

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020735.D
 Acq On : 05 Jun 2019 14:19
 Operator : HP/JU
 Sample : PB120137BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Quant Time: Jun 05 18:23:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	326062	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1246728	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	644432	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1218740	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1004707	20.00	ng	0.00
87) Perylene-d12	23.67	264	1179162	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2528048	136.39	ng	0.00
7) Phenol-d6	6.99	99	3292889	120.65	ng	0.00
23) Nitrobenzene-d5	8.99	82	1977371	82.18	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1076690	134.85	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4370473	90.16	ng	0.00
79) Terphenyl-d14	19.83	244	4757188	79.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	312800	41.217	ng	98
3) Pyridine	3.74	79	882124	36.533	ng	100
4) n-Nitrosodimethylamine	3.66	42	392401	37.699	ng	99
6) Aniline	7.16	93	1139135	28.845	ng	99
8) 2-Chlorophenol	7.39	128	990502	42.954	ng	100
9) Benzaldehyde	6.97	77	306842	15.646	ng	99
10) Phenol	7.02	94	1199998	40.798	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	883397	37.686	ng	100
12) 1,3-Dichlorobenzene	7.71	146	1042697	39.344	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1063246	39.464	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1018653	38.851	ng	99
15) Benzyl Alcohol	8.06	79	863949	35.781	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1194744	33.013	ng	98
17) 2-Methylphenol	8.26	107	794829	38.429	ng	99
18) Hexachloroethane	8.89	117	386562	37.475	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	725591	33.072	ng	99
20) 3+4-Methylphenols	8.59	107	1046943	37.204	ng	98
22) Acetophenone	8.65	105	1359992	42.941	ng	# 100
24) Nitrobenzene	9.03	77	1074535	43.743	ng	98
25) Isophorone	9.55	82	1881569	39.310	ng	99
26) 2-Nitrophenol	9.73	139	464195	50.703	ng	99
27) 2,4-Dimethylphenol	9.79	122	841734	49.066	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1155028	39.910	ng	99
29) 2,4-Dichlorophenol	10.26	162	871514	45.917	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	972641	44.567	ng	99
31) Naphthalene	10.66	128	2798787	43.655	ng	99
32) Benzoic acid	9.92	122	438112	41.368	ng	100
33) 4-Chloroaniline	10.77	127	464331	15.562	ng	98
34) Hexachlorobutadiene	10.94	225	568664	43.426	ng	99
35) Caprolactam	11.56	113	209687	31.801	ng	95
36) 4-Chloro-3-methylphenol	11.89	107	870368	39.441	ng	100
37) 2-Methylnaphthalene	12.27	142	2021454	42.539	ng	100
38) 1-Methylnaphthalene	12.50	142	1887101	41.705	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1043598	49.416	ng	99

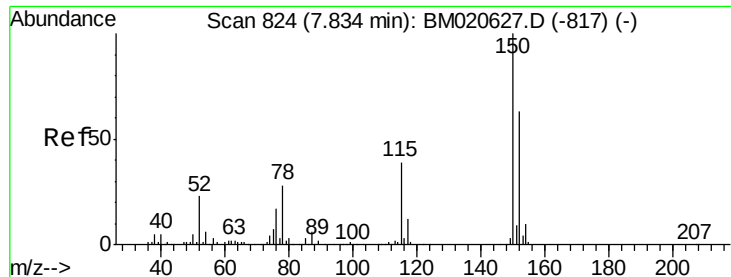
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020735.D
 Acq On : 05 Jun 2019 14:19
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1323770	104.807	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	644832	47.436	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	683080	48.673	ng	98
46) 1,1'-Biphenyl	13.29	154	2496973	46.394	ng	100
47) 2-Chloronaphthalene	13.33	162	1935987	44.569	ng	99
48) 2-Nitroaniline	13.54	65	522077	38.293	ng	99
49) Acenaphthylene	14.18	152	2992841	44.157	ng	100
50) Dimethylphthalate	13.92	163	2230169	40.506	ng	99
51) 2,6-Dinitrotoluene	14.04	165	484868	43.372	ng	98
52) Acenaphthene	14.52	154	1745614	43.218	ng	100
53) 3-Nitroaniline	14.37	138	294313	23.586	ng	98
54) 2,4-Dinitrophenol	14.57	184	385679	80.175	ng	99
55) Dibenzofuran	14.86	168	2699914	43.039	ng	99
56) 4-Nitrophenol	14.67	139	744527	80.969	ng	99
57) 2,4-Dinitrotoluene	14.83	165	619071	41.358	ng	98
58) Fluorene	15.51	166	2133169	41.350	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.08	232	566713	46.342	ng	98
60) Diethylphthalate	15.29	149	2130851	37.526	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1118698	40.956	ng	98
62) 4-Nitroaniline	15.53	138	443971	33.548	ng	100
63) Azobenzene	15.80	77	2017566	37.061	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	238314	43.897	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1798648	46.102	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	641922	44.735	ng	98
68) Hexachlorobenzene	16.50	284	745555	44.495	ng	99
69) Atrazine	16.67	200	559859	48.081	ng	100
70) Pentachlorophenol	16.85	266	820680	102.667	ng	100
71) Phenanthrene	17.24	178	2989137	43.269	ng	100
72) Anthracene	17.33	178	3036505	43.917	ng	99
73) Carbazole	17.61	167	2603939	41.501	ng	100
74) Di-n-butylphthalate	18.17	149	3119884	38.304	ng	99
75) Fluoranthene	19.26	202	3109555	40.476	ng	100
77) Benzidine	19.45	184	1342731	44.106	ng	100
78) Pyrene	19.62	202	3185677	41.319	ng	99
80) Butylbenzylphthalate	20.52	149	1198239	36.776	ng	100
81) Benzo(a)anthracene	21.37	228	2925516	41.813	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	874146	34.118	ng	99
83) Chrysene	21.42	228	2888040	43.424	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1679707	35.471	ng	99
85) Di-n-octyl phthalate	22.19	149	2741326	36.463	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4188453	61.558	ng	99
88) Benzo(b)fluoranthene	22.98	252	3246487	41.656	ng	100
89) Benzo(k)fluoranthene	23.03	252	3104095	40.756	ng	100
90) Benzo(a)pyrene	23.57	252	3200147	45.269	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3530877	51.483	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3448047	54.127	ng	99

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

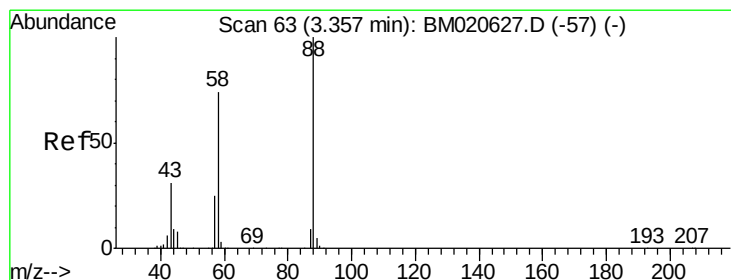
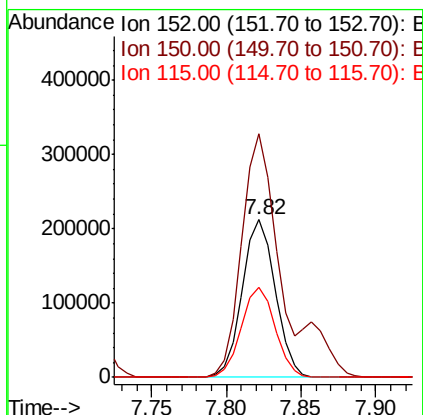
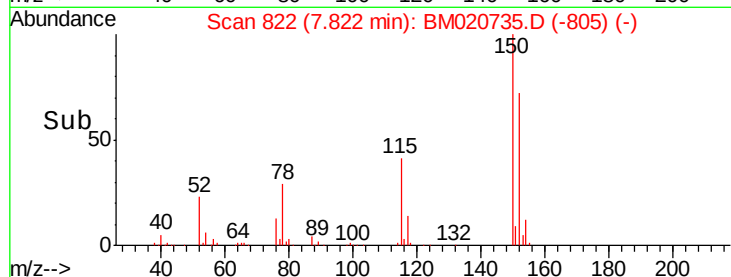
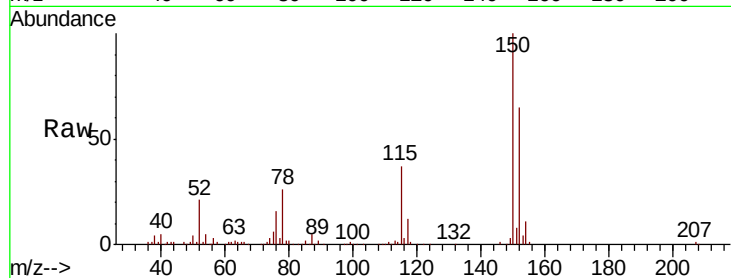


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

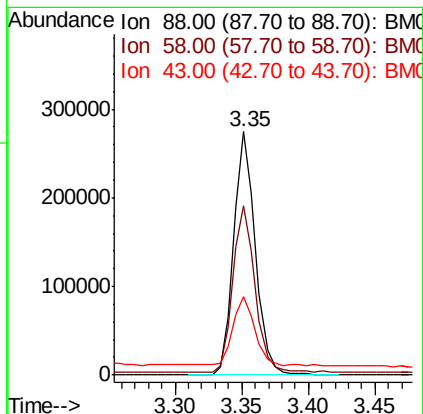
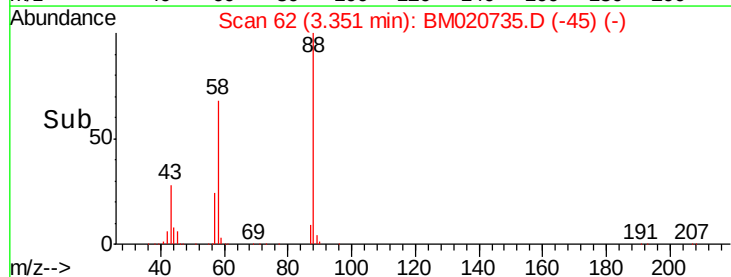
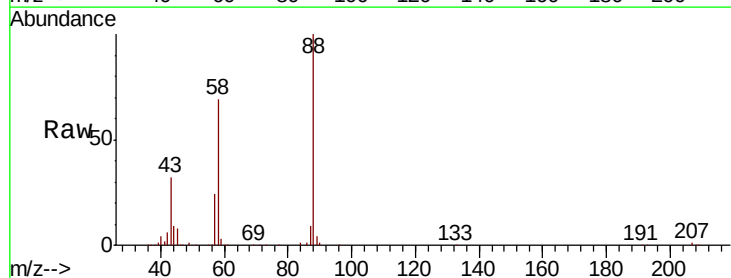
Tot Ion:152 Resp: 326062
Ion Ratio Lower Upper
152 100
150 154.8 124.0 186.0
115 57.1 47.0 70.6

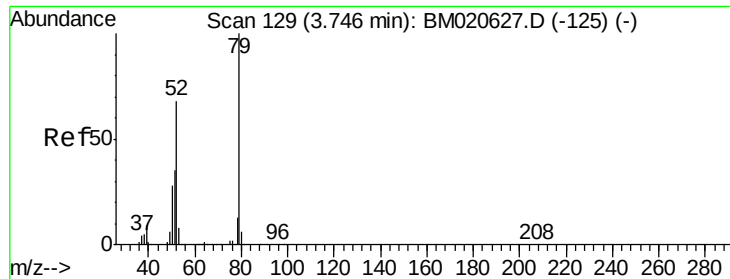


#2

1,4-Dioxane
Concen: 41.217 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion: 88 Resp: 312800
Ion Ratio Lower Upper
88 100
58 70.4 57.2 85.8
43 28.0 24.2 36.4





#3

Pvridine

Concen: 36.533 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

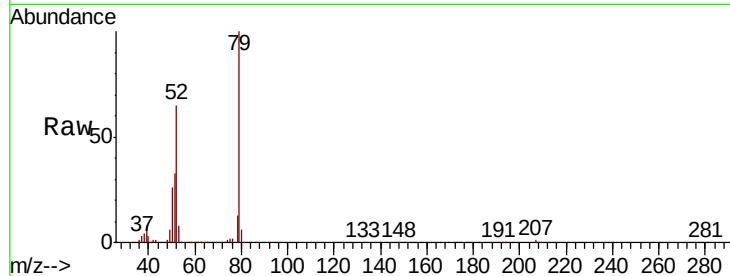
Tot Ion: 79 Resp: 882124

Ion Ratio Lower Upper

79 100

52 65.4 52.0 78.0

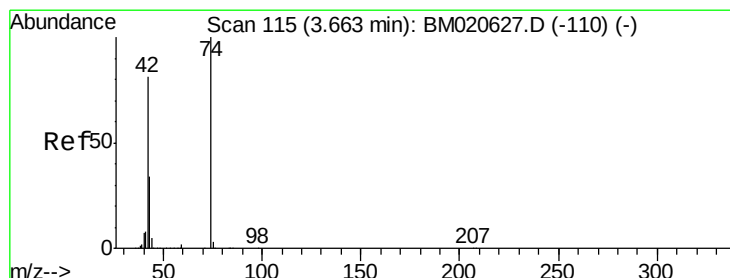
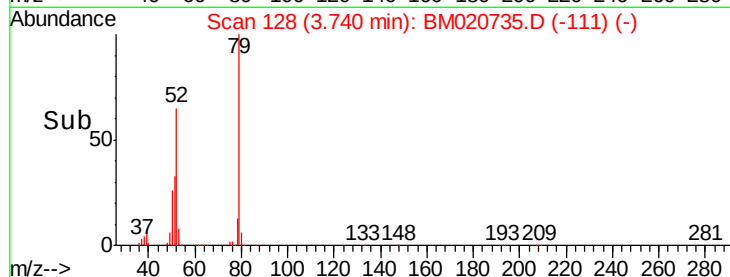
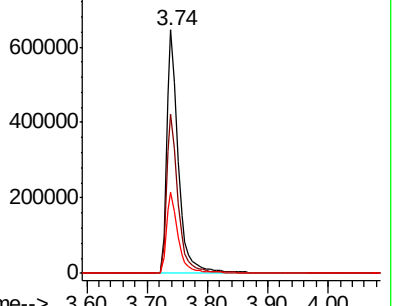
51 33.2 26.5 39.7



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) (-)



#4

n-Nitrosodimethylamine

Concen: 37.699 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

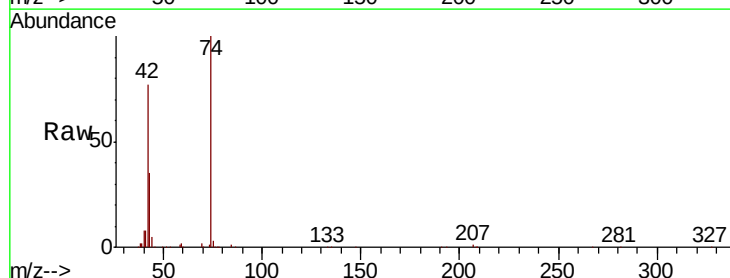
Tgt Ion: 42 Resp: 392401

Ion Ratio Lower Upper

42 100

74 130.2 103.3 154.9

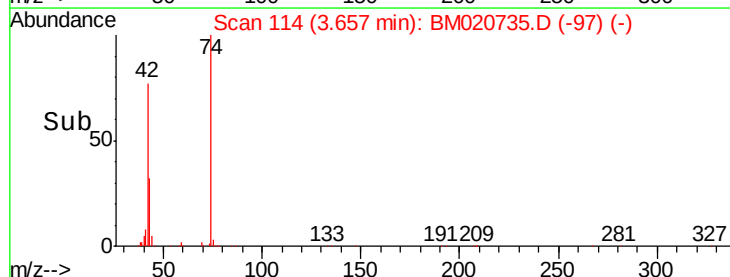
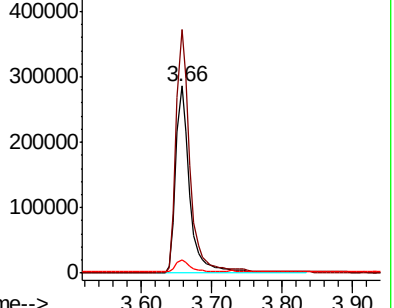
44 7.1 5.9 8.9

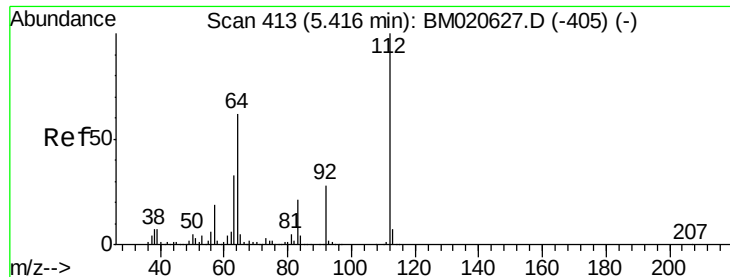


Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

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

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





#5

2-Fluorophenol

Concen: 136.385 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

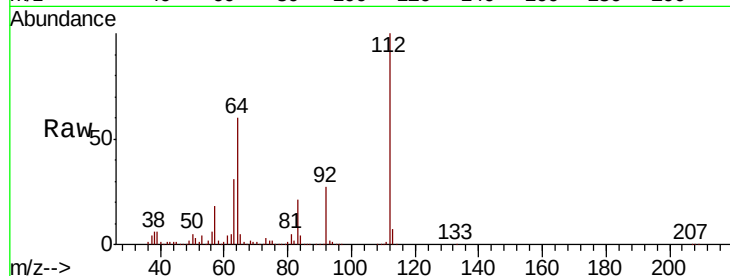
Tot Ion:112 Resp: 2528048

Ion Ratio Lower Upper

112 100

64 59.8 47.8 71.8

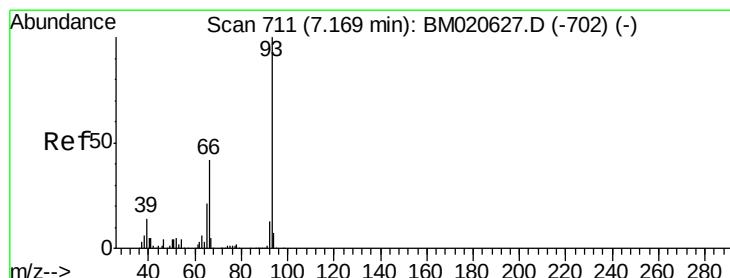
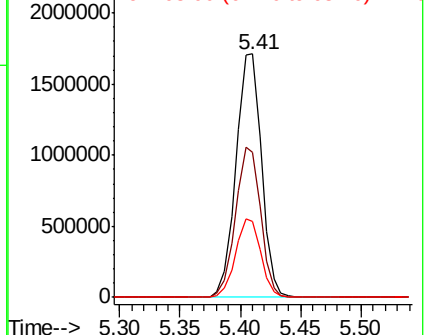
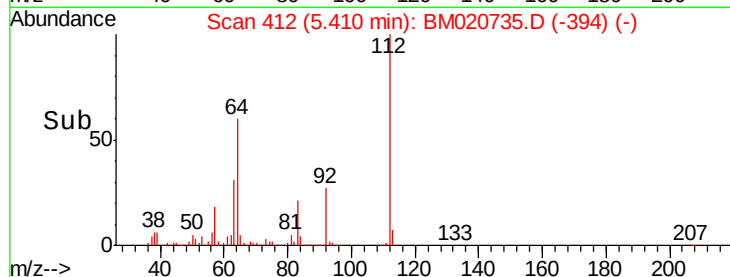
63 31.0 25.4 38.0



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: 28.845 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

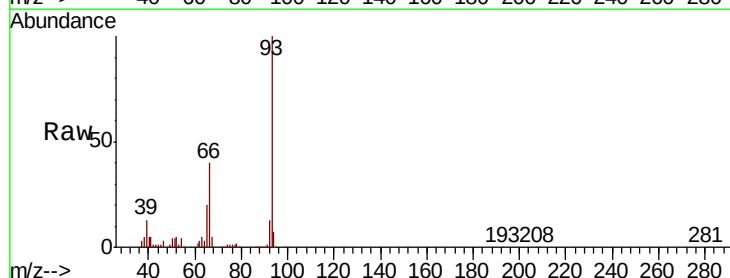
Tgt Ion: 93 Resp: 1139135

Ion Ratio Lower Upper

93 100

66 40.3 33.0 49.4

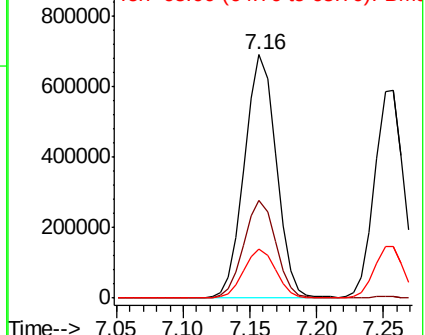
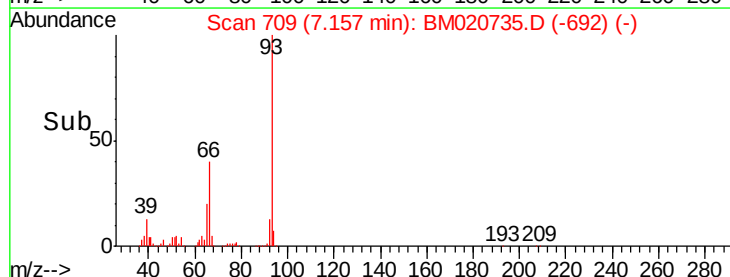
65 20.1 16.1 24.1

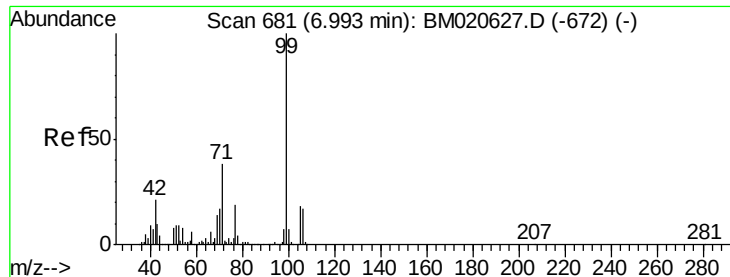


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 120.646 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

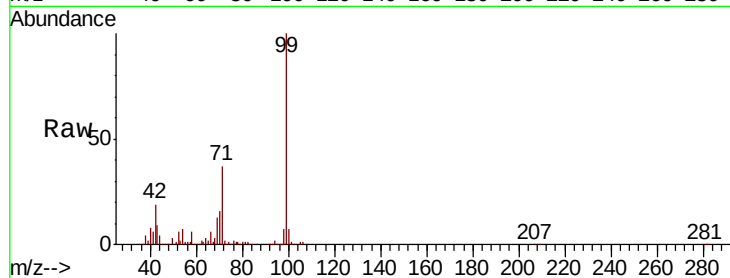
Tot Ion: 99 Resp: 3292889

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.8	22.2
71	36.9	29.5	44.3

99 100

42 18.8 14.8 22.2

71 36.9 29.5 44.3

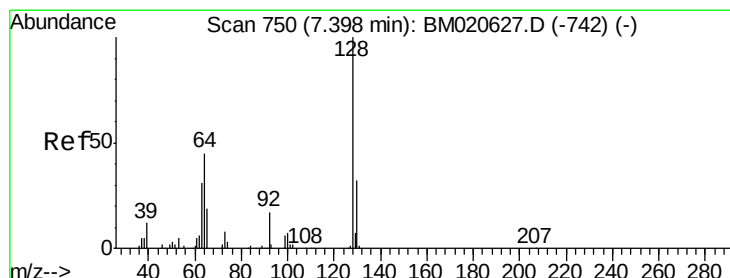
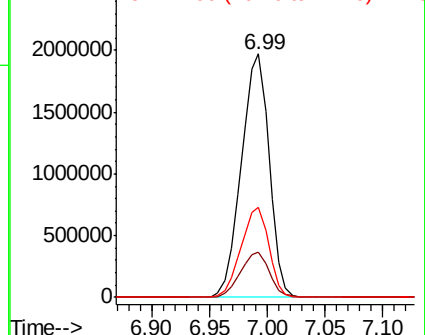
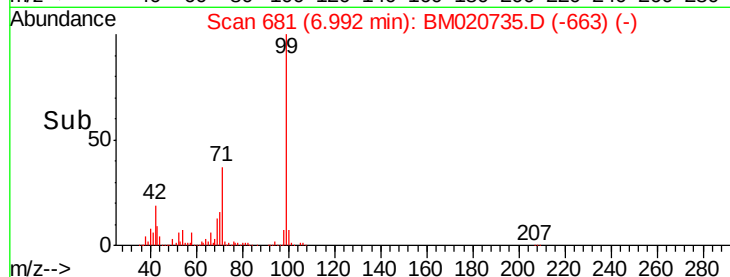


Abundance

Ion 99.00 (98.70 to 99.70): BM020735.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020735.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020735.D (-663) (-)



#8

2-Chlorophenol

Concen: 42.954 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

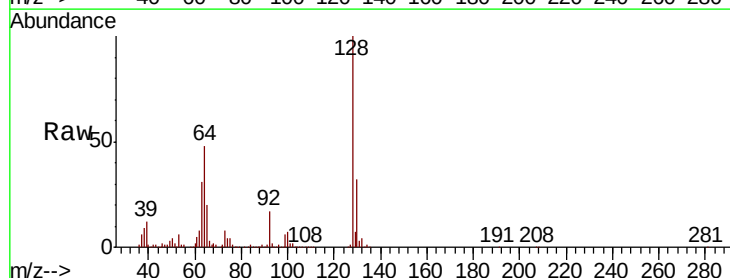
Tgt Ion: 128 Resp: 990502

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	47.6	27.5	67.5

128 100

130 32.4 12.6 52.6

64 47.6 27.5 67.5

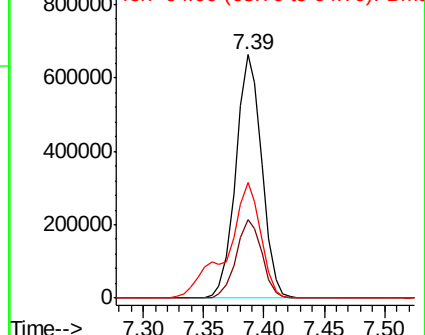
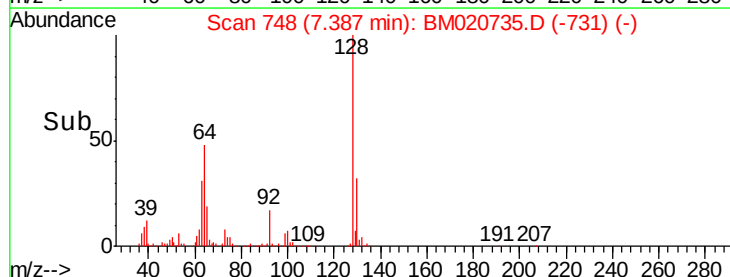


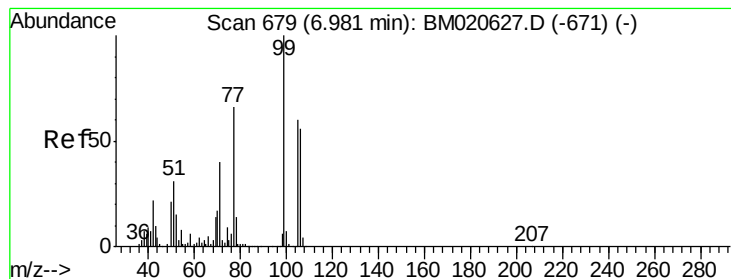
Abundance

Ion 128.00 (127.70 to 128.70): BM020735.D (-731) (-)

Ion 130.00 (129.70 to 130.70): BM020735.D (-731) (-)

Ion 64.00 (63.70 to 64.70): BM020735.D (-731) (-)





#9

Benzaldehyde

Concen: 15.646 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

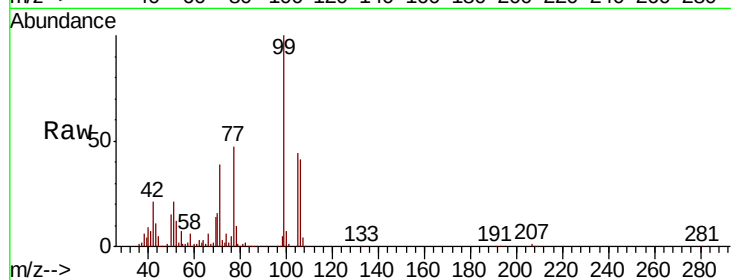
Tot Ion: 77 Resp: 306842

Ion Ratio Lower Upper

77 100

105 95.0 73.6 113.6

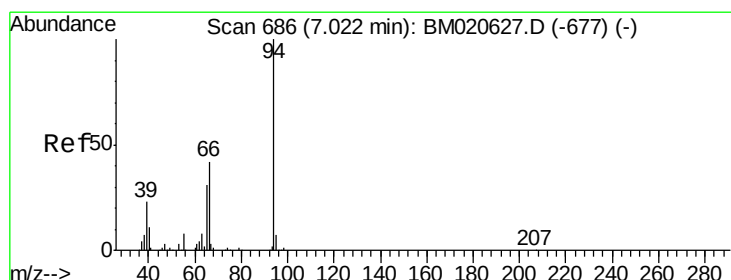
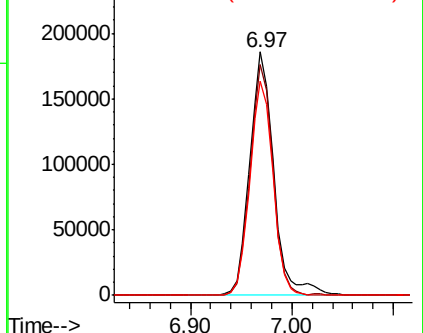
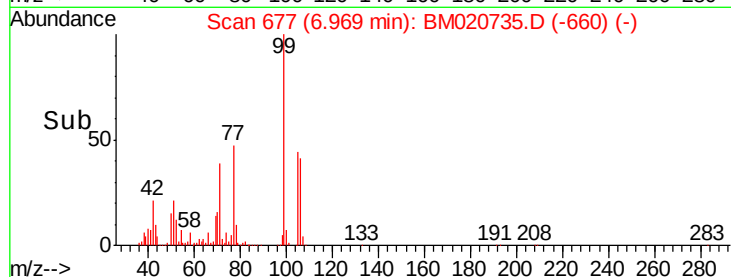
106 87.7 68.3 108.3



Abundance Ion 77.00 (76.70 to 77.70): BM020735.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM020735.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM020735.D (-660) (-)



#10

Phenol

Concen: 40.798 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

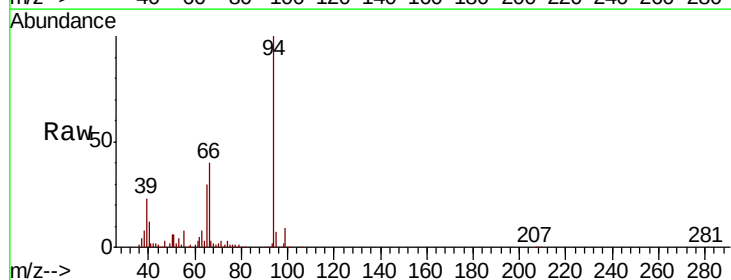
Tgt Ion: 94 Resp: 1199998

Ion Ratio Lower Upper

94 100

65 29.6 9.4 49.4

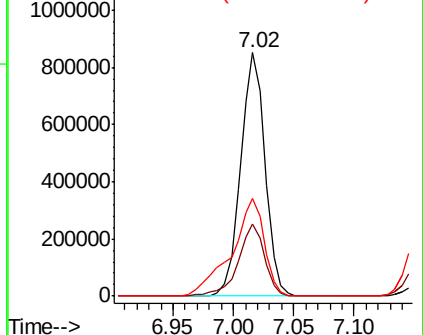
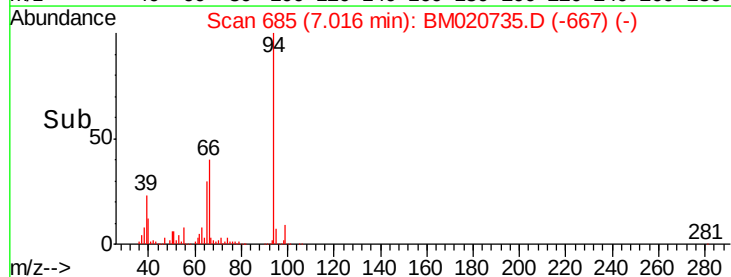
66 40.3 20.7 60.7

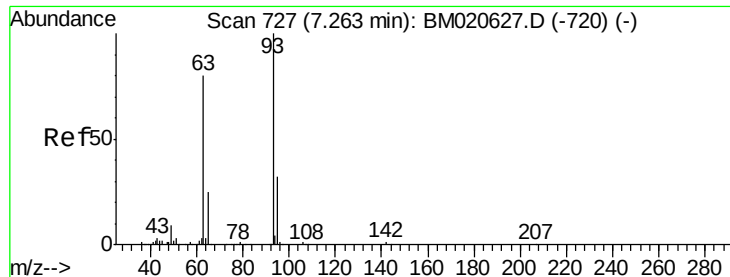


Abundance Ion 94.00 (93.70 to 94.70): BM020735.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM020735.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM020735.D (-667) (-)

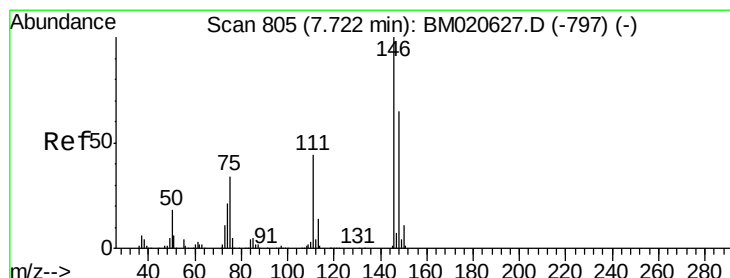
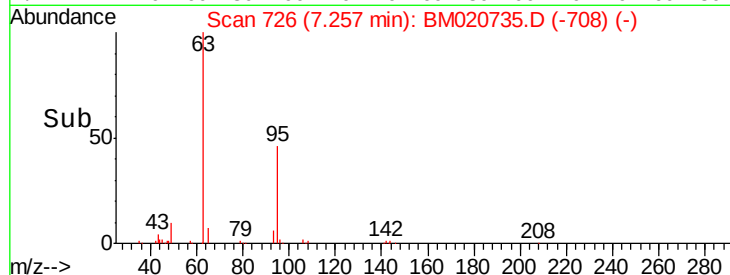
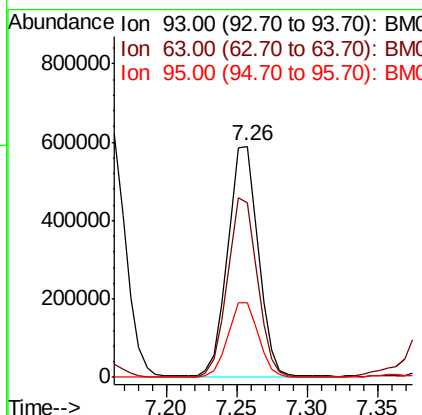
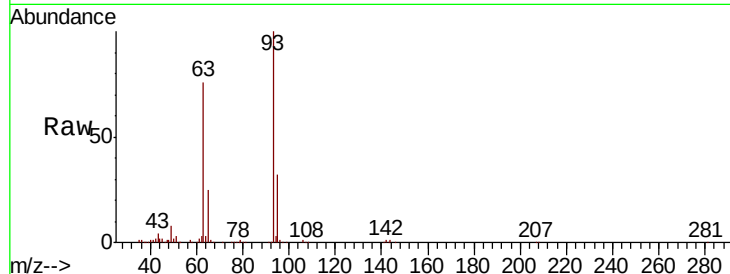




#11
bis(2-Chloroethyl)ether
Concen: 37.686 ng
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

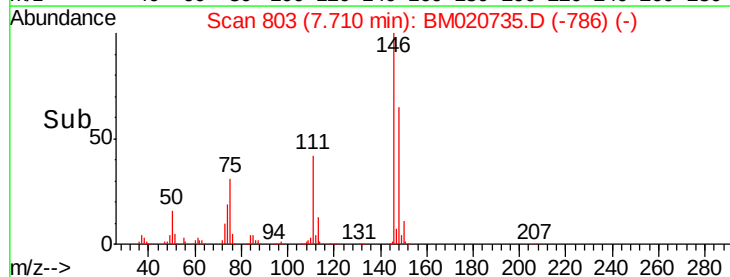
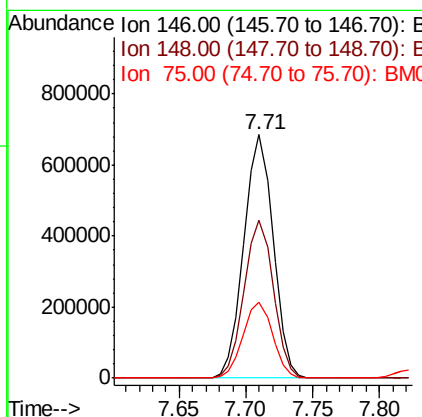
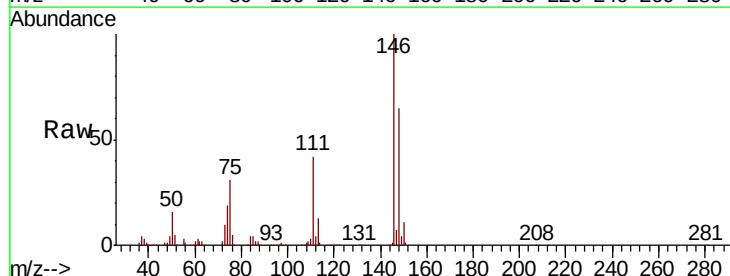
Instrument :
BNA_M
ClientSampleId :
PB120137BS

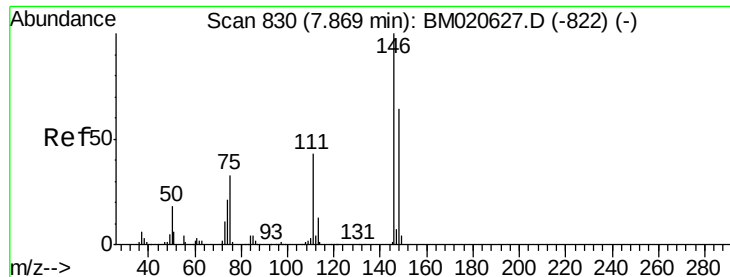
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.0	96.0
95	32.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 39.344 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
75	31.1	25.3	37.9

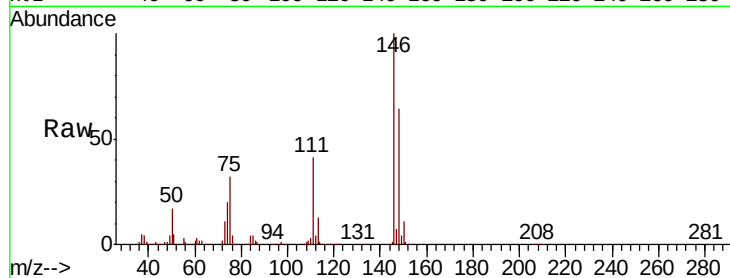




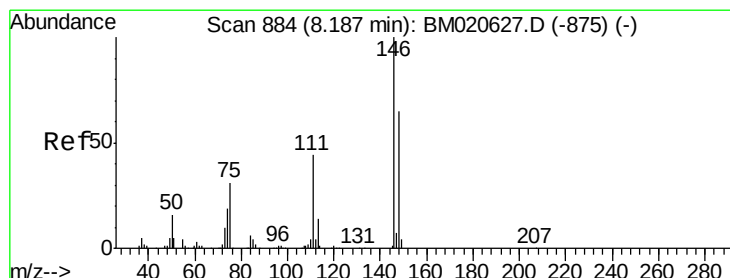
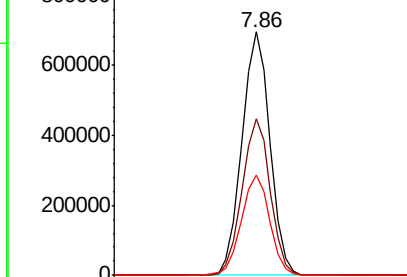
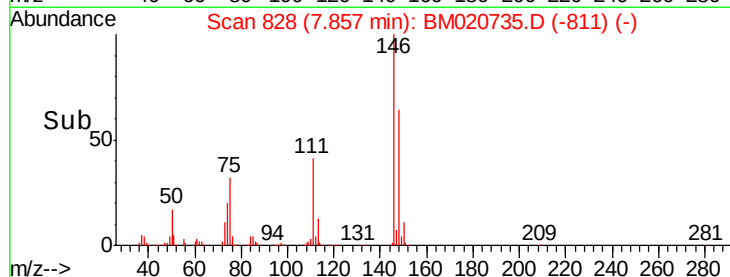
#13
 1,4-Dichlorobenzene
 Concen: 39.464 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion:146 Resp: 1063246
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.5 78.7
 111 41.0 33.8 50.8

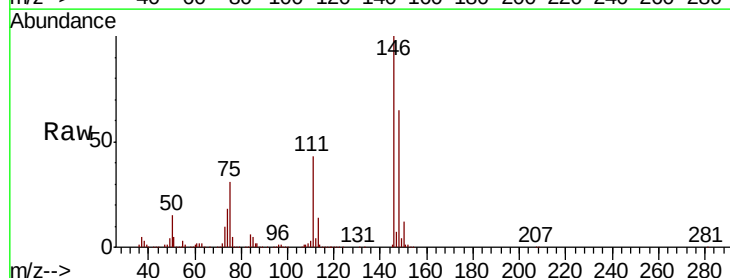


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

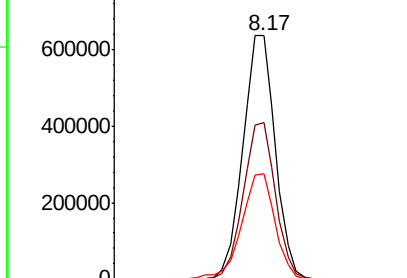
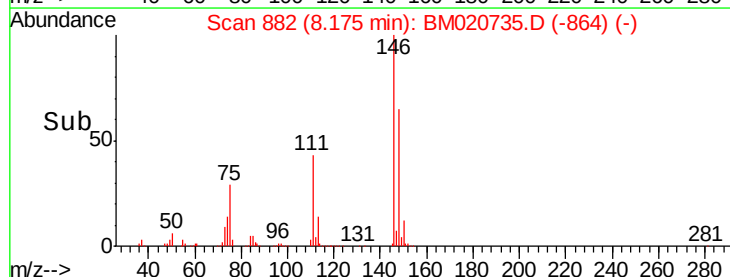


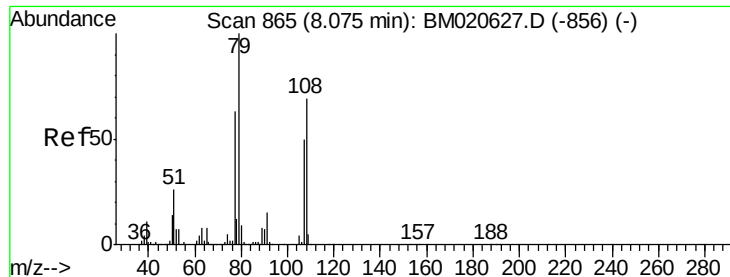
#14
 1,2-Dichlorobenzene
 Concen: 38.851 ng
 RT: 8.17 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion:146 Resp: 1018653
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 43.0 35.3 52.9



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: 35.781 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

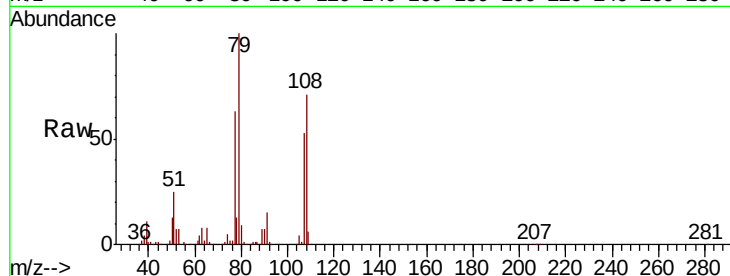
Tot Ion: 79 Resp: 863949

Ion Ratio Lower Upper

79 100

108 70.9 57.2 85.8

77 63.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020735.D (-846) (-)

Ion 108.00 (107.70 to 108.70): BM020735.D (-846) (-)

Ion 77.00 (76.70 to 77.70): BM020735.D (-846) (-)

600000

400000

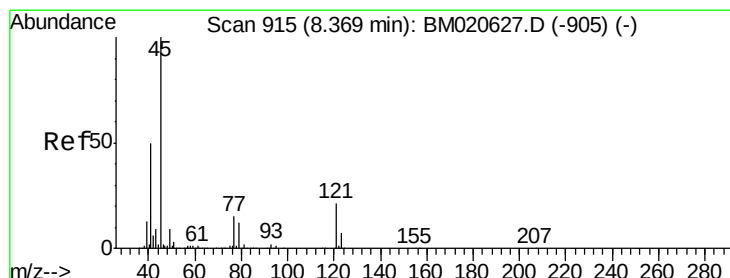
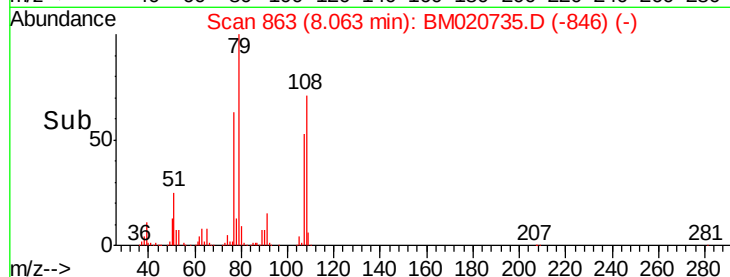
200000

0

8.06

8.00 8.05 8.10

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.013 ng

RT: 8.35 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

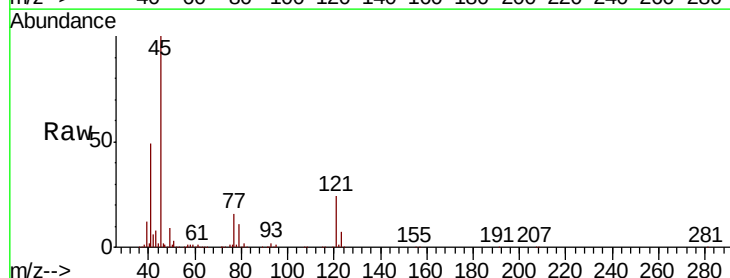
Tgt Ion: 45 Resp: 1194744

Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.4

79 11.5 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BM020735.D (-895) (-)

Ion 77.00 (76.70 to 77.70): BM020735.D (-895) (-)

Ion 79.00 (78.70 to 79.70): BM020735.D (-895) (-)

600000

500000

400000

300000

200000

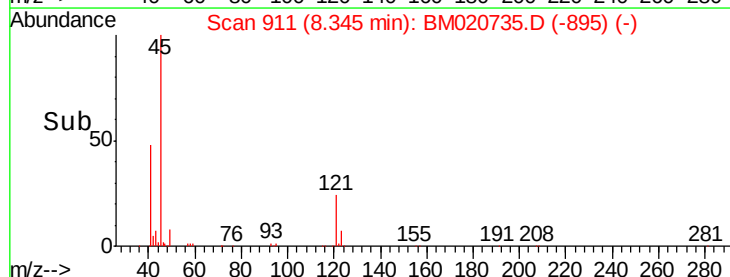
100000

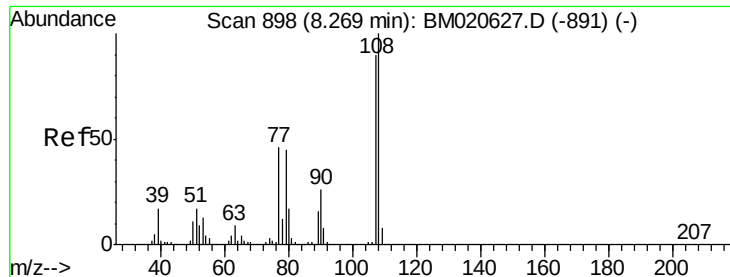
0

8.35

8.25 8.30 8.35 8.40

Time-->

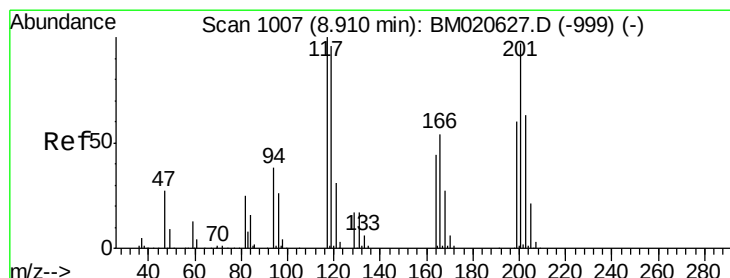
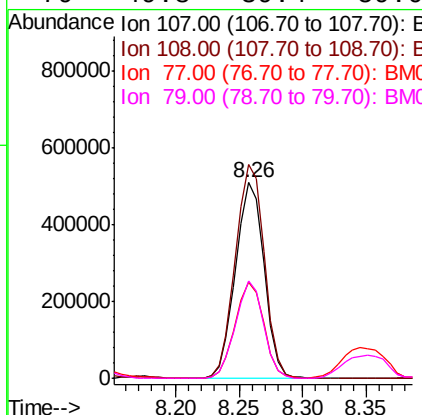
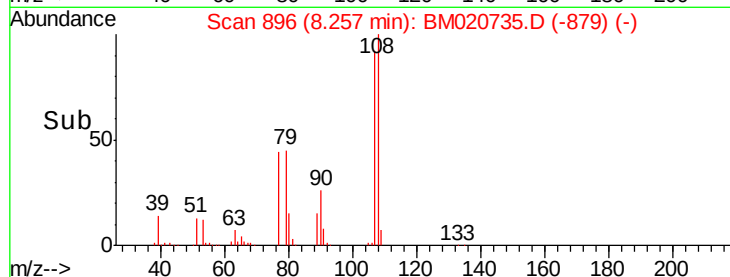
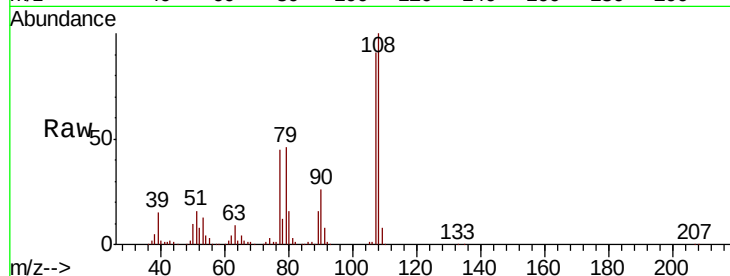




#17
2-Methylphenol
Concen: 38.429 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

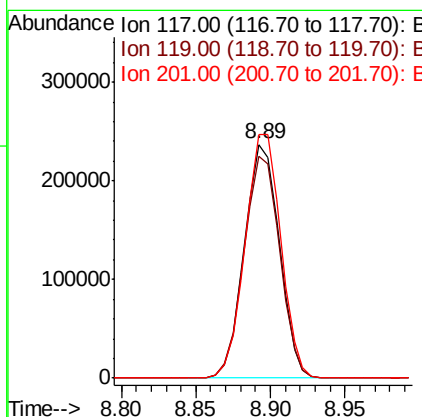
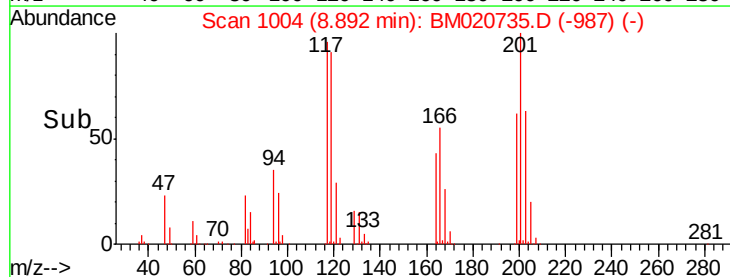
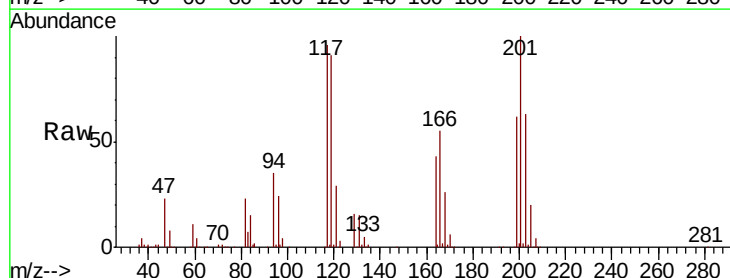
Instrument :
BNA_M
ClientSampleId :
PB120137BS

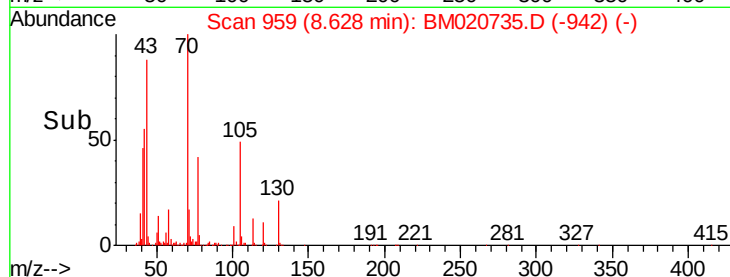
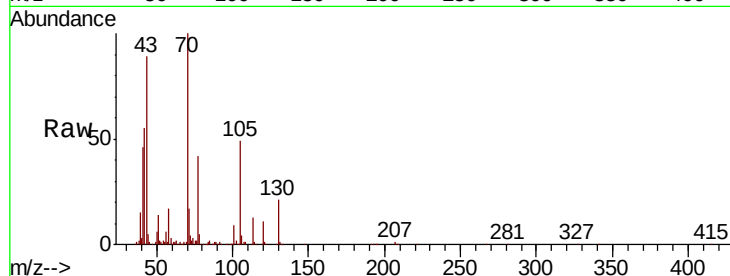
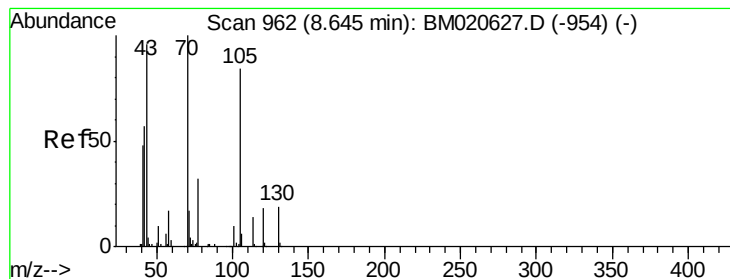
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	88.2	132.4
77	49.1	39.5	59.3
79	49.8	39.4	59.0



#18
Hexachloroethane
Concen: 37.475 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.2	117.4
201	104.0	83.0	124.4





#19

n-Nitroso-di-n-propylamine

Concen: 33.072 ng

RT: 8.63 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion: 70 Resp: 725591

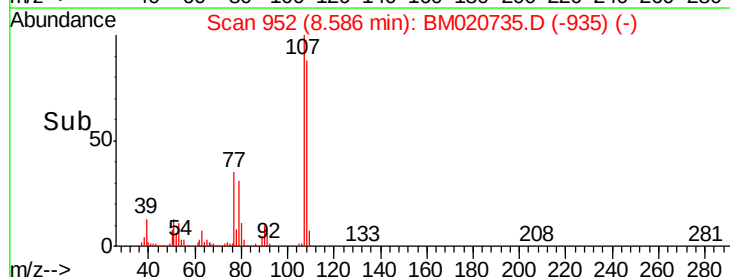
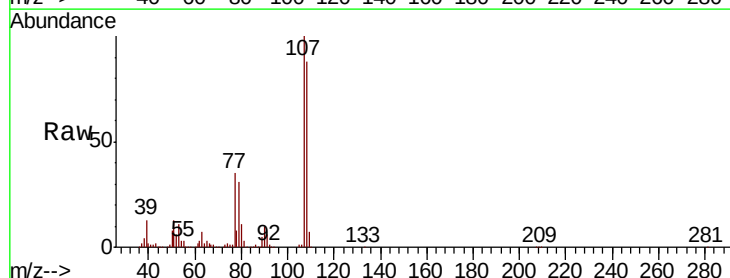
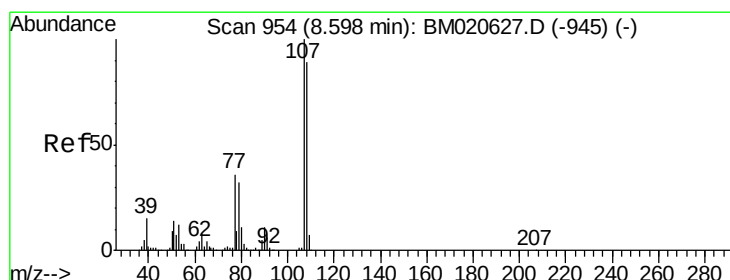
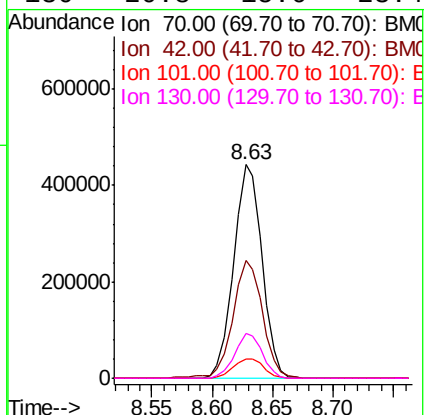
Ion Ratio Lower Upper

70 100

42 55.0 44.2 66.2

101 9.2 7.2 10.8

130 20.8 15.6 23.4



#20

3+4-Methylphenols

Concen: 37.204 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion: 107 Resp: 1046943

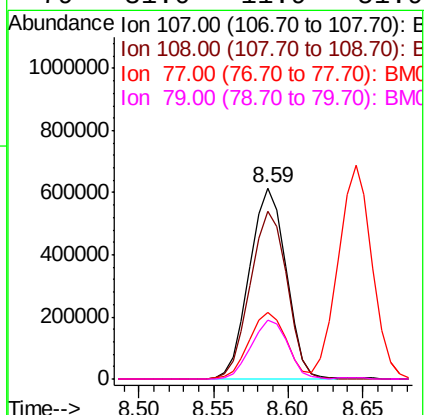
Ion Ratio Lower Upper

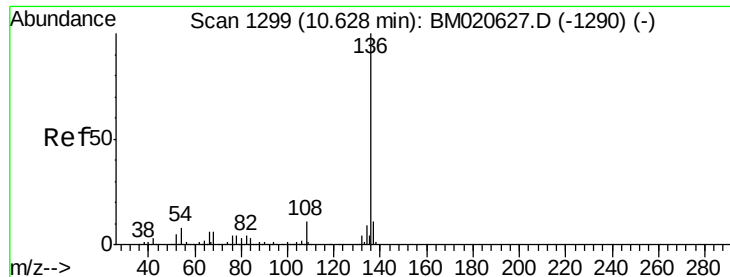
107 100

108 88.1 70.3 110.3

77 34.6 15.5 55.5

79 31.0 11.9 51.9



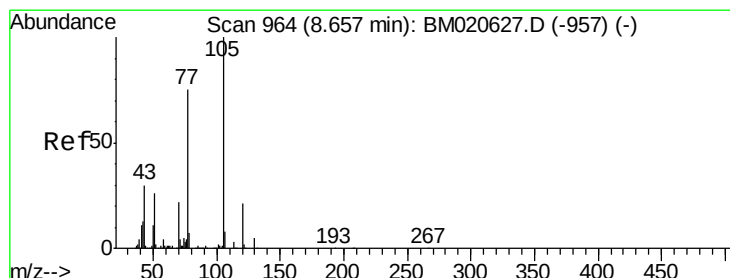
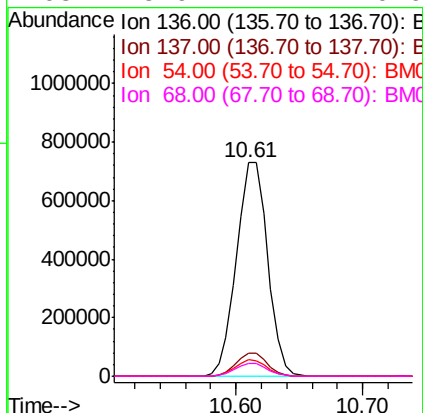
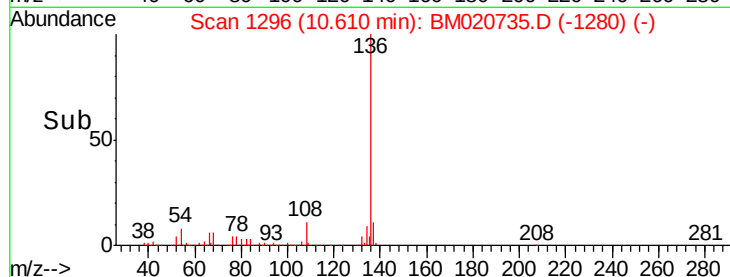
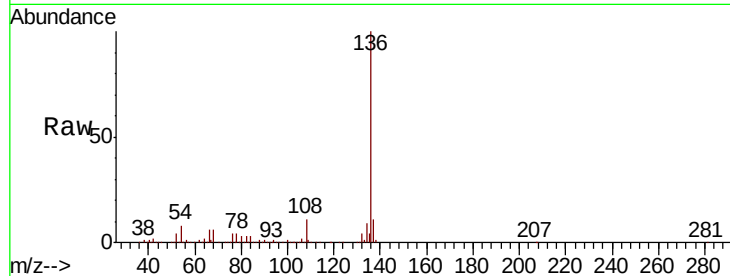


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion:136 Resp: 1246728

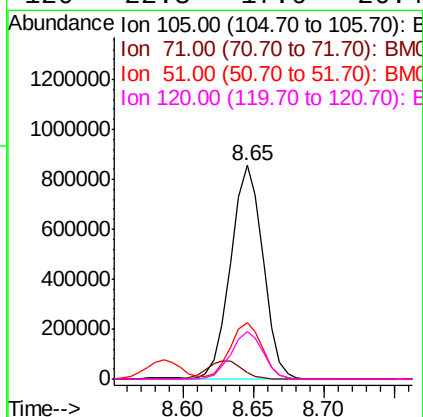
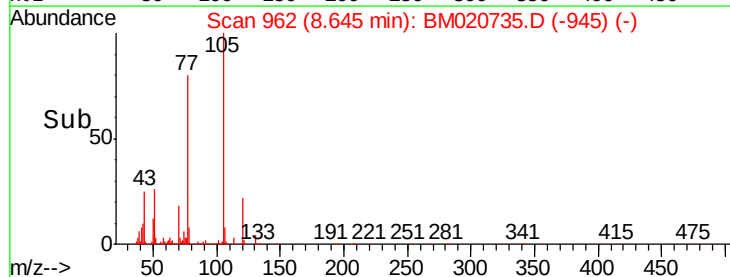
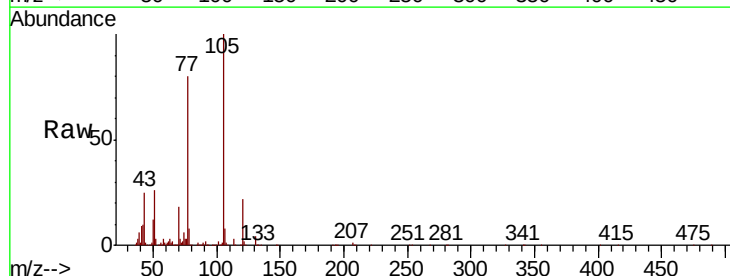
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.0	6.0	9.0
68	5.9	4.4	6.6

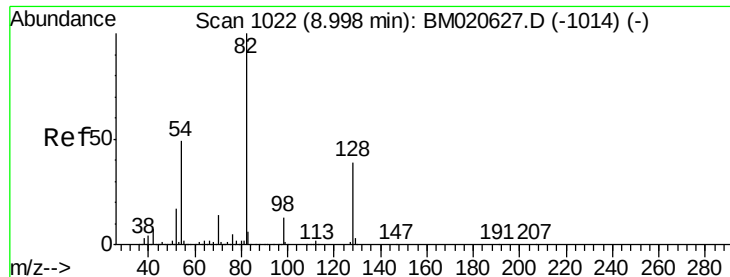


#22
Acetophenone
Concen: 42.941 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:105 Resp: 1359992

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.8	2.8#
51	26.1	20.9	31.3
120	22.3	17.6	26.4





#23

Nitrobenzene-d5

Concen: 82.176 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

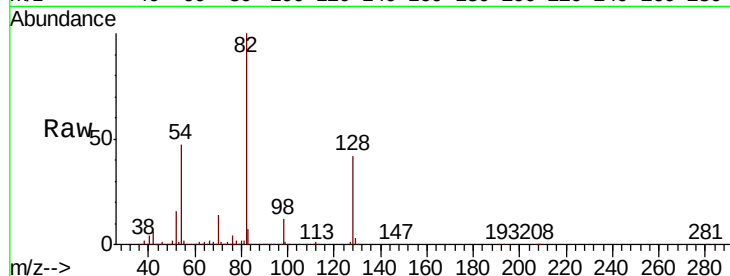
Tot Ion: 82 Resp: 1977371

Ion Ratio Lower Upper

82 100

128 41.9 33.2 49.8

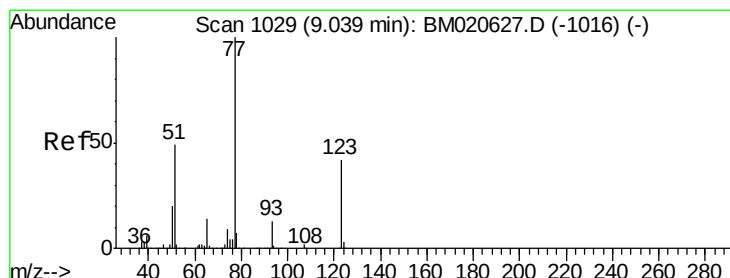
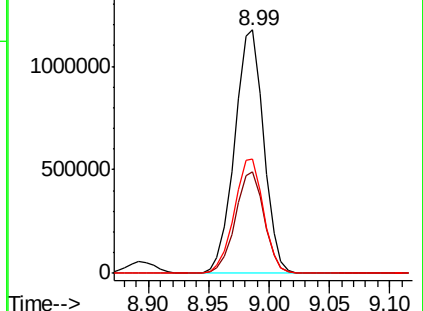
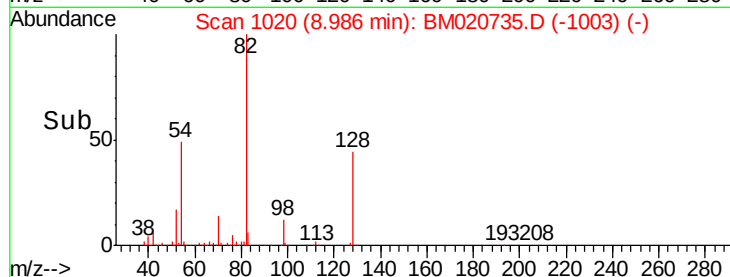
54 47.1 37.7 56.5



Abundance Ion 82.00 (81.70 to 82.70): BM020735.D (-1003) (-)

Ion 128.00 (127.70 to 128.70): BM020735.D (-1003) (-)

Ion 54.00 (53.70 to 54.70): BM020735.D (-1003) (-)



#24

Nitrobenzene

Concen: 43.743 ng

RT: 9.03 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

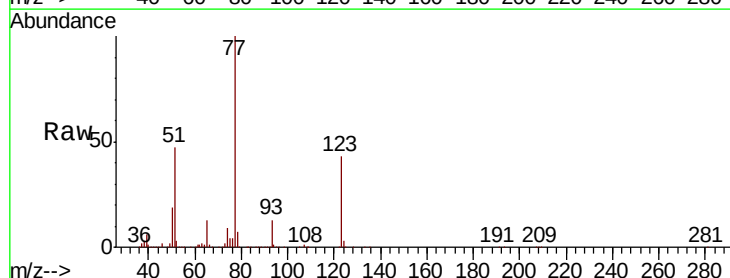
Tgt Ion: 77 Resp: 1074535

Ion Ratio Lower Upper

77 100

123 43.1 35.8 53.8

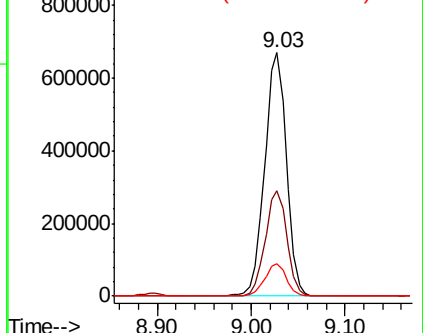
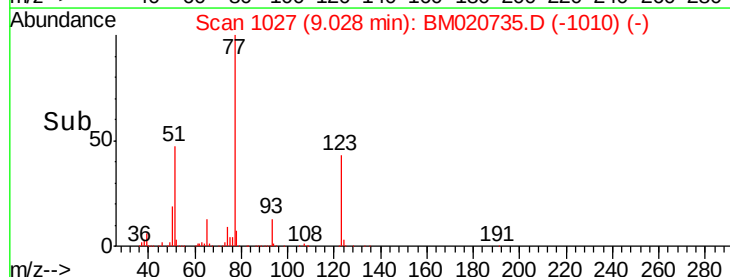
65 13.2 10.9 16.3

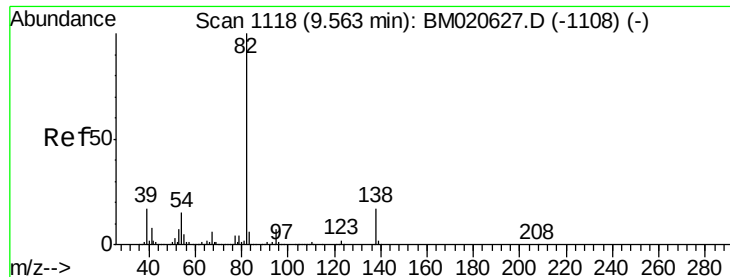


Abundance Ion 77.00 (76.70 to 77.70): BM020735.D (-1010) (-)

Ion 123.00 (122.70 to 123.70): BM020735.D (-1010) (-)

Ion 65.00 (64.70 to 65.70): BM020735.D (-1010) (-)





#25

Isophorone

Concen: 39.310 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

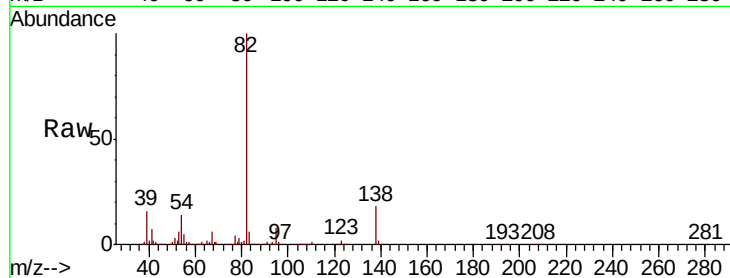
Tot Ion: 82 Resp: 1881569

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

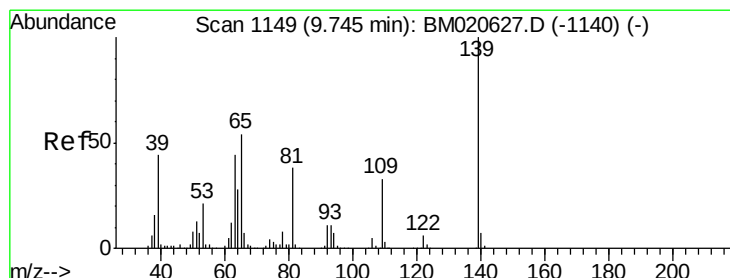
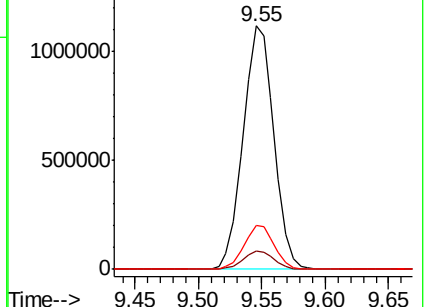
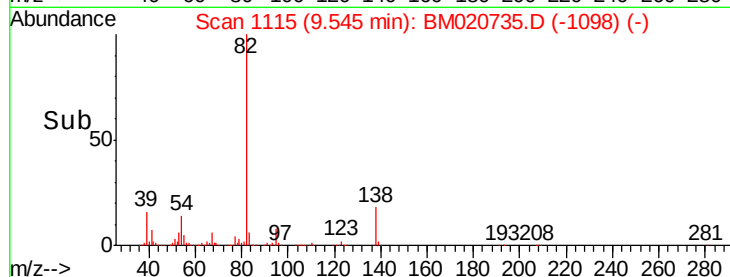
138 17.9 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BM020735.D (-1115) (-)

Ion 95.00 (94.70 to 95.70): BM020735.D (-1115) (-)

Ion 138.00 (137.70 to 138.70): BM020735.D (-1115) (-)



#26

2-Nitrophenol

Concen: 50.703 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

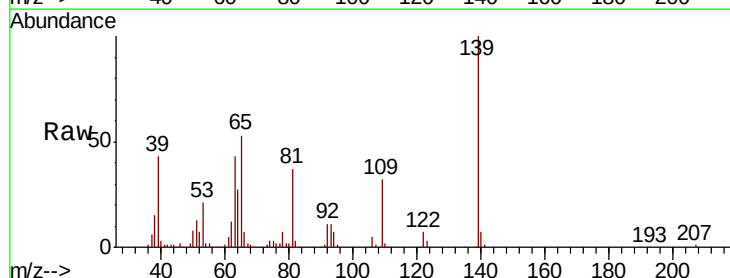
Tgt Ion: 139 Resp: 464195

Ion Ratio Lower Upper

139 100

109 32.5 26.8 40.2

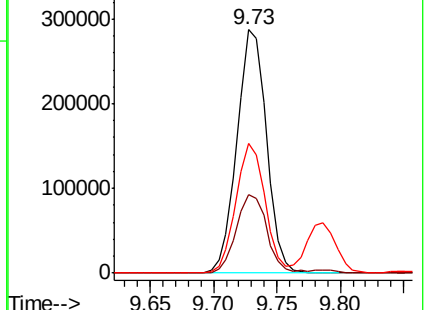
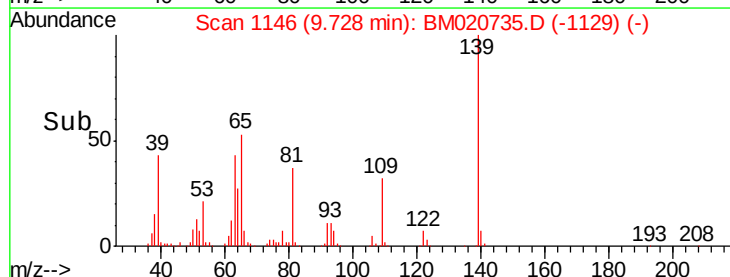
65 53.1 42.6 63.8

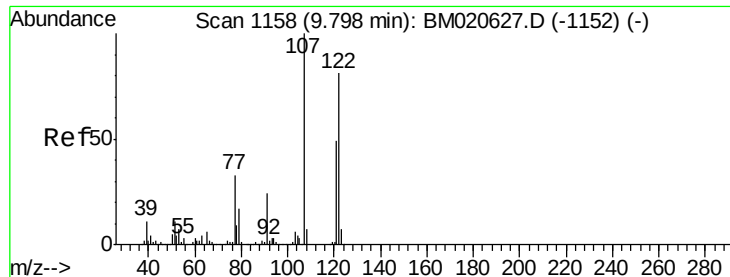


Abundance Ion 139.00 (138.70 to 139.70): BM020735.D (-1146) (-)

Ion 109.00 (108.70 to 109.70): BM020735.D (-1146) (-)

Ion 65.00 (64.70 to 65.70): BM020735.D (-1146) (-)

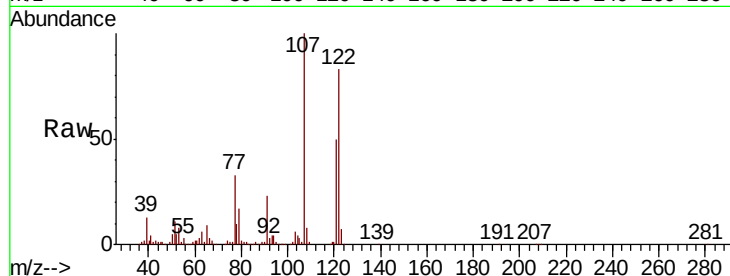




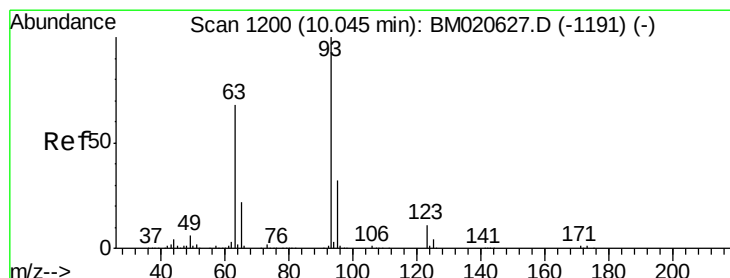
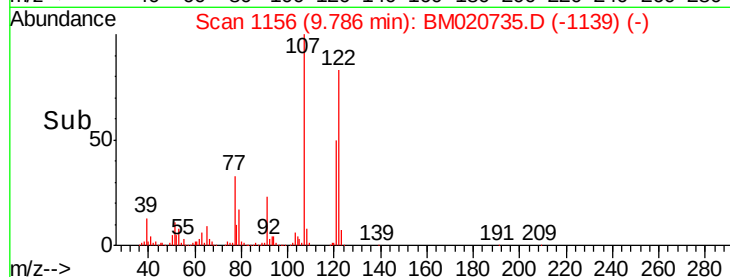
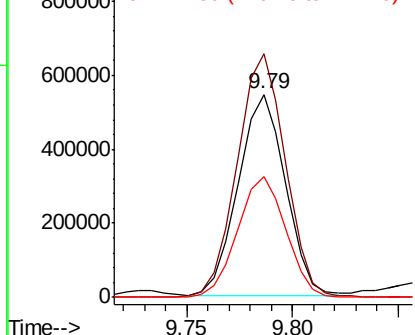
#27
 2,4-Dimethylphenol
 Concen: 49.066 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion:122 Resp: 841734
 Ion Ratio Lower Upper
 122 100
 107 119.9 97.8 146.6
 121 59.5 48.5 72.7

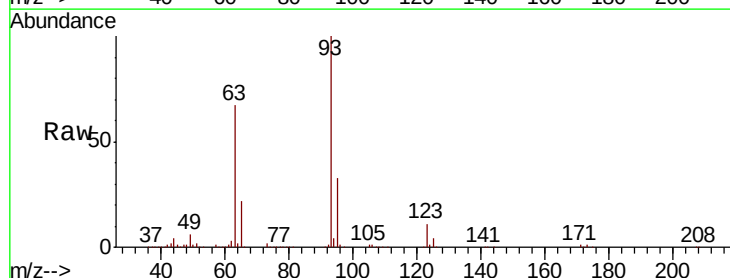


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

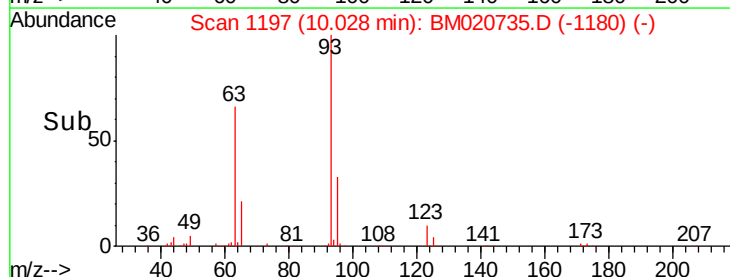
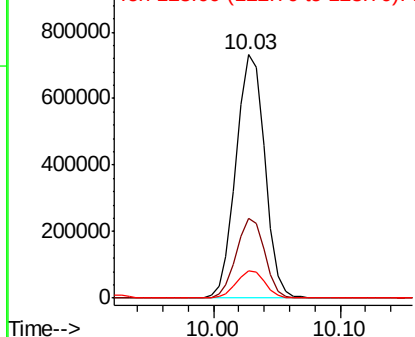


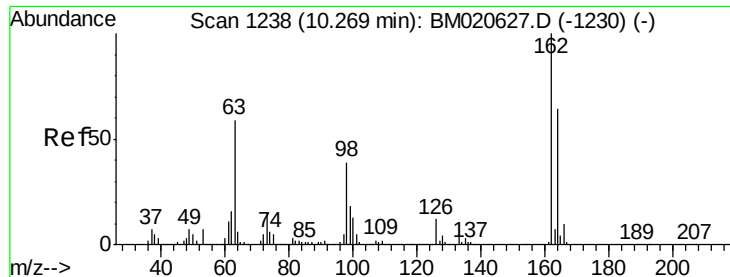
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.910 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion: 93 Resp: 1155028
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.4 38.0
 123 11.2 8.8 13.2



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

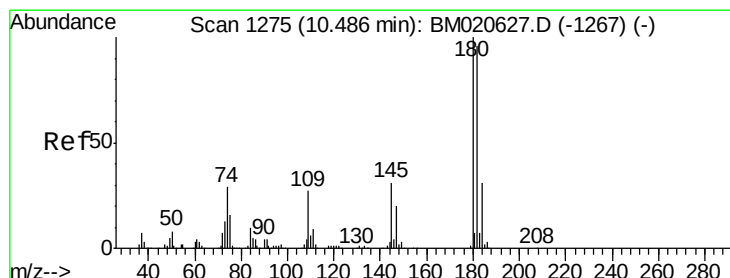
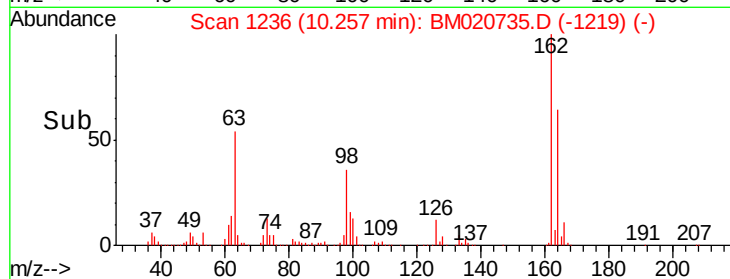
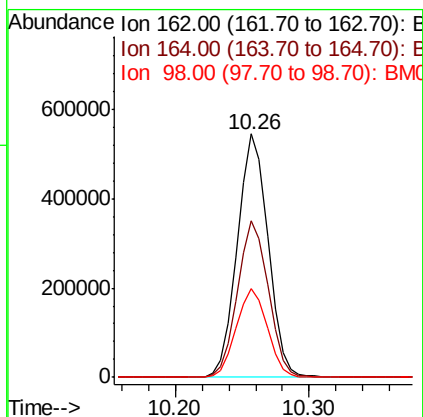
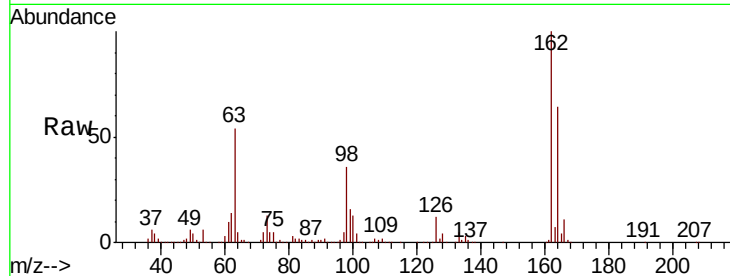




#29
2,4-Dichlorophenol
Concen: 45.917 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

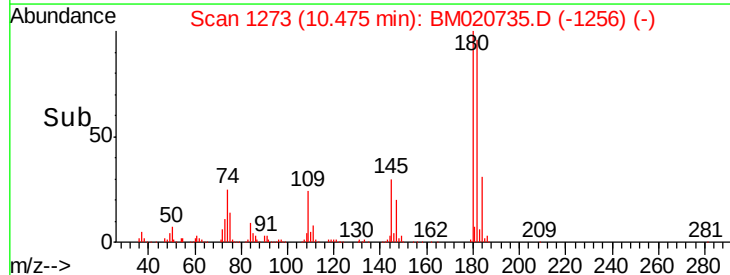
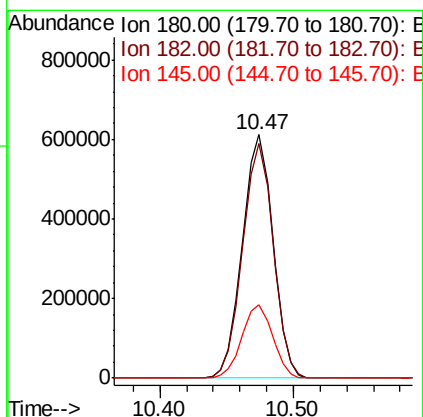
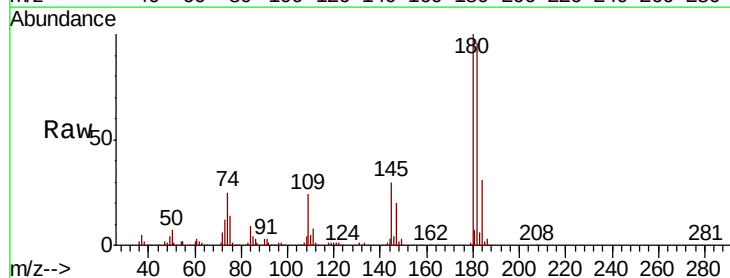
Instrument :
BNA_M
ClientSampled :
PB120137BS

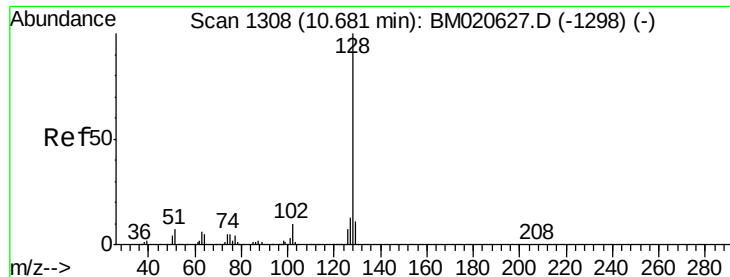
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.5	85.5
98	36.4	16.7	56.7



#30
1,2,4-Trichlorobenzene
Concen: 44.567 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.8	116.8
145	30.1	24.3	36.5

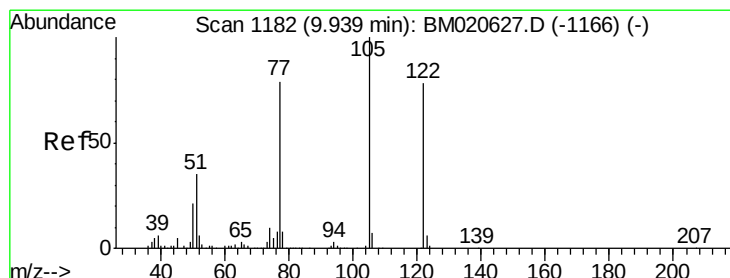
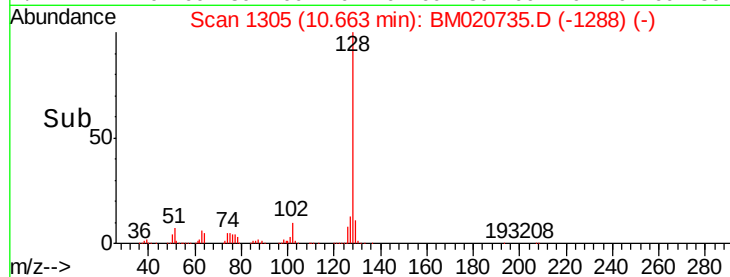
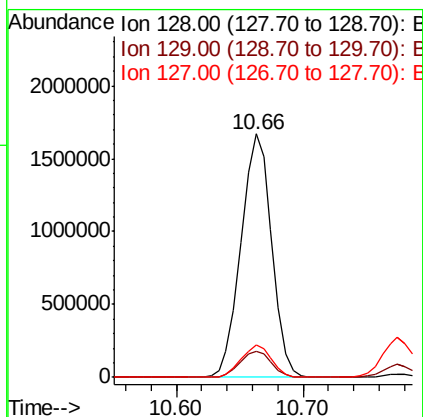
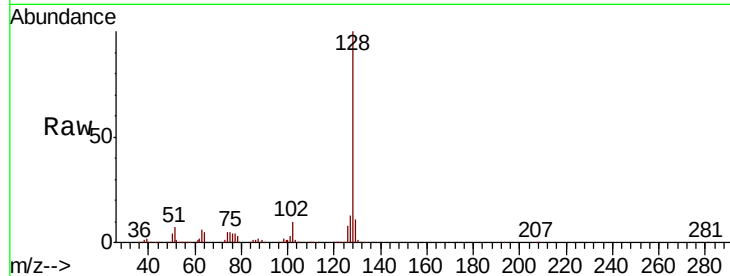




#31
Naphthalene
Concen: 43.655 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

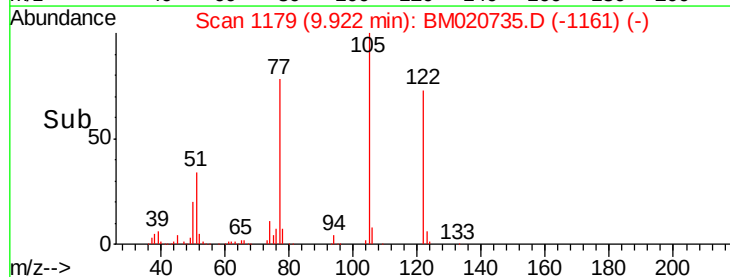
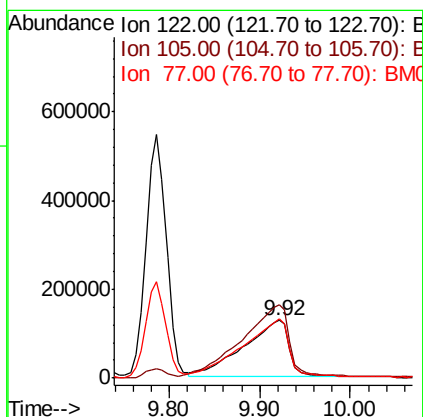
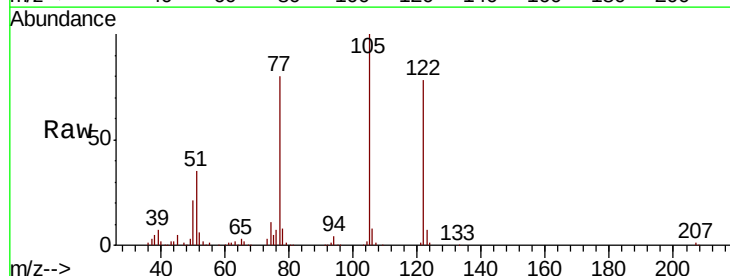
Instrument :
BNA_M
ClientSampleId :
PB120137BS

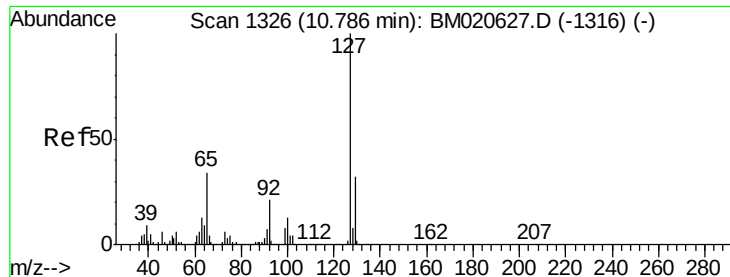
Tot Ion:128 Resp: 2798787
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 41.368 ng
RT: 9.92 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:122 Resp: 438112
Ion Ratio Lower Upper
122 100
105 127.7 108.0 148.0
77 102.8 82.2 122.2

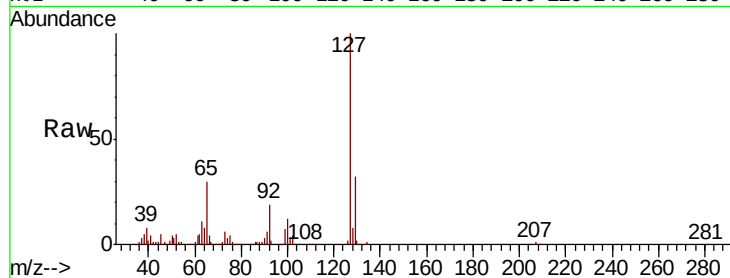




#33
4-Chloroaniline
Concen: 15.562 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion:	127	Resp:	464331
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	30.4	25.3	37.9
92	19.1	16.4	24.6



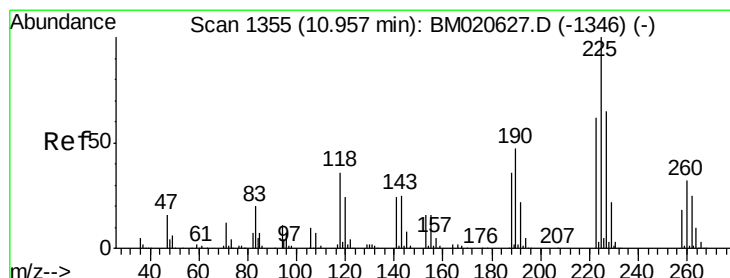
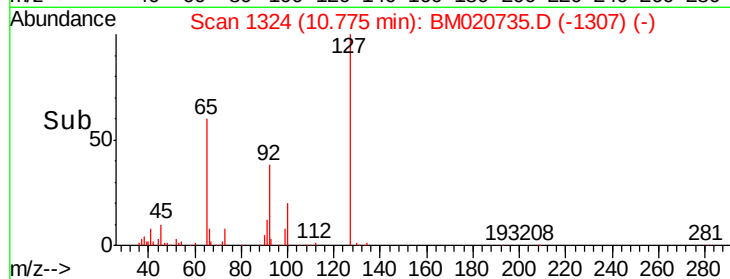
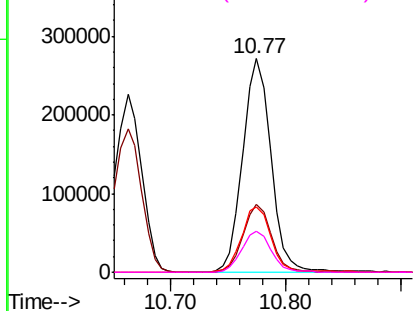
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

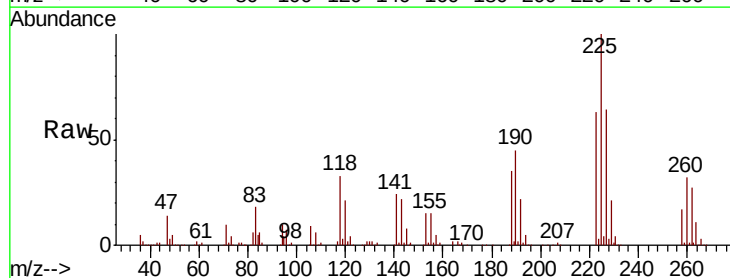
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 43.426 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:	225	Resp:	568664
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	63.7	51.0	76.4

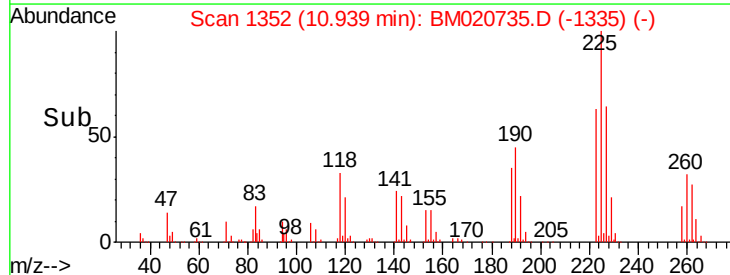
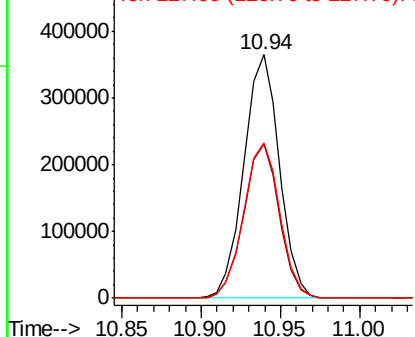


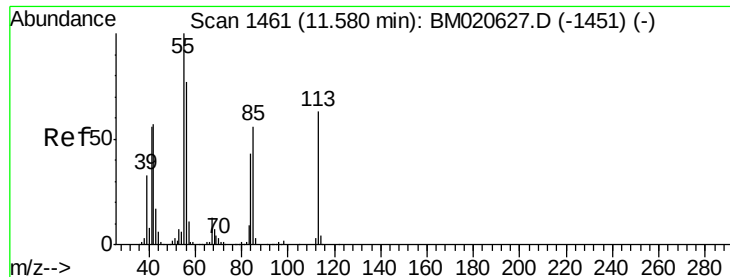
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.801 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

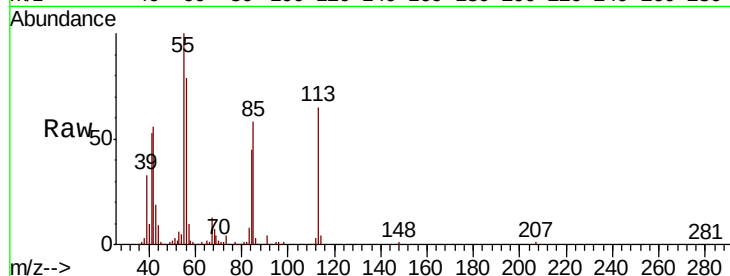
Tot Ion:113 Resp: 209687

Ion Ratio Lower Upper

113 100

55 153.1 141.1 181.1

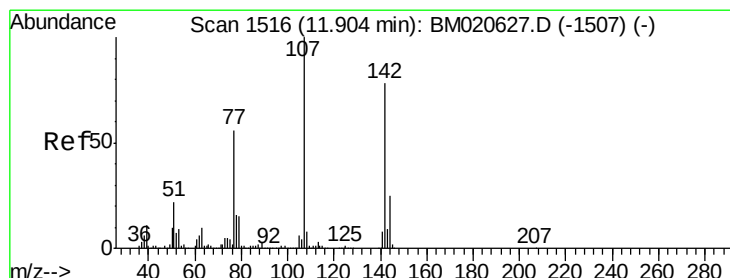
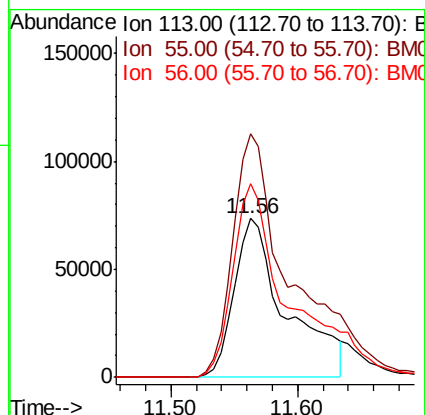
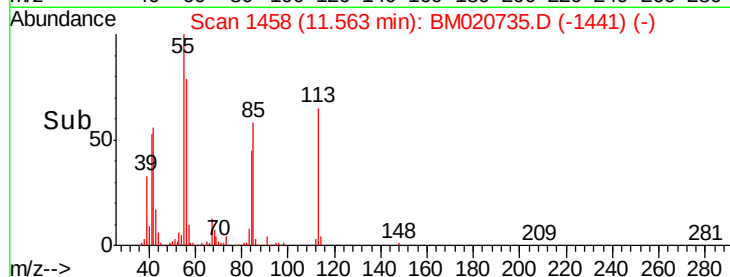
56 121.6 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.441 ng

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

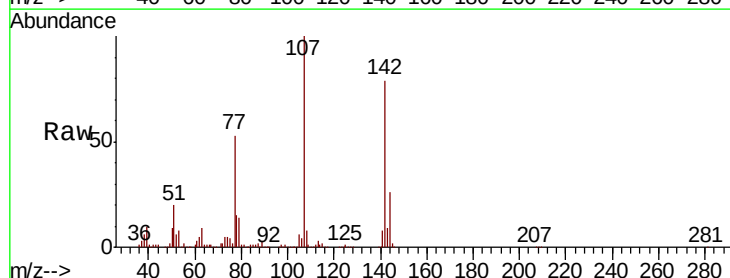
Tgt Ion:107 Resp: 870368

Ion Ratio Lower Upper

107 100

144 25.7 20.6 31.0

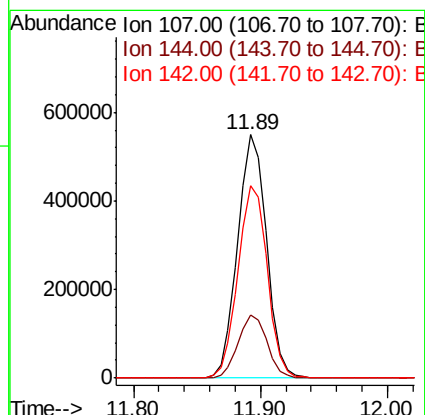
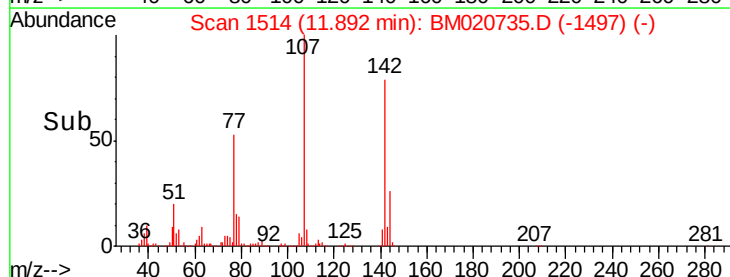
142 78.8 63.3 94.9

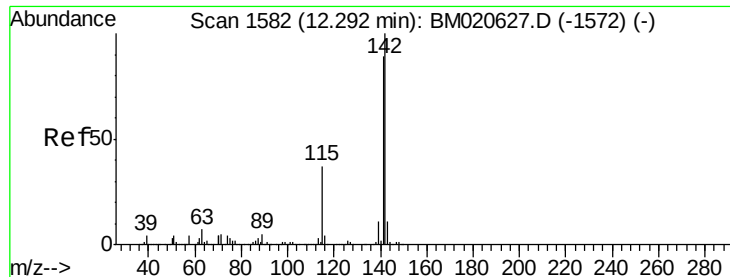


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

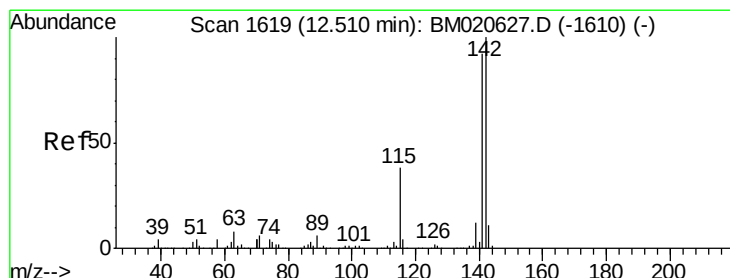
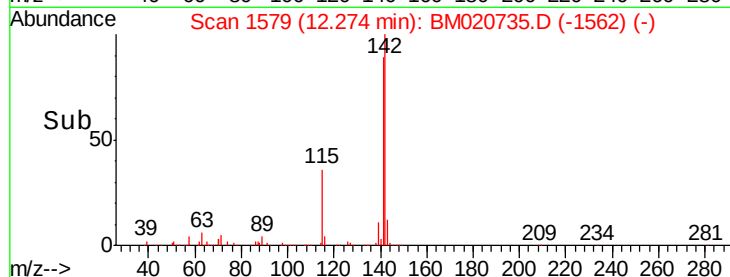
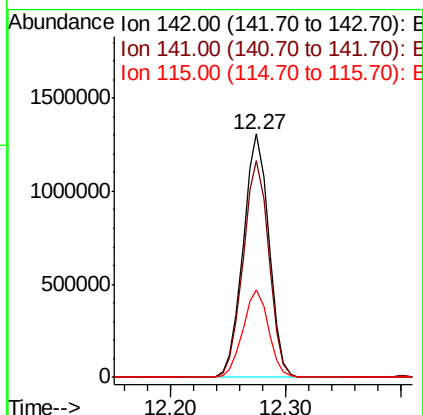
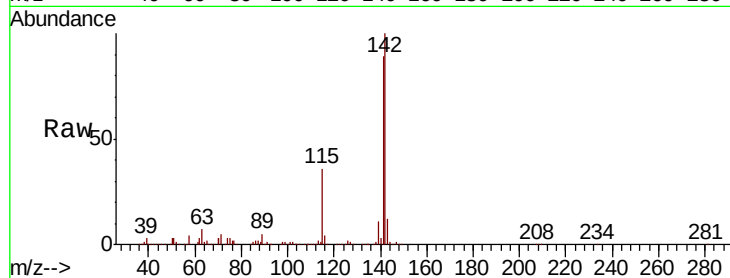




#37
2-Methylnaphthalene
Concen: 42.539 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

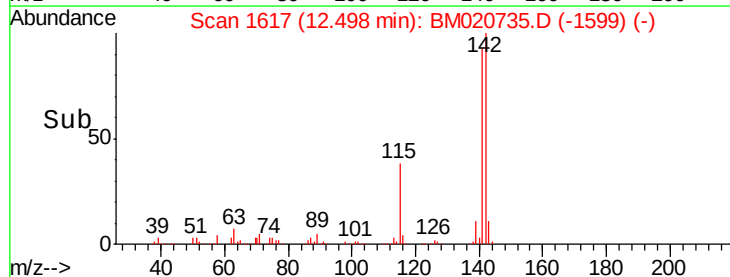
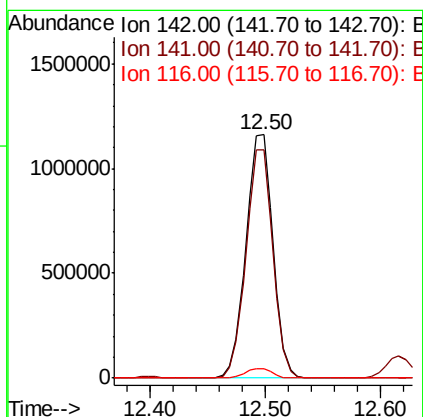
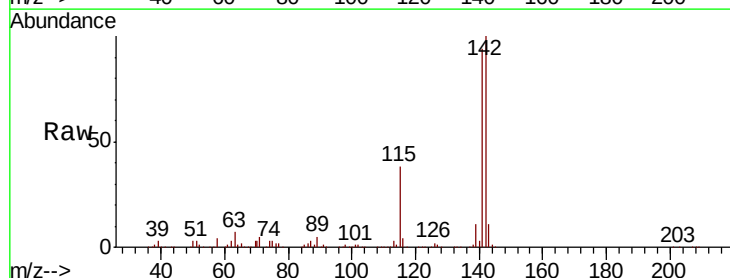
Instrument :
BNA_M
ClientSampleId :
PB120137BS

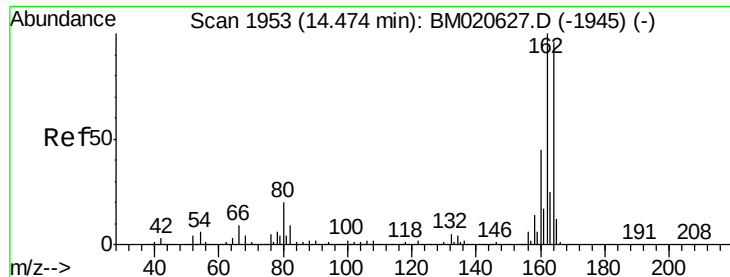
Tot Ion:142 Resp: 2021454
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0
115 35.7 28.2 42.4



#38
1-Methylnaphthalene
Concen: 41.705 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:142 Resp: 1887101
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

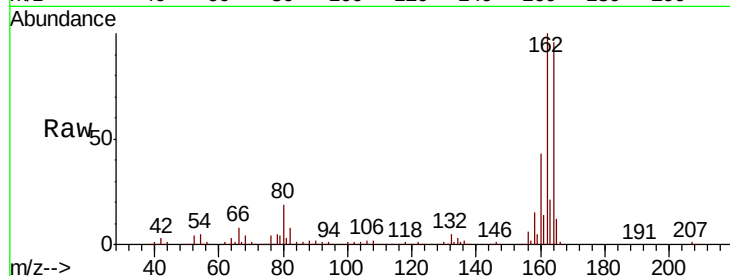
Tot Ion:164 Resp: 644432

Ion Ratio Lower Upper

164 100

162 104.2 83.5 125.3

160 44.9 37.2 55.8

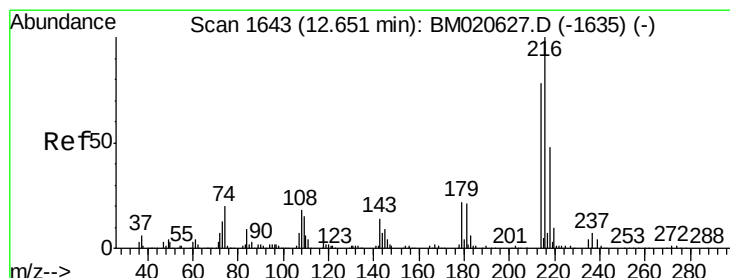
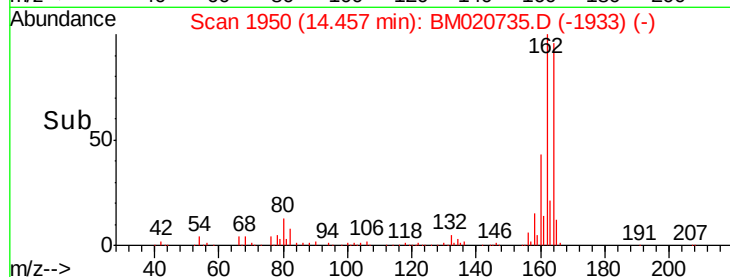
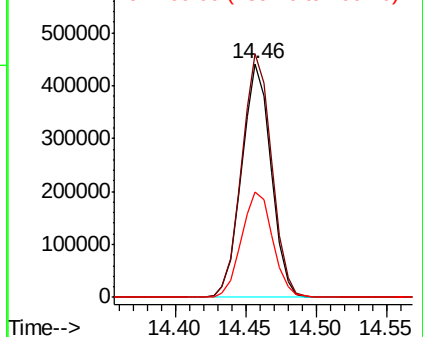


Abundance

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: 49.416 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:216 Resp: 1043598

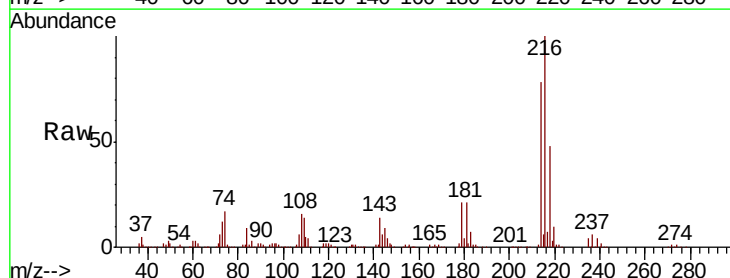
Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

179 21.5 17.3 25.9

108 20.4 14.6 22.0



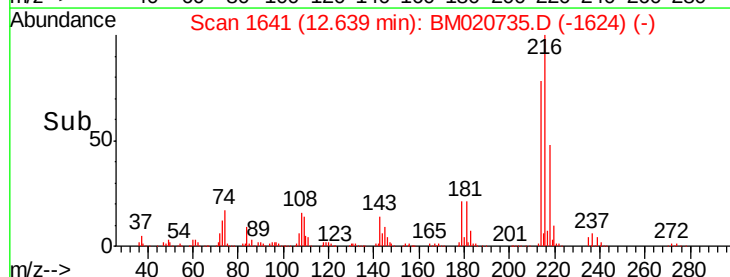
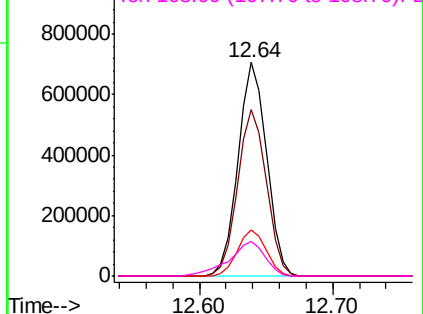
Abundance

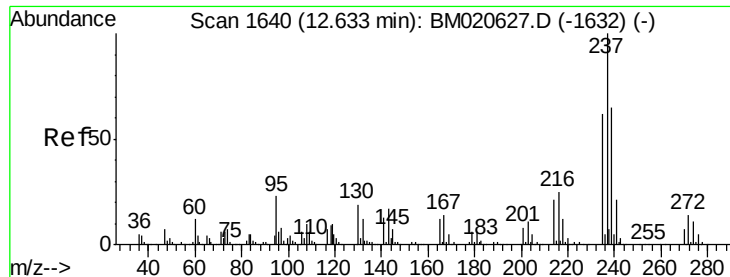
Ion 216.00 (215.70 to 216.70): E

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: 104.807 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

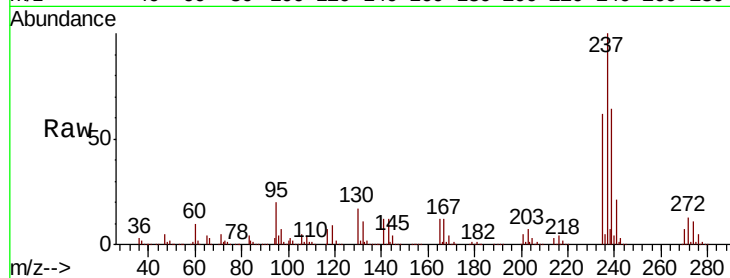
Tot Ion:237 Resp: 1323770

Ion Ratio Lower Upper

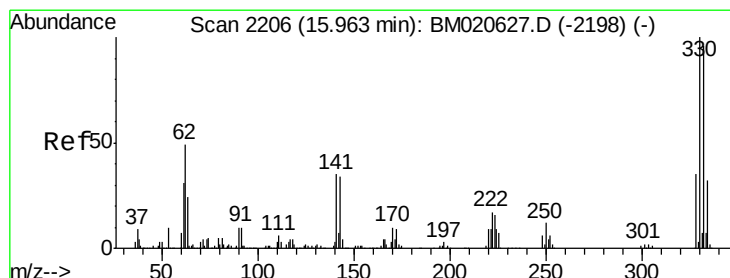
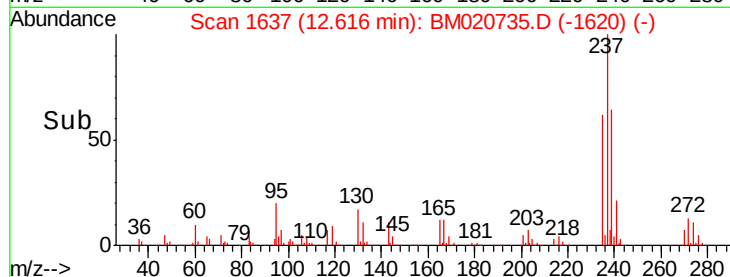
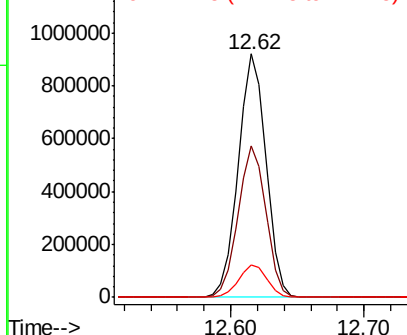
237 100

235 62.3 41.7 81.7

272 13.4 0.0 33.0



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: 134.848 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

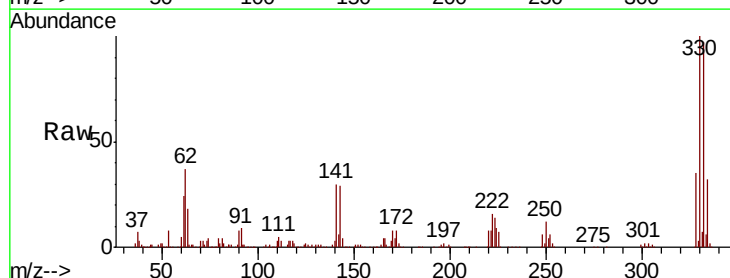
Tgt Ion:330 Resp: 1076690

Ion Ratio Lower Upper

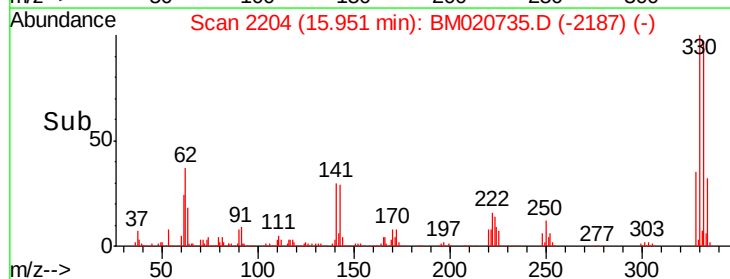
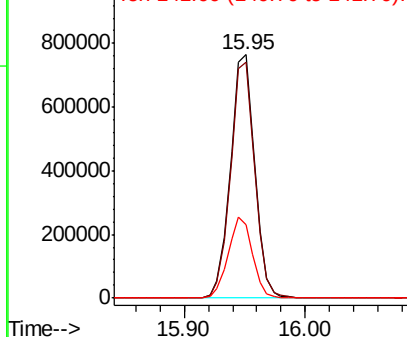
330 100

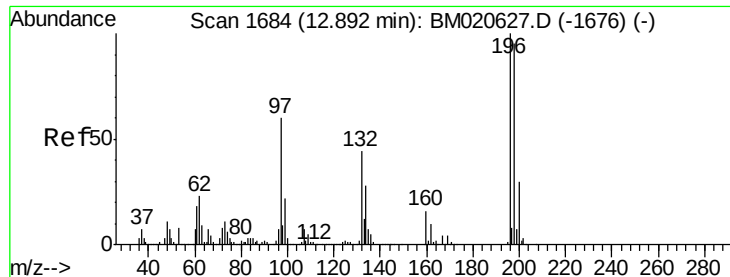
332 96.6 77.0 115.4

141 33.2 27.7 41.5



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

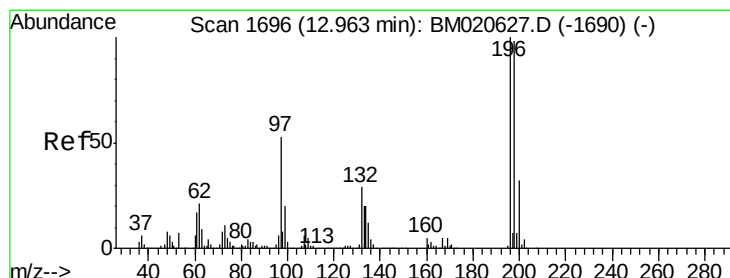
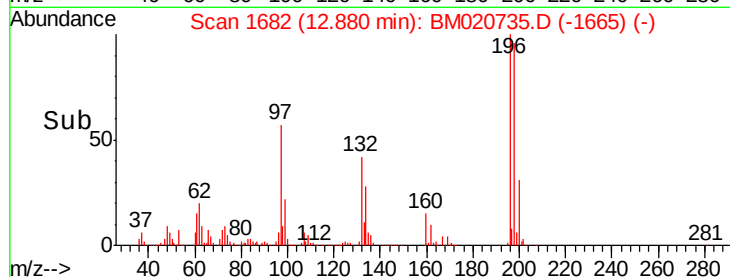
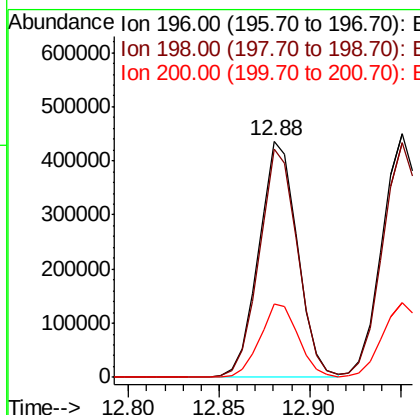
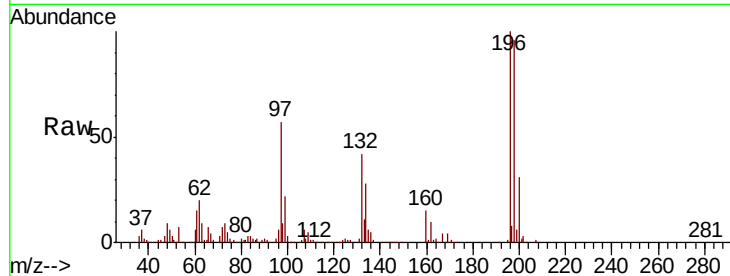




#43
 2,4,6-Trichlorophenol
 Concen: 47.436 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

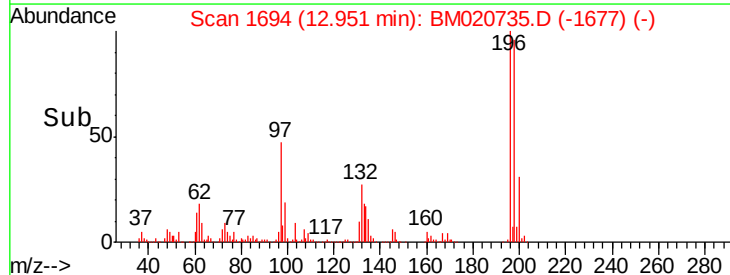
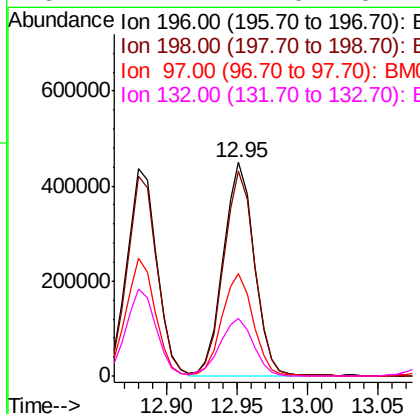
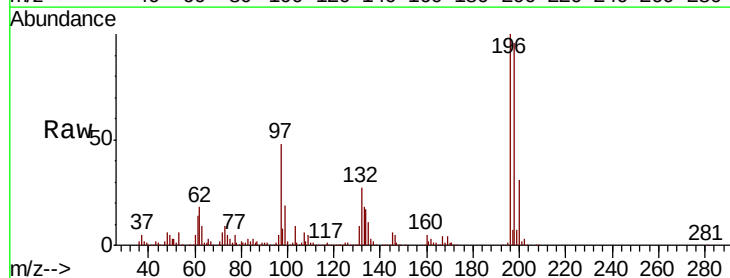
Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

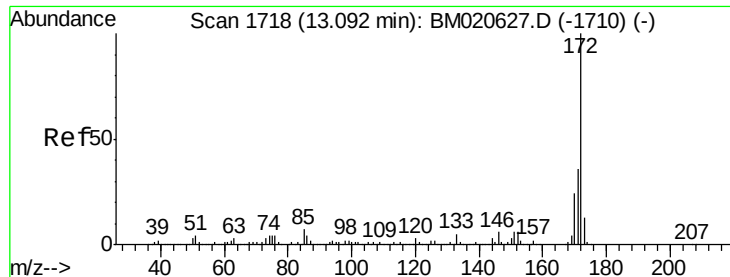
Tot Ion:196 Resp: 644832
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.4 114.6
 200 31.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 48.673 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion:196 Resp: 683080
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.0 114.0
 97 47.7 39.8 59.8
 132 27.2 21.0 31.4



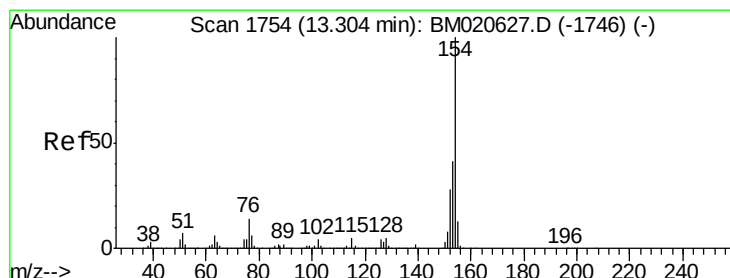
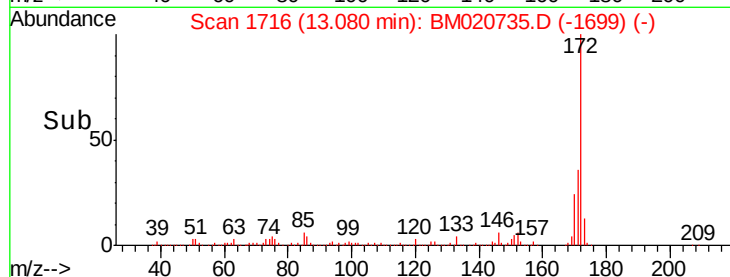
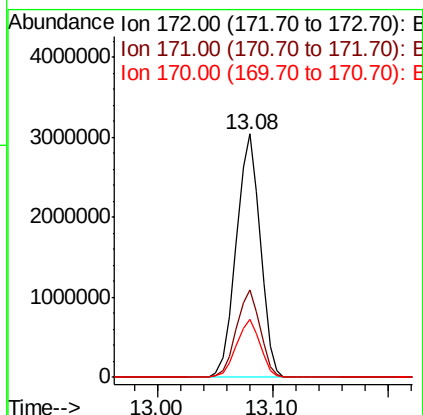
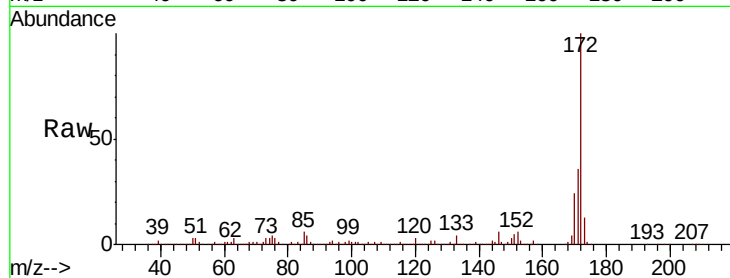


#45
2-Fluorobiphenyl
Concen: 90.162 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion:172 Resp: 4370473

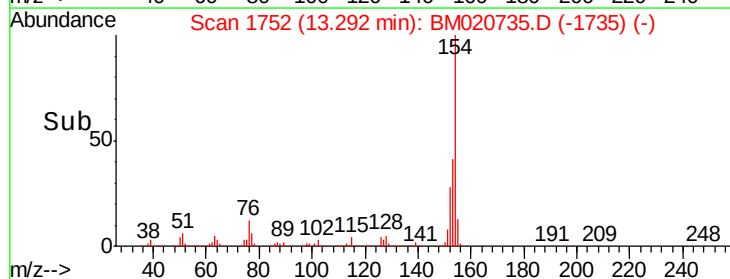
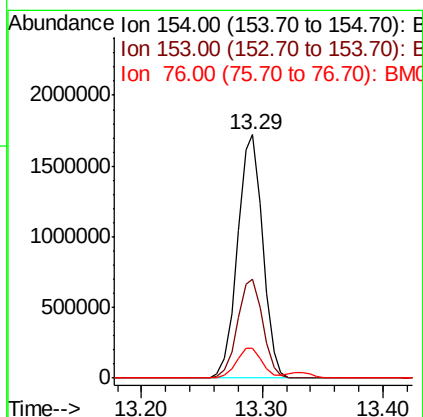
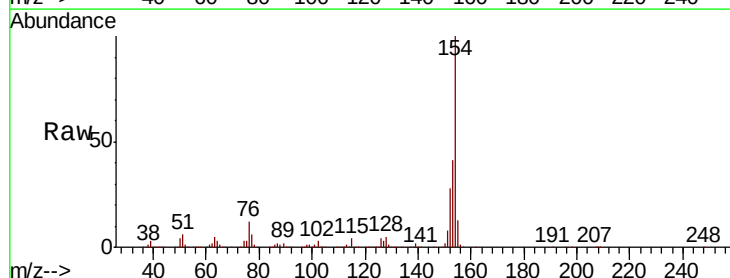
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.6	18.5	27.7

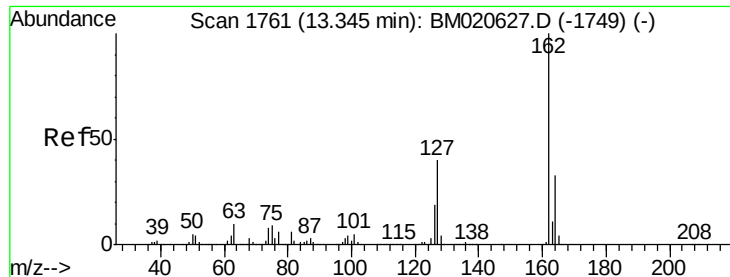


#46
1,1'-Biphenyl
Concen: 46.394 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:154 Resp: 2496973

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	12.2	0.0	32.5

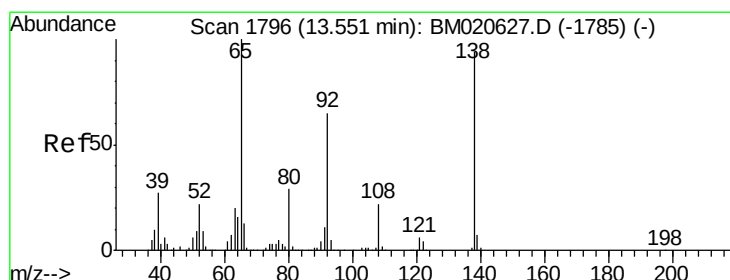
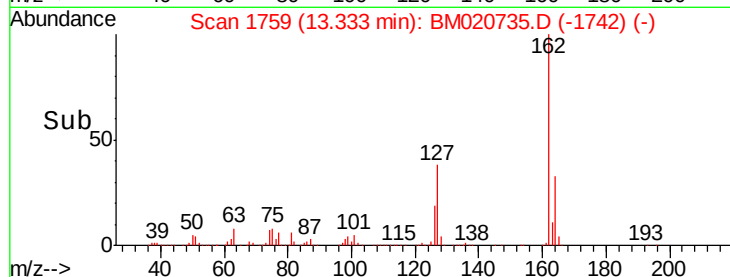
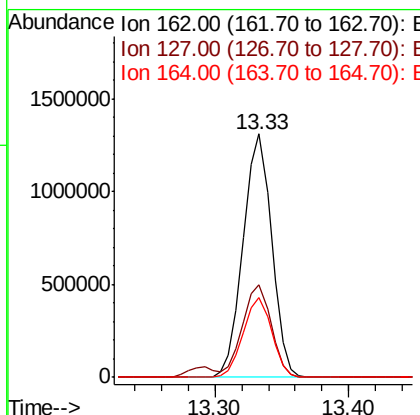
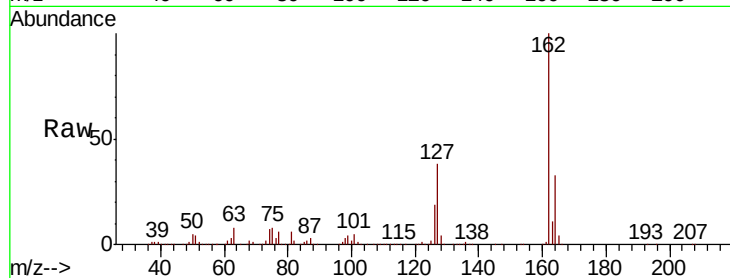




#47
2-Chloronaphthalene
Concen: 44.569 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

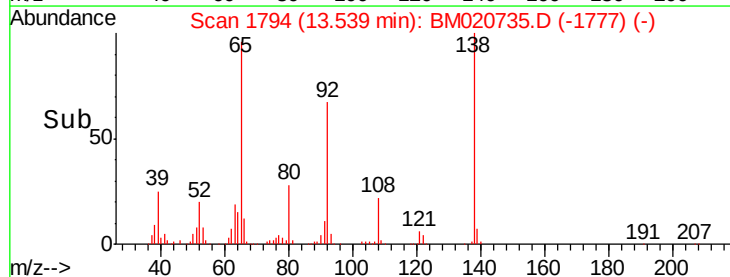
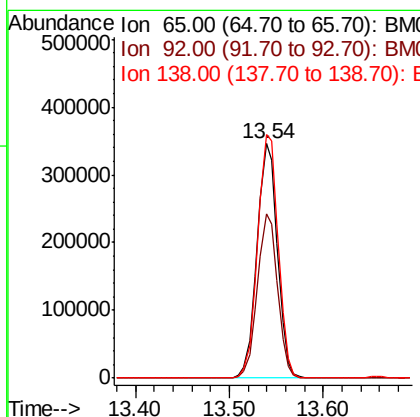
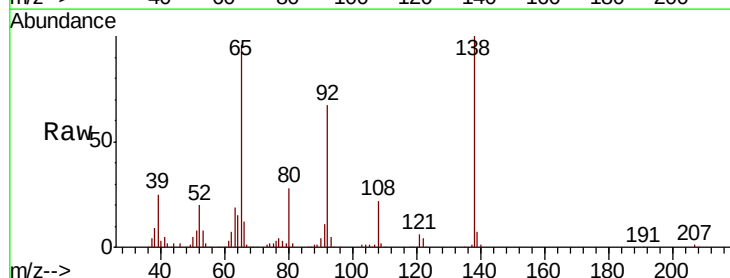
Instrument :
BNA_M
ClientSampleId :
PB120137BS

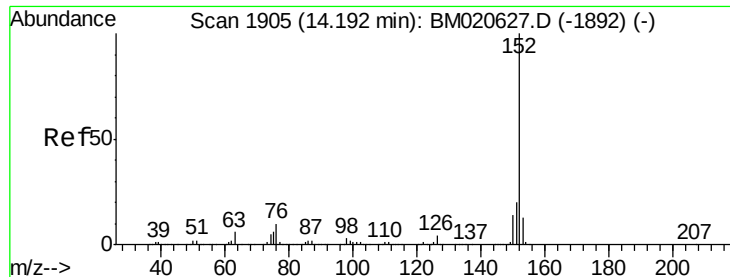
Tot Ion:162 Resp: 1935987
Ion Ratio Lower Upper
162 100
127 38.0 31.1 46.7
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 38.293 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion: 65 Resp: 522077
Ion Ratio Lower Upper
65 100
92 69.9 55.2 82.8
138 103.9 82.6 124.0





#49

Acenaphthylene

Concen: 44.157 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

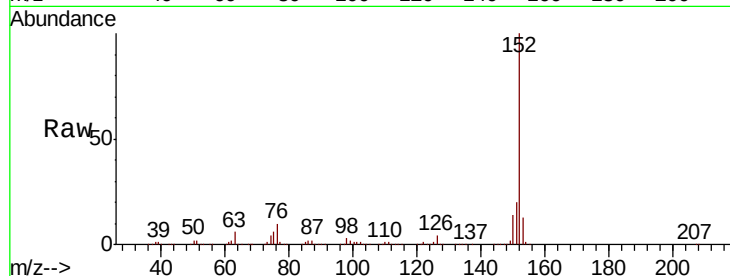
Tot Ion:152 Resp: 2992841

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

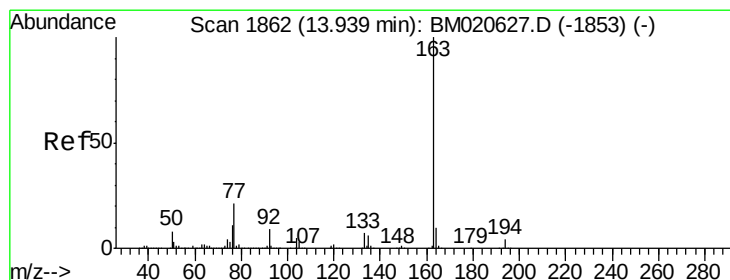
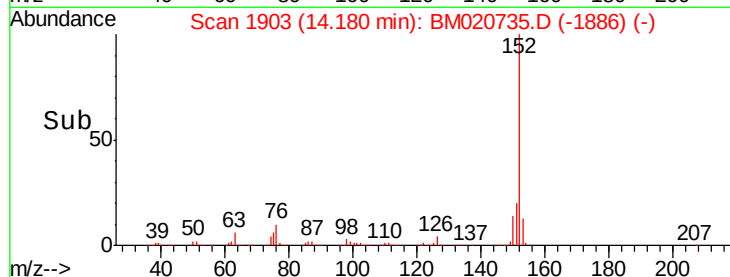
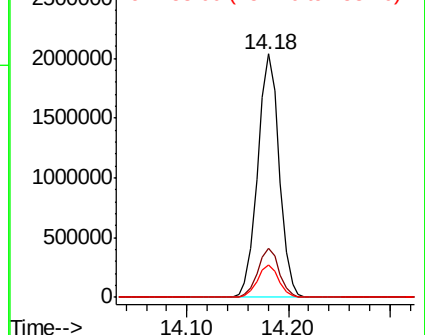
153 13.2 10.6 15.8



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: 40.506 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

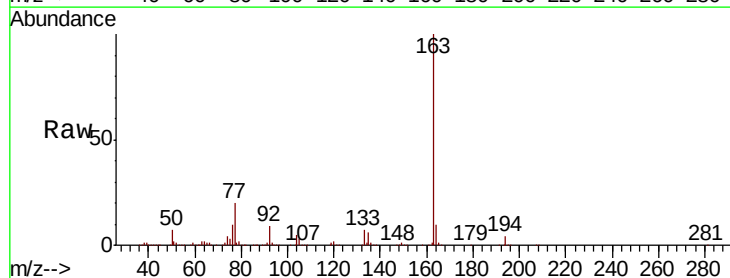
Tgt Ion:163 Resp: 2230169

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

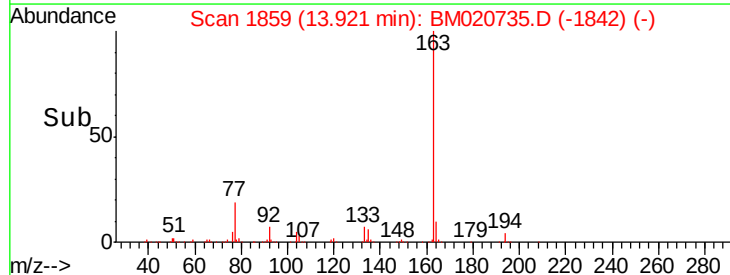
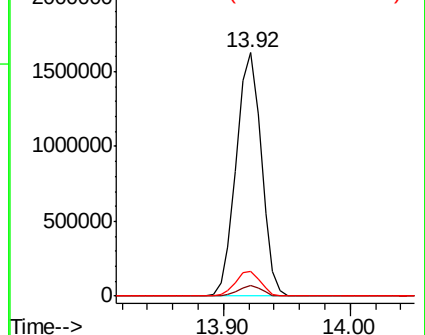
164 10.0 8.2 12.4

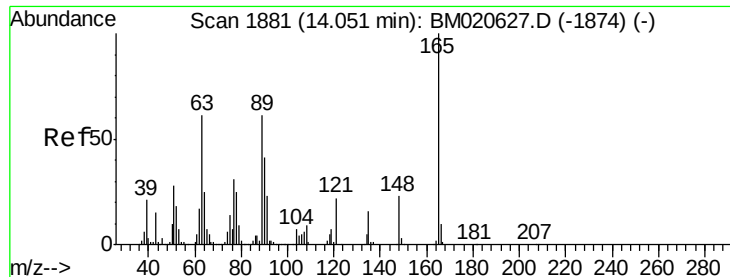


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

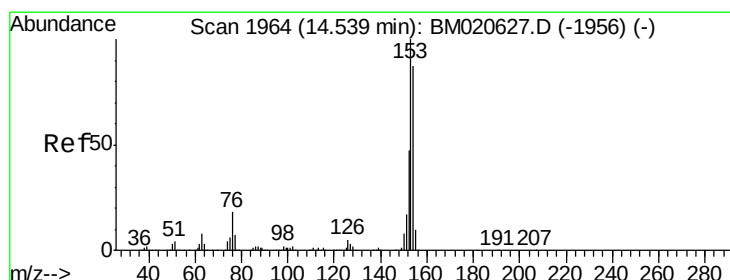
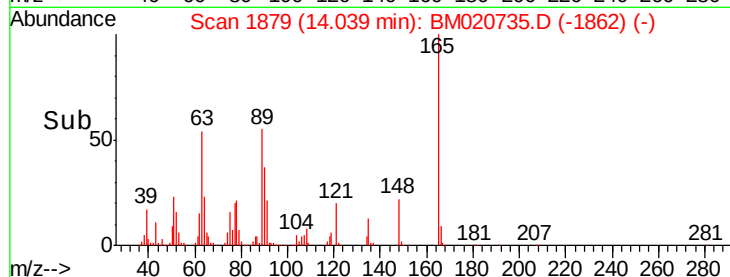
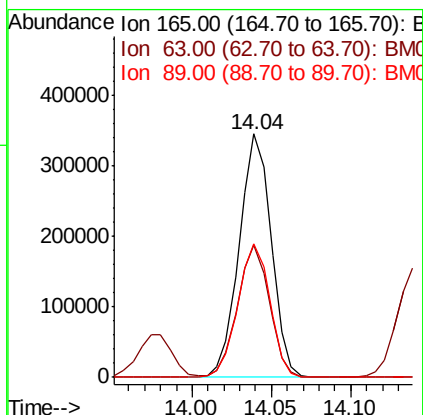
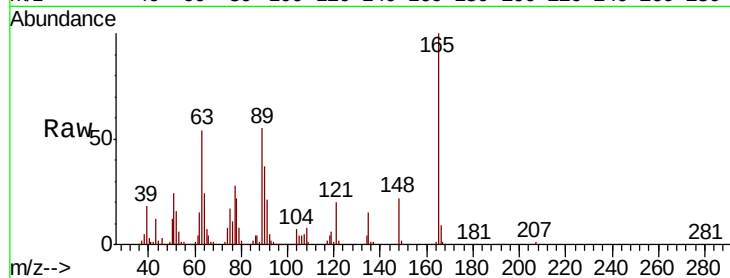




#51
 2,6-Dinitrotoluene
 Concen: 43.372 ng
 RT: 14.04 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

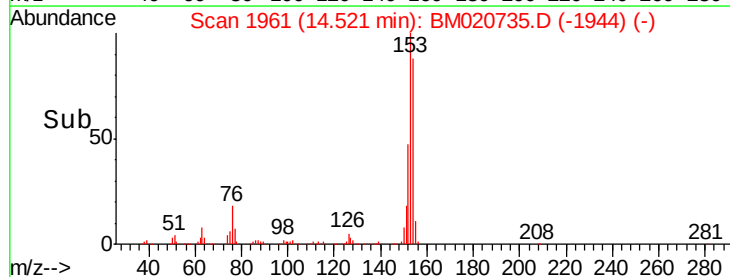
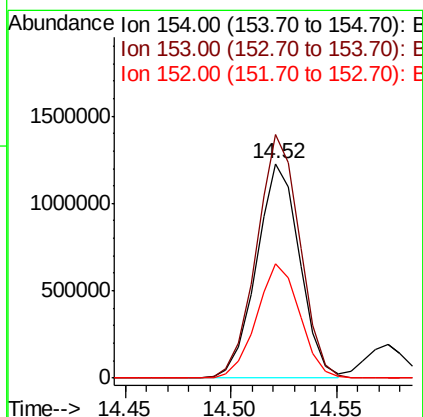
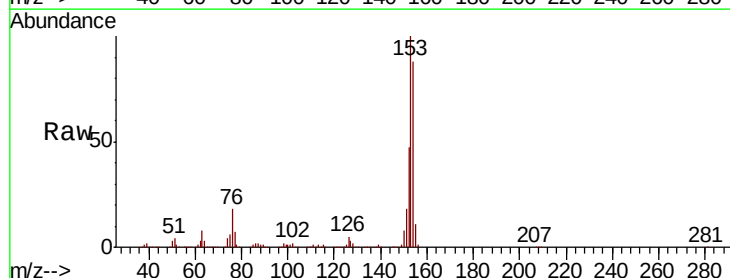
Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

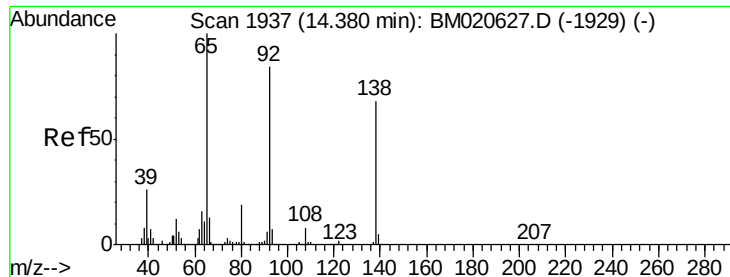
Tot Ion:165 Resp: 484868
 Ion Ratio Lower Upper
 165 100
 63 54.4 45.0 67.6
 89 55.0 43.5 65.3



#52
 Acenaphthene
 Concen: 43.218 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion:154 Resp: 1745614
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.6 135.8
 152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 23.586 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

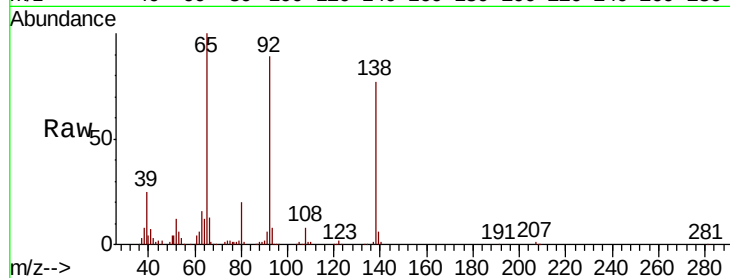
Tot Ion:138 Resp: 294313

Ion Ratio Lower Upper

138 100

108 11.1 8.9 13.3

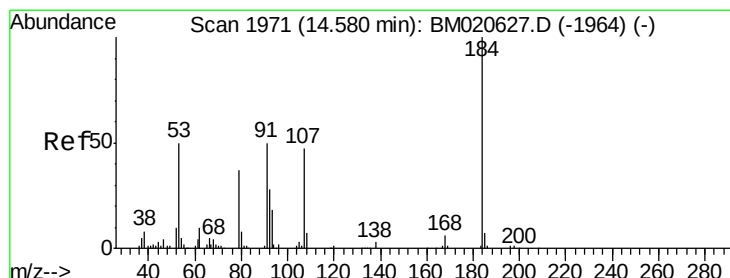
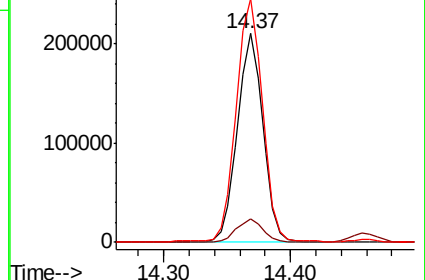
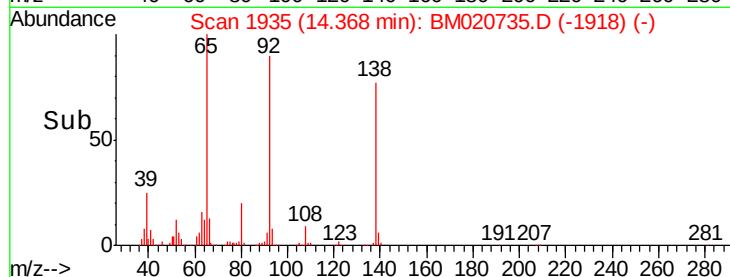
92 116.6 95.2 142.8



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: 80.175 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

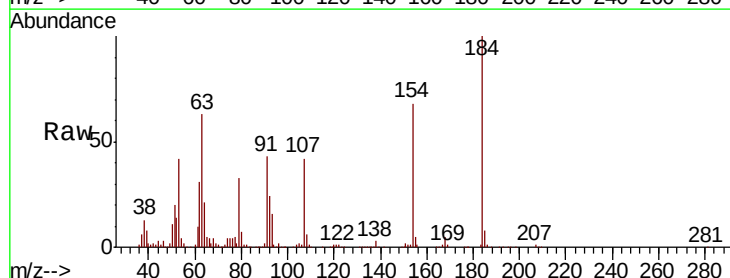
Tgt Ion:184 Resp: 385679

Ion Ratio Lower Upper

184 100

63 63.5 49.8 74.8

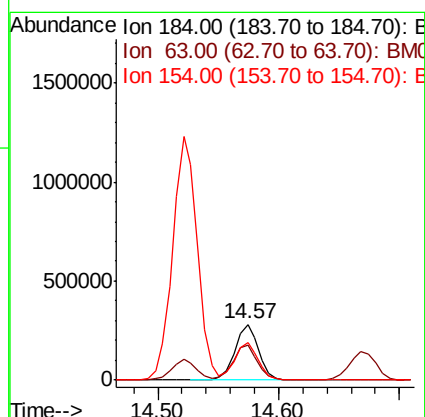
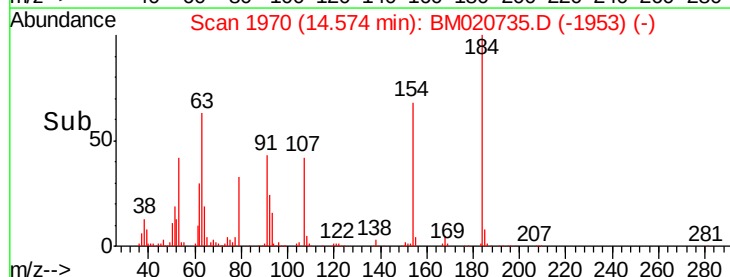
154 68.4 55.4 83.2

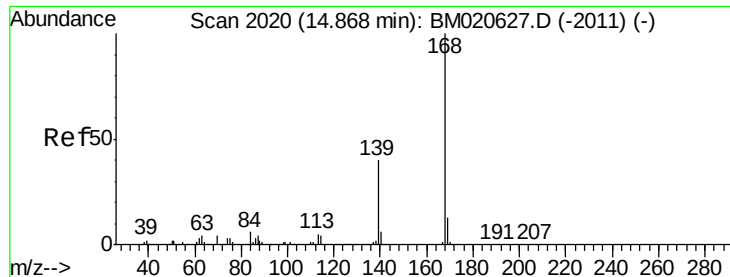


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.039 ng

RT: 14.86 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

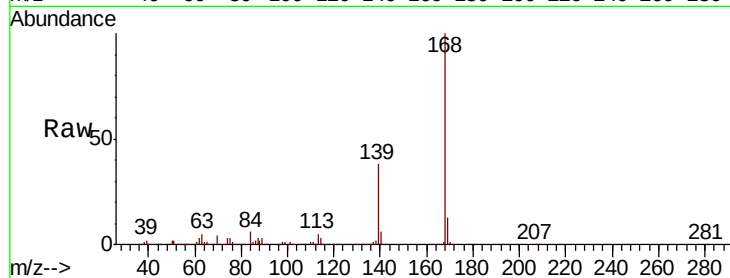
Tot Ion:168 Resp: 2699914

Ion Ratio Lower Upper

168 100

139 38.4 31.1 46.7

169 13.3 10.6 15.8

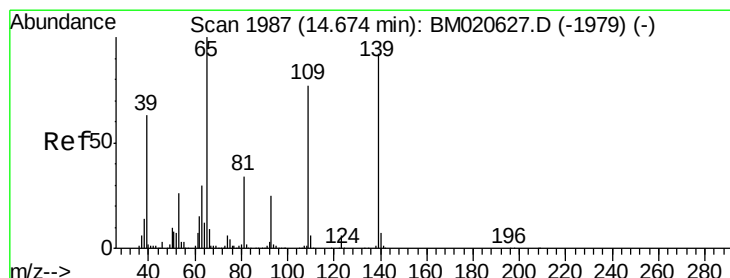
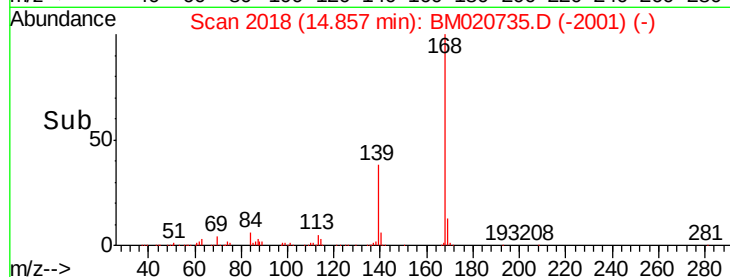
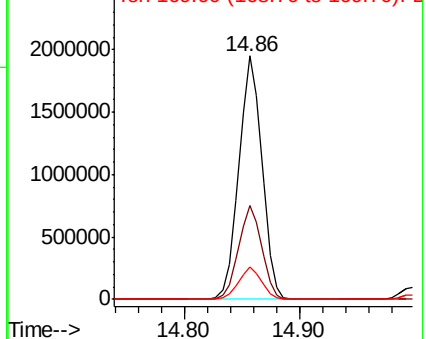


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.969 ng

RT: 14.67 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

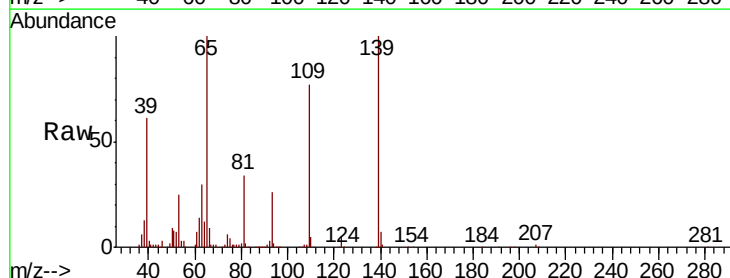
Tgt Ion:139 Resp: 744527

Ion Ratio Lower Upper

139 100

109 77.4 58.0 98.0

65 99.7 78.3 118.3

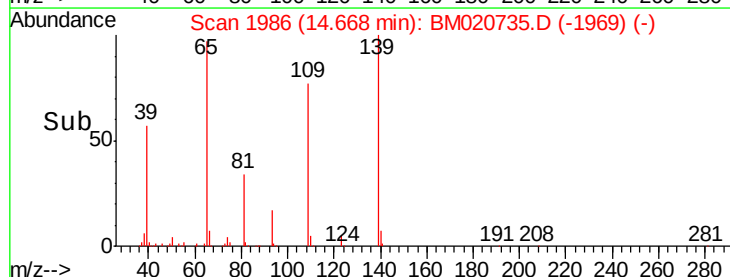
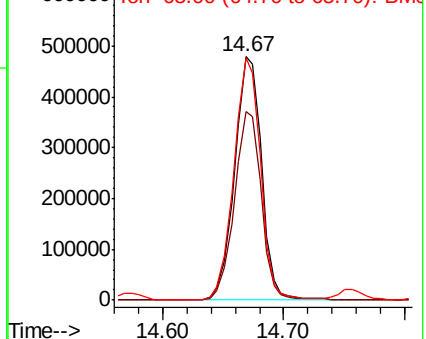


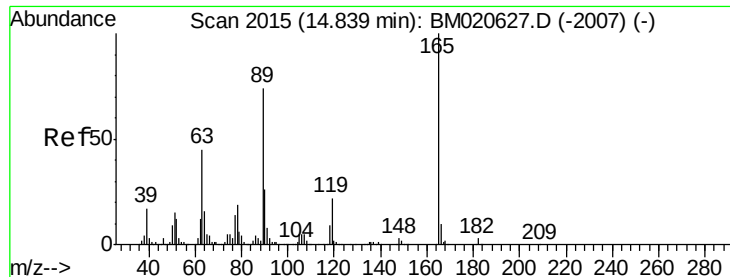
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

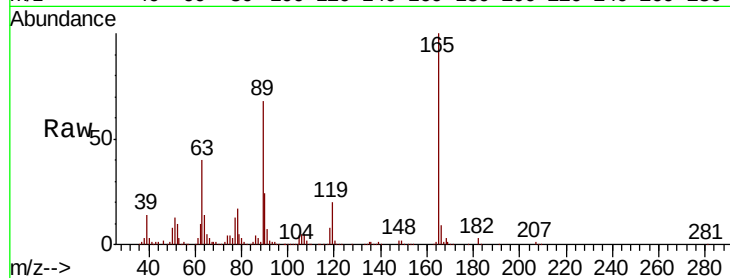




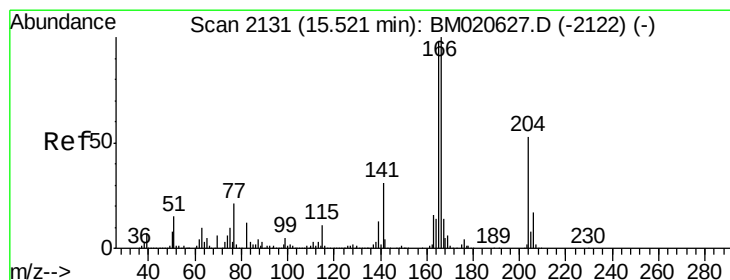
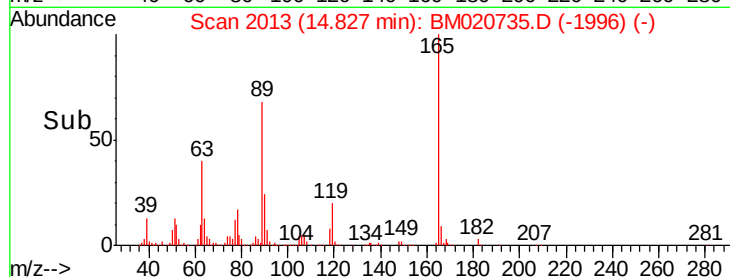
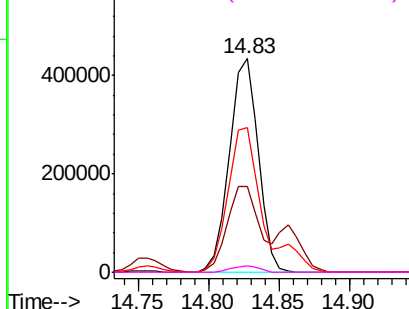
#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion:165 Resp: 619071
Ion Ratio Lower Upper
165 100
63 40.4 32.8 49.2
89 67.9 55.9 83.9
182 2.9 2.4 3.6

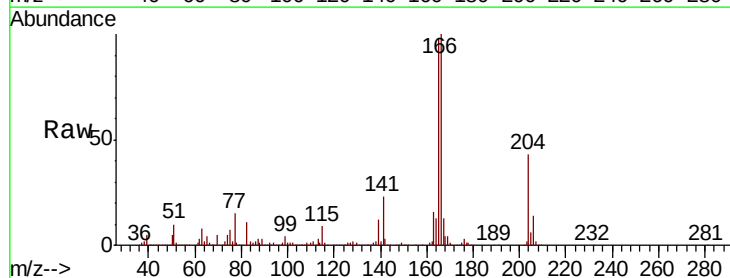


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

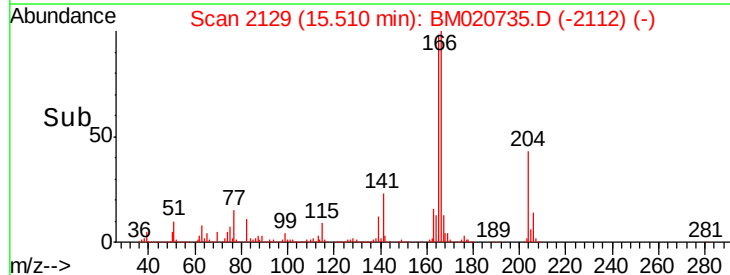
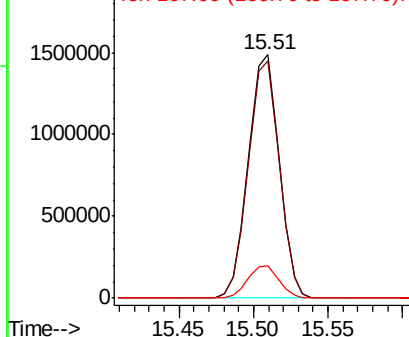


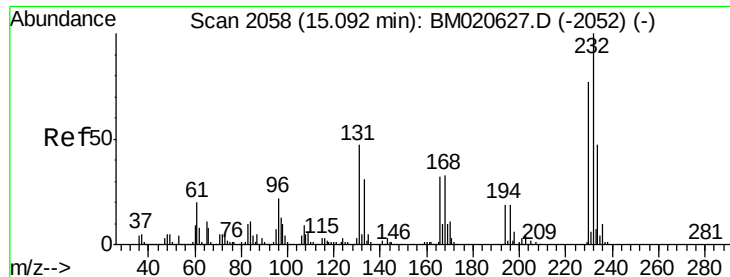
#58
Fluorene
Concen: 41.350 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:166 Resp: 2133169
Ion Ratio Lower Upper
166 100
165 97.6 79.4 119.2
167 13.4 10.8 16.2



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

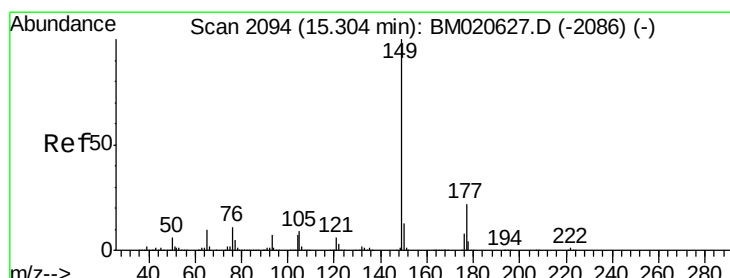
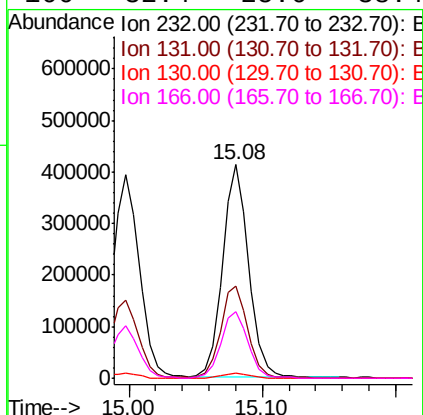
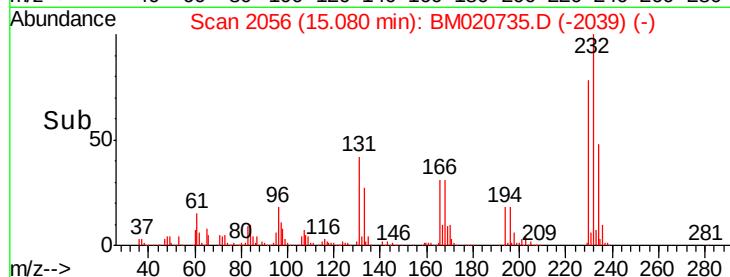
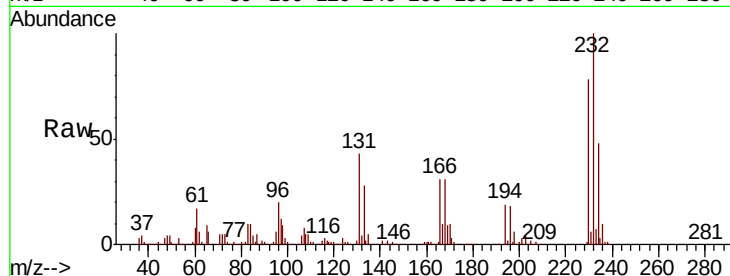




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.342 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

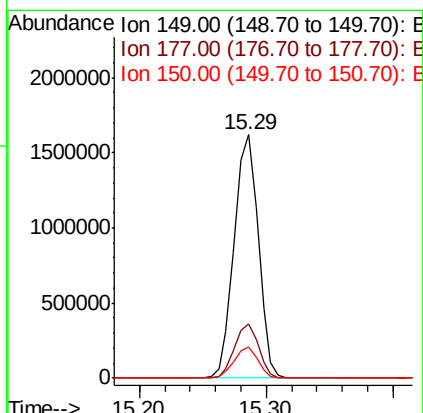
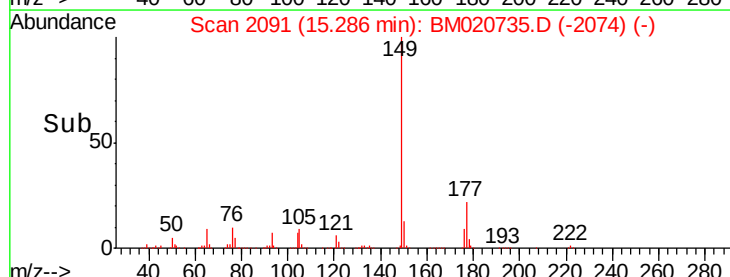
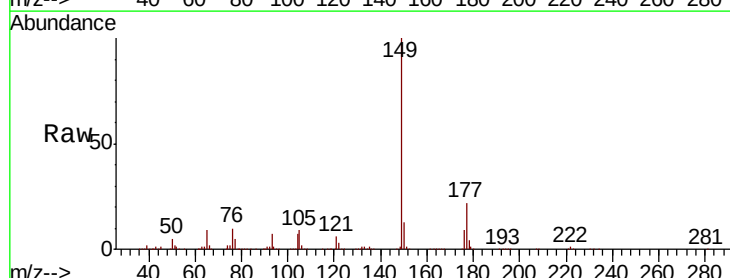
Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

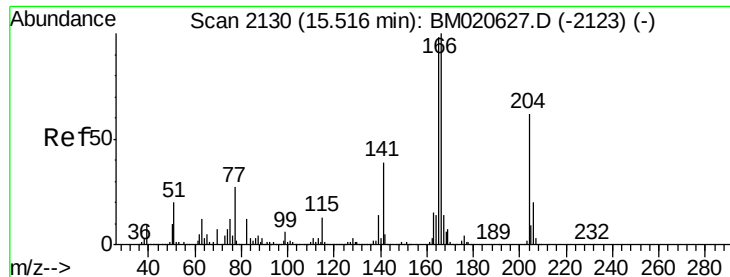
Tot Ion:232	Resp:	566713	
Ion Ratio	Lower	Upper	
232 100			
131 44.4	36.9	55.3	
130 2.5	2.0	3.0	
166 32.4	25.6	38.4	



#60
 Diethylphthalate
 Concen: 37.526 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion	149	Resp: Lower	2130851 Upper
	Ratio		
149	100		
177	22.5	17.4	26.2
150	12.7	10.0	15.0

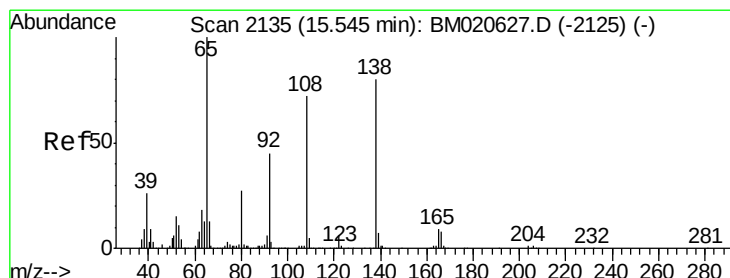
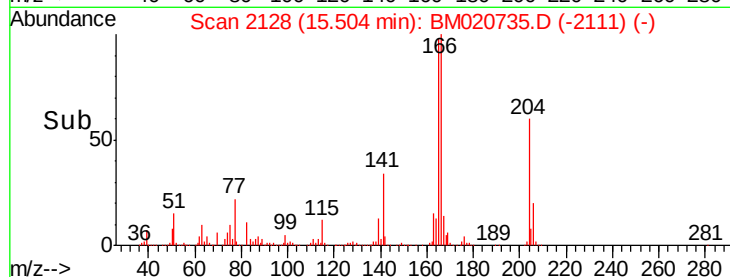
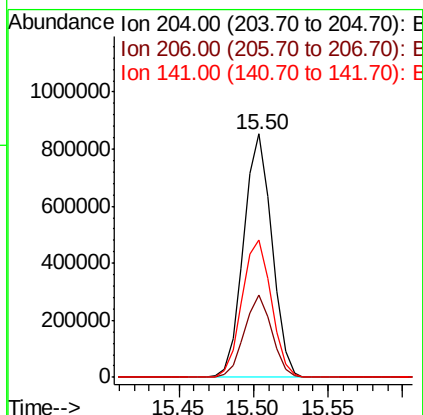
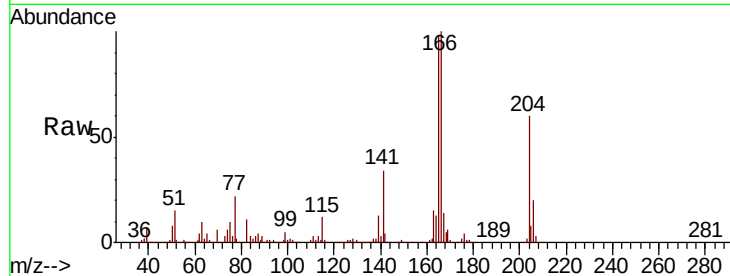




#61
4-Chlorophenyl-phenylether
Concen: 40.956 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

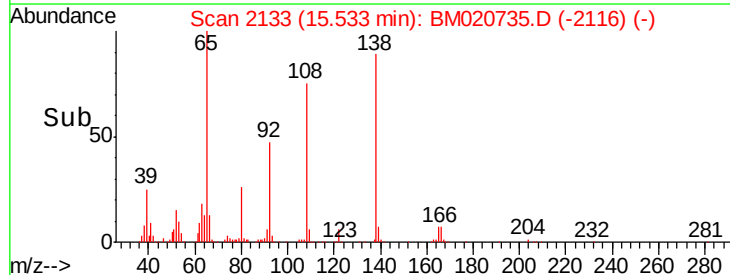
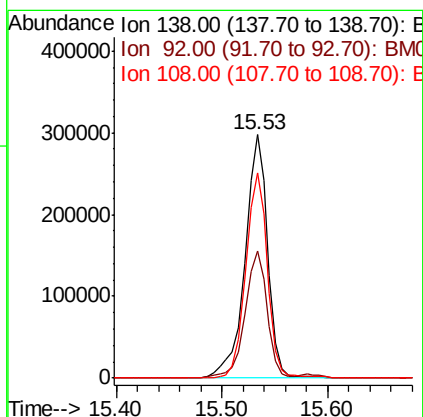
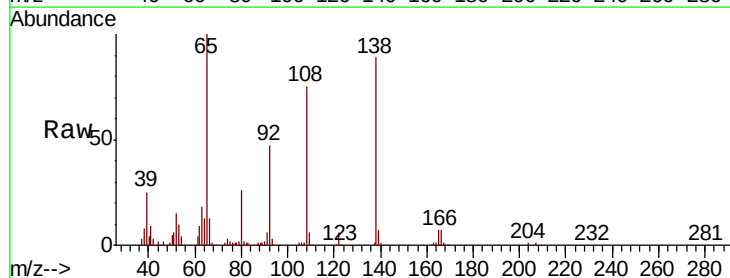
Instrument :
BNA_M
ClientSampleId :
PB120137BS

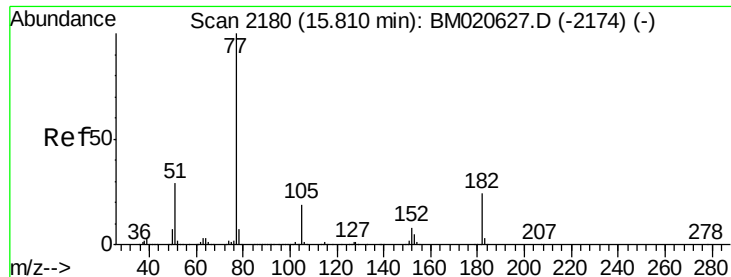
Tot Ion:204 Resp: 1118698
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 56.6 46.7 70.1



#62
4-Nitroaniline
Concen: 33.548 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:138 Resp: 443971
Ion Ratio Lower Upper
138 100
92 52.4 33.2 73.2
108 84.0 64.1 104.1





#63

Azobenzene

Concen: 37.061 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

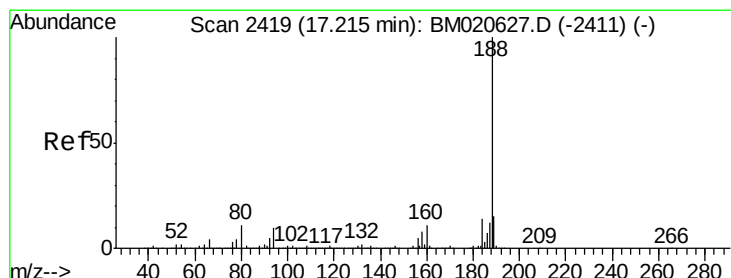
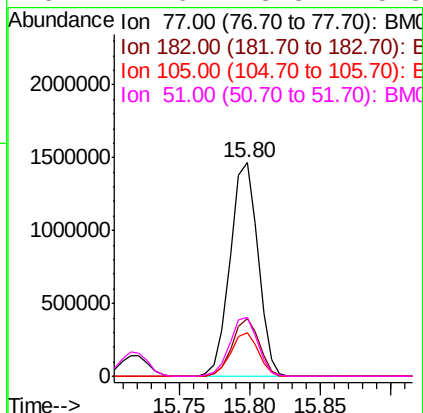
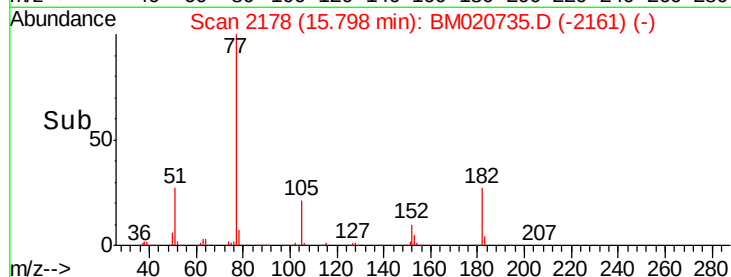
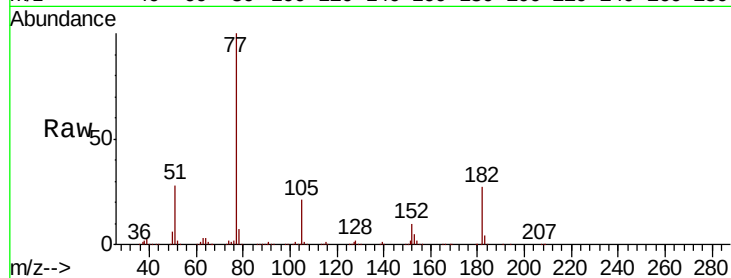
BNA_M

ClientSampleId :

PB120137BS

Tot Ion: 77 Resp: 2017566

Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.3	46.3
105	20.6	0.4	40.4
51	27.6	8.3	48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

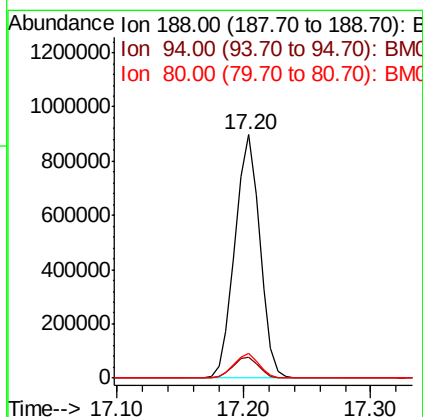
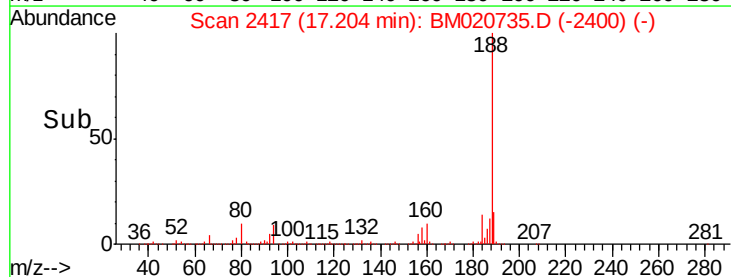
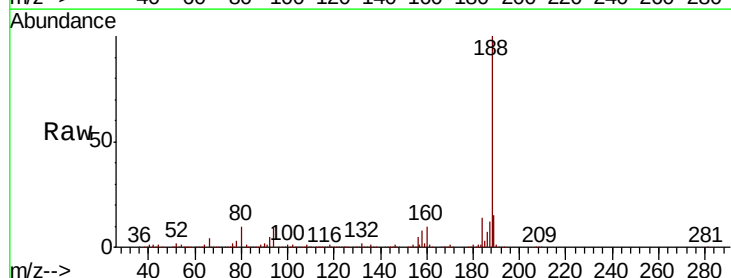
Delta R.T. -0.00 min

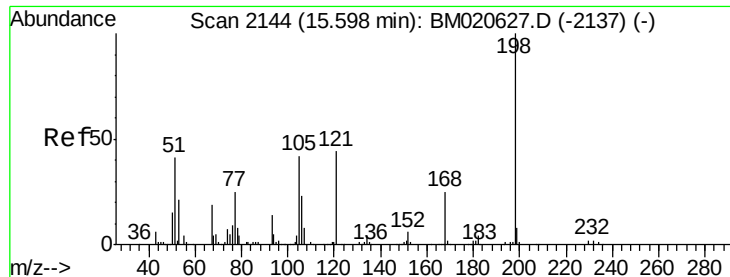
Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion: 188 Resp: 1218740

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	10.0	7.8	11.8

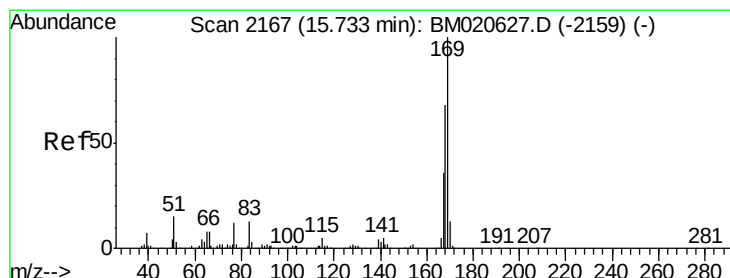
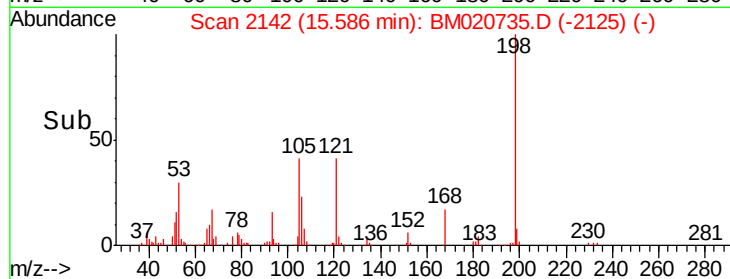
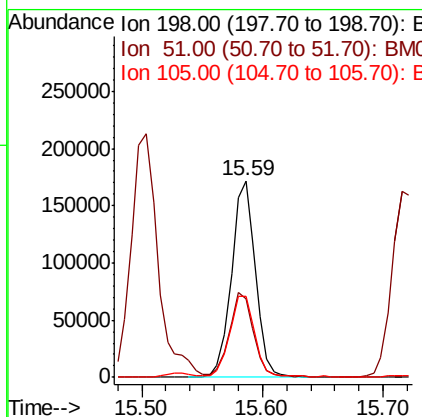
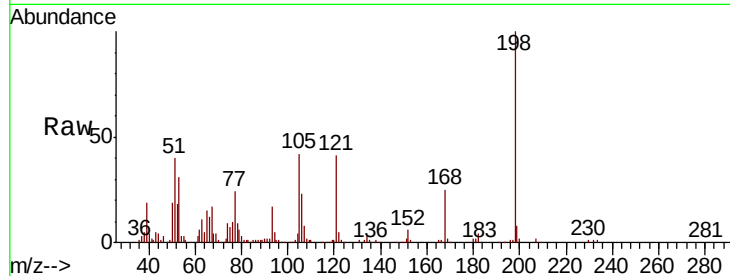




#65
4,6-Dinitro-2-methylphenol
Concen: 43.897 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

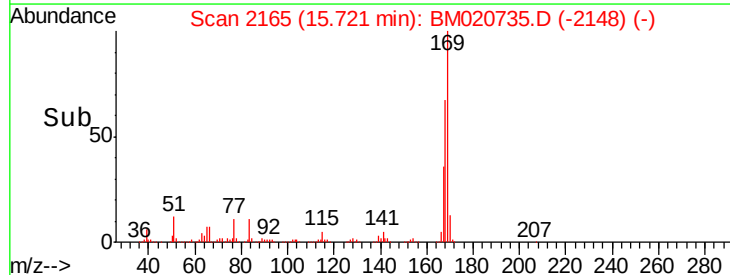
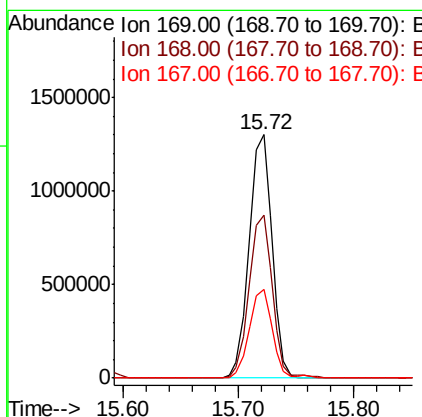
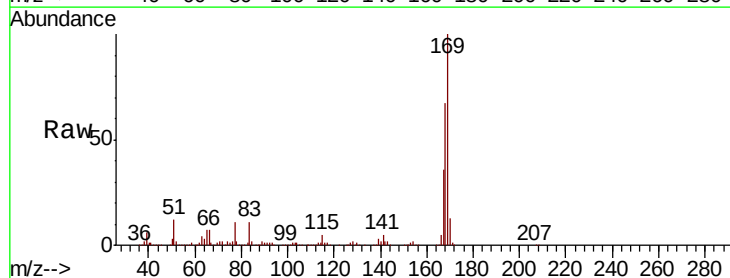
Instrument :
BNA_M
ClientSampleId :
PB120137BS

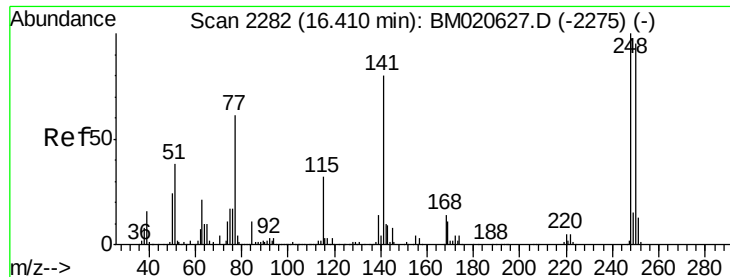
Tot Ion	198	Resp	238314
Ion Ratio	100	Lower	Upper
51	39.9	21.6	61.6
105	41.5	20.6	60.6



#66
n-Nitrosodiphenylamine
Concen: 46.102 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	169	Resp	1798648
Ion Ratio	100	Lower	Upper
168	67.1	54.7	82.1
167	36.4	29.3	43.9

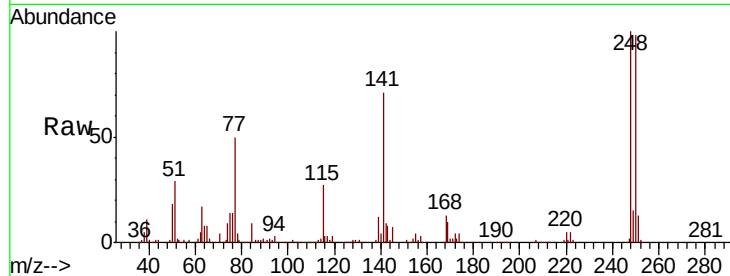




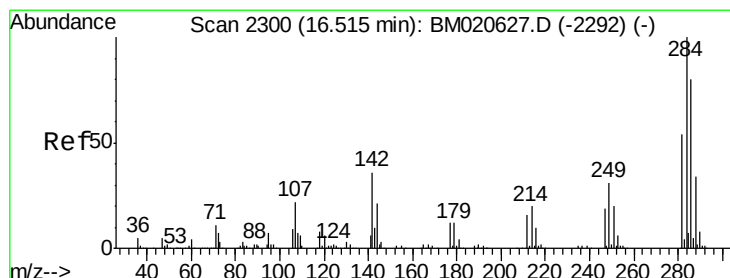
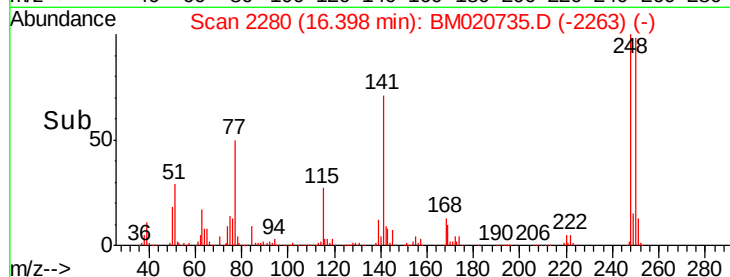
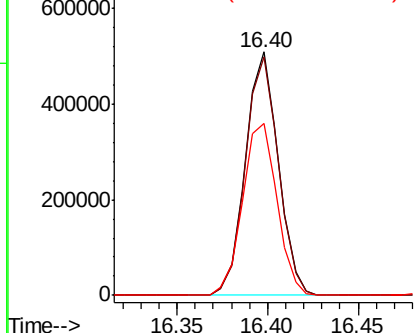
#67
4-Bromophenyl-phenylether
Concen: 44.735 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion:248 Resp: 641922
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 70.8 58.2 87.2

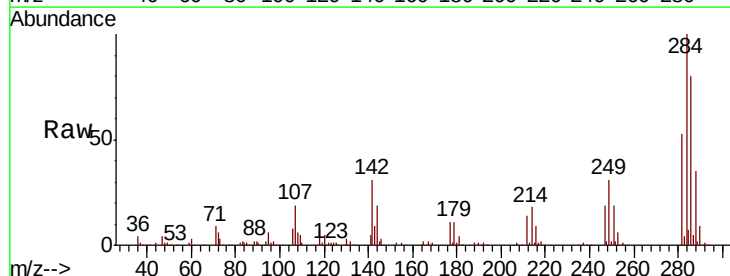


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

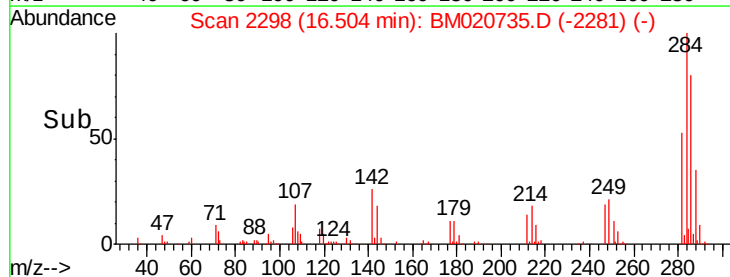
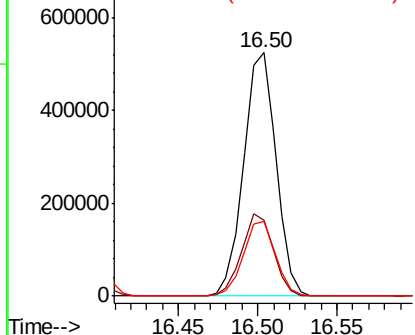


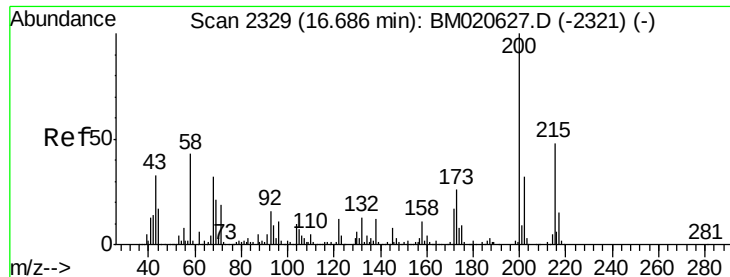
#68
Hexachlorobenzene
Concen: 44.495 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:284 Resp: 745555
Ion Ratio Lower Upper
284 100
142 31.1 25.4 38.0
249 30.7 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.081 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

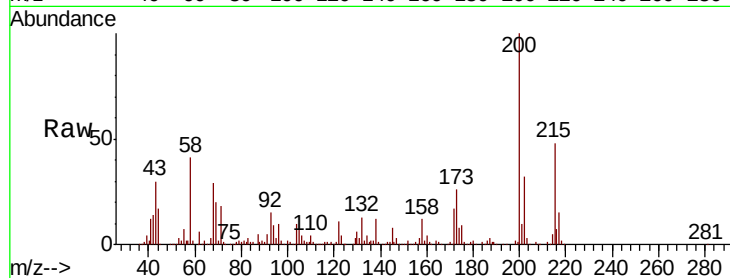
Tot Ion:200 Resp: 559859

Ion Ratio Lower Upper

200 100

173 26.2 5.7 45.7

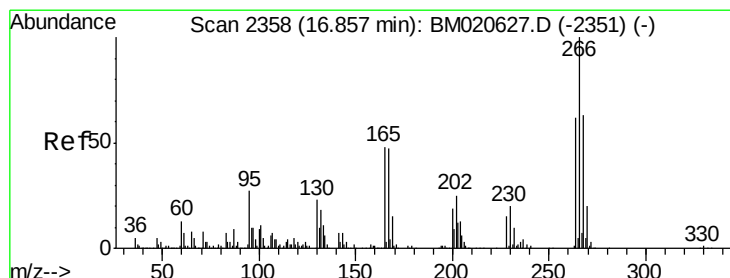
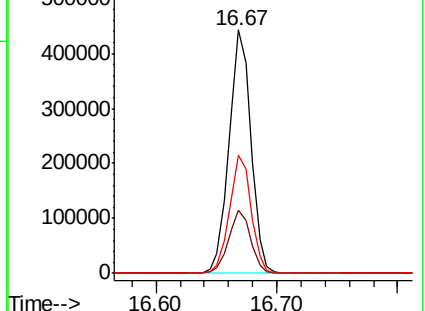
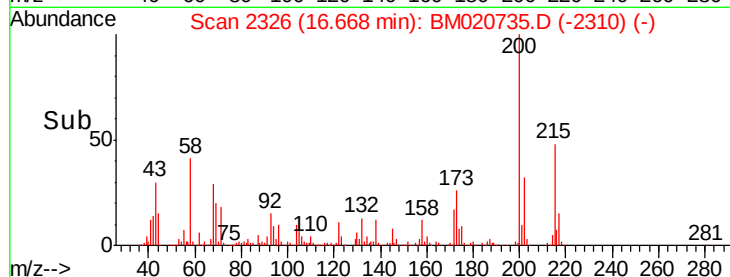
215 48.3 28.2 68.2



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: 102.667 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

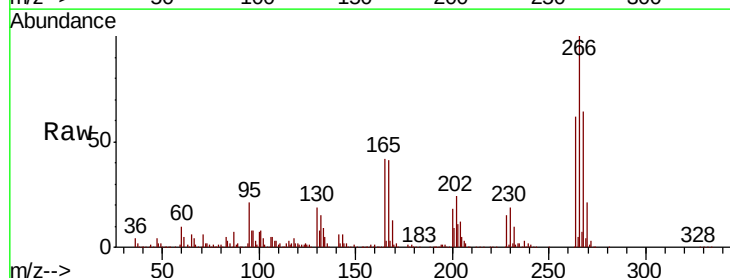
Tgt Ion:266 Resp: 820680

Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

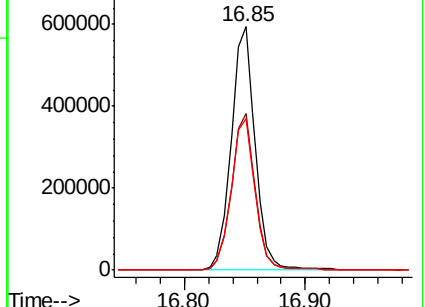
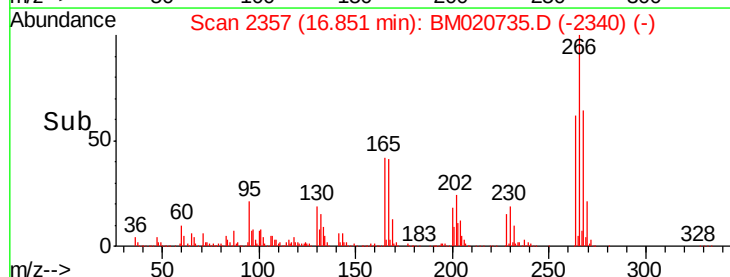
264 62.0 49.9 74.9

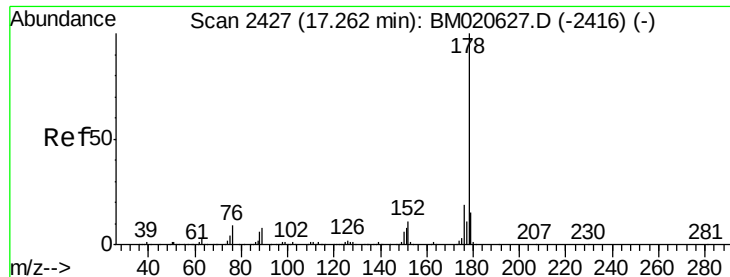


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

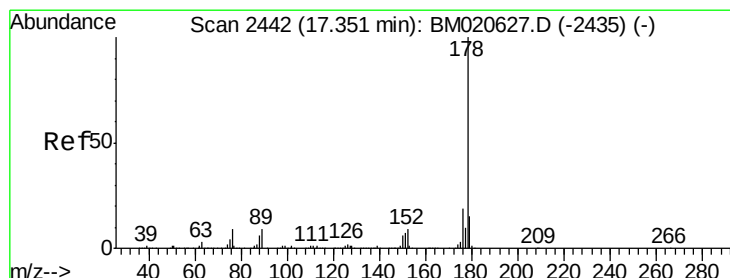
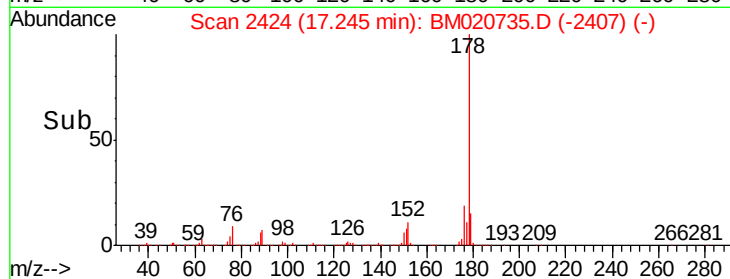
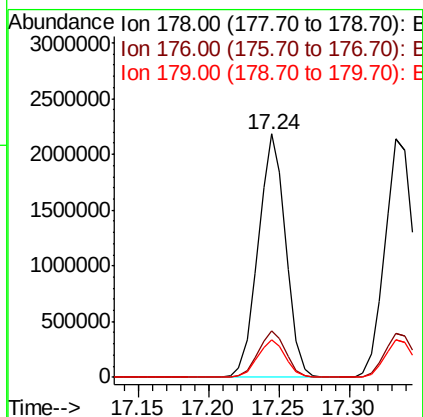
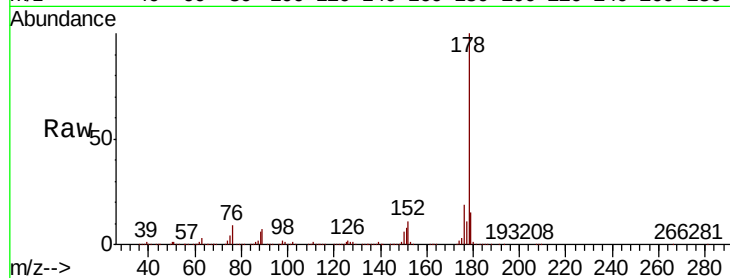




#71
Phenanthrene
Concen: 43.269 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

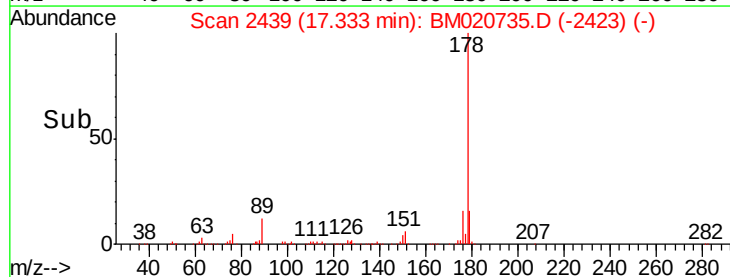
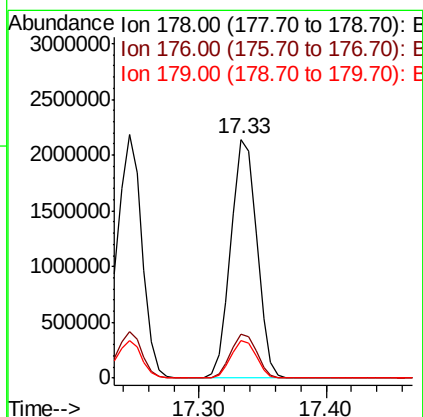
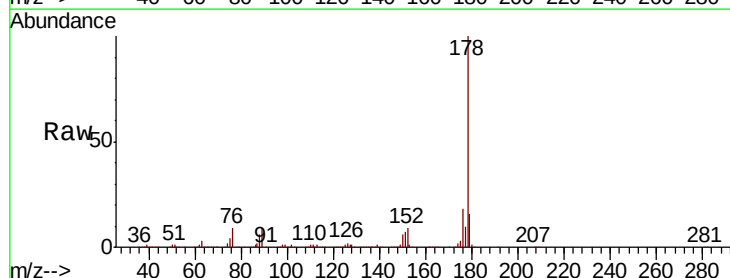
Instrument :
BNA_M
ClientSampleId :
PB120137BS

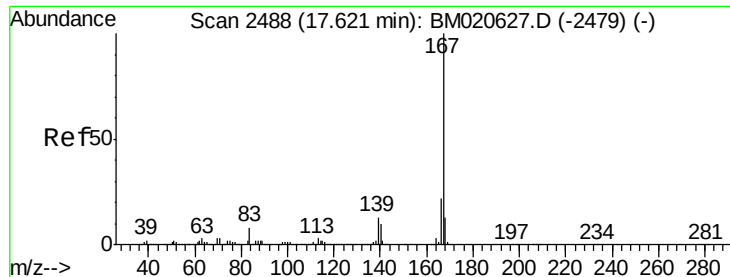
Tot Ion:178 Resp: 2989137
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 12.3 18.5



#72
Anthracene
Concen: 43.917 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:178 Resp: 3036505
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 11.9 17.9





#73

Carbazole

Concen: 41.501 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

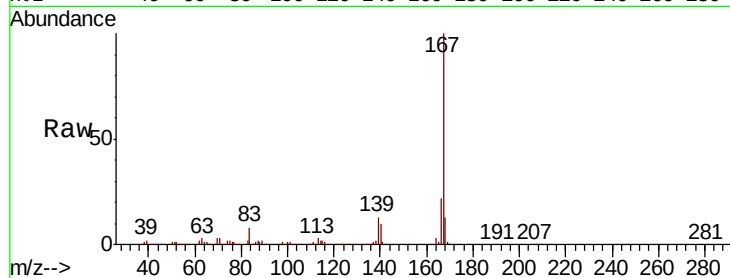
Tot Ion:167 Resp: 2603939

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

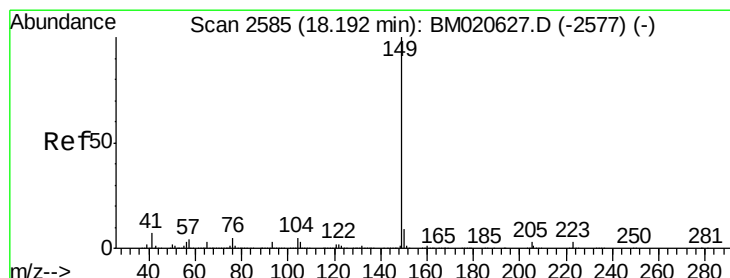
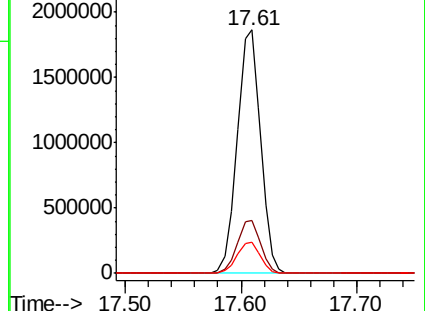
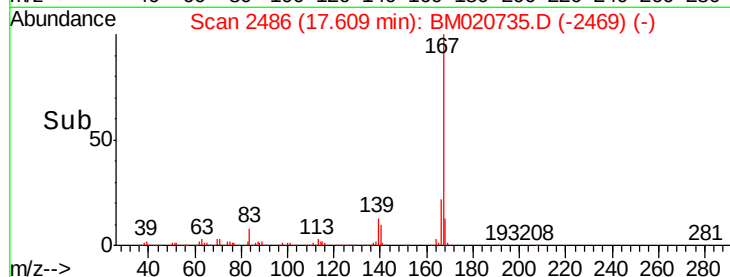
139 12.9 10.2 15.4



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: 38.304 ng

RT: 18.17 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

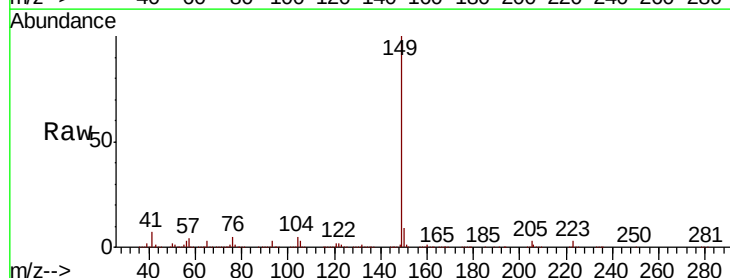
Tgt Ion:149 Resp: 3119884

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

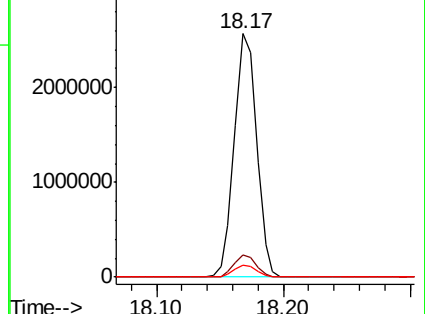
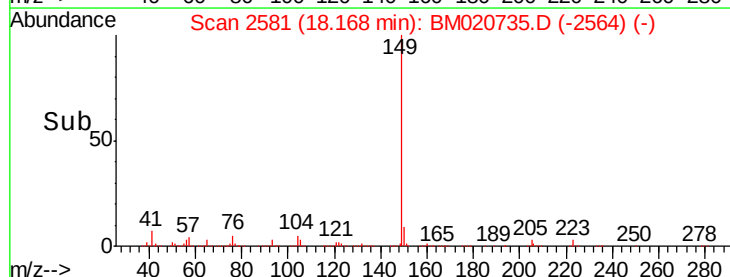
104 5.1 4.1 6.1

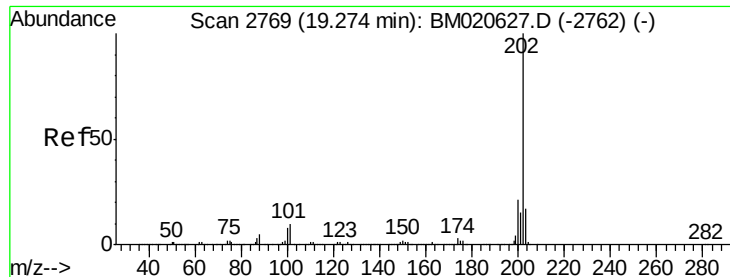


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.476 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

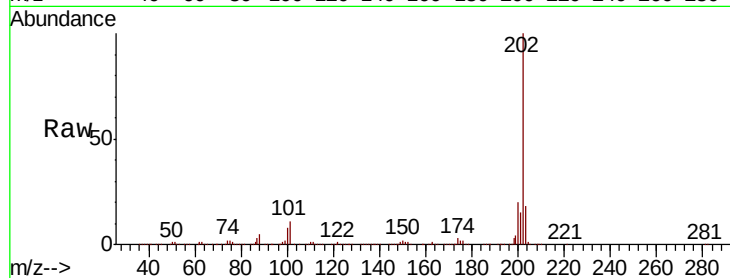
Tot Ion:202 Resp: 3109555

Ion Ratio Lower Upper

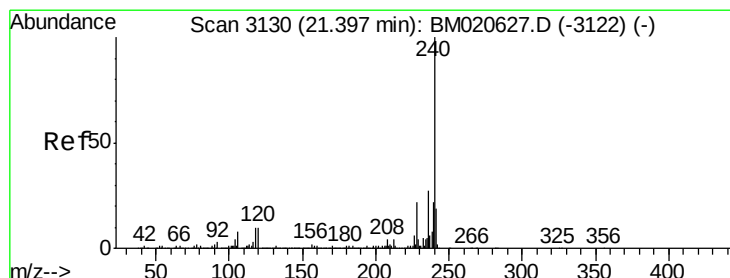
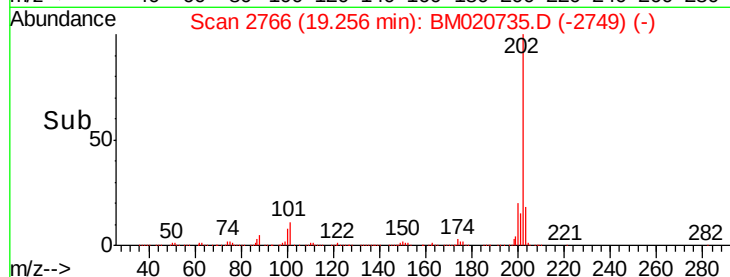
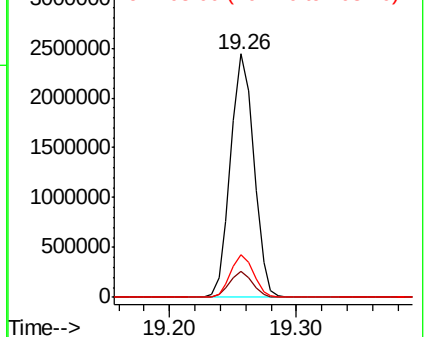
202 100

101 10.5 0.0 30.5

203 17.5 0.0 37.5



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. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

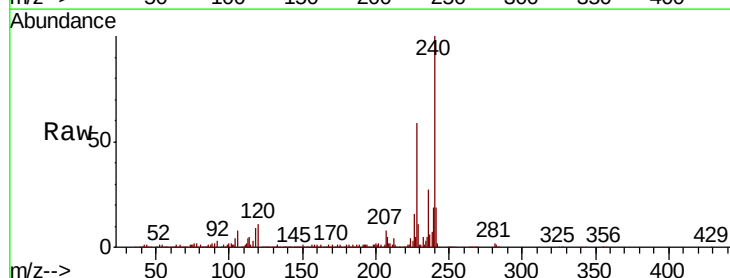
Tgt Ion:240 Resp: 1004707

Ion Ratio Lower Upper

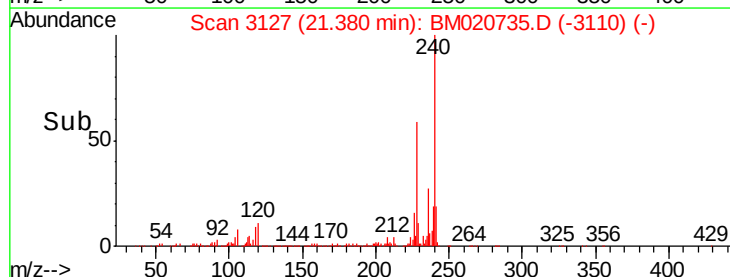
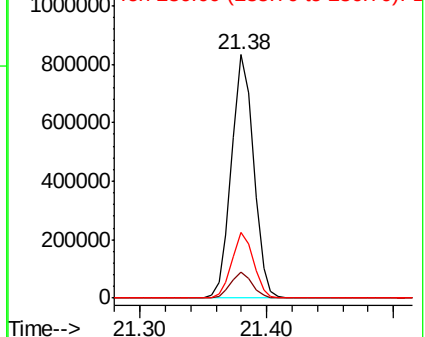
240 100

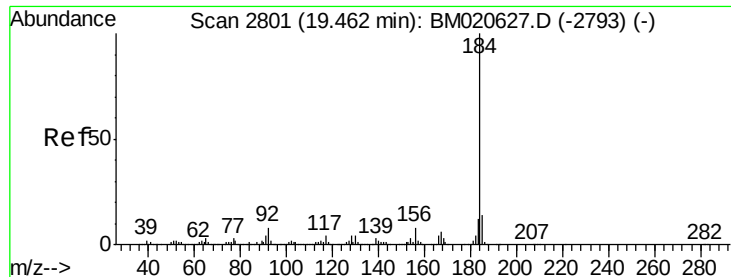
120 10.5 8.4 12.6

236 27.0 21.1 31.7



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: 44.106 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

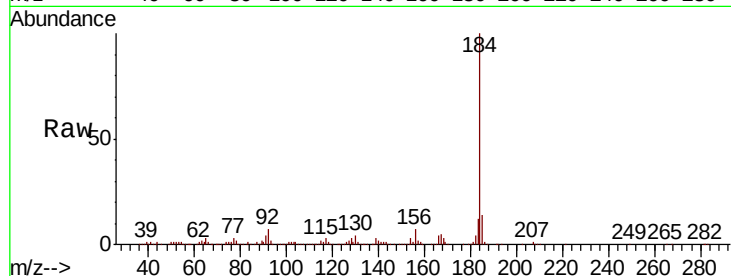
Tot Ion:184 Resp: 1342731

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

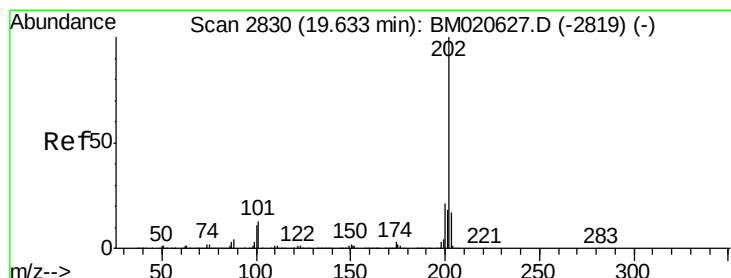
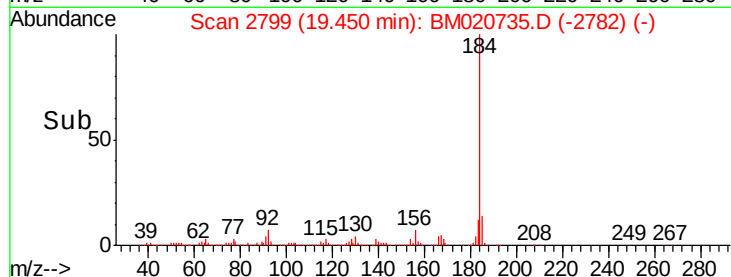
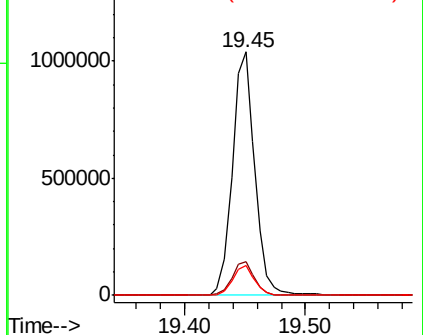
183 12.1 9.8 14.8



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: 41.319 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

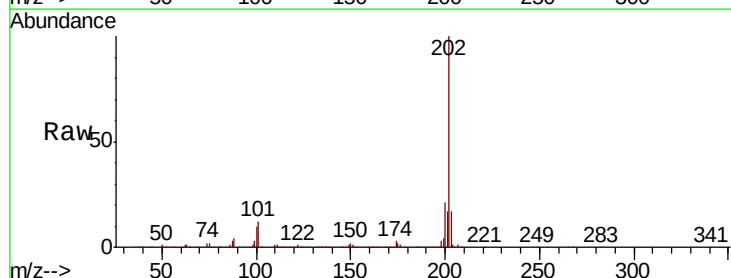
Tgt Ion:202 Resp: 3185677

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

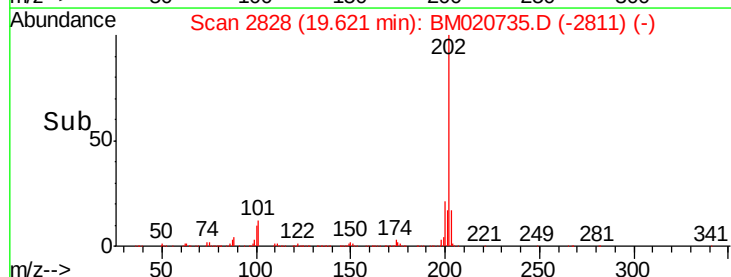
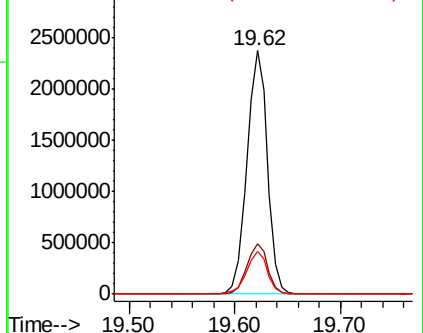
203 17.3 14.1 21.1

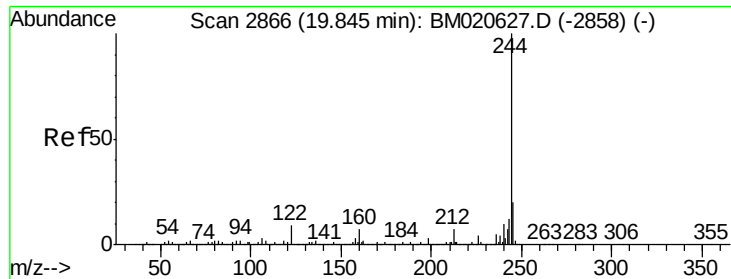


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.198 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampled :

PB120137BS

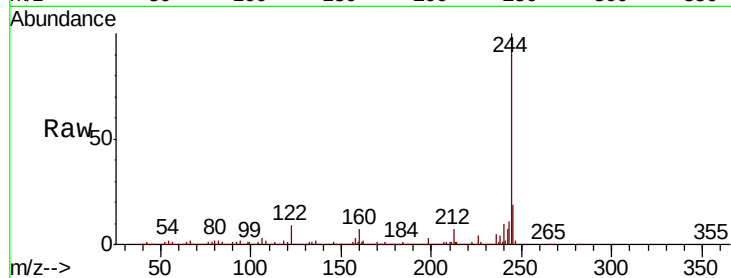
Tot Ion:244 Resp: 4757188

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

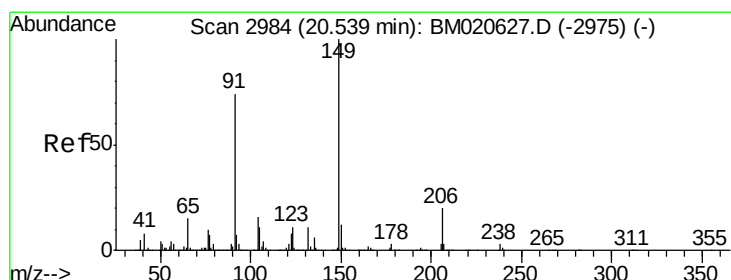
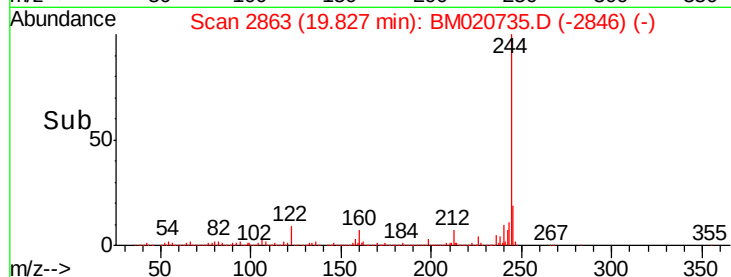
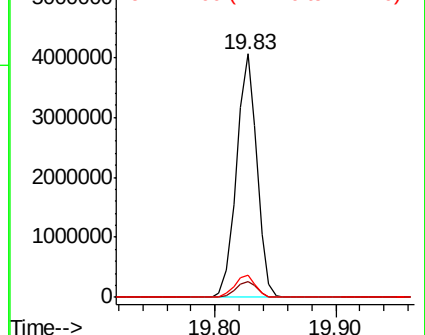
122 9.2 7.4 11.0



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: 36.776 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

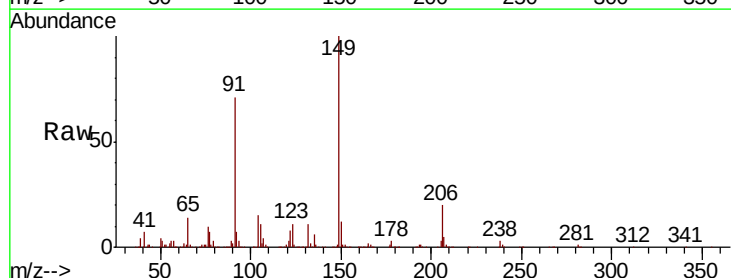
Tgt Ion:149 Resp: 1198239

Ion Ratio Lower Upper

149 100

91 71.2 57.1 85.7

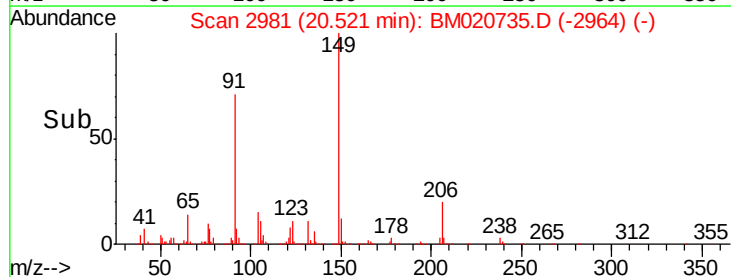
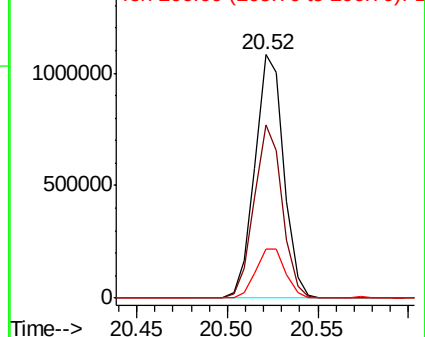
206 20.0 16.3 24.5

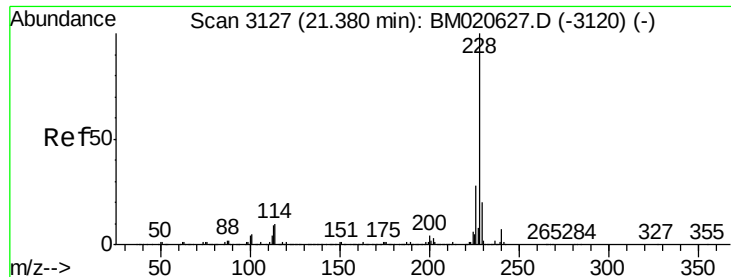


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.813 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

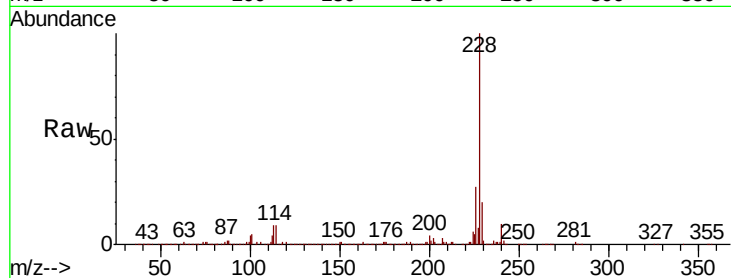
Tot Ion:228 Resp: 2925516

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.6 15.9 23.9

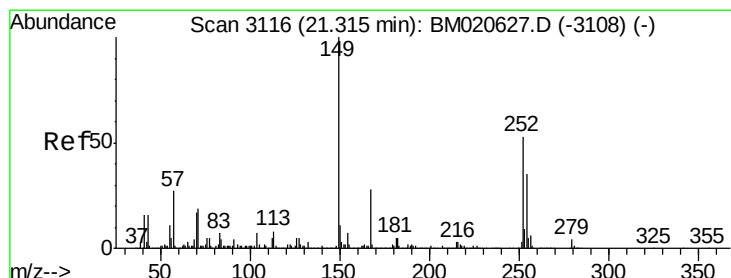
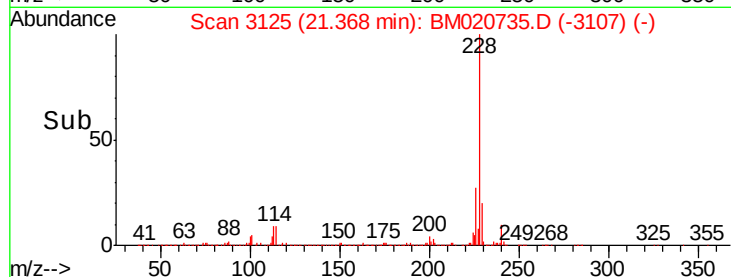
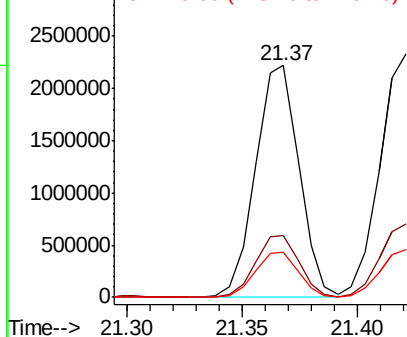


Abundance

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: 34.118 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

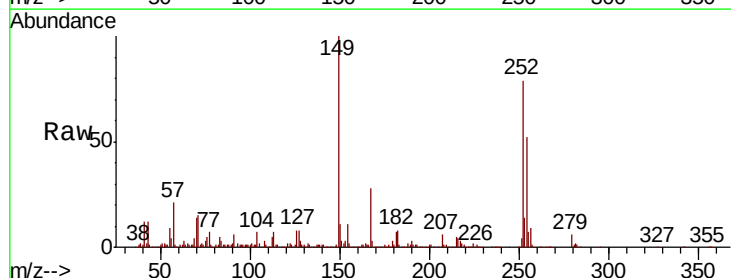
Tgt Ion:252 Resp: 874146

Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 9.9 7.8 11.8

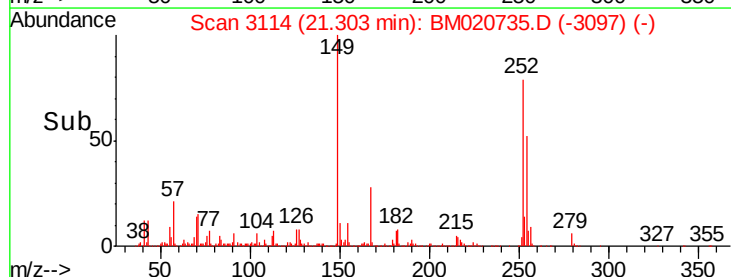
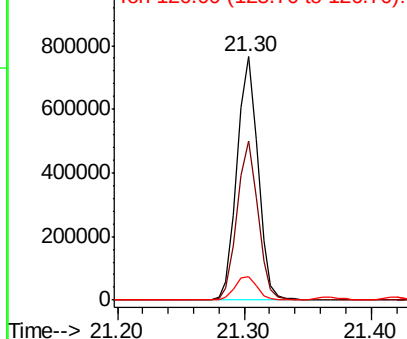


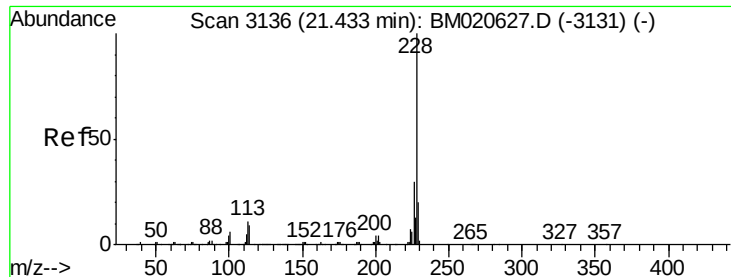
Abundance

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: 43.424 ng

RT: 21.42 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

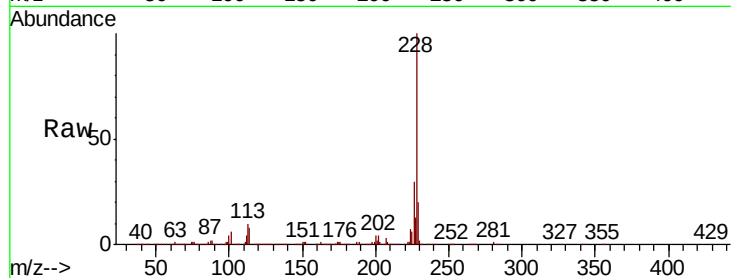
Tot Ion:228 Resp: 2888040

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

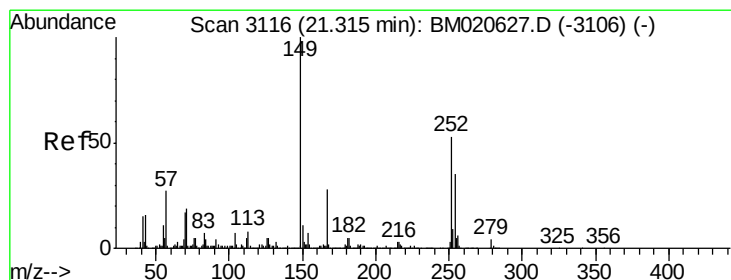
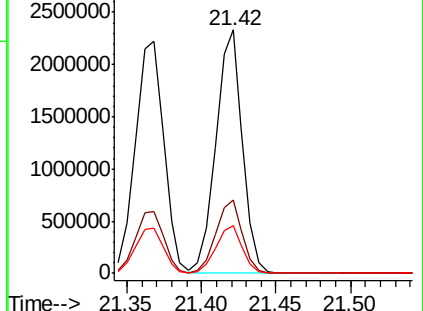
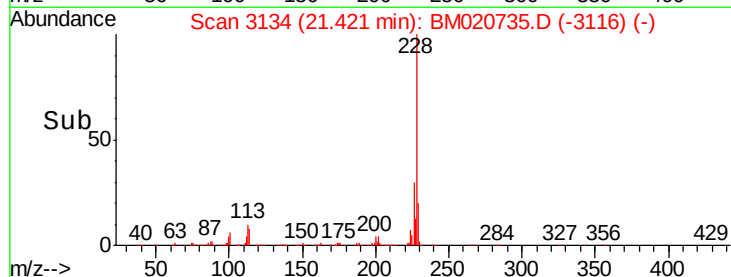
229 19.6 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.471 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

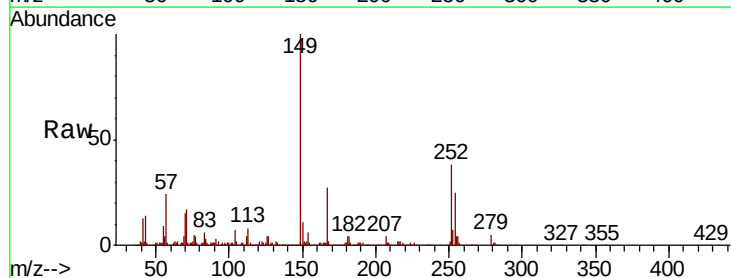
Tgt Ion:149 Resp: 1679707

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

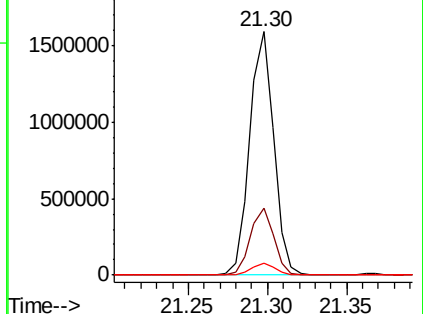
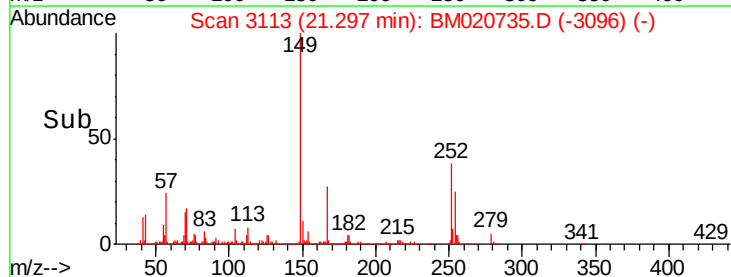
279 4.7 4.0 6.0

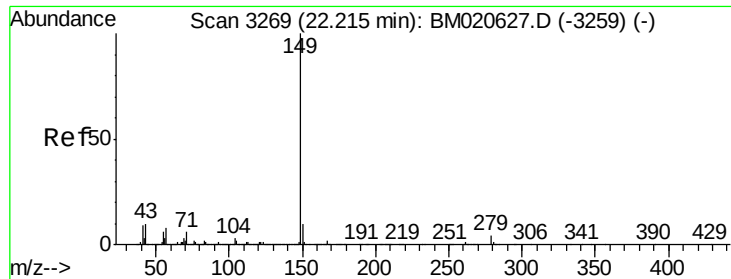


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.463 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

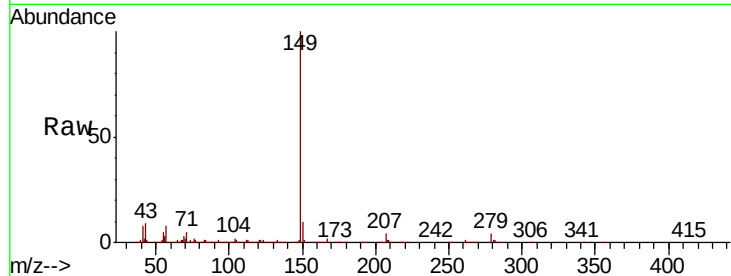
Tot Ion:149 Resp: 2741326

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

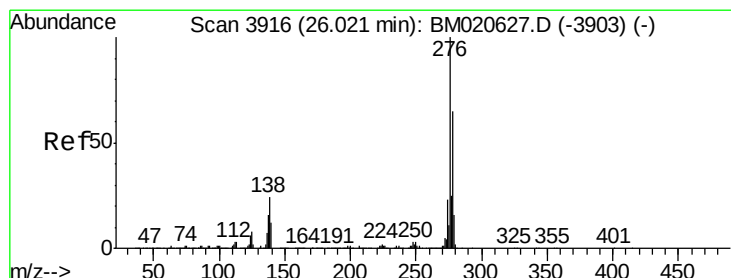
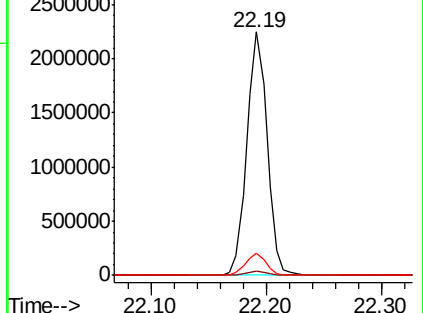
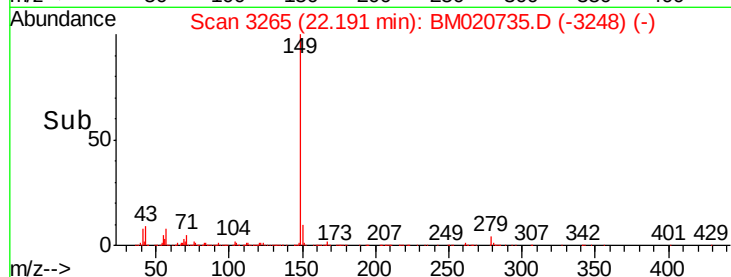
43 8.9 7.4 11.2



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.558 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

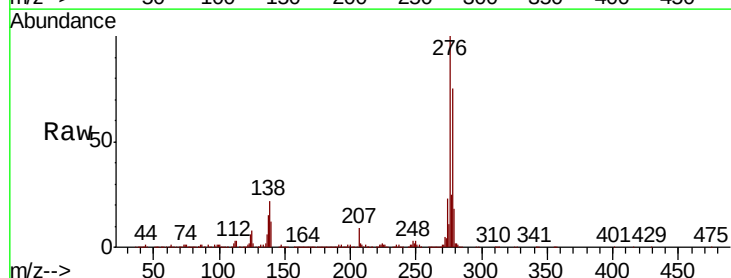
Tgt Ion:276 Resp: 4188453

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

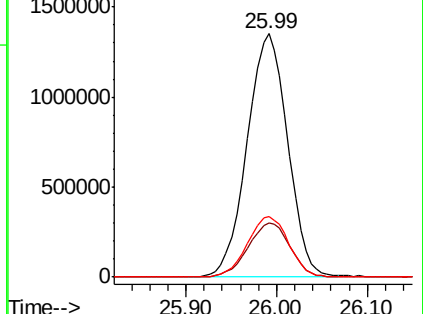
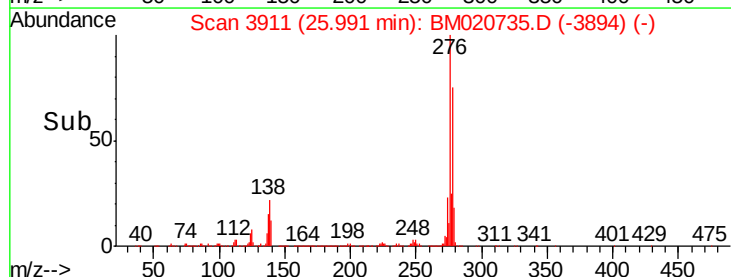
277 25.3 20.5 30.7

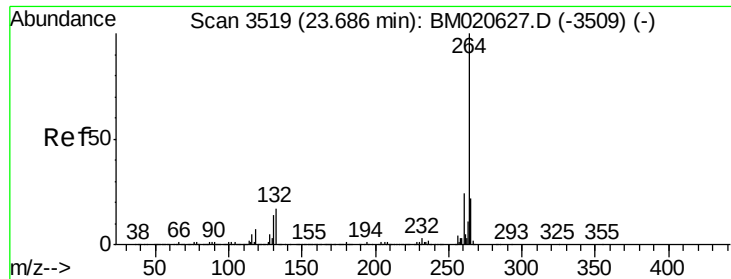


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



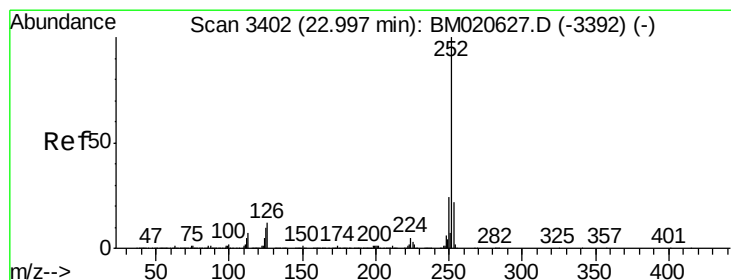
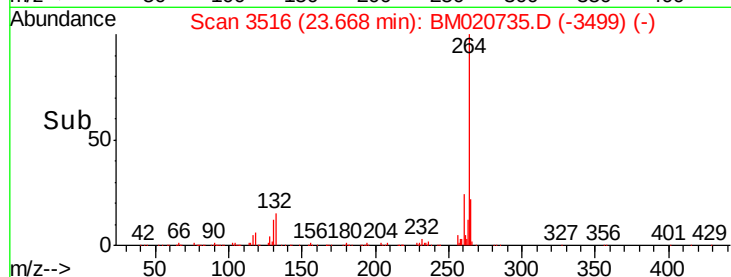
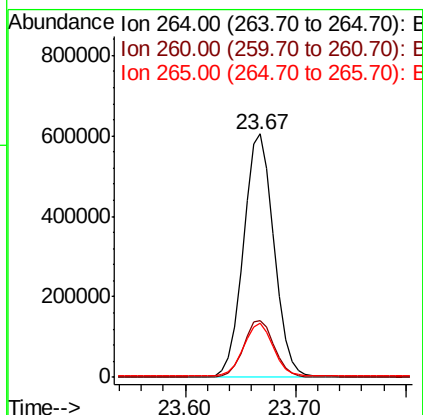
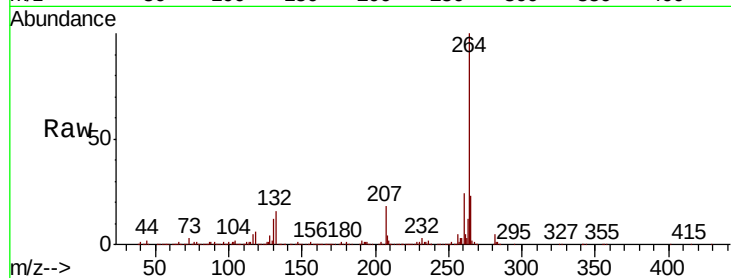


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion:264 Resp: 1179162

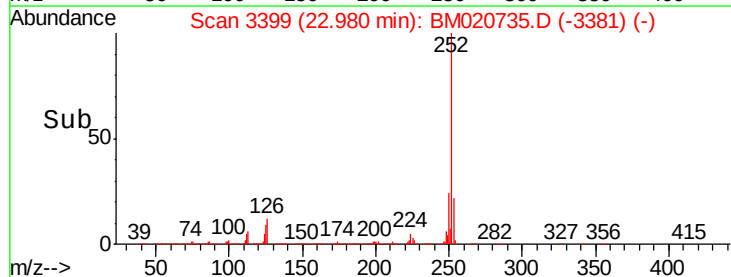
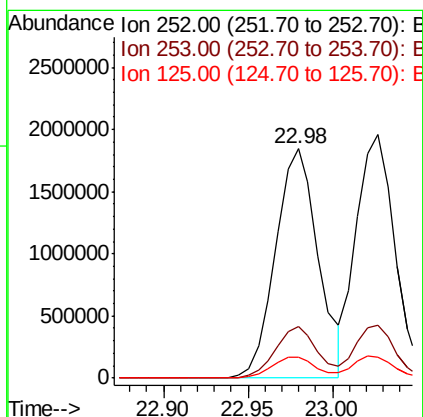
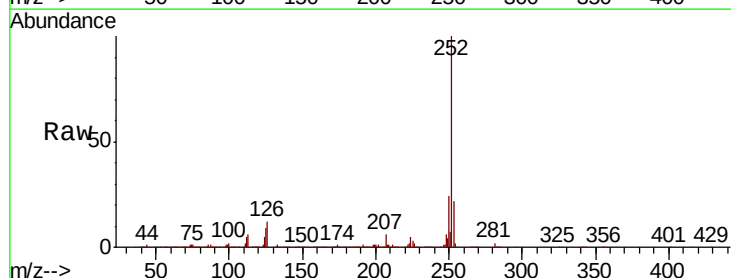
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.5	17.4	26.0

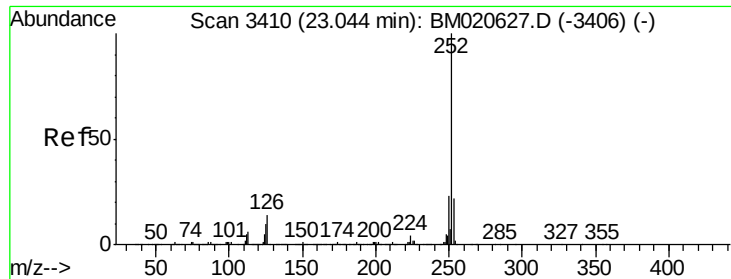


#88
Benzo(b)fluoranthene
Concen: 41.656 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:252 Resp: 3246487

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.2	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 40.756 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

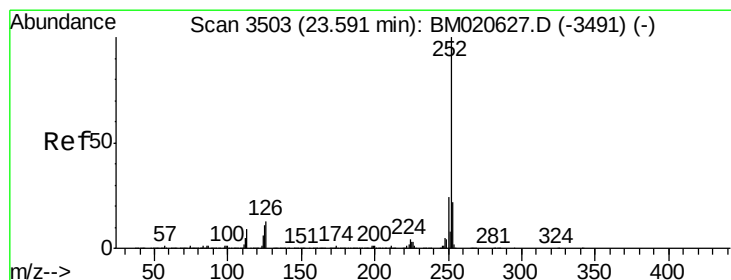
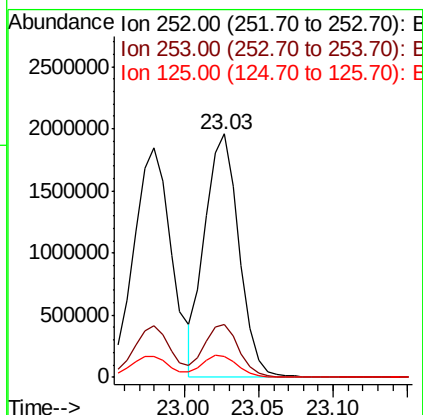
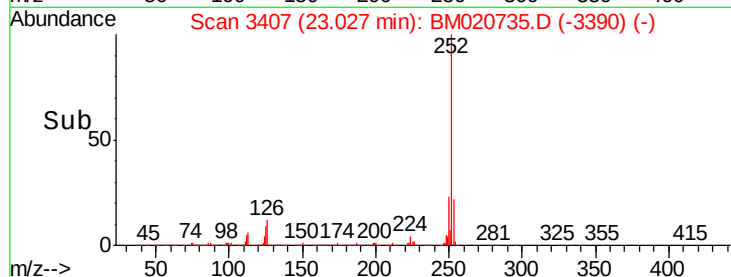
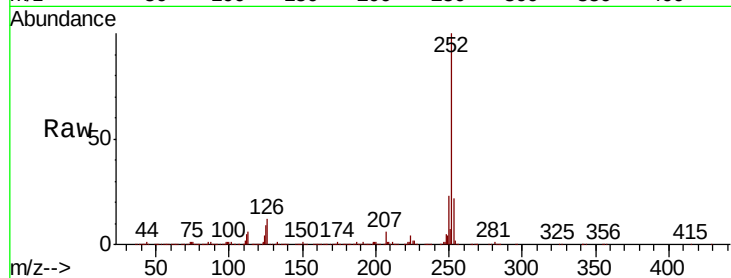
Tot Ion:252 Resp: 3104095

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 45.269 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

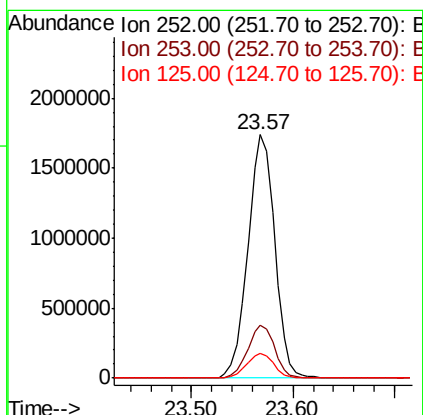
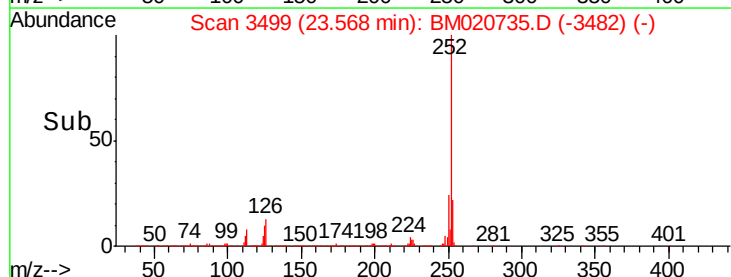
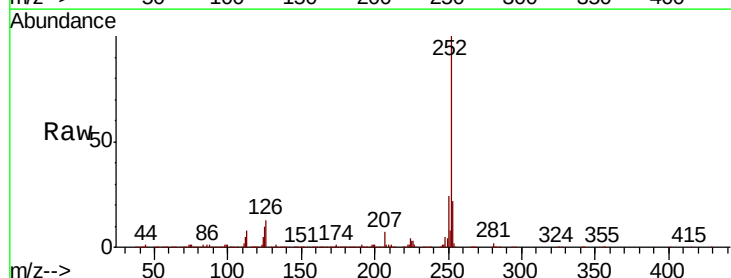
Tgt Ion:252 Resp: 3200147

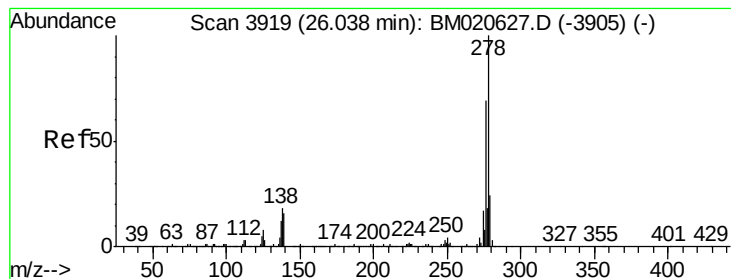
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 51.483 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

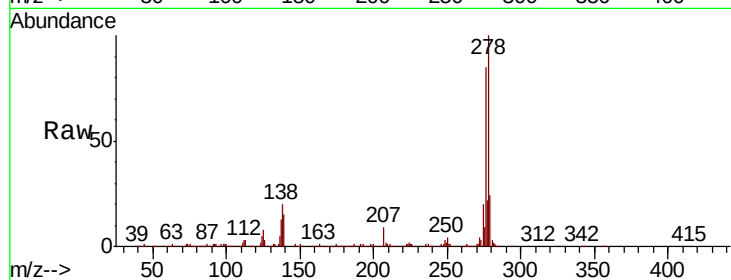
BNA_M

ClientSampleId :

PB120137BS

Tot Ion:278 Resp: 3530877

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.6
279	23.9	18.3	27.5

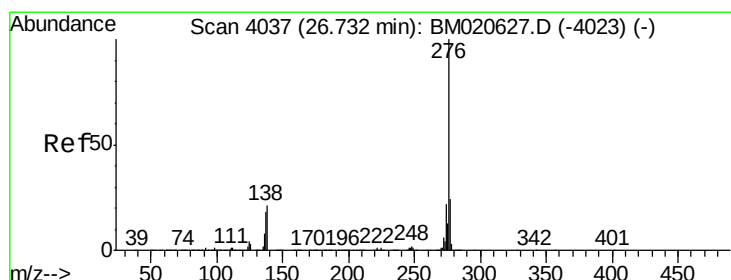
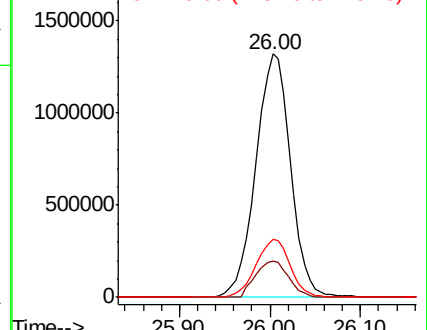
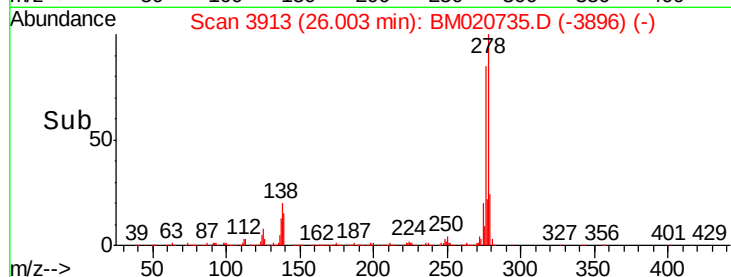


Abundance

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: 54.127 ng

RT: 26.70 min Scan# 4032

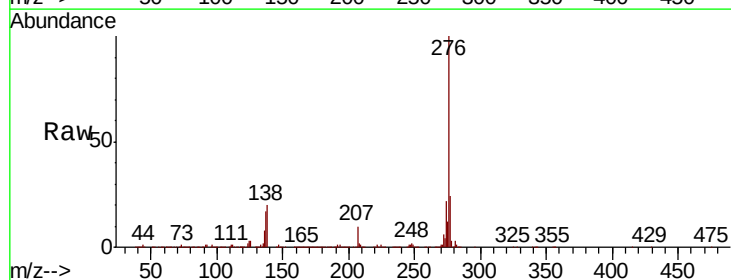
Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:276 Resp: 3448047

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	19.6	16.2	24.4



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

