

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020709.D
 Acq On : 04 Jun 2019 18:48
 Operator : HP/JU
 Sample : PB120137BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Quant Time: Jun 05 03:26:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	316143	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1199603	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	615611	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1195680	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1009918	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1180340	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2435584	135.52	ng	0.00
7) Phenol-d6	6.99	99	3155460	119.24	ng	0.00
23) Nitrobenzene-d5	8.99	82	1924039	83.10	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1039197	136.25	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	4154020	89.71	ng	0.00
79) Terphenyl-d14	19.83	244	4717759	78.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	308004	41.859	ng	97
3) Pyridine	3.74	79	852589	36.418	ng	98
4) n-Nitrosodimethylamine	3.66	42	390991	38.743	ng	96
6) Aniline	7.16	93	1079809	28.200	ng	98
8) 2-Chlorophenol	7.39	128	957770	42.838	ng	98
9) Benzaldehyde	6.97	77	292510	15.307	ng	97
10) Phenol	7.02	94	1151243	40.368	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	863005	37.971	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1009347	39.280	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1028824	39.384	ng	98
14) 1,2-Dichlorobenzene	8.17	146	990724	38.972	ng	99
15) Benzyl Alcohol	8.06	79	834706	35.654	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1197554	34.129	ng	99
17) 2-Methylphenol	8.26	107	759175	37.857	ng	99
18) Hexachloroethane	8.90	117	377916	37.786	ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	705441	33.162	ng	96
20) 3+4-Methylphenols	8.59	107	1006024	36.872	ng	97
22) Acetophenone	8.65	105	1317410	43.230	ng	# 96
24) Nitrobenzene	9.03	77	1034360	43.761	ng	98
25) Isophorone	9.55	82	1828689	39.706	ng	100
26) 2-Nitrophenol	9.73	139	448297	50.890	ng	99
27) 2,4-Dimethylphenol	9.79	122	811795	49.179	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1117571	40.133	ng	99
29) 2,4-Dichlorophenol	10.26	162	833620	45.646	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	934598	44.506	ng	100
31) Naphthalene	10.67	128	2704478	43.841	ng	100
32) Benzoic acid	9.92	122	444071	43.303	ng	99
33) 4-Chloroaniline	10.78	127	395903	13.790	ng	97
34) Hexachlorobutadiene	10.94	225	543790	43.158	ng	98
35) Caprolactam	11.57	113	216201	34.077	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	848568	39.964	ng	99
37) 2-Methylnaphthalene	12.28	142	1928089	42.168	ng	99
38) 1-Methylnaphthalene	12.50	142	1837344	42.201	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	983957	48.773	ng	99

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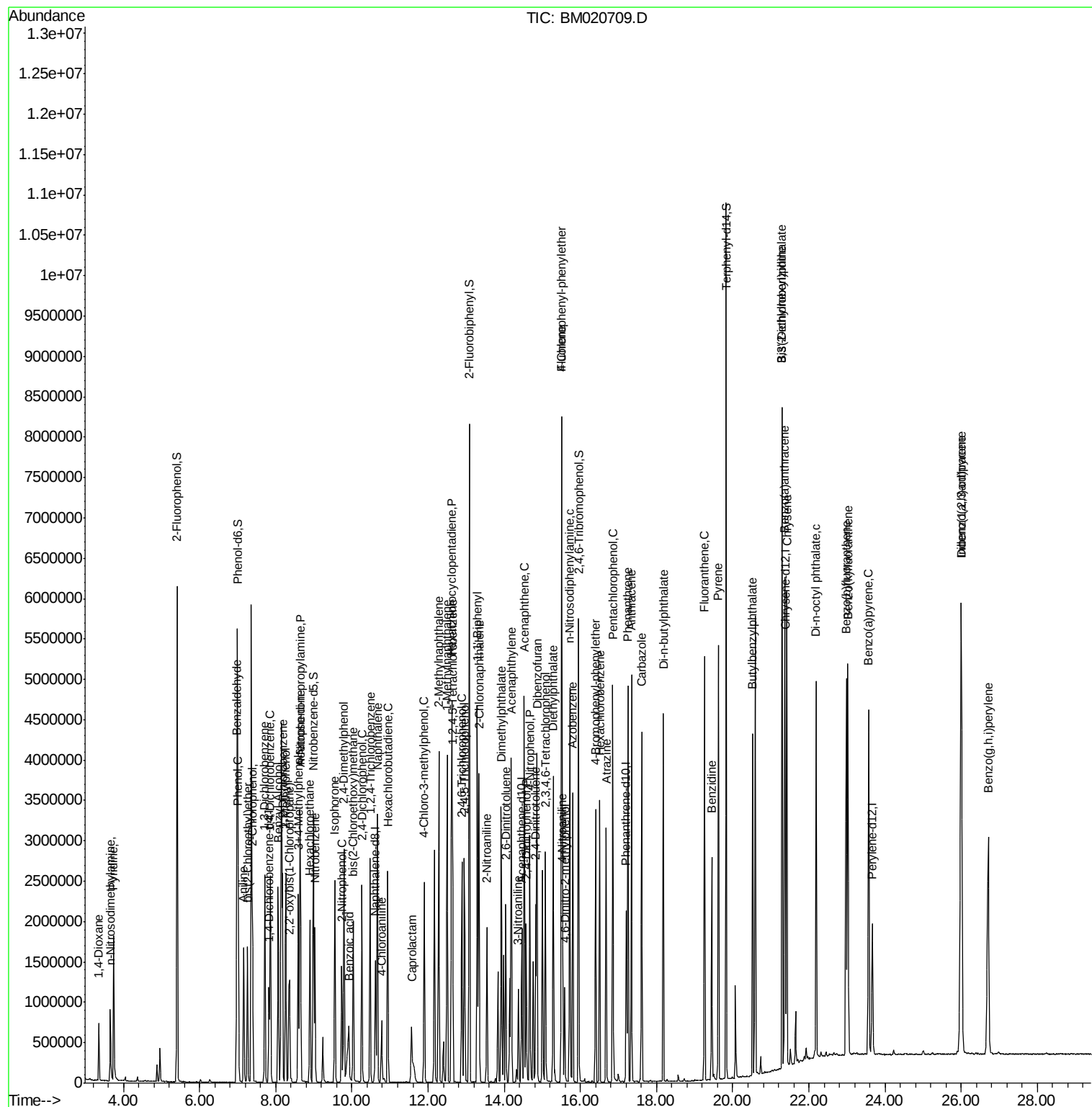
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1249446	103.554	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	616899	47.506	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	648372	48.363	ng	97
46) 1,1'-Biphenyl	13.29	154	2373703	46.169	ng	98
47) 2-Chloronaphthalene	13.33	162	1838837	44.314	ng	100
48) 2-Nitroaniline	13.54	65	509684	39.134	ng	90
49) Acenaphthylene	14.19	152	2879495	44.474	ng	99
50) Dimethylphthalate	13.92	163	2166621	41.195	ng	99
51) 2,6-Dinitrotoluene	14.04	165	466384	43.671	ng	89
52) Acenaphthene	14.53	154	1673115	43.363	ng	99
53) 3-Nitroaniline	14.37	138	273999	22.987	ng	96
54) 2,4-Dinitrophenol	14.57	184	380212	82.507	ng	95
55) Dibenzofuran	14.86	168	2586086	43.154	ng	98
56) 4-Nitrophenol	14.67	139	741806	84.450	ng	91
57) 2,4-Dinitrotoluene	14.83	165	604738	42.292	ng	95
58) Fluorene	15.51	166	2063693	41.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	544653	46.623	ng	98
60) Diethylphthalate	15.29	149	2130065	39.268	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1067883	40.926	ng	98
62) 4-Nitroaniline	15.53	138	441376	34.914	ng	96
63) Azobenzene	15.80	77	2011627	38.682	ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	234254	43.965	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1760835	46.003	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	620580	44.082	ng	96
68) Hexachlorobenzene	16.50	284	710173	43.201	ng	96
69) Atrazine	16.67	200	551510	48.277	ng	100
70) Pentachlorophenol	16.85	266	810298	103.323	ng	100
71) Phenanthrene	17.25	178	2936681	43.330	ng	100
72) Anthracene	17.34	178	3015806	44.458	ng	100
73) Carbazole	17.61	167	2589592	42.068	ng	99
74) Di-n-butylphthalate	18.17	149	3158738	39.529	ng	100
75) Fluoranthene	19.26	202	3103192	41.172	ng	99
77) Benzidine	19.45	184	1434237	46.868	ng	99
78) Pyrene	19.62	202	3151858	40.669	ng	100
80) Butylbenzylphthalate	20.53	149	1260148	38.476	ng	93
81) Benzo(a)anthracene	21.37	228	2911939	41.404	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	863267	33.520	ng	100
83) Chrysene	21.42	228	2879060	43.066	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1773266	37.253	ng	100
85) Di-n-octyl phthalate	22.19	149	2952076	39.063	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4077042	59.612	ng	99
88) Benzo(b)fluoranthene	22.98	252	3236198	41.482	ng	100
89) Benzo(k)fluoranthene	23.03	252	3119736	40.921	ng	99
90) Benzo(a)pyrene	23.57	252	3162803	44.696	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3437795	50.076	ng	98
92) Benzo(g,h,i)perylene	26.71	276	3324301	52.132	ng	99

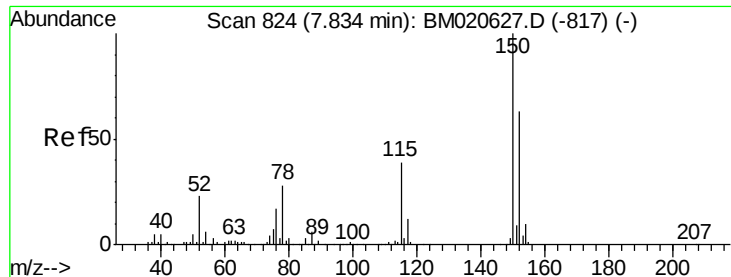
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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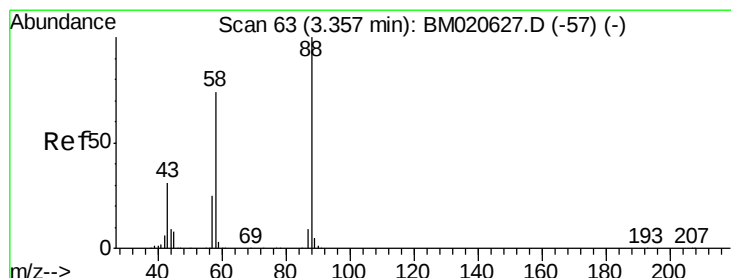
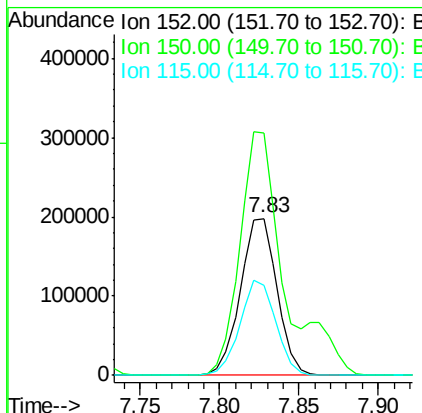
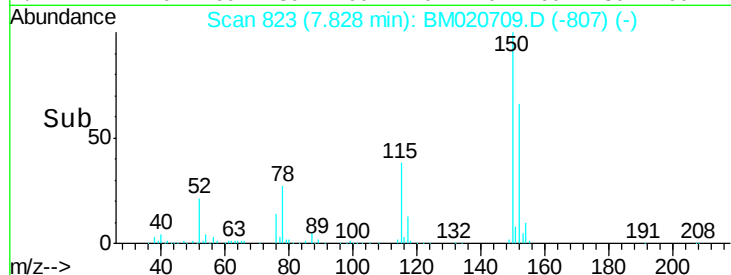
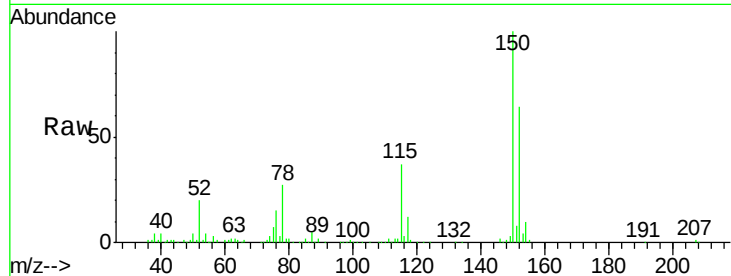


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
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ClientSampleId :
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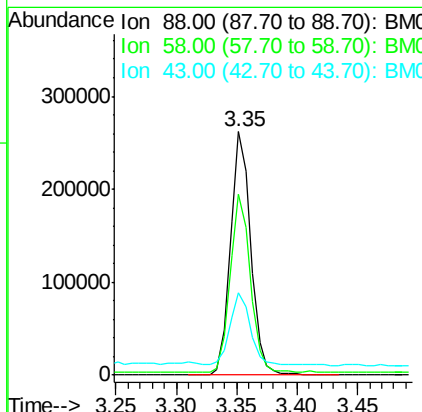
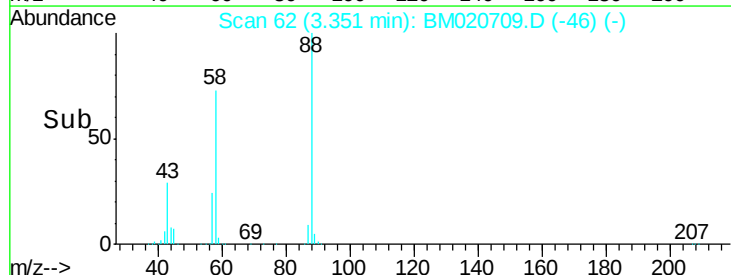
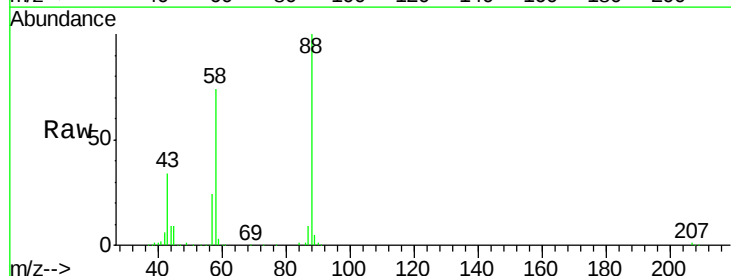
Tgt Ion:152 Resp: 316143
Ion Ratio Lower Upper
152 100
150 155.2 126.0 189.0
115 57.3 49.6 74.4

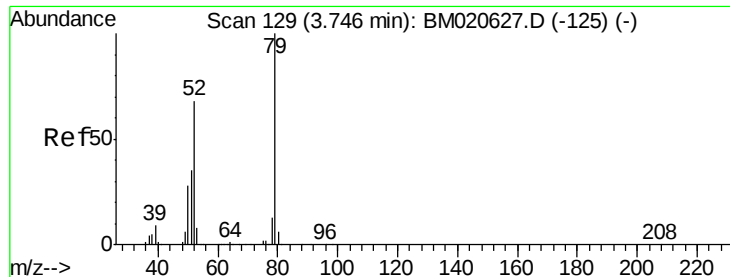


#2

1,4-Dioxane
Concen: 41.859 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion: 88 Resp: 308004
Ion Ratio Lower Upper
88 100
58 72.9 60.2 90.4
43 29.6 25.3 37.9





#3

Pyridine

Concen: 36.418 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

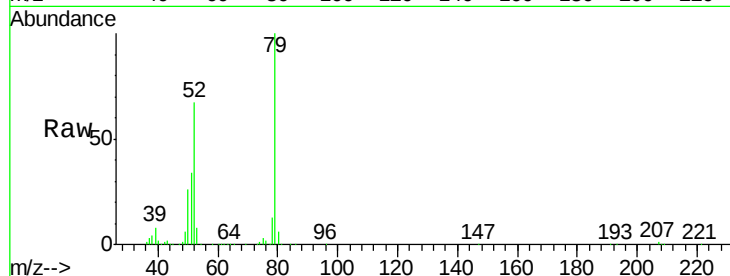
Tgt Ion: 79 Resp: 852589

Ion Ratio Lower Upper

79 100

52 67.2 54.1 81.1

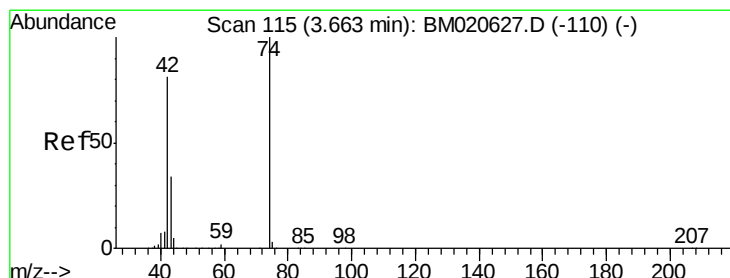
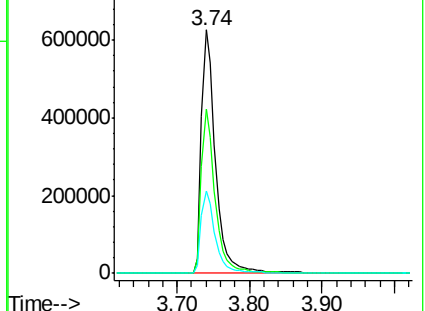
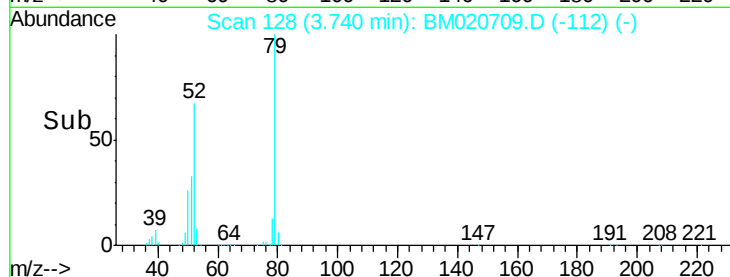
51 33.6 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020709.D (-112) (-)

Ion 52.00 (51.70 to 52.70): BM020709.D (-112) (-)

Ion 51.00 (50.70 to 51.70): BM020709.D (-112) (-)



#4

n-Nitrosodimethylamine

Concen: 38.743 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

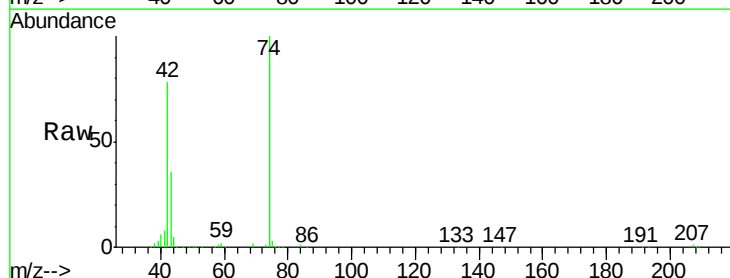
Tgt Ion: 42 Resp: 390991

Ion Ratio Lower Upper

42 100

74 128.5 99.4 149.0

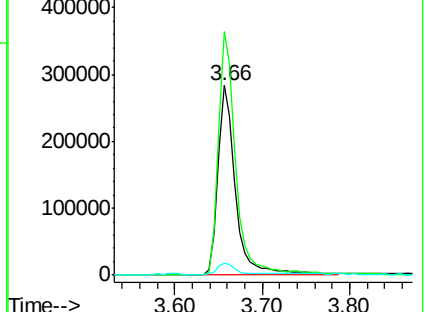
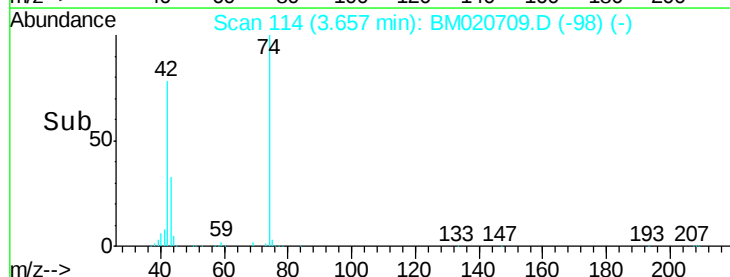
44 6.4 5.8 8.8

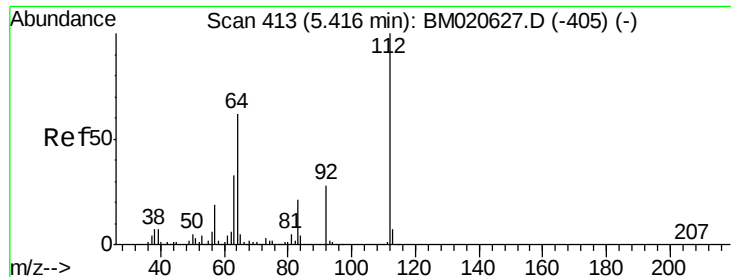


Abundance Ion 42.00 (41.70 to 42.70): BM020709.D (-98) (-)

Ion 74.00 (73.70 to 74.70): BM020709.D (-98) (-)

Ion 44.00 (43.70 to 44.70): BM020709.D (-98) (-)





#5

2-Fluorophenol

Concen: 135.519 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020709.D

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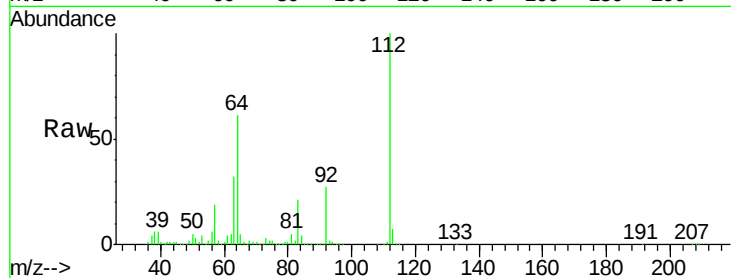
Tgt Ion: 112 Resp: 2435584

Ion Ratio Lower Upper

112 100

64 60.9 49.7 74.5

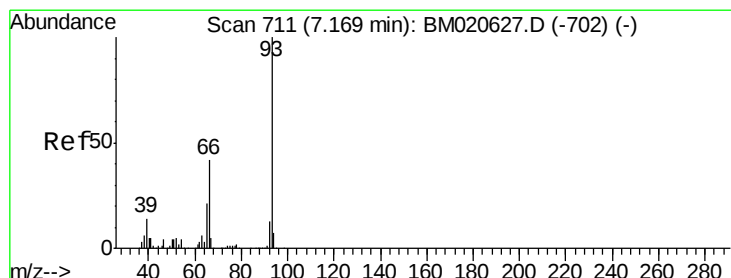
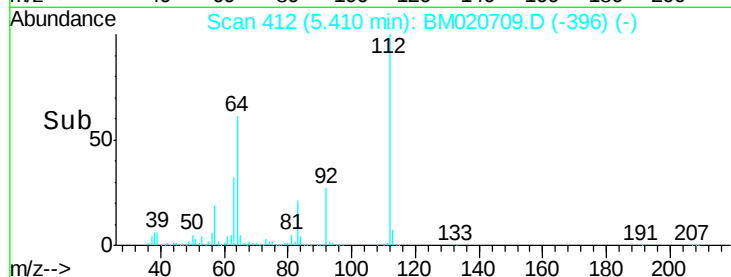
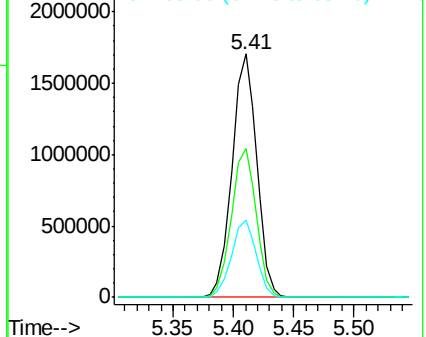
63 31.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 28.200 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

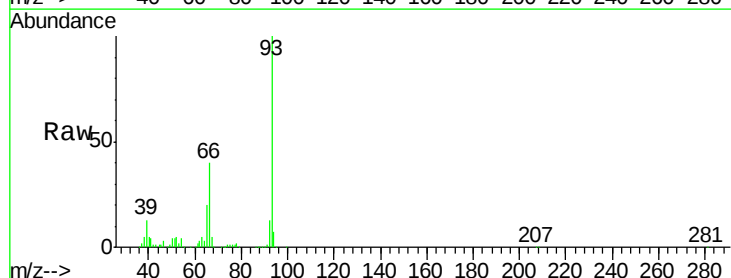
Tgt Ion: 93 Resp: 1079809

Ion Ratio Lower Upper

93 100

66 40.2 33.6 50.4

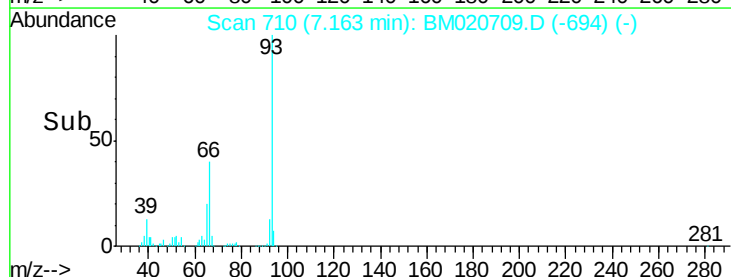
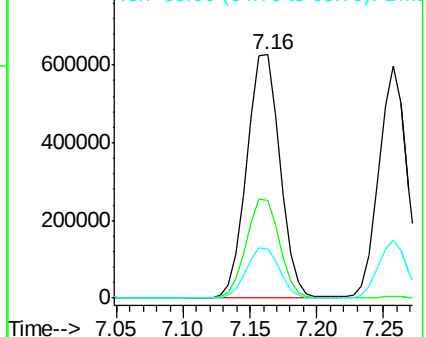
65 20.3 16.7 25.1

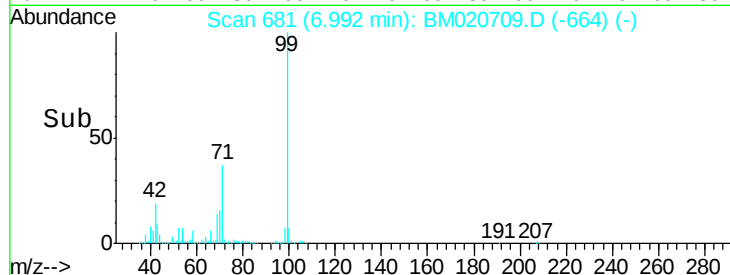
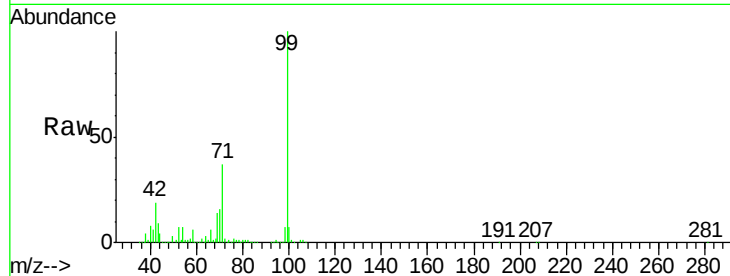
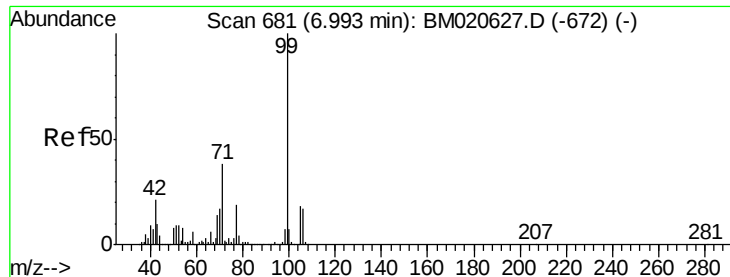


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 119.239 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

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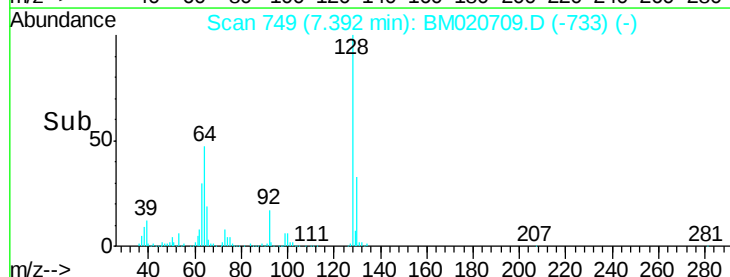
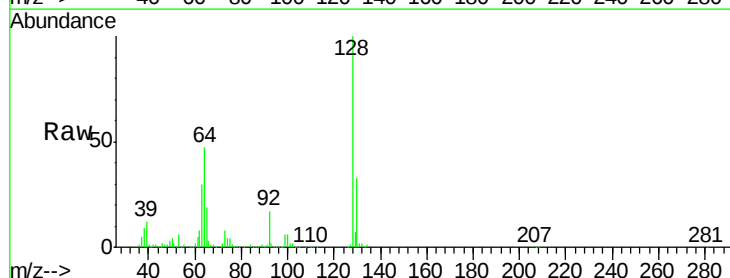
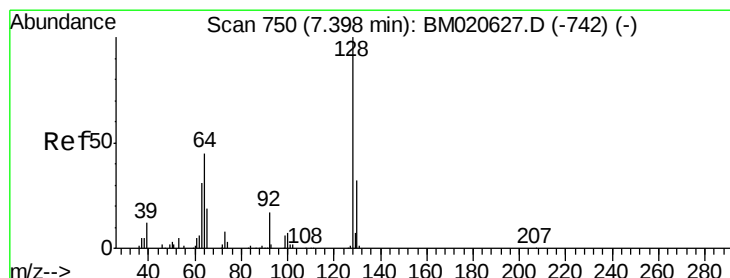
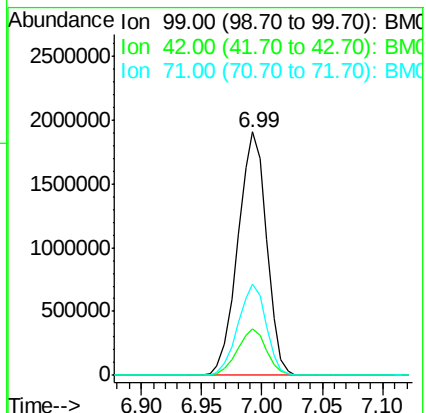
Tgt Ion: 99 Resp: 3155460

Ion Ratio Lower Upper

99 100

42 18.9 16.5 24.7

71 37.3 30.7 46.1



#8

2-Chlorophenol

Concen: 42.838 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

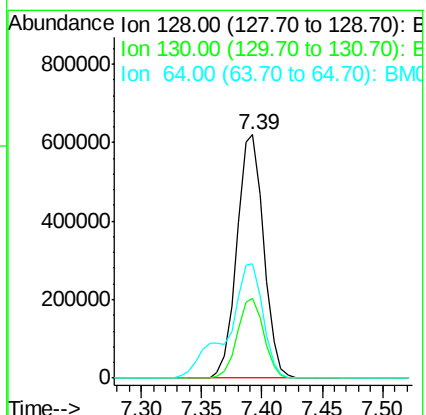
Tgt Ion: 128 Resp: 957770

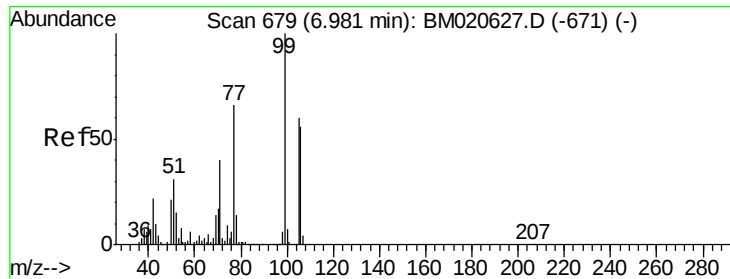
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 47.1 29.1 69.1





#9

Benzaldehyde

Concen: 15.307 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

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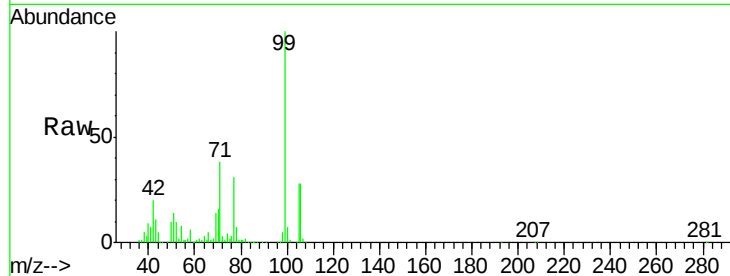
Tgt Ion: 77 Resp: 292510

Ion Ratio Lower Upper

77 100

105 91.3 70.6 110.6

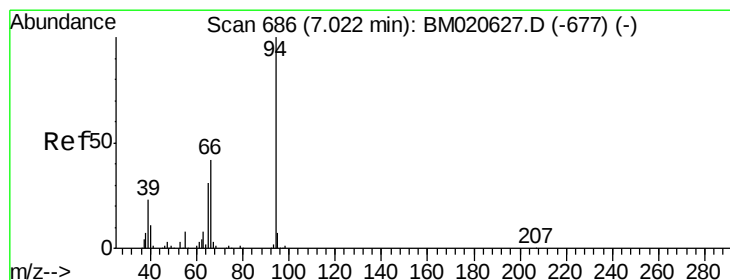
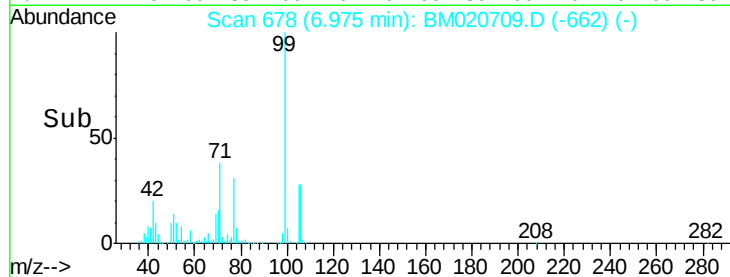
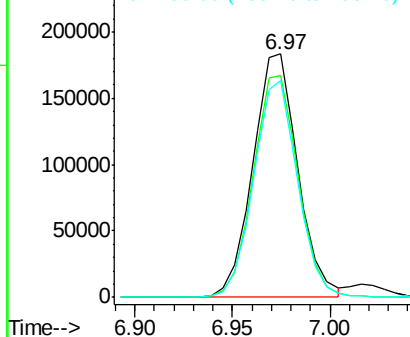
106 89.0 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020709.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020709.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020709.D (-662) (-)



#10

Phenol

Concen: 40.368 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

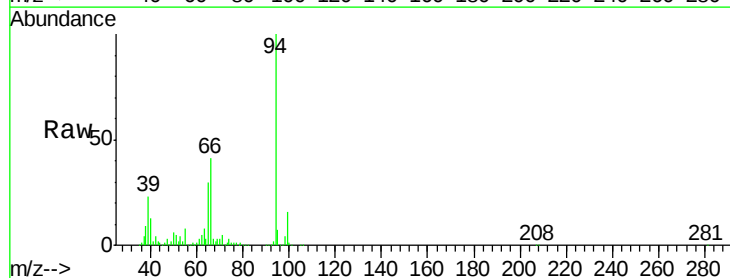
Tgt Ion: 94 Resp: 1151243

Ion Ratio Lower Upper

94 100

65 29.5 10.7 50.7

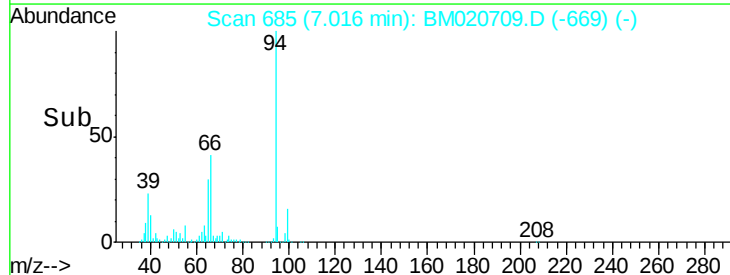
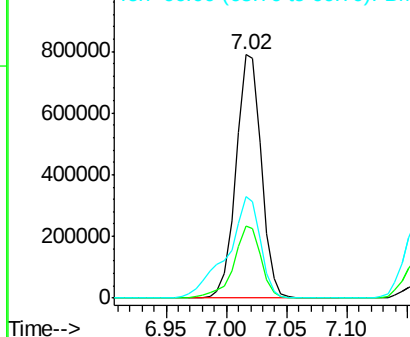
66 41.5 22.3 62.3

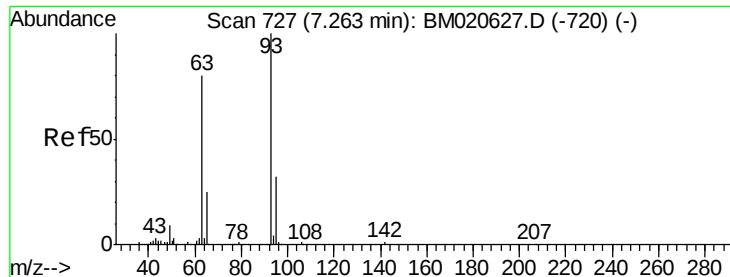


Abundance Ion 94.00 (93.70 to 94.70): BM020709.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020709.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020709.D (-669) (-)

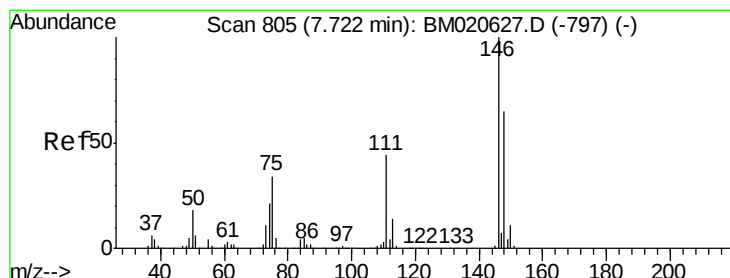
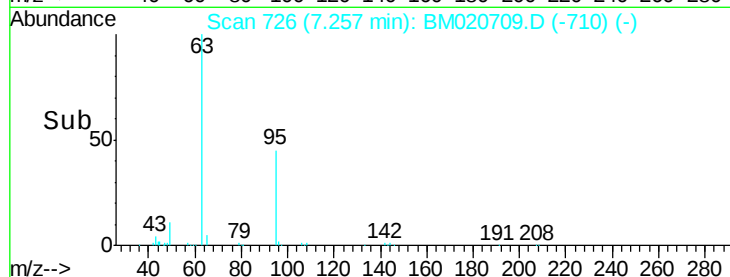
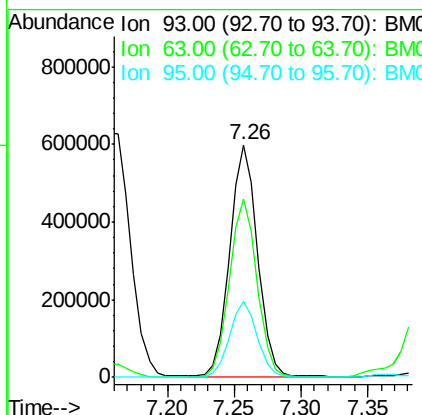
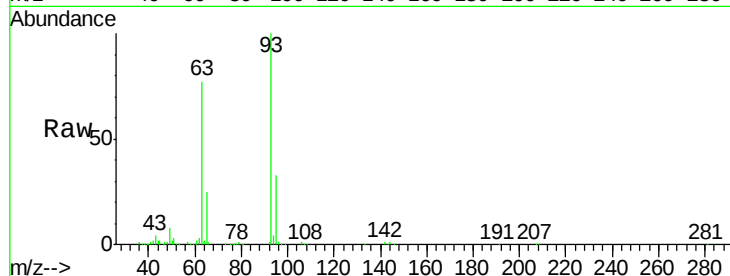




#11
bis(2-Chloroethyl)ether
Concen: 37.971 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

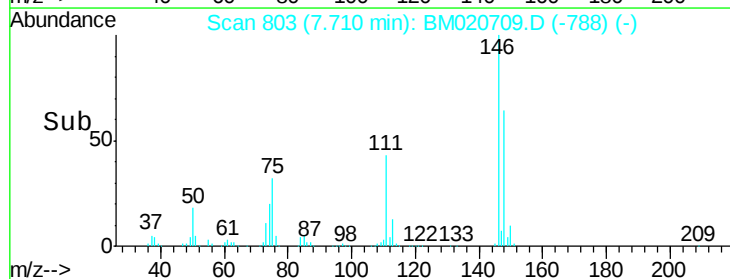
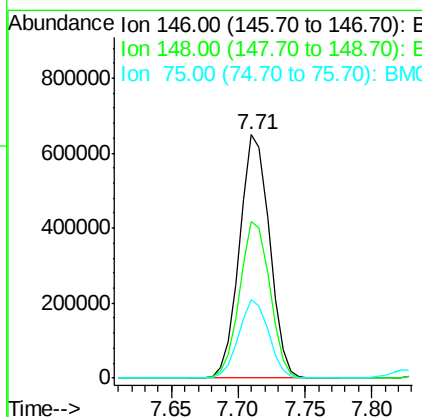
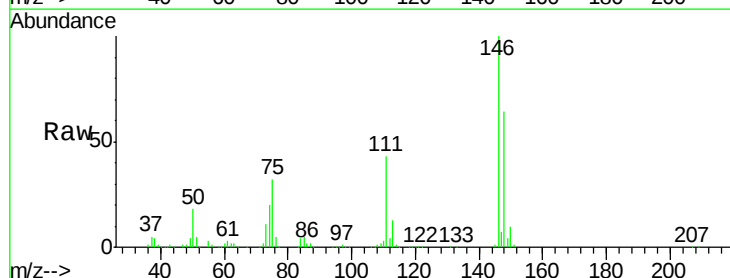
Instrument :
BNA_M
ClientSampleId :
PB120137BS

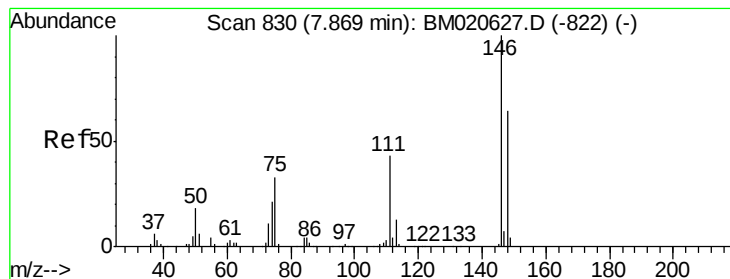
Tgt Ion: 93 Resp: 863005
Ion Ratio Lower Upper
93 100
63 76.9 60.0 100.0
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.280 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion: 146 Resp: 1009347
Ion Ratio Lower Upper
146 100
148 64.3 52.0 78.0
75 32.5 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 39.384 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

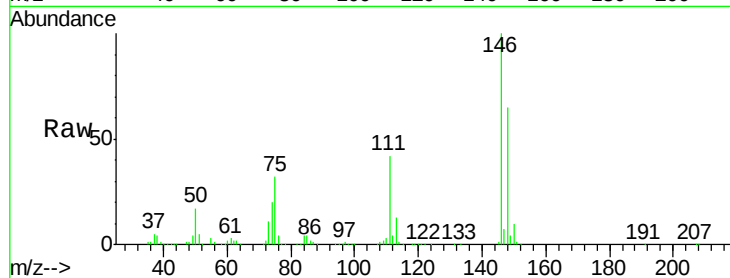
Tgt Ion:146 Resp: 1028824

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

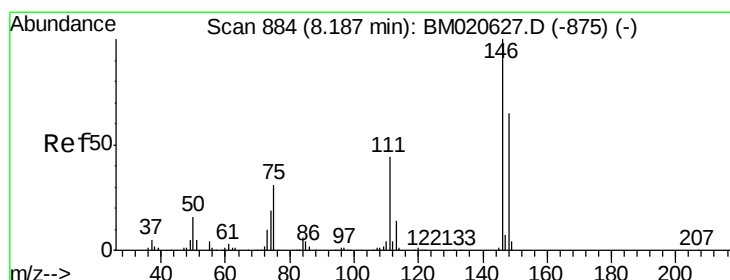
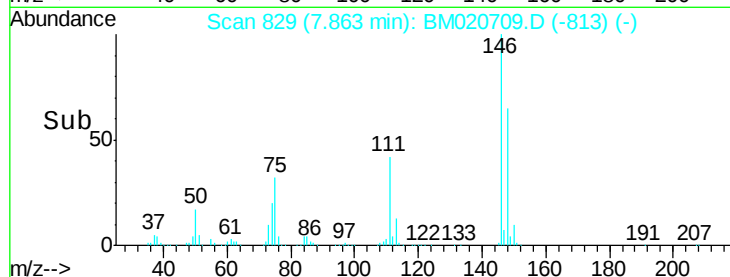
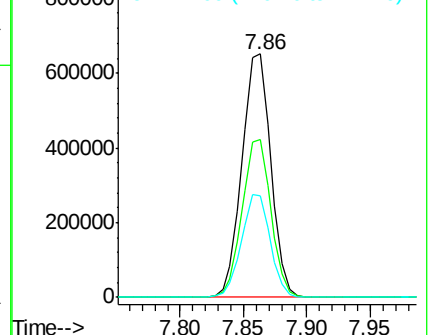
111 41.8 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.972 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

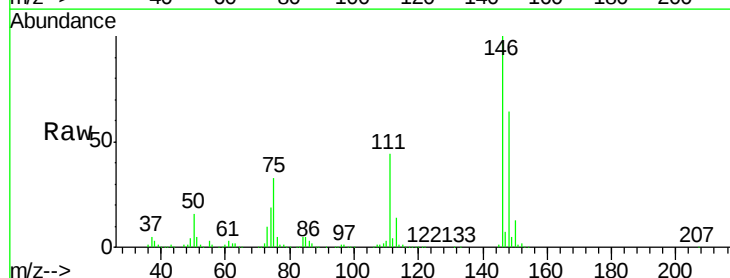
Tgt Ion:146 Resp: 990724

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

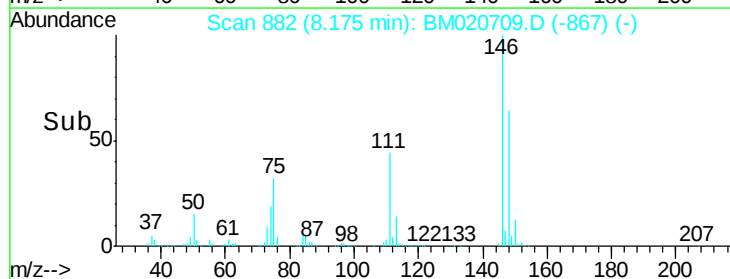
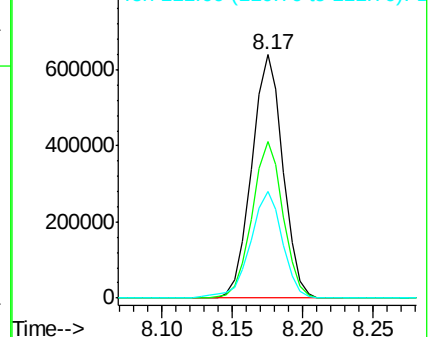
111 44.0 35.1 52.7

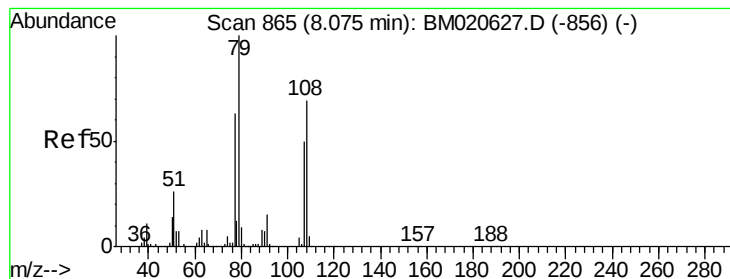


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.654 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

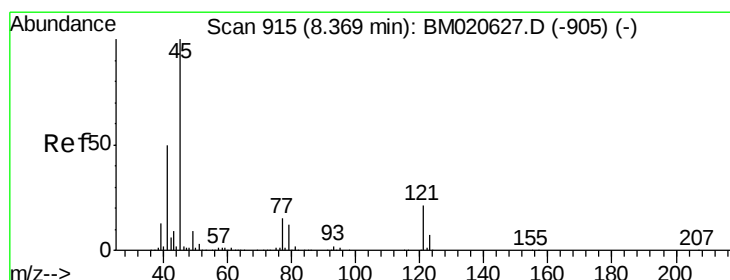
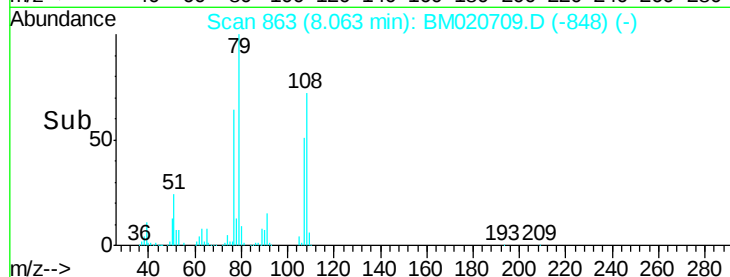
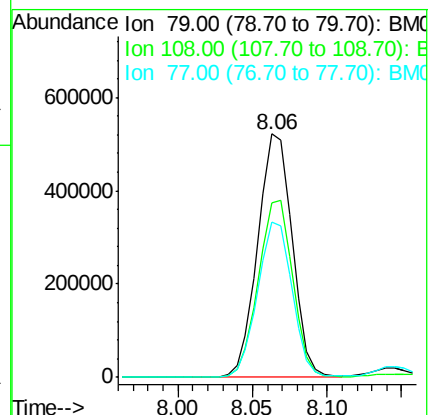
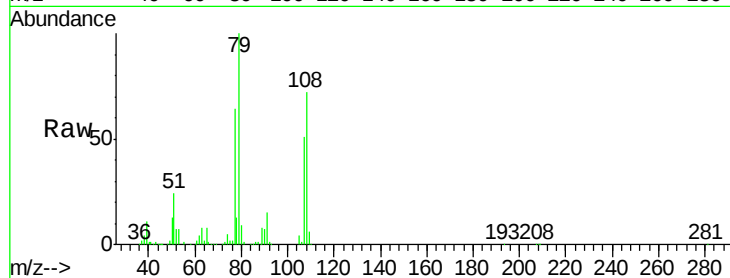
Tgt Ion: 79 Resp: 834706

Ion Ratio Lower Upper

79 100

108 71.7 54.9 82.3

77 63.7 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.129 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

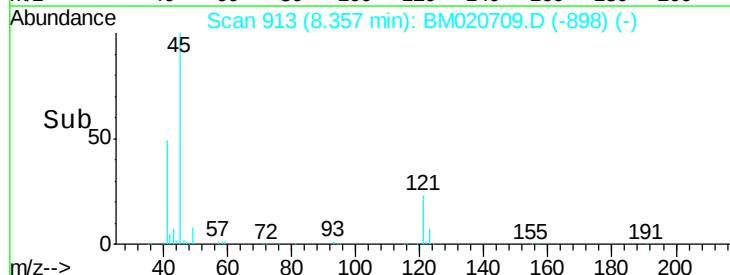
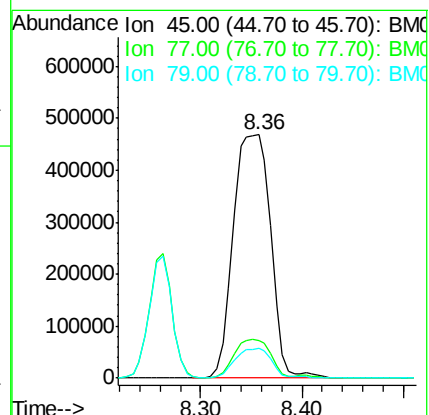
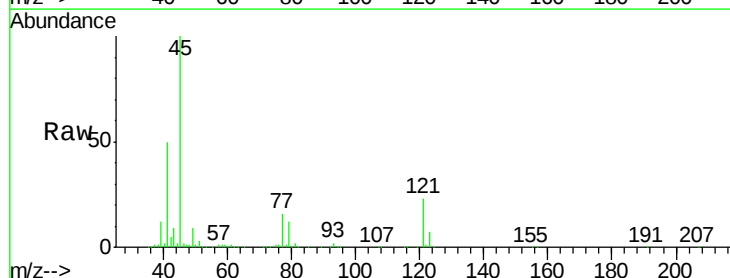
Tgt Ion: 45 Resp: 1197554

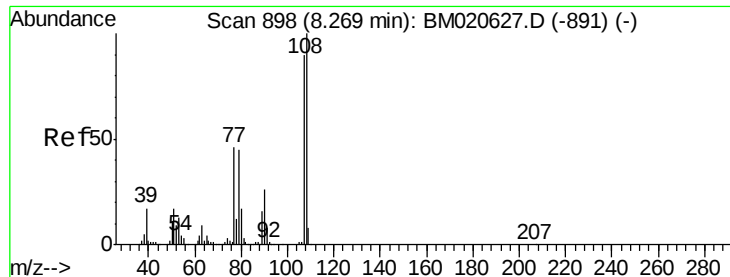
Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.9

79 12.0 0.0 31.8

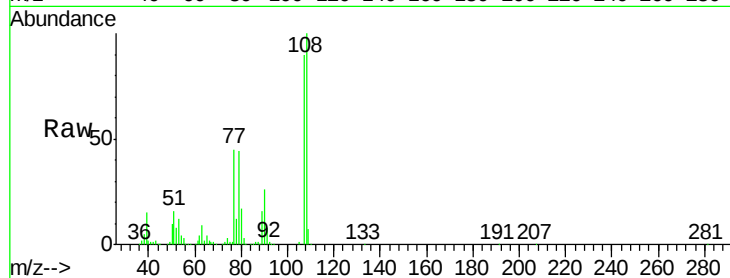




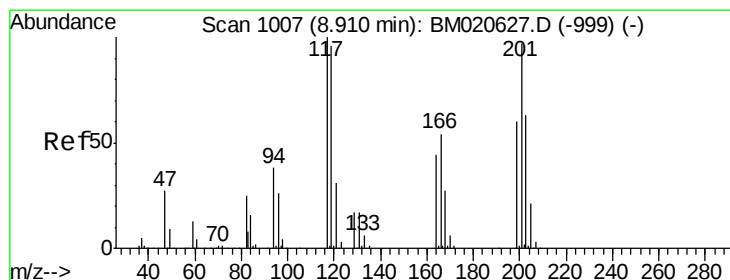
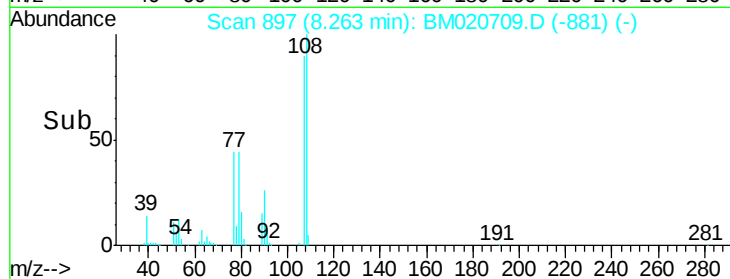
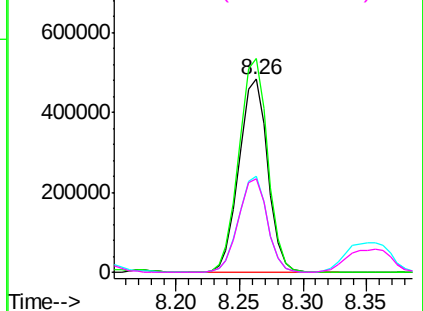
#17
2-Methylphenol
Concen: 37.857 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion:	107	Resp:	759175
Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.6	133.0
77	49.5	40.6	61.0
79	48.3	39.9	59.9

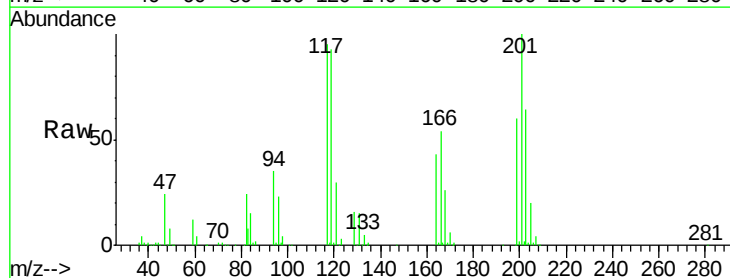


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

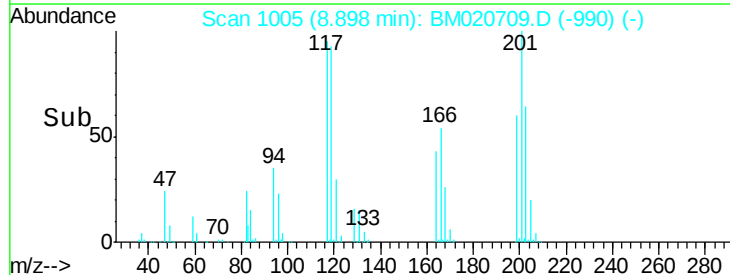
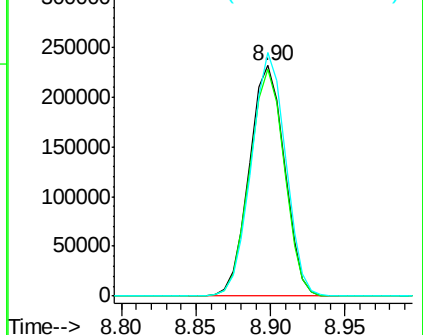


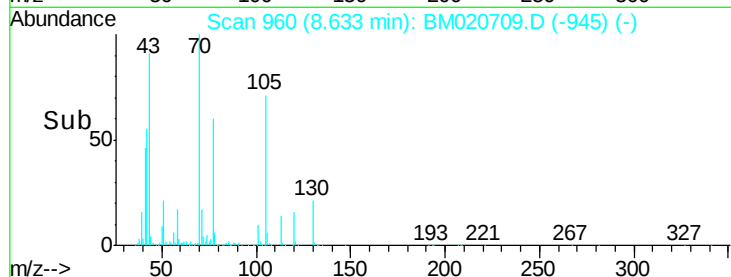
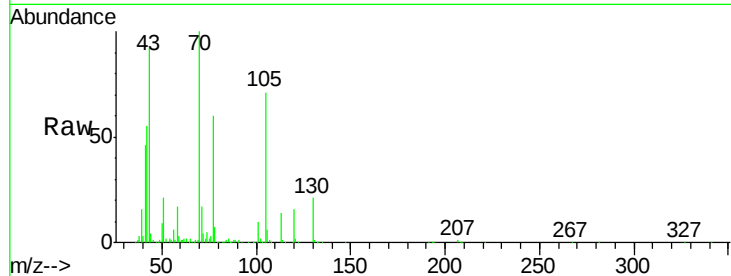
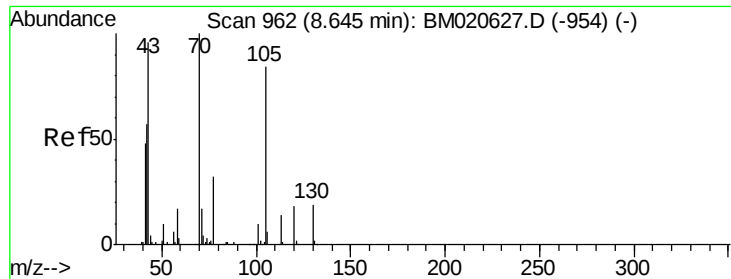
#18
Hexachloroethane
Concen: 37.786 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:	117	Resp:	377916
Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.7	115.1
201	105.6	77.9	116.9



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

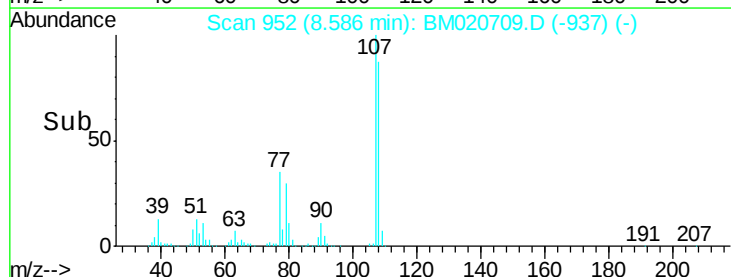
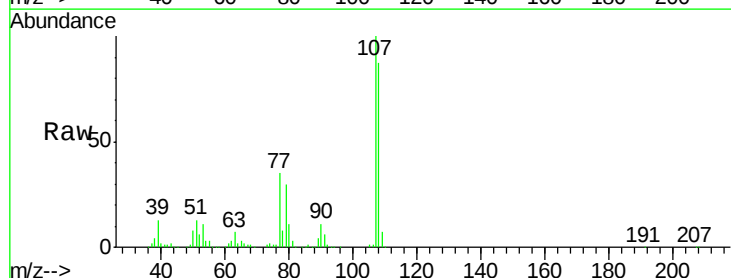
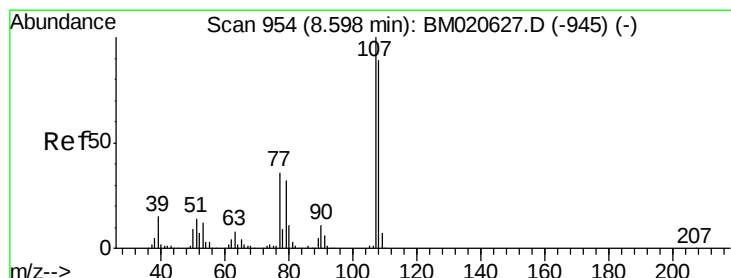
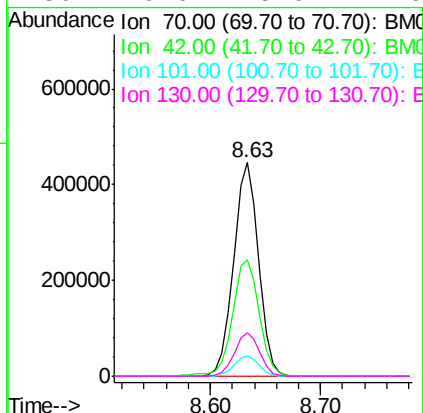




#19
n-Nitroso-di-n-propylamine
Concen: 33.162 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

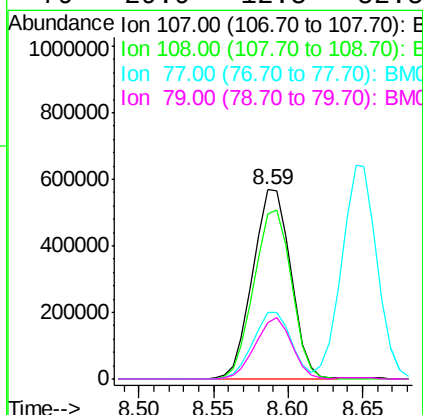
Instrument :
BNA_M
ClientSampleId :
PB120137BS

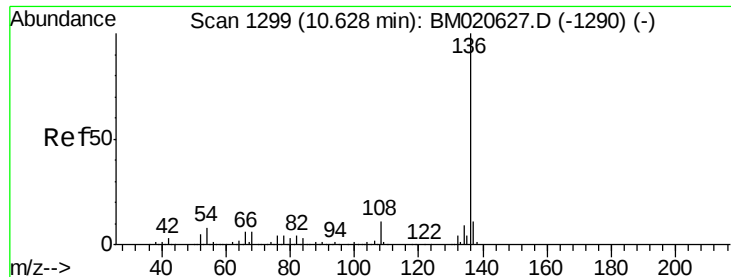
Tgt Ion:	70	Resp:	705441
Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.8	70.2
101	9.8	7.8	11.6
130	20.6	15.0	22.6



#20
3+4-Methylphenols
Concen: 36.872 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:	107	Resp:	1006024
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.2	109.2
77	35.0	16.2	56.2
79	29.9	12.5	52.5

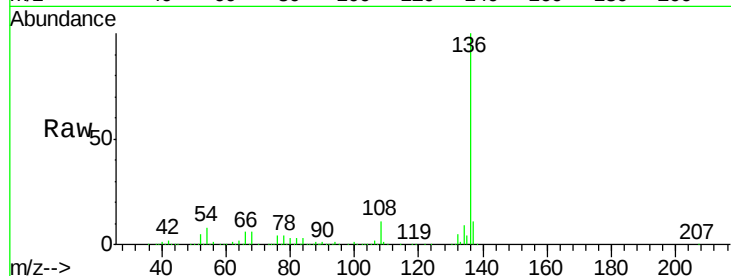




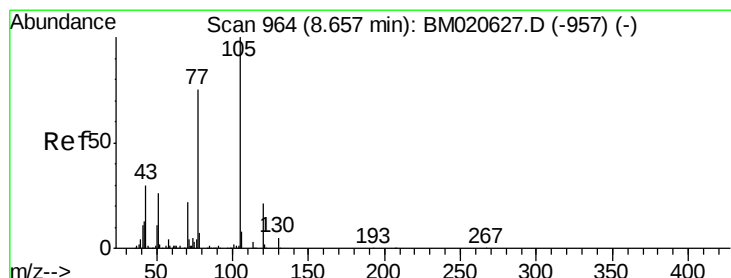
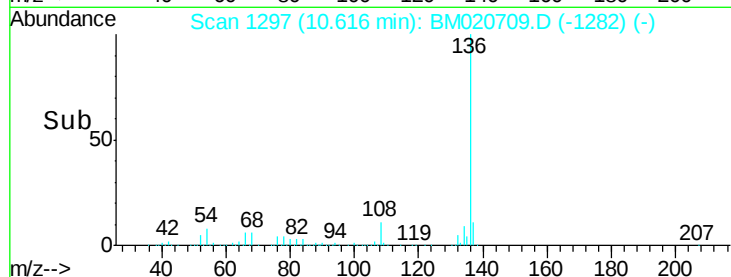
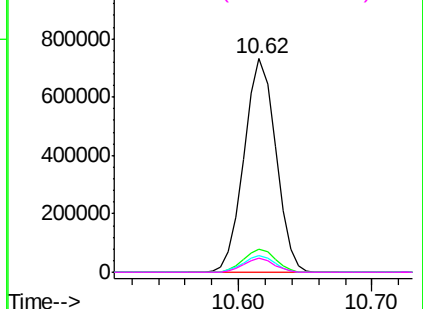
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion:	136	Resp:	1199603
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.6	10.0
68	6.4	5.1	7.7

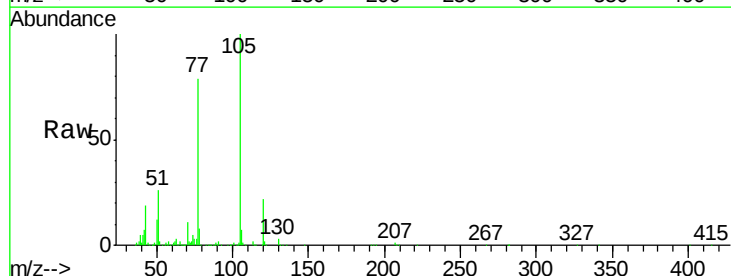


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

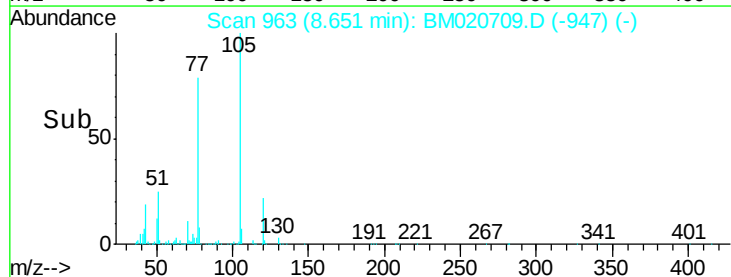
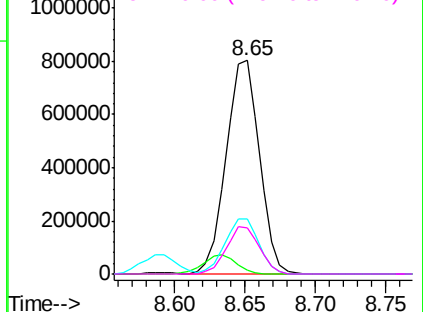


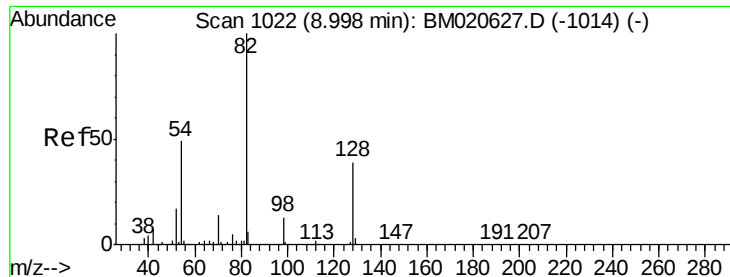
#22
Acetophenone
Concen: 43.230 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:	105	Resp:	1317410
Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.2	4.8#
51	25.5	22.8	34.2
120	21.6	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.101 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

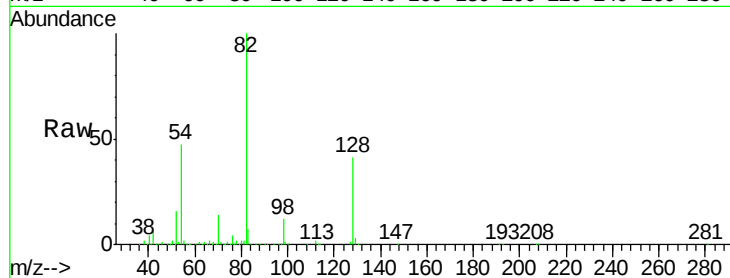
Tgt Ion: 82 Resp: 1924039

Ion Ratio Lower Upper

82 100

128 40.6 31.5 47.3

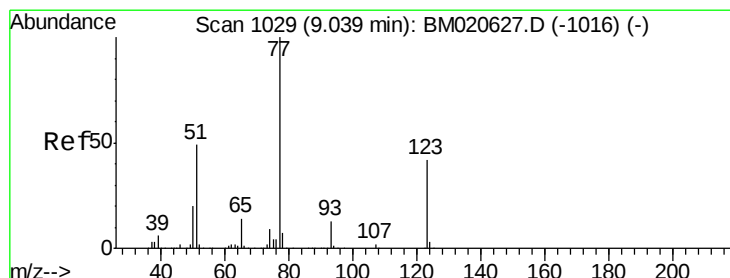
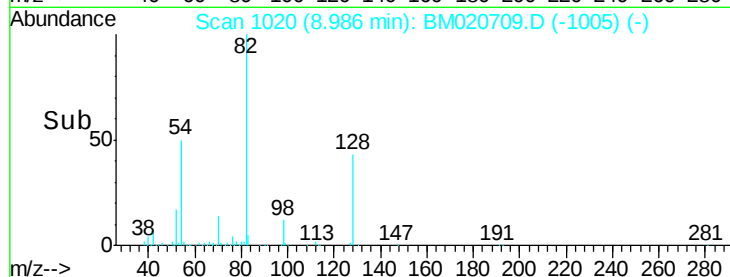
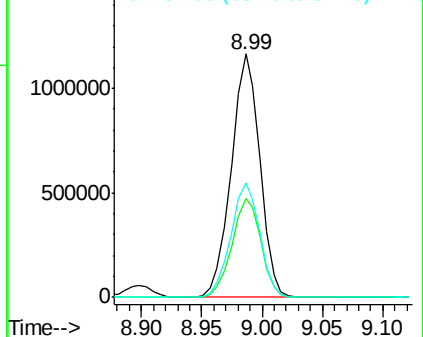
54 47.0 39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BM020709.D (-1005) (-)

Ion 128.00 (127.70 to 128.70): BM020709.D (-1005) (-)

Ion 54.00 (53.70 to 54.70): BM020709.D (-1005) (-)



#24

Nitrobenzene

Concen: 43.761 ng

RT: 9.03 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

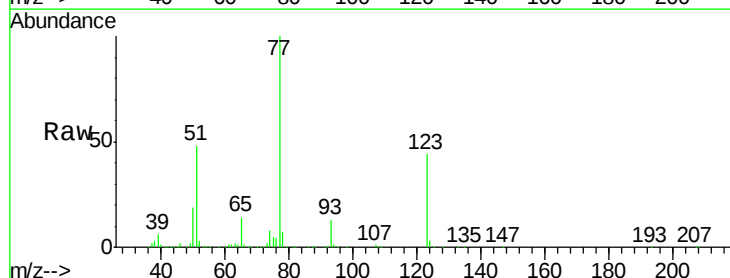
Tgt Ion: 77 Resp: 1034360

Ion Ratio Lower Upper

77 100

123 43.6 33.7 50.5

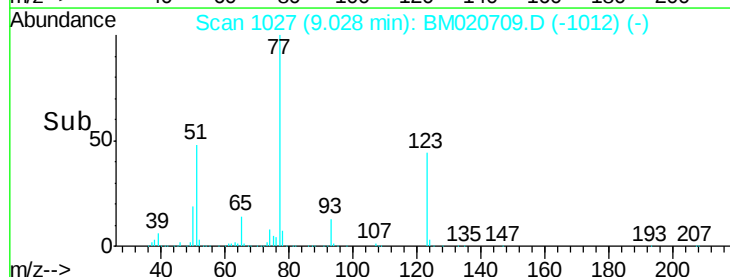
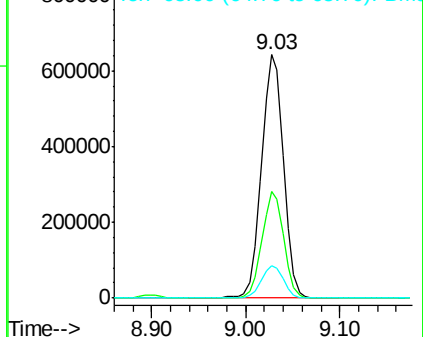
65 13.6 11.0 16.6

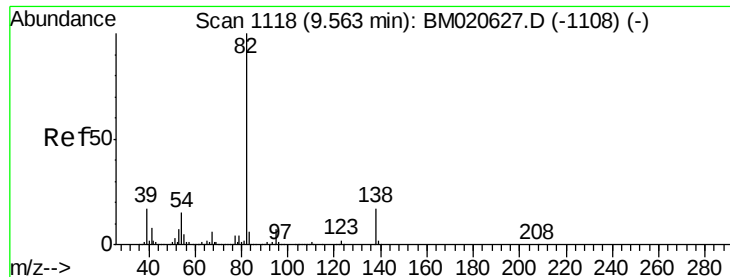


Abundance Ion 77.00 (76.70 to 77.70): BM020709.D (-1012) (-)

Ion 123.00 (122.70 to 123.70): BM020709.D (-1012) (-)

Ion 65.00 (64.70 to 65.70): BM020709.D (-1012) (-)

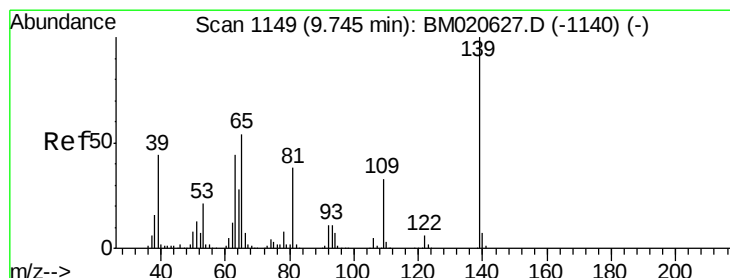
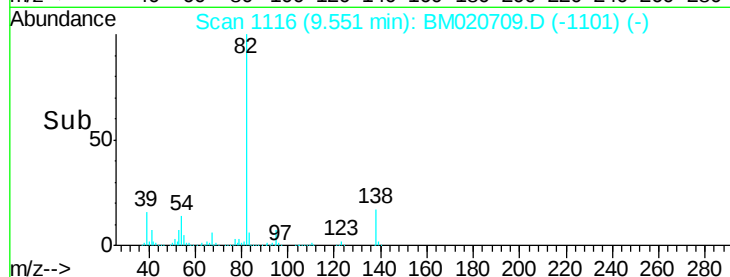
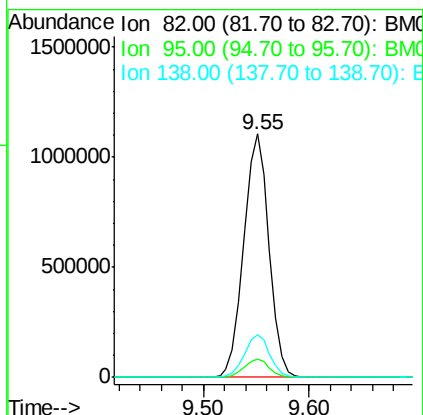
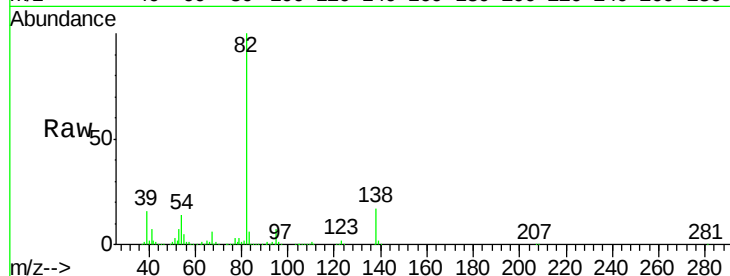




#25
Isophorone
Concen: 39.706 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

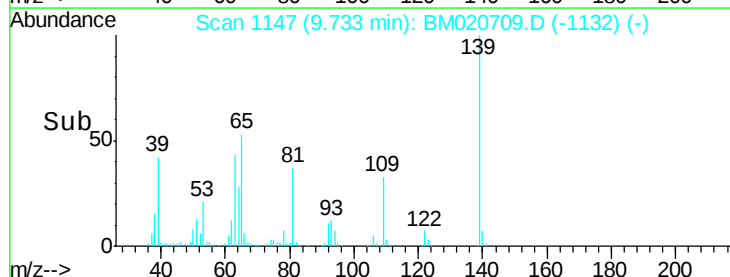
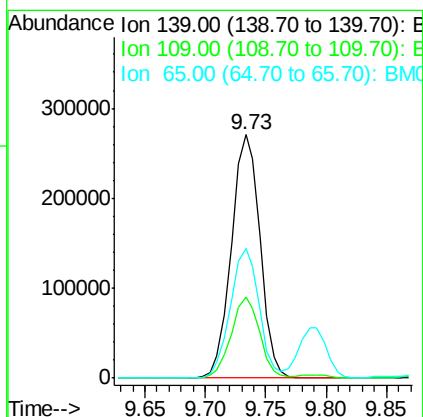
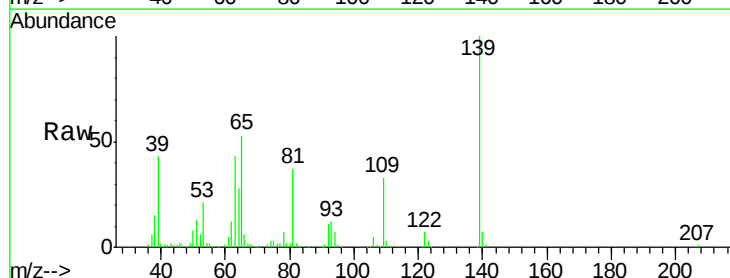
Instrument :
BNA_M
ClientSampleId :
PB120137BS

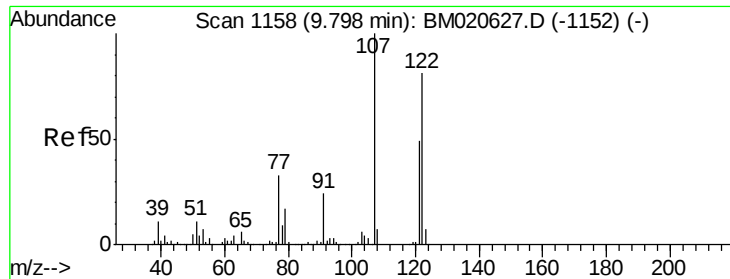
Tgt Ion: 82 Resp: 1828689
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.4 13.8 20.8



#26
2-Nitrophenol
Concen: 50.890 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion: 139 Resp: 448297
Ion Ratio Lower Upper
139 100
109 33.1 26.1 39.1
65 53.0 43.4 65.0

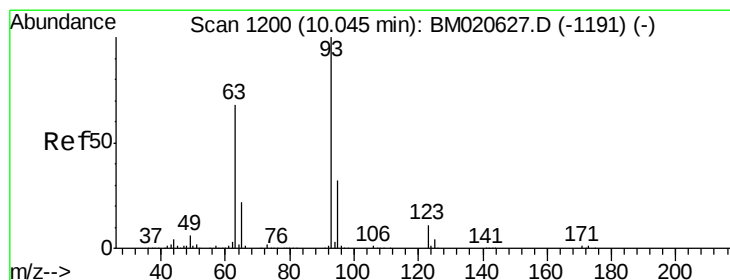
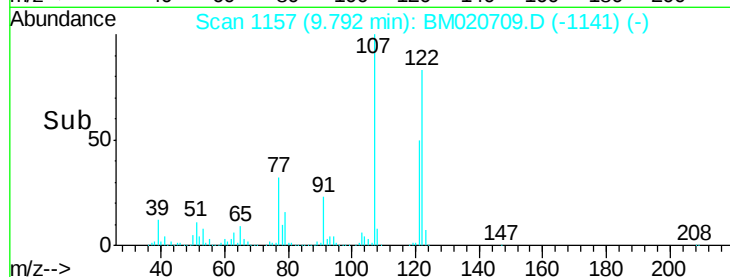
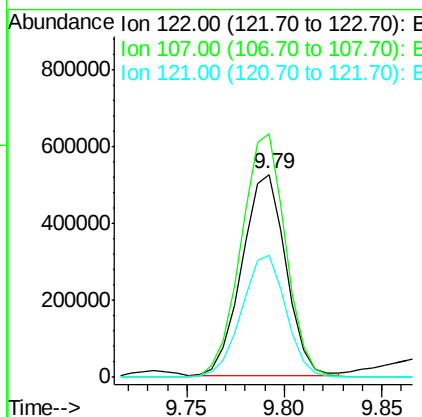
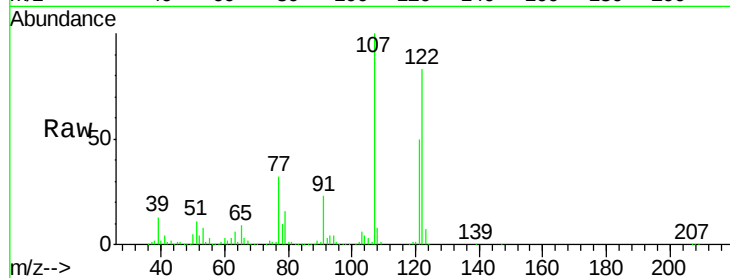




#27
 2,4-Dimethylphenol
 Concen: 49.179 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

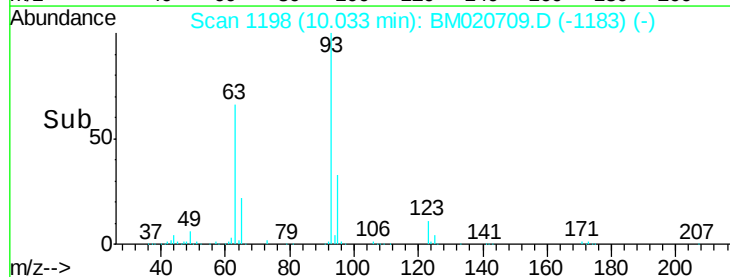
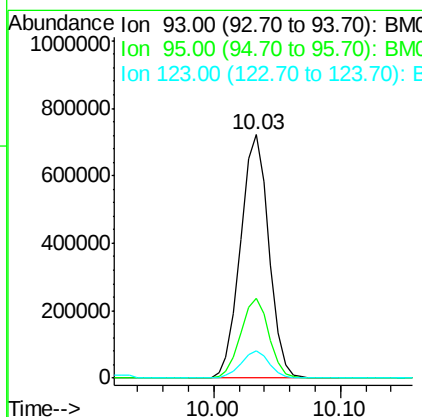
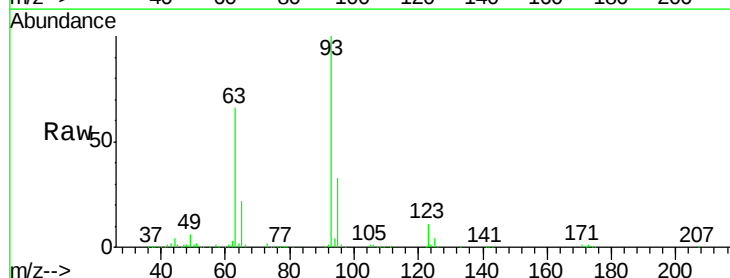
Instrument :
 BNA_M
 ClientSampled :
 PB120137BS

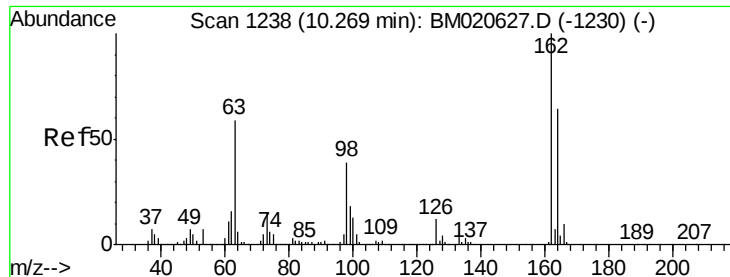
Tgt Ion: 122 Resp: 811795
 Ion Ratio Lower Upper
 122 100
 107 119.9 98.0 147.0
 121 60.1 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.133 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion: 93 Resp: 1117571
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.6
 123 11.1 9.0 13.6

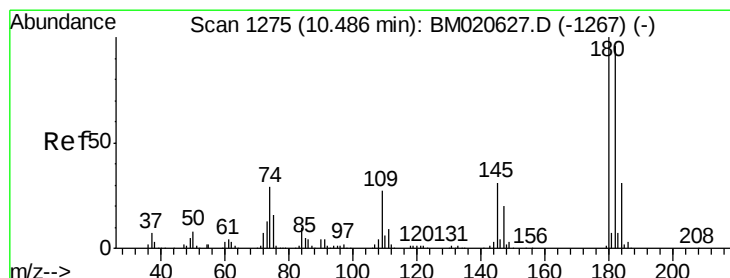
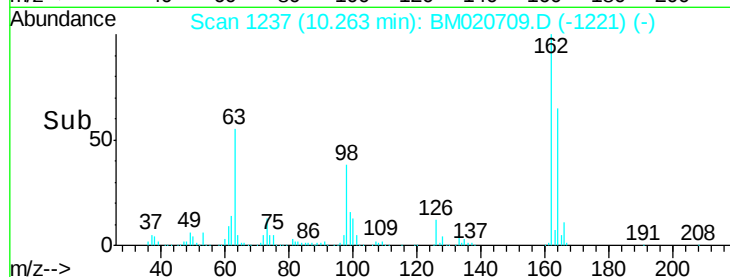
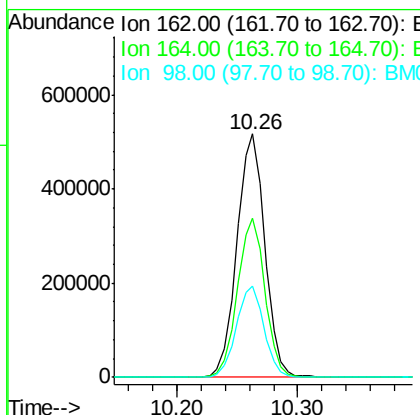
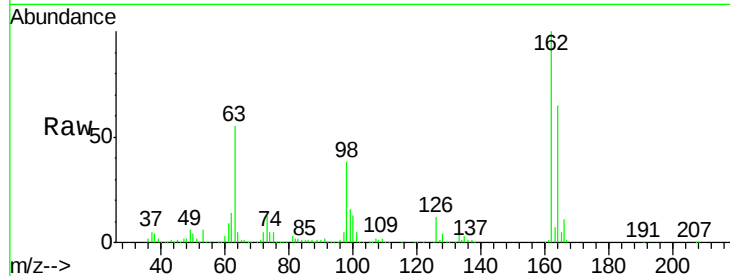




#29
 2,4-Dichlorophenol
 Concen: 45.646 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

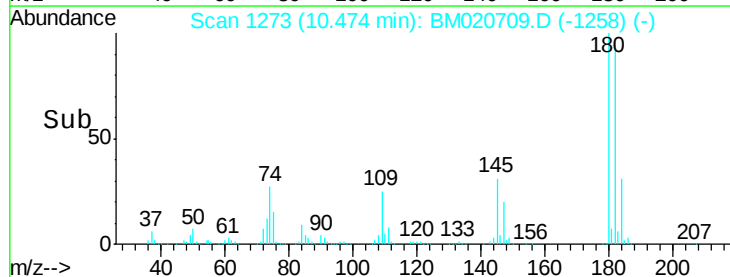
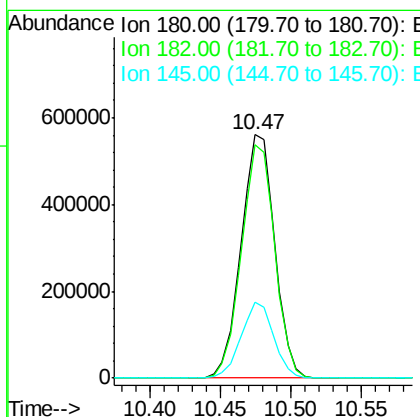
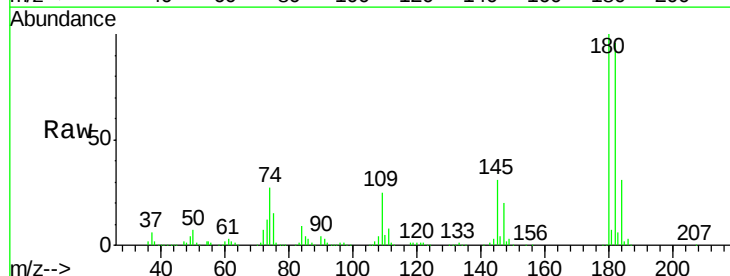
Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

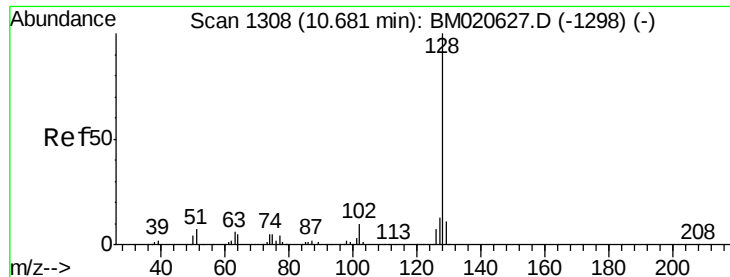
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.8	83.8
98	37.7	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.506 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.6
145	31.2	25.0	37.4

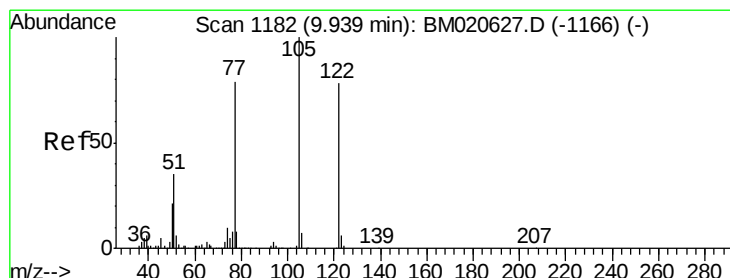
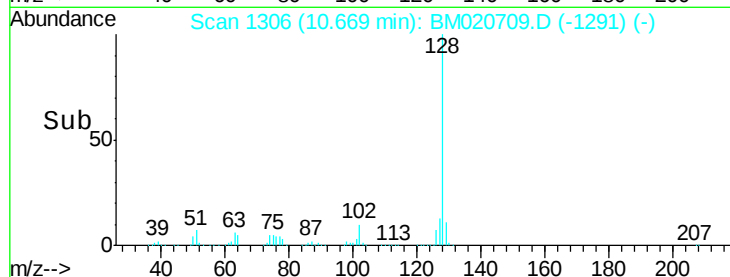
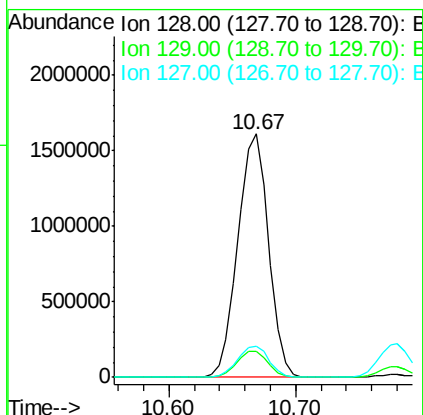
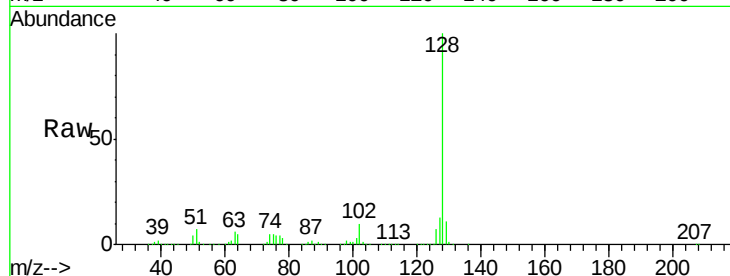




#31
Naphthalene
Concen: 43.841 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

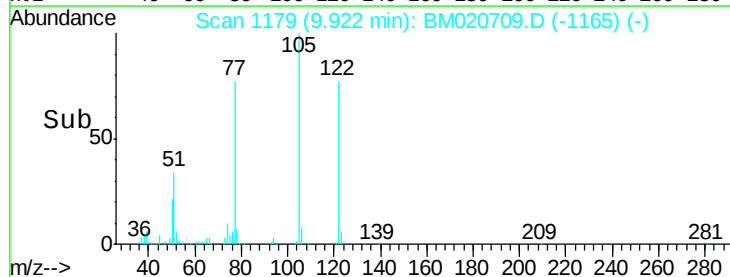
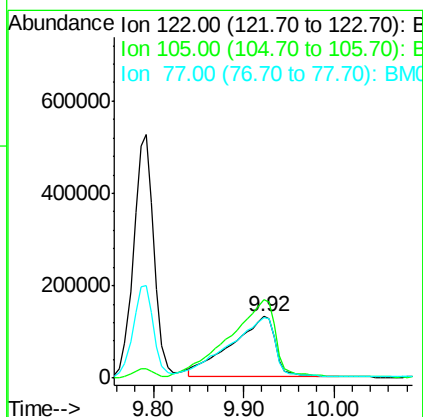
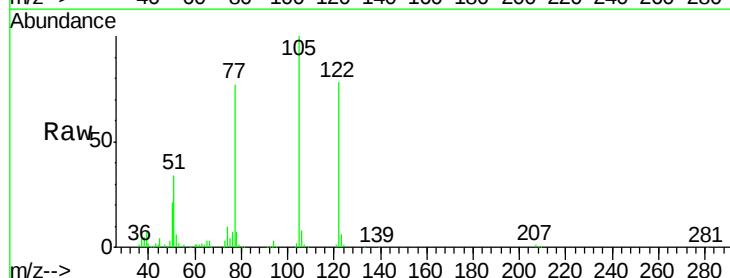
Instrument :
BNA_M
ClientSampleId :
PB120137BS

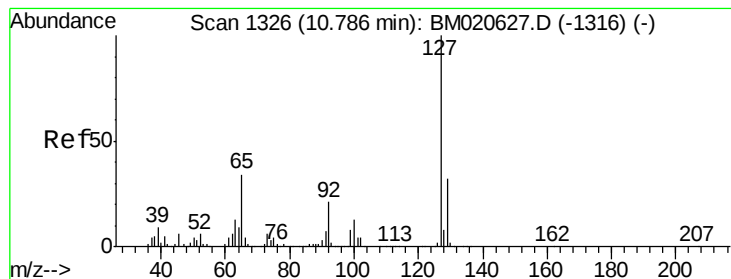
Tgt Ion:128 Resp: 2704478
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 43.303 ng
RT: 9.92 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:122 Resp: 444071
Ion Ratio Lower Upper
122 100
105 127.8 107.0 147.0
77 98.7 80.9 120.9

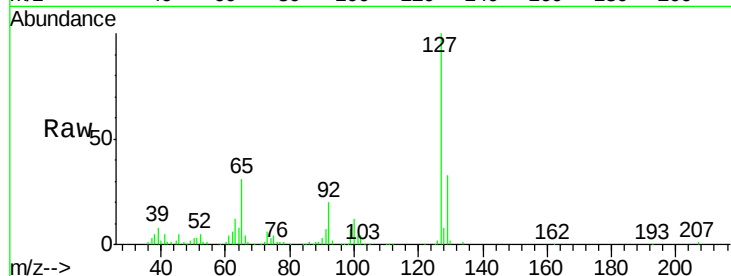




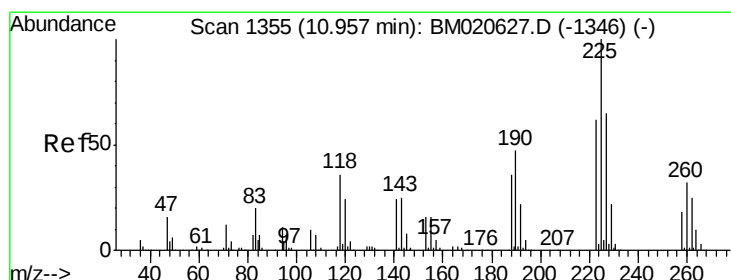
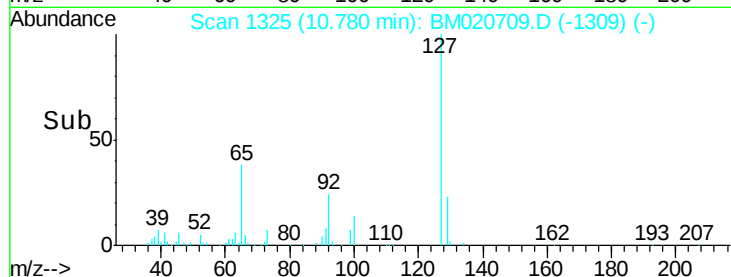
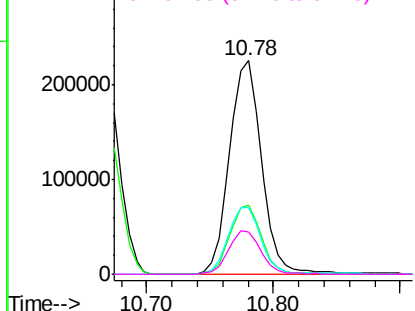
#33
4-Chloroaniline
Concen: 13.790 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion:	127	Resp:	395903
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	31.4	27.4	41.0
92	20.0	17.0	25.6

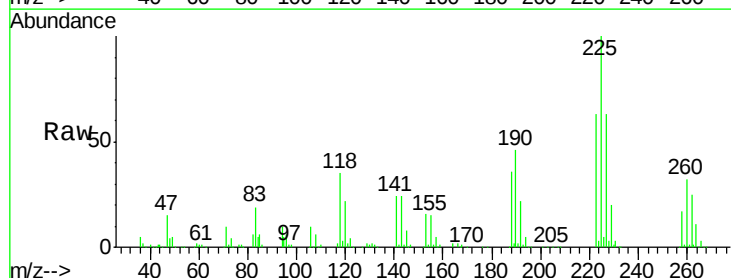


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

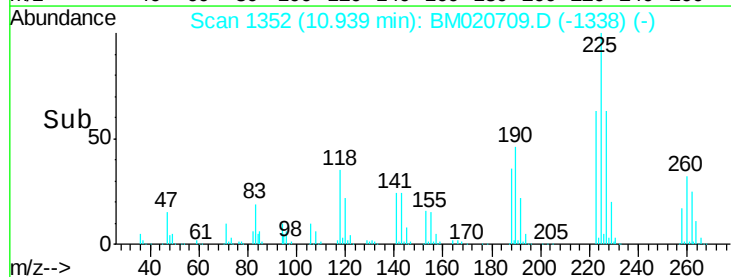
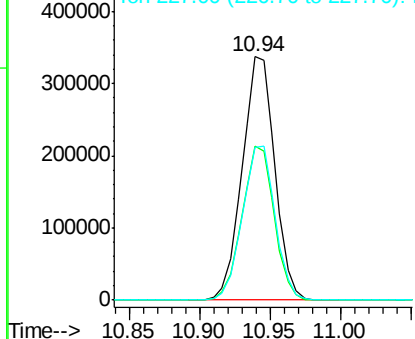


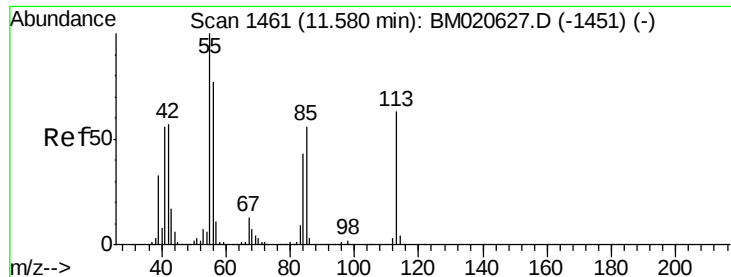
#34
Hexachlorobutadiene
Concen: 43.158 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:	225	Resp:	543790
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	63.0	51.8	77.8



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: 34.077 ng

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

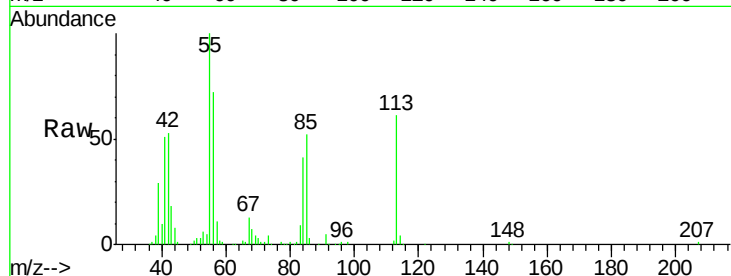
Tgt Ion:113 Resp: 216201

Ion Ratio Lower Upper

113 100

55 163.7 138.6 178.6

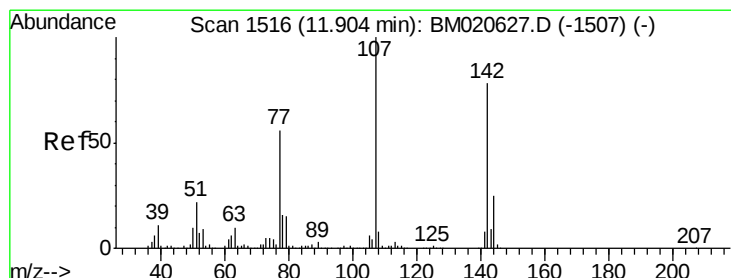
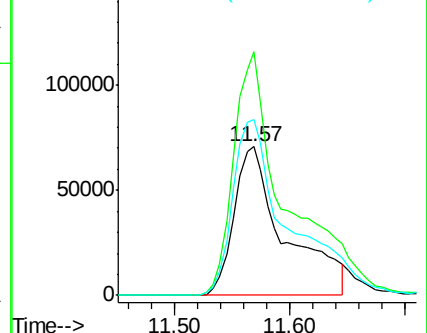
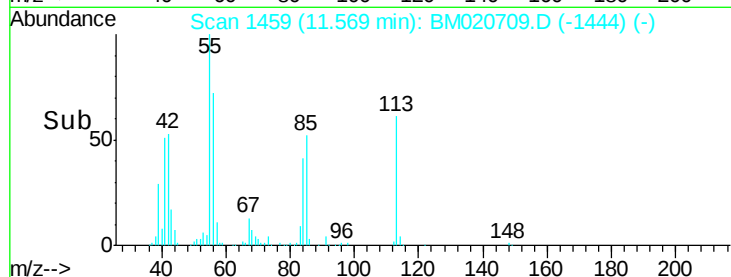
56 117.8 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.964 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

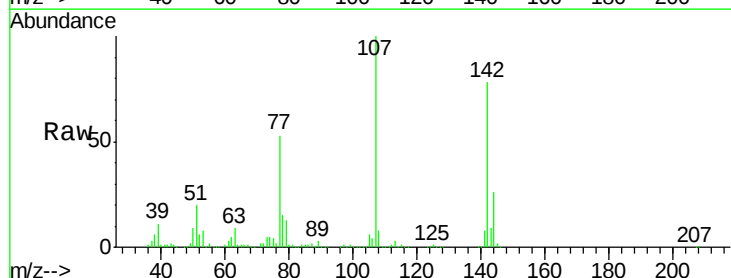
Tgt Ion:107 Resp: 848568

Ion Ratio Lower Upper

107 100

144 26.0 20.3 30.5

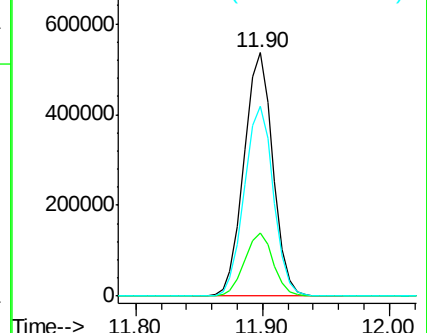
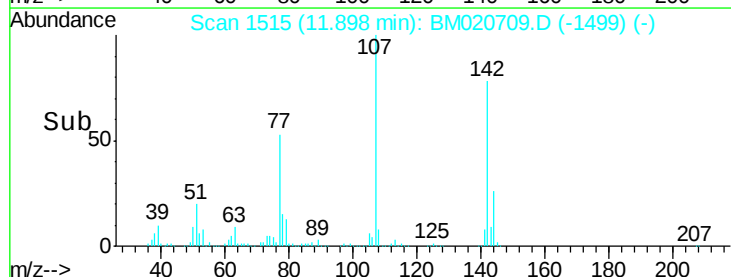
142 77.8 62.6 93.8

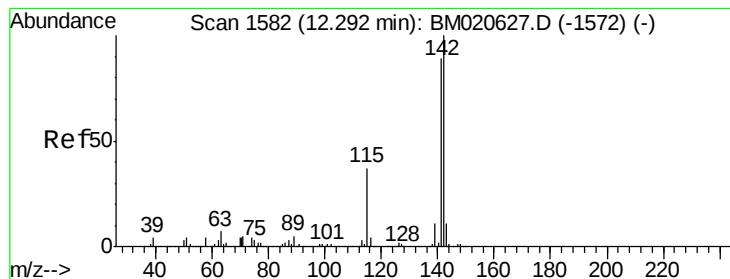


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.168 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

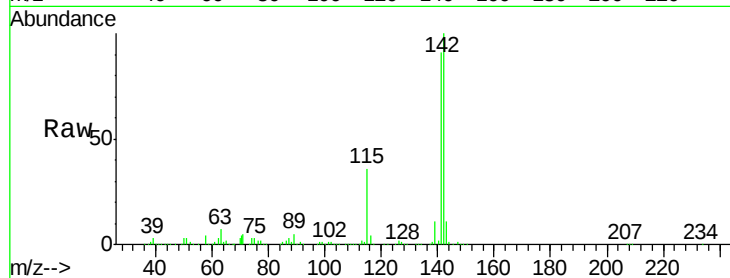
Tgt Ion:142 Resp: 1928089

Ion Ratio Lower Upper

142 100

141 90.7 71.6 107.4

115 35.8 29.6 44.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.28

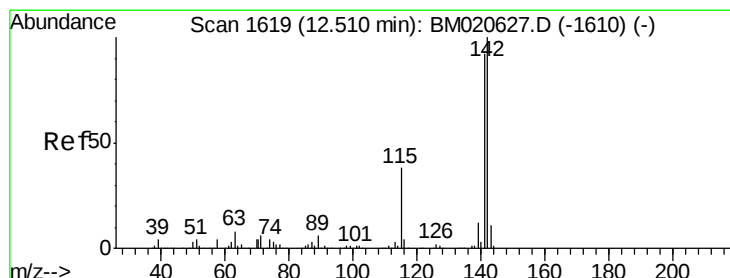
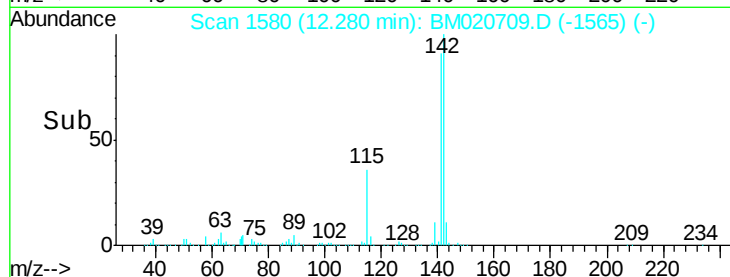
1500000

1000000

500000

0

Time-->



#38

1-Methylnaphthalene

Concen: 42.201 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

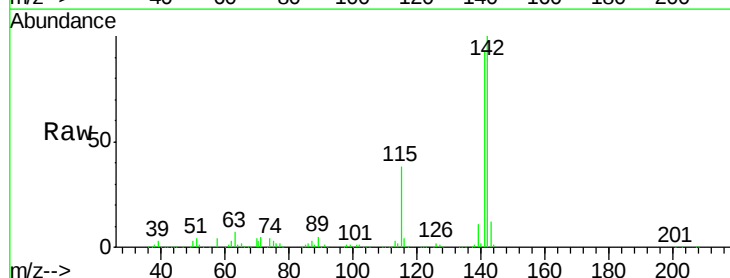
Tgt Ion:142 Resp: 1837344

Ion Ratio Lower Upper

142 100

141 92.7 73.9 110.9

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.50

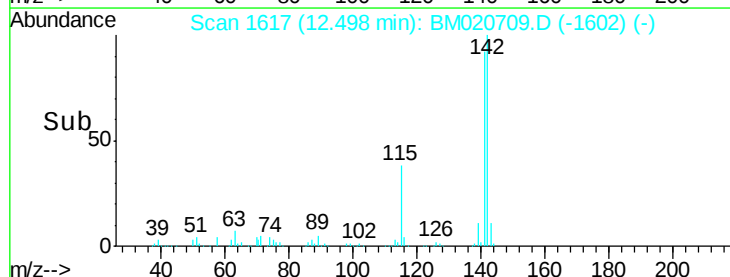
1500000

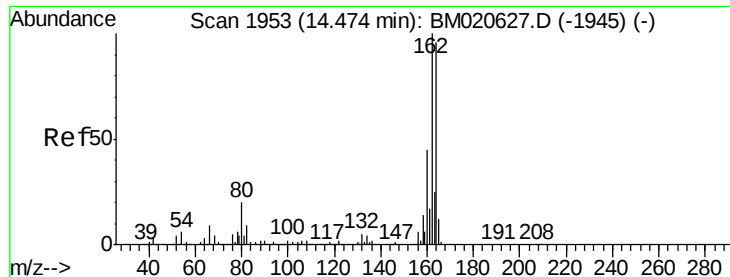
1000000

500000

0

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

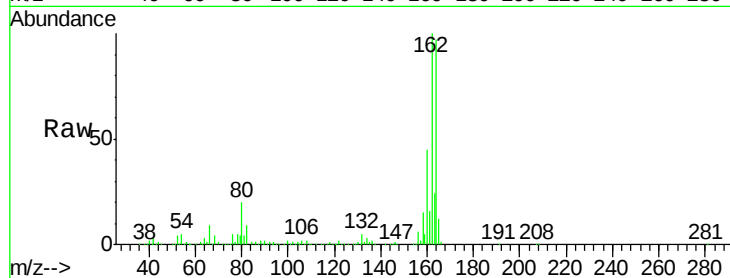
Tgt Ion:164 Resp: 615611

Ion Ratio Lower Upper

164 100

162 103.6 83.2 124.8

160 46.4 37.5 56.3

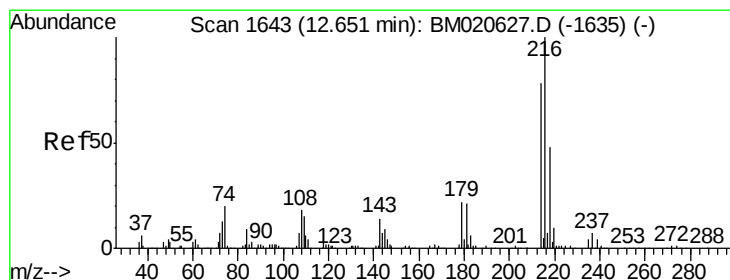
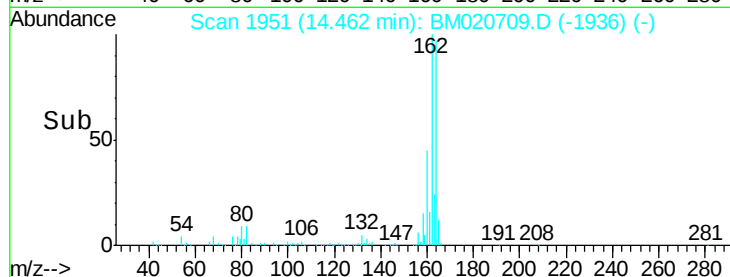
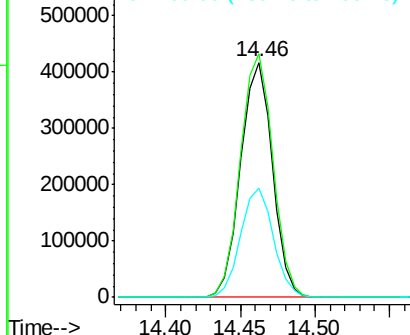


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.773 ng

RT: 12.64 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:216 Resp: 983957

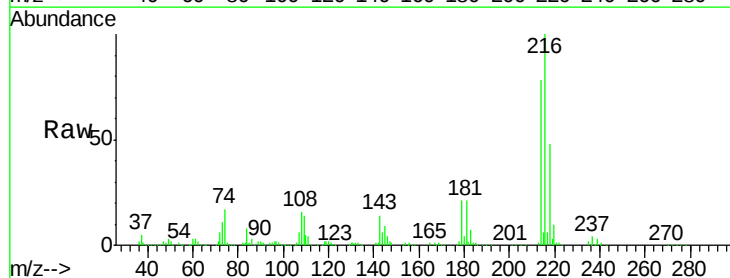
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 21.7 17.9 26.9

108 21.0 16.2 24.2



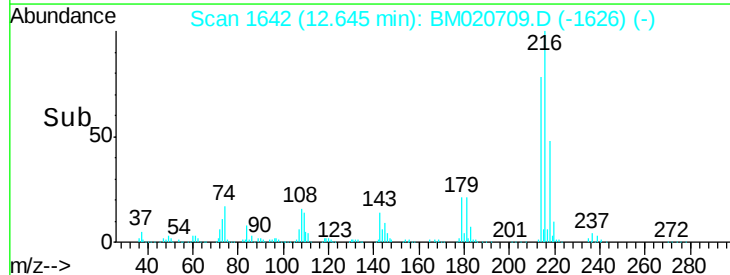
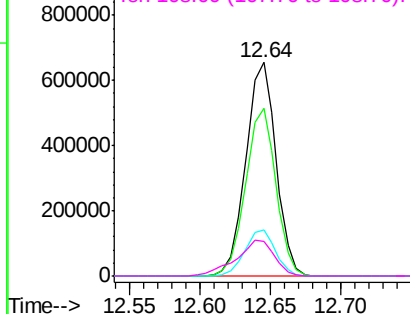
Abundance

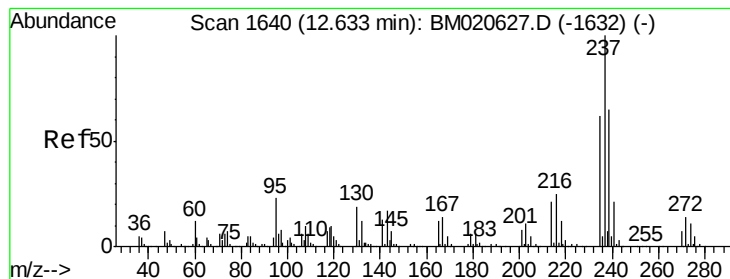
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.554 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

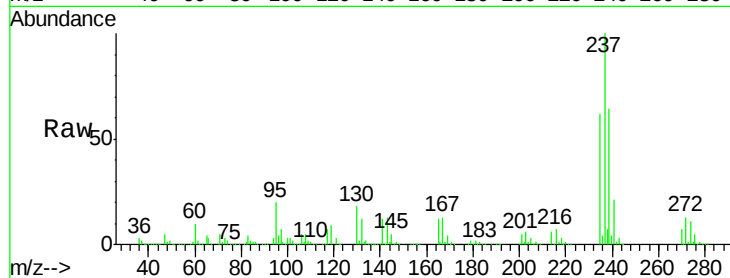
Tgt Ion:237 Resp: 1249446

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.1	82.1
272	13.4	0.0	33.5

237 100

235 62.3 42.1 82.1

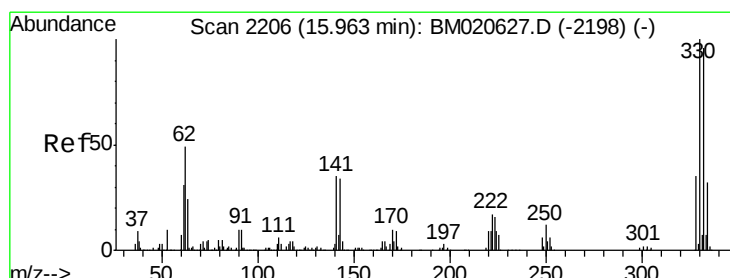
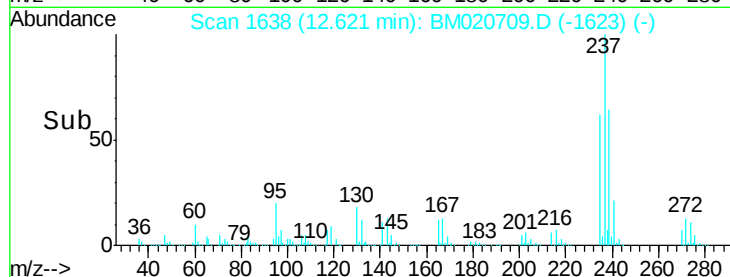
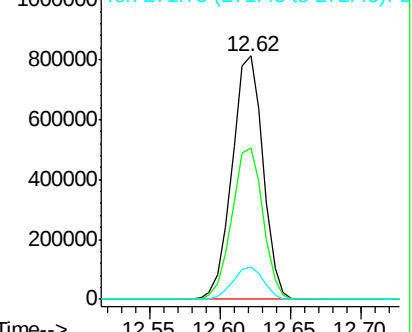
272 13.4 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.246 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

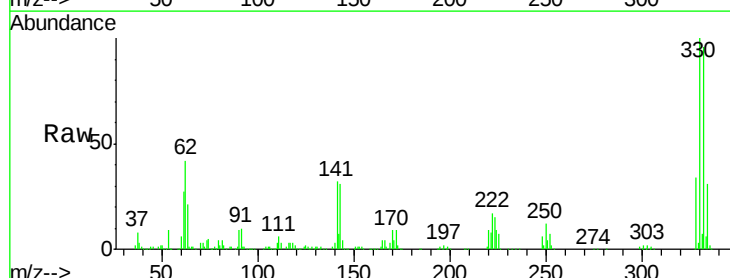
Tgt Ion:330 Resp: 1039197

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	34.5	30.4	45.6

330 100

332 96.7 77.4 116.0

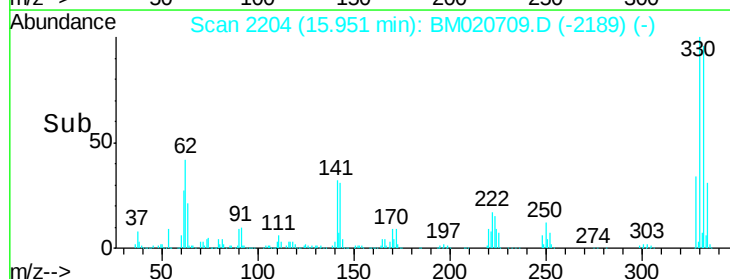
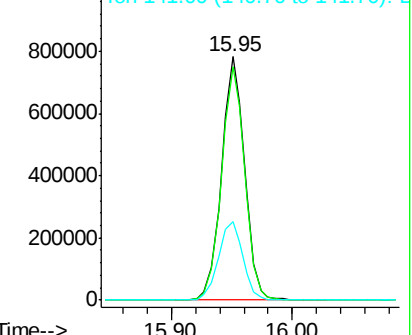
141 34.5 30.4 45.6

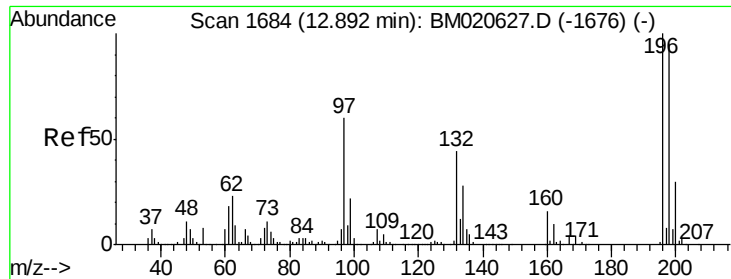


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

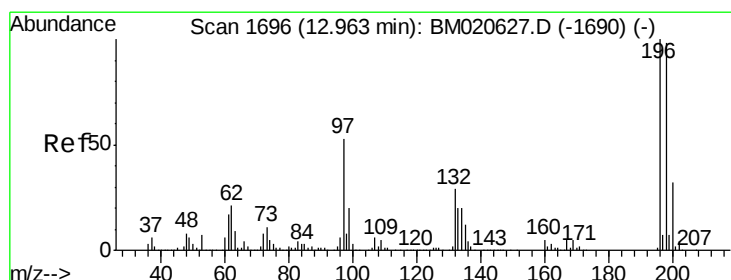
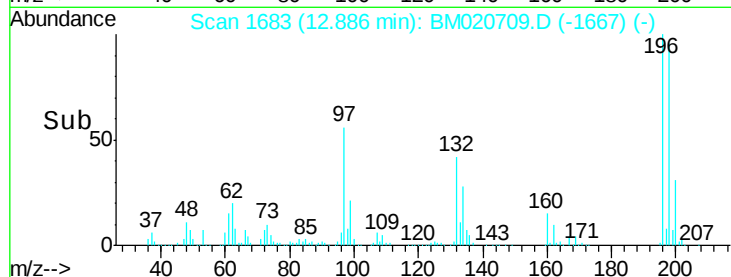
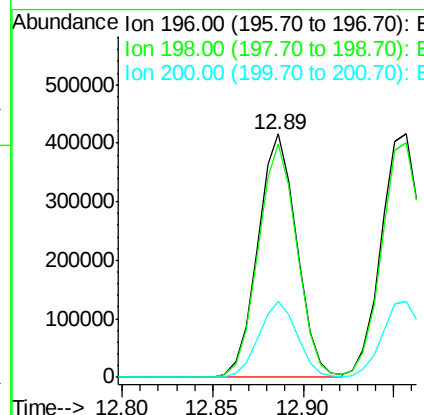
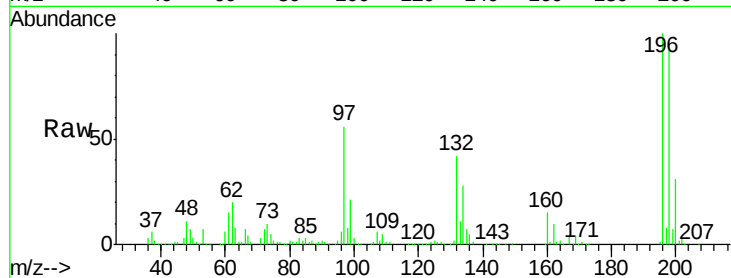




#43
 2,4,6-Trichlorophenol
 Concen: 47.506 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

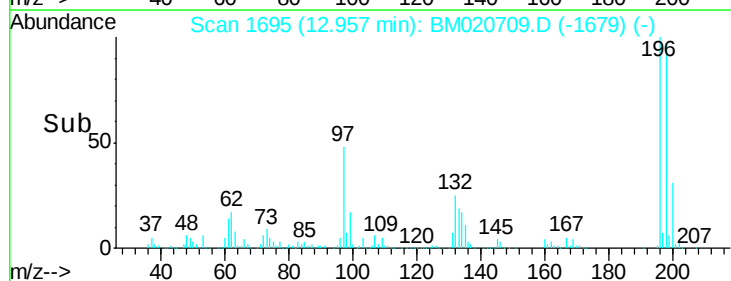
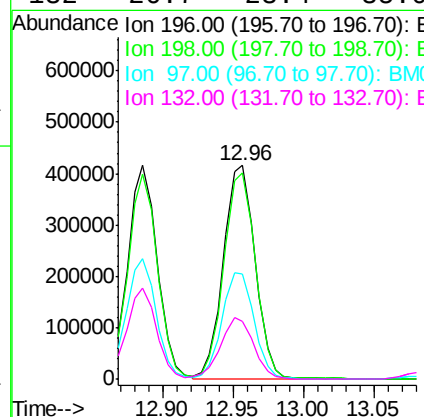
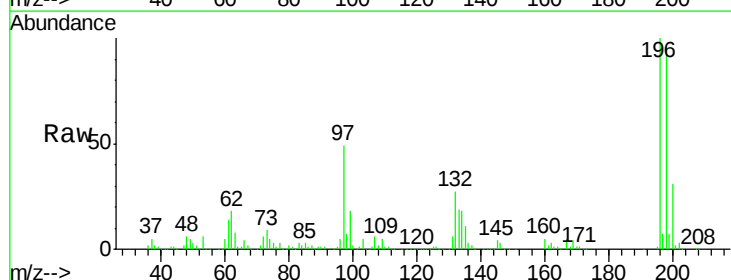
Instrument :
 BNA_M
 ClientSampleID :
 PB120137BS

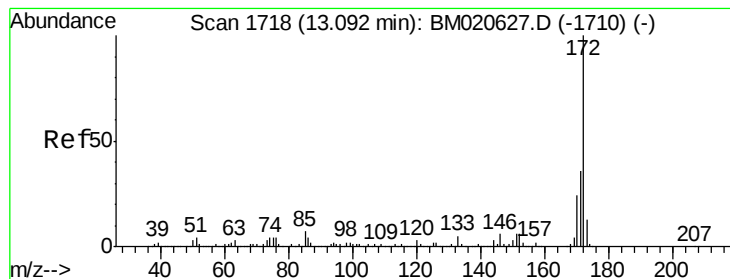
Tgt Ion:196 Resp: 616899
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 31.1 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.363 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:196 Resp: 648372
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.6 117.8
 97 49.4 42.7 64.1
 132 26.7 23.4 35.0

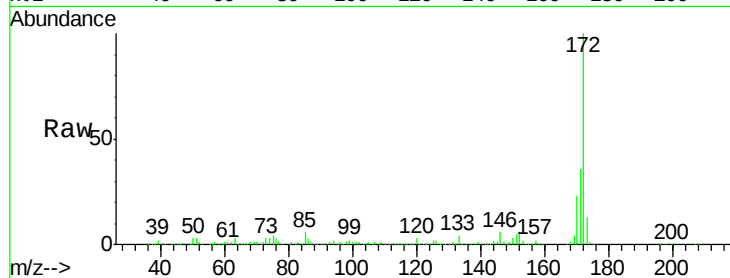




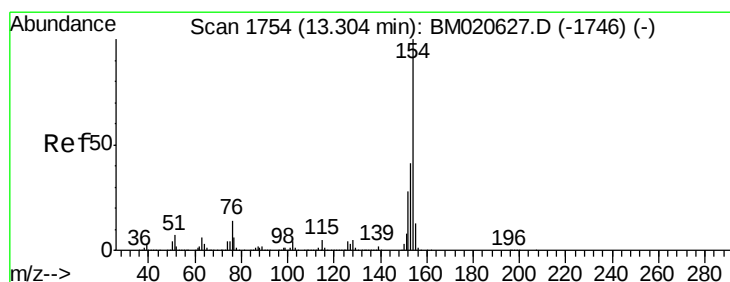
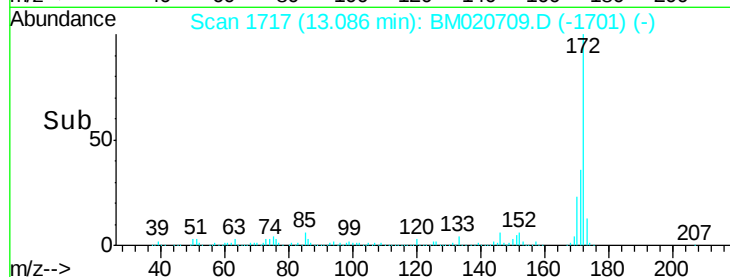
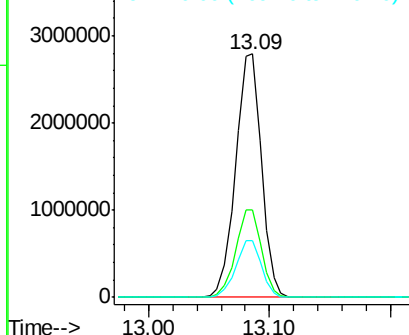
#45
 2-Fluorobiphenyl
 Concen: 89.709 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion:172 Resp: 4154020
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.2 18.9 28.3

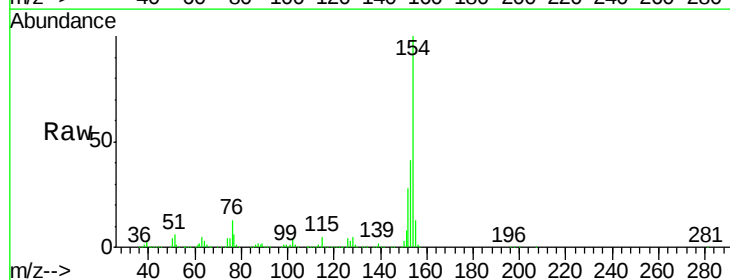


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

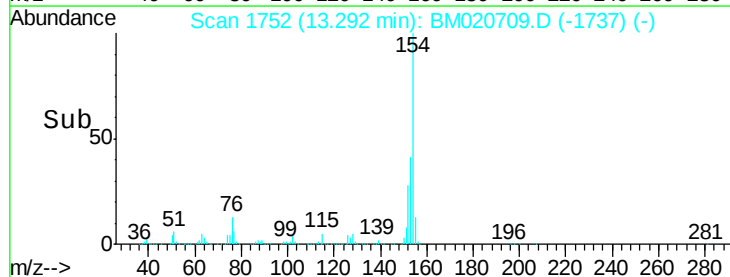
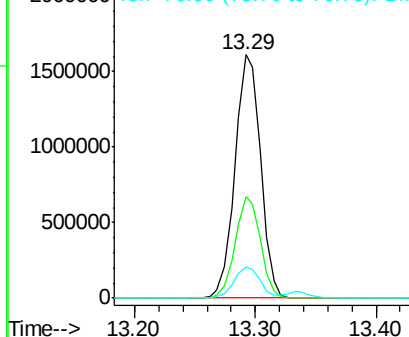


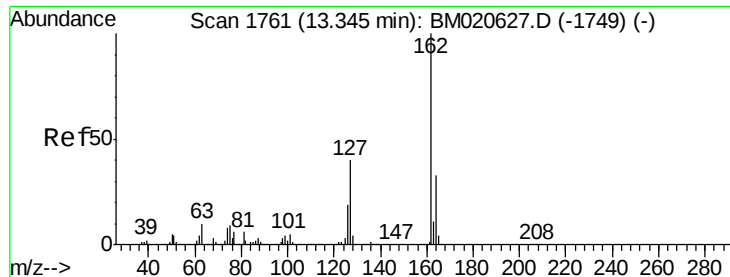
#46
 1,1'-Biphenyl
 Concen: 46.169 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:154 Resp: 2373703
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.7 60.7
 76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

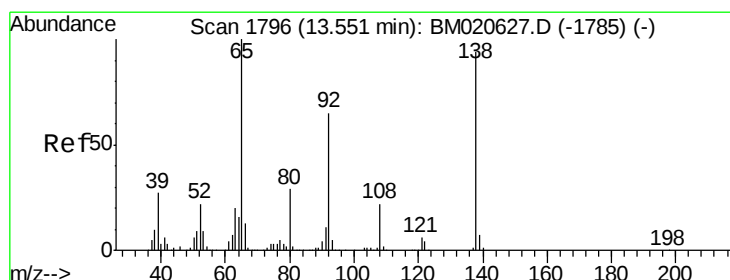
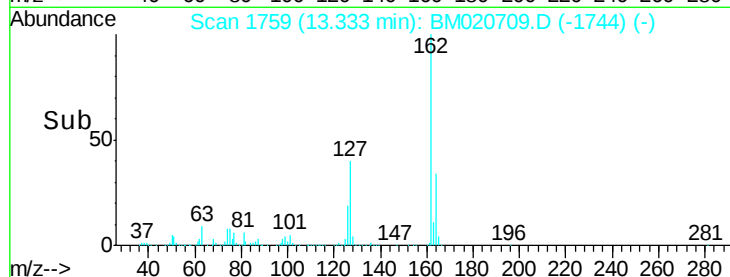
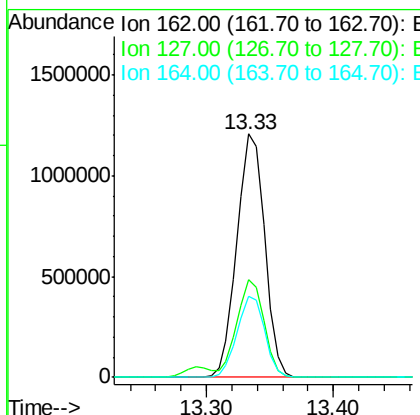
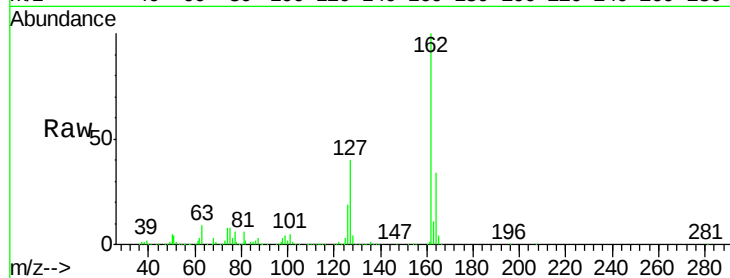




#47
 2-Chloronaphthalene
 Concen: 44.314 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

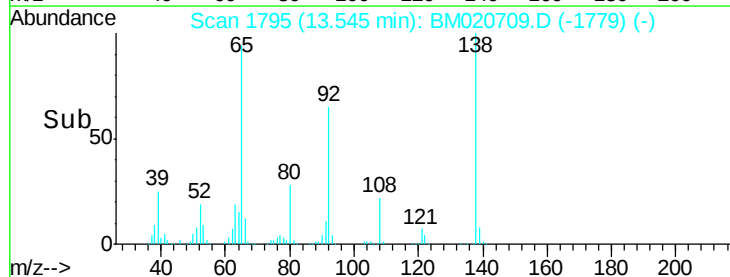
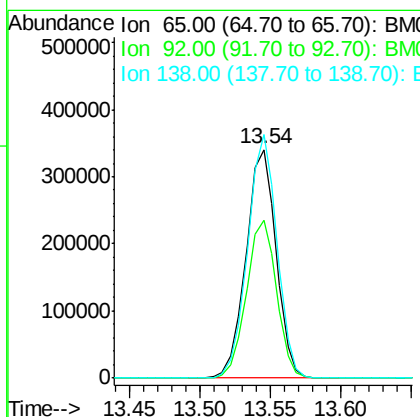
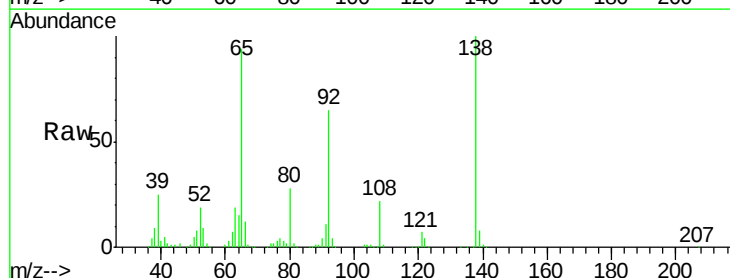
Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

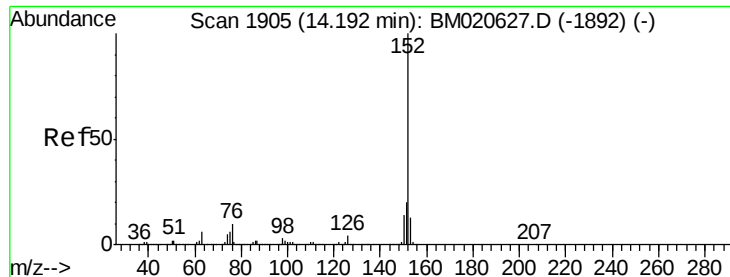
Tgt Ion: 162 Resp: 1838837
 Ion Ratio Lower Upper
 162 100
 127 40.2 32.1 48.1
 164 33.6 26.6 39.8



#48
 2-Nitroaniline
 Concen: 39.134 ng
 RT: 13.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion: 65 Resp: 509684
 Ion Ratio Lower Upper
 65 100
 92 69.3 52.2 78.4
 138 106.6 75.4 113.0





#49

Acenaphthylene

Concen: 44.474 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

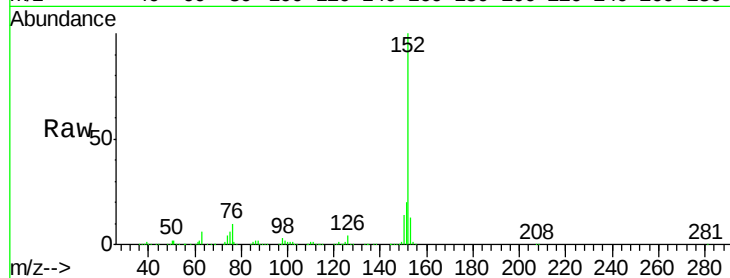
Tgt Ion:152 Resp: 2879495

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

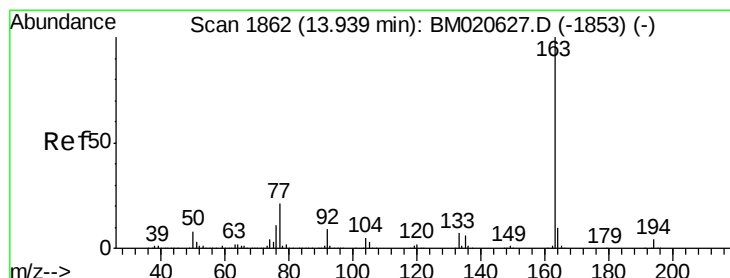
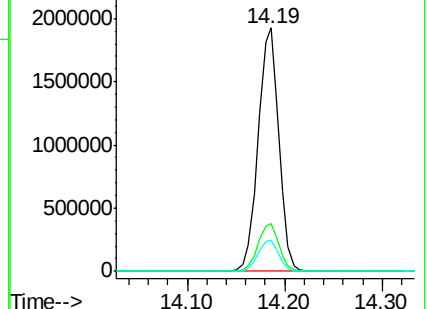
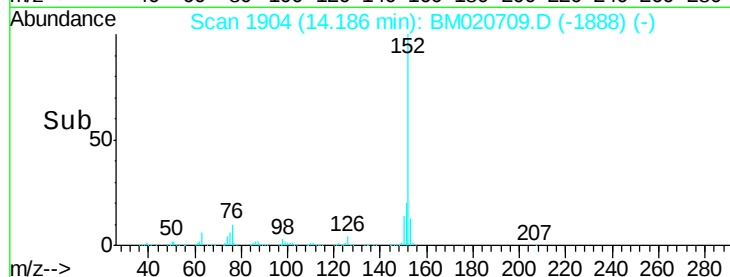
153 12.8 10.6 15.8



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: 41.195 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

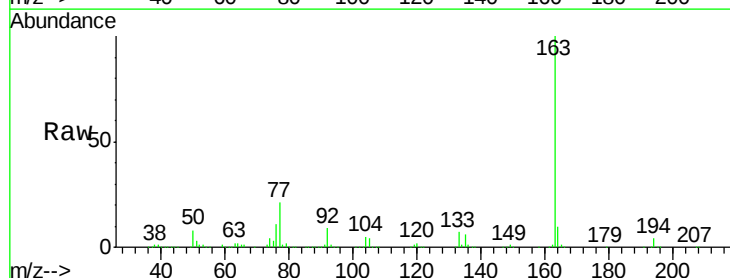
Tgt Ion:163 Resp: 2166621

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

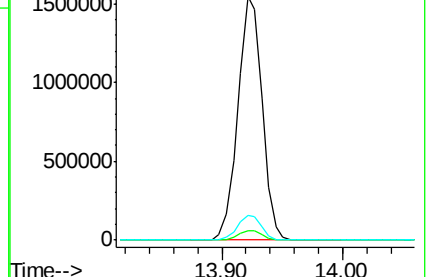
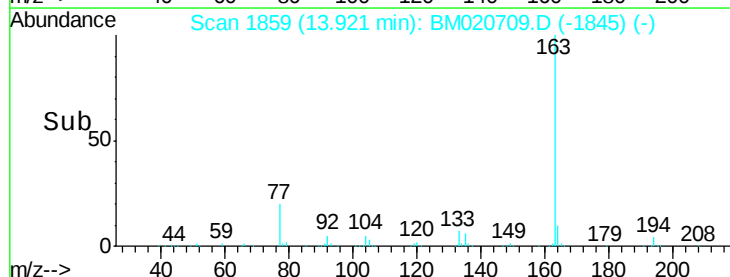
164 10.2 7.9 11.9

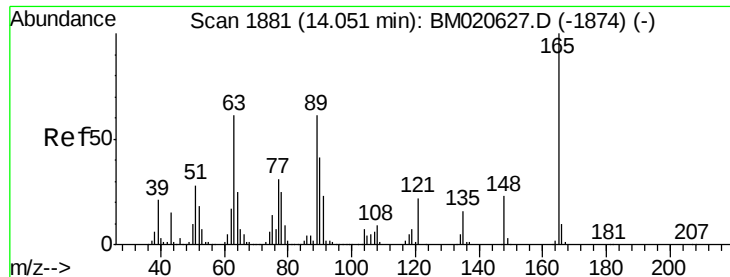


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.671 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

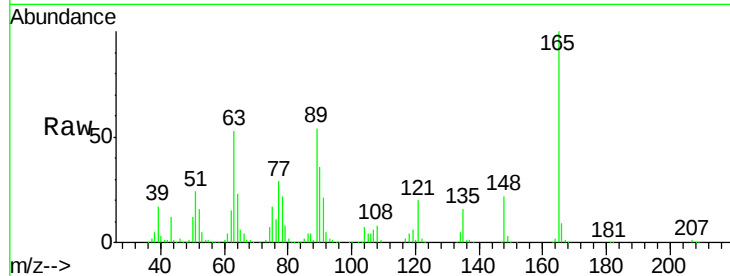
Tgt Ion:165 Resp: 466384

Ion Ratio Lower Upper

165 100

63 52.7 50.4 75.6

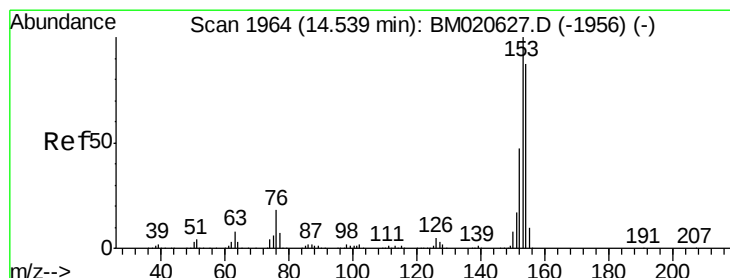
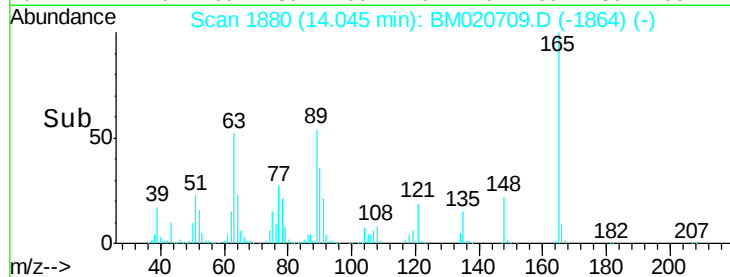
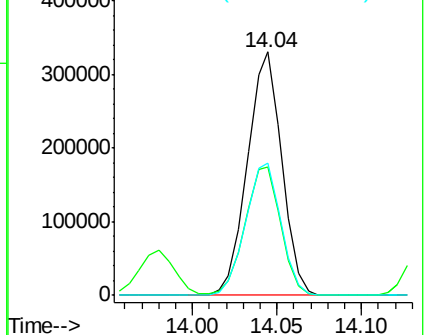
89 54.4 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 43.363 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

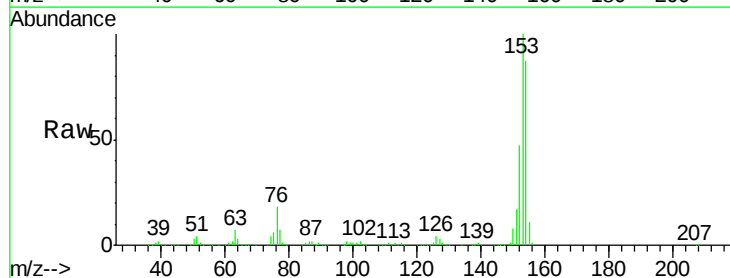
Tgt Ion:154 Resp: 1673115

Ion Ratio Lower Upper

154 100

153 115.1 92.4 138.6

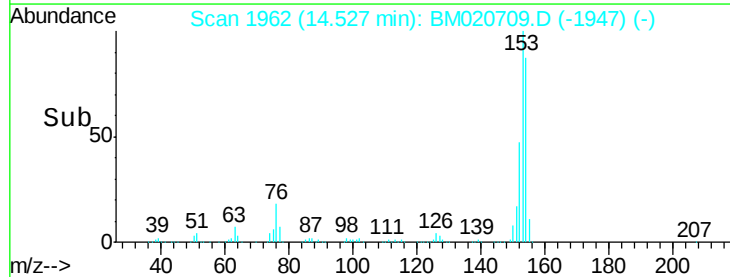
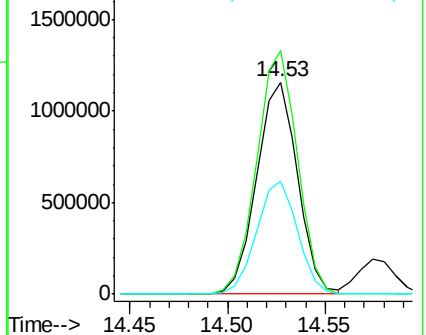
152 53.7 43.4 65.0

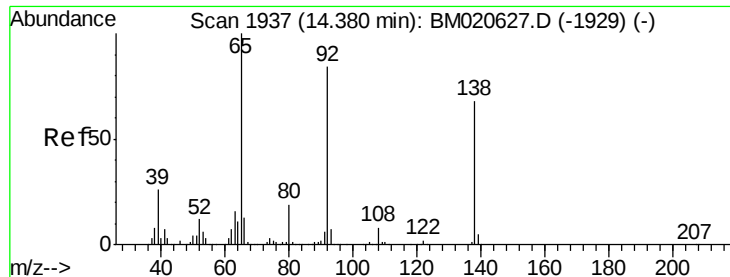


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.987 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

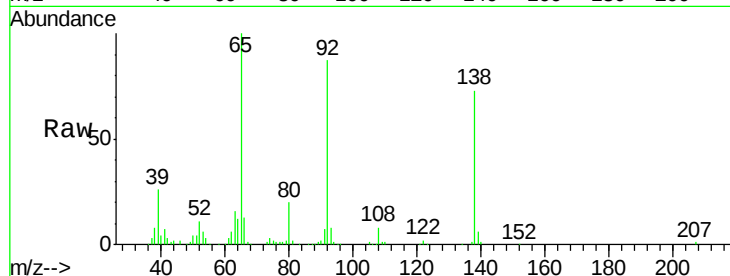
Tgt Ion:138 Resp: 273999

Ion Ratio Lower Upper

138 100

108 11.6 9.5 14.3

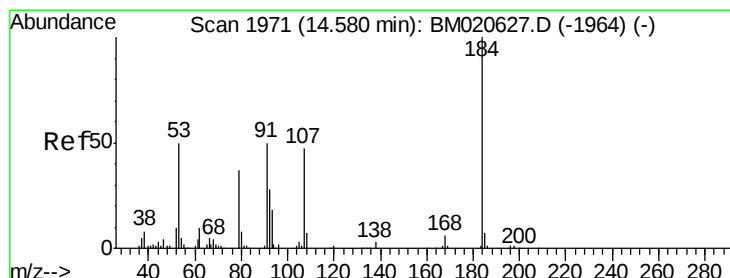
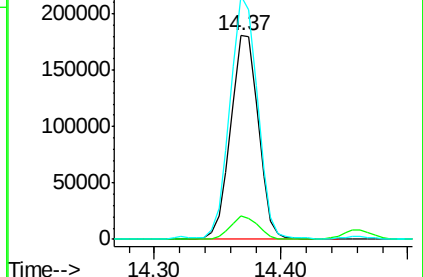
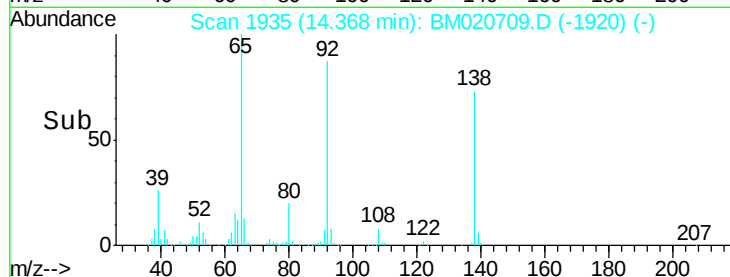
92 119.5 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 82.507 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

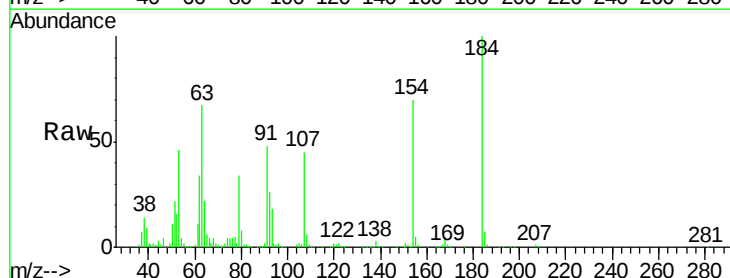
Tgt Ion:184 Resp: 380212

Ion Ratio Lower Upper

184 100

63 66.7 59.3 88.9

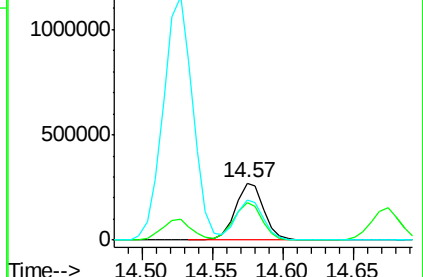
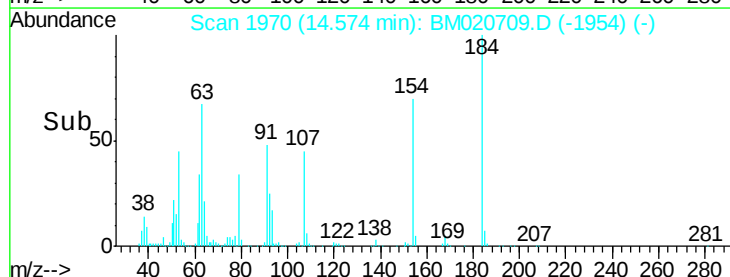
154 70.0 56.5 84.7

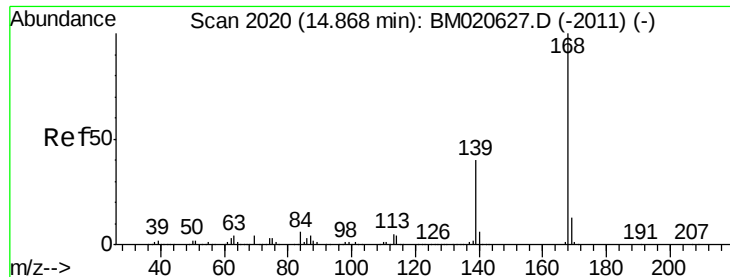


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.154 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

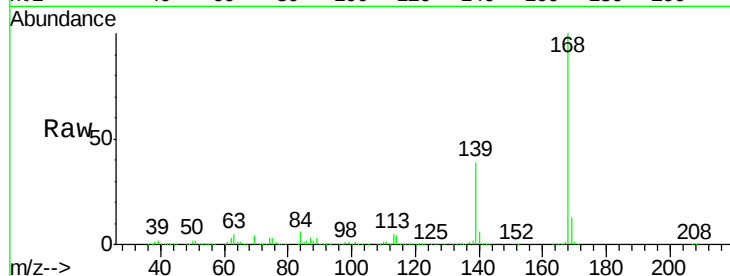
Tgt Ion:168 Resp: 2586086

Ion Ratio Lower Upper

168 100

139 38.5 31.9 47.9

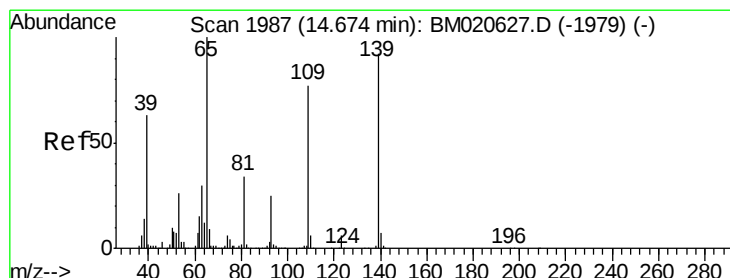
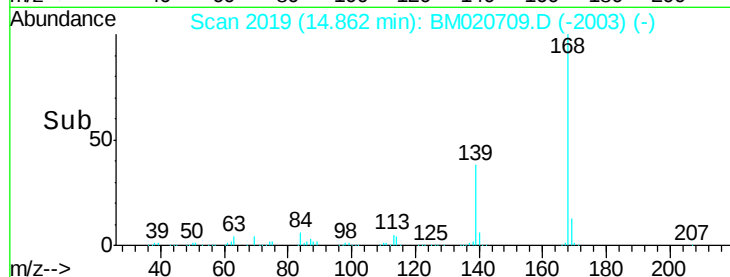
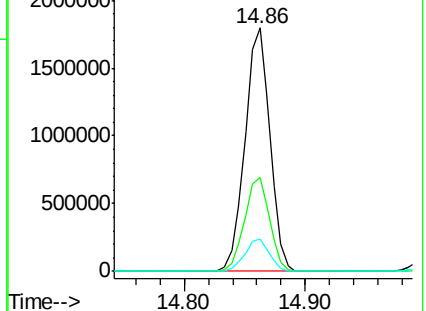
169 13.2 10.7 16.1



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: 84.450 ng

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

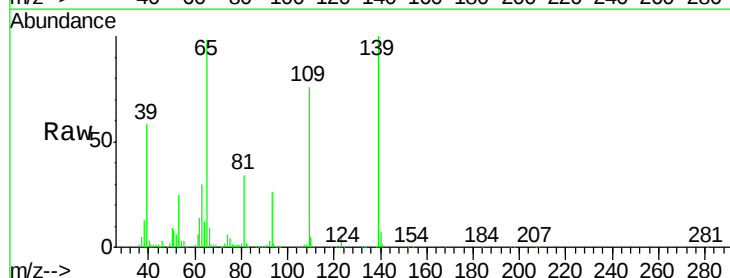
Tgt Ion:139 Resp: 741806

Ion Ratio Lower Upper

139 100

109 76.0 62.7 102.7

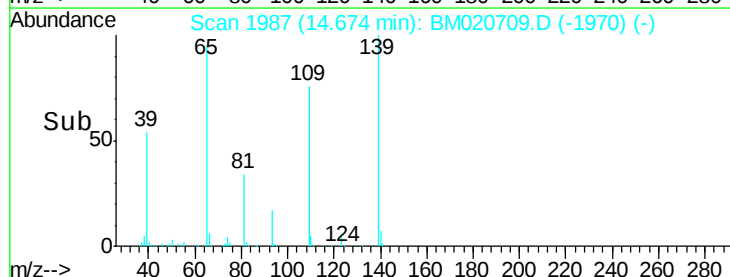
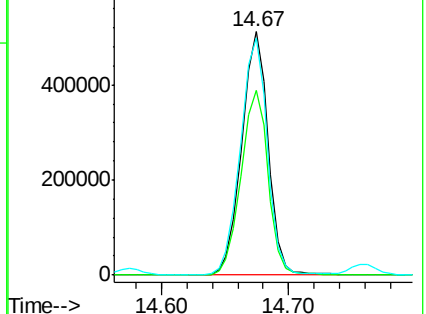
65 97.6 88.3 128.3

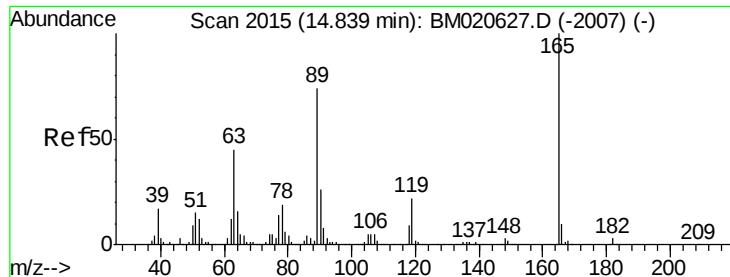


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

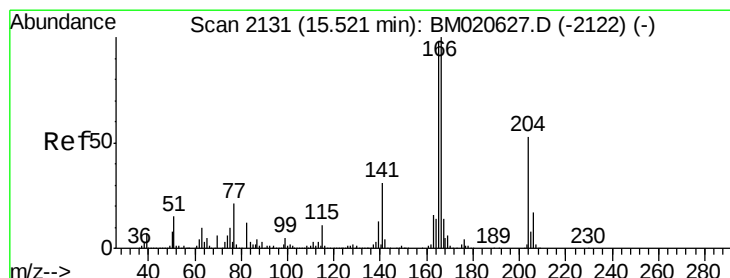
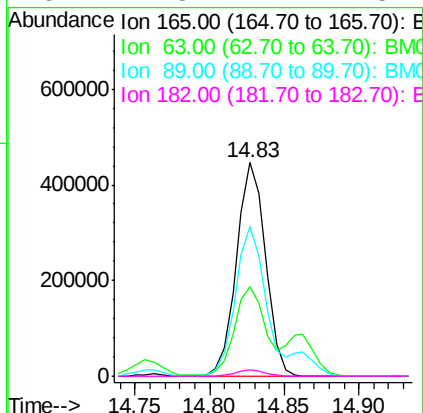
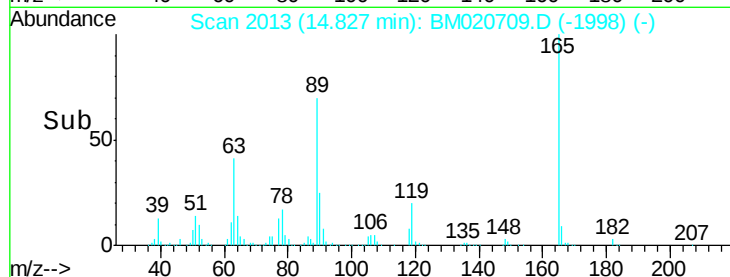
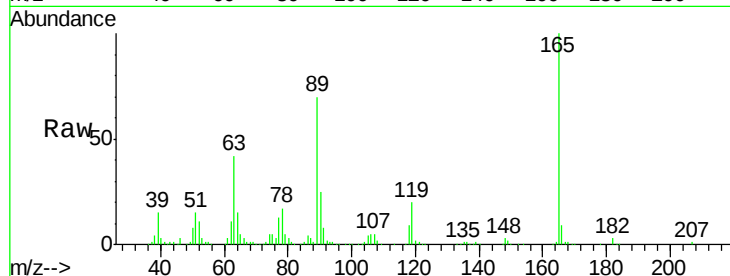




#57
2,4-Dinitrotoluene
Concen: 42.292 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

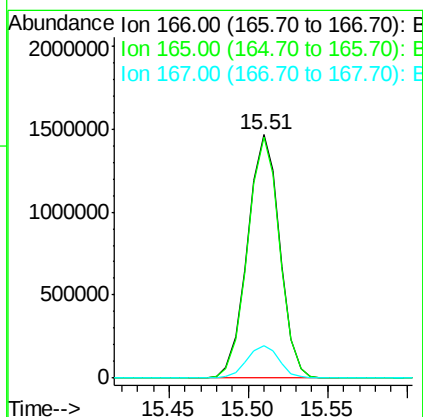
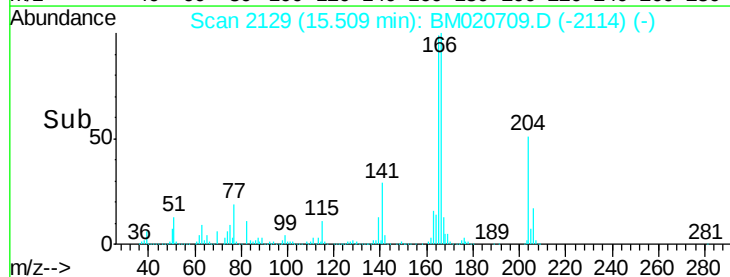
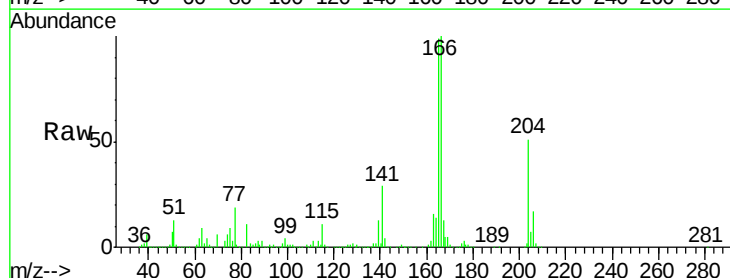
Instrument :
BNA_M
ClientSampleId :
PB120137BS

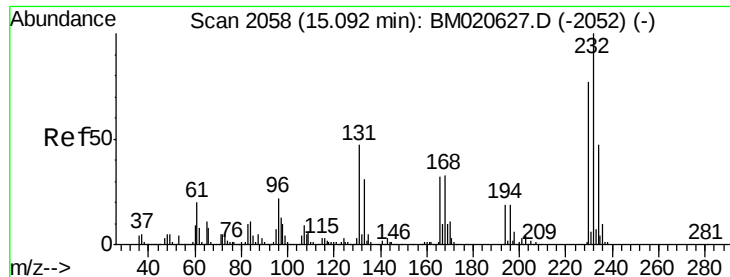
Tgt Ion:165 Resp: 604738
Ion Ratio Lower Upper
165 100
63 41.9 36.3 54.5
89 69.8 59.0 88.6
182 2.8 2.2 3.4



#58
Fluorene
Concen: 41.876 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:166 Resp: 2063693
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 13.4 11.0 16.4

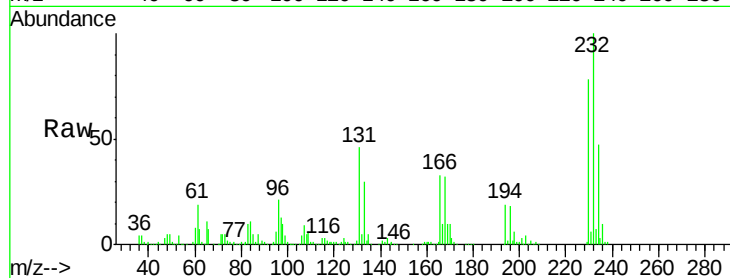




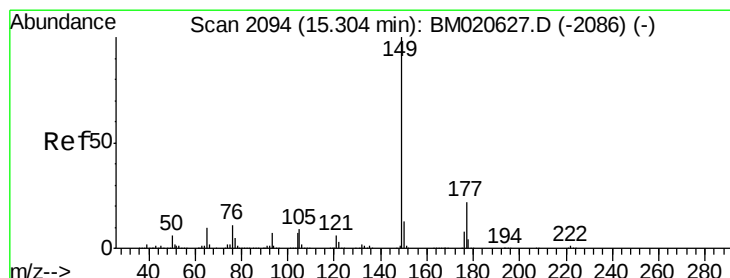
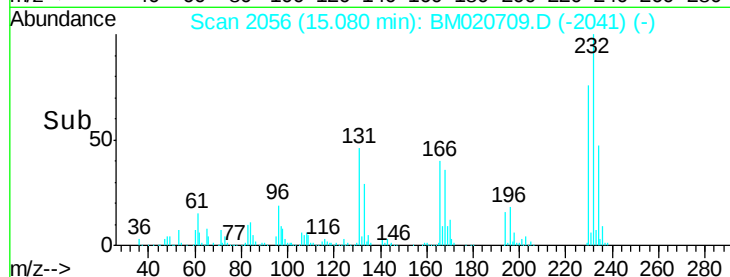
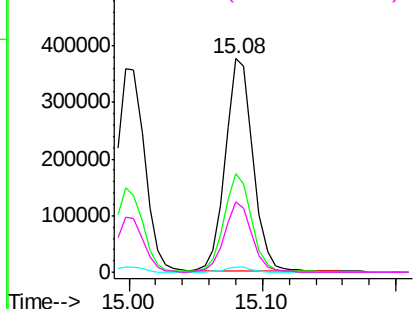
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.623 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion:	232	Resp:	544653
Ion	Ratio	Lower	Upper
232	100		
131	46.0	38.6	57.8
130	2.4	2.2	3.2
166	32.7	26.6	39.8

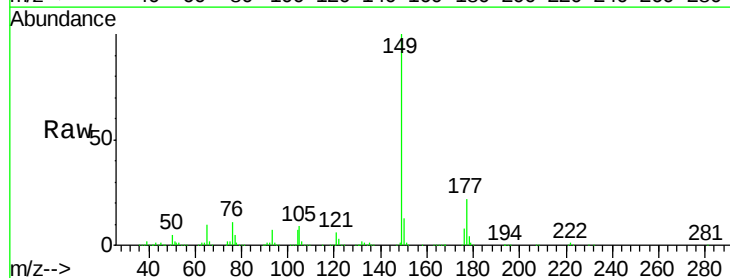


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

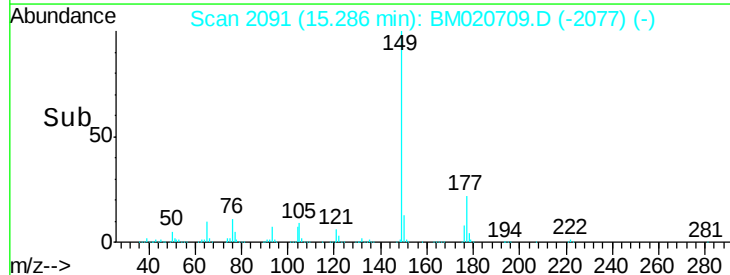
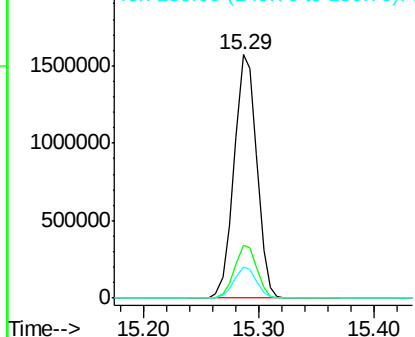


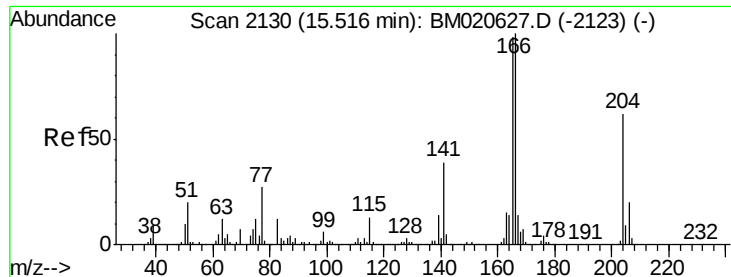
#60
 Diethylphthalate
 Concen: 39.268 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:	149	Resp:	2130065
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.2	25.8
150	12.8	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

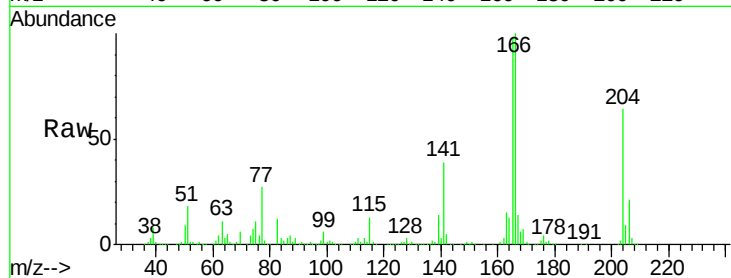




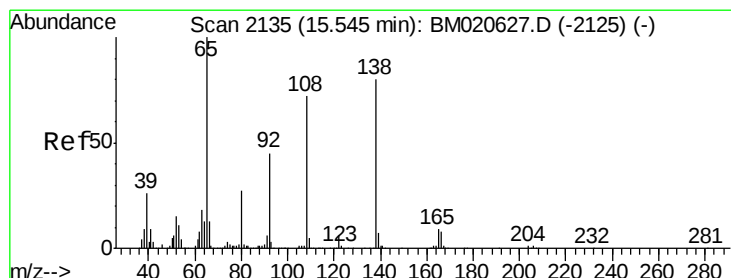
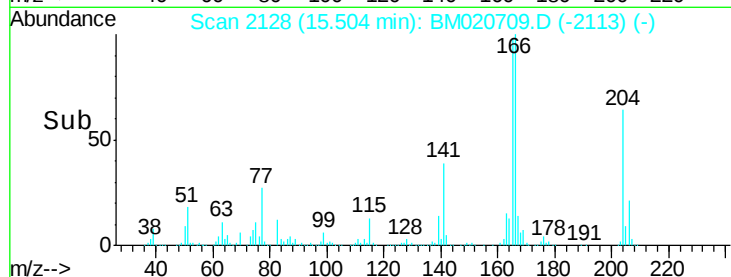
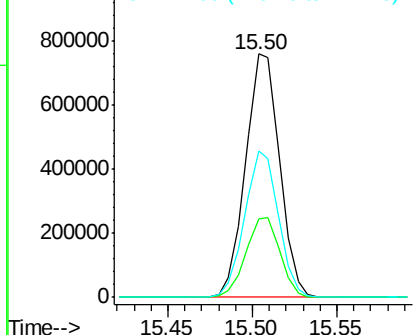
#61
4-Chlorophenyl-phenylether
Concen: 40.926 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion:204 Resp: 1067883
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 60.2 50.2 75.4

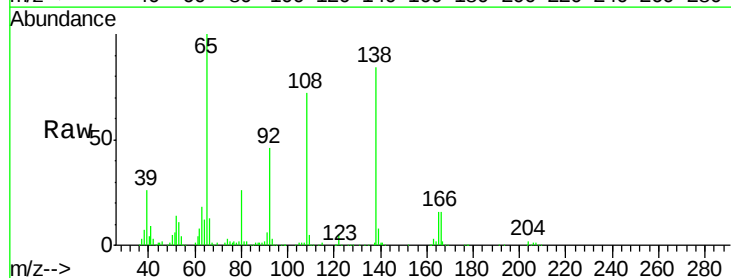


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

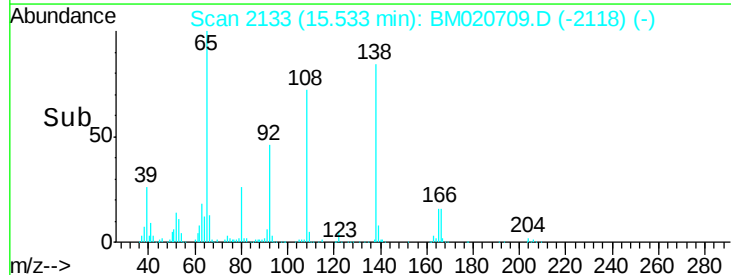
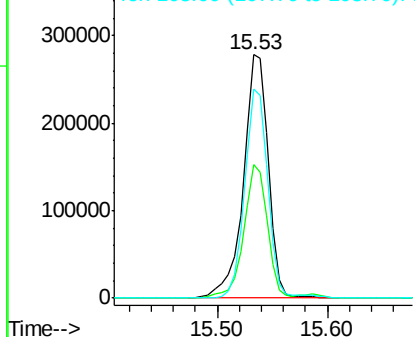


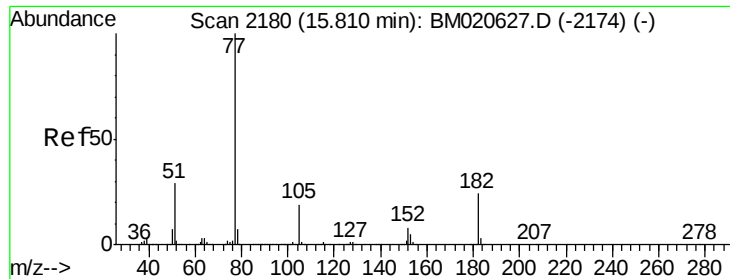
#62
4-Nitroaniline
Concen: 34.914 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:138 Resp: 441376
Ion Ratio Lower Upper
138 100
92 54.8 36.7 76.7
108 85.8 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.682 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

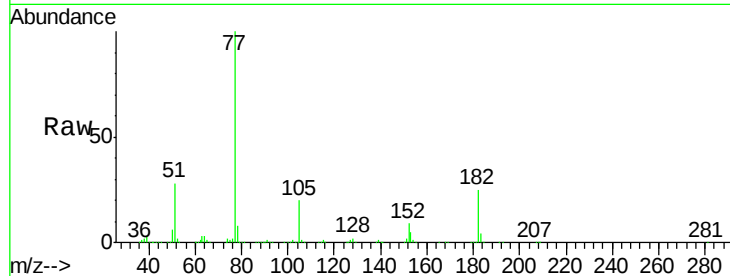
BNA_M

ClientSampleId :

PB120137BS

Tgt Ion: 77 Resp: 2011627

Ion	Ratio	Lower	Upper
77	100		
182	25.1	3.6	43.6
105	19.6	0.0	39.4
51	27.5	9.5	49.5

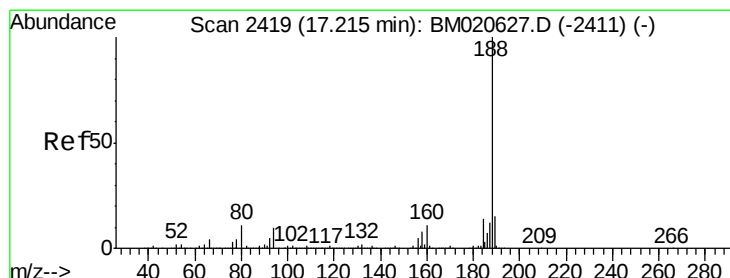
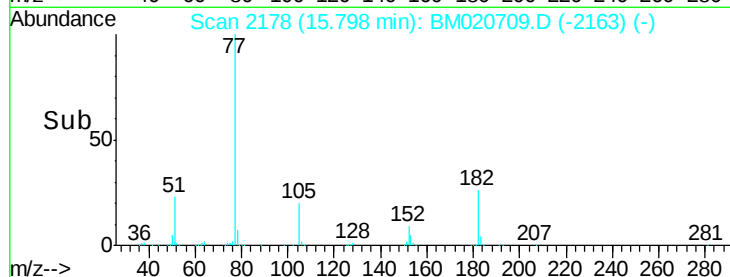


Abundance Ion 77.00 (76.70 to 77.70): BM020709.D (-2163) (-)

Ion 182.00 (181.70 to 182.70): BM020709.D (-2163) (-)

Ion 105.00 (104.70 to 105.70): BM020709.D (-2163) (-)

Ion 51.00 (50.70 to 51.70): BM020709.D (-2163) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

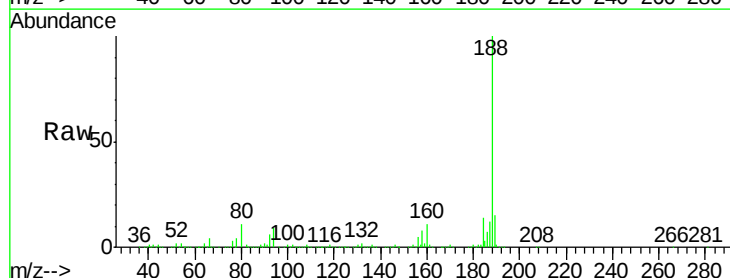
Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion: 188 Resp: 1195680

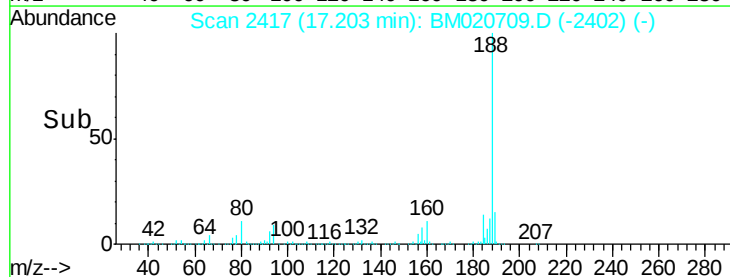
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.8	11.8
80	11.2	9.0	13.6

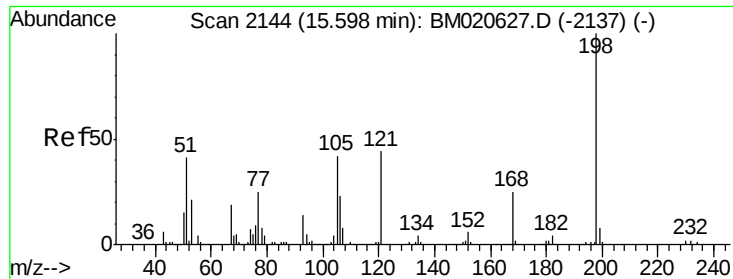


Abundance Ion 188.00 (187.70 to 188.70): BM020709.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020709.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020709.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 43.965 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

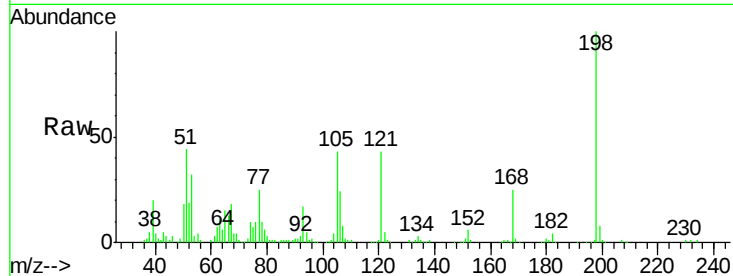
Tgt Ion:198 Resp: 234254

Ion Ratio Lower Upper

198 100

51 44.2 27.7 67.7

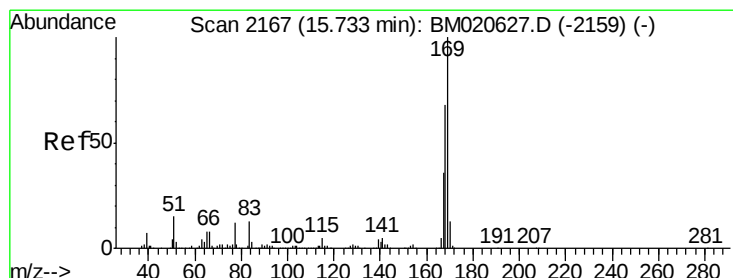
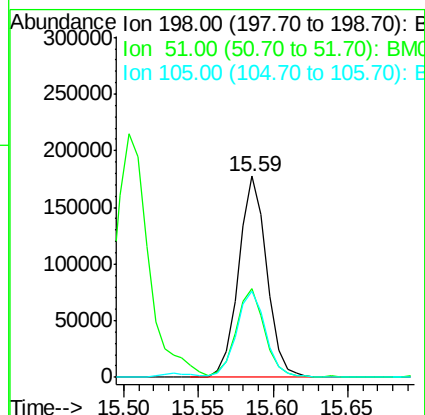
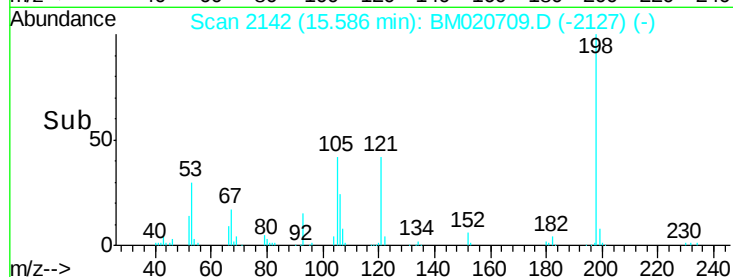
105 42.8 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.003 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

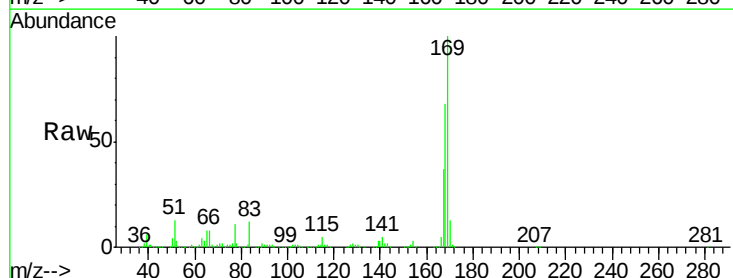
Tgt Ion:169 Resp: 1760835

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

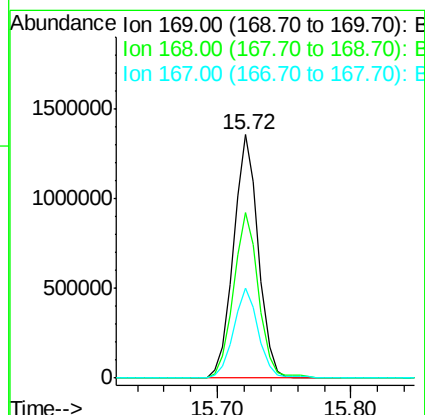
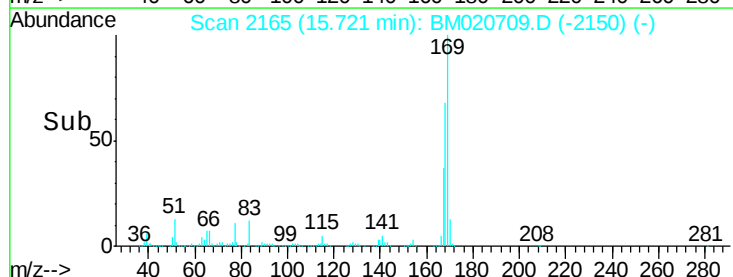
167 36.8 29.1 43.7

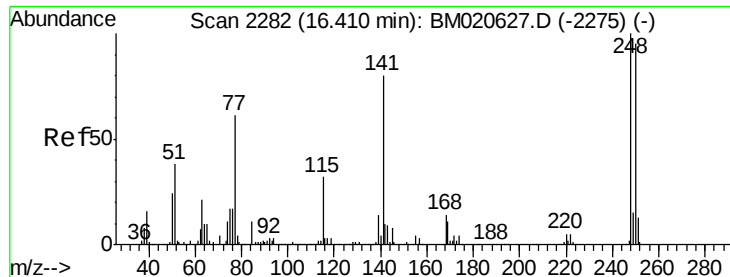


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

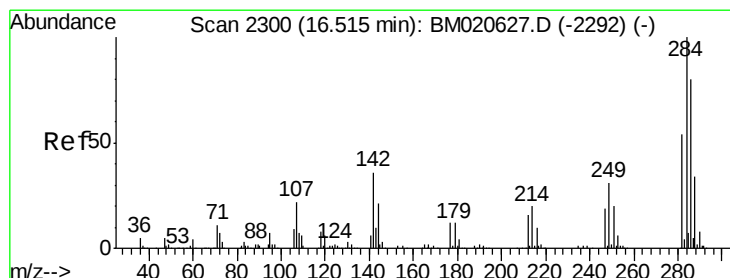
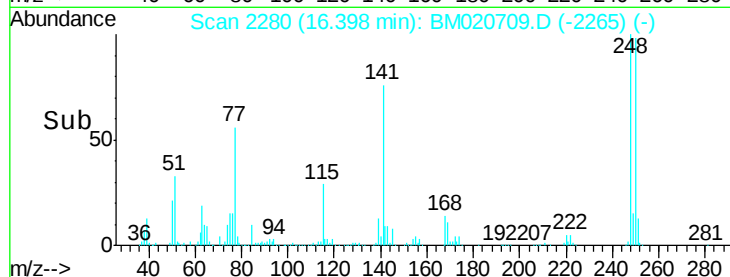
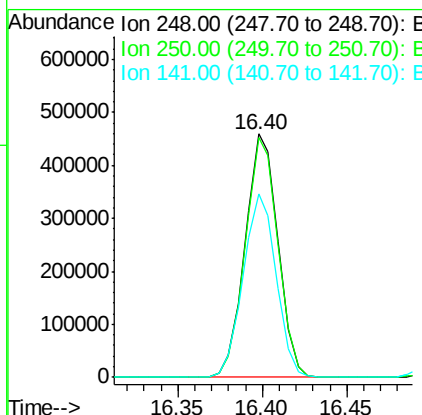
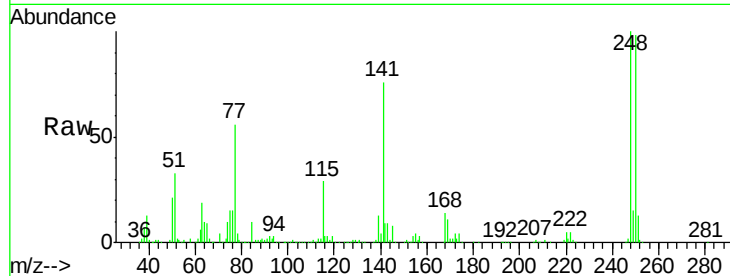




#67
 4-Bromophenyl-phenylether
 Concen: 44.082 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

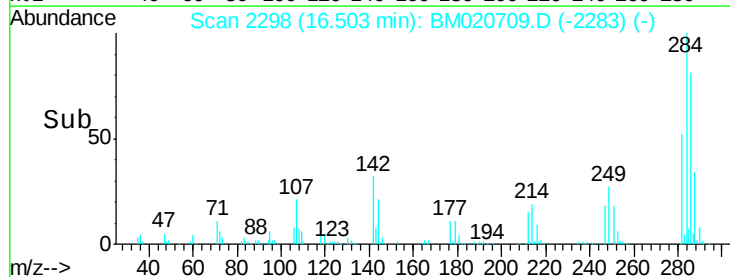
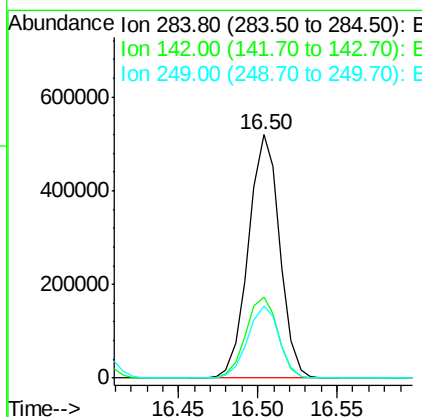
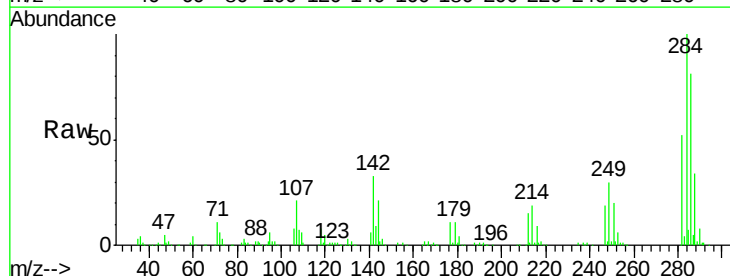
Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

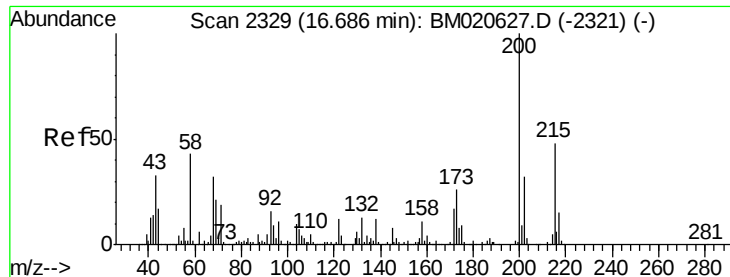
Tgt Ion:248 Resp: 620580
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.3 114.5
 141 75.6 64.2 96.2



#68
 Hexachlorobenzene
 Concen: 43.201 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:284 Resp: 710173
 Ion Ratio Lower Upper
 284 100
 142 33.2 28.6 42.8
 249 29.7 25.0 37.4





#69

Atrazine

Concen: 48.277 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

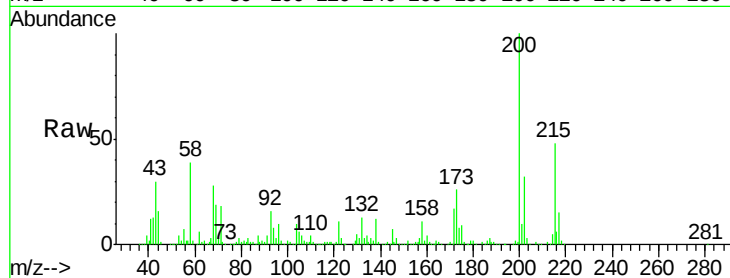
Tgt Ion:200 Resp: 551510

Ion Ratio Lower Upper

200 100

173 26.0 6.2 46.2

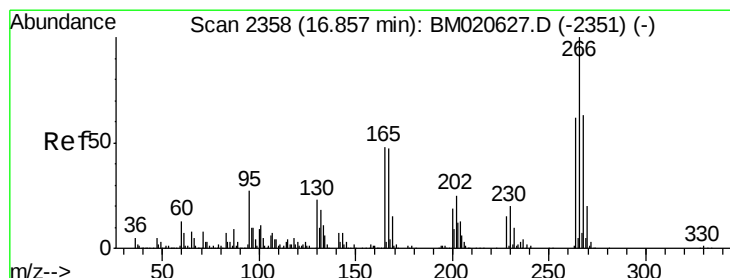
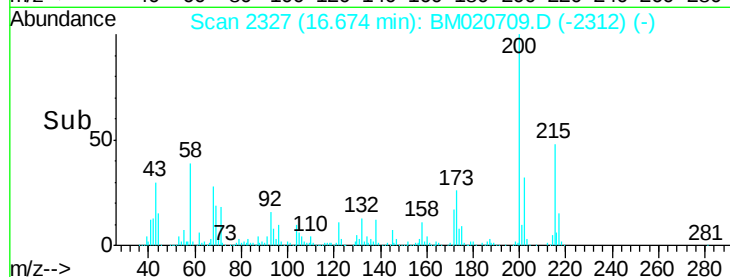
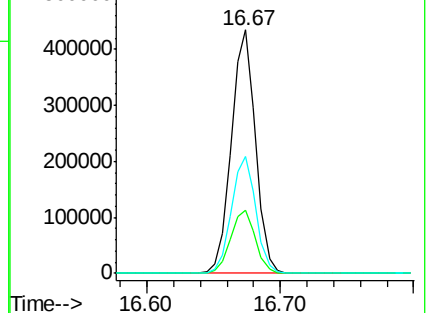
215 47.9 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.323 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

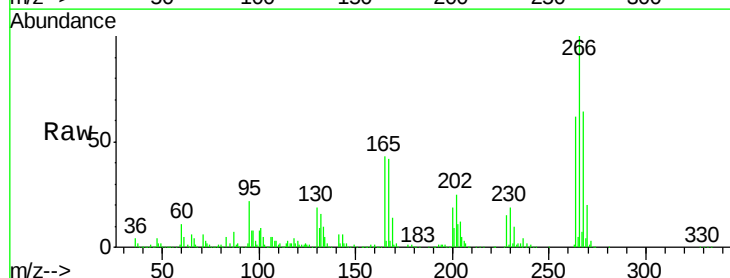
Tgt Ion:266 Resp: 810298

Ion Ratio Lower Upper

266 100

268 63.6 50.6 75.8

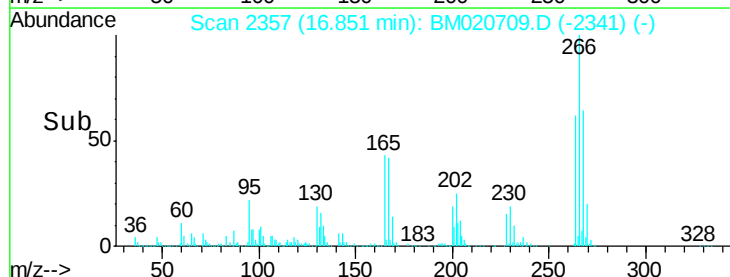
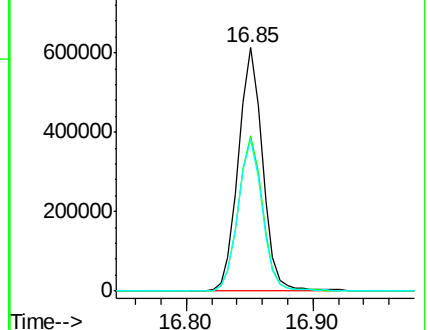
264 62.1 49.6 74.4

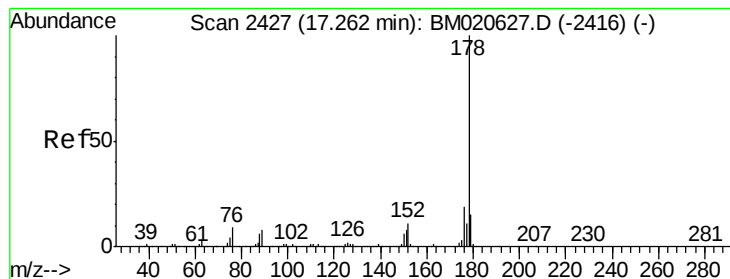


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.330 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

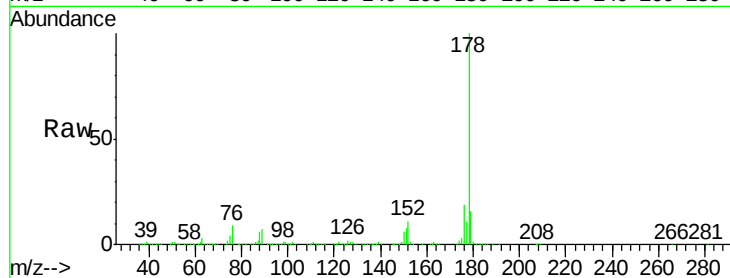
Tgt Ion:178 Resp: 2936681

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

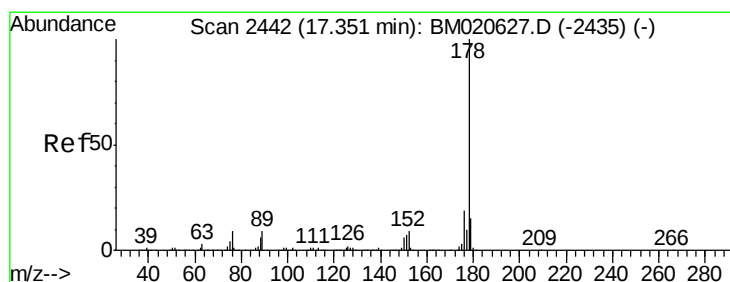
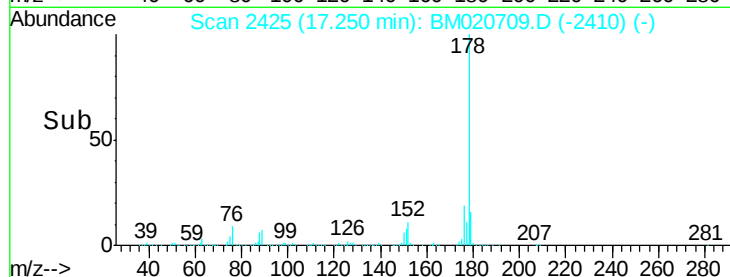
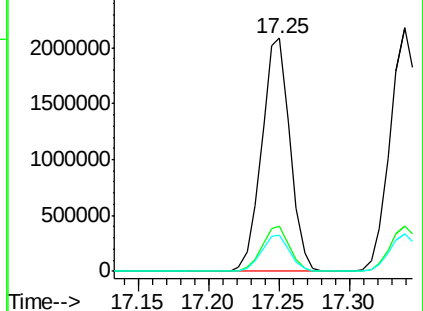
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.458 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

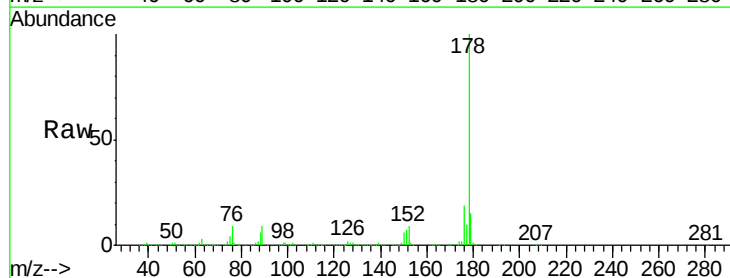
Tgt Ion:178 Resp: 3015806

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

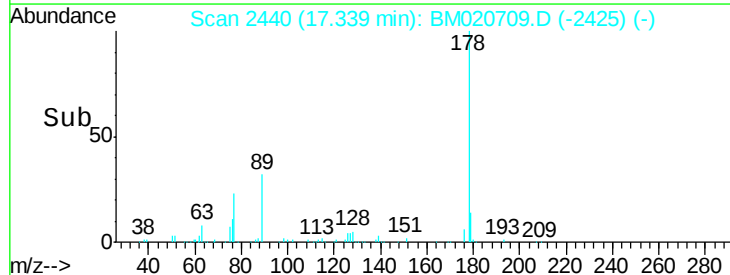
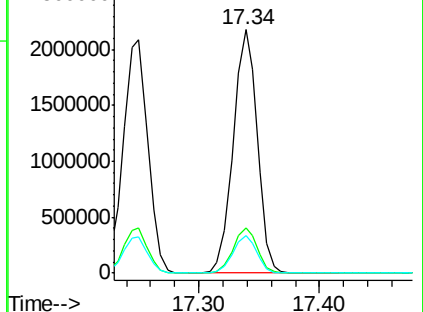
179 15.5 12.3 18.5

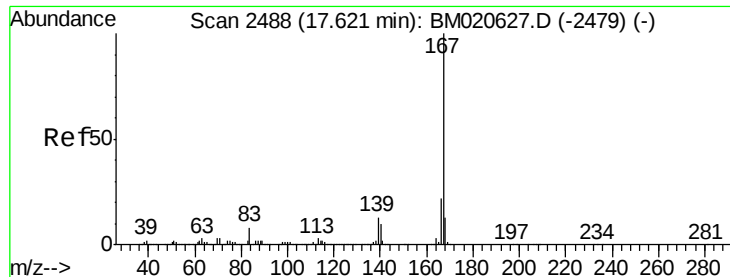


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

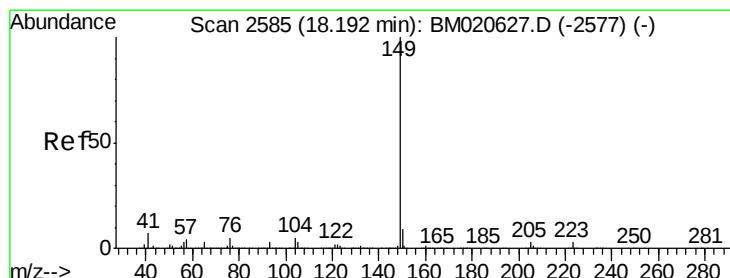
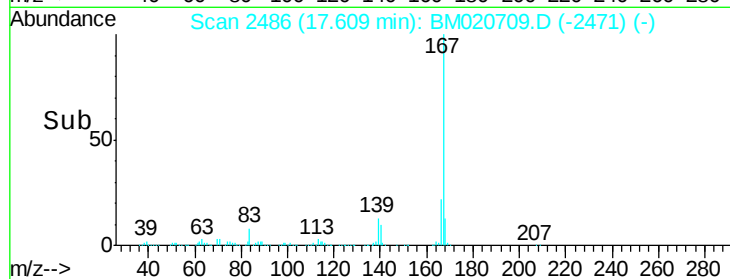
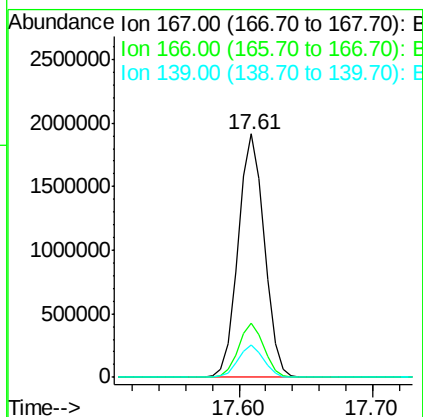
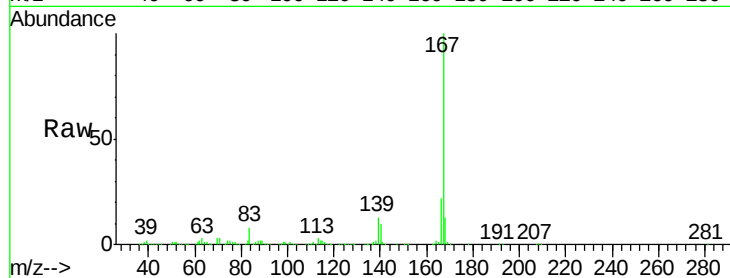




#73
 Carbazole
 Concen: 42.068 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

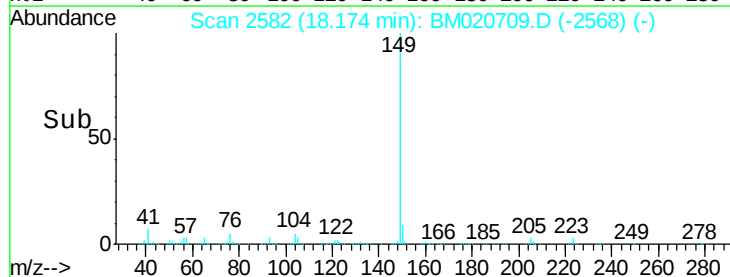
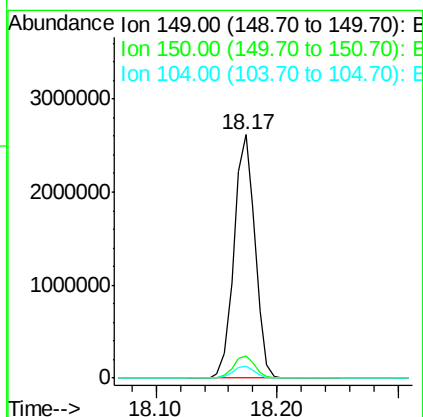
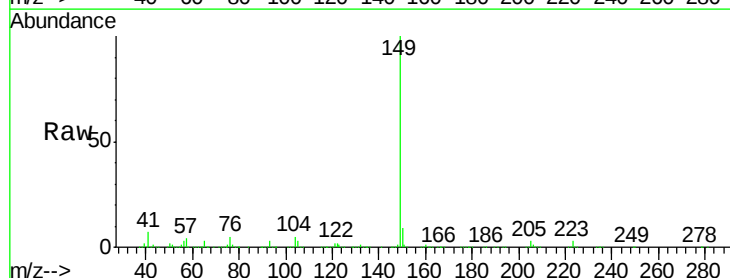
Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

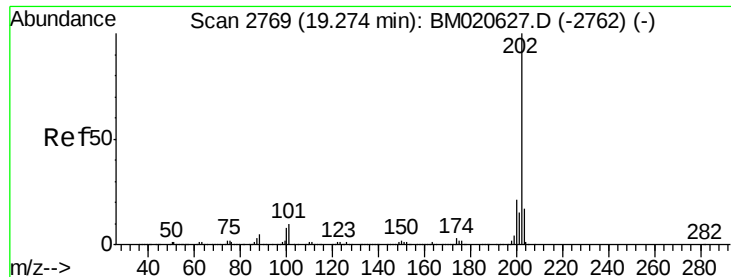
Tgt Ion:167 Resp: 2589592
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 39.529 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:149 Resp: 3158738
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 41.172 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

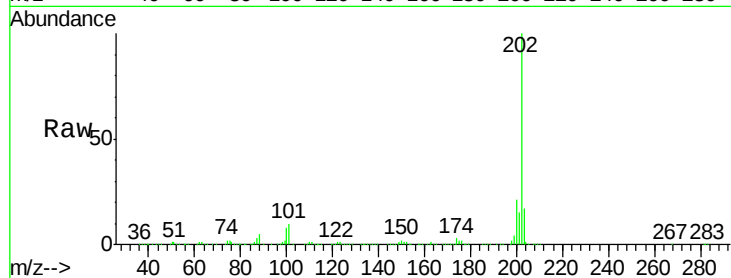
Tgt Ion:202 Resp: 3103192

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.4

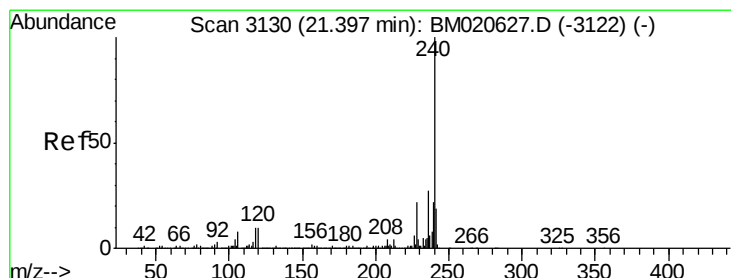
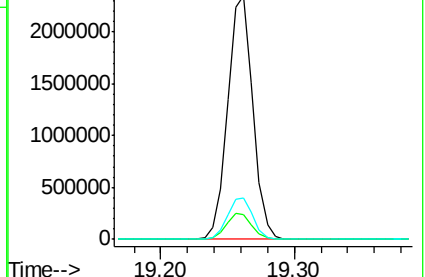
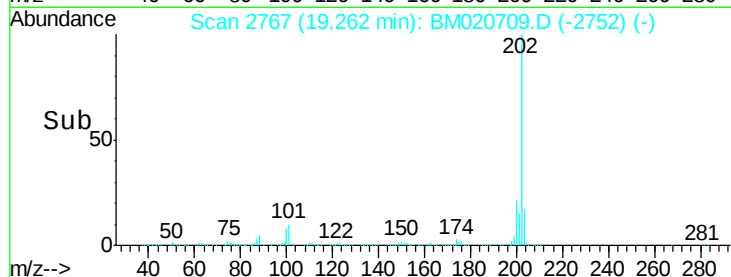
203 17.0 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

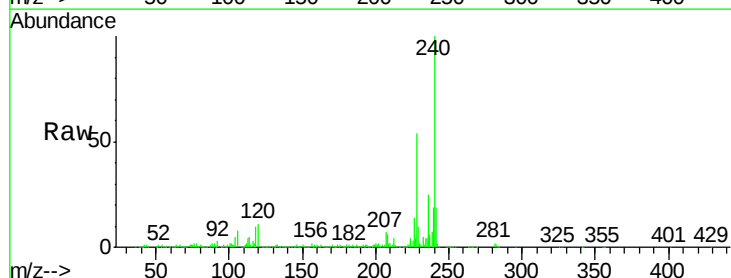
Tgt Ion:240 Resp: 1009918

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

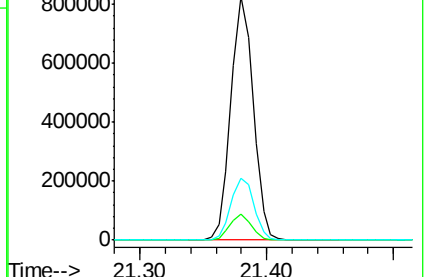
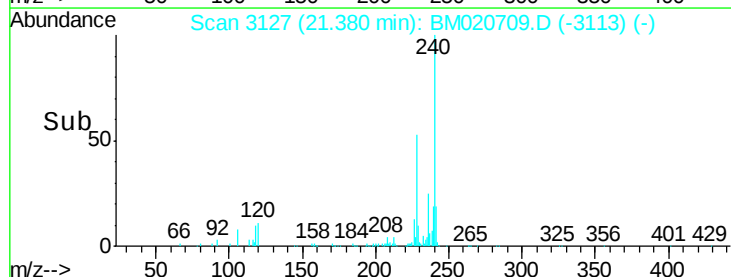
236 25.4 21.2 31.8

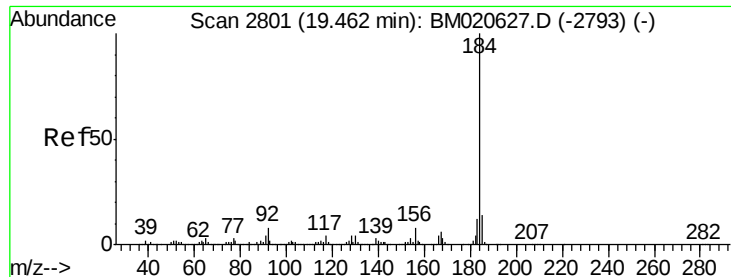


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.868 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

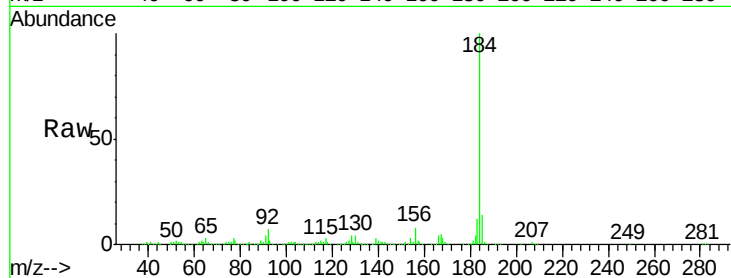
BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:184 Resp: 1434237

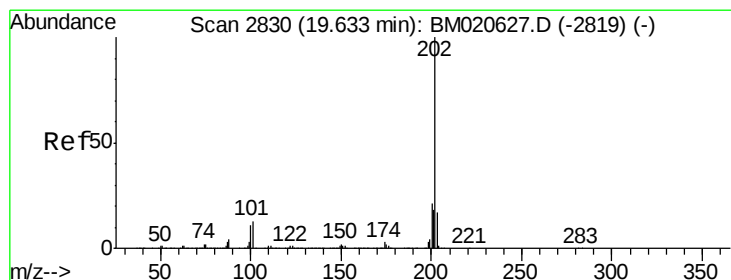
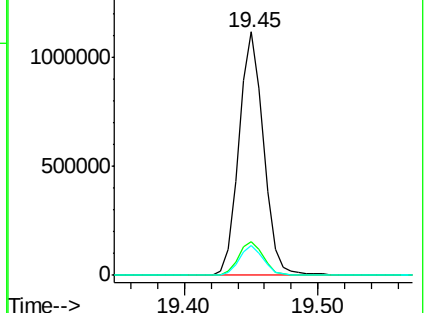
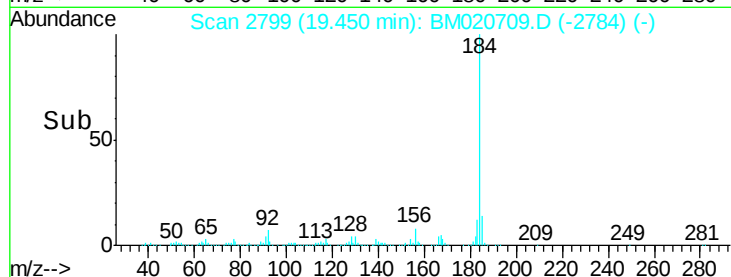
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.3	16.9
183	12.2	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.669 ng

RT: 19.62 min Scan# 2828

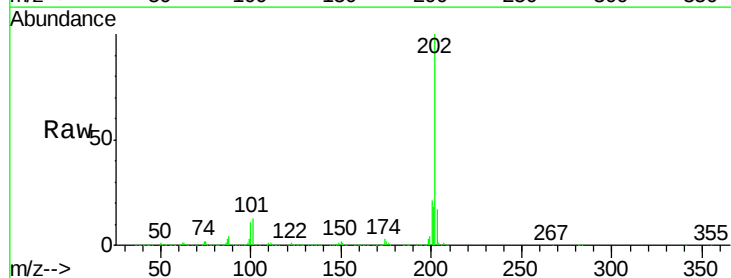
Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:202 Resp: 3151858

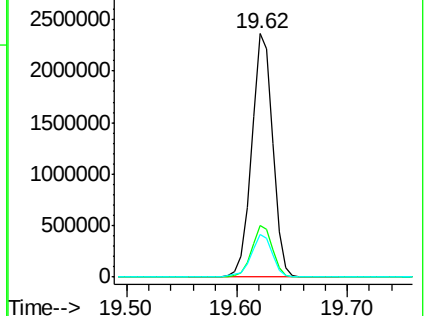
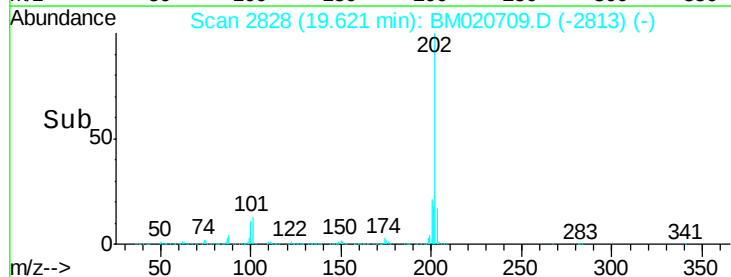
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.4	13.9	20.9

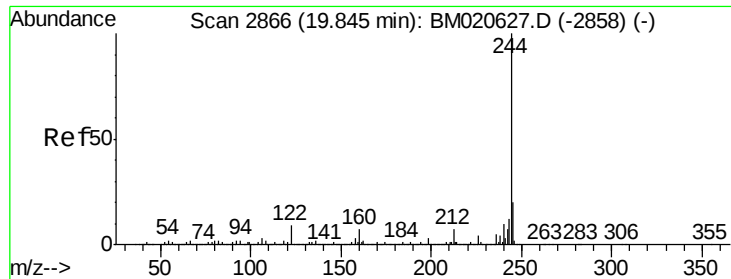


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.137 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampled :

PB120137BS

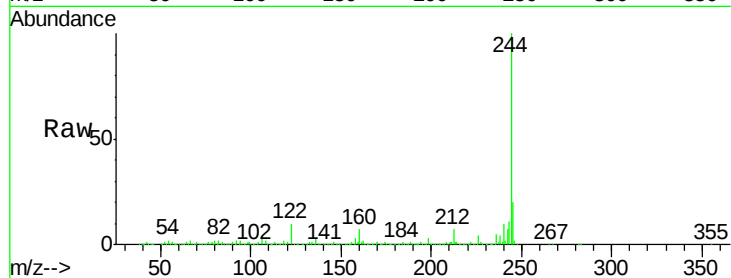
Tgt Ion:244 Resp: 4717759

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

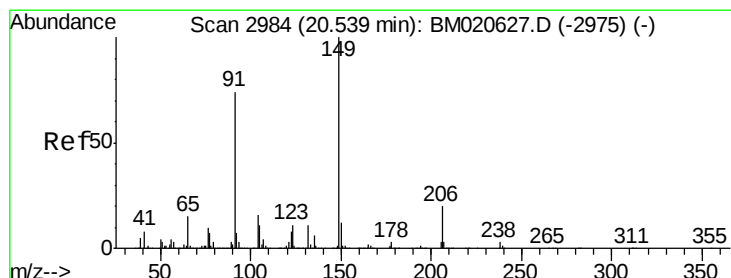
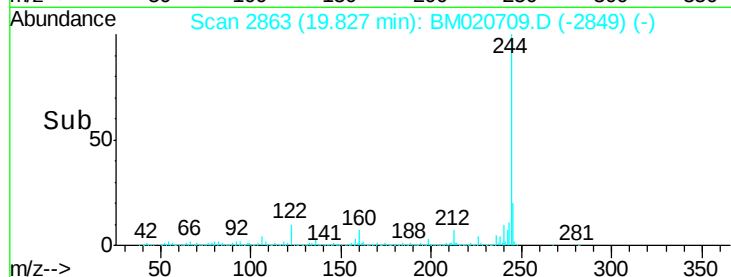
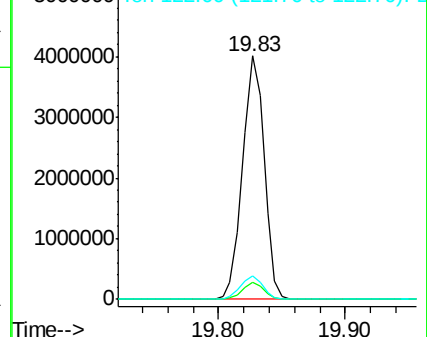
122 9.8 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.476 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

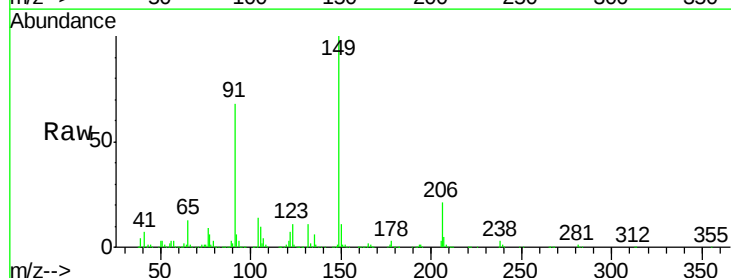
Tgt Ion:149 Resp: 1260148

Ion Ratio Lower Upper

149 100

91 68.1 59.6 89.4

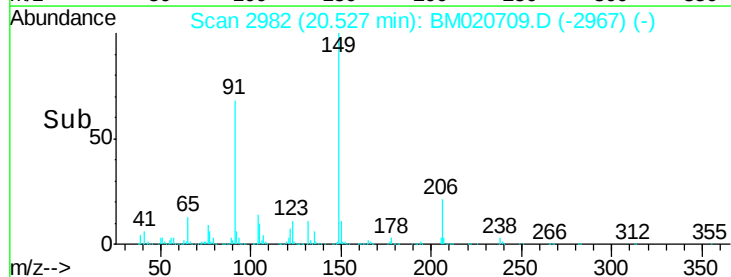
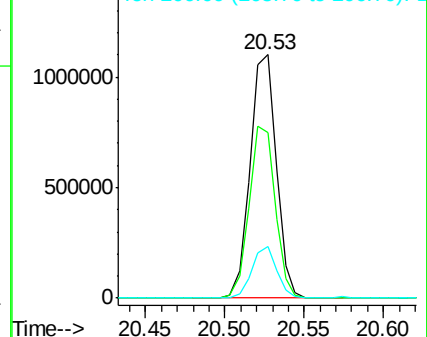
206 21.3 15.7 23.5

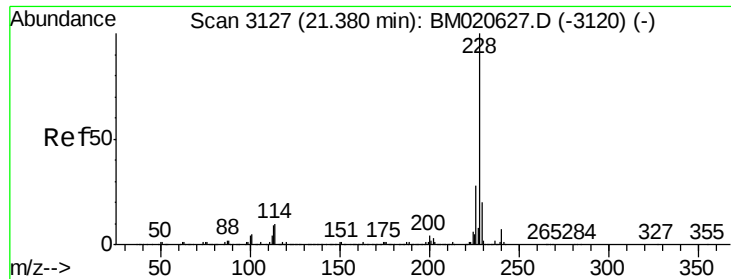


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

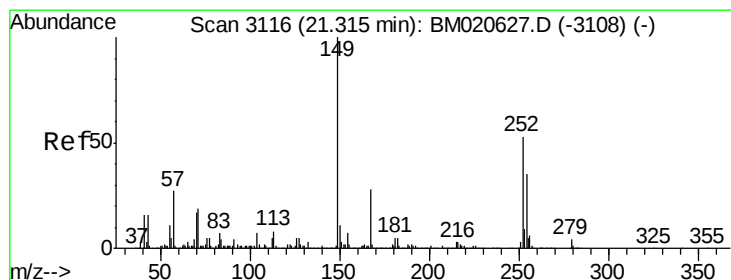
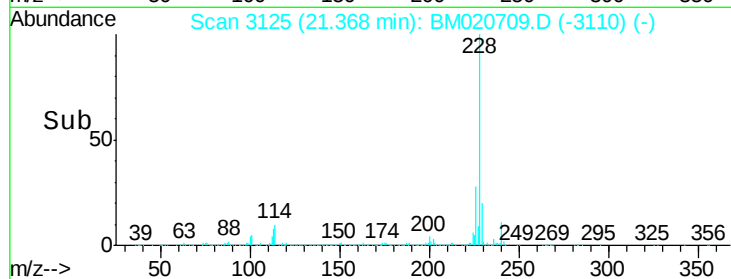
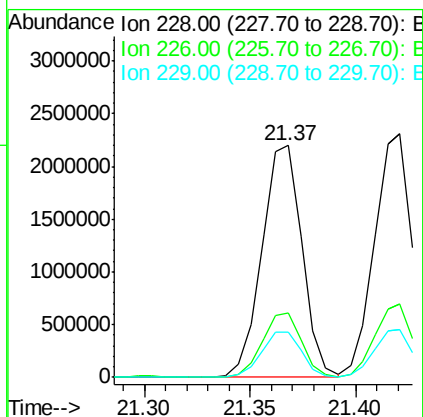
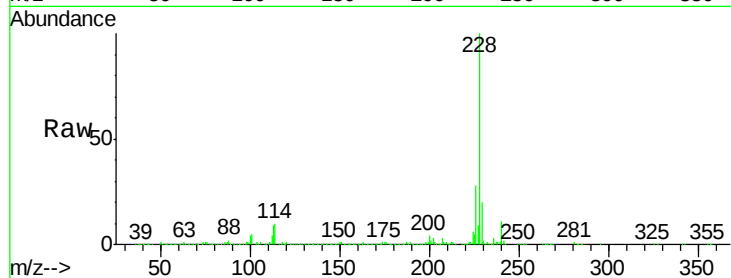




#81
Benzo(a)anthracene
Concen: 41.404 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

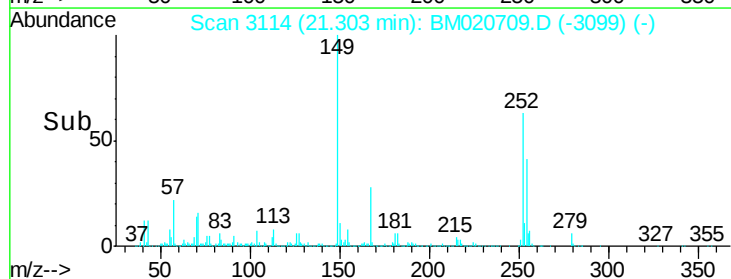
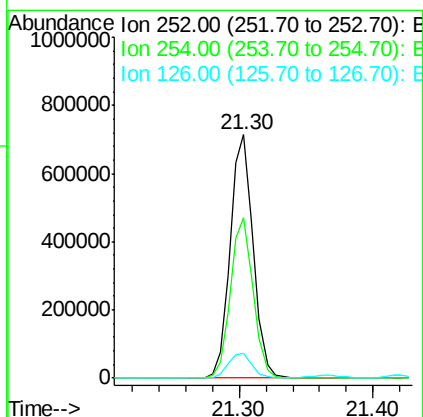
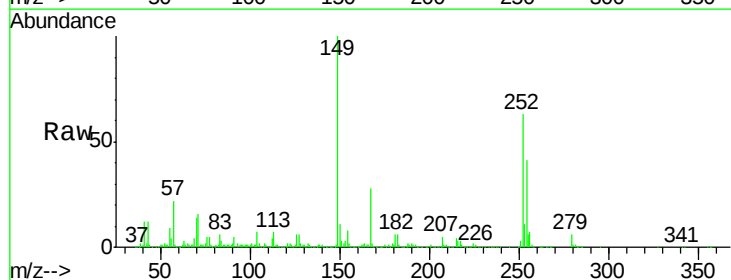
Instrument :
BNA_M
ClientSampleId :
PB120137BS

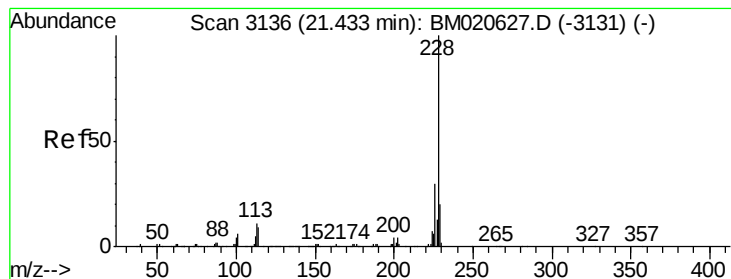
Tgt Ion:228 Resp: 2911939
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 19.6 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.520 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:252 Resp: 863267
Ion Ratio Lower Upper
252 100
254 66.1 52.6 78.8
126 10.1 8.0 12.0





#83

Chrysene

Concen: 43.066 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

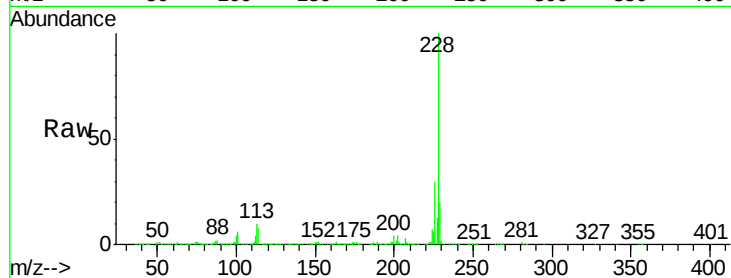
Tgt Ion:228 Resp: 2879060

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

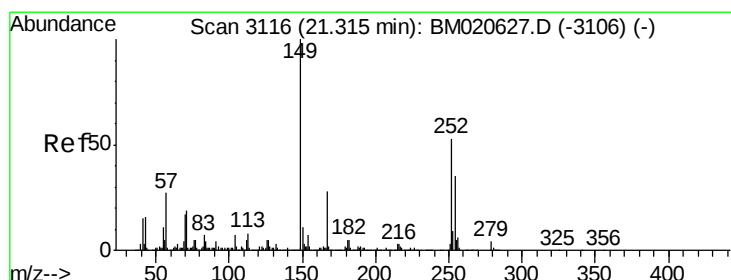
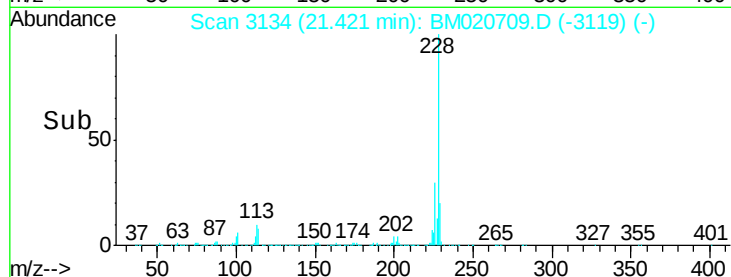
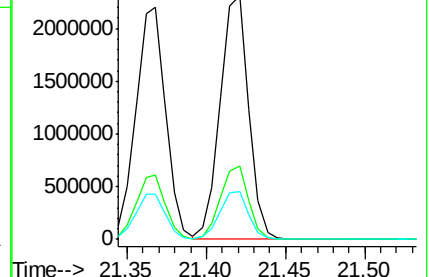
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.253 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

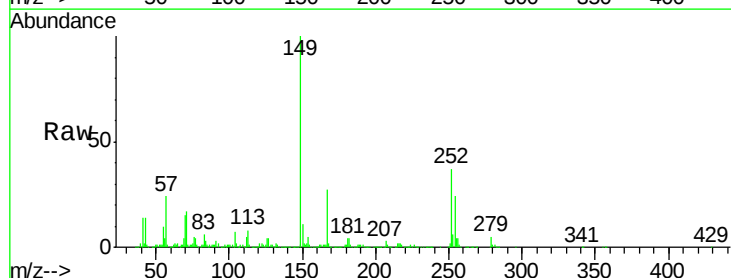
Tgt Ion:149 Resp: 1773266

Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

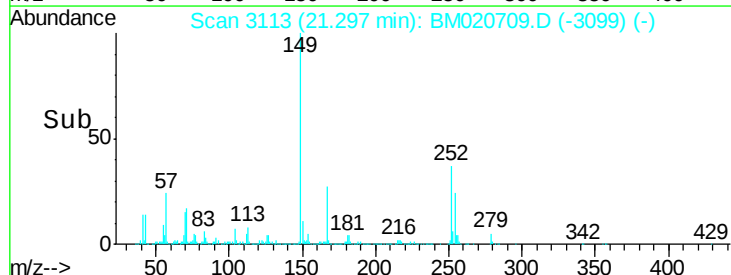
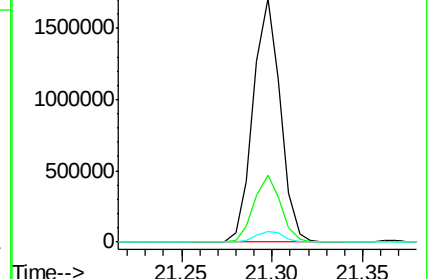
279 4.6 3.4 5.0

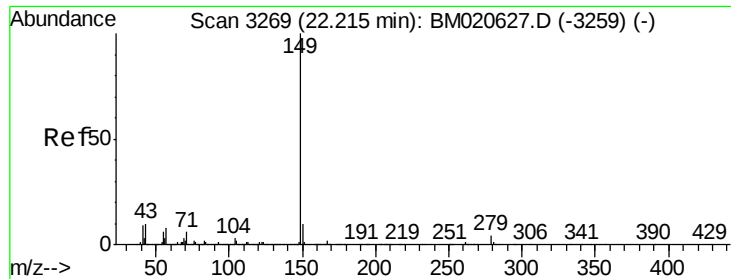


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.063 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

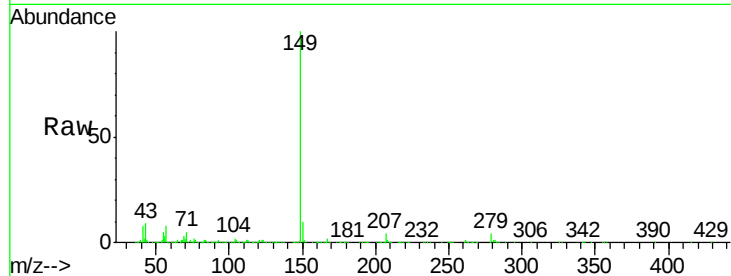
Tgt Ion:149 Resp: 2952076

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

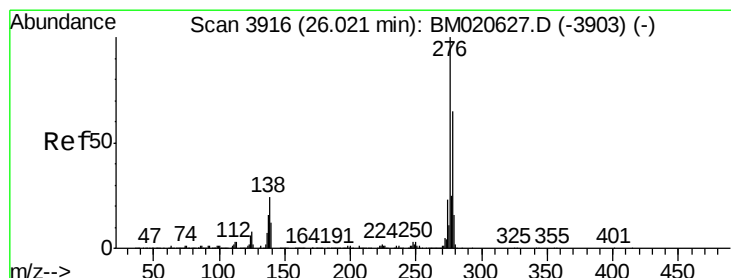
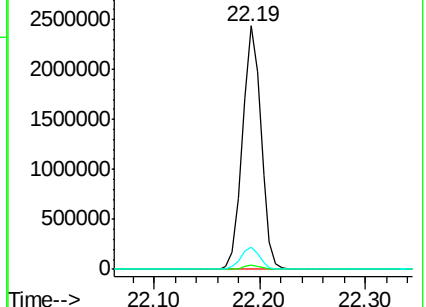
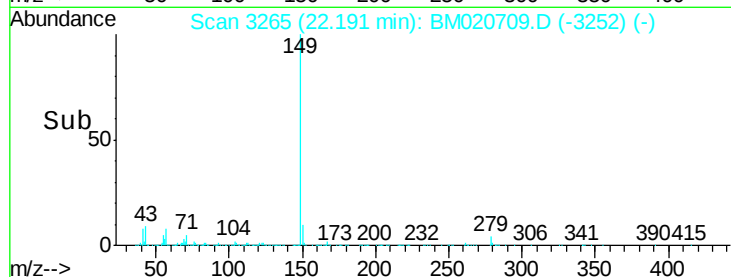
43 9.2 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.612 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

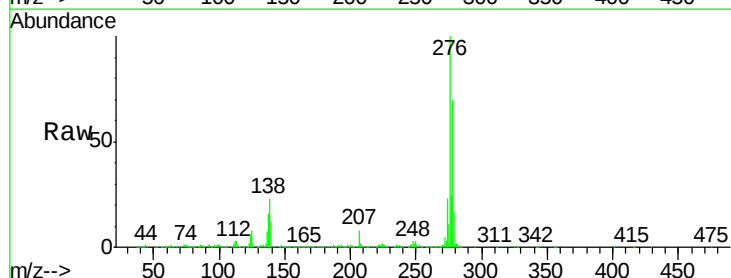
Tgt Ion:276 Resp: 4077042

Ion Ratio Lower Upper

276 100

138 23.8 19.8 29.8

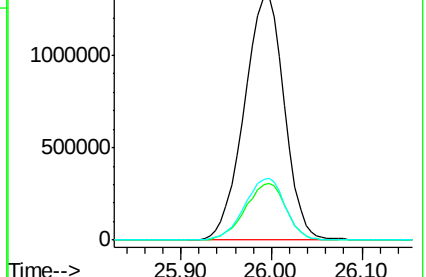
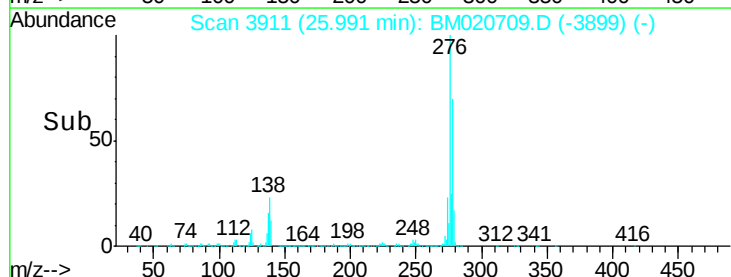
277 25.6 20.2 30.4

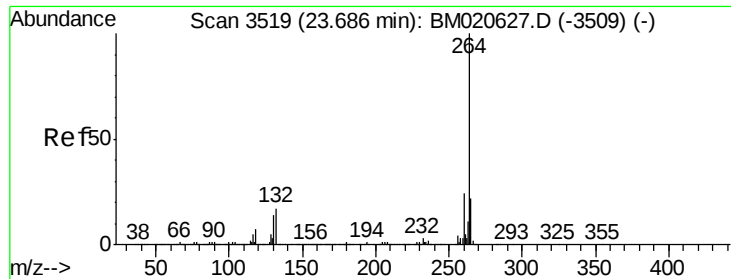


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

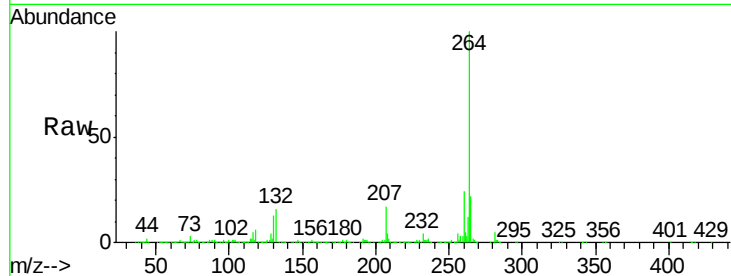
Tgt Ion:264 Resp: 1180340

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

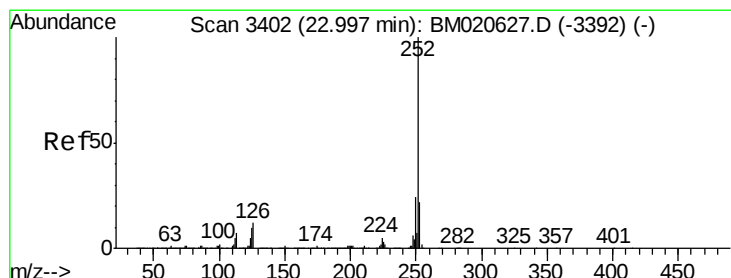
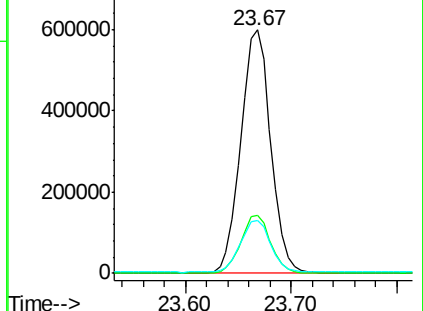
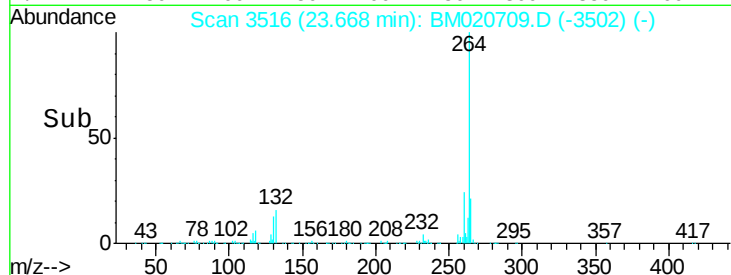
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.482 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

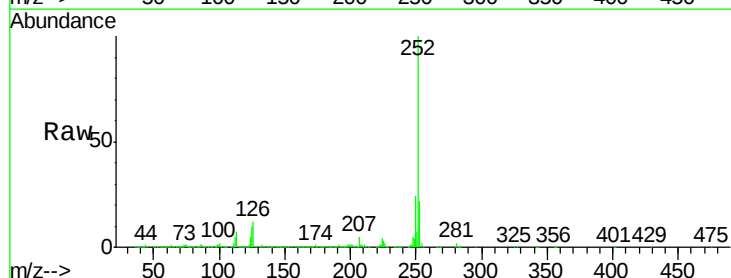
Tgt Ion:252 Resp: 3236198

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

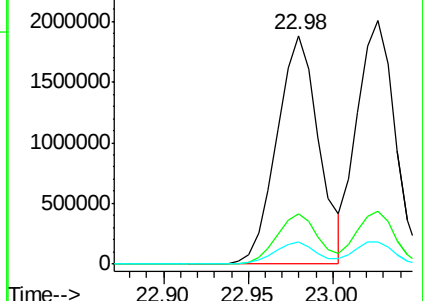
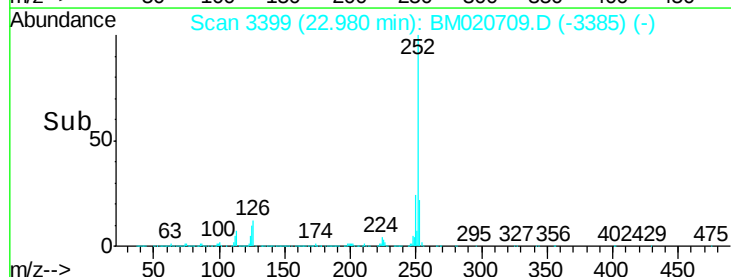
125 9.6 7.8 11.8

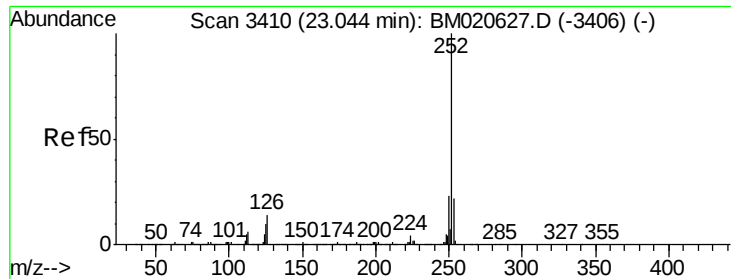


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.921 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

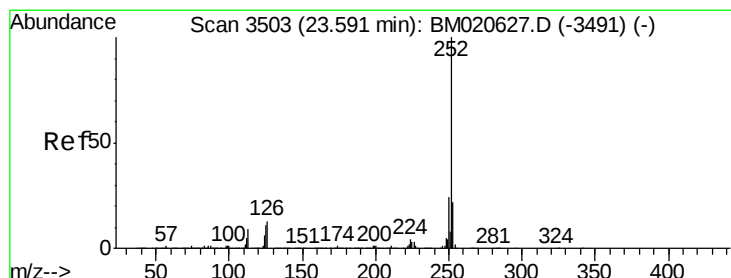
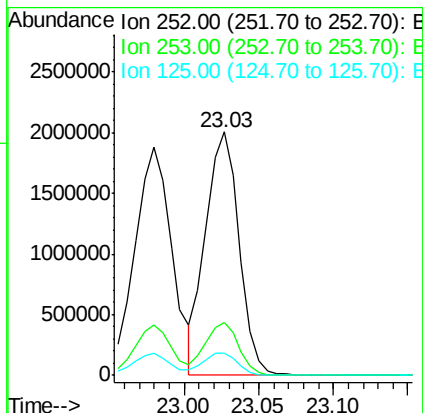
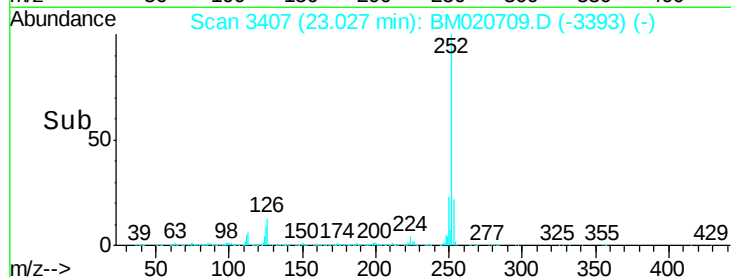
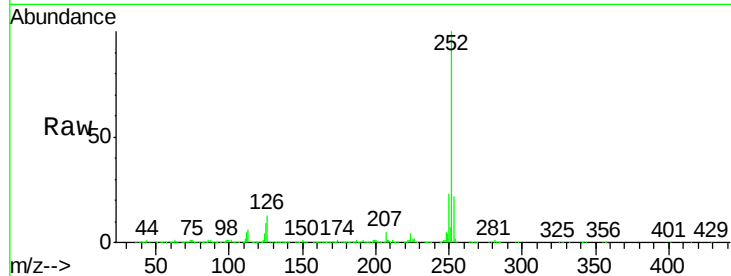
Tgt Ion:252 Resp: 3119736

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 9.1 7.8 11.8



#90

Benzo(a)pyrene

Concen: 44.696 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

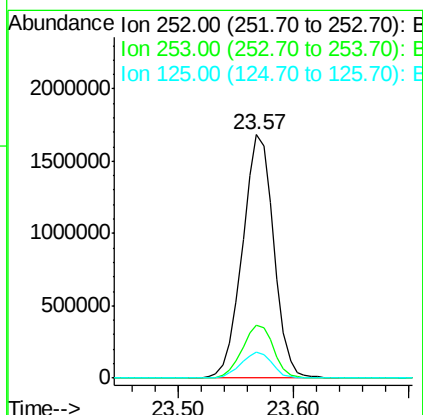
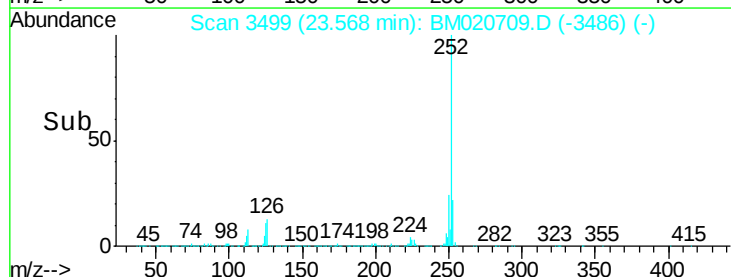
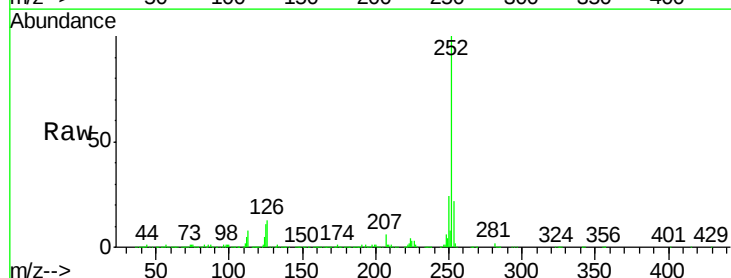
Tgt Ion:252 Resp: 3162803

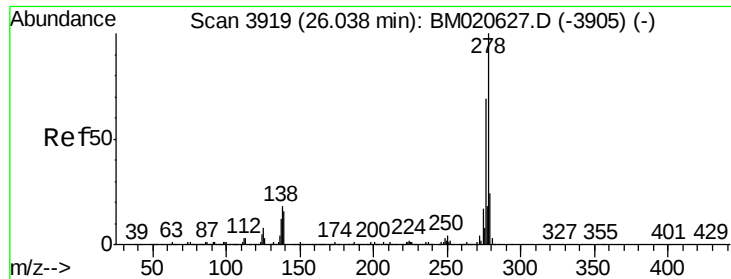
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.6 8.6 13.0

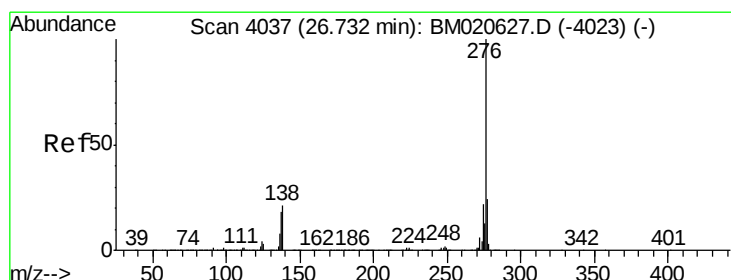
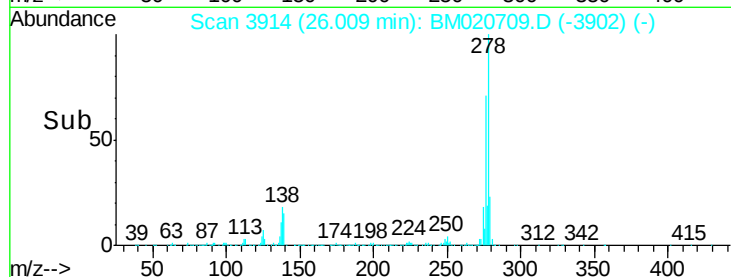
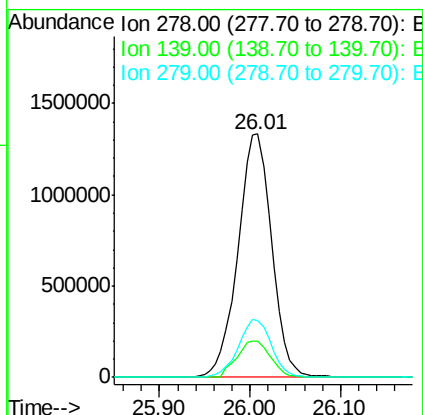
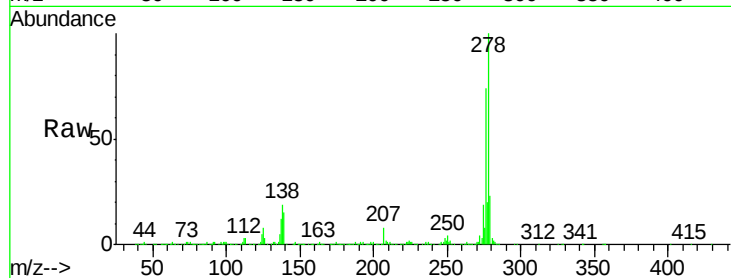




#91
Dibenzo(a,h)anthracene
Concen: 50.076 ng
RT: 26.01 min Scan# 3914
Delta R.T. -0.03 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion: 278 Resp: 3437795
Ion Ratio Lower Upper
278 100
139 14.6 12.6 18.8
279 23.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 52.132 ng
RT: 26.71 min Scan# 4033
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion: 276 Resp: 3324301
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 20.5 17.0 25.4

