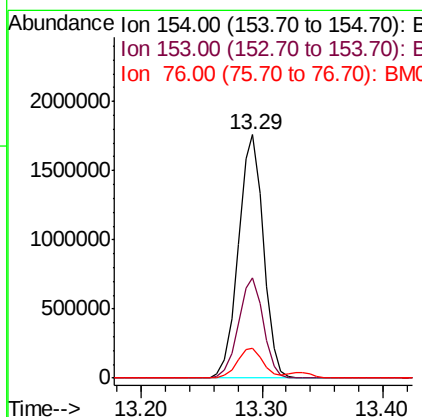
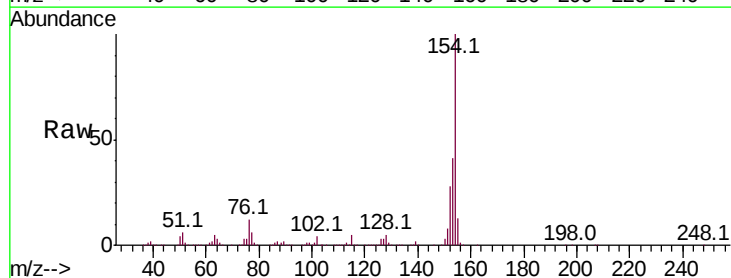
Instrument :
BNA_M
ClientSampleId :
PB120321BS

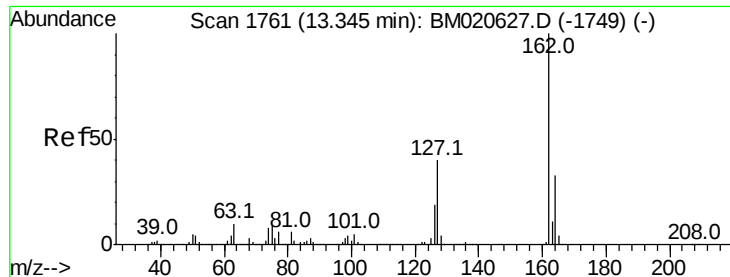
Tot Ion:172 Resp: 4159339
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.394 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:154 Resp: 2532002
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 12.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.586 ng

RT: 13.33 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

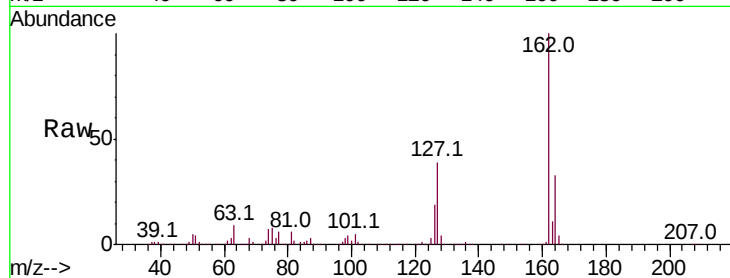
Tot Ion:162 Resp: 1967221

Ion Ratio Lower Upper

162 100

127 39.2 32.1 48.1

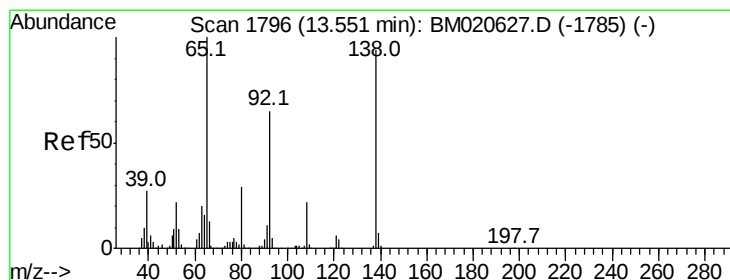
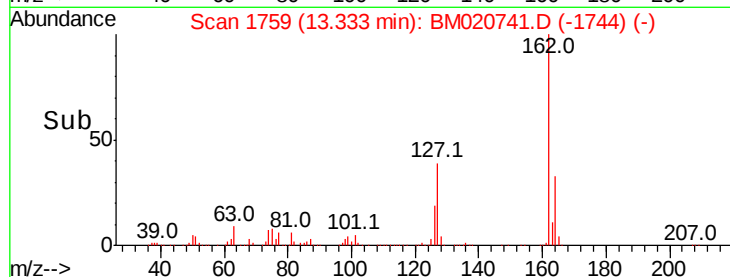
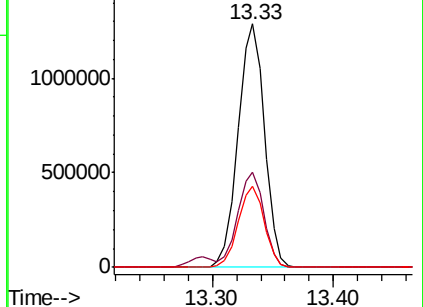
164 33.3 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.431 ng

RT: 13.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

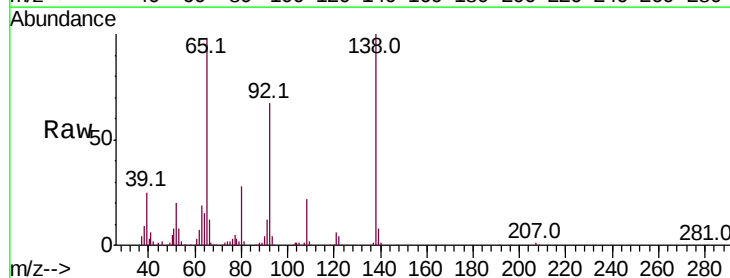
Tgt Ion: 65 Resp: 535867

Ion Ratio Lower Upper

65 100

92 68.9 52.2 78.4

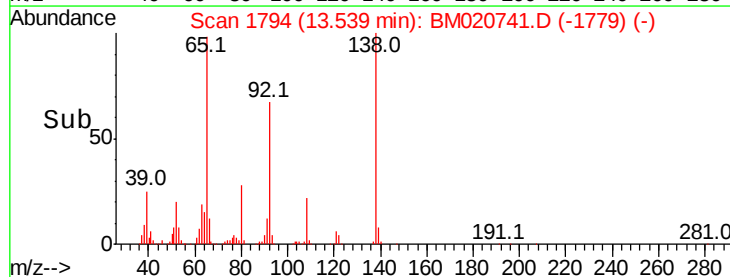
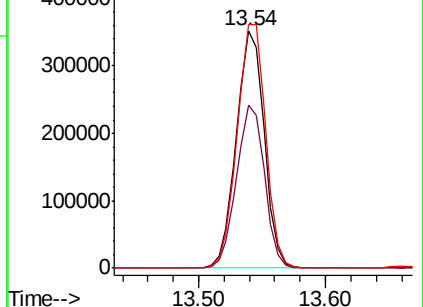
138 102.4 75.4 113.0

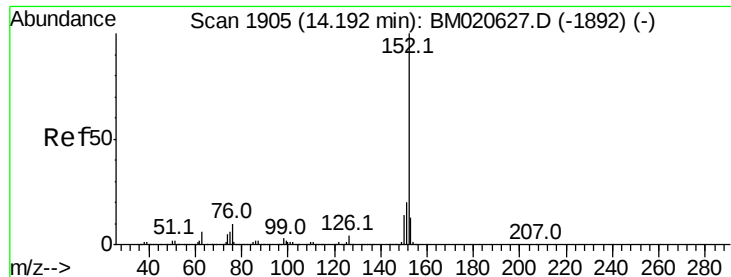


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.494 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

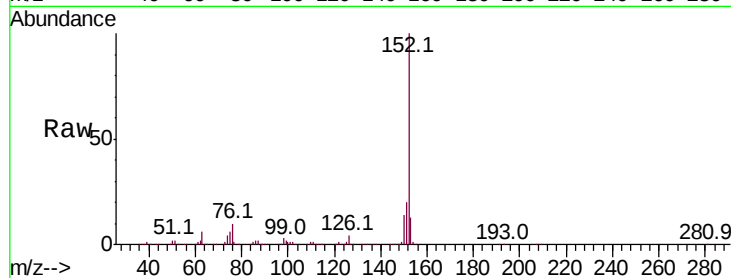
Tot Ion:152 Resp: 3063409

Ion Ratio Lower Upper

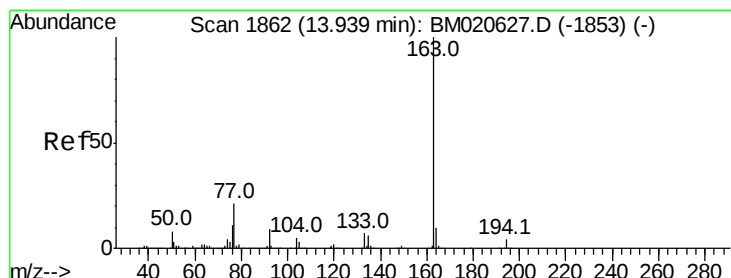
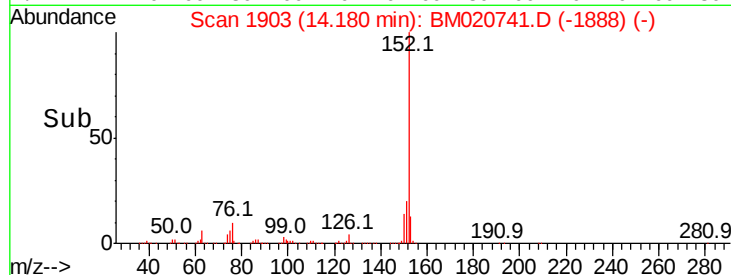
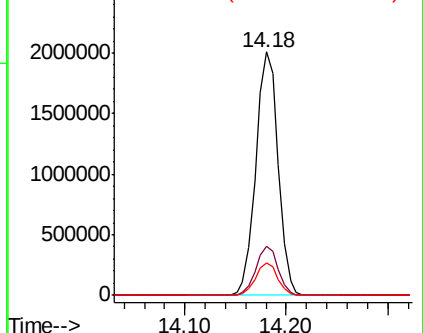
152 100

151 20.2 16.2 24.2

153 13.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.847 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

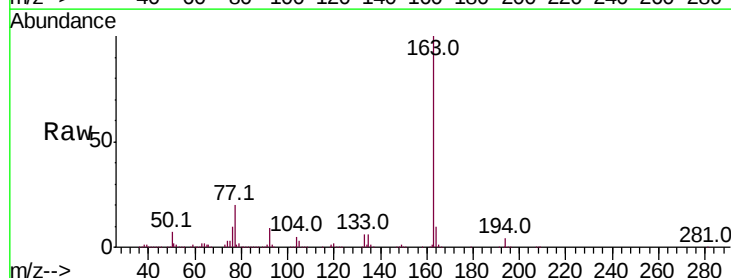
Tgt Ion:163 Resp: 2293274

Ion Ratio Lower Upper

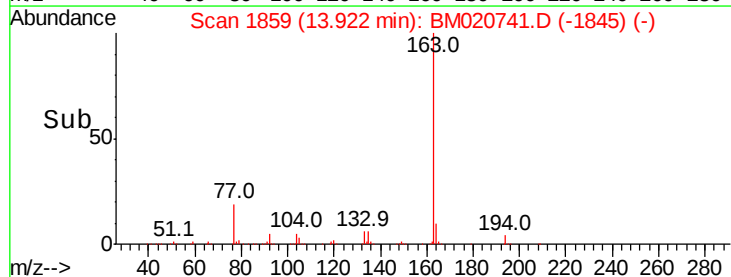
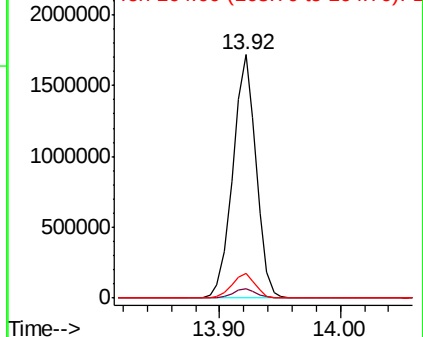
163 100

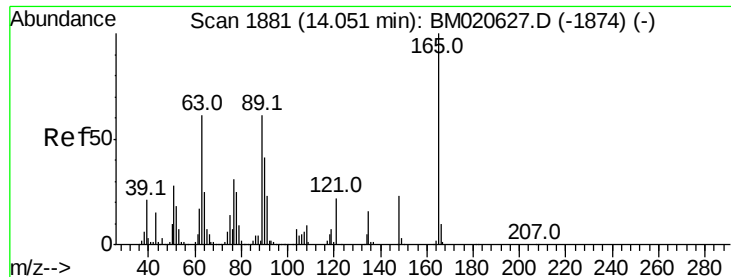
194 4.0 3.2 4.8

164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

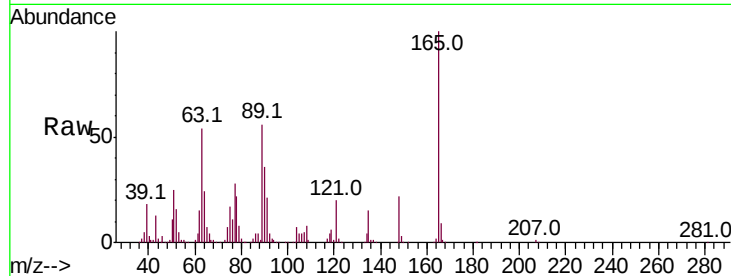




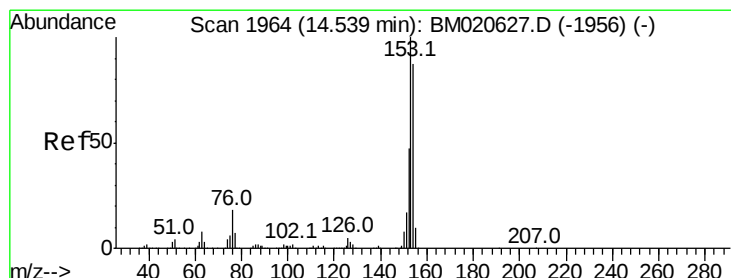
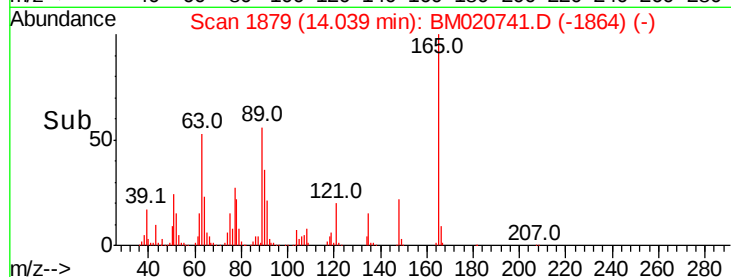
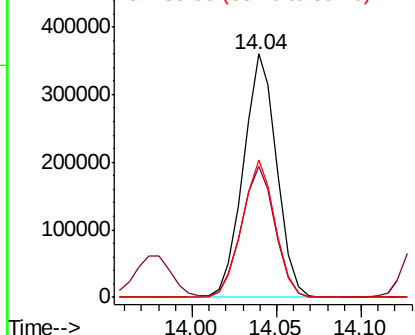
#51
2,6-Dinitrotoluene
Concen: 45.466 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:165 Resp: 494111
Ion Ratio Lower Upper
165 100
63 53.8 50.4 75.6
89 56.4 49.1 73.7

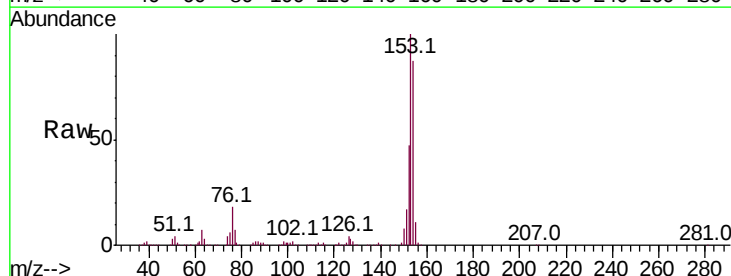


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

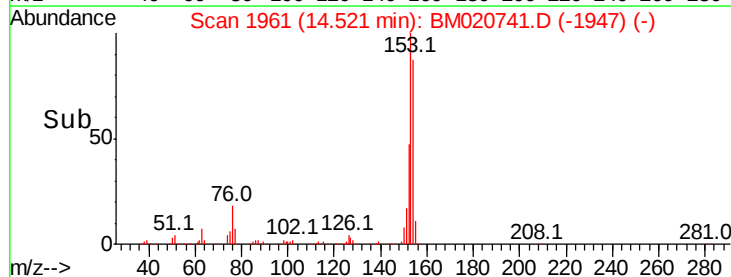
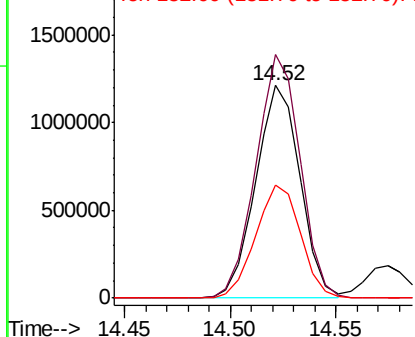


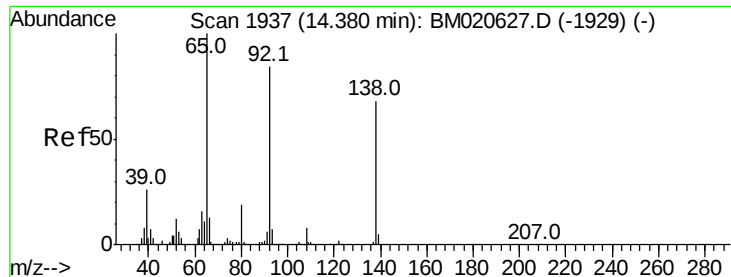
#52
Acenaphthene
Concen: 45.127 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:154 Resp: 1771913
Ion Ratio Lower Upper
154 100
153 114.6 92.4 138.6
152 53.5 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.630 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

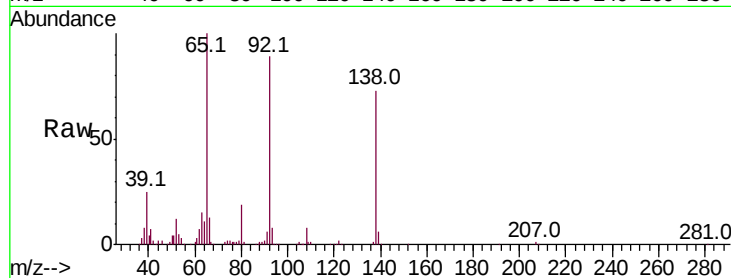
Tot Ion:138 Resp: 298773

Ion Ratio Lower Upper

138 100

108 11.1 9.5 14.3

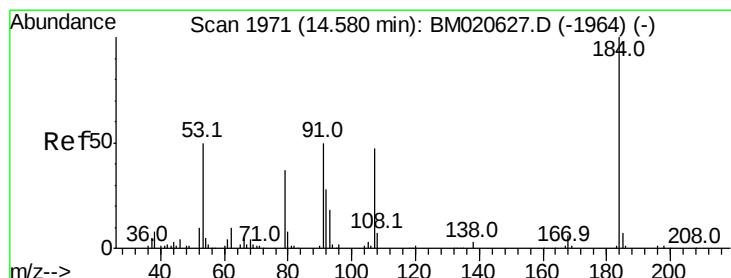
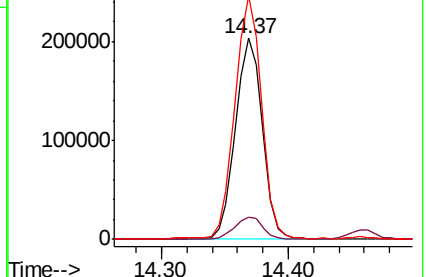
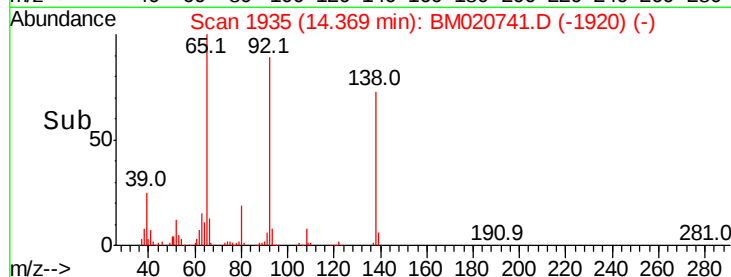
92 121.2 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 84.679 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

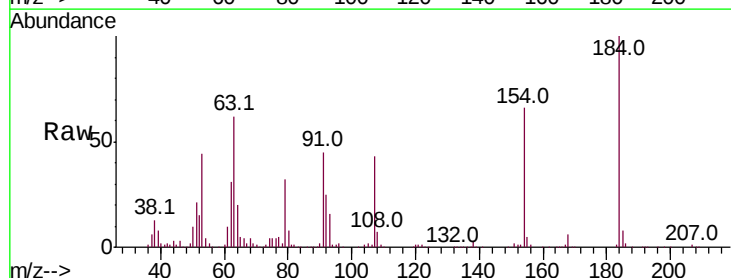
Tgt Ion:184 Resp: 398087

Ion Ratio Lower Upper

184 100

63 61.8 59.3 88.9

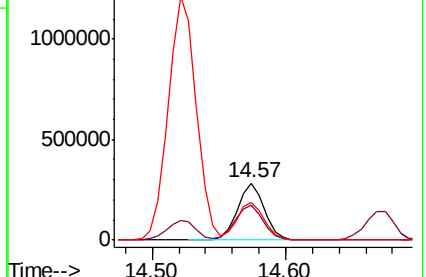
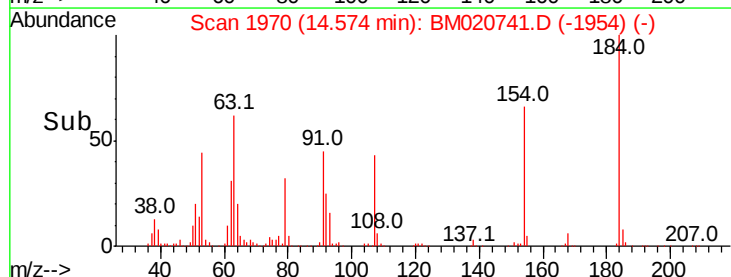
154 66.0 56.5 84.7

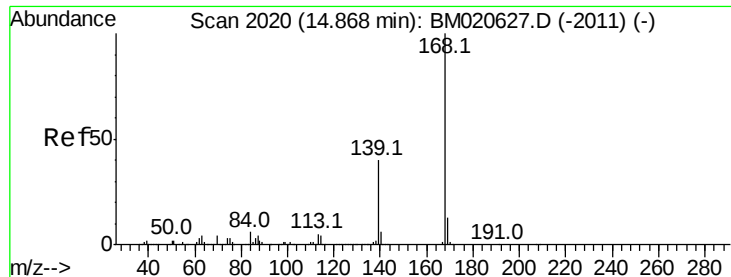


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

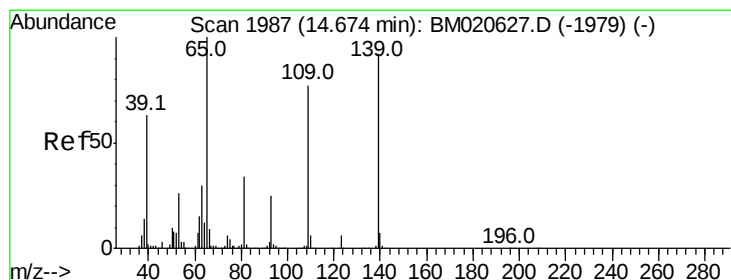
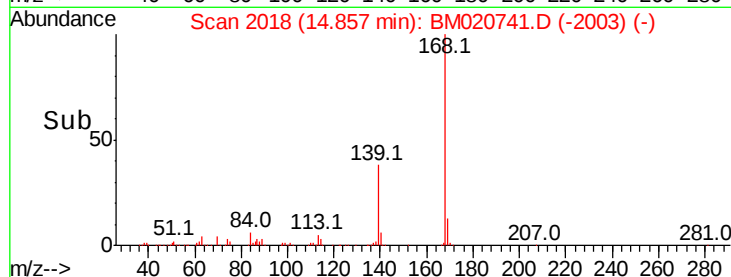
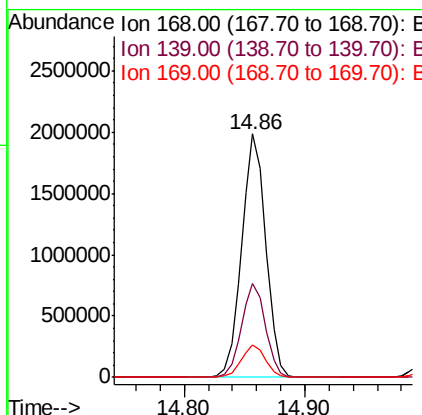
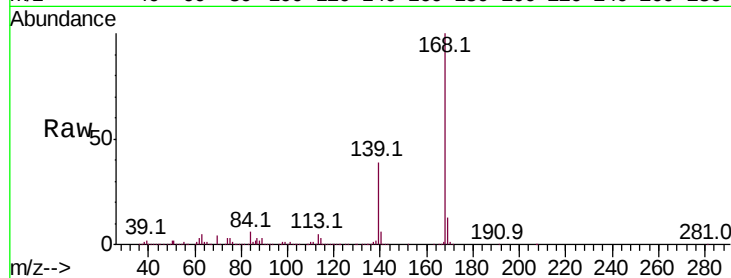




#55
Dibenzofuran
Concen: 45.351 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

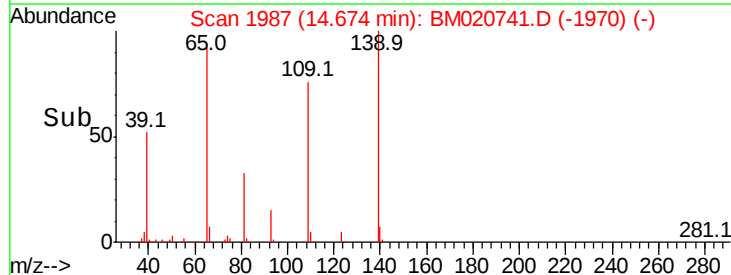
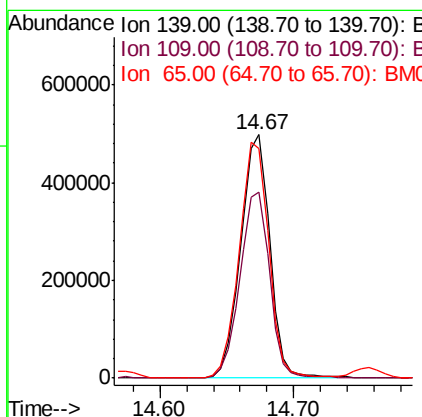
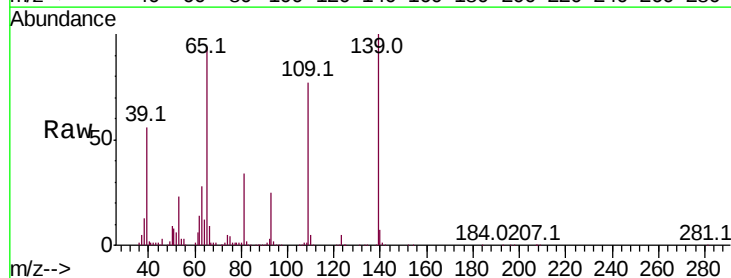
Instrument :
BNA_M
ClientSampleId :
PB120321BS

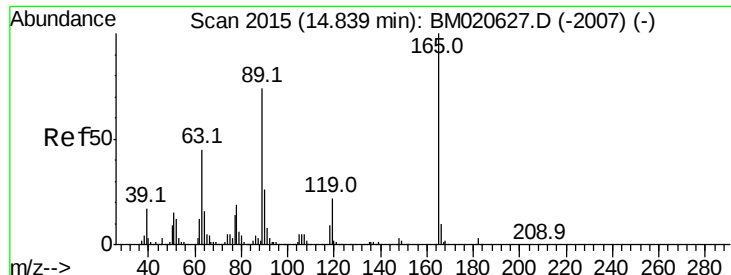
Tot Ion:168 Resp: 2765658
Ion Ratio Lower Upper
168 100
139 38.5 31.9 47.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 83.858 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:139 Resp: 749596
Ion Ratio Lower Upper
139 100
109 76.5 62.7 102.7
65 94.4 88.3 128.3

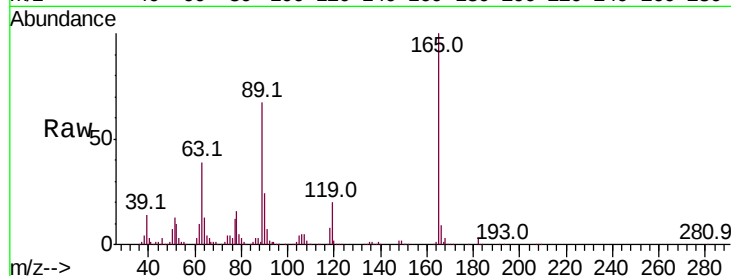




#57
2,4-Dinitrotoluene
Concen: 44.269 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.2	36.3	54.5
89	66.9	59.0	88.6
182	2.8	2.2	3.4



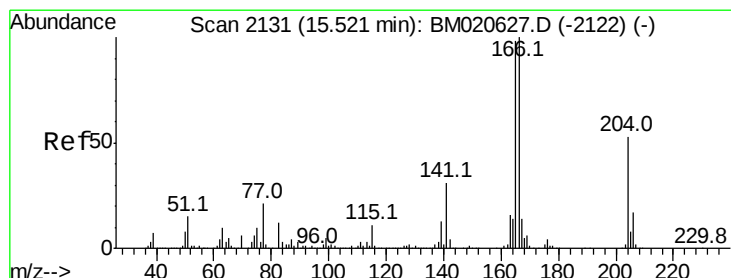
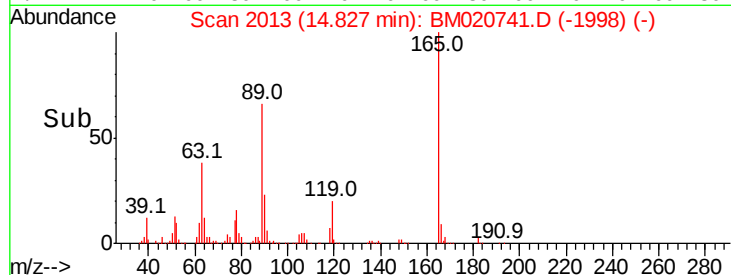
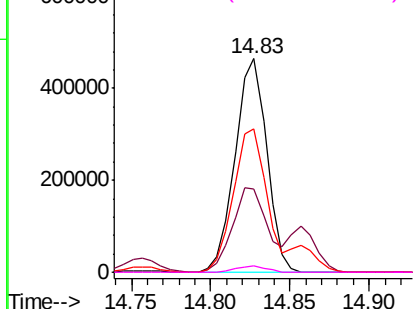
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

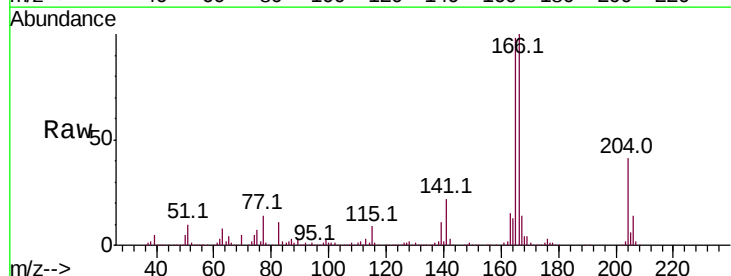
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.554 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.6	11.0	16.4

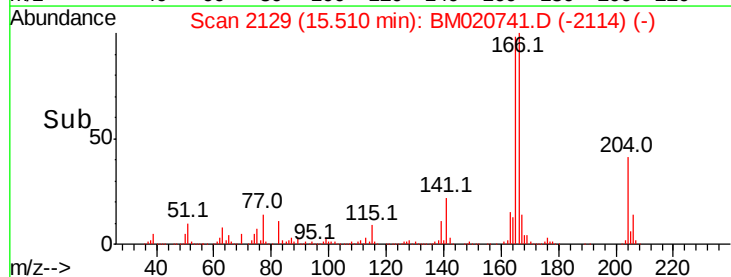
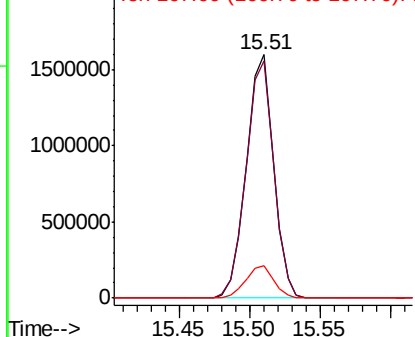


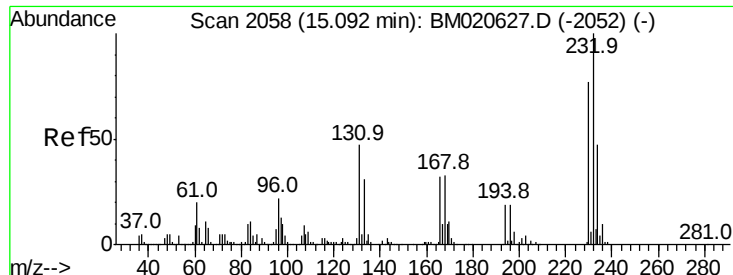
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

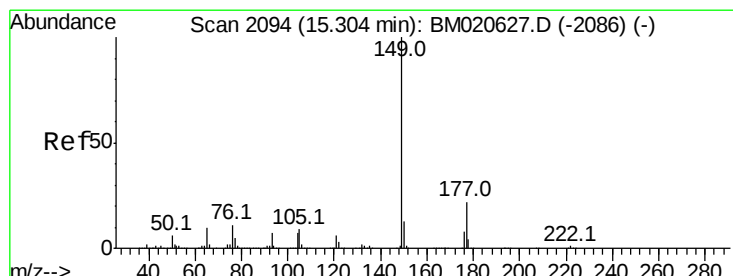
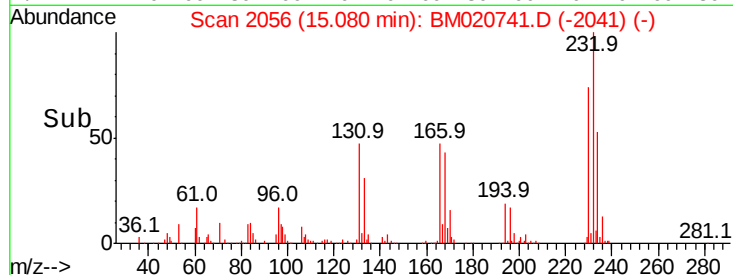
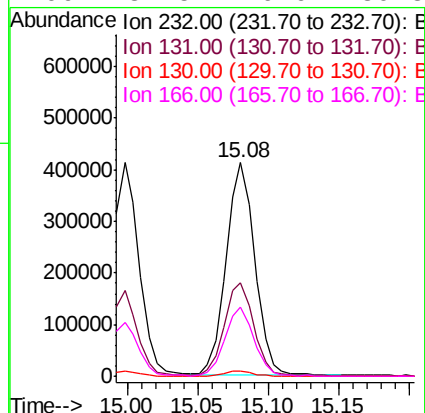
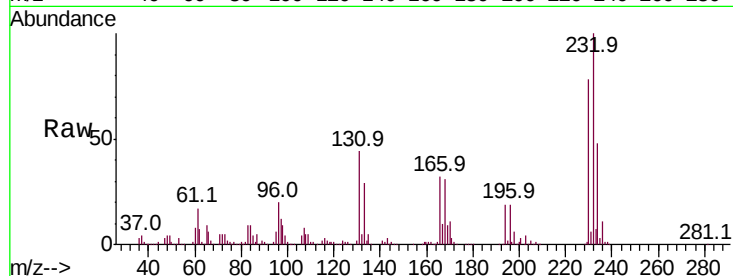




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.052 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

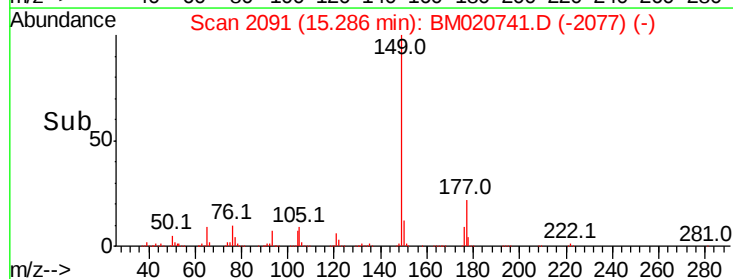
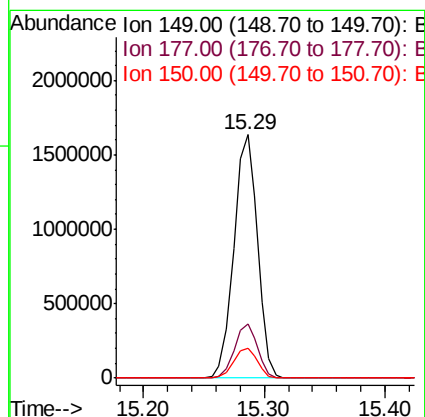
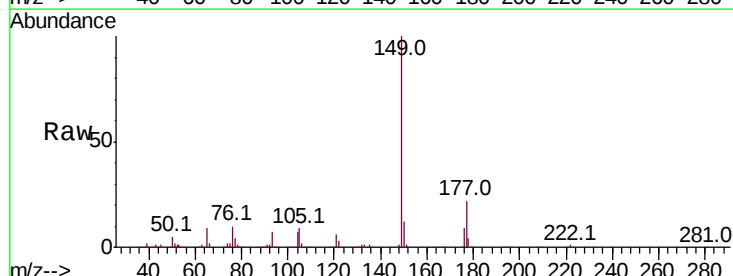
Instrument :
BNA_M
ClientSampleId :
PB120321BS

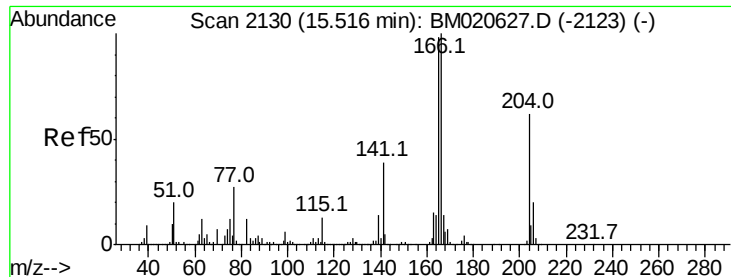
Tot Ion:232 Resp: 583140
Ion Ratio Lower Upper
232 100
131 44.8 38.6 57.8
130 2.4 2.2 3.2
166 32.5 26.6 39.8



#60
Diethylphthalate
Concen: 40.353 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:149 Resp: 2227540
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.4 10.1 15.1

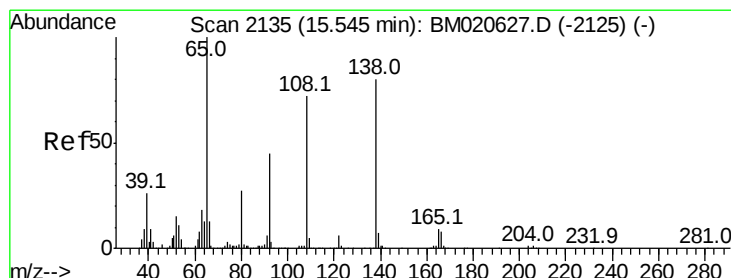
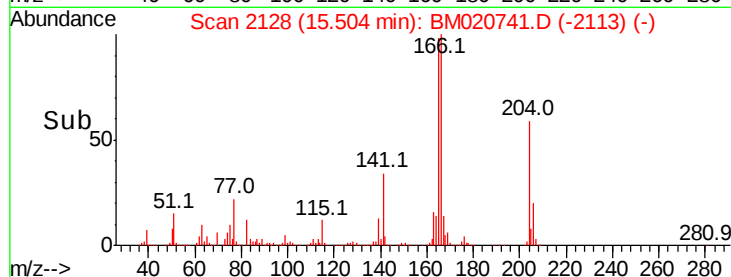
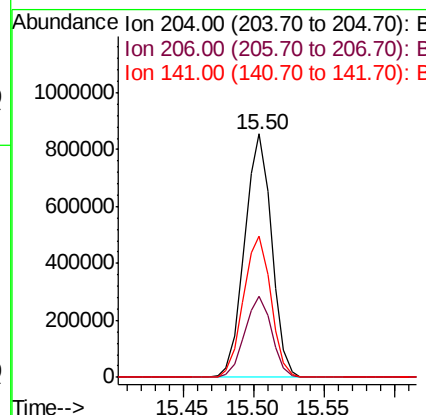
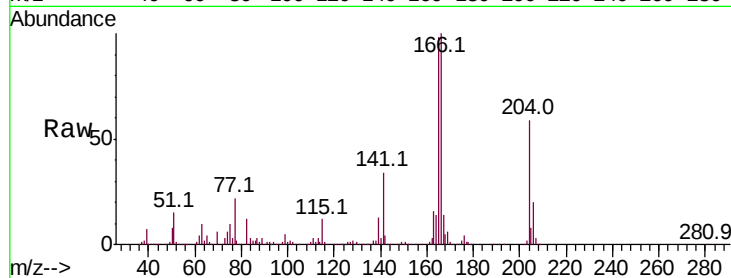




#61
4-Chlorophenyl-phenylether
Concen: 43.164 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

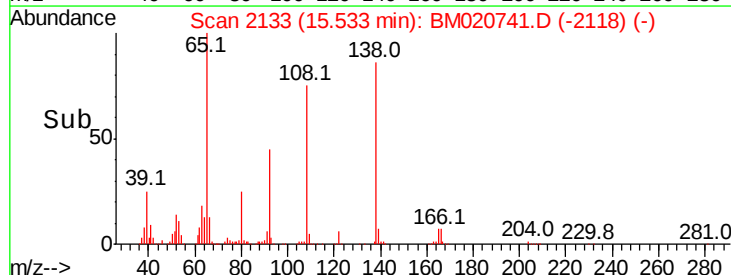
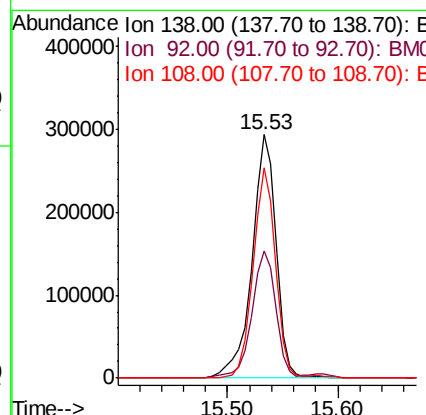
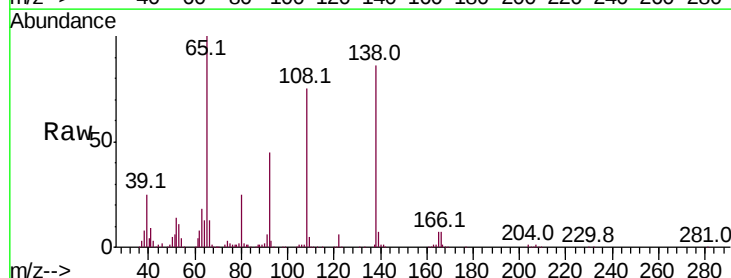
Instrument :
BNA_M
ClientSampleId :
PB120321BS

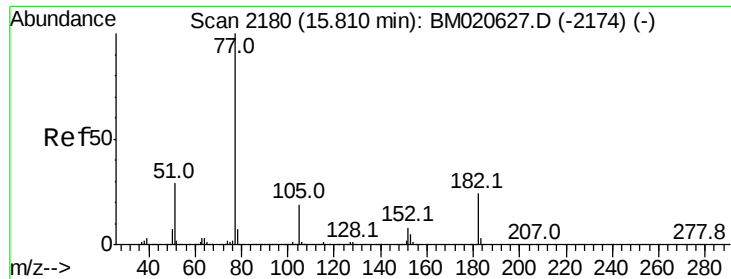
Tot Ion:204 Resp: 1146159
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 58.1 50.2 75.4



#62
4-Nitroaniline
Concen: 35.146 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:138 Resp: 452154
Ion Ratio Lower Upper
138 100
92 52.4 36.7 76.7
108 86.6 70.3 110.3





#63

Azobenzene

Concen: 39.486 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion: 77 Resp: 2089656

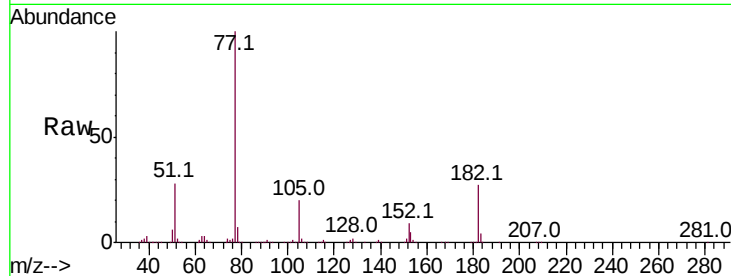
Ion	Ratio	Lower	Upper
77	100		
182	27.1	3.6	43.6
105	20.2	0.0	39.4
51	27.5	9.5	49.5

77 100

182 27.1 3.6 43.6

105 20.2 0.0 39.4

51 27.5 9.5 49.5

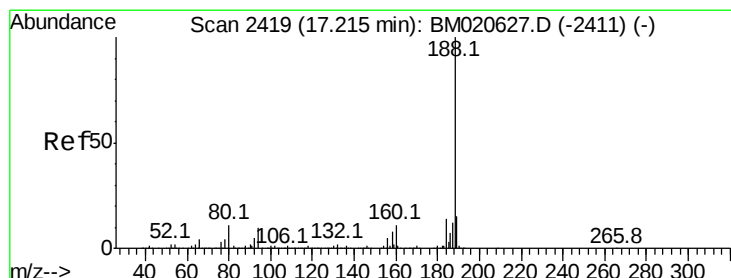
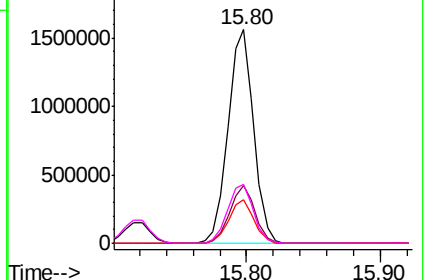
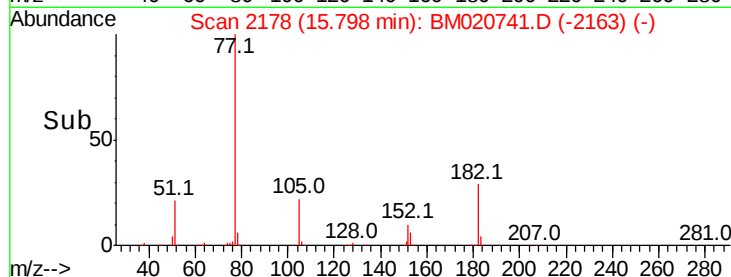


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

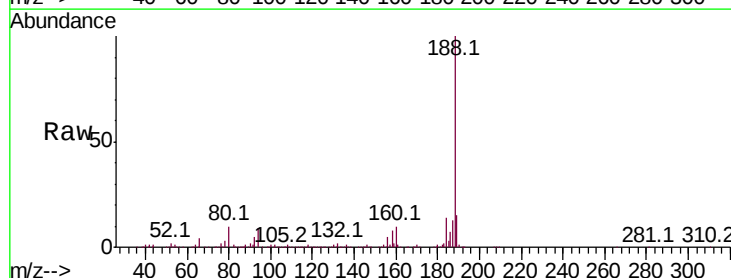
Tgt Ion: 188 Resp: 1187022

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.8
80	9.8	9.0	13.6

188 100

94 8.5 7.8 11.8

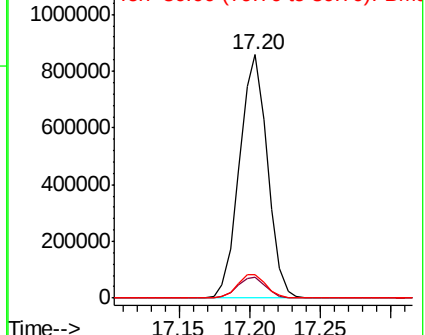
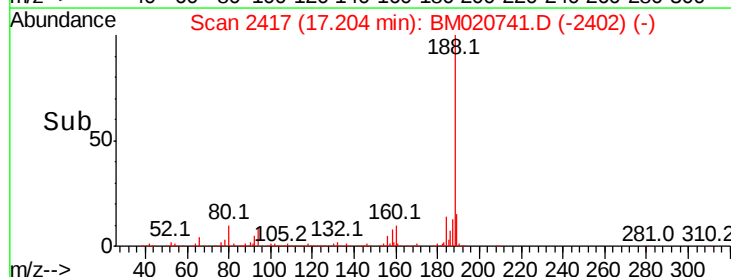
80 9.8 9.0 13.6

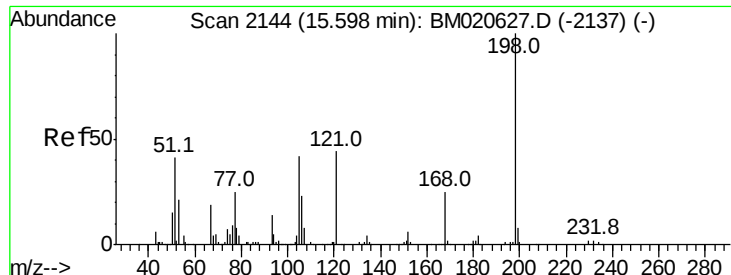


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

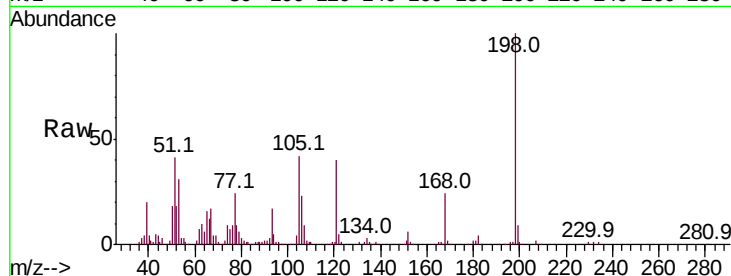




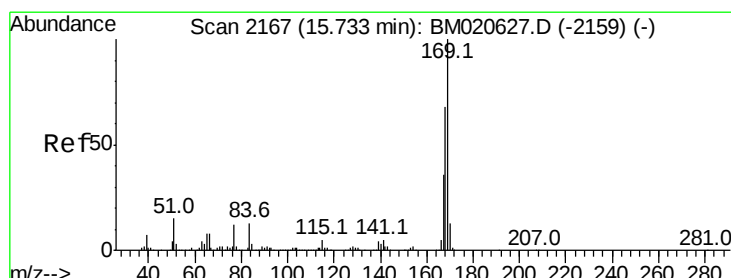
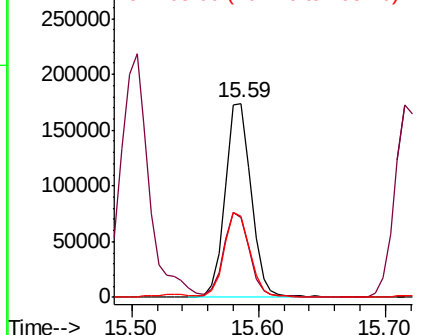
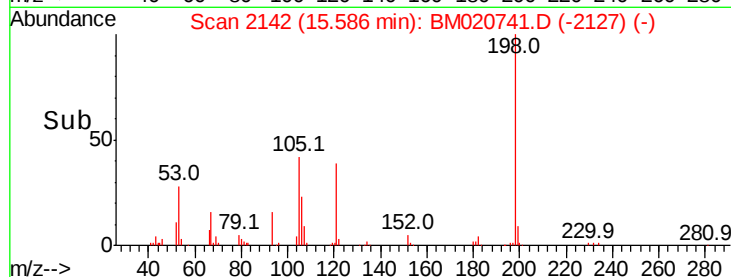
#65
4,6-Dinitro-2-methylphenol
Concen: 46.148 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:198 Resp: 246991
Ion Ratio Lower Upper
198 100
51 40.8 27.7 67.7
105 41.9 23.8 63.8

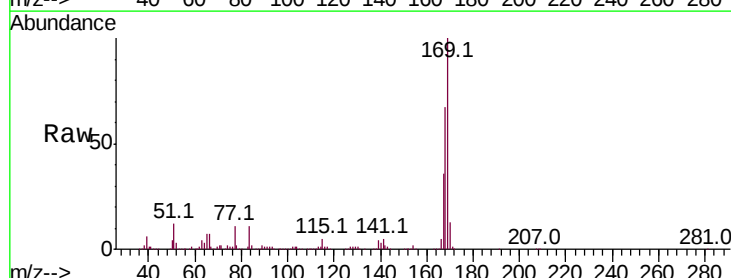


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

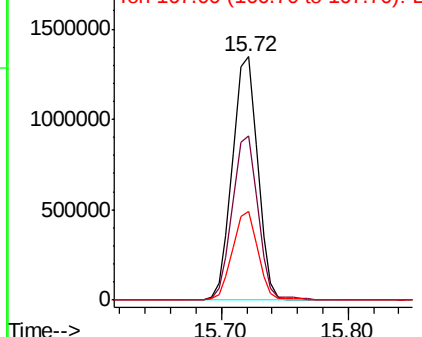
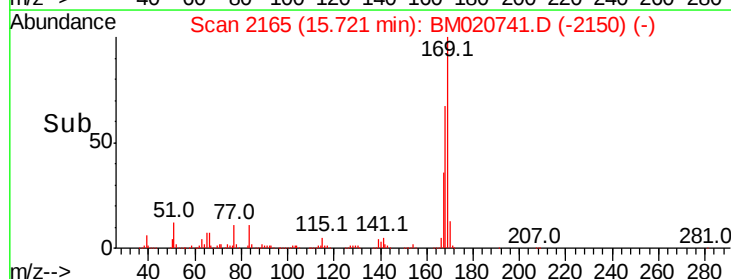


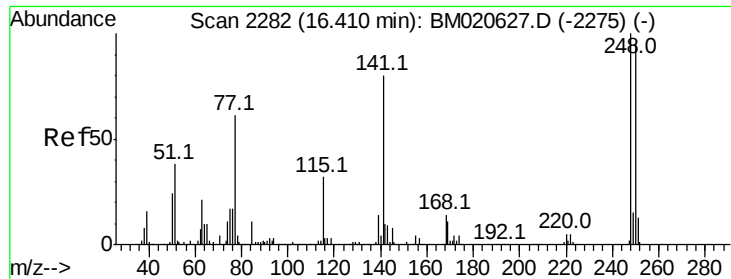
#66
n-Nitrosodiphenylamine
Concen: 48.766 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:169 Resp: 1853082
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.4
167 36.4 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

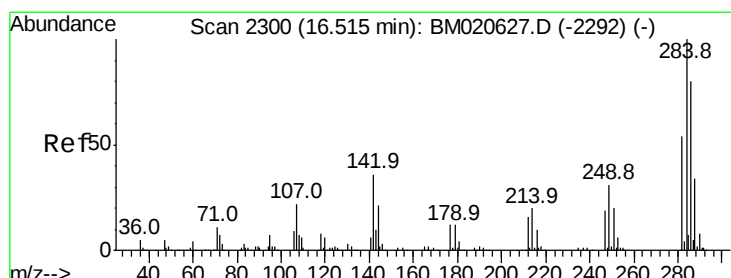
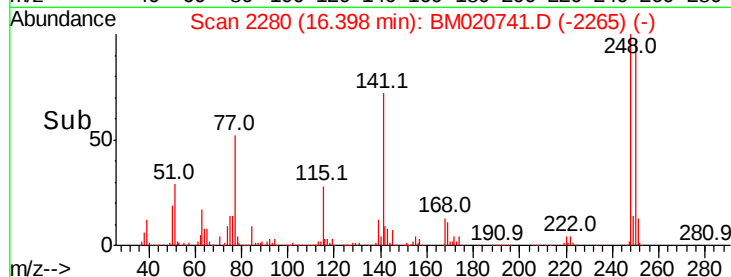
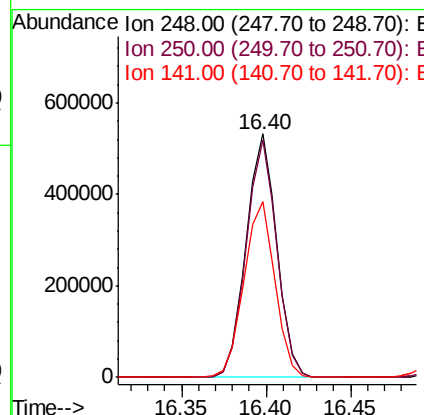
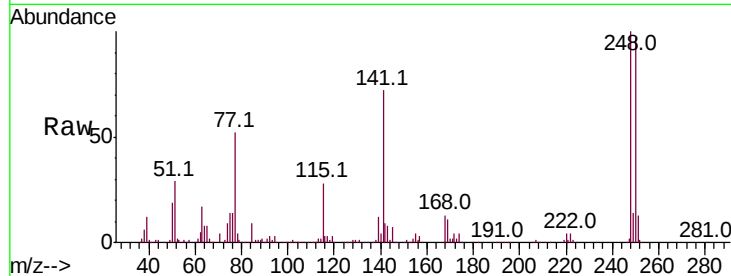




#67
 4-Bromophenyl-phenylether
 Concen: 48.094 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

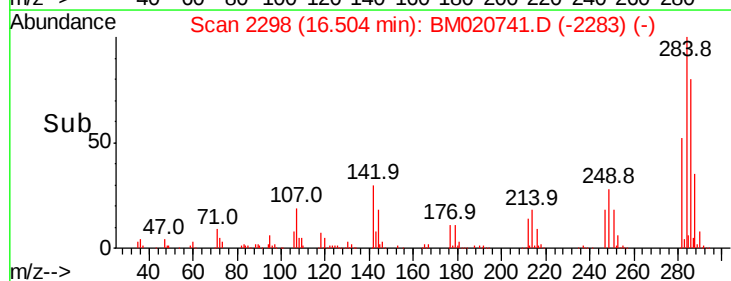
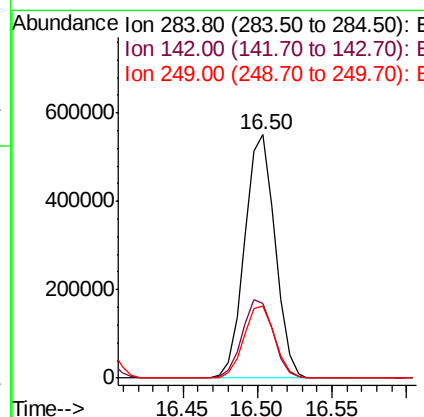
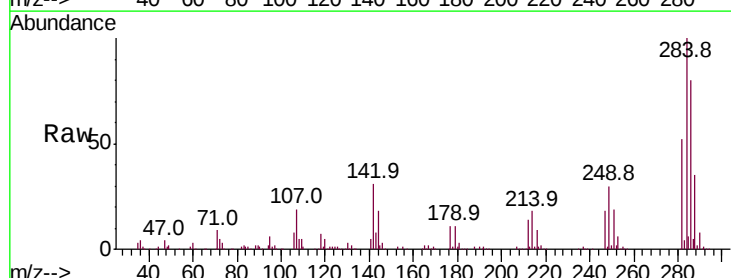
Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

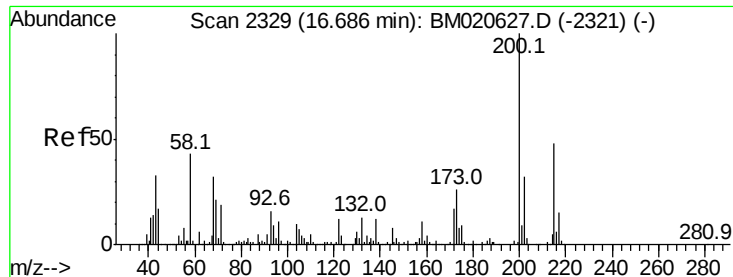
Tot	Ion:248	Resp:	672154
Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.3	114.5
141	72.4	64.2	96.2



#68
 Hexachlorobenzene
 Concen: 47.528 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion:284	Resp: 775648
Ion Ratio	Lower Upper
284 100	
142 30.7	28.6 42.8
249 29.7	25.0 37.4





#69

Atrazine

Concen: 51.346 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

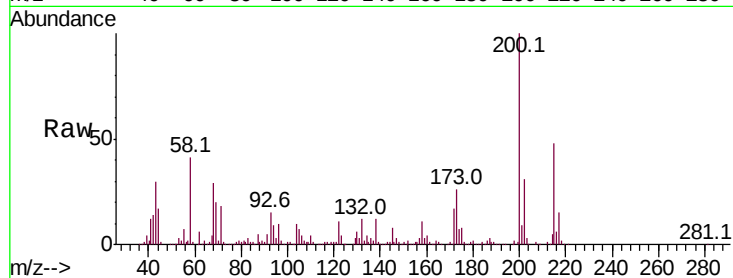
Tot Ion:200 Resp: 582324

Ion Ratio Lower Upper

200 100

173 26.1 6.2 46.2

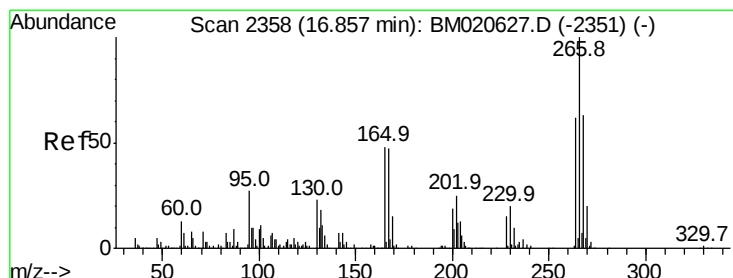
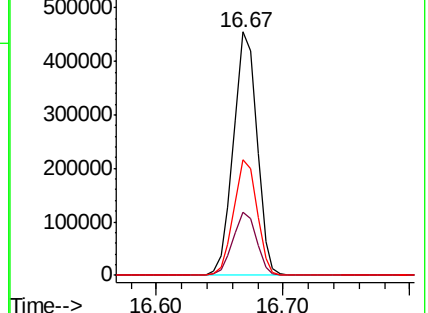
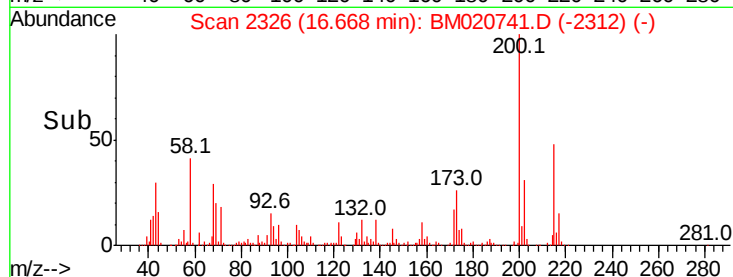
215 47.5 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.127 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

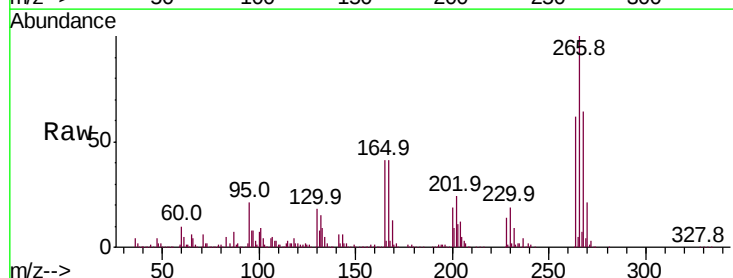
Tgt Ion:266 Resp: 857403

Ion Ratio Lower Upper

266 100

268 63.5 50.6 75.8

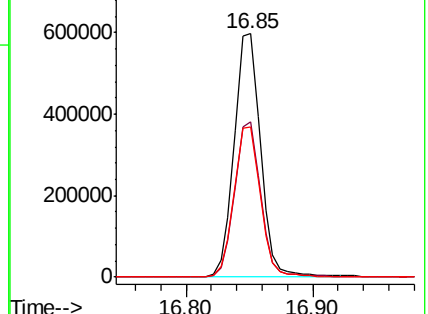
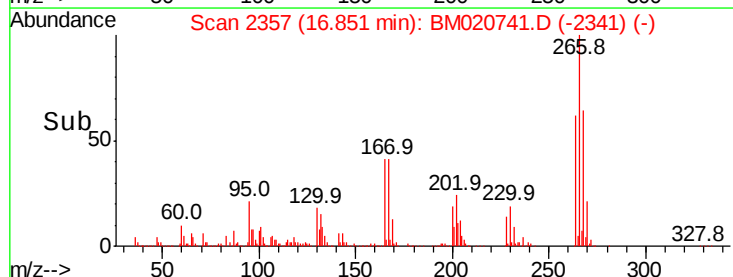
264 61.9 49.6 74.4

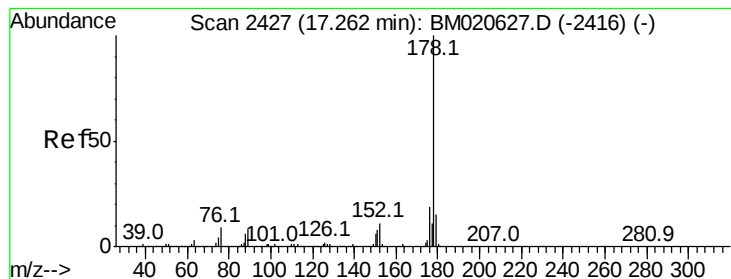


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.562 ng

RT: 17.24 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

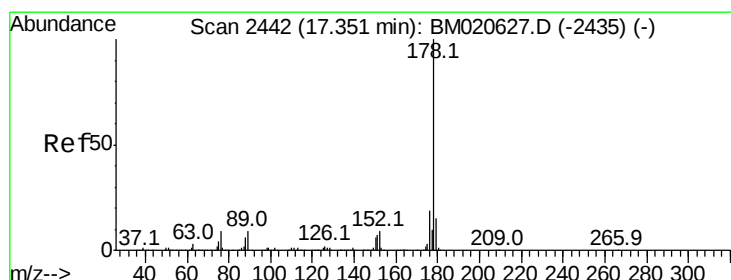
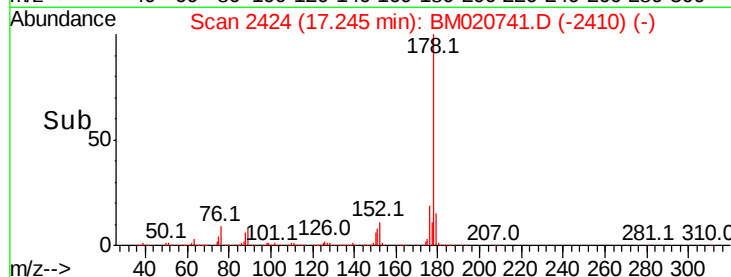
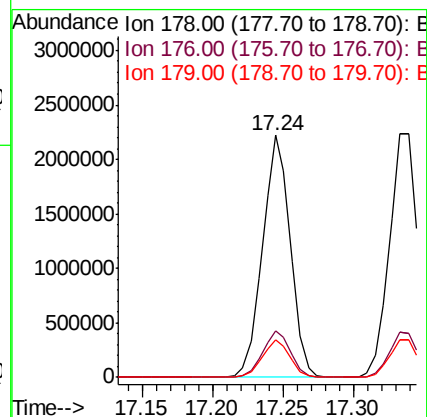
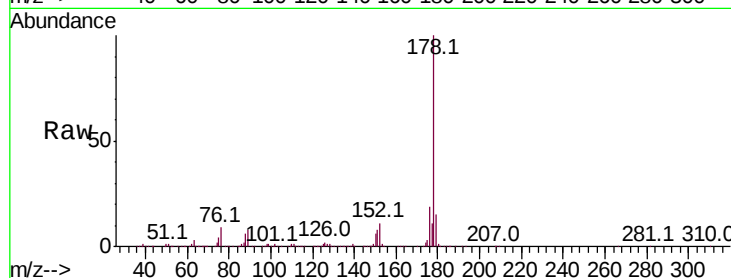
Tot Ion:178 Resp: 3065627

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 46.695 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

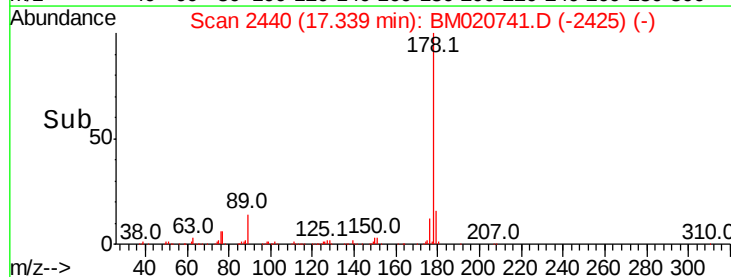
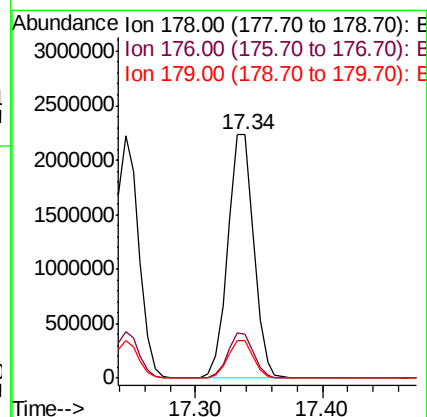
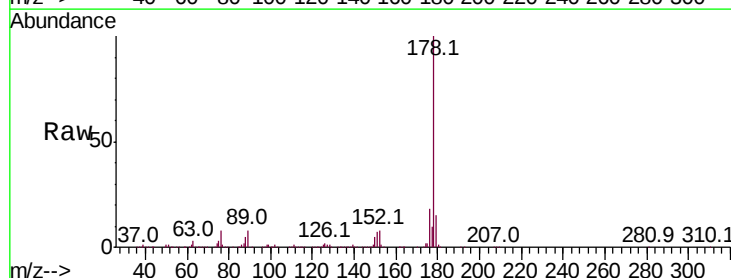
Tgt Ion:178 Resp: 3144591

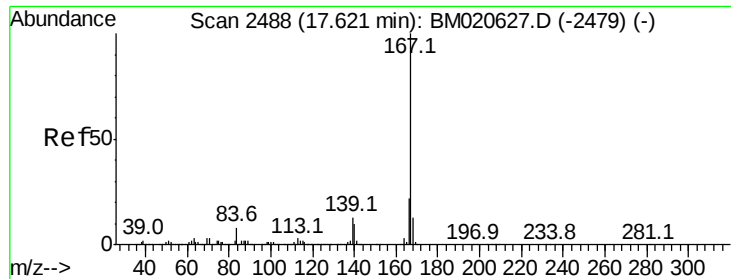
Ion Ratio Lower Upper

178 100

176 18.1 15.1 22.7

179 15.2 12.3 18.5



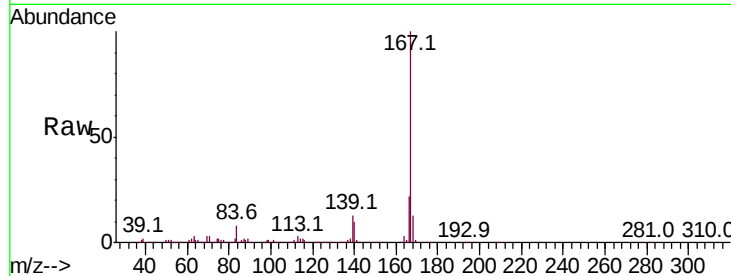


#73
 Carbazole
 Concen: 43.170 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

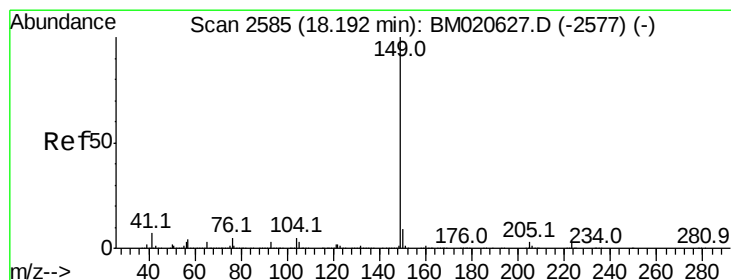
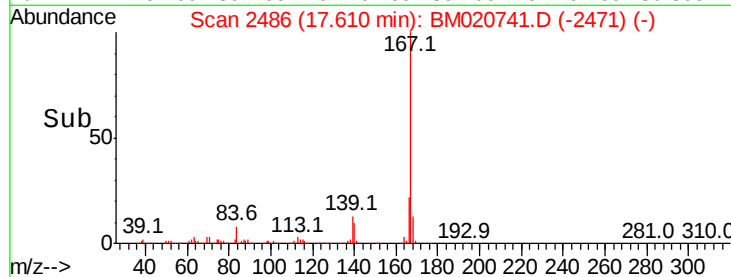
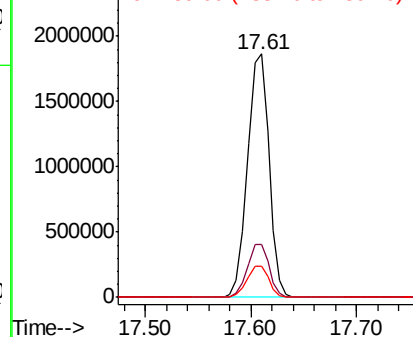
Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion:167 Resp: 2638198

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.9	10.6	15.8



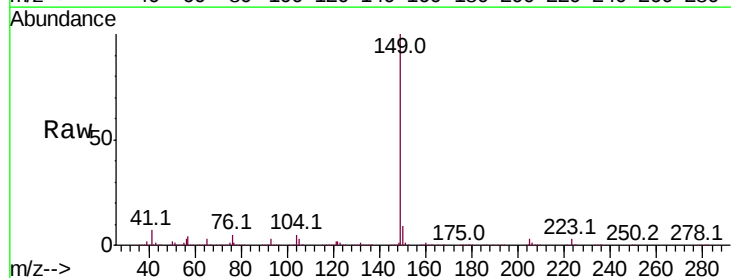
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



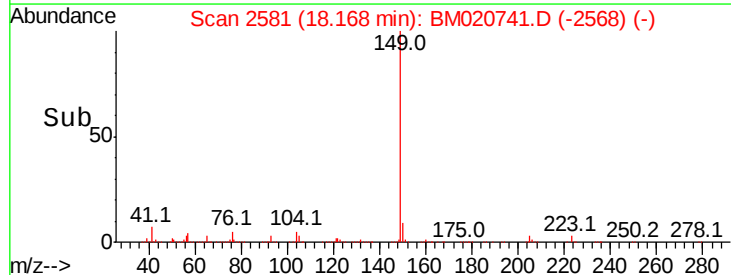
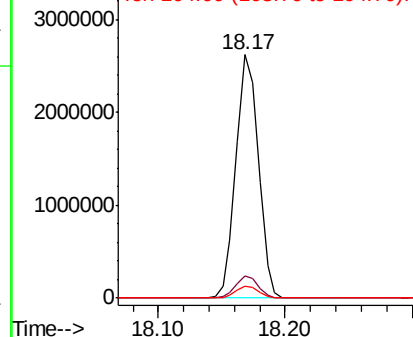
#74
 Di-n-butylphthalate
 Concen: 40.404 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

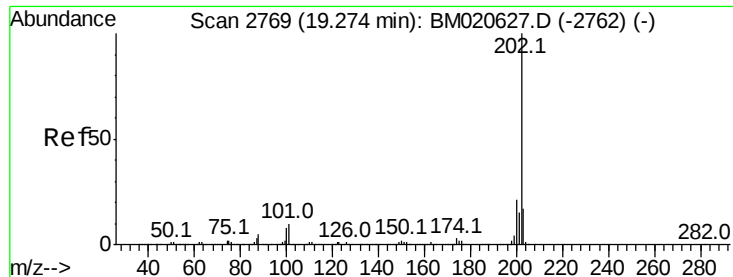
Tgt Ion:149 Resp: 3205257

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	4.9	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.557 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

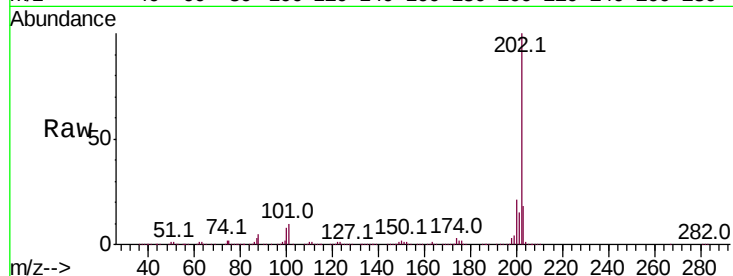
Tot Ion:202 Resp: 3184319

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.4

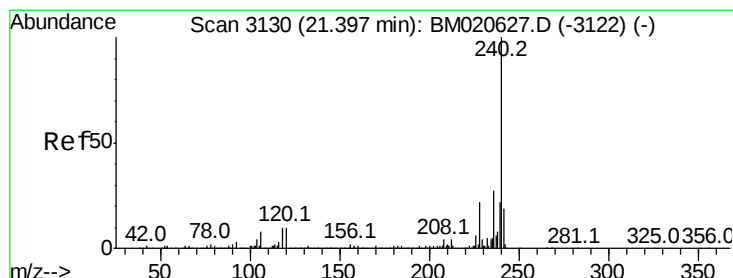
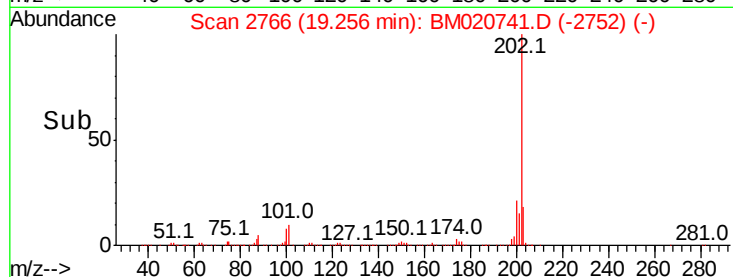
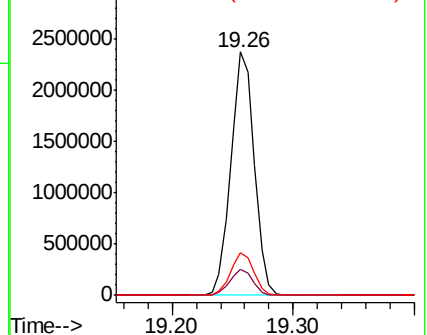
203 17.7 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

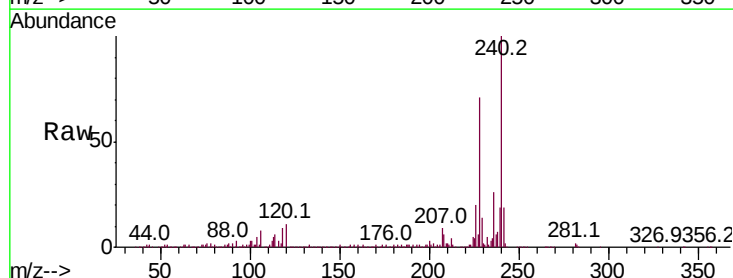
Tgt Ion:240 Resp: 957310

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

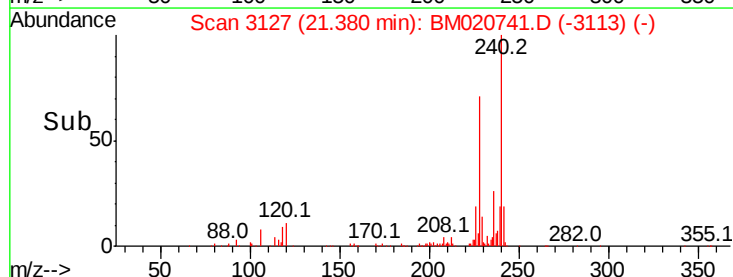
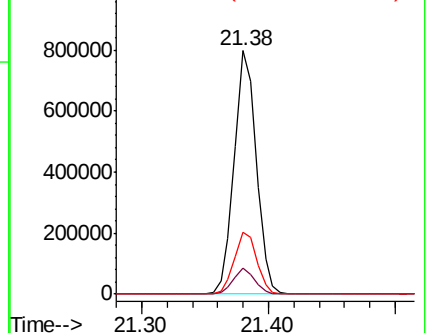
236 25.6 21.2 31.8

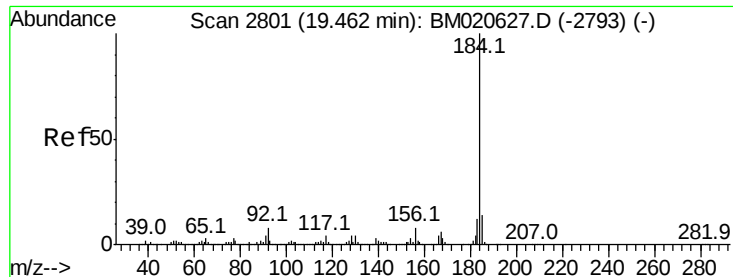


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.861 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

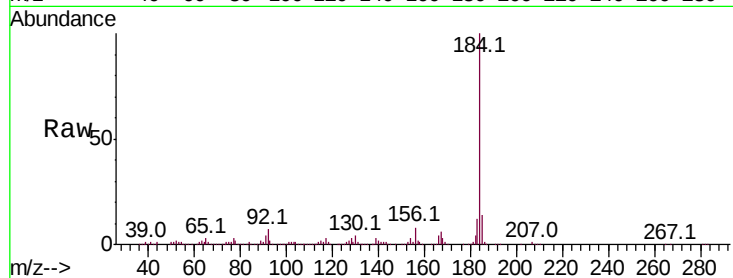
Tot Ion:184 Resp: 1301308

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

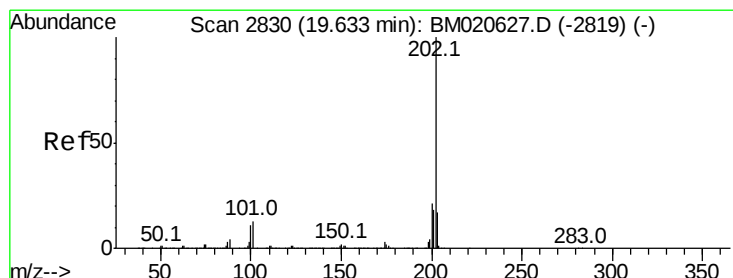
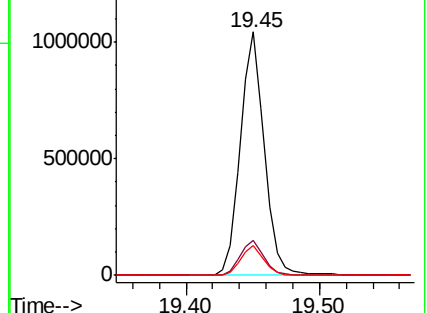
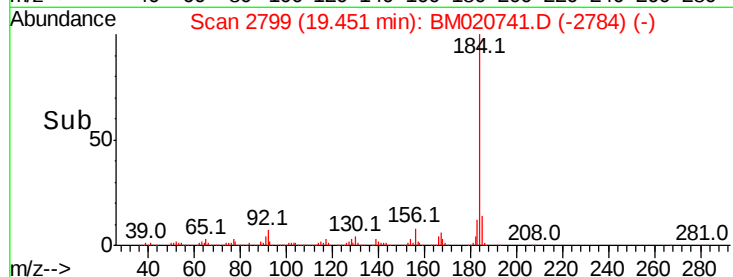
183 12.1 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.736 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

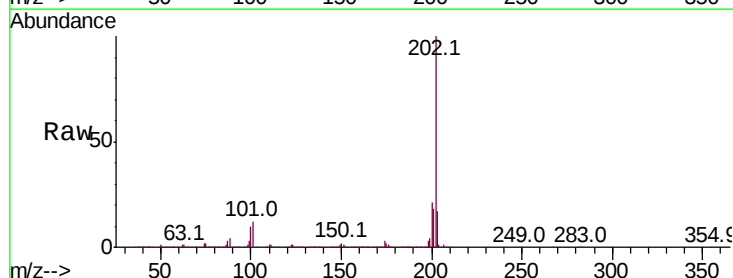
Tgt Ion:202 Resp: 3212945

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

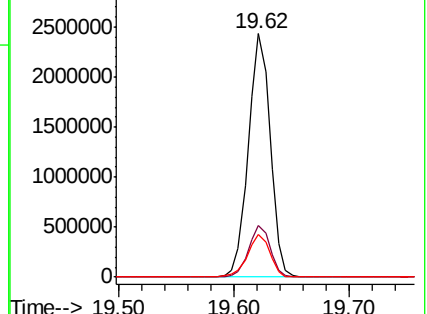
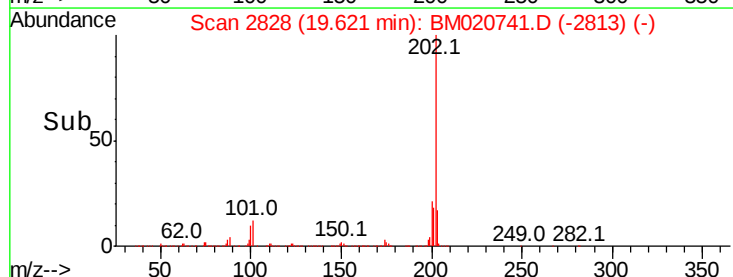
203 17.5 13.9 20.9

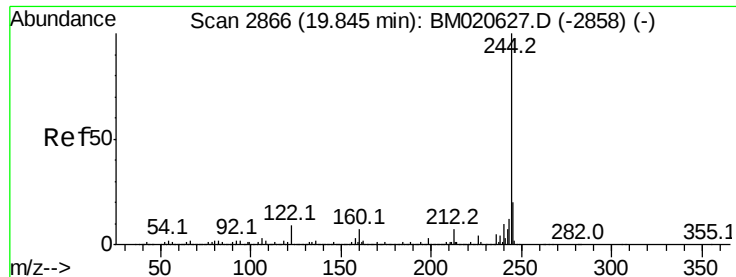


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.928 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

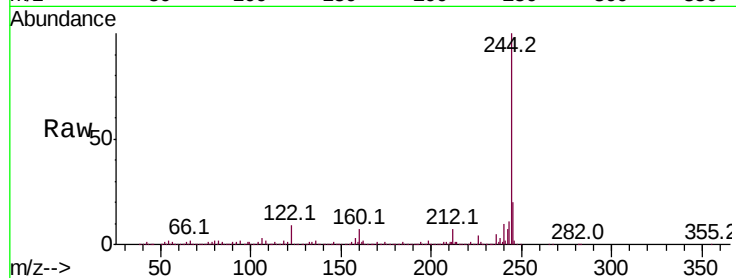
BNA_M

ClientSampleId :

PB120321BS

Tot Ion:244 Resp: 4517310

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.1	7.2	10.8

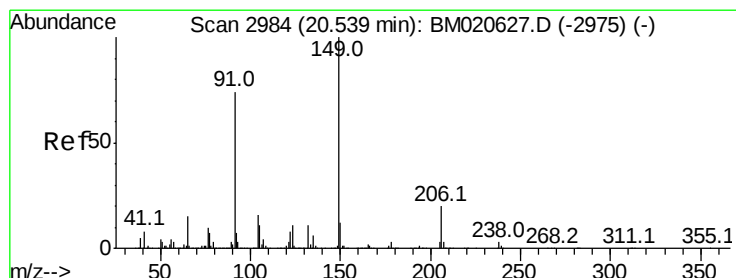
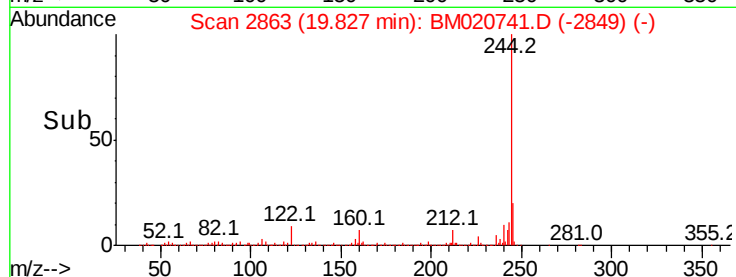
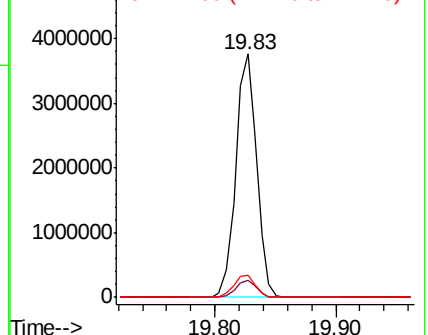


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.114 ng

RT: 20.52 min Scan# 2981

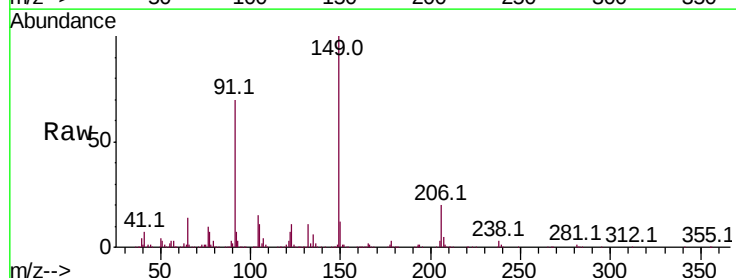
Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:149 Resp: 1214319

Ion	Ratio	Lower	Upper
149	100		
91	70.3	59.6	89.4
206	20.1	15.7	23.5

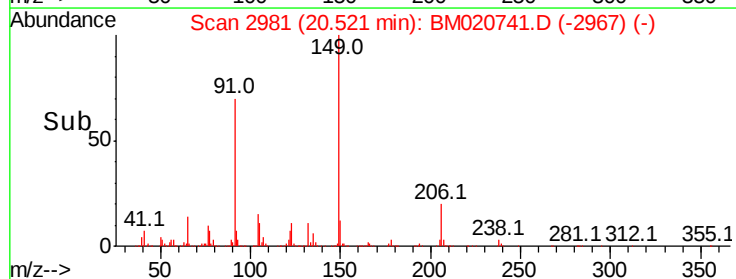
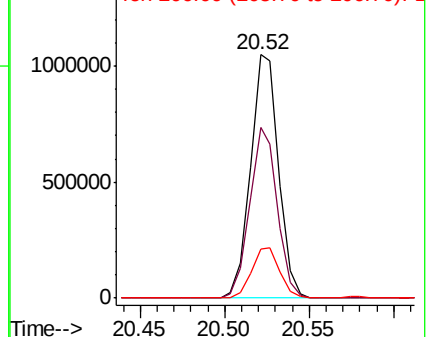


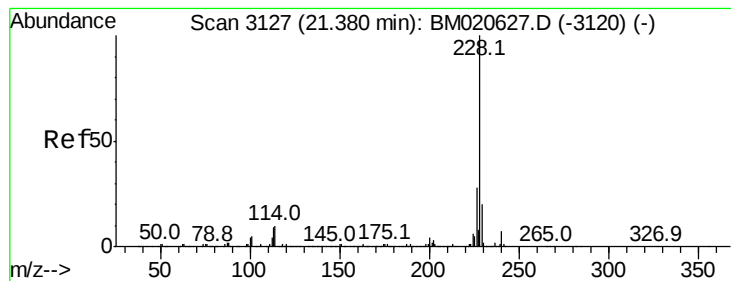
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.844 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

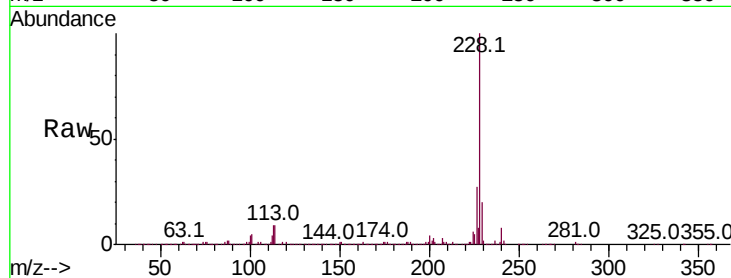
Tot Ion:228 Resp: 2922874

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

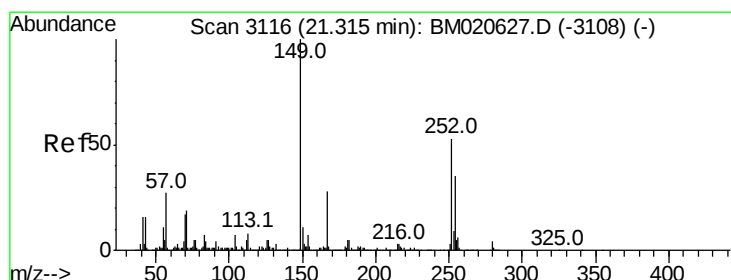
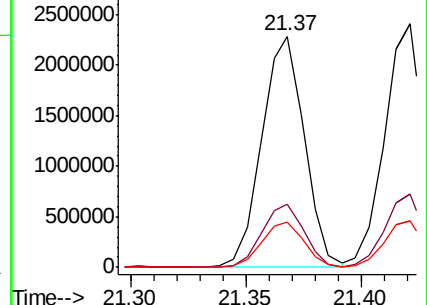
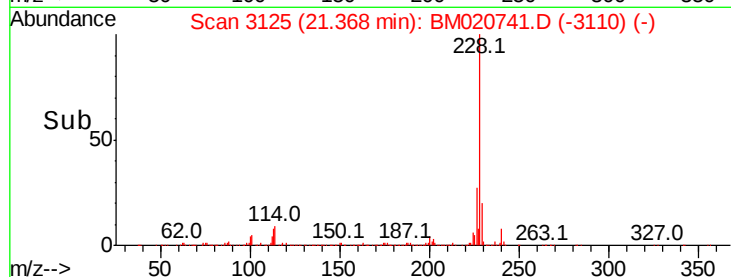
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.097 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

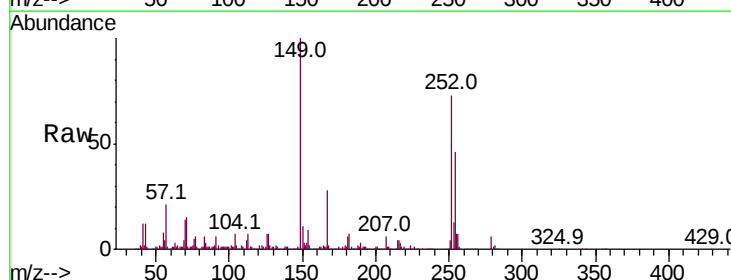
Tgt Ion:252 Resp: 856789

Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

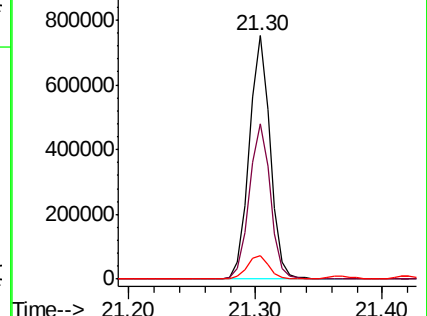
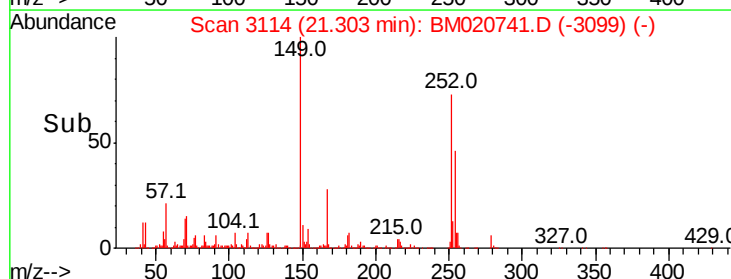
126 9.5 8.0 12.0

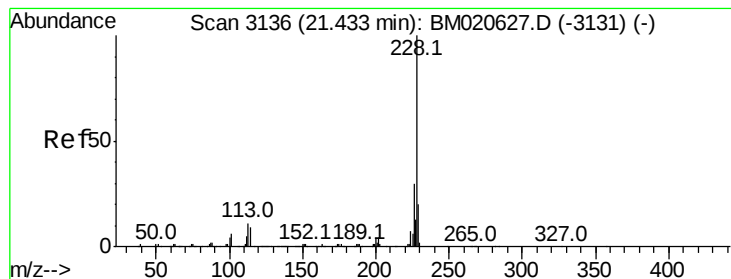


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.914 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

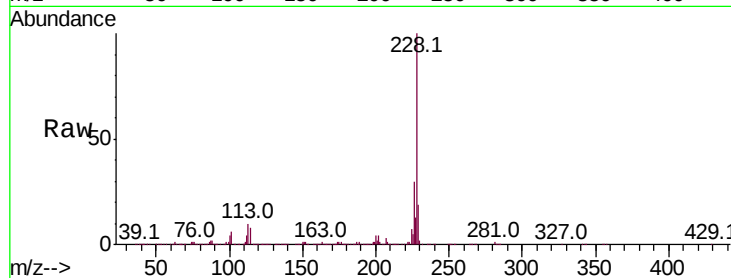
Tot Ion:228 Resp: 2909564

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

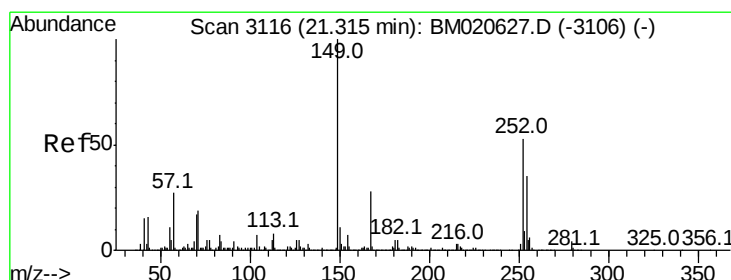
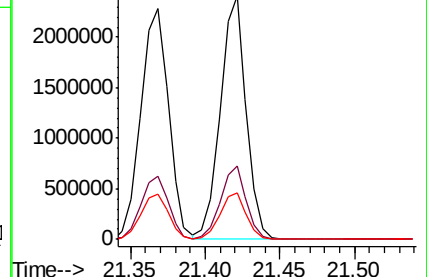
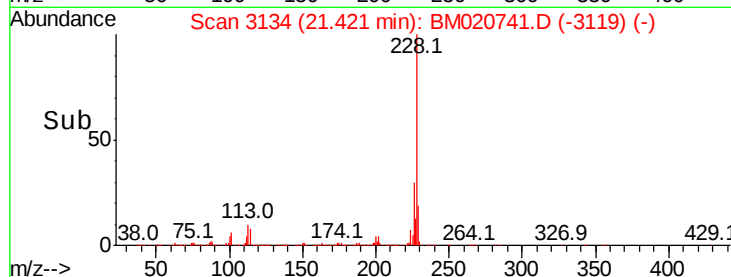
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.312 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

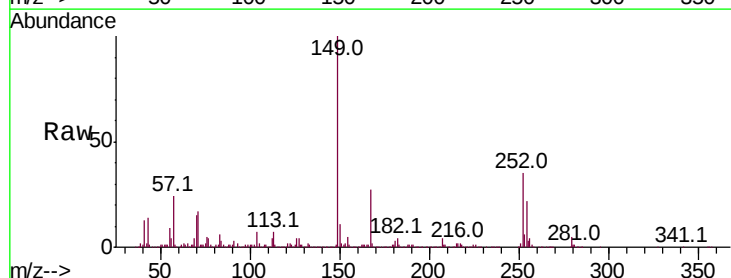
Tgt Ion:149 Resp: 1683531

Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

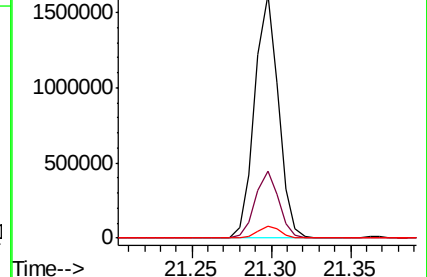
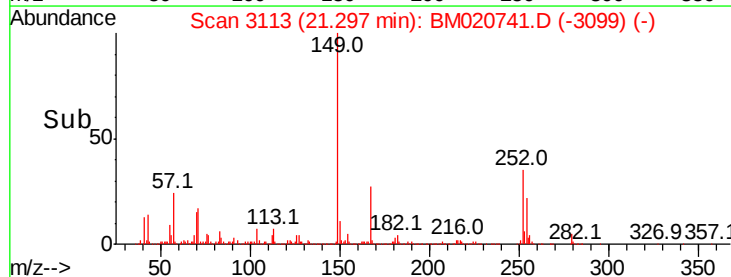
279 4.7 3.4 5.0

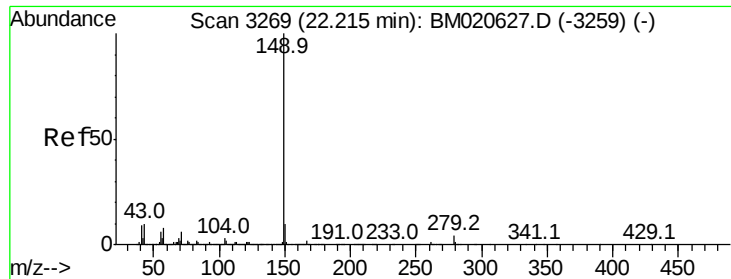


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.311 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

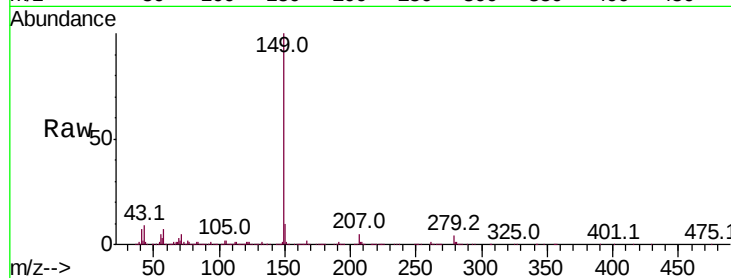
Tot Ion:149 Resp: 2744412

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

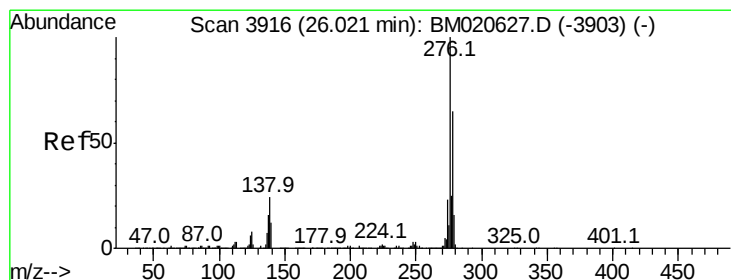
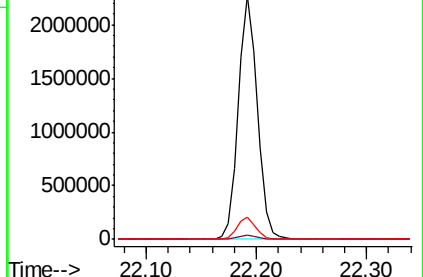
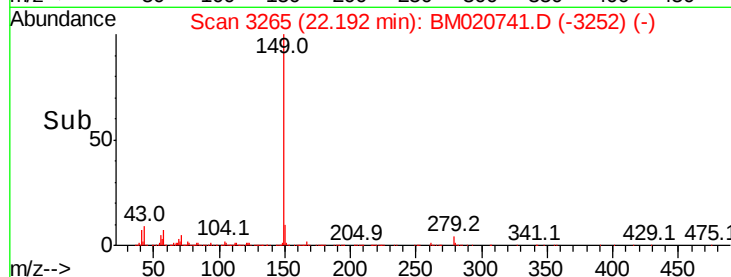
43 8.9 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.659 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

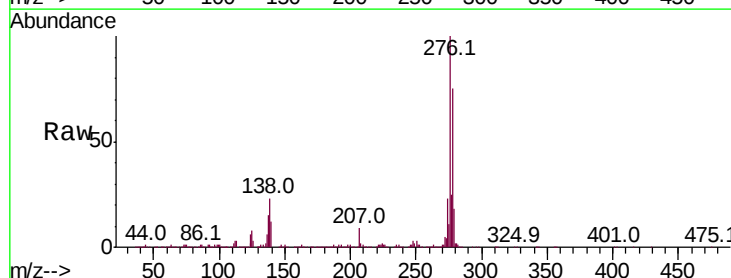
Tgt Ion:276 Resp: 4127036

Ion Ratio Lower Upper

276 100

138 23.0 19.8 29.8

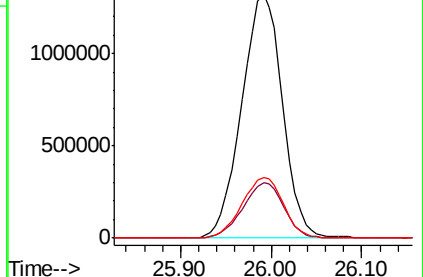
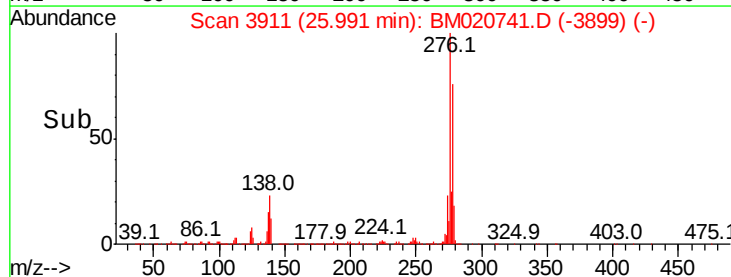
277 25.4 20.2 30.4

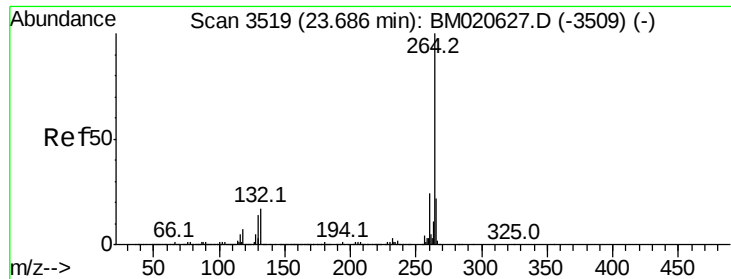


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



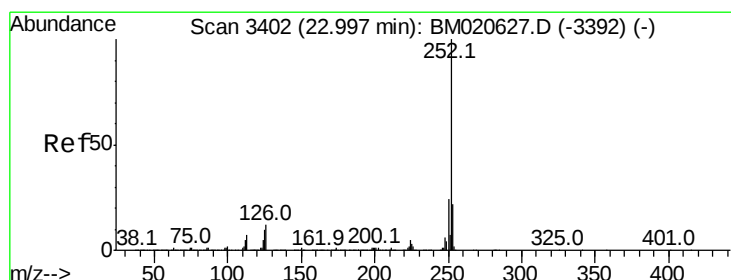
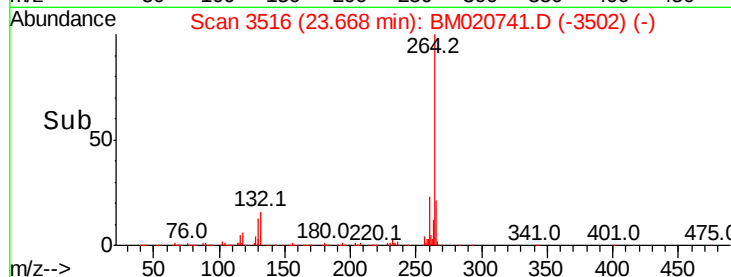
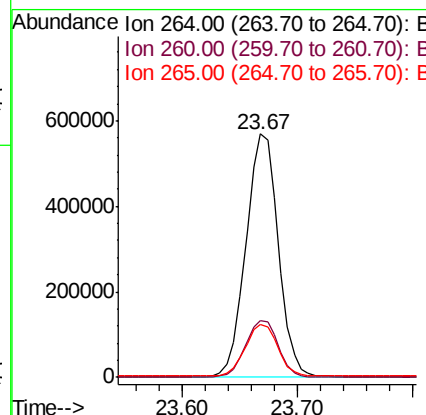
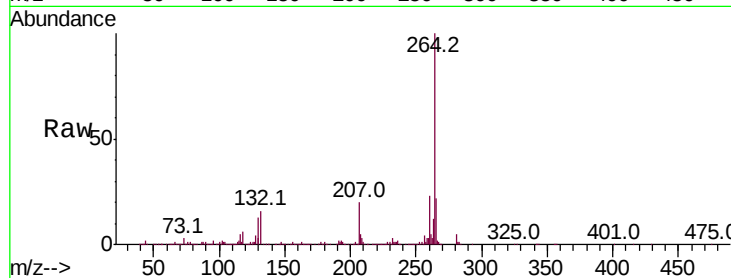


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:264 Resp: 1112142

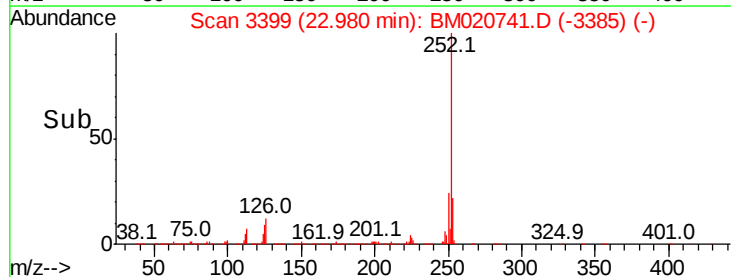
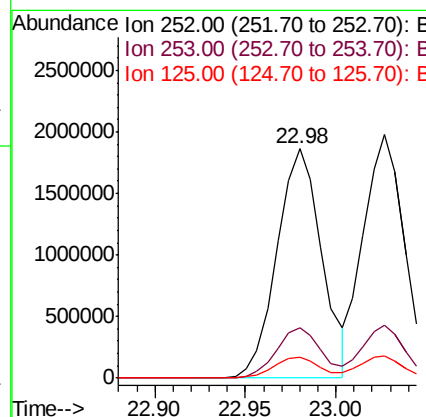
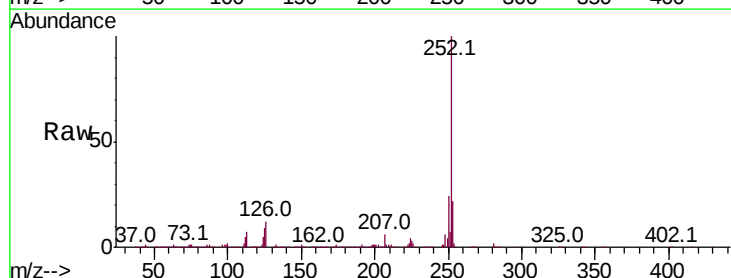
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.6	26.4

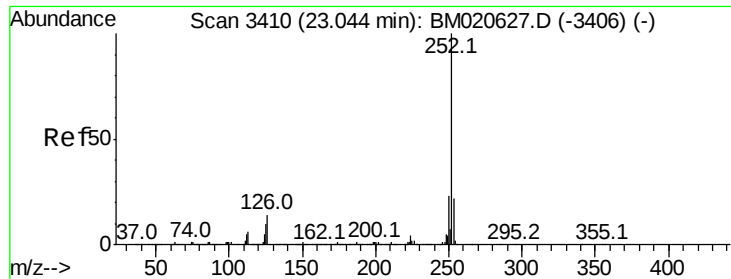


#88
Benzo(b)fluoranthene
Concen: 43.736 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:252 Resp: 3214871

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.1	7.8	11.8

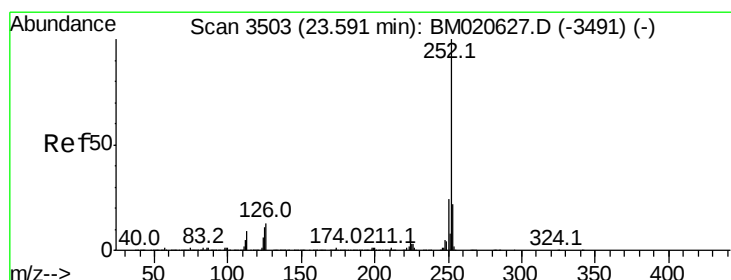
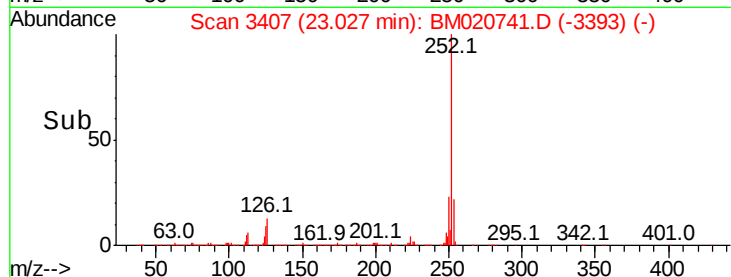
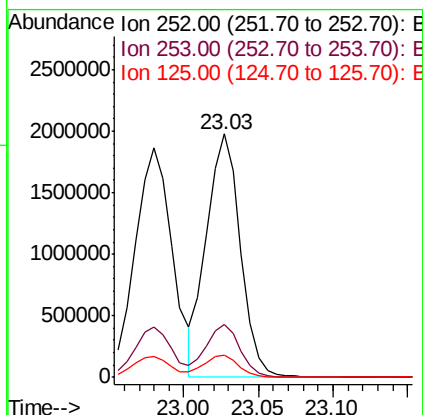
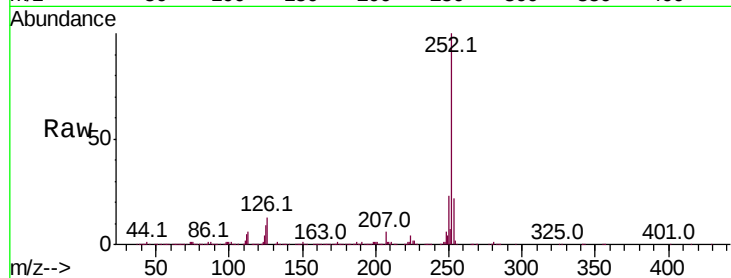




#89
Benzo(k)fluoranthene
Concen: 43.255 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

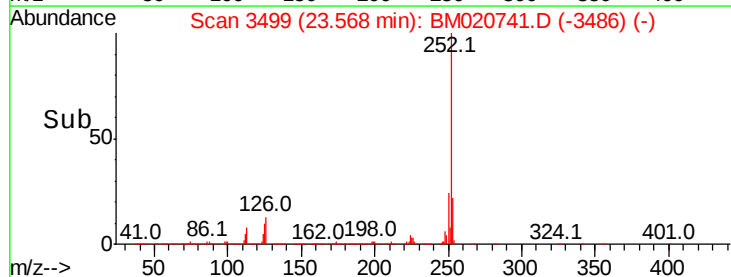
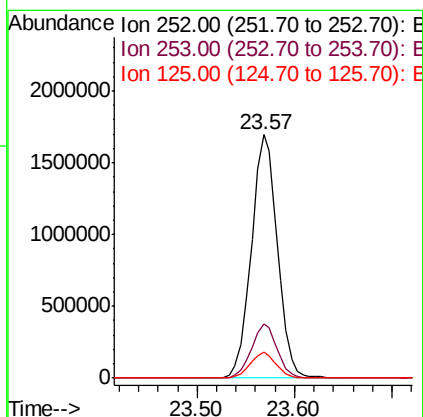
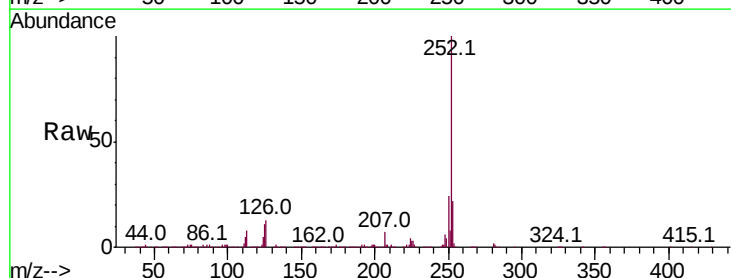
Instrument :
BNA_M
ClientSampleId :
PB120321BS

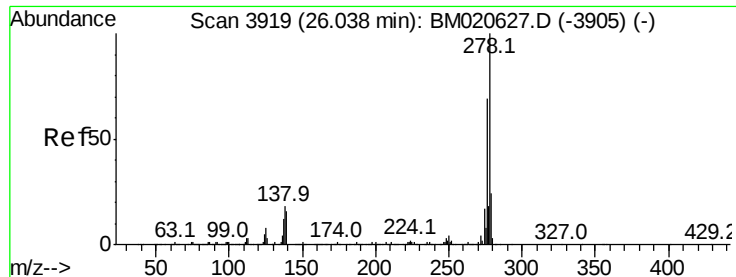
Tot Ion:252 Resp: 3107183
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.9 7.8 11.8



#90
Benzo(a)pyrene
Concen: 47.640 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:252 Resp: 3176356
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 8.6 13.0

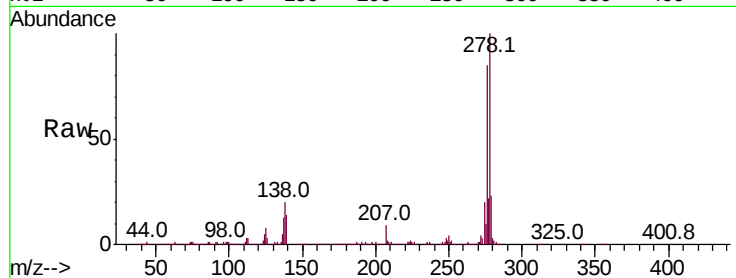




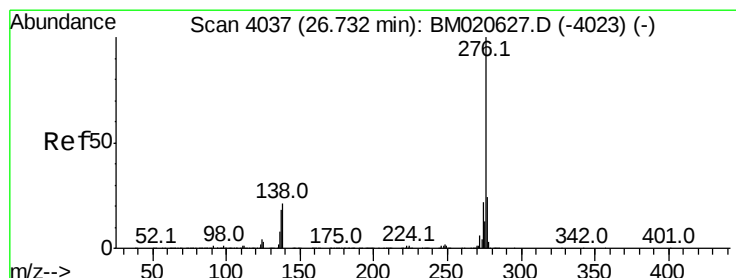
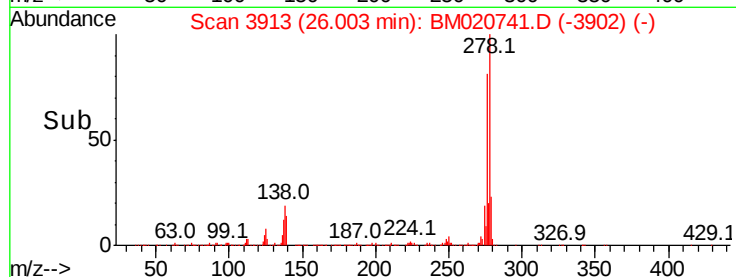
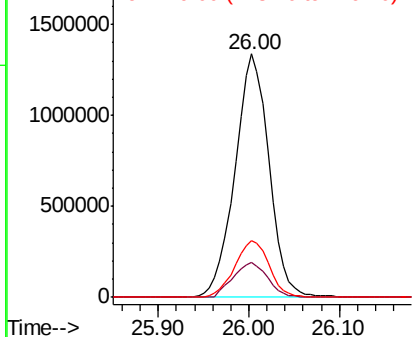
#91
Dibenzo(a,h)anthracene
Concen: 53.623 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:278 Resp: 3468604
Ion Ratio Lower Upper
278 100
139 14.3 12.6 18.8
279 23.1 19.0 28.6

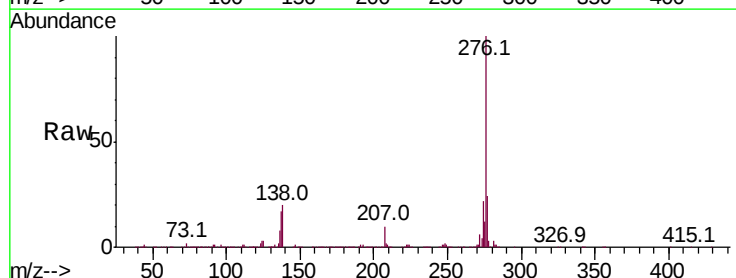


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.246 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:276 Resp: 3379393
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 19.9 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

