

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
 Data File : BM019291.D
 Acq On : 21 Mar 2019 15:30
 Operator : JU/SJ
 Sample : PB118124BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118124BS

Quant Time: Mar 22 04:42:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	182389	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	834324	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	495525	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1091936	20.00	ng	-0.03
76) Chrysene-d12	21.25	240	980176	20.00	ng	-0.02
87) Perylene-d12	23.47	264	801643	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1686352	149.74	ng	-0.02
7) Phenol-d6	6.82	99	2382818	144.65	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1322112	74.91	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	975420	133.32	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	2822942	74.10	ng	-0.04
79) Terphenyl-d14	19.69	244	4329991	87.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	177195	35.368	ng	98
3) Pyridine	3.59	79	380949	27.948	ng	99
4) n-Nitrosodimethylamine	3.52	42	129868	30.648	ng	99
6) Aniline	6.98	93	692022	32.538	ng	98
8) 2-Chlorophenol	7.20	128	589236	43.538	ng	97
9) Benzaldehyde	6.79	77	268075	25.871	ng	98
10) Phenol	6.85	94	800610	45.096	ng	97
11) bis(2-Chloroethyl)ether	7.07	93	526969	38.899	ng	96
12) 1,3-Dichlorobenzene	7.52	146	518227	36.183	ng	98
13) 1,4-Dichlorobenzene	7.66	146	549187	37.611	ng	99
14) 1,2-Dichlorobenzene	7.97	146	544117	38.301	ng	98
15) Benzyl Alcohol	7.89	79	513975	37.698	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.16	45	473313	34.217	ng	98
17) 2-Methylphenol	8.08	107	474015	40.973	ng	97
18) Hexachloroethane	8.69	117	191115	35.223	ng	94
19) n-Nitroso-di-n-propylamine	8.45	70	454664	33.642	ng	96
20) 3+4-Methylphenols	8.41	107	646189	41.149	ng	99
22) Acetophenone	8.46	105	780168	33.836	ng	# 98
24) Nitrobenzene	8.85	77	698884	38.073	ng	98
25) Isophorone	9.36	82	1213504	36.031	ng	99
26) 2-Nitrophenol	9.55	139	294357	38.686	ng	92
27) 2,4-Dimethylphenol	9.60	122	498140	44.037	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	749551	37.586	ng	99
29) 2,4-Dichlorophenol	10.07	162	576814	46.042	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	576122	40.783	ng	99
31) Naphthalene	10.46	128	1719508	39.102	ng	100
32) Benzoic acid	9.79	122	317387	33.130	ng	99
33) 4-Chloroaniline	10.60	127	439584	24.385	ng	98
34) Hexachlorobutadiene	10.72	225	316219	39.007	ng	99
35) Caprolactam	11.42	113	88775	19.892	ng	93
36) 4-Chloro-3-methylphenol	11.72	107	622677	40.282	ng	97
37) 2-Methylnaphthalene	12.09	142	1201920	37.612	ng	98
38) 1-Methylnaphthalene	12.31	142	1214387	38.555	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	649544	41.439	ng	98

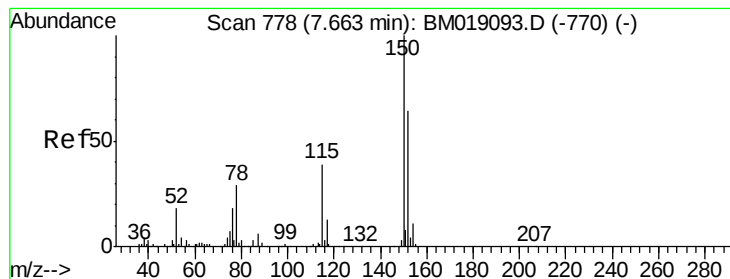
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	579270	81.587	ng	98
43) 2,4,6-Trichlorophenol	12.71	196	431414	42.589	ng	97
44) 2,4,5-Trichlorophenol	12.78	196	458017	42.284	ng	97
46) 1,1'-Biphenyl	13.12	154	1595175	36.861	ng	98
47) 2-Chloronaphthalene	13.16	162	1270850	39.343	ng	98
48) 2-Nitroaniline	13.39	65	399956	36.920	ng	93
49) Acenaphthylene	14.01	152	2132317	39.041	ng	100
50) Dimethylphthalate	13.76	163	1668881	39.370	ng	99
51) 2,6-Dinitrotoluene	13.89	165	373146	40.721	ng	93
52) Acenaphthene	14.35	154	1243142	39.611	ng	99
53) 3-Nitroaniline	14.23	138	254480	26.221	ng	92
54) 2,4-Dinitrophenol	14.44	184	402808	75.692	ng	89
55) Dibenzofuran	14.69	168	2021131	39.934	ng	98
56) 4-Nitrophenol	14.54	139	569896	71.920	ng	93
57) 2,4-Dinitrotoluene	14.68	165	519732	39.073	ng	97
58) Fluorene	15.34	166	1518319	36.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	430358	42.677	ng	96
60) Diethylphthalate	15.13	149	1642942	38.269	ng	98
61) 4-Chlorophenyl-phenylether	15.34	204	778724	38.433	ng	95
62) 4-Nitroaniline	15.40	138	307701	31.460	ng	94
63) Azobenzene	15.63	77	1549477	34.298	ng	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	248647	34.750	ng	92
66) n-Nitrosodiphenylamine	15.56	169	1336811	38.454	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	500235	41.543	ng	93
68) Hexachlorobenzene	16.34	284	596364	41.658	ng	95
69) Atrazine	16.52	200	459541	39.270	ng	100
70) Pentachlorophenol	16.69	266	674587	78.212	ng	99
71) Phenanthrene	17.09	178	2515943	39.310	ng	99
72) Anthracene	17.18	178	2488932	39.724	ng	100
73) Carbazole	17.46	167	2121790	35.880	ng	98
74) Di-n-butylphthalate	18.01	149	2845528	39.792	ng	100
75) Fluoranthene	19.11	202	2739220	37.299	ng	99
77) Benzidine	19.32	184	1078591	38.800	ng	100
78) Pyrene	19.48	202	2608015	42.053	ng	99
80) Butylbenzylphthalate	20.39	149	1240054	45.908	ng	96
81) Benzo(a)anthracene	21.23	228	2398339	39.002	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	757718	31.986	ng	98
83) Chrysene	21.29	228	2294737	38.573	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1824336	46.423	ng	# 98
85) Di-n-octyl phthalate	22.03	149	2759425	41.700	ng	98
86) Indeno(1,2,3-cd)pyrene	25.73	276	2402580	37.517	ng	98
88) Benzo(b)fluoranthene	22.80	252	2141896	41.234	ng	100
89) Benzo(k)fluoranthene	22.85	252	2123327	44.442	ng	99
90) Benzo(a)pyrene	23.38	252	2115468	45.318	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	2080969	46.601	ng	99
92) Benzo(g,h,i)perylene	26.42	276	2122059	51.761	ng	99

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

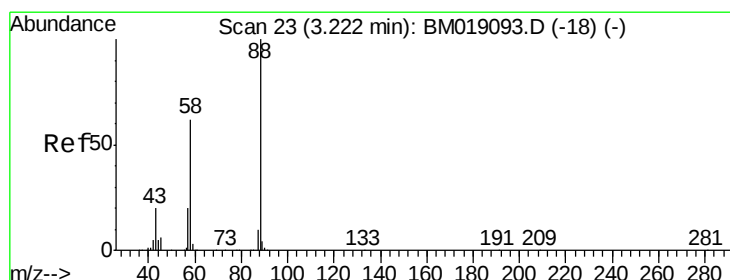
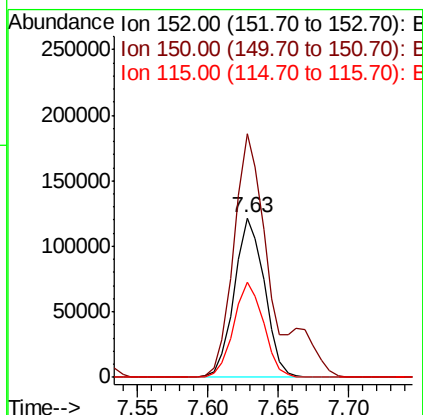
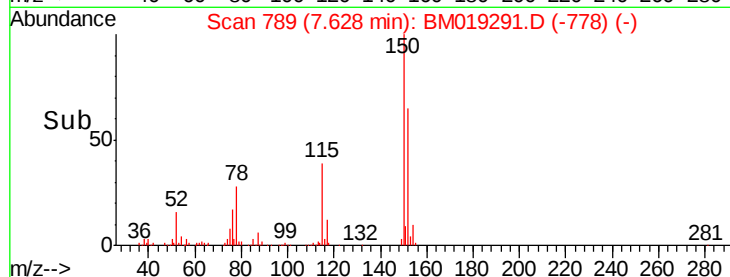
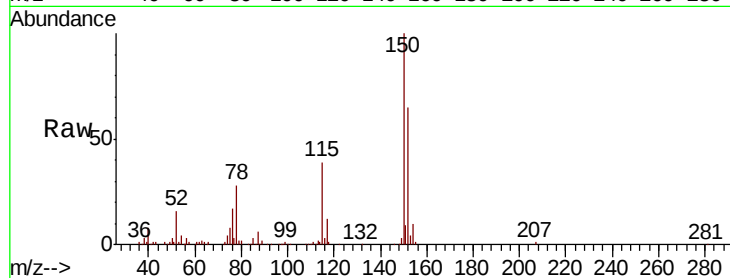


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Instrument :
BNA_M
ClientSampleId :
PB118124BS

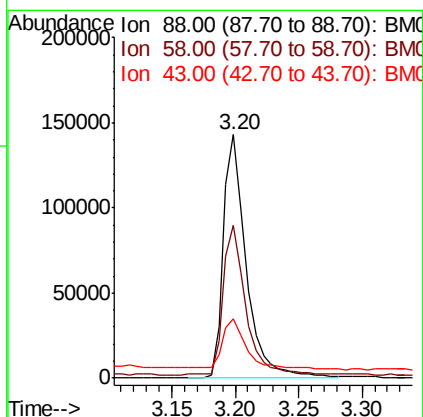
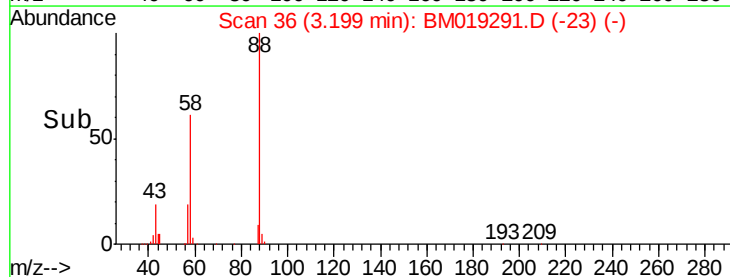
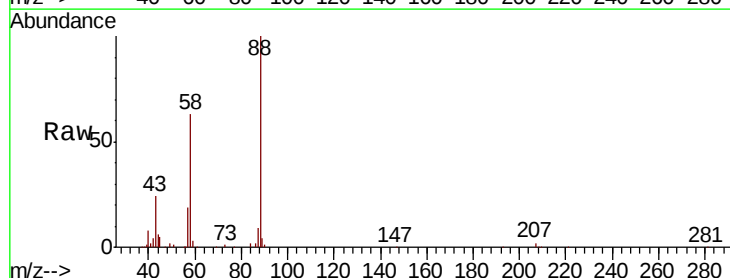
Tgt Ion: 152 Resp: 182389
Ion Ratio Lower Upper
152 100
150 153.0 125.3 187.9
115 59.5 49.4 74.0



#2

1,4-Dioxane
Concen: 35.368 ng
RT: 3.20 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion: 88 Resp: 177195
Ion Ratio Lower Upper
88 100
58 60.8 50.0 75.0
43 22.2 17.0 25.4





#3

Pyridine

Concen: 27.948 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

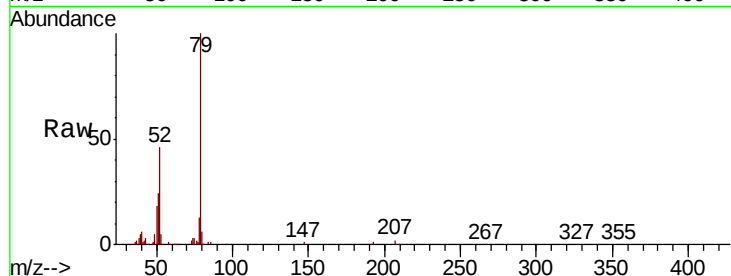
Tgt Ion: 79 Resp: 380949

Ion Ratio Lower Upper

79 100

52 46.1 37.5 56.3

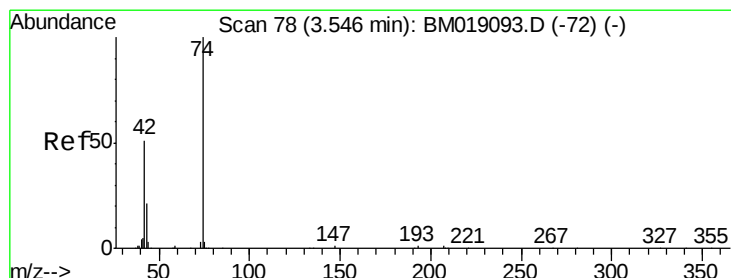
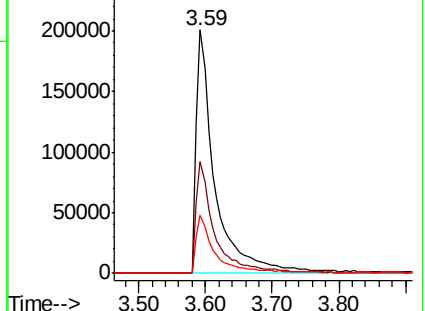
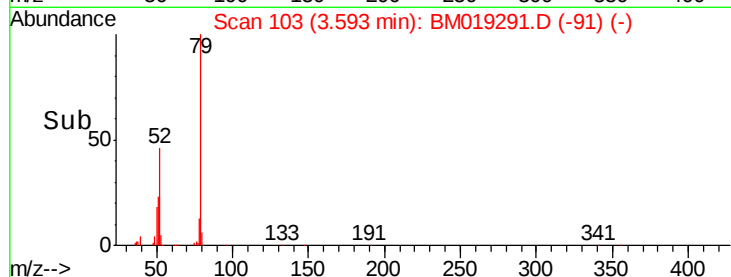
51 23.7 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019291.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM019291.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM019291.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 30.648 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

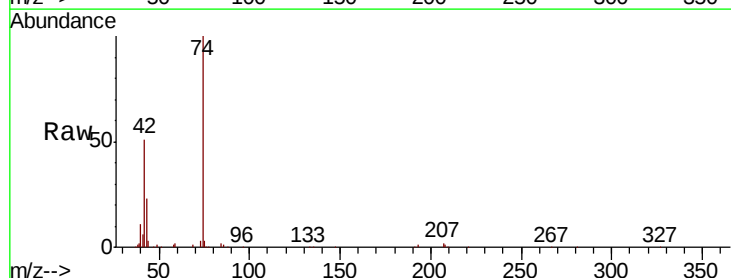
Tgt Ion: 42 Resp: 129868

Ion Ratio Lower Upper

42 100

74 196.6 156.3 234.5

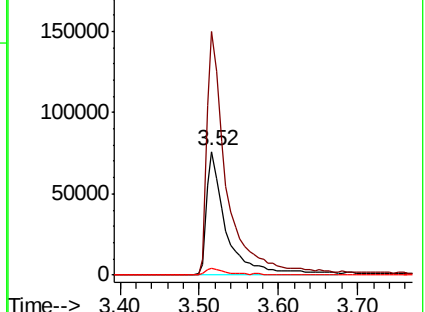
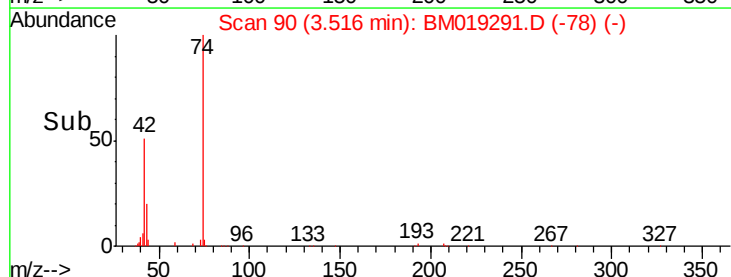
44 5.2 4.6 7.0

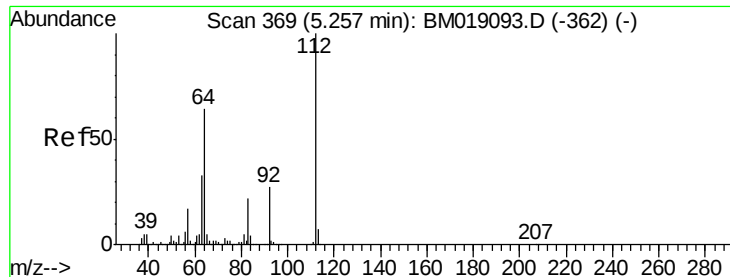


Abundance Ion 42.00 (41.70 to 42.70): BM019291.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM019291.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM019291.D (-78) (-)





#5

2-Fluorophenol

Concen: 149.735 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

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ClientSampleId :

PB118124BS

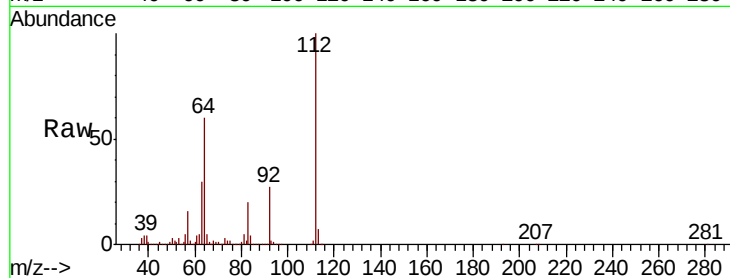
Tgt Ion: 112 Resp: 1686352

Ion Ratio Lower Upper

112 100

64 60.4 51.4 77.0

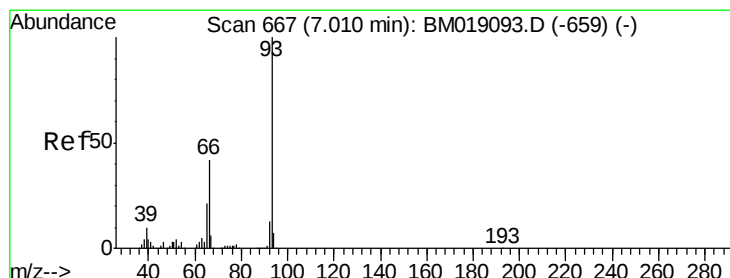
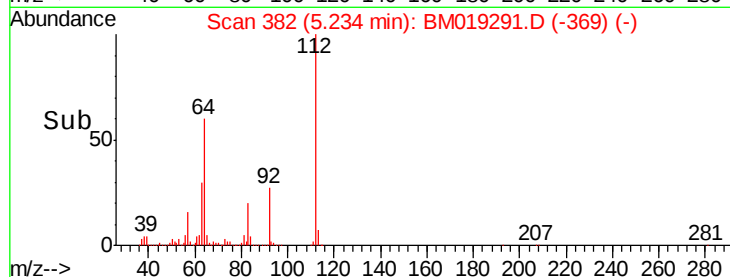
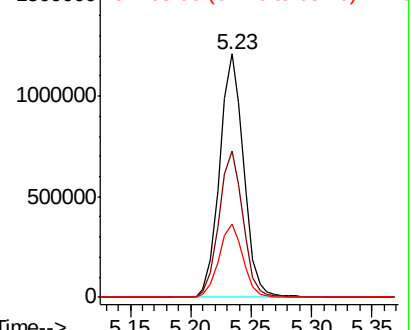
63 30.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 32.538 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

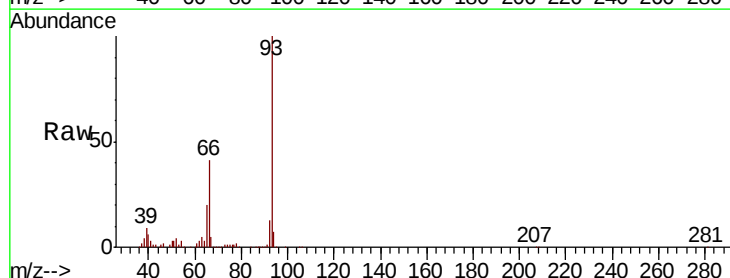
Tgt Ion: 93 Resp: 692022

Ion Ratio Lower Upper

93 100

66 41.2 33.4 50.2

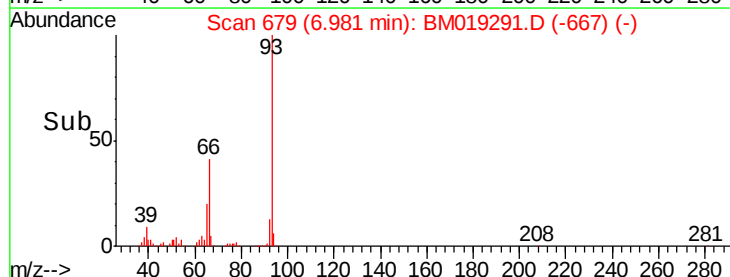
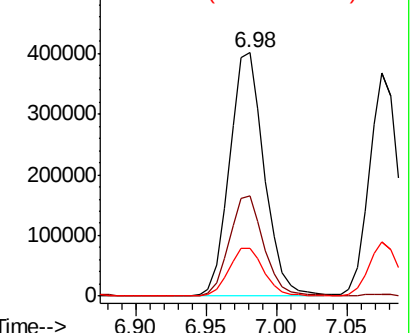
65 19.8 16.8 25.2

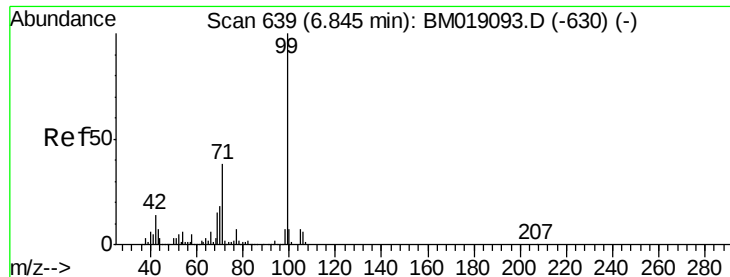


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 144.647 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

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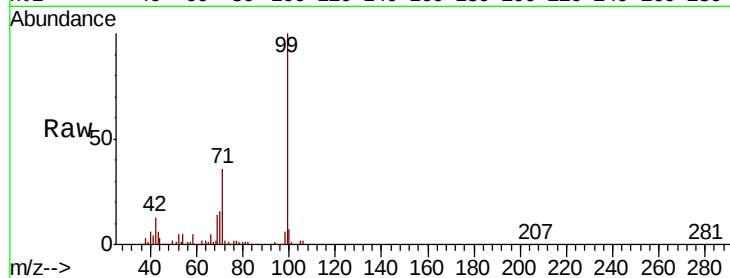
Tgt Ion: 99 Resp: 2382818

Ion Ratio Lower Upper

99 100

42 13.0 10.9 16.3

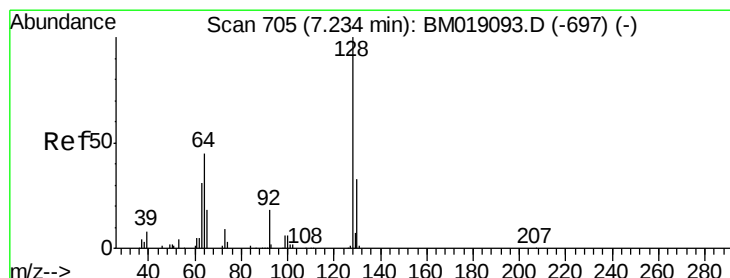
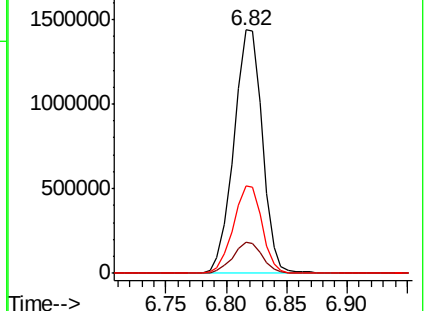
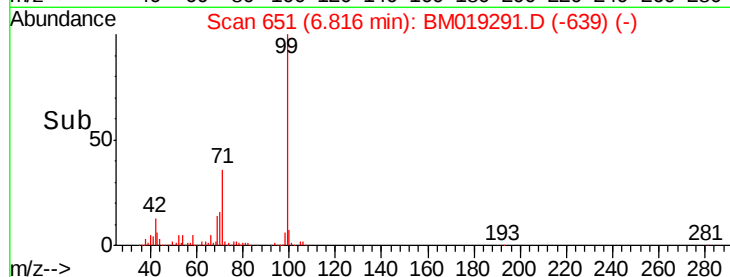
71 35.7 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019291.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019291.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019291.D (-639) (-)



#8

2-Chlorophenol

Concen: 43.538 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

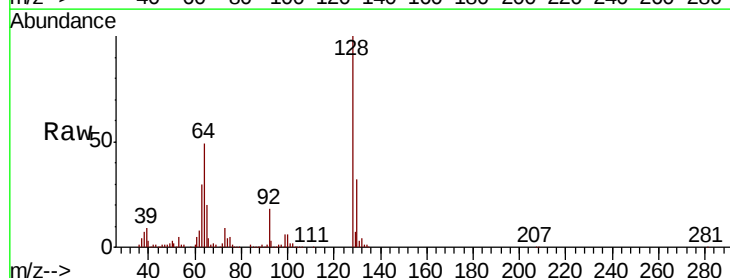
Tgt Ion: 128 Resp: 589236

Ion Ratio Lower Upper

128 100

130 31.7 12.8 52.8

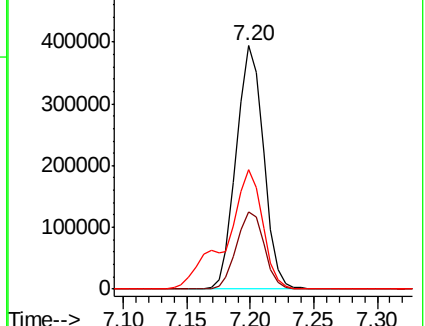
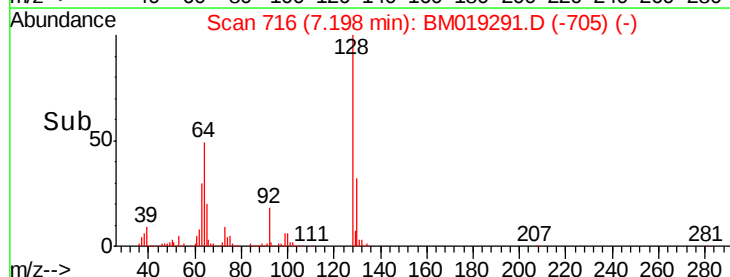
64 48.8 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): BM019291.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019291.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019291.D (-705) (-)





#9

Benzaldehyde

Concen: 25.871 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

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ClientSampleId :

PB118124BS

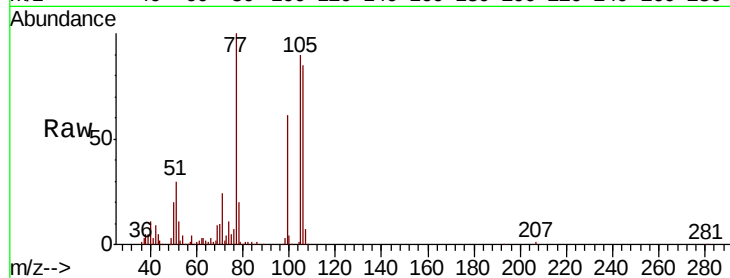
Tgt Ion: 77 Resp: 268075

Ion Ratio Lower Upper

77 100

105 90.3 67.7 107.7

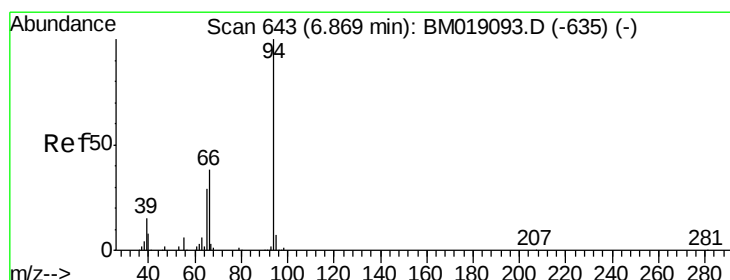
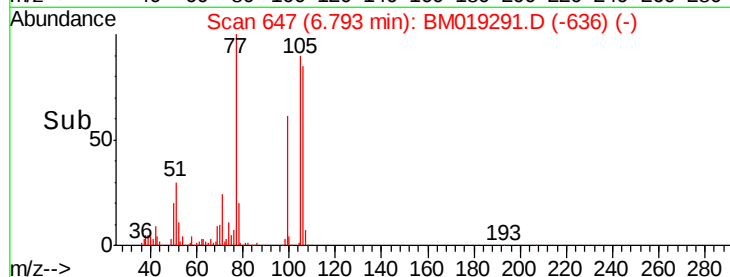
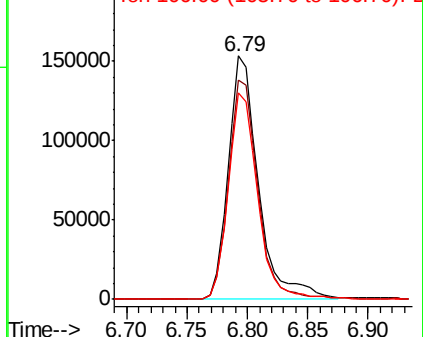
106 84.8 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019291.D (-647) (-)

Ion 105.00 (104.70 to 105.70): BM019291.D (-647) (-)

Ion 106.00 (105.70 to 106.70): BM019291.D (-647) (-)



#10

Phenol

Concen: 45.096 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

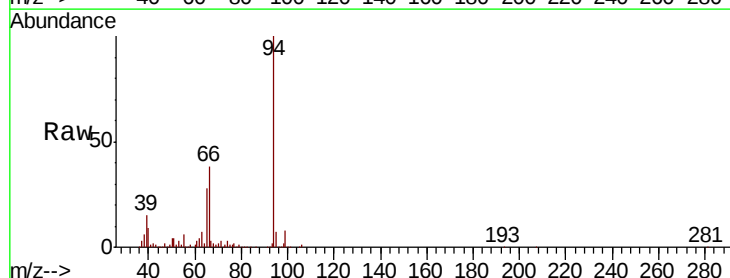
Tgt Ion: 94 Resp: 800610

Ion Ratio Lower Upper

94 100

65 27.8 9.7 49.7

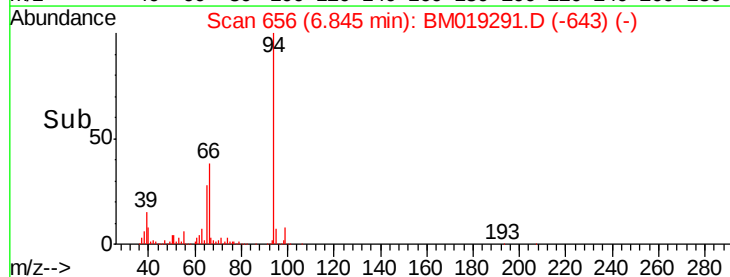
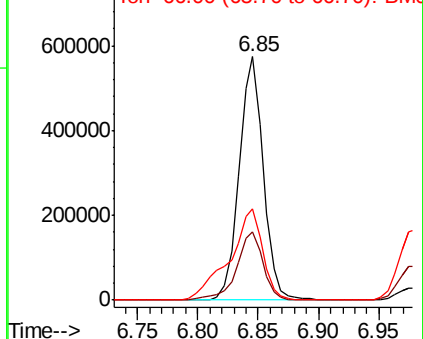
66 37.7 19.2 59.2

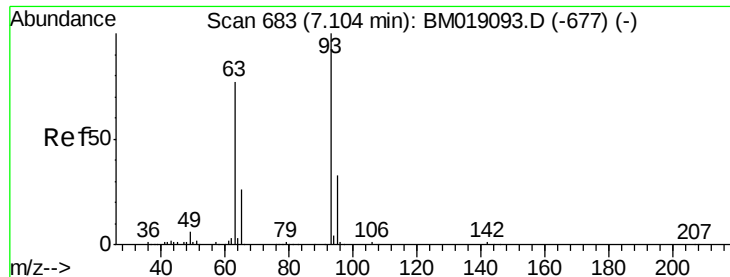


Abundance Ion 94.00 (93.70 to 94.70): BM019291.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BM019291.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BM019291.D (-656) (-)

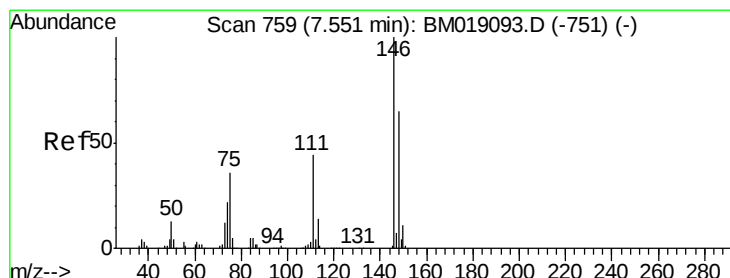
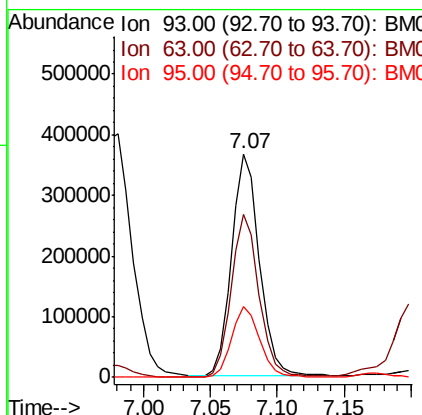
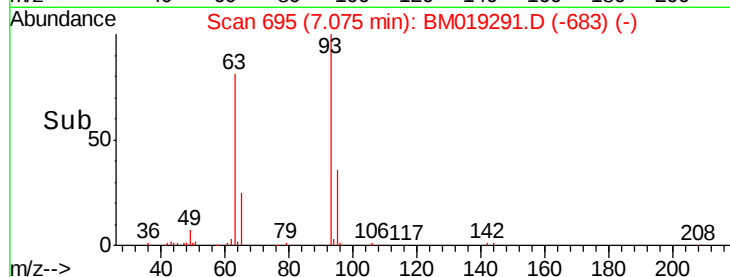
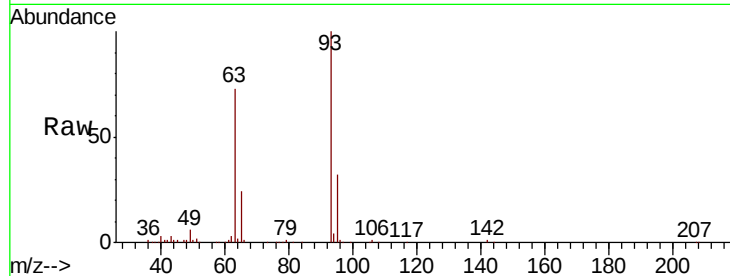




#11
bis(2-Chloroethyl)ether
Concen: 38.899 ng
RT: 7.07 min Scan# 695
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

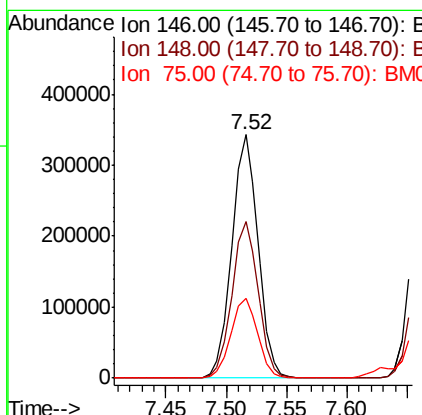
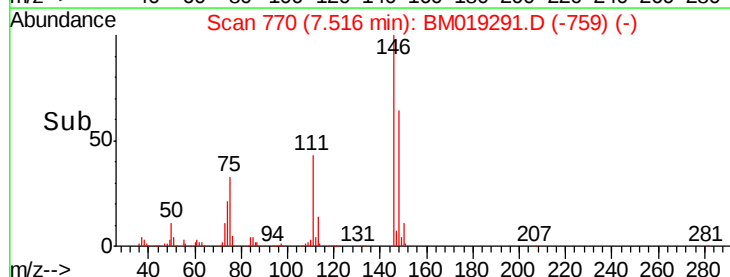
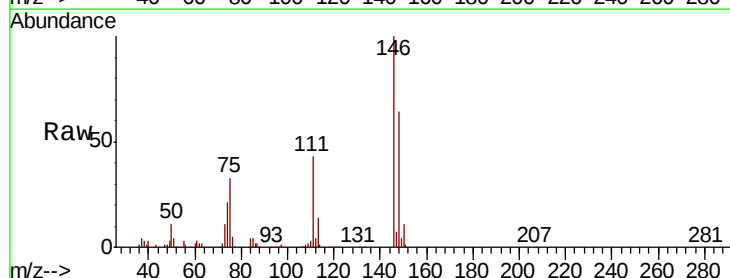
Instrument :
BNA_M
ClientSampleId :
PB118124BS

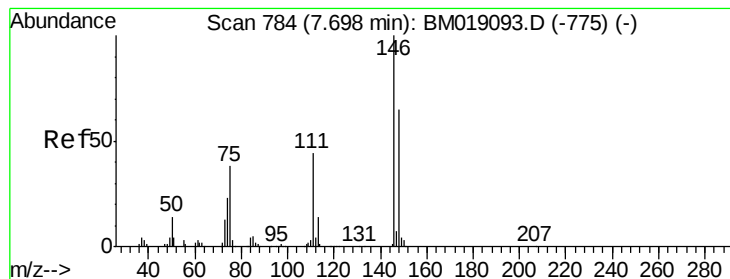
Tgt Ion: 93 Resp: 526969
Ion Ratio Lower Upper
93 100
63 73.0 56.6 96.6
95 31.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 36.183 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion: 146 Resp: 518227
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
75 32.8 29.1 43.7





#13

1,4-Dichlorobenzene

Concen: 37.611 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

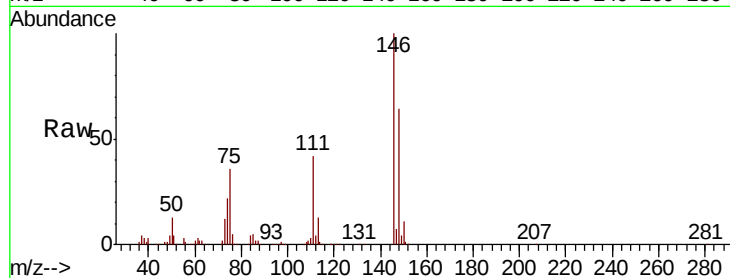
Tgt Ion:146 Resp: 549187

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

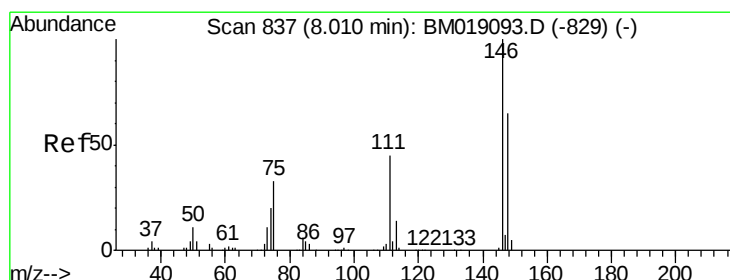
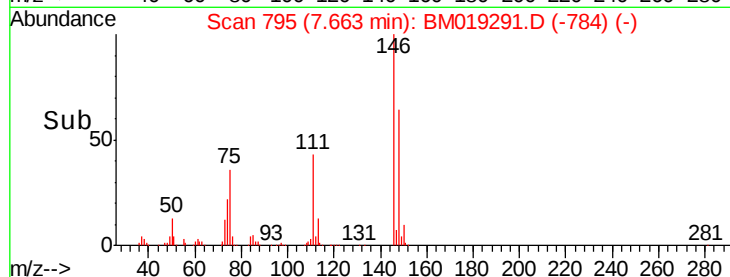
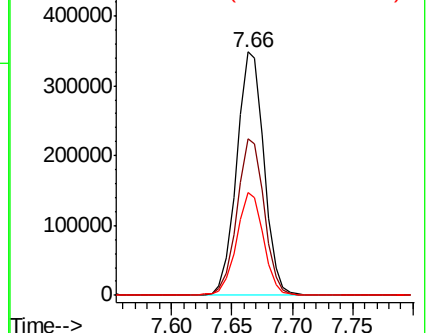
111 42.5 35.4 53.0



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: 38.301 ng

RT: 7.97 min Scan# 848

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

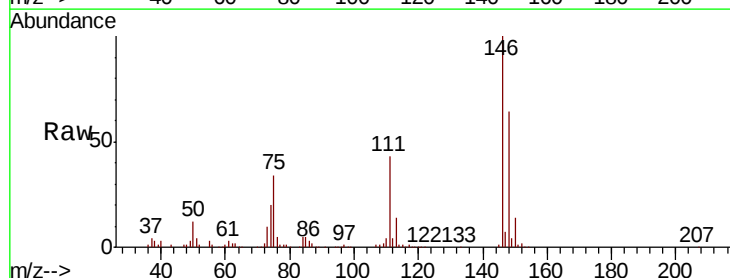
Tgt Ion:146 Resp: 544117

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

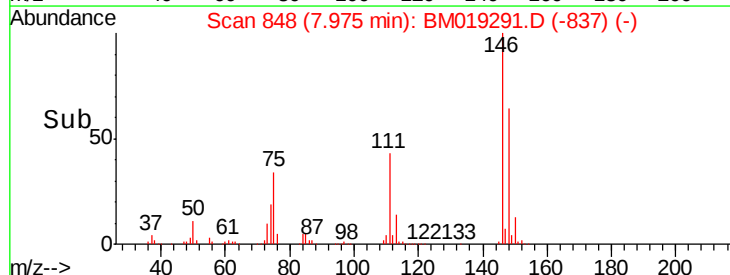
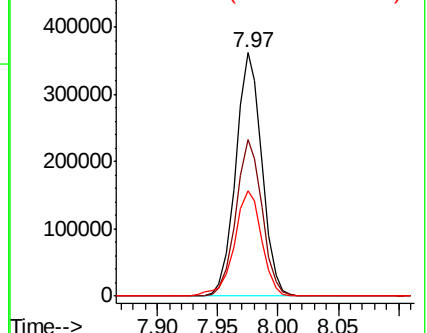
111 43.2 36.2 54.4

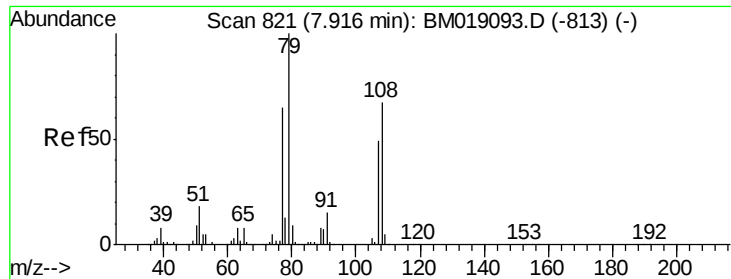


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.698 ng

RT: 7.89 min Scan# 833

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

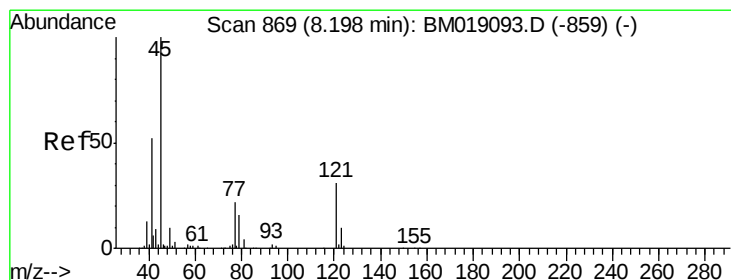
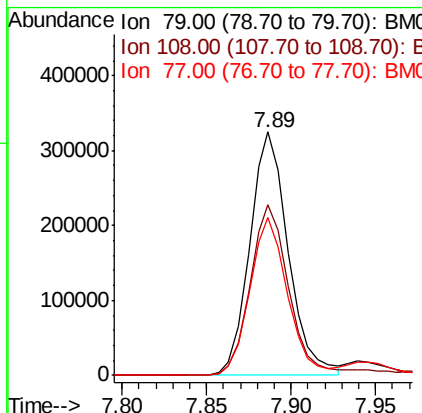
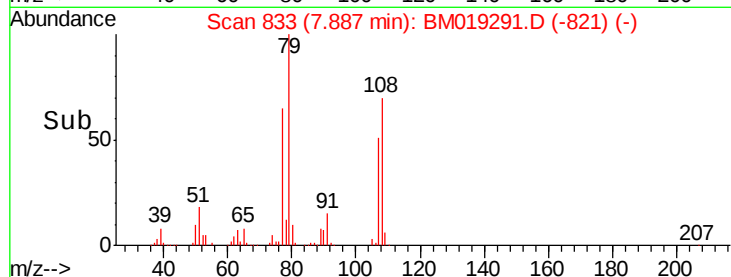
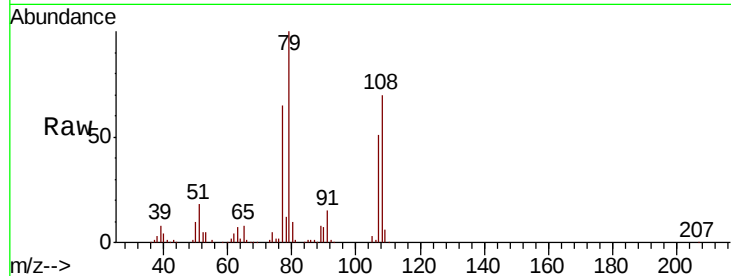
Tgt Ion: 79 Resp: 513975

Ion Ratio Lower Upper

79 100

108 70.0 53.7 80.5

77 64.8 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.217 ng

RT: 8.16 min Scan# 880

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

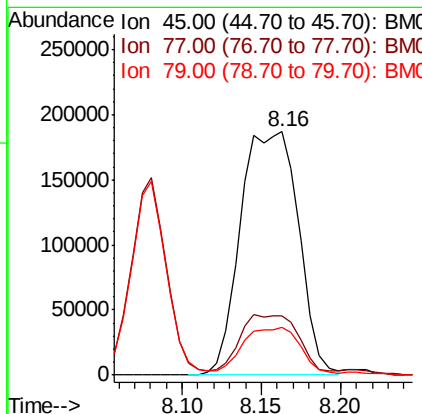
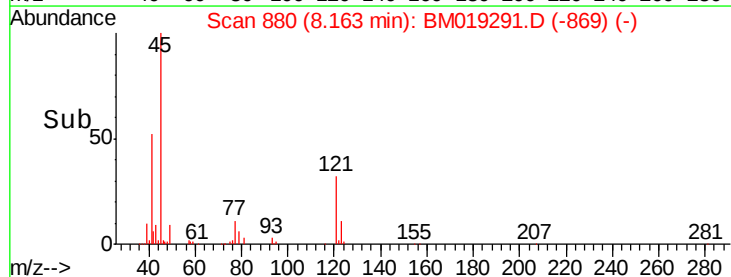
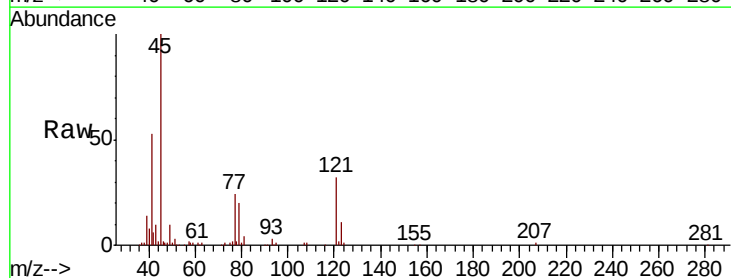
Tgt Ion: 45 Resp: 473313

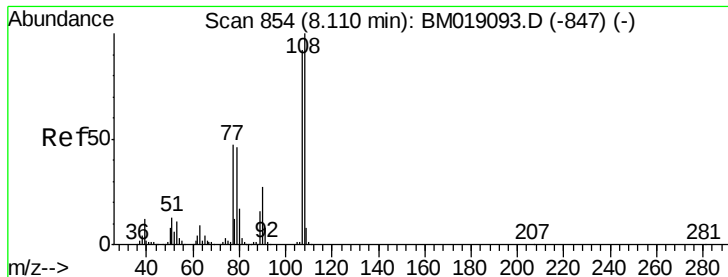
Ion Ratio Lower Upper

45 100

77 24.5 4.1 44.1

79 19.8 0.0 38.1

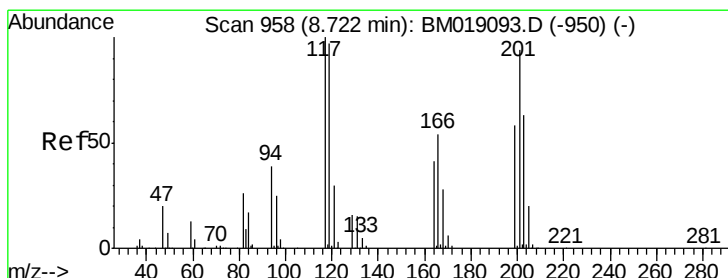
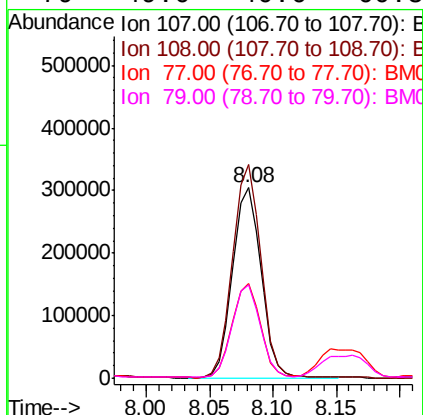
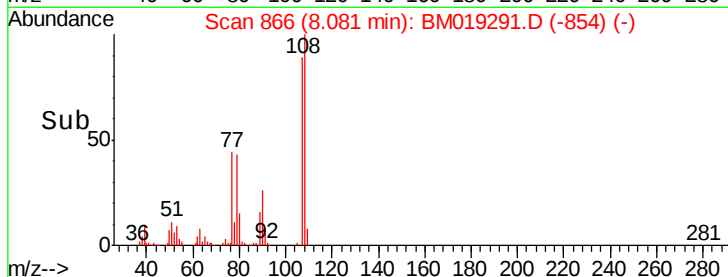
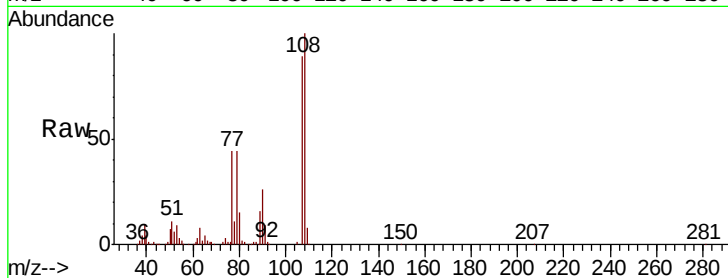




#17
2-Methylphenol
Concen: 40.973 ng
RT: 8.08 min Scan# 866
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

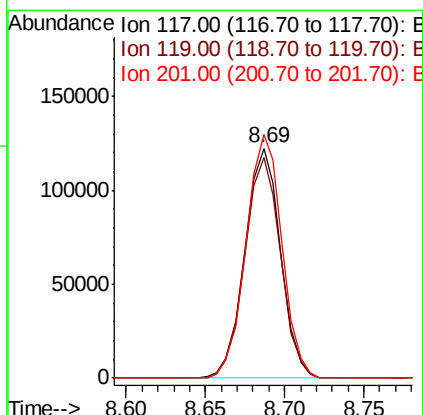
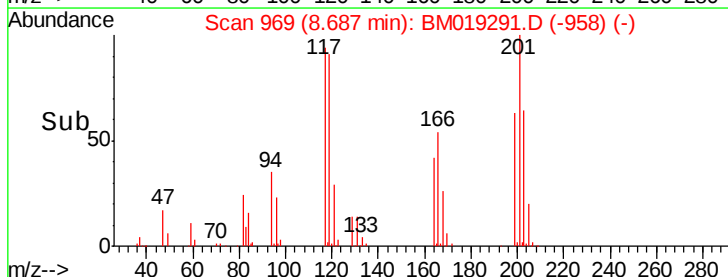
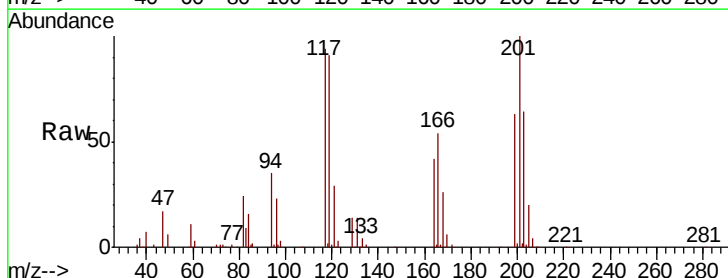
Instrument :
BNA_M
ClientSampleId :
PB118124BS

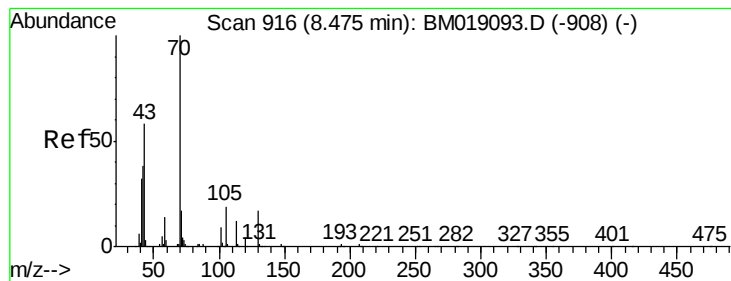
Tgt Ion:	107	Resp:	474015
Ion	Ratio	Lower	Upper
107	100		
108	112.1	87.4	131.2
77	49.9	41.6	62.4
79	49.0	40.6	60.8



#18
Hexachloroethane
Concen: 35.223 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:	117	Resp:	191115
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	106.0	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 33.642 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

Tgt Ion: 70 Resp: 454664

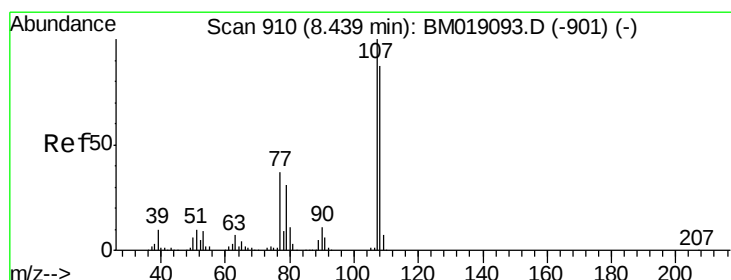
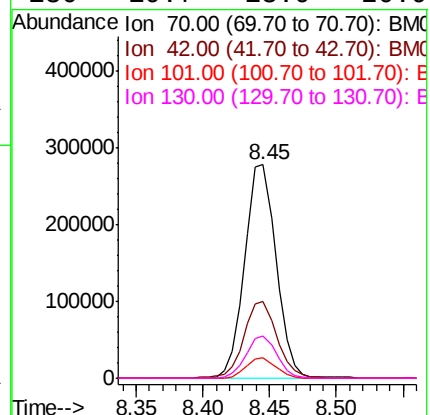
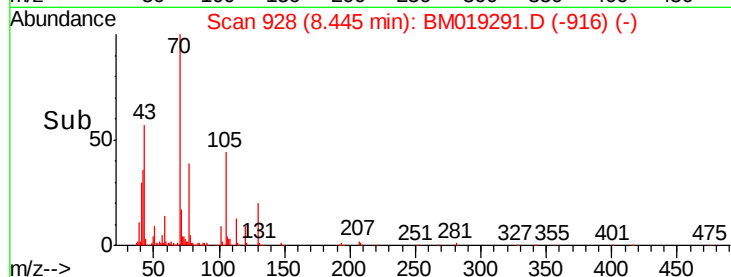
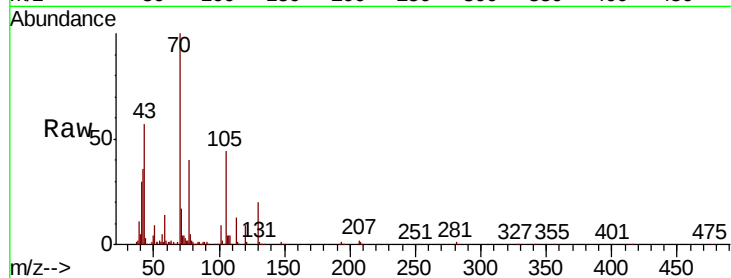
Ion Ratio Lower Upper

70 100

42 35.7 30.6 45.8

101 9.3 6.8 10.2

130 19.7 13.9 20.9



#20

3+4-Methylphenols

Concen: 41.149 ng

RT: 8.41 min Scan# 922

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Tgt Ion: 107 Resp: 646189

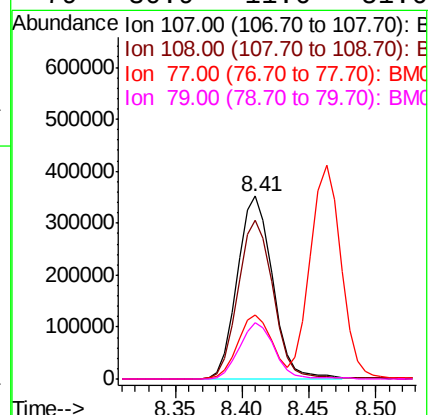
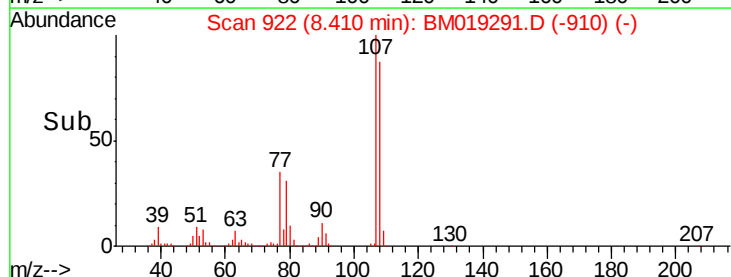
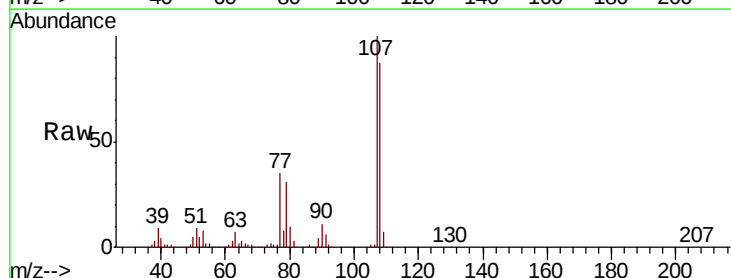
Ion Ratio Lower Upper

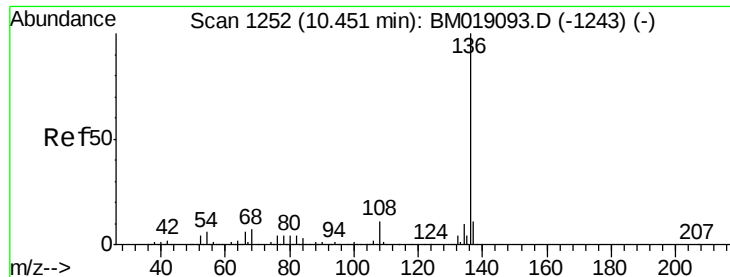
107 100

108 86.6 67.0 107.0

77 34.8 17.3 57.3

79 30.9 11.6 51.6

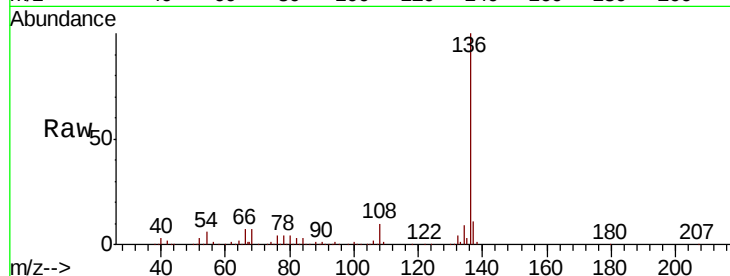




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Instrument :
BNA_M
ClientSampleId :
PB118124BS

Tgt Ion:	136	Resp:	834324
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.4	5.2	7.8
68	7.1	5.8	8.8



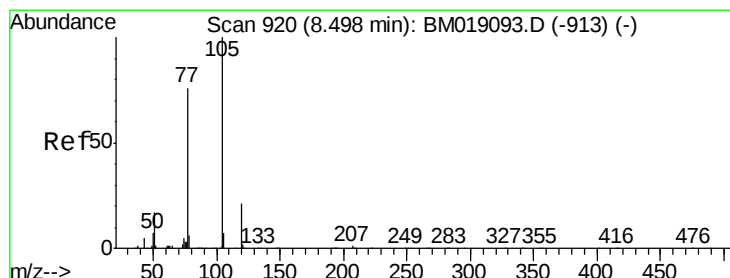
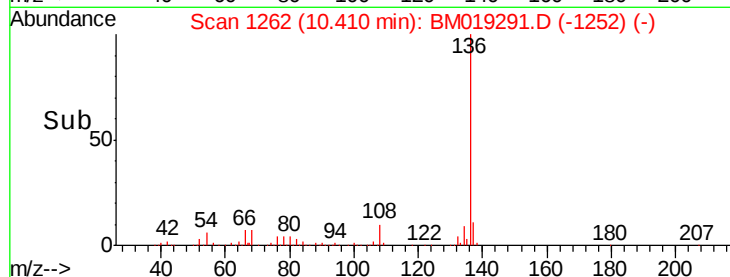
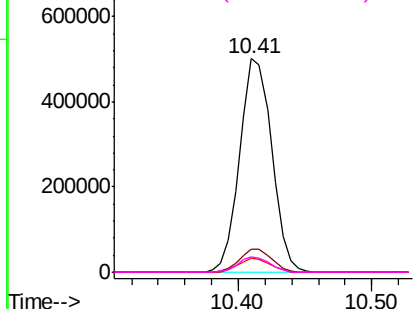
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

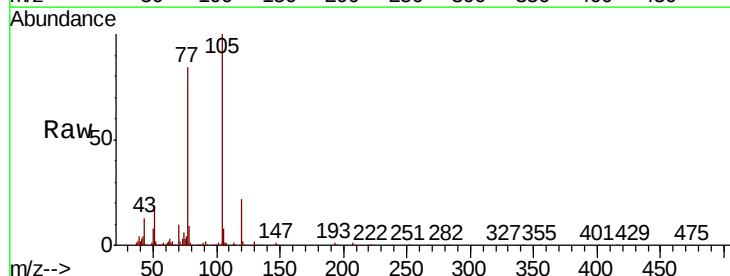
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 33.836 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:	105	Resp:	780168
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.8	1.2#
51	18.5	15.8	23.6
120	22.2	17.0	25.4



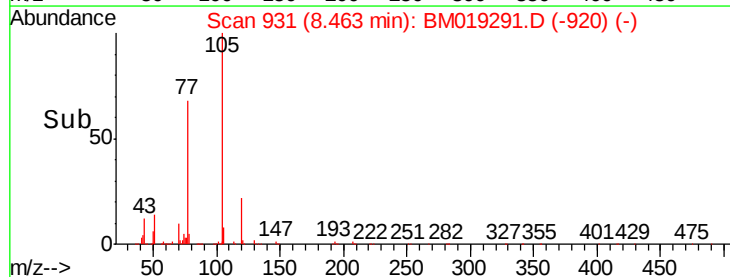
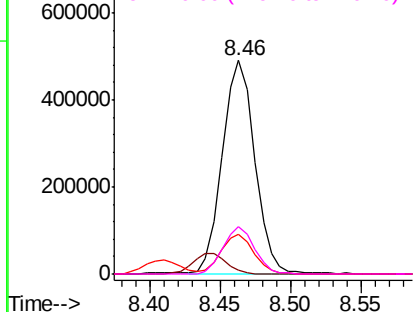
Abundance

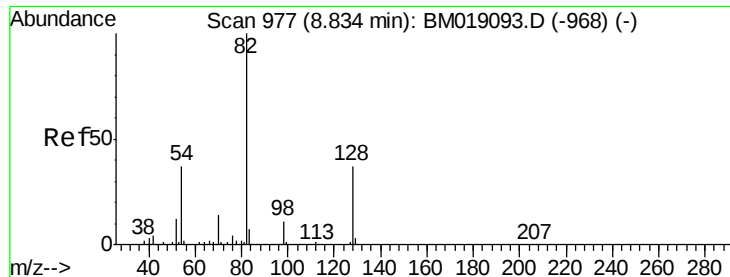
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

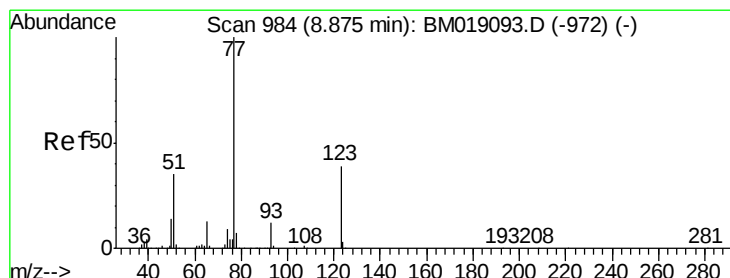
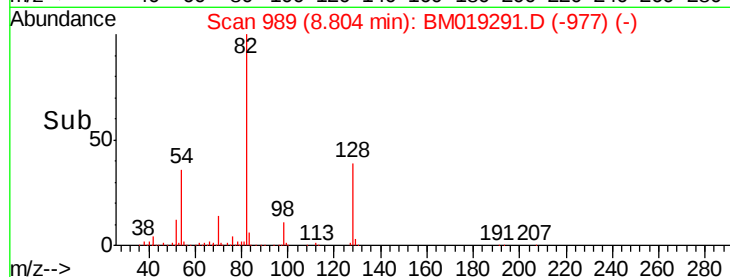
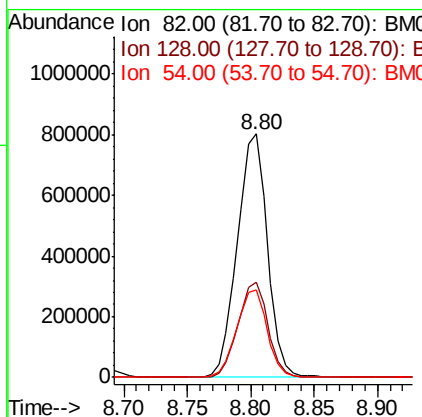
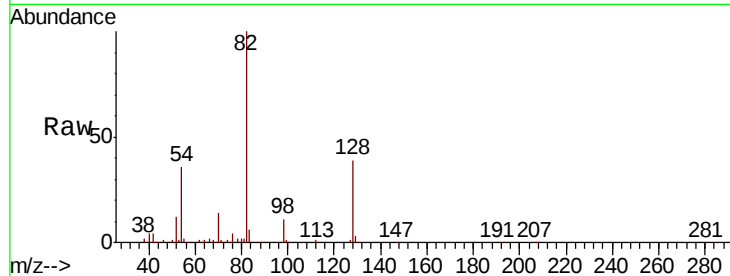




#23
 Nitrobenzene-d5
 Concen: 74.907 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

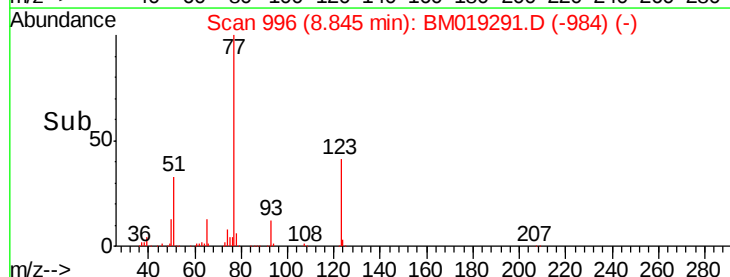
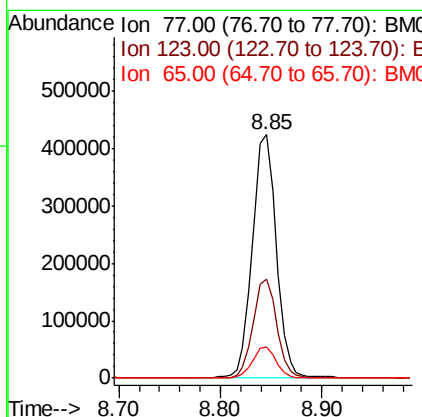
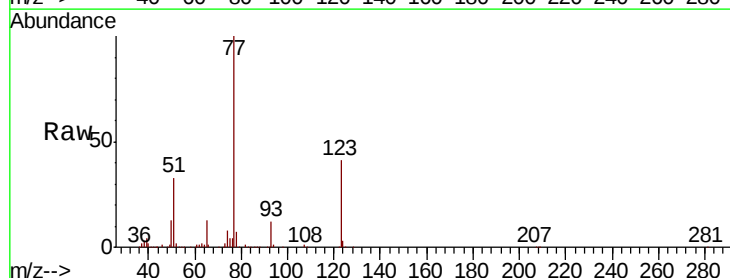
Instrument :
 BNA_M
 ClientSampleId :
 PB118124BS

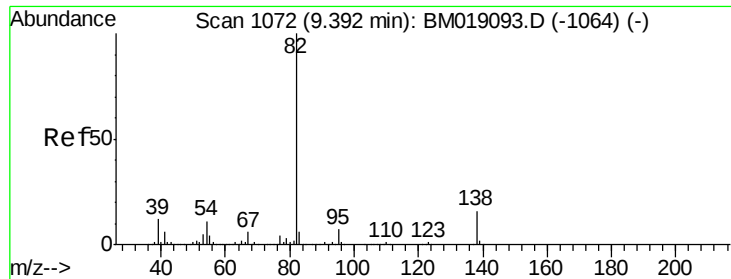
Tgt Ion: 82 Resp: 1322112
 Ion Ratio Lower Upper
 82 100
 128 39.0 29.4 44.2
 54 35.7 29.9 44.9



#24
 Nitrobenzene
 Concen: 38.073 ng
 RT: 8.85 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion: 77 Resp: 698884
 Ion Ratio Lower Upper
 77 100
 123 40.9 31.3 46.9
 65 12.6 10.5 15.7





#25

Isophorone

Concen: 36.031 ng

RT: 9.36 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

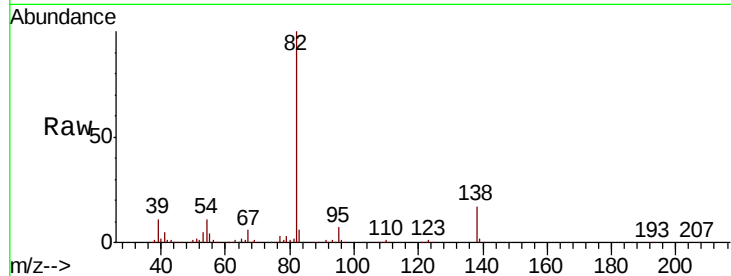
Tgt Ion: 82 Resp: 1213504

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

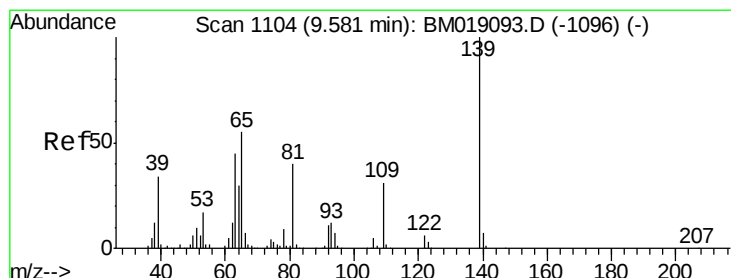
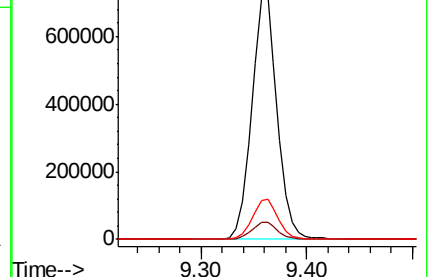
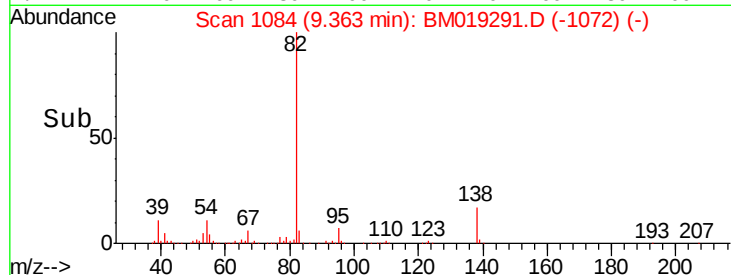
138 16.5 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)



#26

2-Nitrophenol

Concen: 38.686 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

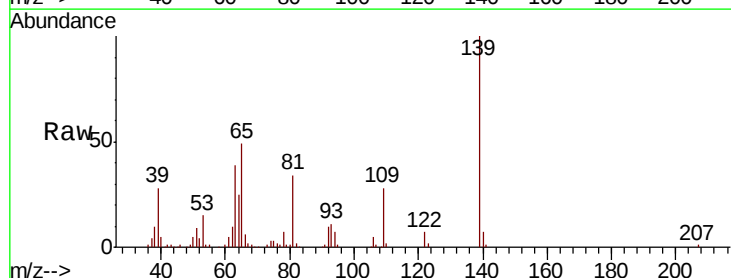
Tgt Ion: 139 Resp: 294357

Ion Ratio Lower Upper

139 100

109 27.7 24.5 36.7

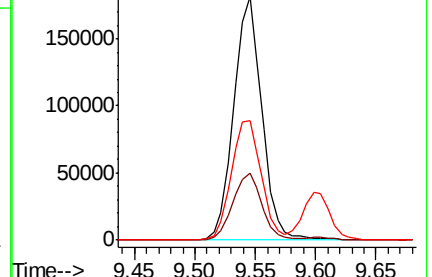
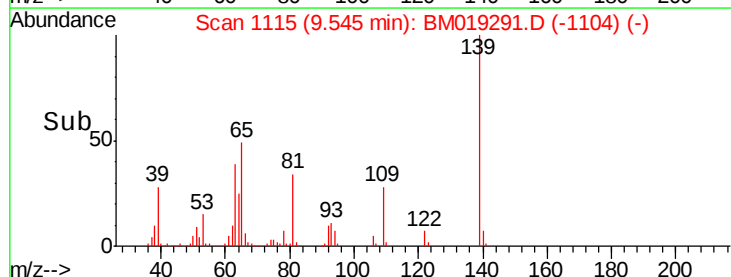
65 49.0 44.4 66.6



Abundance Ion 139.00 (138.70 to 139.70): BM019093.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019093.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-1096) (-)

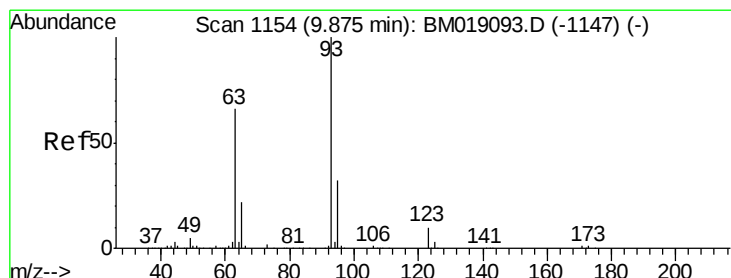
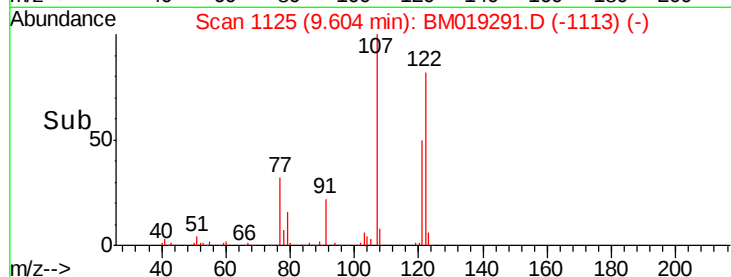
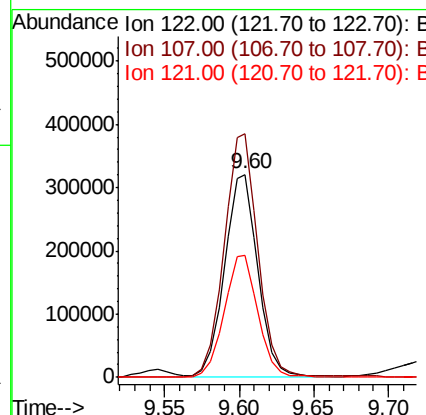
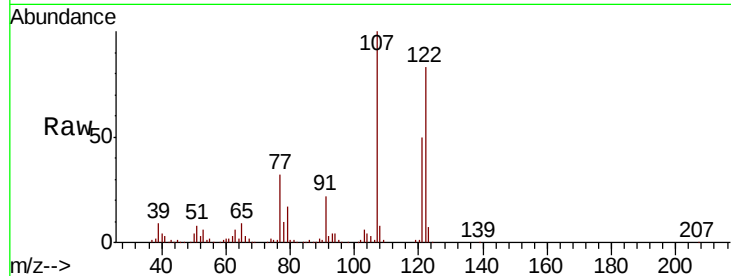




#27
2,4-Dimethylphenol
Concen: 44.037 ng
RT: 9.60 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

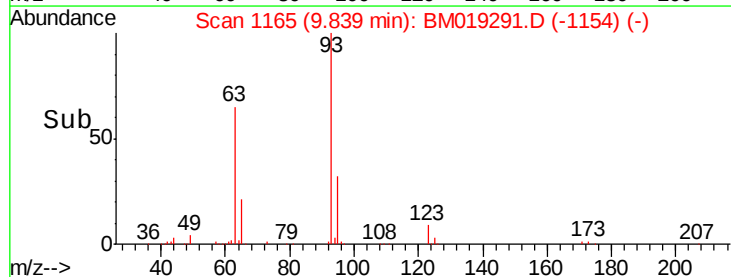
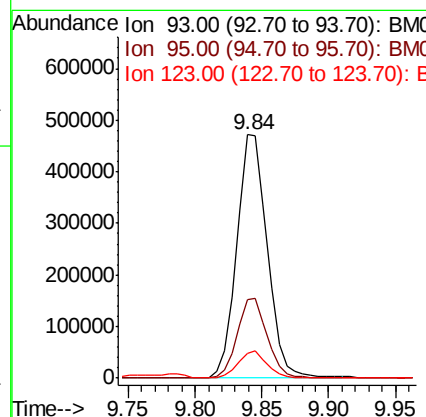
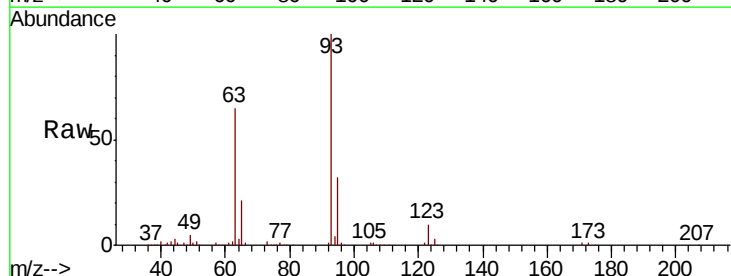
Instrument :
BNA_M
ClientSampleId :
PB118124BS

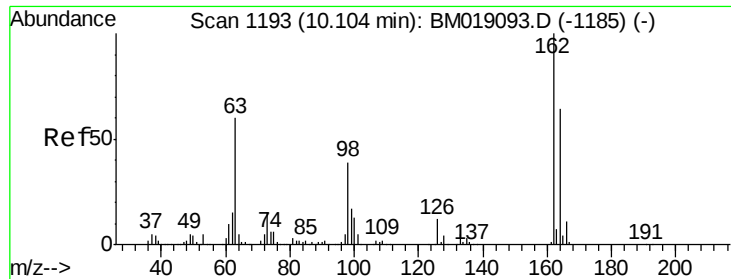
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.8	98.2	147.4
121	60.1	48.8	73.2



#28
bis(2-Chloroethoxy)methane
Concen: 37.586 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.3	7.9	11.9

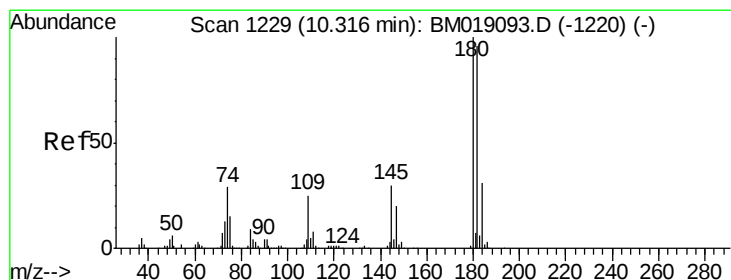
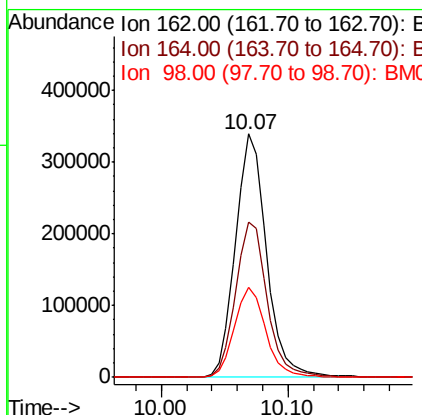
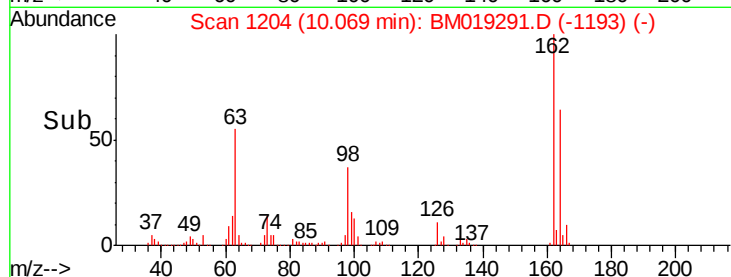
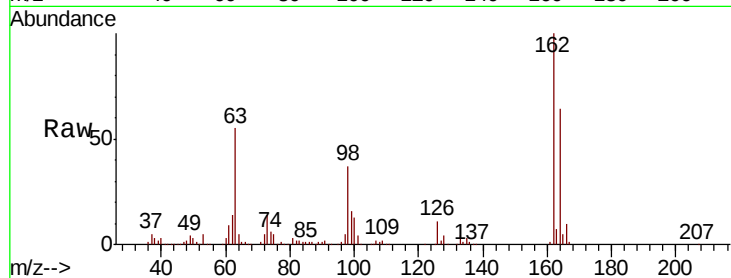




#29
2,4-Dichlorophenol
Concen: 46.042 ng
RT: 10.07 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

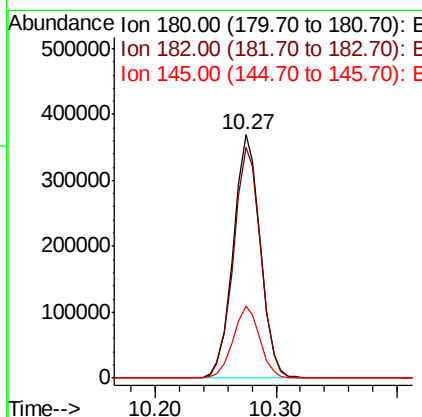
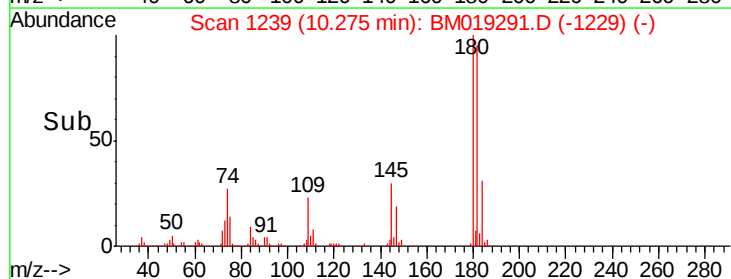
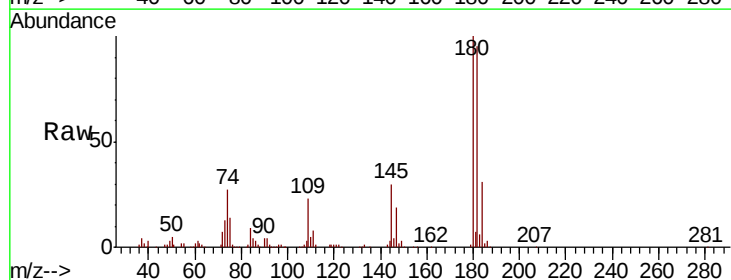
Instrument :
BNA_M
ClientSampleID :
PB118124BS

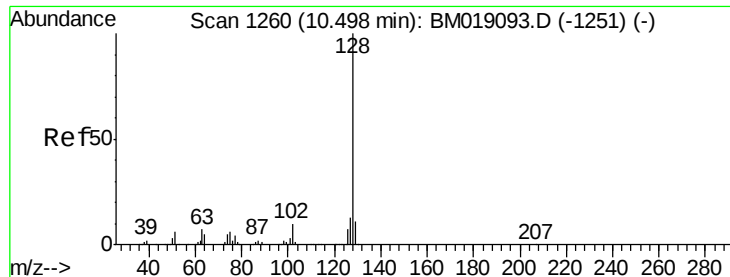
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.5	83.5
98	37.1	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 40.783 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	114.8
145	29.7	24.3	36.5

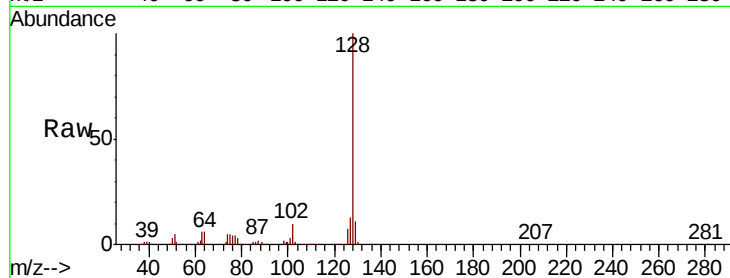




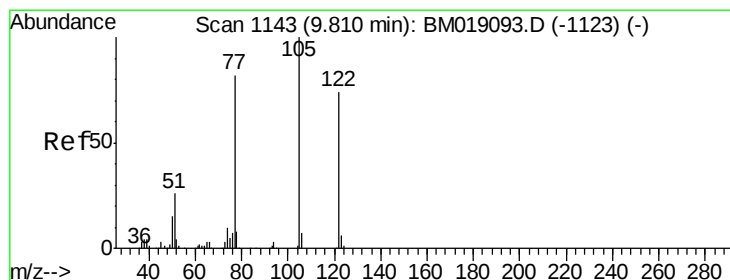
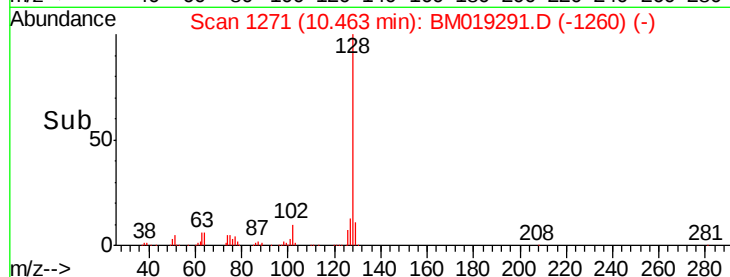
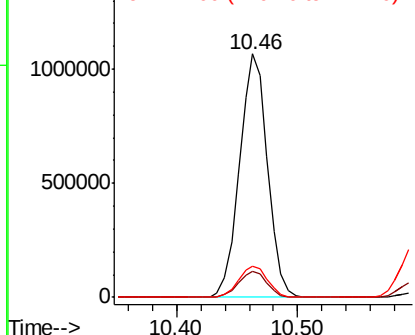
#31
Naphthalene
Concen: 39.102 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Instrument :
BNA_M
ClientSampleId :
PB118124BS

Tgt Ion:128 Resp: 1719508
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.4 15.6

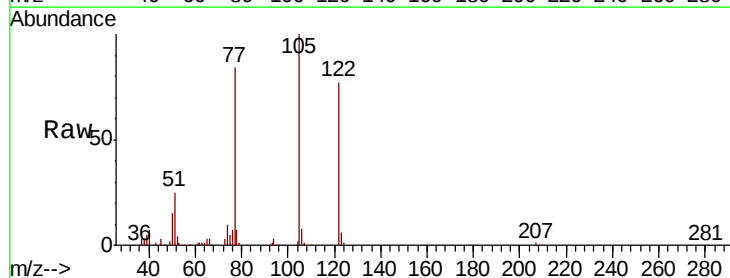


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

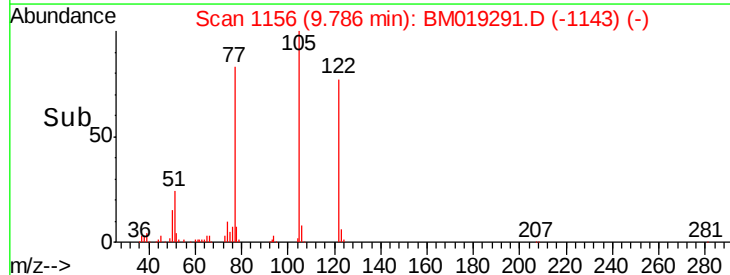
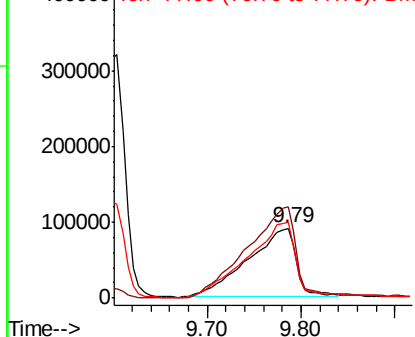


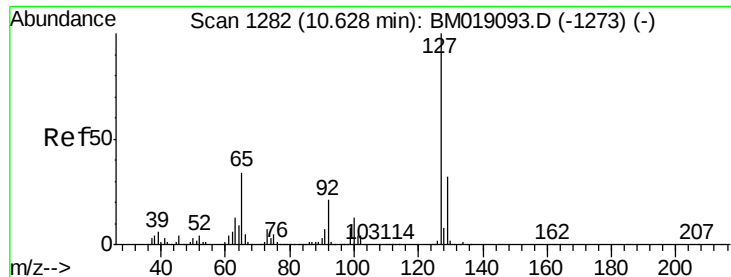
#32
Benzoic acid
Concen: 33.130 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:122 Resp: 317387
Ion Ratio Lower Upper
122 100
105 130.6 113.0 153.0
77 109.8 90.1 130.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

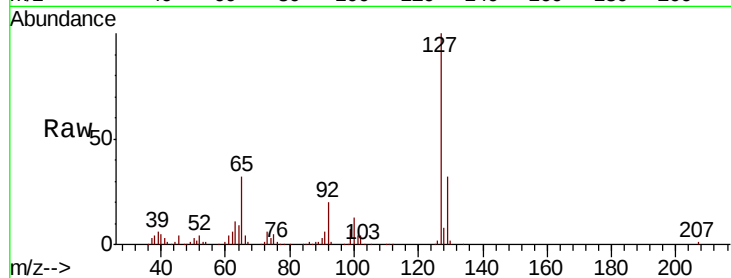




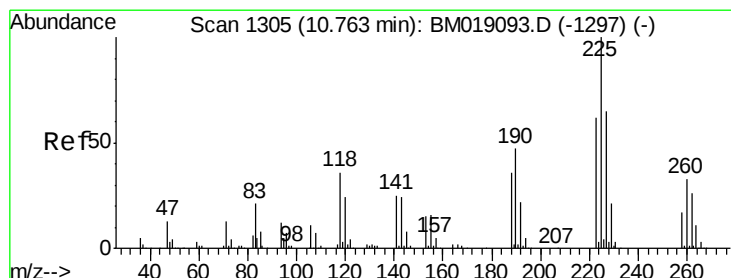
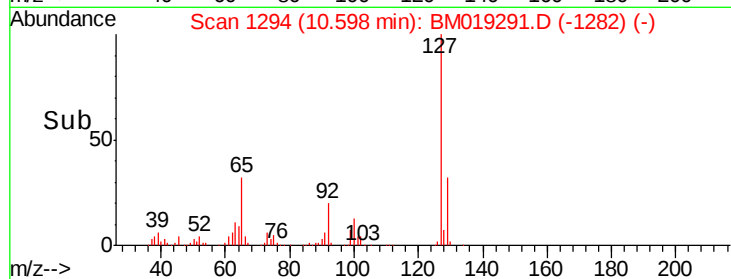
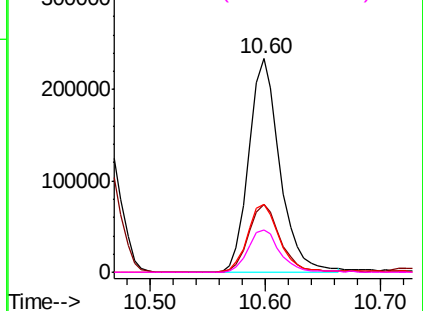
#33
4-Chloroaniline
Concen: 24.385 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Instrument :
BNA_M
ClientSampleId :
PB118124BS

Tgt Ion:	127	Resp:	439584
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	32.0	27.4	41.2
92	20.1	16.8	25.2

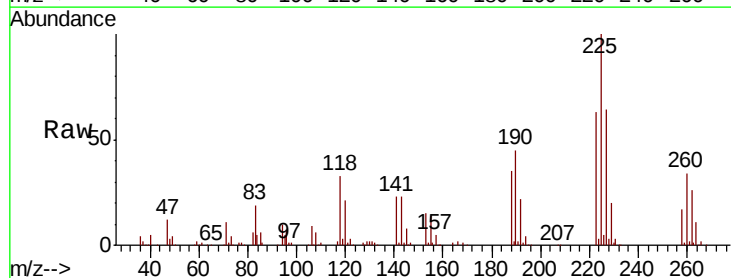


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

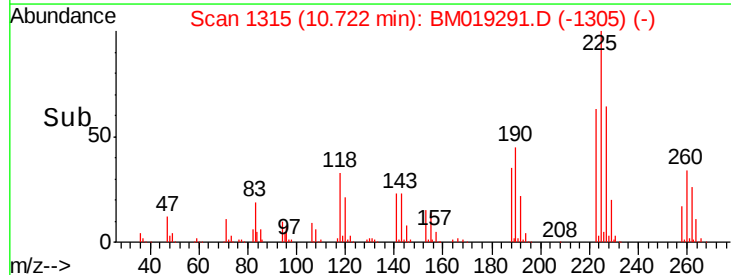
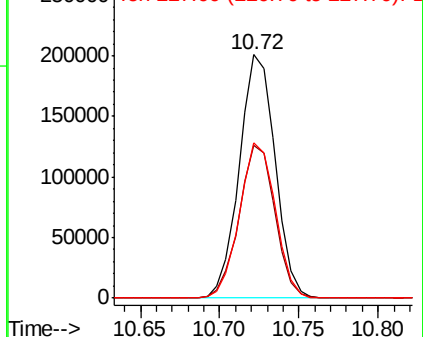


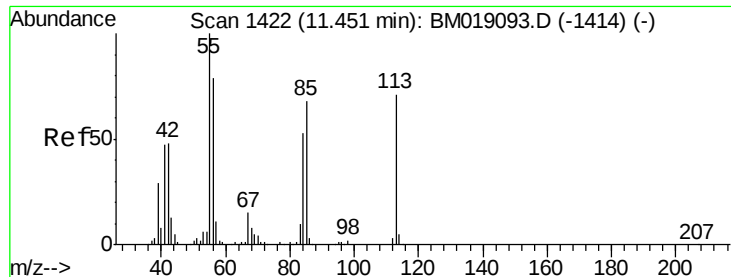
#34
Hexachlorobutadiene
Concen: 39.007 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:	225	Resp:	316219
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	63.7	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

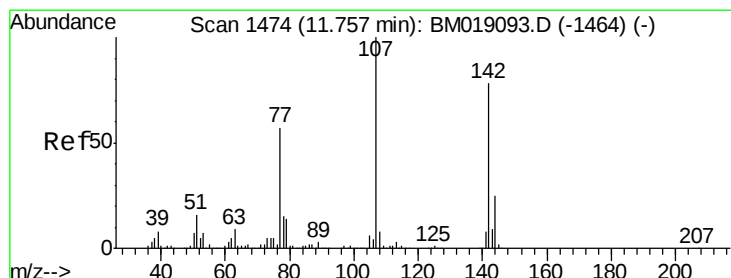
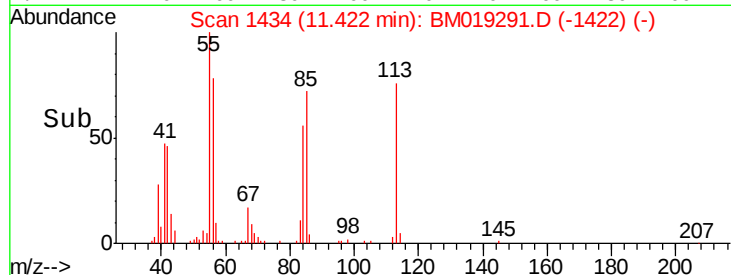
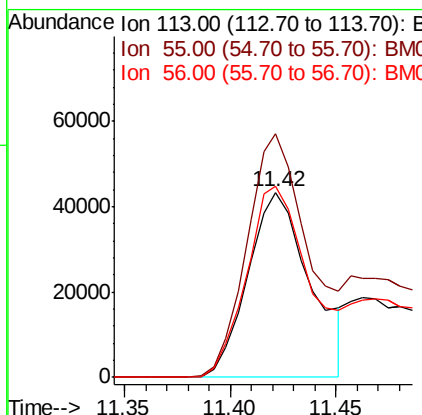
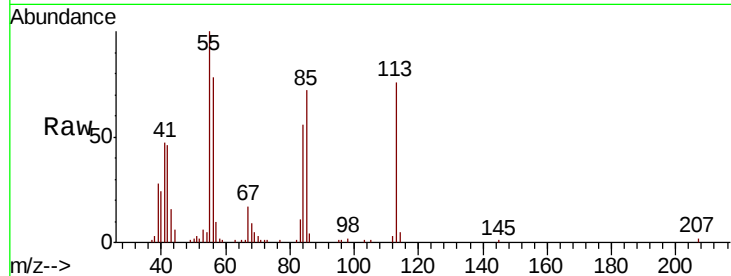




#35
 Caprolactam
 Concen: 19.892 ng
 RT: 11.42 min Scan# 1434
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

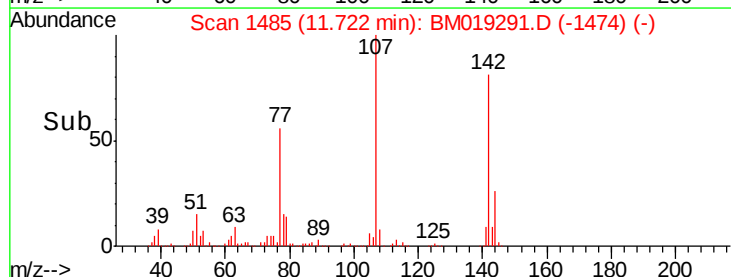
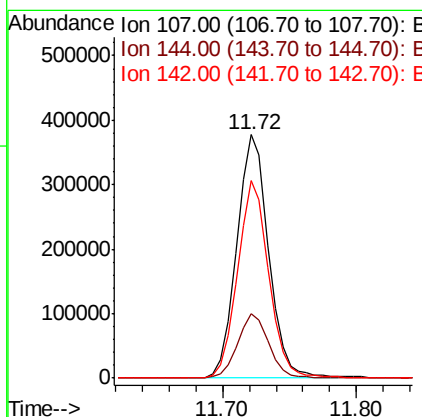
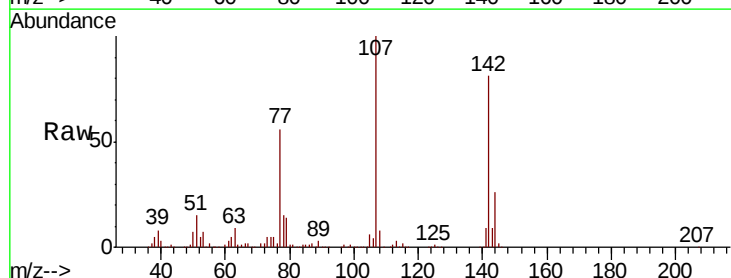
Instrument :
 BNA_M
 ClientSampleId :
 PB118124BS

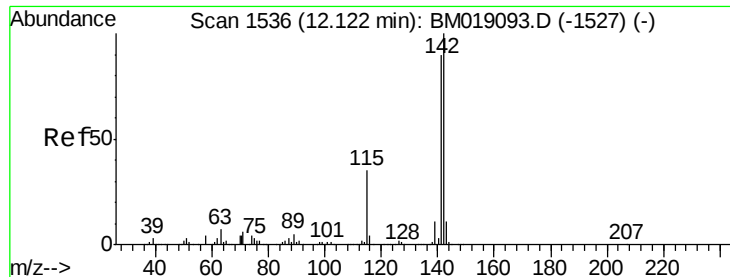
Tgt Ion:113 Resp: 88775
 Ion Ratio Lower Upper
 113 100
 55 131.6 120.1 160.1
 56 103.1 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.282 ng
 RT: 11.72 min Scan# 1485
 Delta R.T. -0.04 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion:107 Resp: 622677
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.2 30.4
 142 81.3 62.4 93.6

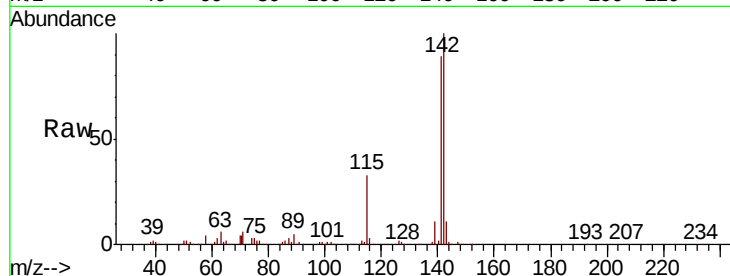




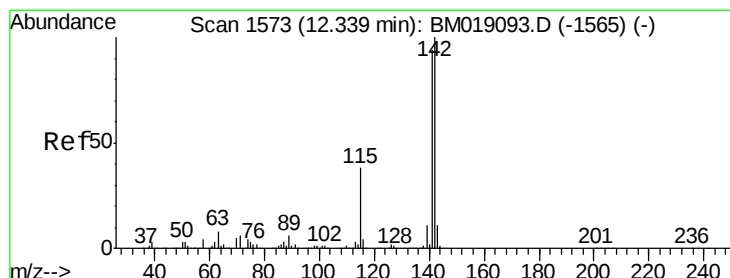
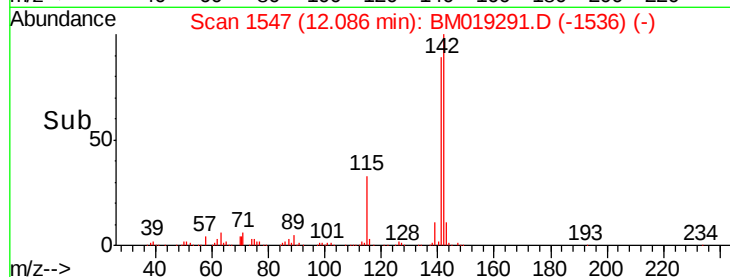
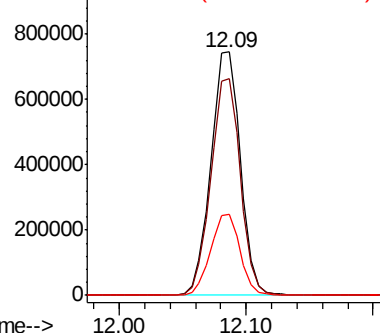
#37
 2-Methylnaphthalene
 Concen: 37.612 ng
 RT: 12.09 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Instrument :
 BNA_M
 ClientSampleId :
 PB118124BS

Tgt Ion:142 Resp: 1201920
 Ion Ratio Lower Upper
 142 100
 141 89.3 72.3 108.5
 115 33.3 27.8 41.8

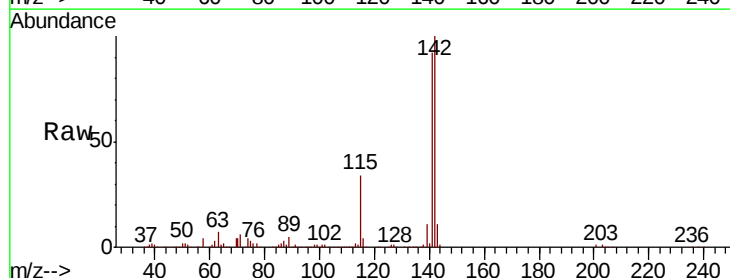


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

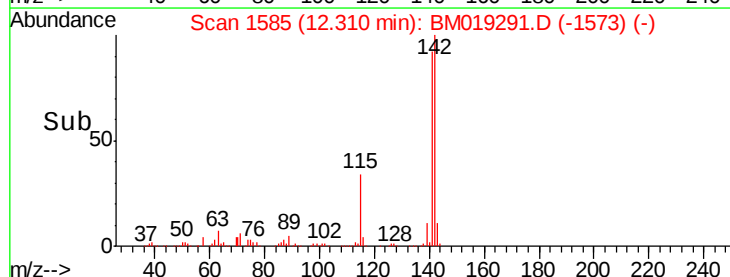
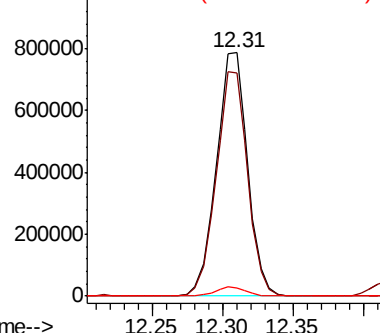


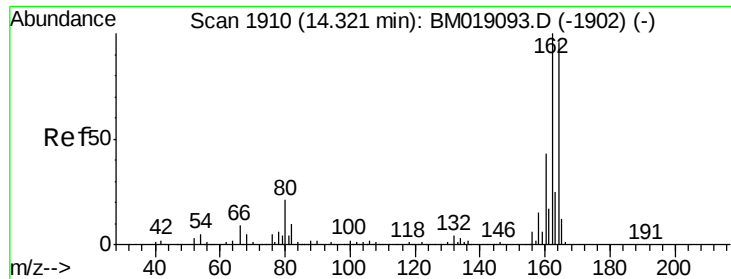
#38
 1-Methylnaphthalene
 Concen: 38.555 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion:142 Resp: 1214387
 Ion Ratio Lower Upper
 142 100
 141 91.9 74.9 112.3
 116 3.6 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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

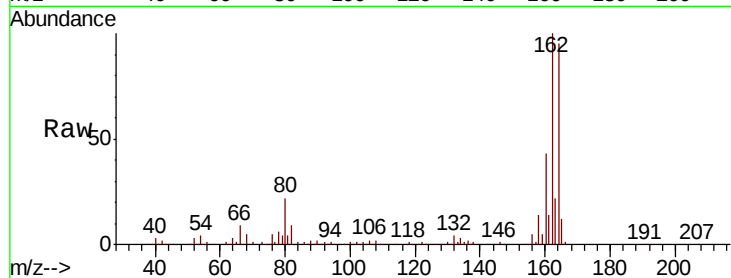
Tgt Ion:164 Resp: 495525

Ion Ratio Lower Upper

164 100

162 104.9 83.5 125.3

160 44.6 36.3 54.5

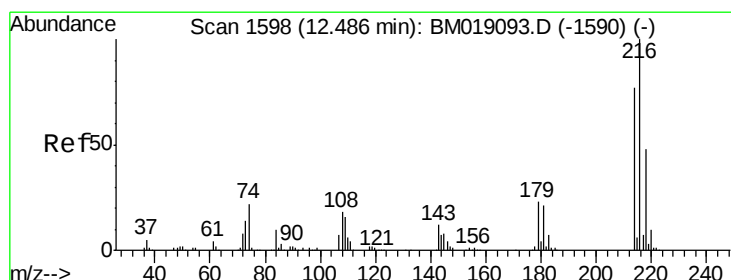
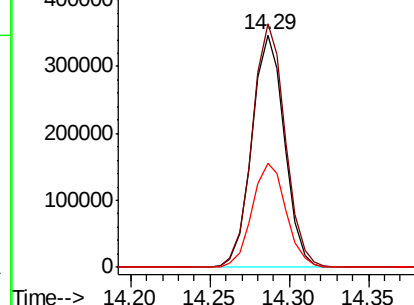
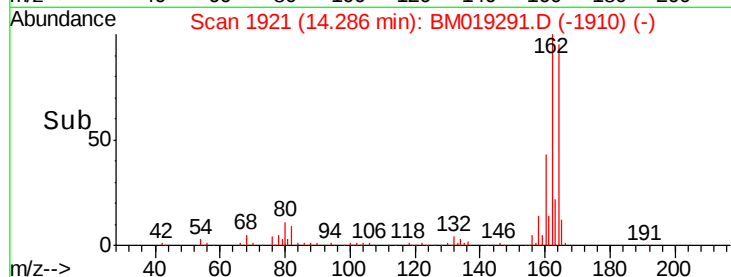


Abundance

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: 41.439 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Tgt Ion:216 Resp: 649544

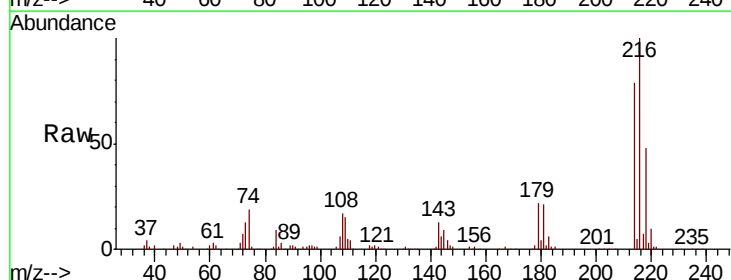
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 21.8 18.0 27.0

108 16.6 16.2 24.4



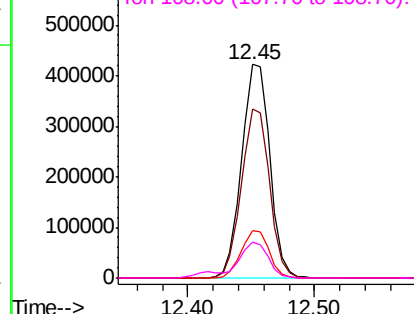
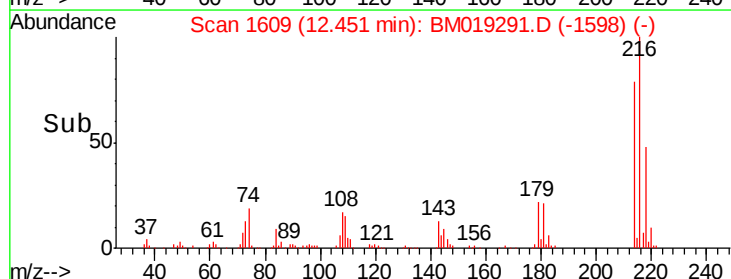
Abundance

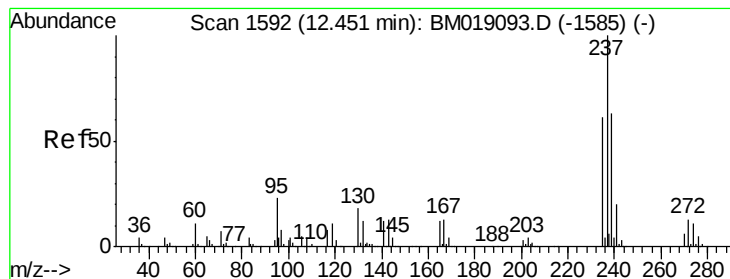
Ion 216.00 (215.70 to 216.70): E

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: 81.587 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

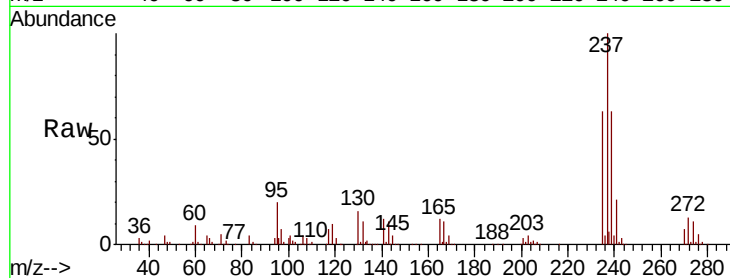
Tgt Ion: 237 Resp: 579270

Ion Ratio Lower Upper

237 100

235 63.0 41.3 81.3

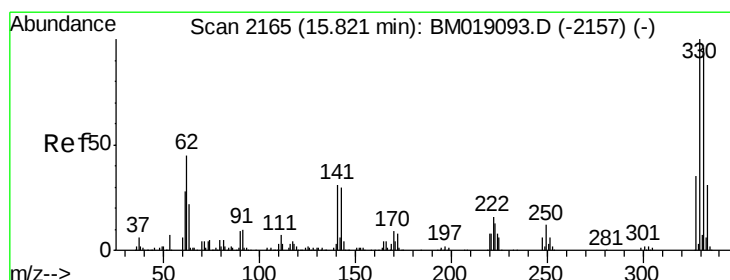
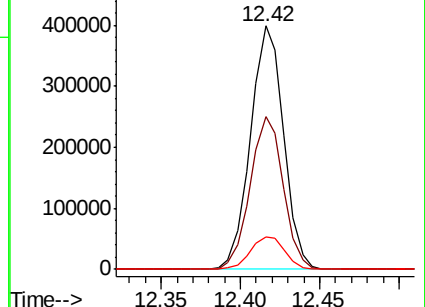
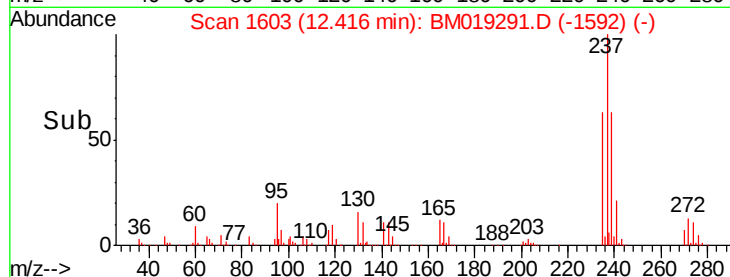
272 13.4 0.0 33.1



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: 133.322 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

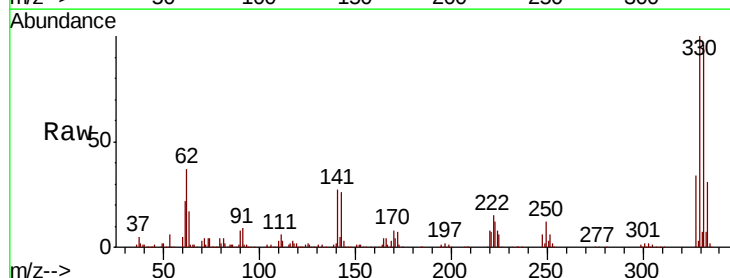
Tgt Ion: 330 Resp: 975420

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

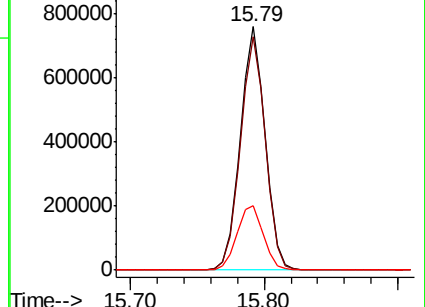
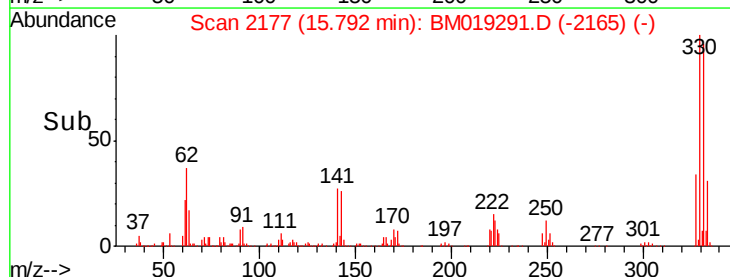
141 28.4 27.0 40.4



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

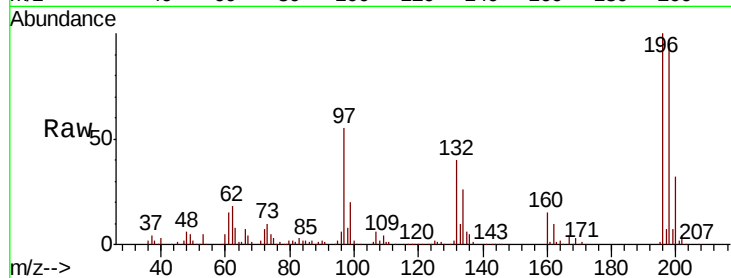




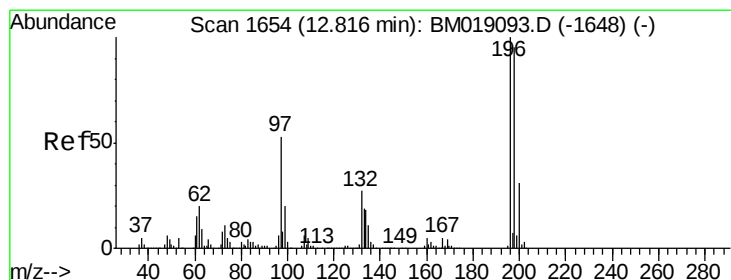
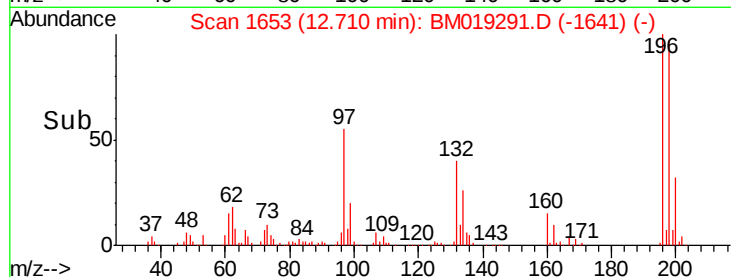
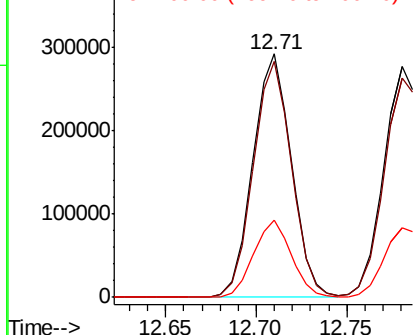
#43
 2,4,6-Trichlorophenol
 Concen: 42.589 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Instrument :
 BNA_M
 ClientSampleID :
 PB118124BS

Tgt Ion:196 Resp: 431414
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.0
 200 31.7 24.2 36.2



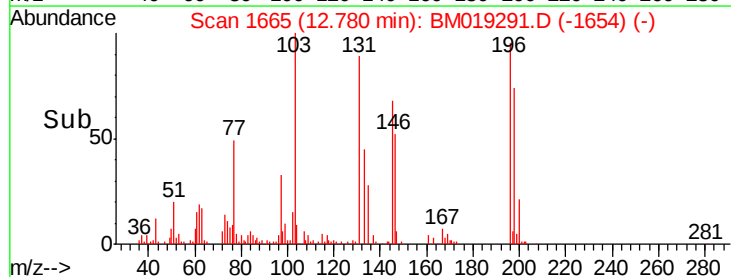
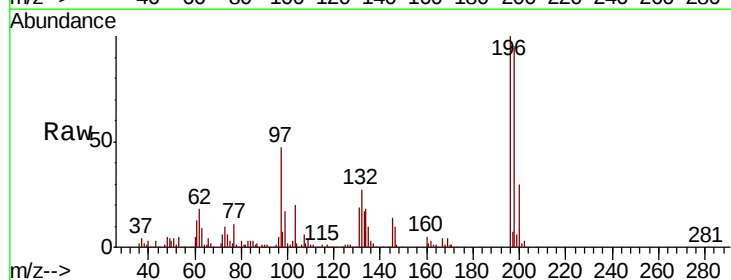
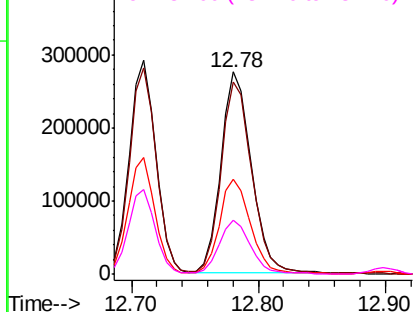
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

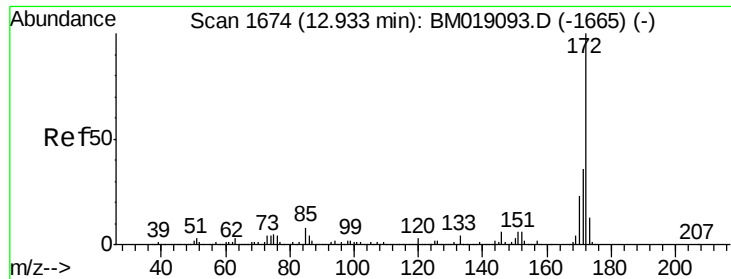


#44
 2,4,5-Trichlorophenol
 Concen: 42.284 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion:196 Resp: 458017
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.9 113.9
 97 47.1 42.5 63.7
 132 26.6 21.9 32.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

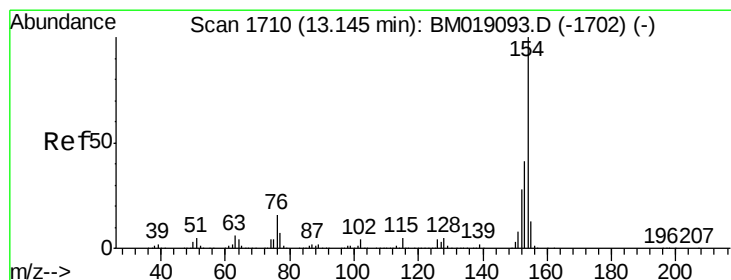
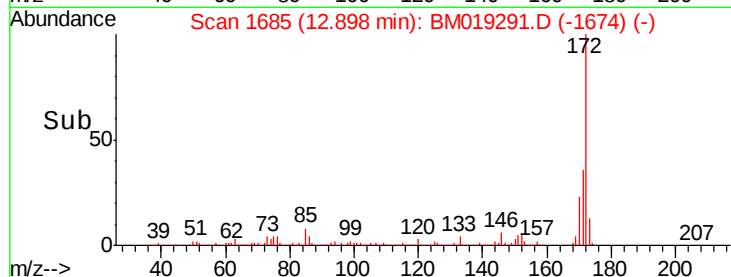
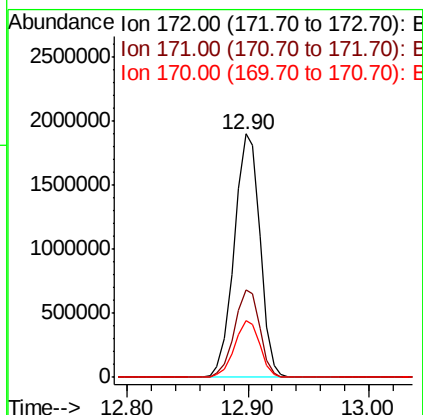
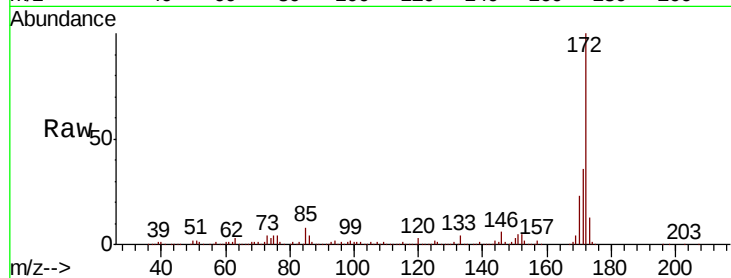




#45
2-Fluorobiphenyl
Concen: 74.103 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

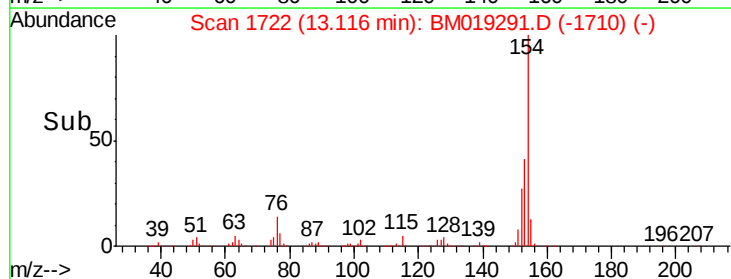
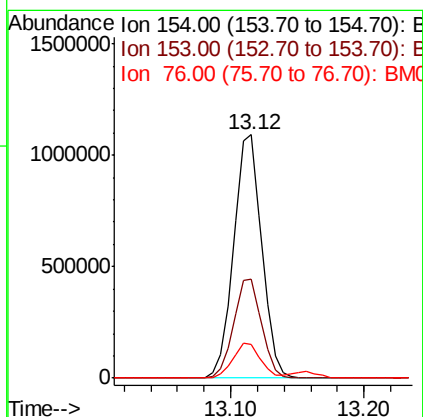
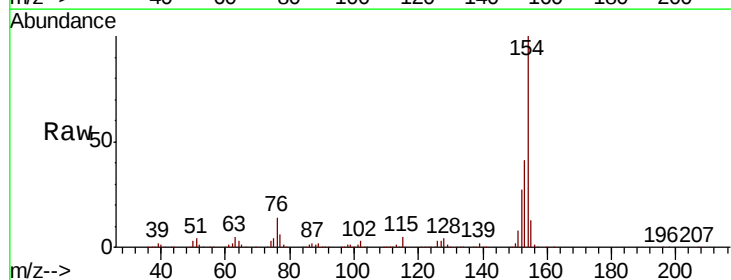
Instrument :
BNA_M
ClientSampleId :
PB118124BS

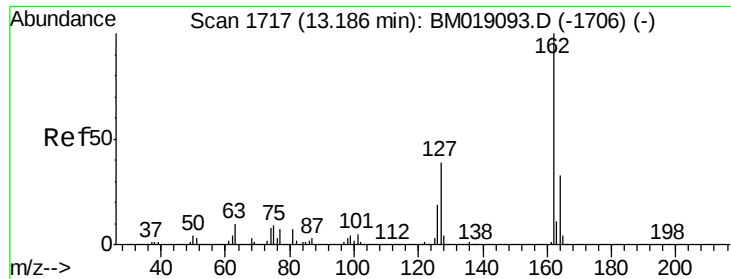
Tgt Ion:172 Resp: 2822942
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 36.861 ng
RT: 13.12 min Scan# 1722
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:154 Resp: 1595175
Ion Ratio Lower Upper
154 100
153 40.5 21.5 61.5
76 13.7 0.0 35.8

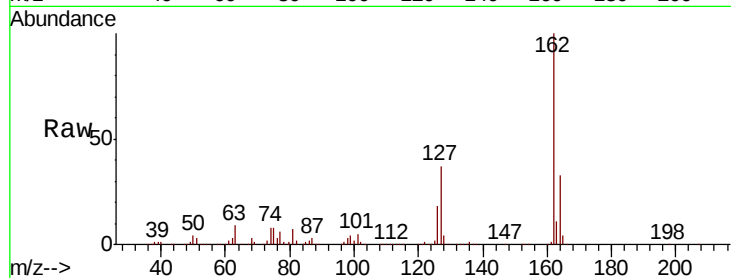




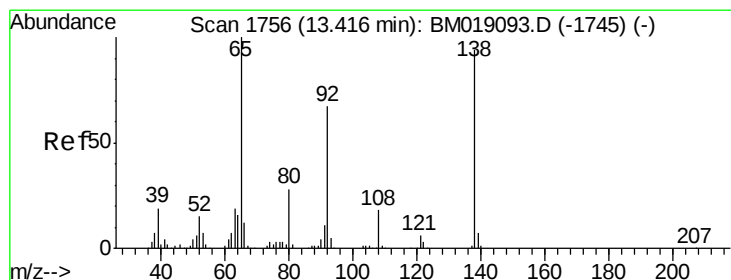
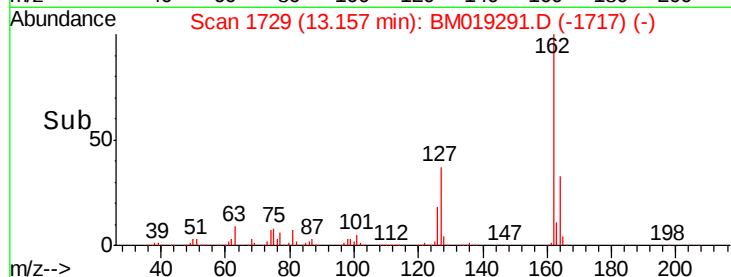
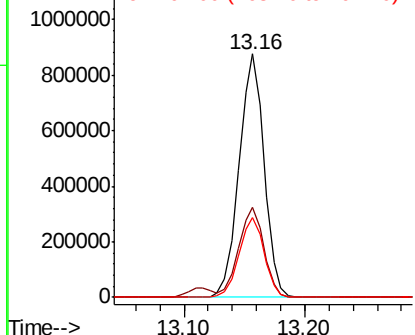
#47
2-Chloronaphthalene
Concen: 39.343 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Instrument :
BNA_M
ClientSampleId :
PB118124BS

Tgt Ion: 162 Resp: 1270850
Ion Ratio Lower Upper
162 100
127 36.9 31.2 46.8
164 33.0 26.3 39.5

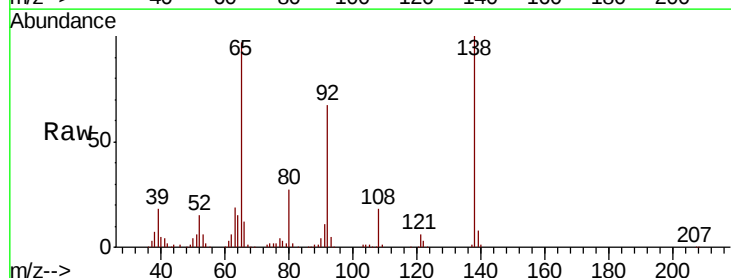


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

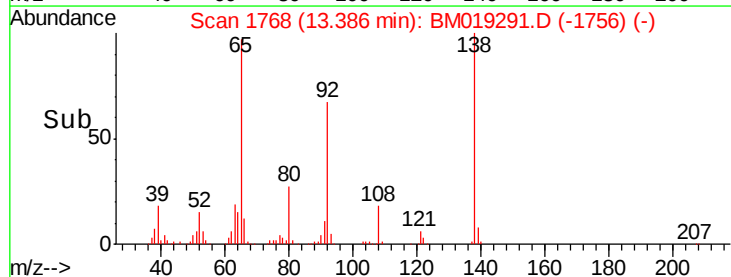
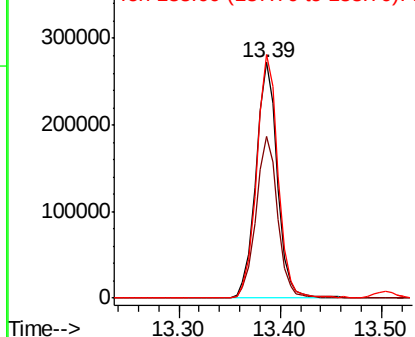


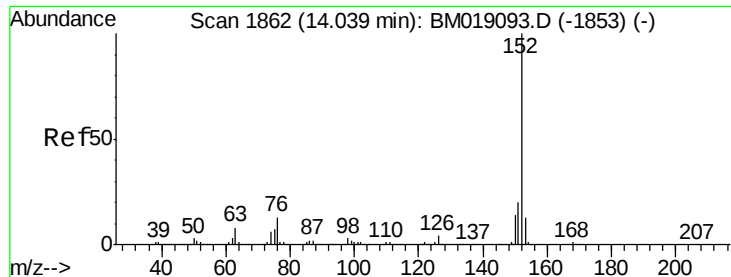
#48
2-Nitroaniline
Concen: 36.920 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion: 65 Resp: 399956
Ion Ratio Lower Upper
65 100
92 68.8 53.4 80.2
138 103.4 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.041 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

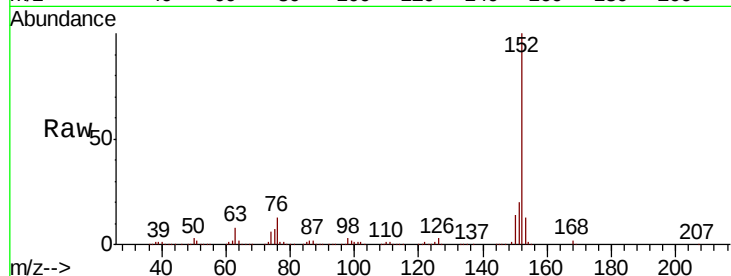
Tgt Ion:152 Resp: 2132317

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

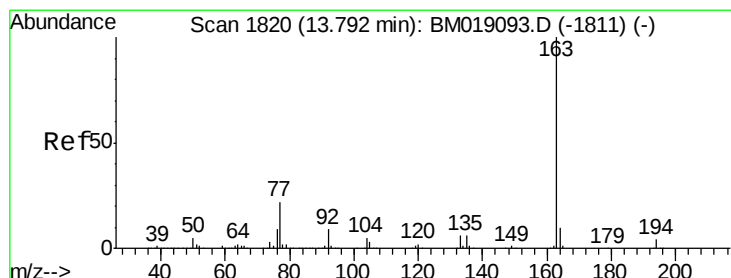
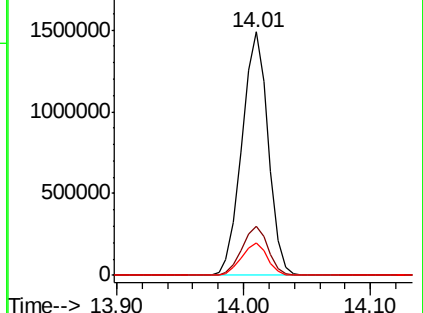
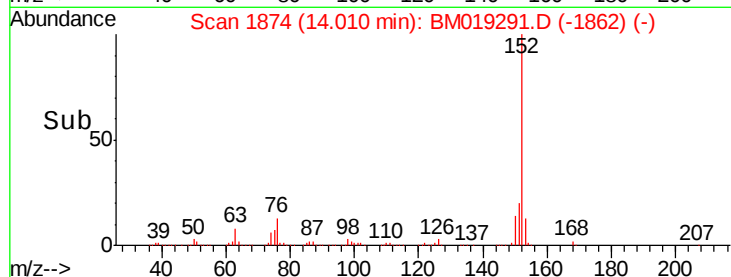
153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.370 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

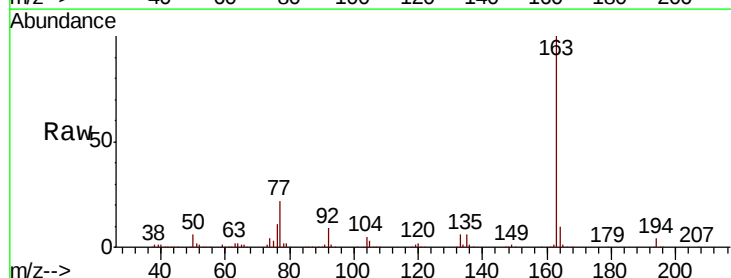
Tgt Ion:163 Resp: 1668881

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

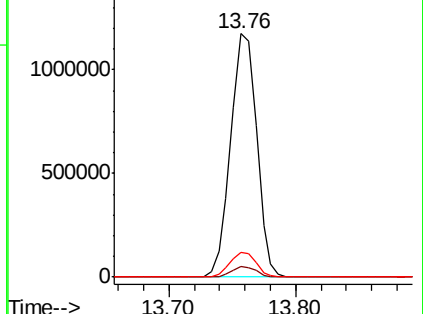
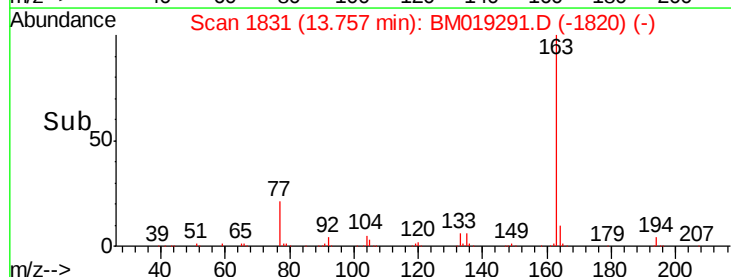
164 10.2 7.7 11.5

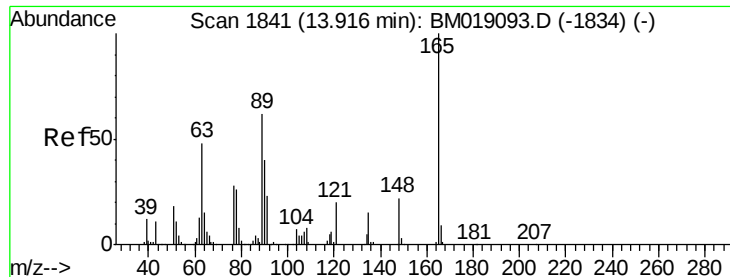


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

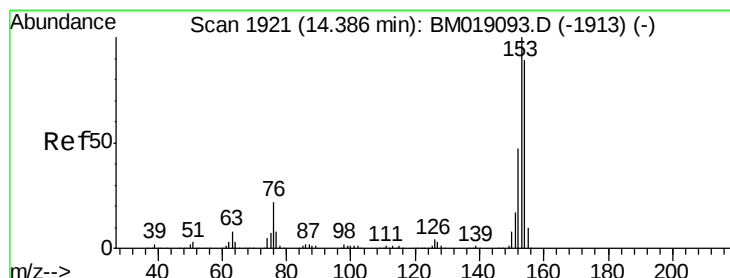
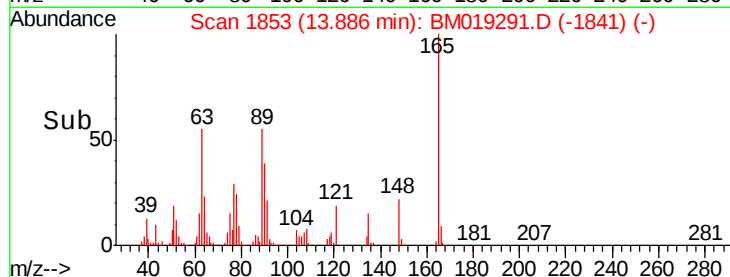
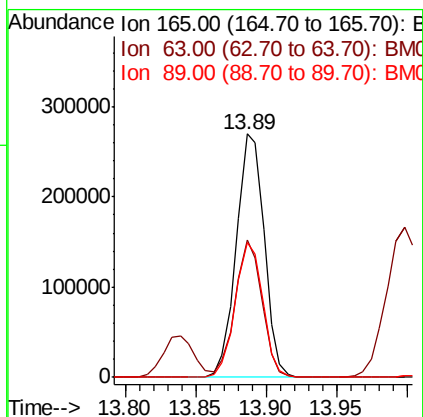
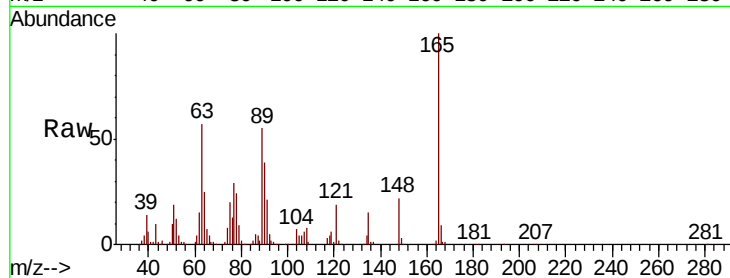




#51
2,6-Dinitrotoluene
Concen: 40.721 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

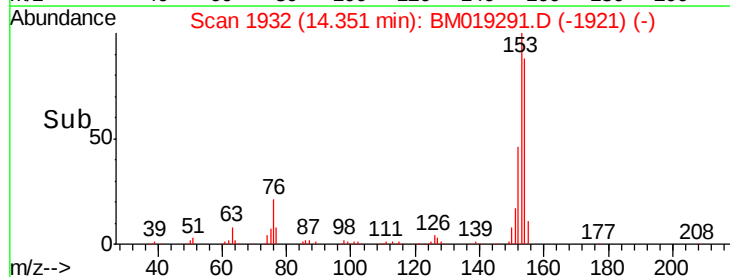
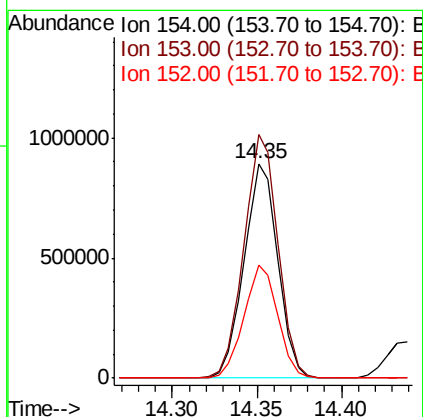
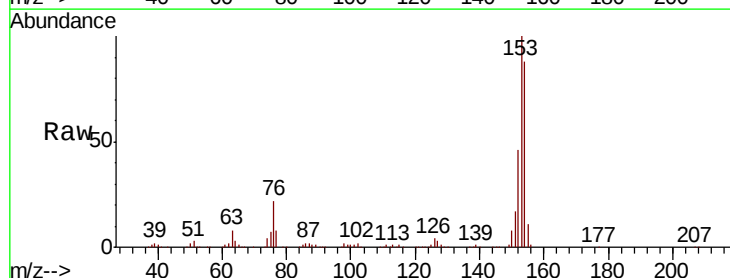
Instrument :
BNA_M
ClientSampleId :
PB118124BS

Tgt Ion:165 Resp: 373146
Ion Ratio Lower Upper
165 100
63 56.6 48.2 72.4
89 55.4 49.3 73.9



#52
Acenaphthene
Concen: 39.611 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:154 Resp: 1243142
Ion Ratio Lower Upper
154 100
153 113.5 90.1 135.1
152 52.7 42.5 63.7

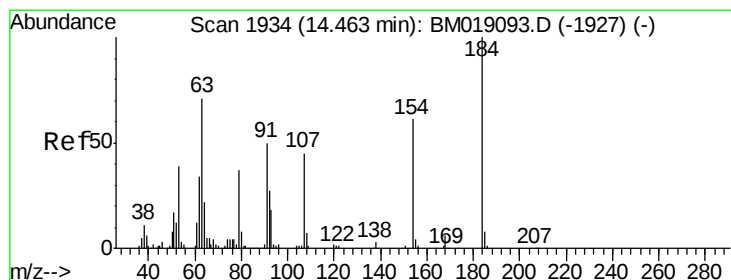
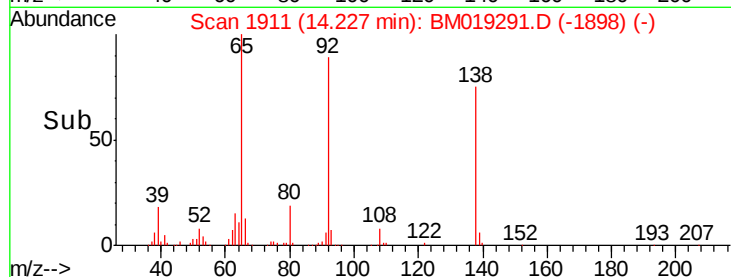
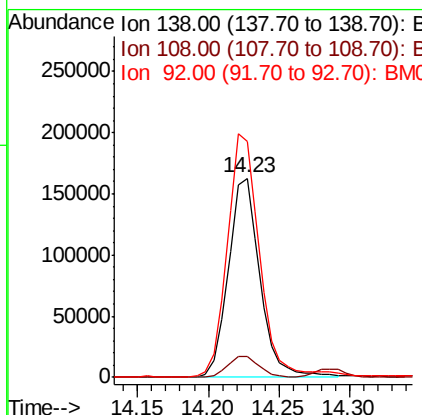
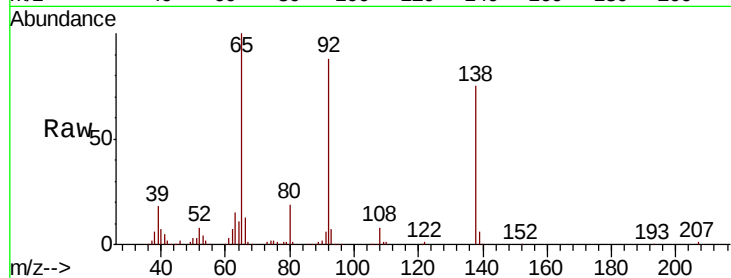




#53
 3-Nitroaniline
 Concen: 26.221 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

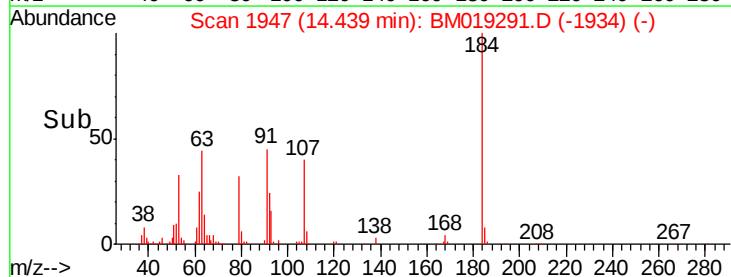
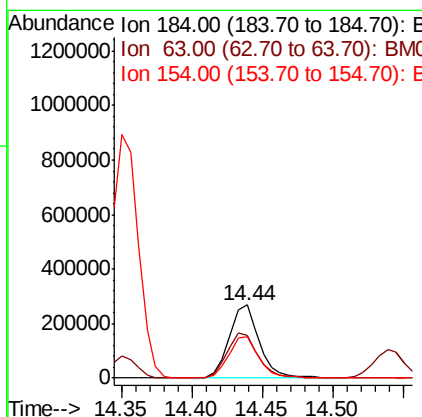
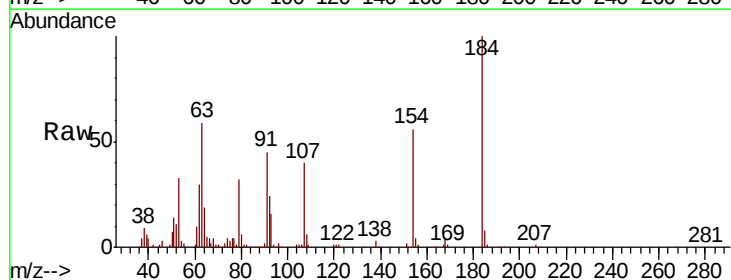
Instrument :
 BNA_M
 ClientSampleID :
 PB118124BS

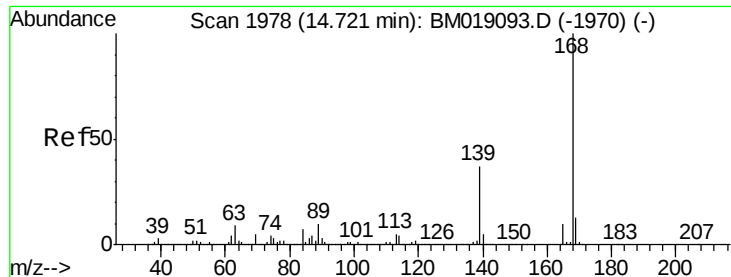
Tgt Ion:138 Resp: 254480
 Ion Ratio Lower Upper
 138 100
 108 10.6 9.0 13.4
 92 118.1 102.6 153.8



#54
 2,4-Dinitrophenol
 Concen: 75.692 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion:184 Resp: 402808
 Ion Ratio Lower Upper
 184 100
 63 59.1 56.7 85.1
 154 55.8 49.3 73.9

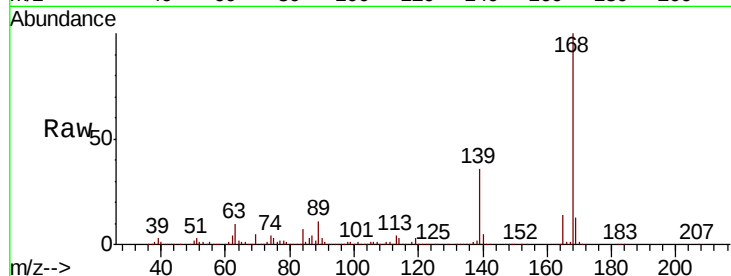




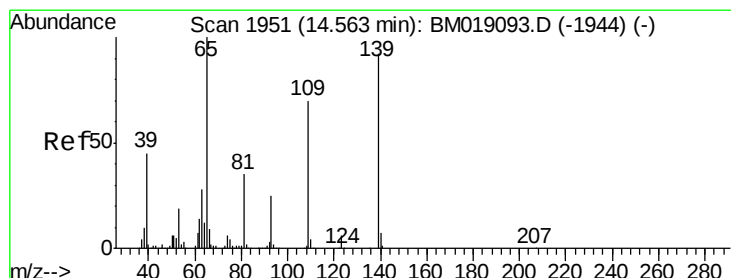
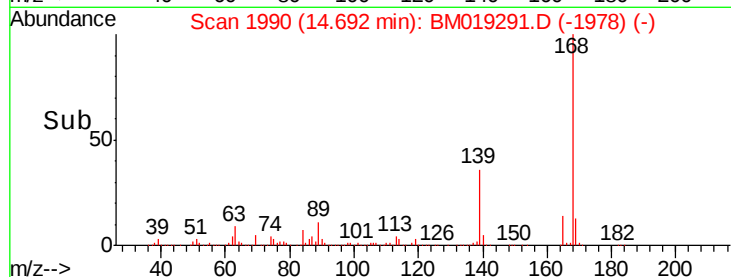
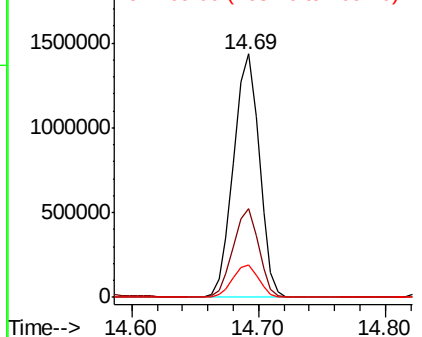
#55
Dibenzofuran
Concen: 39.934 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Instrument :
BNA_M
ClientSampleId :
PB118124BS

Tgt Ion:168 Resp: 2021131
Ion Ratio Lower Upper
168 100
139 36.3 30.1 45.1
169 13.3 10.6 16.0

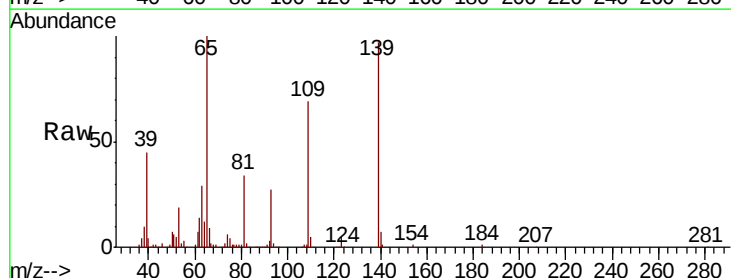


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

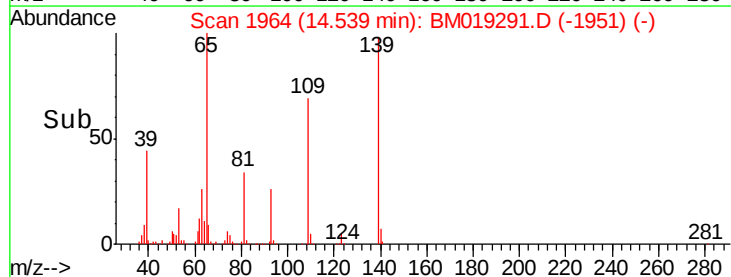
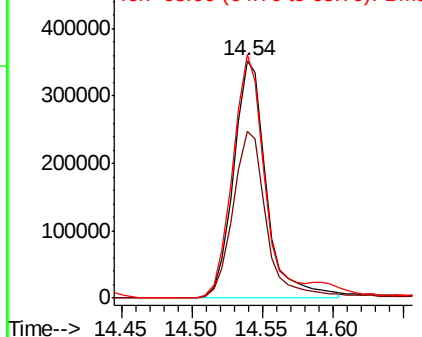


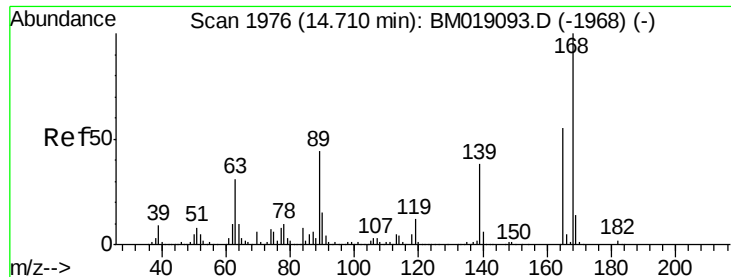
#56
4-Nitrophenol
Concen: 71.920 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:139 Resp: 569896
Ion Ratio Lower Upper
139 100
109 70.4 56.3 96.3
65 102.6 89.2 129.2



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

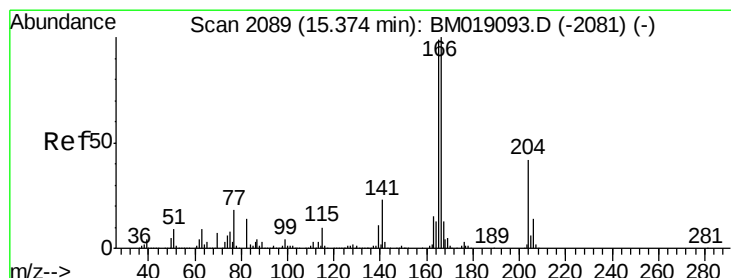
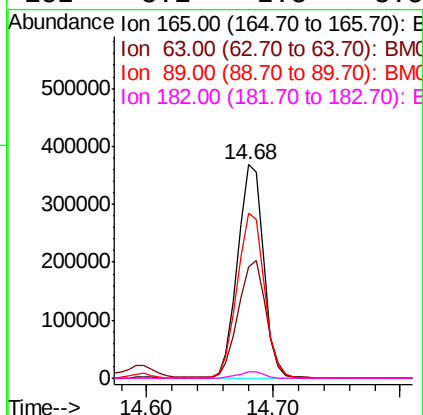
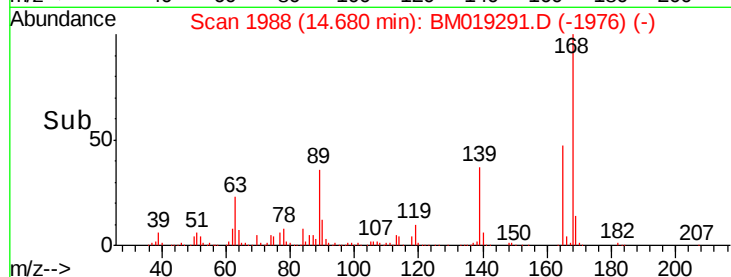
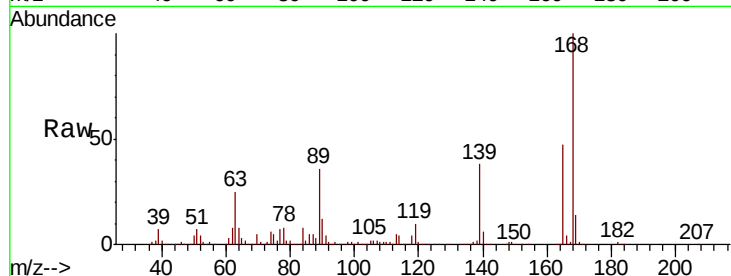




#57
2,4-Dinitrotoluene
Concen: 39.073 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

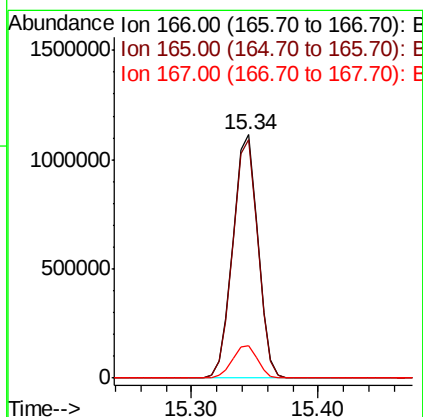
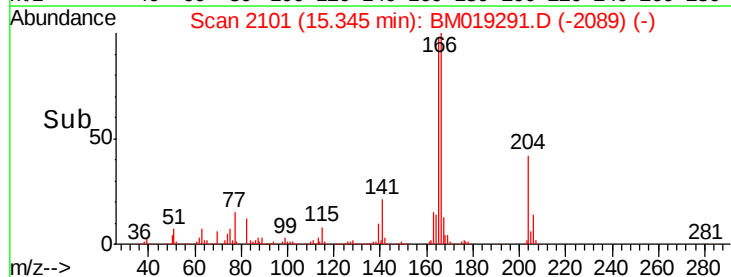
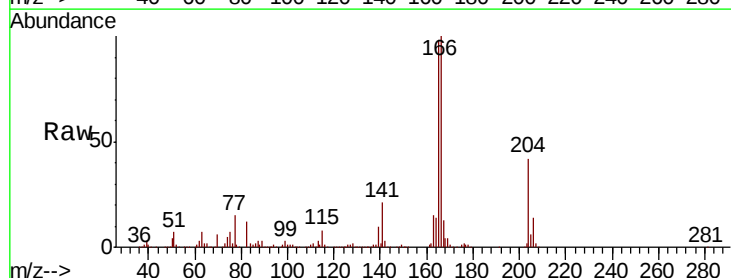
Instrument :
BNA_M
ClientSampleId :
PB118124BS

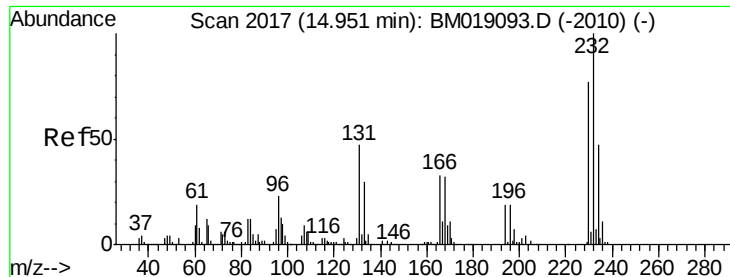
Tgt Ion:165 Resp: 519732
Ion Ratio Lower Upper
165 100
63 52.2 44.7 67.1
89 77.6 63.4 95.2
182 3.1 2.3 3.5



#58
Fluorene
Concen: 36.394 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:166 Resp: 1518319
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.4 10.8 16.2

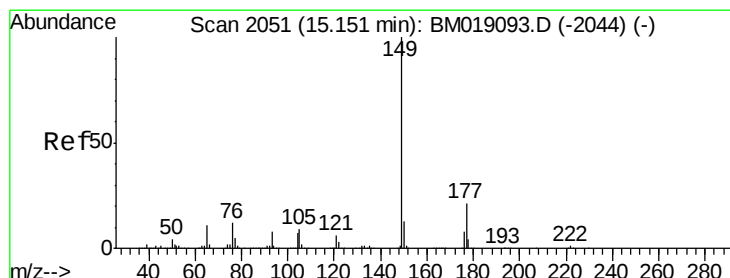
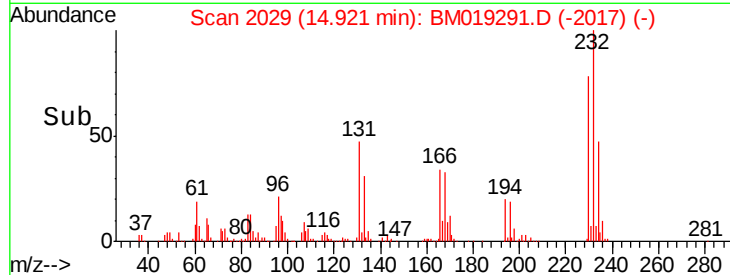
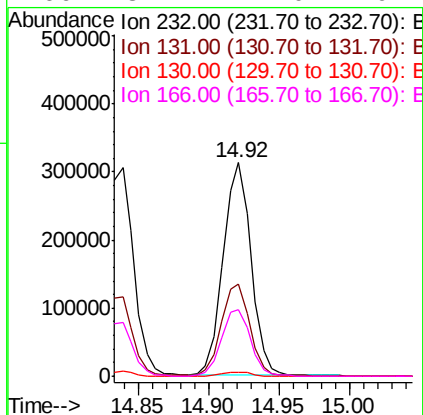
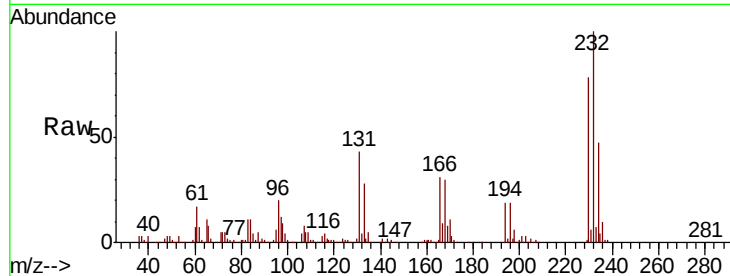




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.677 ng
RT: 14.92 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

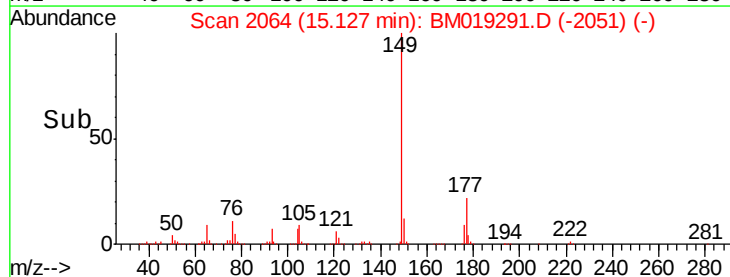
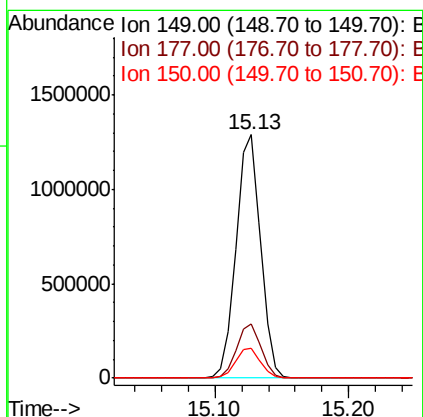
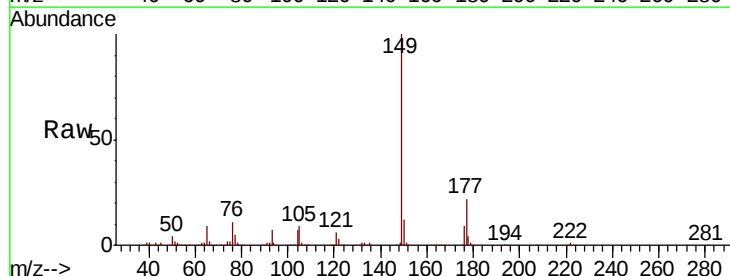
Instrument :
BNA_M
ClientSampleId :
PB118124BS

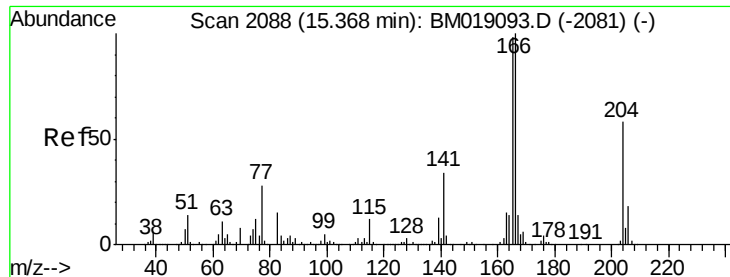
Tgt Ion:	232	Resp:	430358
Ion	Ratio	Lower	Upper
232	100		
131	44.0	38.2	57.2
130	2.2	1.9	2.9
166	32.2	27.0	40.4



#60
Diethylphthalate
Concen: 38.269 ng
RT: 15.13 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:	149	Resp:	1642942
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	12.4	10.2	15.4

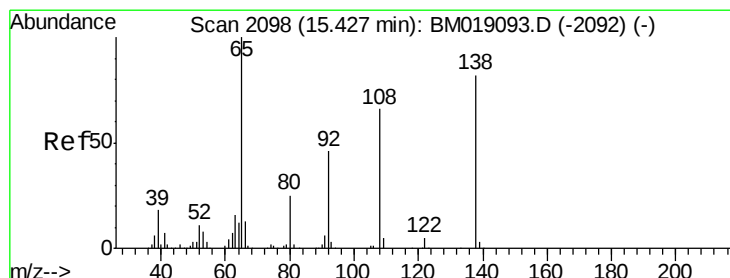
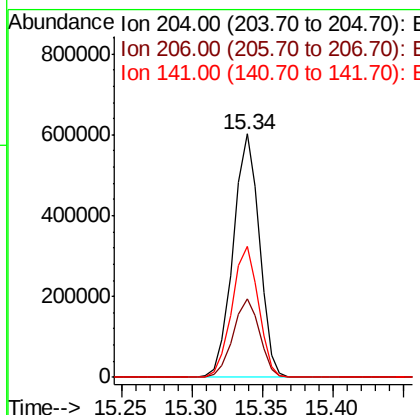
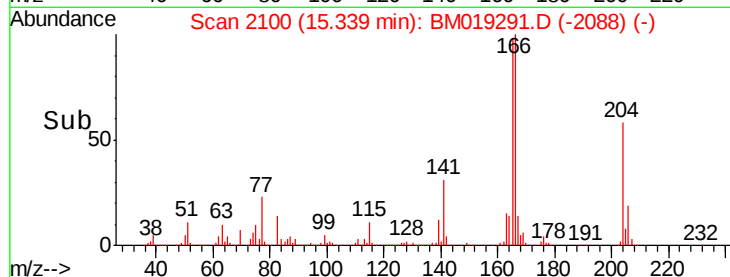
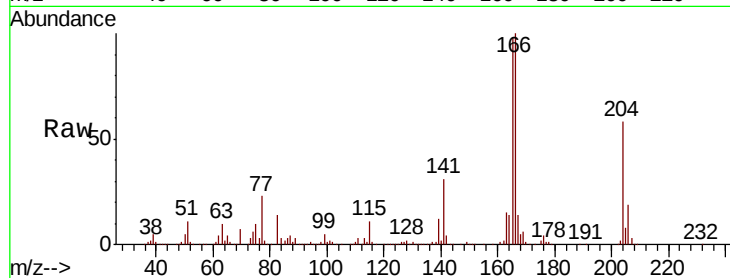




#61
4-Chlorophenyl-phenylether
Concen: 38.433 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

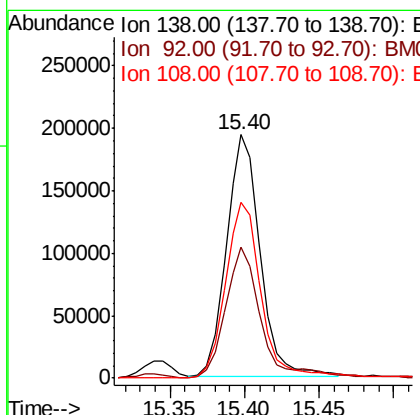
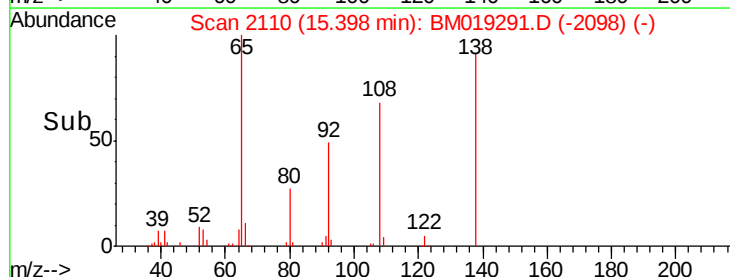
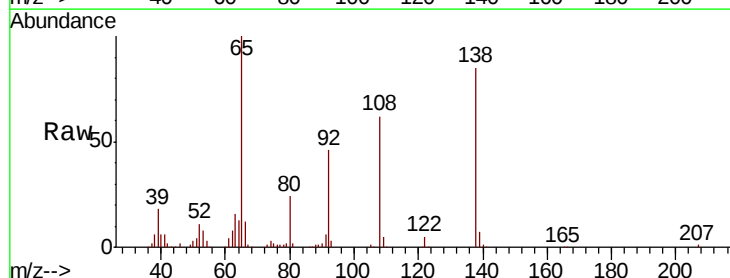
Instrument :
BNA_M
ClientSampleId :
PB118124BS

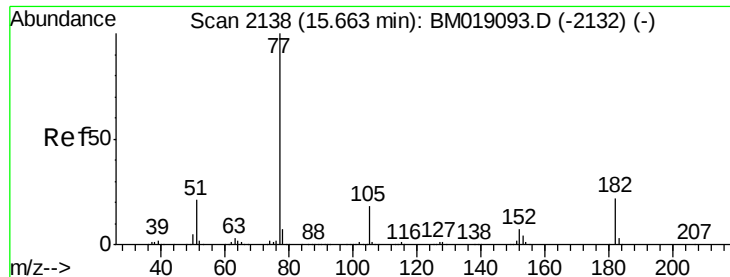
Tgt Ion:204 Resp: 778724
Ion Ratio Lower Upper
204 100
206 32.1 25.5 38.3
141 53.6 47.8 71.8



#62
4-Nitroaniline
Concen: 31.460 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:138 Resp: 307701
Ion Ratio Lower Upper
138 100
92 53.6 36.2 76.2
108 72.2 59.7 99.7





#63

Azobenzene

Concen: 34.298 ng

RT: 15.63 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

Tgt Ion: 77 Resp: 1549477

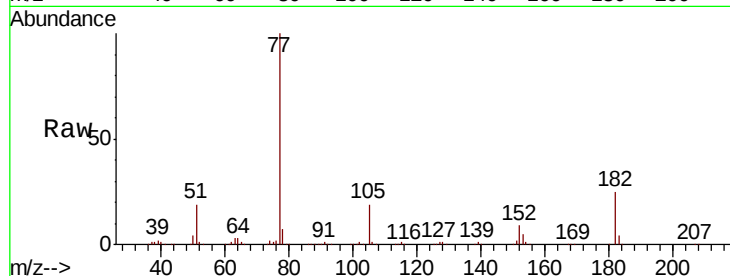
Ion Ratio Lower Upper

77 100

182 25.3 1.8 41.8

105 19.2 0.0 38.3

51 19.5 0.8 40.8

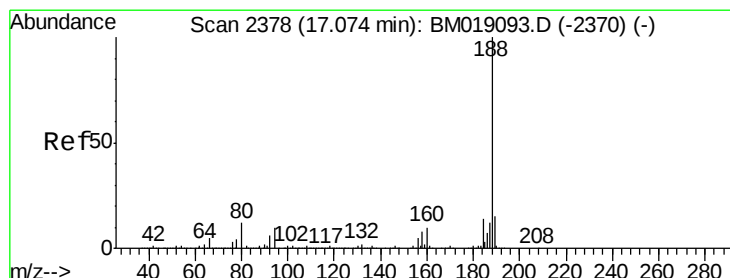
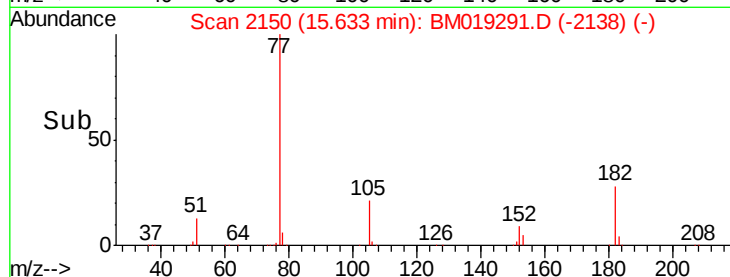
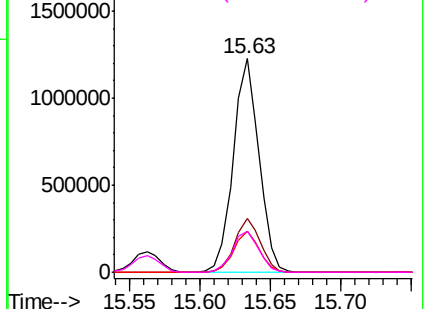


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

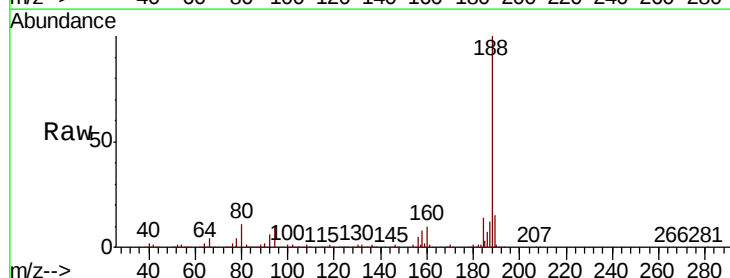
Tgt Ion: 188 Resp: 1091936

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

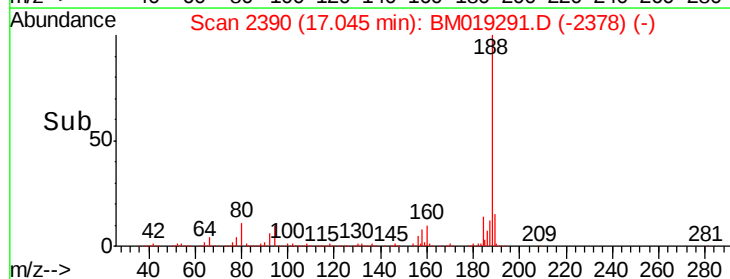
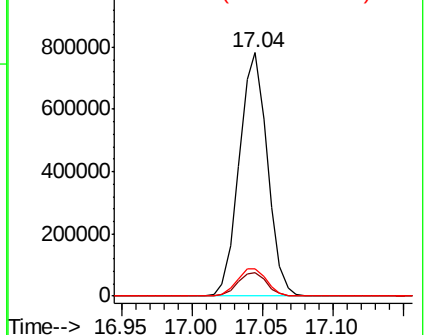
80 11.4 9.7 14.5

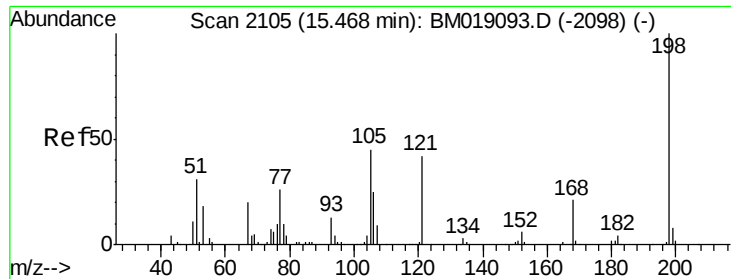


Abundance Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)

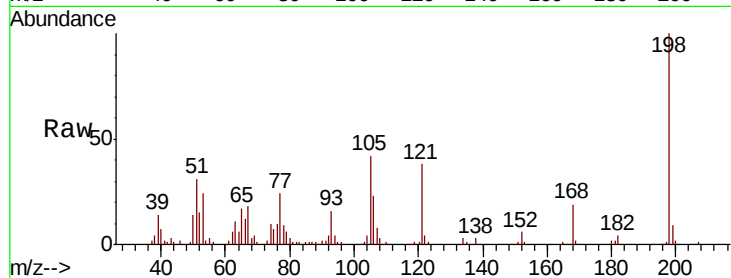




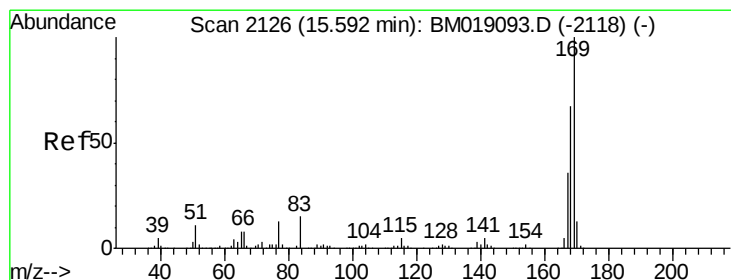
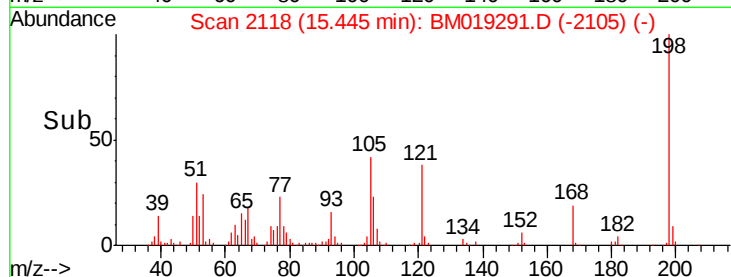
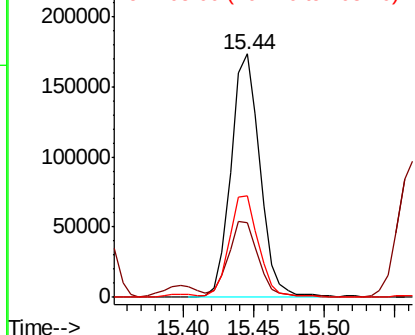
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.750 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Instrument :
 BNA_M
 ClientSampleId :
 PB118124BS

Tgt Ion	Resp	Lower	Upper
198	248647		
51	30.7	17.3	57.3
105	42.0	26.2	66.2

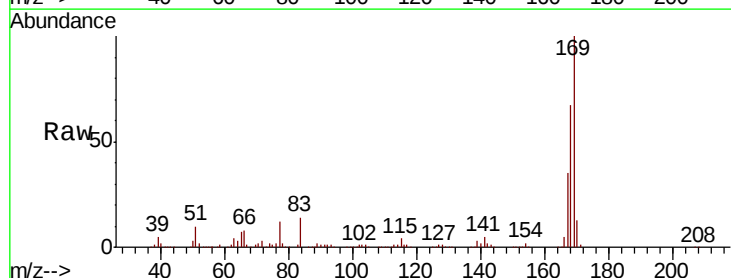


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM019291.D (-2105) (-)
 Ion 105.00 (104.70 to 105.70): E

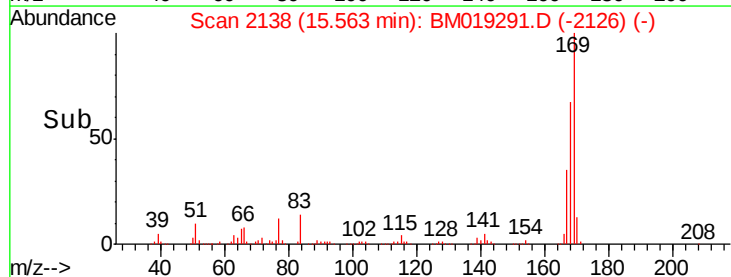
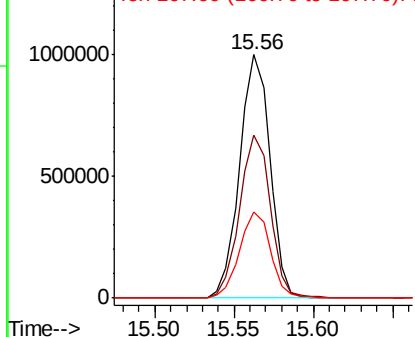


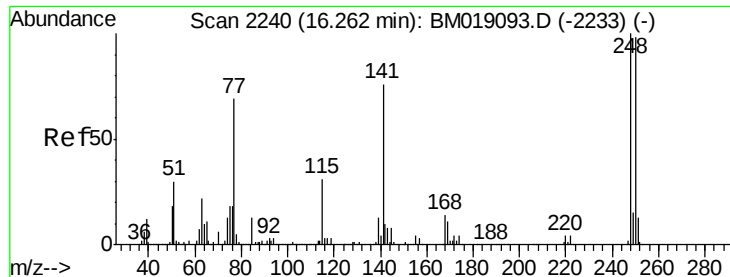
#66
 n-Nitrosodiphenylamine
 Concen: 38.454 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion	Resp	Lower	Upper
169	1336811		
168	66.8	53.9	80.9
167	35.2	28.8	43.2



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

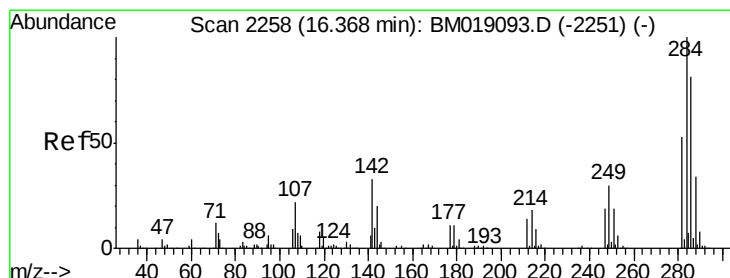
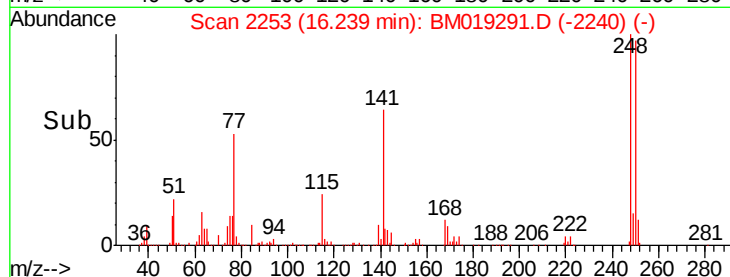
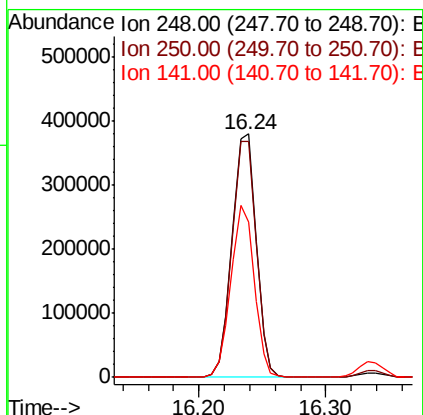
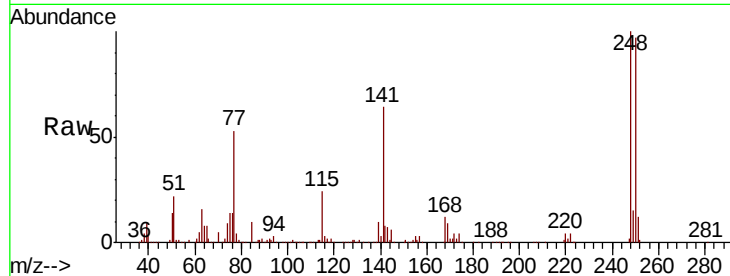




#67
 4-Bromophenyl-phenylether
 Concen: 41.543 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.02 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

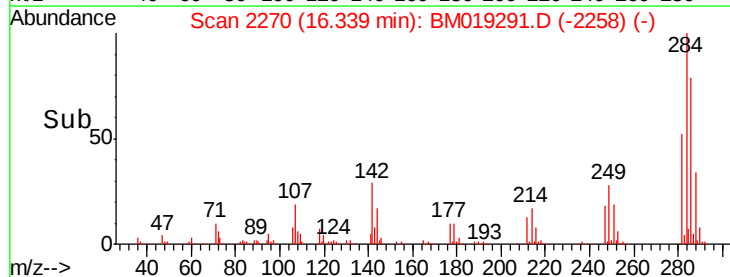
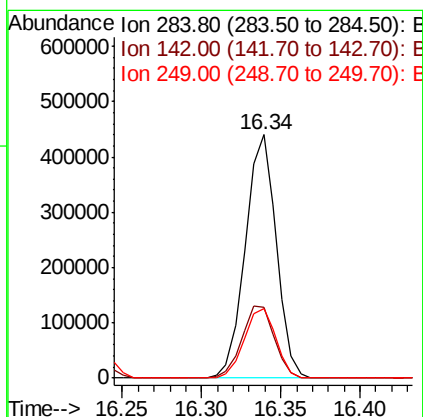
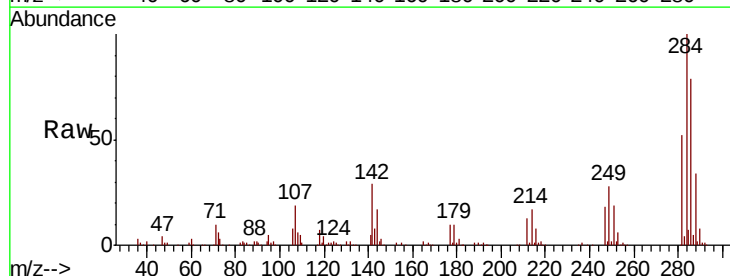
Instrument :
 BNA_M
 ClientSampleId :
 PB118124BS

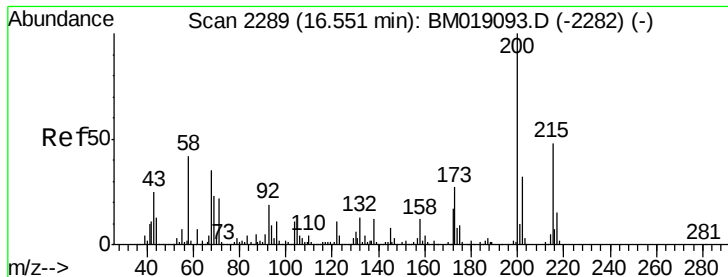
Tgt Ion:248 Resp: 500235
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.0 117.0
 141 63.6 61.0 91.4



#68
 Hexachlorobenzene
 Concen: 41.658 ng
 RT: 16.34 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion:284 Resp: 596364
 Ion Ratio Lower Upper
 284 100
 142 29.1 26.3 39.5
 249 28.4 24.1 36.1





#69

Atrazine

Concen: 39.270 ng

RT: 16.52 min Scan# 2301

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

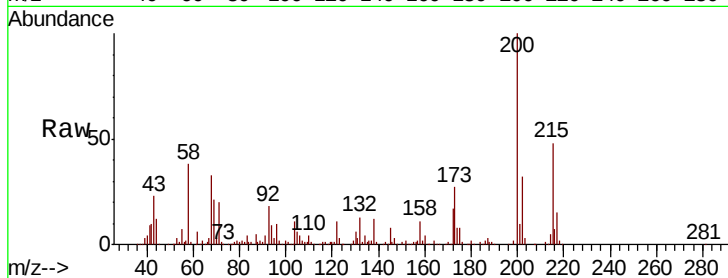
Tgt Ion:200 Resp: 459541

Ion Ratio Lower Upper

200 100

173 27.3 7.0 47.0

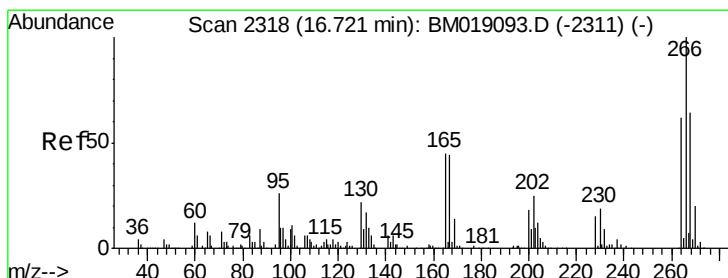
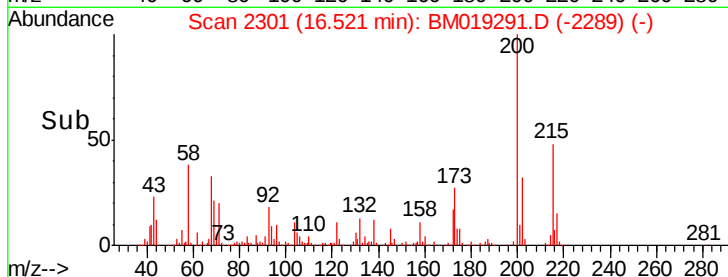
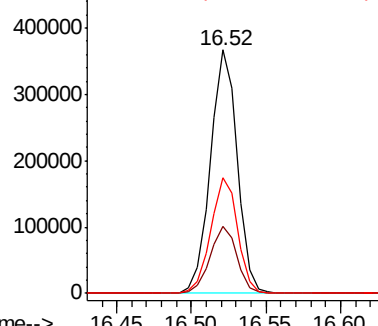
215 47.6 27.7 67.7



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: 78.212 ng

RT: 16.69 min Scan# 2330

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

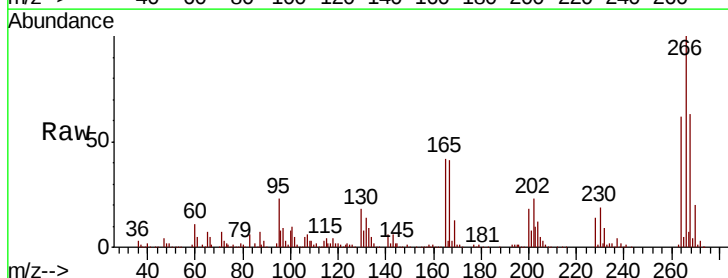
Tgt Ion:266 Resp: 674587

Ion Ratio Lower Upper

266 100

268 63.1 51.3 76.9

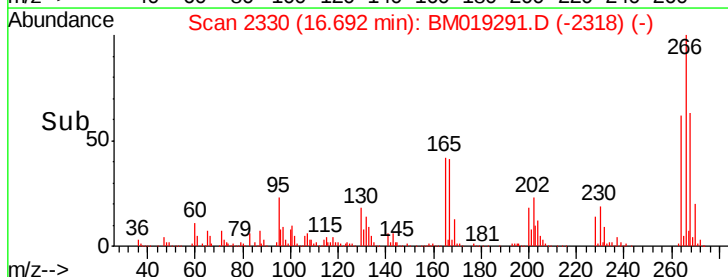
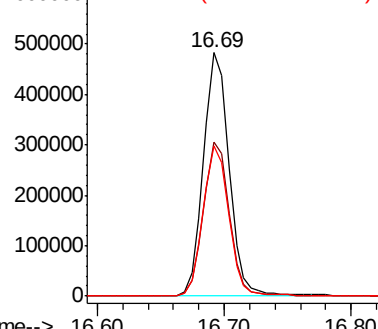
264 61.7 50.0 75.0

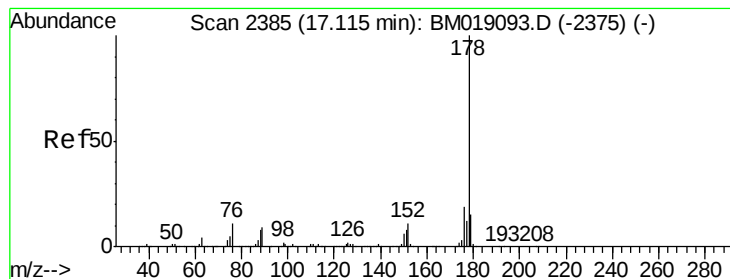


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.310 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

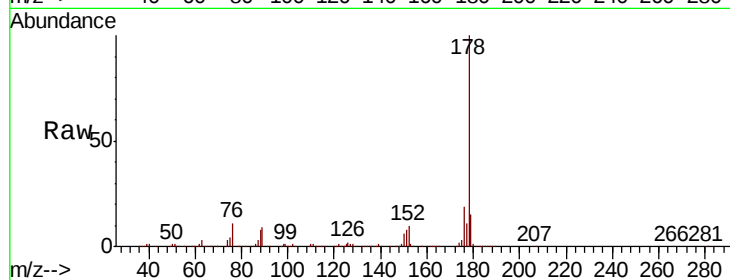
Tgt Ion:178 Resp: 2515943

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

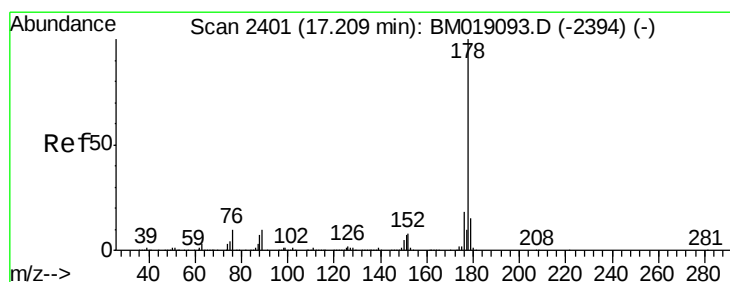
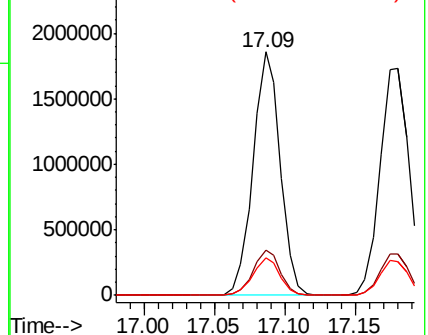
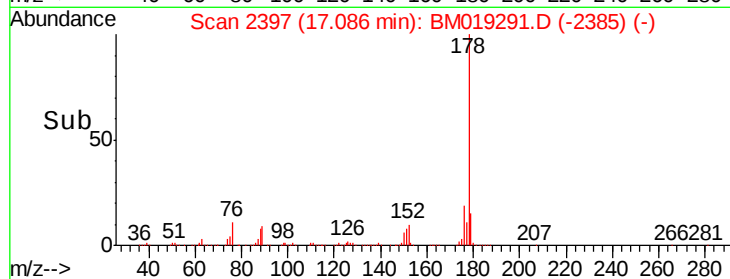
179 15.3 12.2 18.2



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: 39.724 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

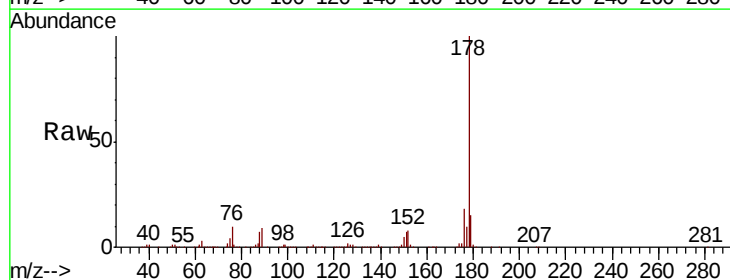
Tgt Ion:178 Resp: 2488932

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

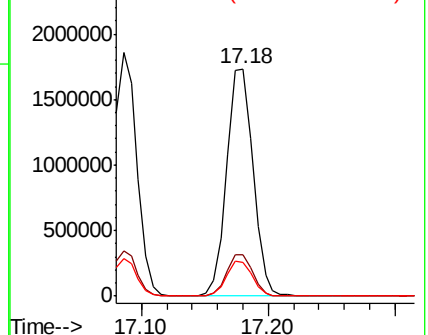
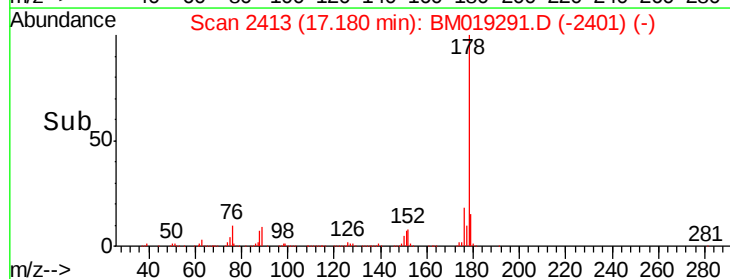
179 15.1 11.9 17.9

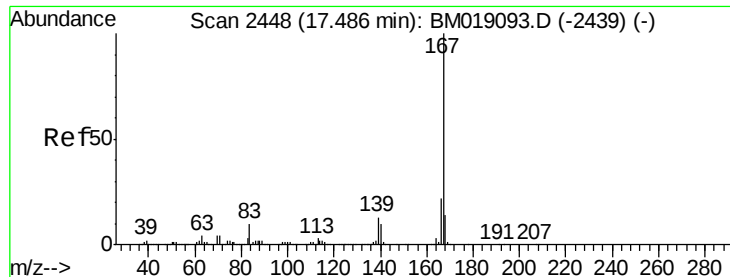


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

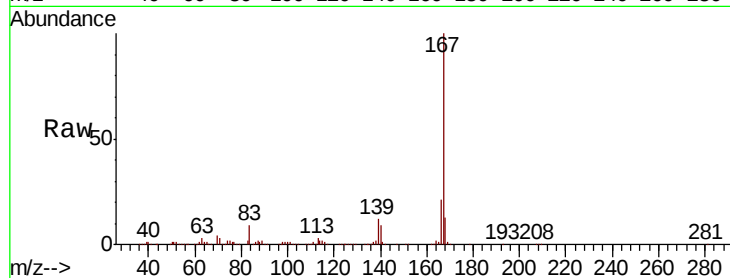




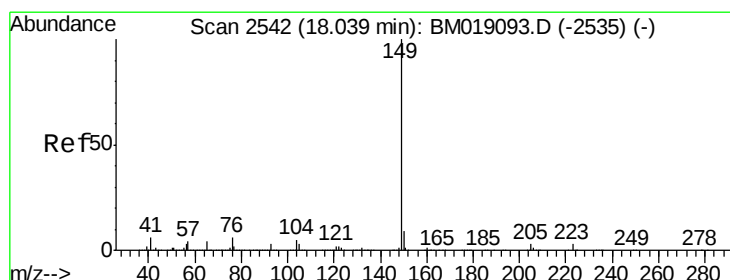
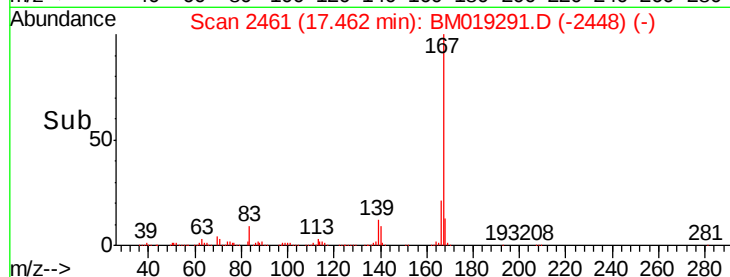
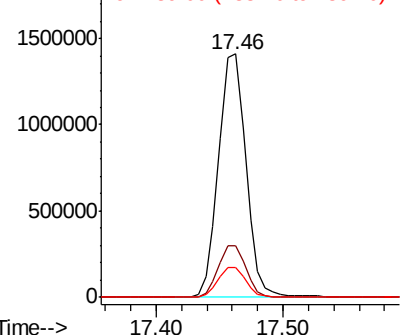
#73
 Carbazole
 Concen: 35.880 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Instrument :
 BNA_M
 ClientSampleId :
 PB118124BS

Tgt Ion:167 Resp: 2121790
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.8
 139 12.3 10.5 15.7

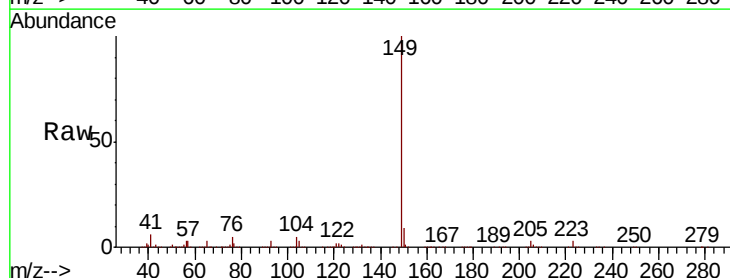


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

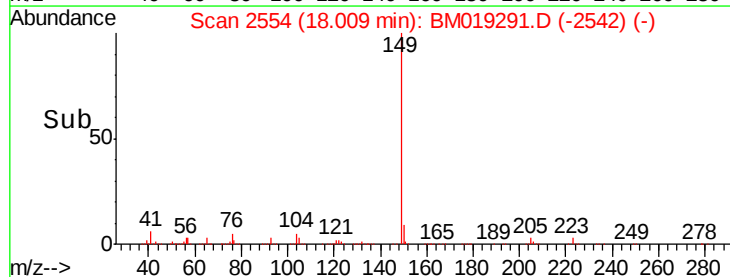
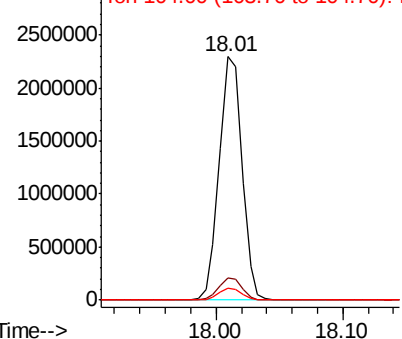


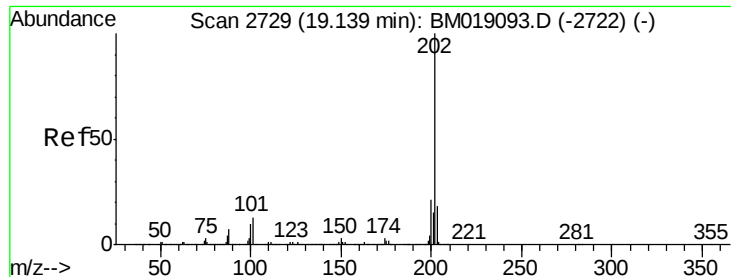
#74
 Di-n-butylphthalate
 Concen: 39.792 ng
 RT: 18.01 min Scan# 2554
 Delta R.T. -0.03 min
 Lab File: BM019291.D
 Acq: 21 Mar 2019 15:30

Tgt Ion:149 Resp: 2845528
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.2 6.4



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





#75

Fluoranthene

Concen: 37.299 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.03 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

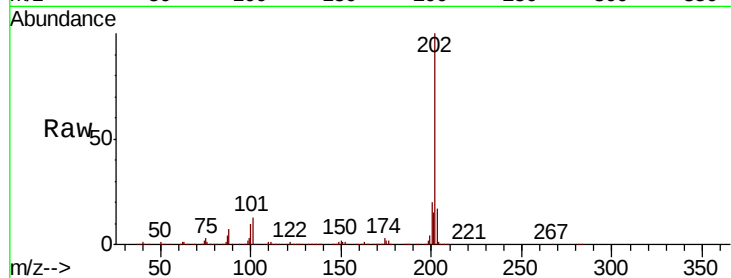
Tgt Ion:202 Resp: 2739220

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.0

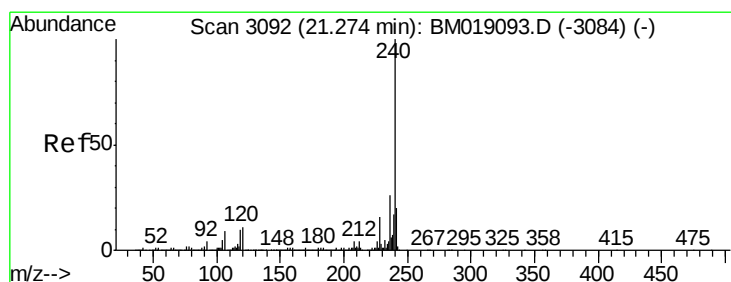
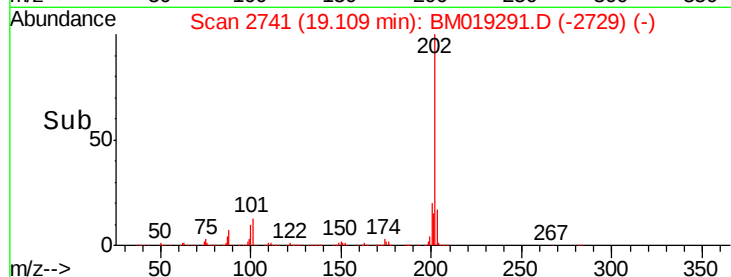
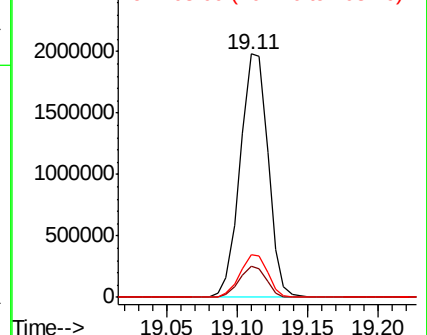
203 17.5 0.0 37.8



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: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

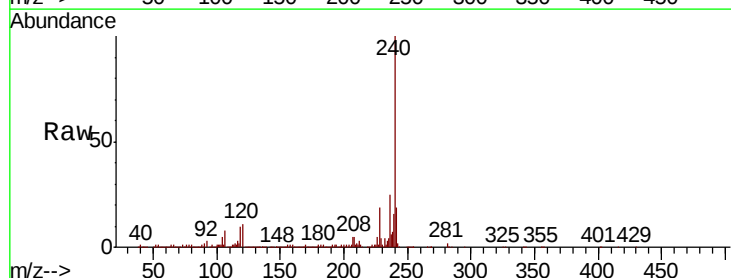
Tgt Ion:240 Resp: 980176

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

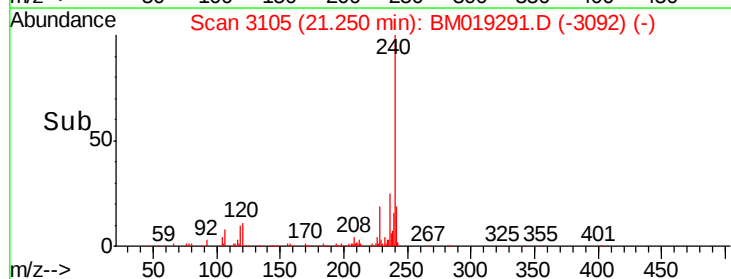
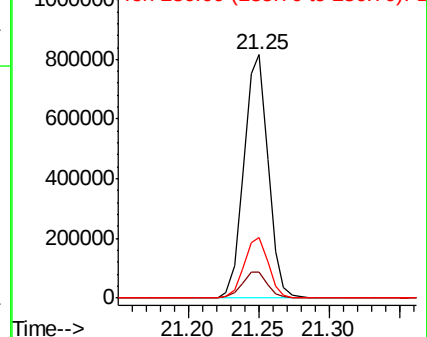
236 25.1 21.0 31.4

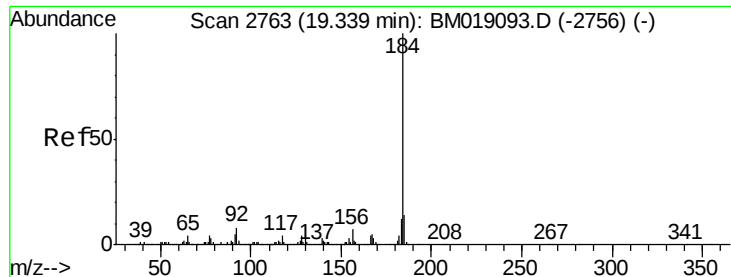


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.800 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

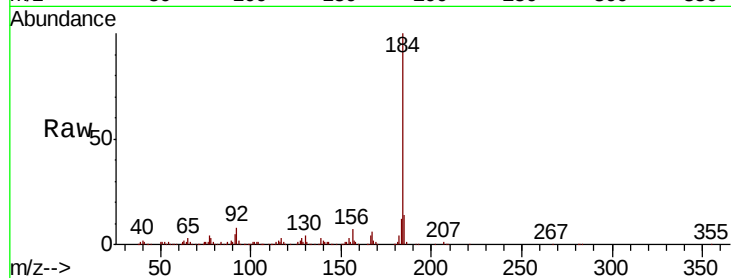
Tgt Ion:184 Resp: 1078591

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

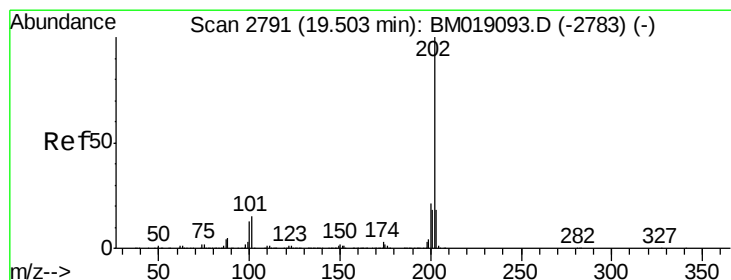
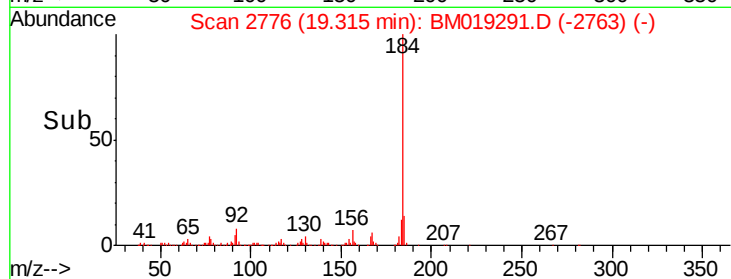
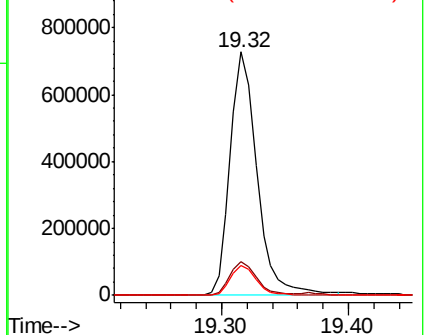
183 12.2 9.8 14.6



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: 42.053 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

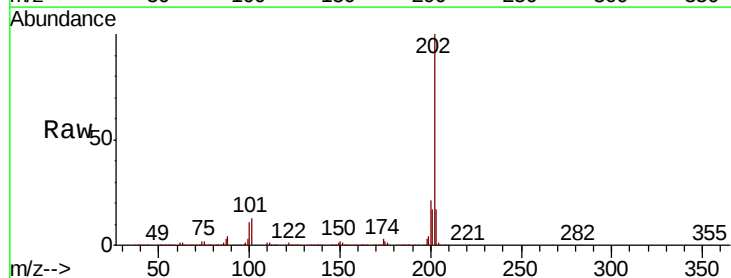
Tgt Ion:202 Resp: 2608015

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

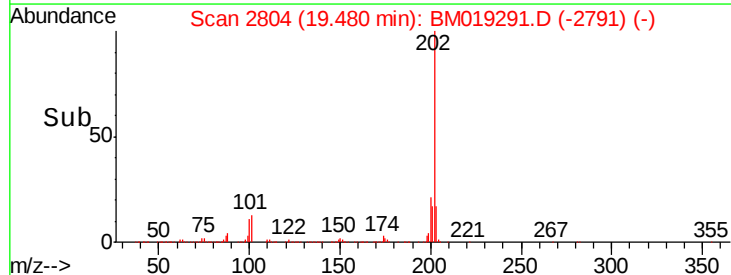
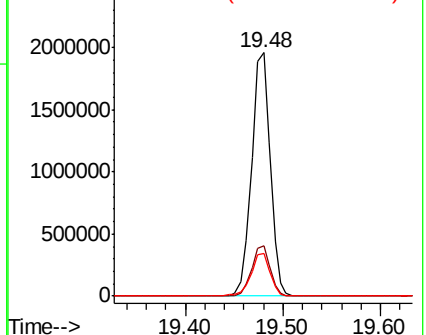
203 17.3 14.0 21.0

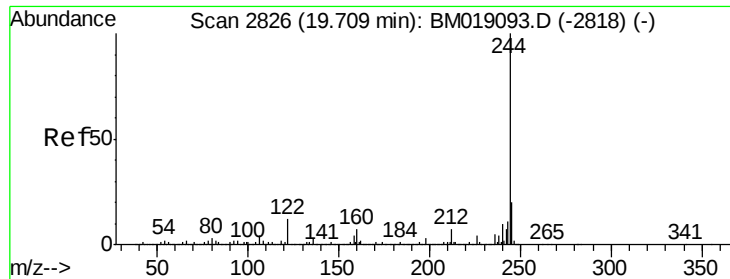


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.698 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

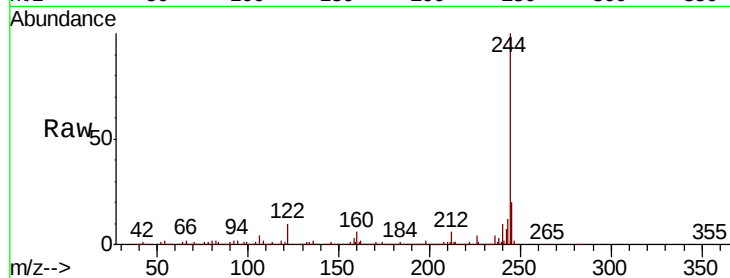
Tgt Ion:244 Resp: 4329991

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

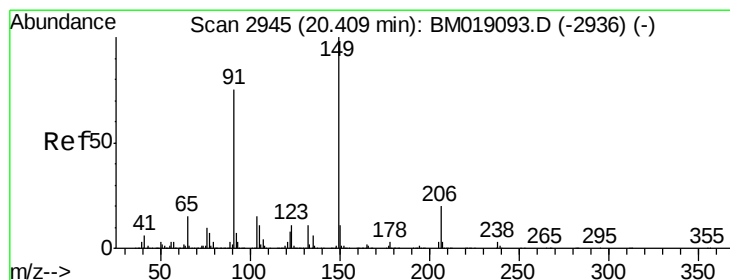
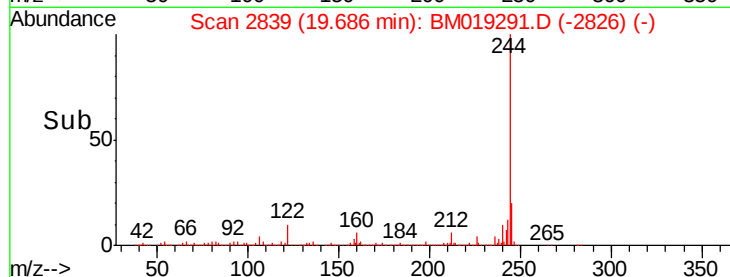
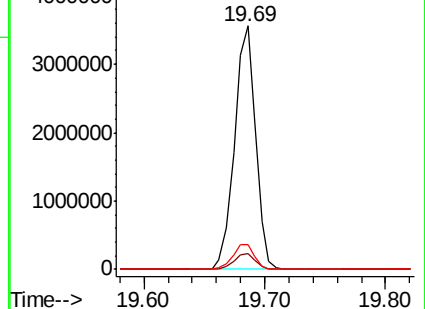
122 10.1 9.4 14.2



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: 45.908 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

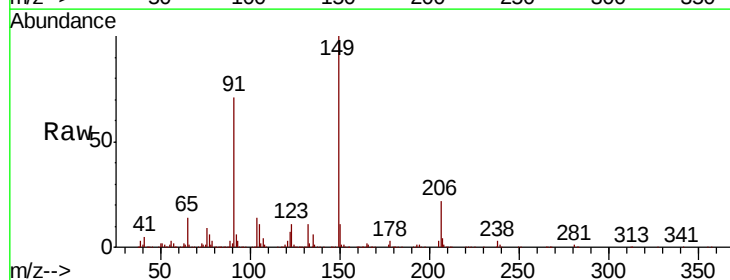
Tgt Ion:149 Resp: 1240054

Ion Ratio Lower Upper

149 100

91 71.1 60.1 90.1

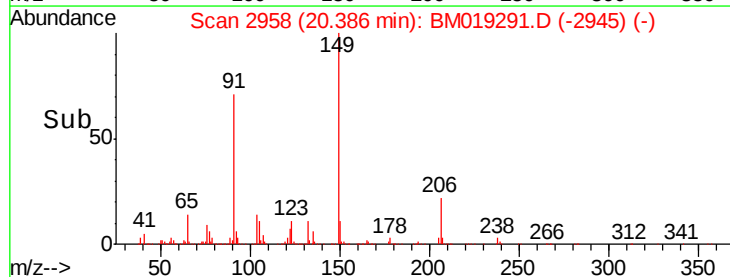
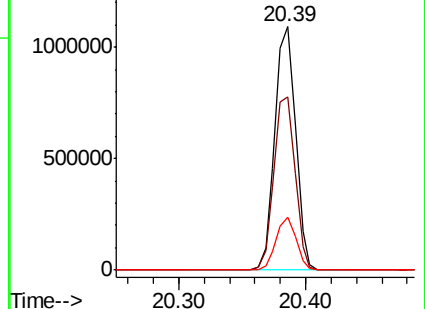
206 21.5 16.2 24.2

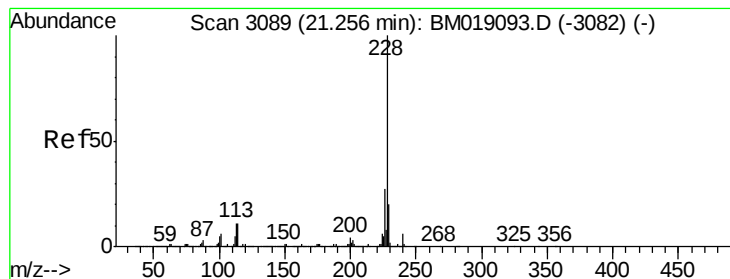


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.002 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

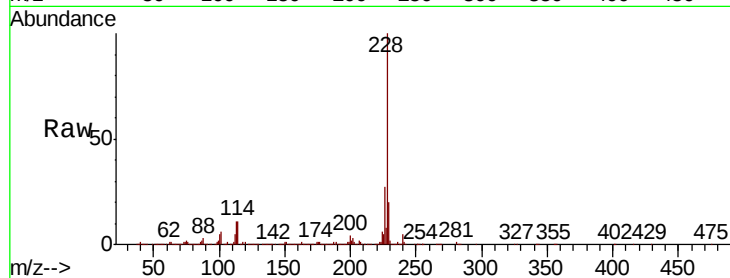
Tgt Ion:228 Resp: 2398339

Ion Ratio Lower Upper

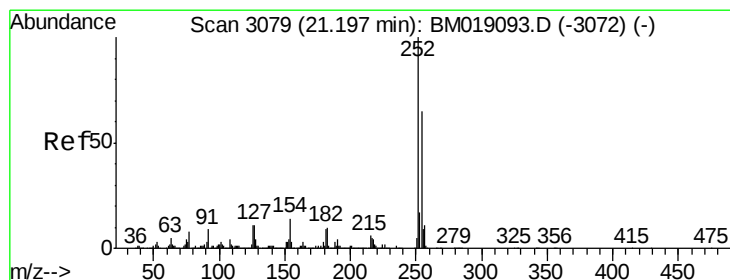
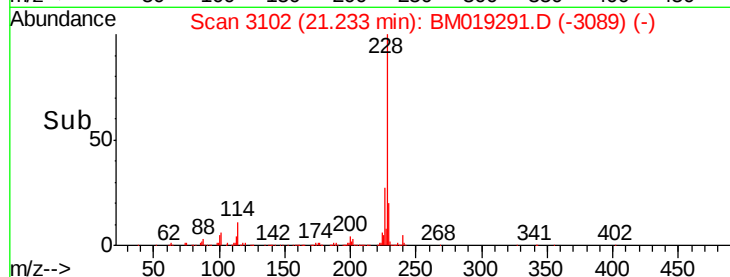
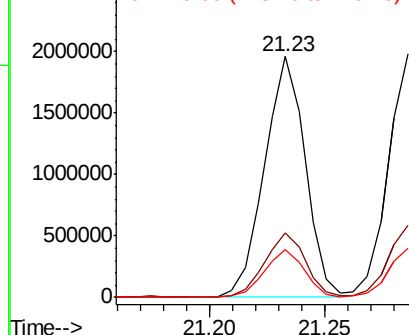
228 100

226 27.0 21.8 32.8

229 19.7 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



#82

3,3'-Dichlorobenzidine

Concen: 31.986 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

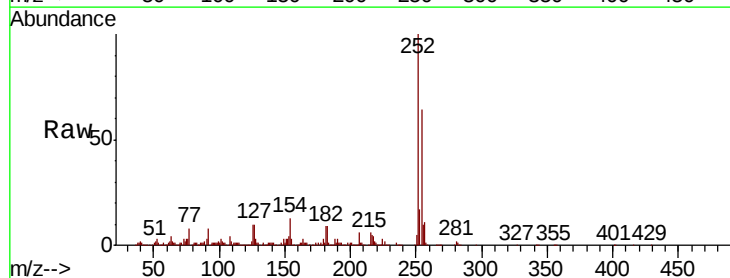
Tgt Ion:252 Resp: 757718

Ion Ratio Lower Upper

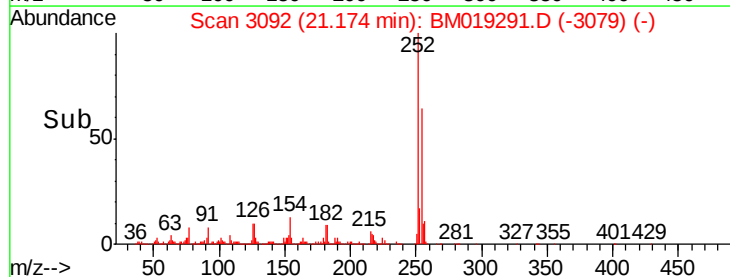
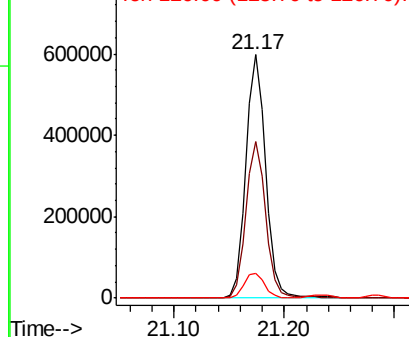
252 100

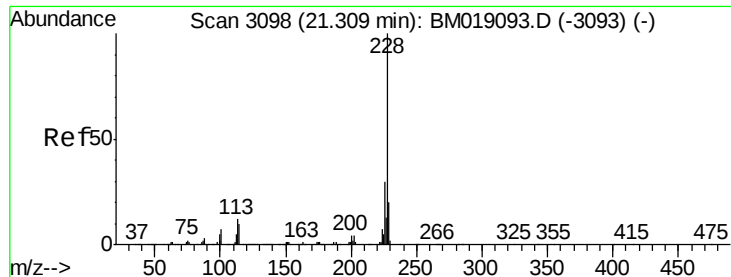
254 64.3 52.4 78.6

126 10.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.573 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

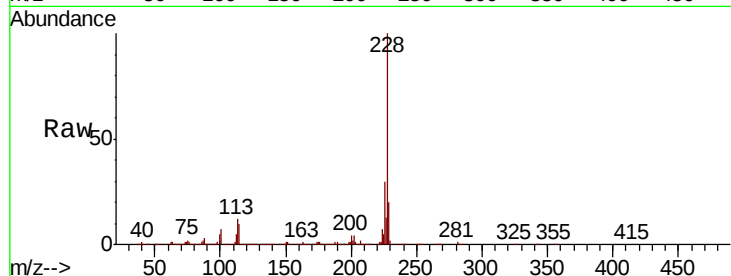
Tgt Ion:228 Resp: 2294737

Ion Ratio Lower Upper

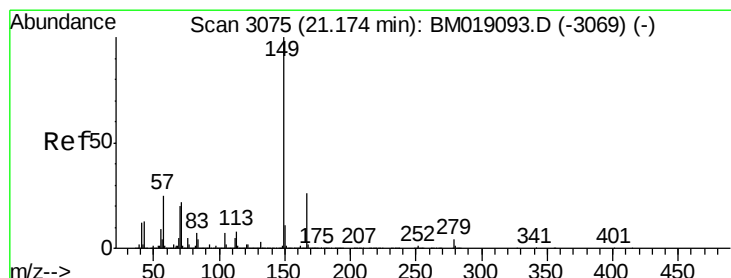
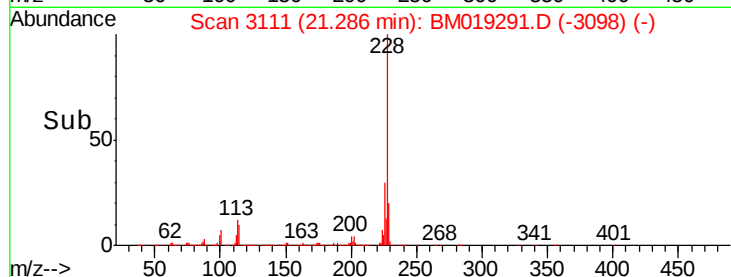
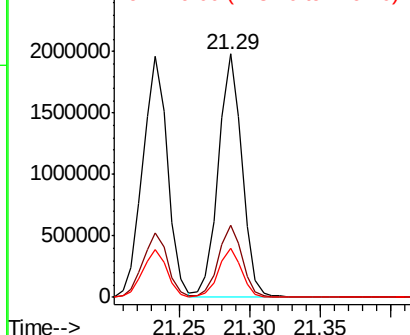
228 100

226 29.7 23.8 35.8

229 19.9 15.7 23.5



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: 46.423 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

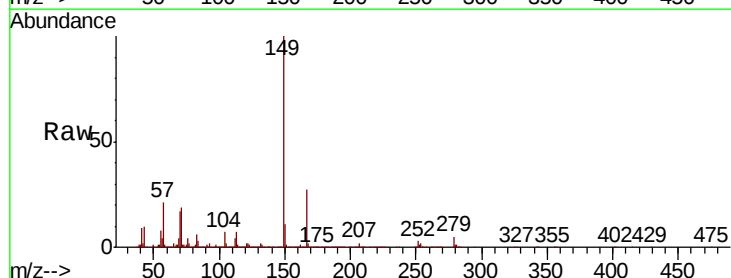
Tgt Ion:149 Resp: 1824336

Ion Ratio Lower Upper

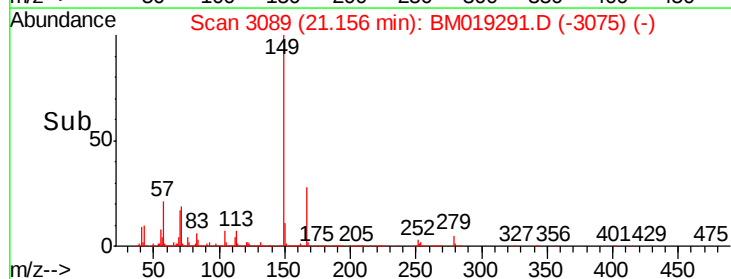
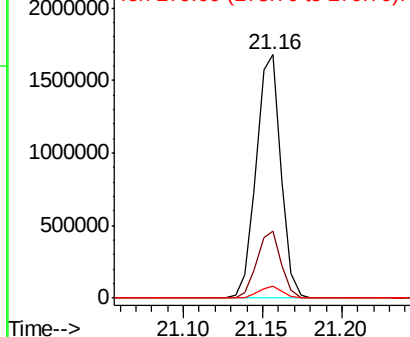
149 100

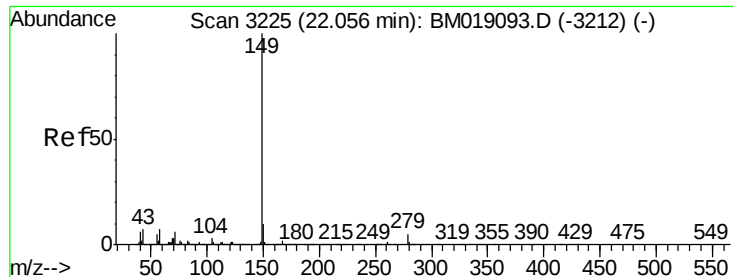
167 27.5 21.1 31.7

279 5.1 3.2 4.8#



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: 41.700 ng

RT: 22.03 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

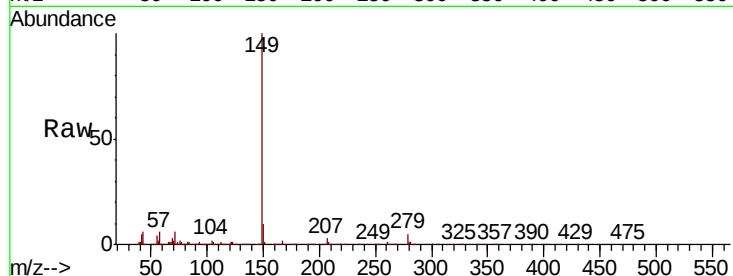
Tgt Ion:149 Resp: 2759425

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

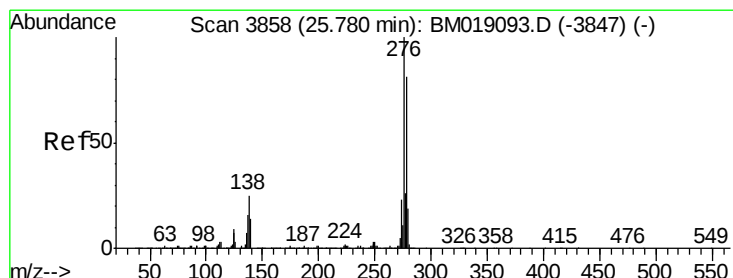
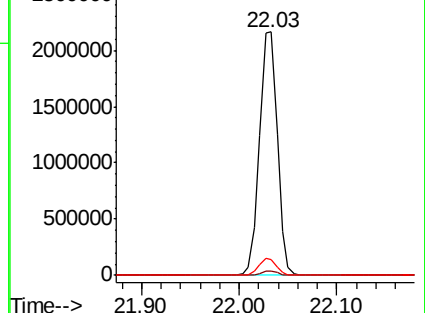
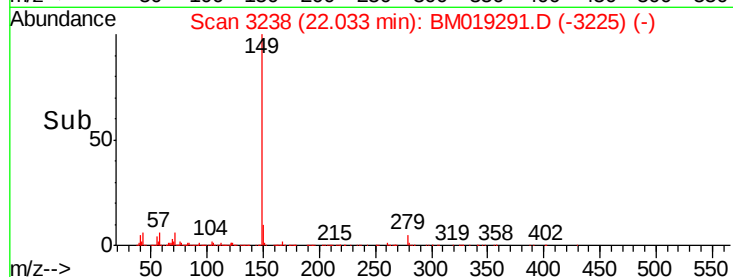
43 6.7 6.1 9.1



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: 37.517 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.05 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

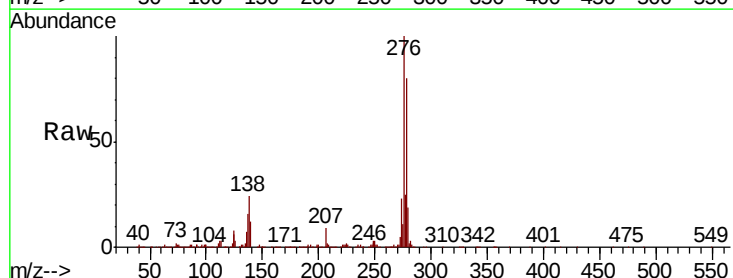
Tgt Ion:276 Resp: 2402580

Ion Ratio Lower Upper

276 100

138 23.1 19.8 29.8

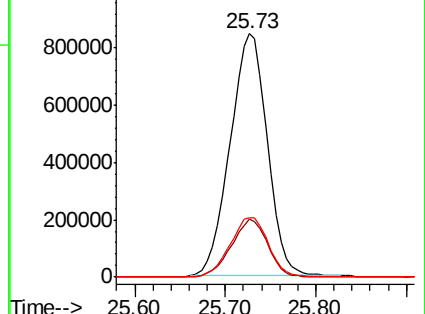
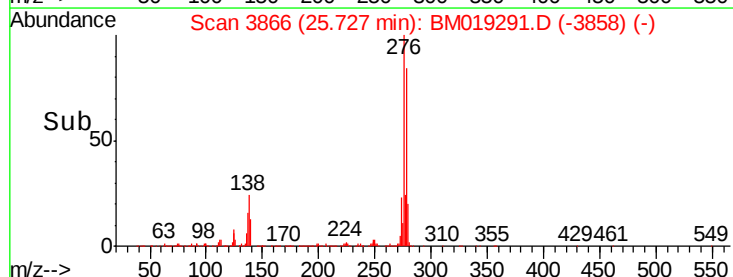
277 25.1 20.3 30.5

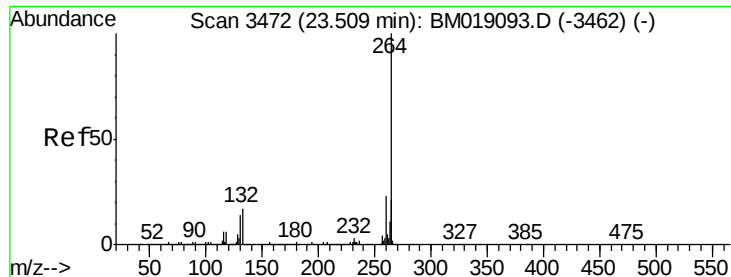


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

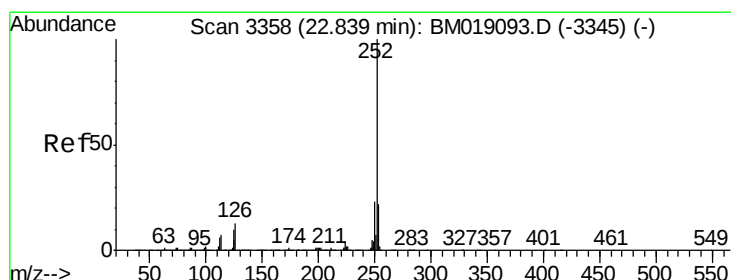
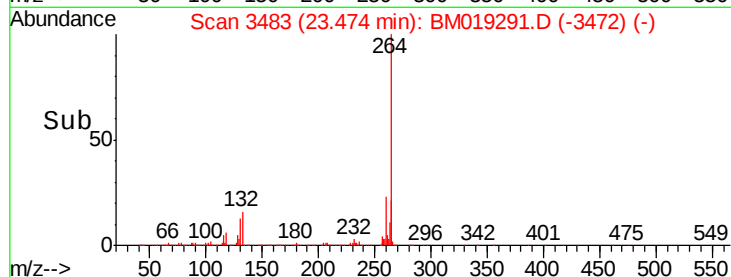
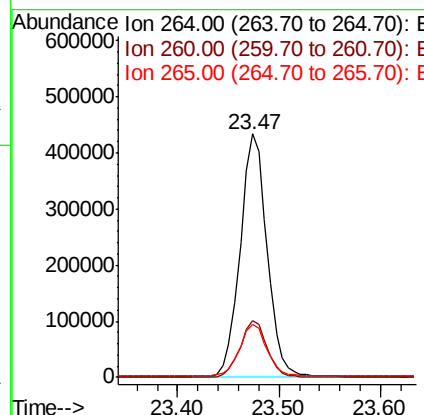
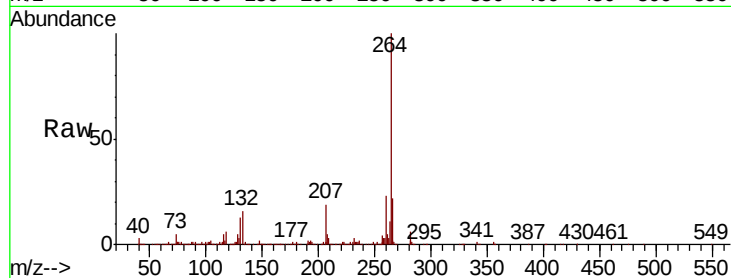




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

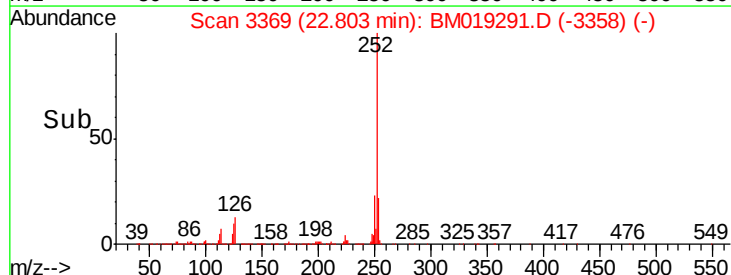
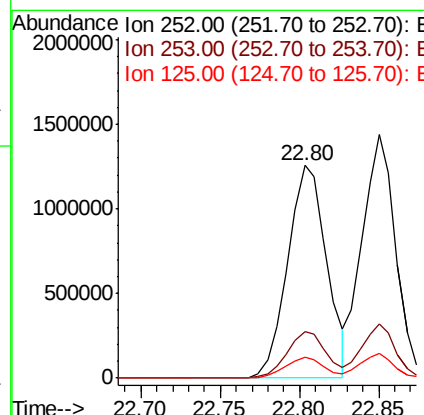
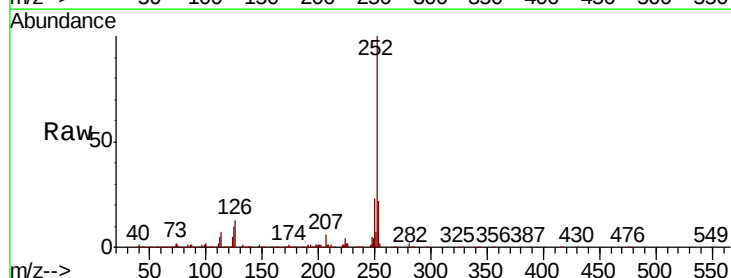
Instrument :
BNA_M
ClientSampleId :
PB118124BS

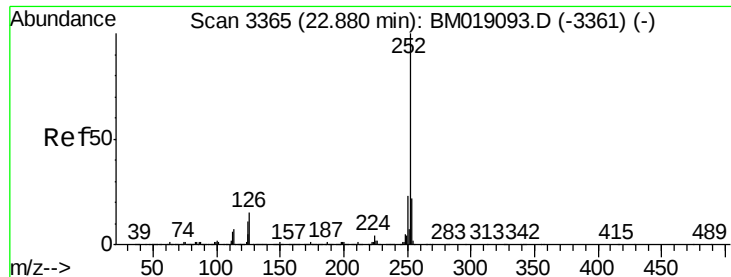
Tgt Ion:264 Resp: 801643
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.9 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 41.234 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:252 Resp: 2141896
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.8 8.1 12.1

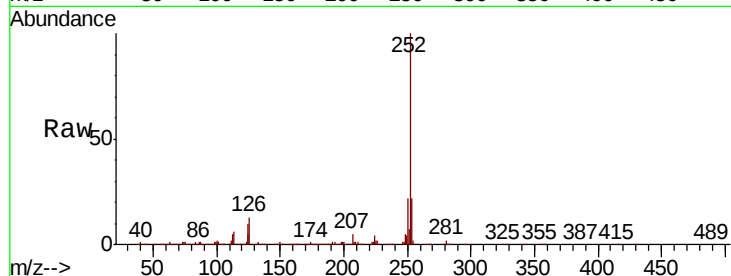




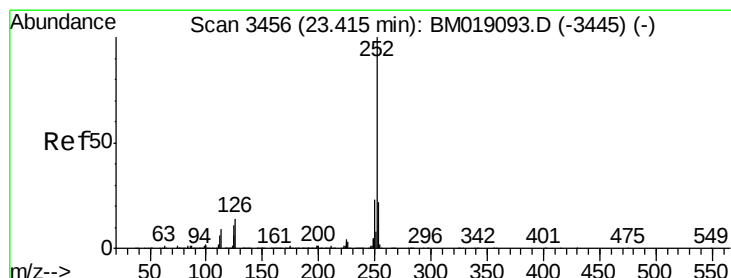
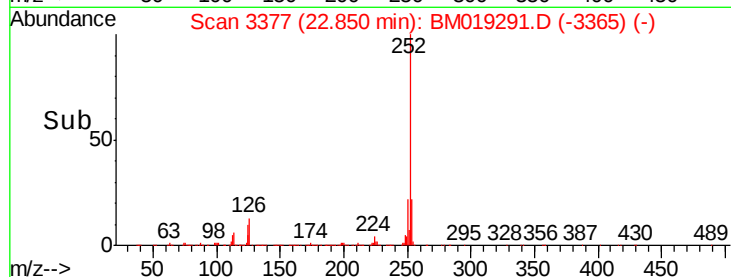
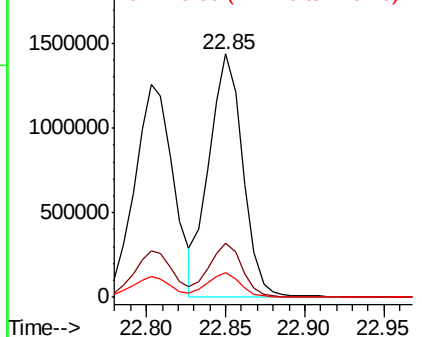
#89
Benzo(k)fluoranthene
Concen: 44.442 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.03 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Instrument :
BNA_M
ClientSampleId :
PB118124BS

Tgt Ion:252 Resp: 2123327
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.0 8.8 13.2

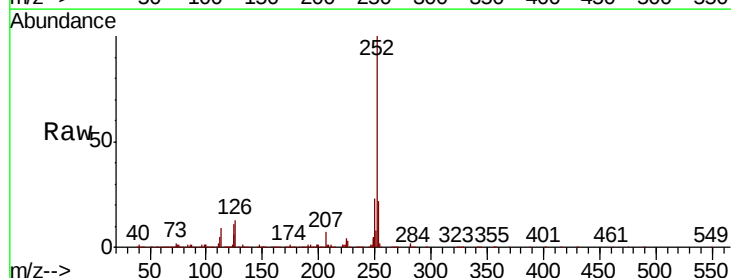


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

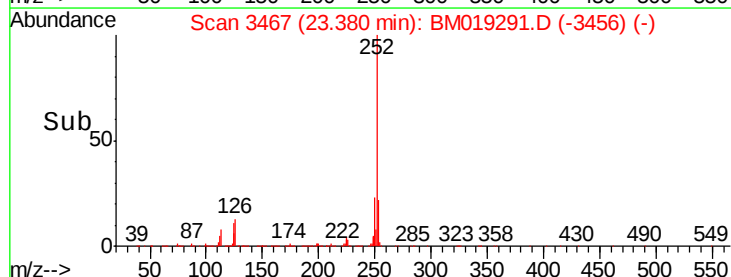
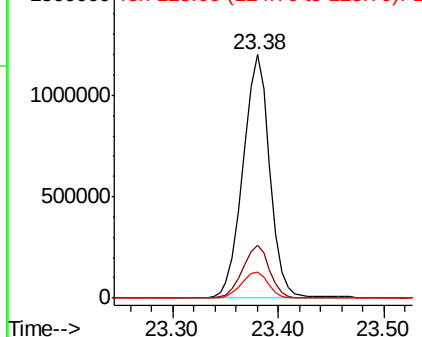


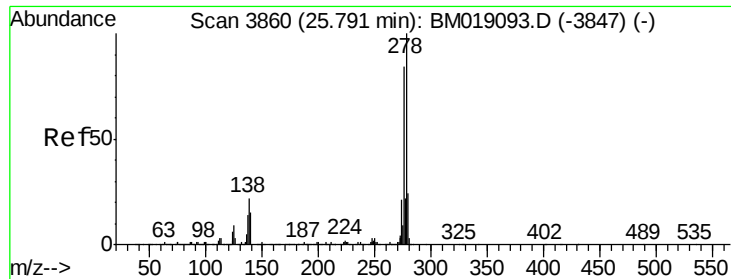
#90
Benzo(a)pyrene
Concen: 45.318 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.04 min
Lab File: BM019291.D
Acq: 21 Mar 2019 15:30

Tgt Ion:252 Resp: 2115468
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.7 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 46.601 ng

RT: 25.74 min Scan# 3868

Delta R.T. -0.05 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

Instrument :

BNA_M

ClientSampleId :

PB118124BS

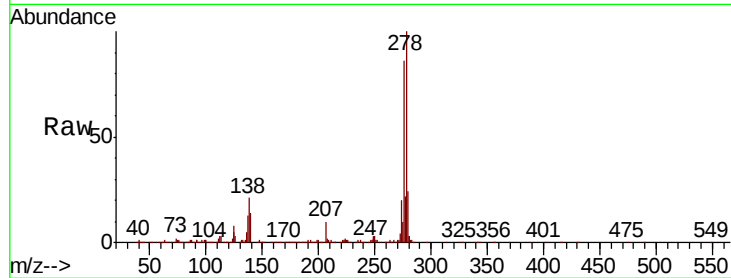
Tgt Ion:278 Resp: 2080969

Ion Ratio Lower Upper

278 100

139 14.4 12.3 18.5

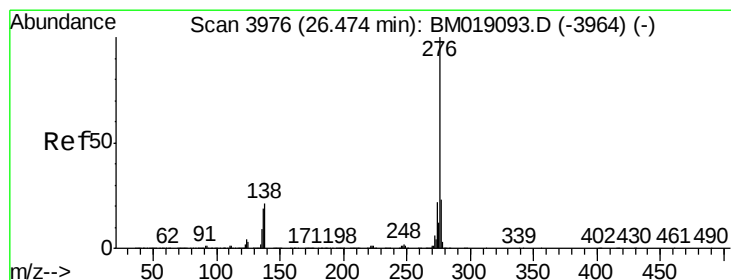
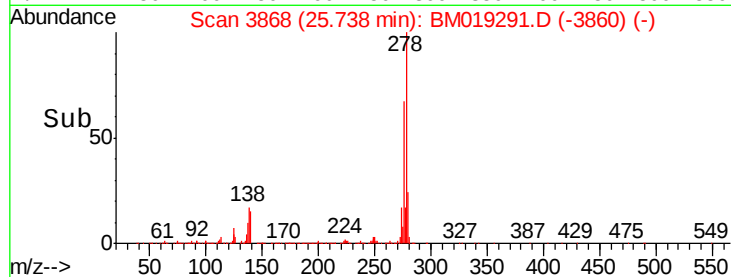
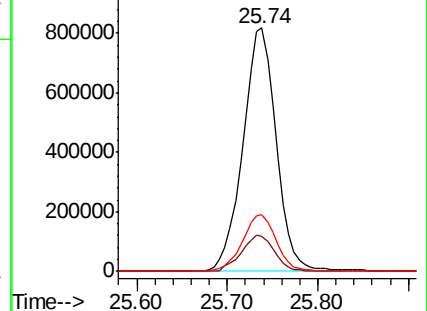
279 23.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.761 ng

RT: 26.42 min Scan# 3984

Delta R.T. -0.05 min

Lab File: BM019291.D

Acq: 21 Mar 2019 15:30

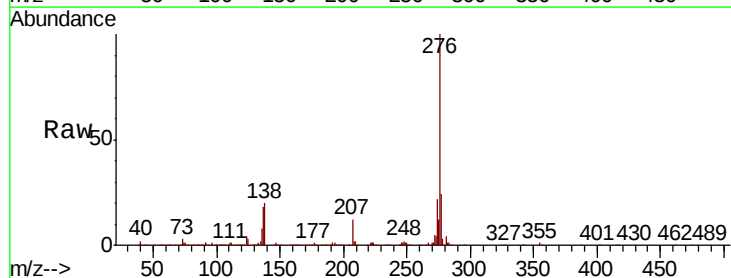
Tgt Ion:276 Resp: 2122059

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.2 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

