

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018344.D
 Acq On : 20 Dec 2018 23:35
 Operator : JU/SJ
 Sample : J6388-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Quant Time: Dec 21 01:27:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	120784	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	415508	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	202826	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	425054	20.00	ng	0.00
76) Chrysene-d12	21.14	240	557195	20.00	ng	0.00
87) Perylene-d12	23.31	264	601804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1234690	170.76	ng	0.00
7) Phenol-d6	6.71	99	1540482	153.29	ng	0.00
23) Nitrobenzene-d5	8.65	82	1008579	124.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	438354	147.25	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1613382	103.03	ng	-0.02
79) Terphenyl-d14	19.57	244	2254317	91.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	113520	39.634	ng	98
3) Pyridine	3.51	79	303989	36.077	ng	96
4) n-Nitrosodimethylamine	3.43	42	151855	52.358	ng	95
6) Aniline	6.85	93	195148	15.479	ng	96
8) 2-Chlorophenol	7.07	128	348140	40.752	ng	97
9) Benzaldehyde	6.66	77	122900	20.063	ng	93
10) Phenol	6.73	94	604953	56.839	ng	96
11) bis(2-Chloroethyl)ether	6.94	93	337609	39.912	ng	99
12) 1,3-Dichlorobenzene	7.37	146	370666	38.856	ng	98
13) 1,4-Dichlorobenzene	7.52	146	388444	40.099	ng	98
14) 1,2-Dichlorobenzene	7.83	146	364469	39.029	ng	98
15) Benzyl Alcohol	7.75	79	330993	40.420	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	267283	35.113	ng	92
17) 2-Methylphenol	7.96	107	298274	41.971	ng	92
18) Hexachloroethane	8.53	117	128036	36.060	ng	94
19) n-Nitroso-di-n-propylamine	8.30	70	285180	38.005	ng	96
20) 3+4-Methylphenols	8.28	107	449179	45.107	ng	96
22) Acetophenone	8.32	105	526256	47.860	ng	# 99
24) Nitrobenzene	8.69	77	411233	50.807	ng	93
25) Isophorone	9.21	82	686008	50.866	ng	99
26) 2-Nitrophenol	9.39	139	120618	30.383	ng	# 86
27) 2,4-Dimethylphenol	9.46	122	301608	52.715	ng	93
28) bis(2-Chloroethoxy)methane	9.69	93	405903	46.172	ng	98
29) 2,4-Dichlorophenol	9.93	162	276947	43.657	ng	97
30) 1,2,4-Trichlorobenzene	10.12	180	468904	64.984	ng	94
31) Naphthalene	10.30	128	966702	47.580	ng	99
32) Benzoic acid	9.66	122	161057	29.728	ng	86
33) 4-Chloroaniline	10.45	127	110719	12.441	ng	97
34) Hexachlorobutadiene	10.57	225	191832	42.035	ng	98
35) Caprolactam	11.27	113	81476	33.706	ng	90
36) 4-Chloro-3-methylphenol	11.59	107	301981	39.617	ng	96
37) 2-Methylnaphthalene	11.93	142	679152	47.400	ng	97
38) 1-Methylnaphthalene	12.15	142	635551	45.457	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	337865	48.442	ng	98

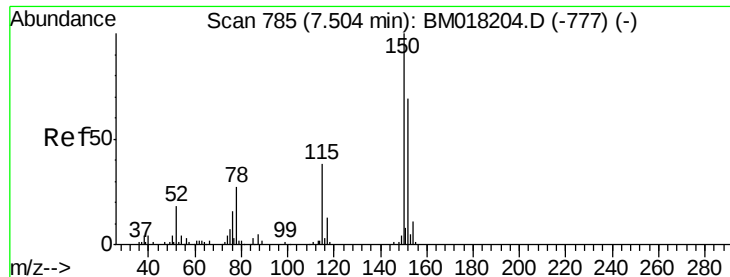
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018344.D
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 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	37829	19.223	ng	96
43) 2,4,6-Trichlorophenol	12.57	196	205563	45.824	ng	95
44) 2,4,5-Trichlorophenol	12.66	196	214437	45.027	ng	95
46) 1,1'-Biphenyl	12.97	154	782688	42.894	ng	98
47) 2-Chloronaphthalene	13.01	162	572209	42.606	ng	98
48) 2-Nitroaniline	13.25	65	212115	51.271	ng	93
49) Acenaphthylene	13.87	152	1192105	58.902	ng	98
50) Dimethylphthalate	13.62	163	802397	47.585	ng	99
51) 2,6-Dinitrotoluene	13.75	165	132517	35.749	ng	85
52) Acenaphthene	14.22	154	529079	42.776	ng	99
53) 3-Nitroaniline	14.09	138	100830	25.848	ng #	88
54) 2,4-Dinitrophenol	14.32	184	6740	3.296	ng #	83
55) Dibenzofuran	14.55	168	876708	44.113	ng	97
56) 4-Nitrophenol	14.44	139	236938	80.111	ng #	80
57) 2,4-Dinitrotoluene	14.56	165	183475	35.808	ng #	83
58) Fluorene	15.21	166	763849	49.763	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	196657	45.851	ng #	95
60) Diethylphthalate	15.00	149	731257	40.185	ng	98
61) 4-Chlorophenyl-phenylether	15.21	204	348492	40.144	ng	99
62) 4-Nitroaniline	15.27	138	104083	28.119	ng	86
63) Azobenzene	15.50	77	743431	44.805	ng	98
65) 4,6-Dinitro-2-methylphenol	15.33	198	7620	2.435	ng #	47
66) n-Nitrosodiphenylamine	15.43	169	575087	40.915	ng	99
67) 4-Bromophenyl-phenylether	16.10	248	203794	39.589	ng	96
68) Hexachlorobenzene	16.22	284	229030	40.611	ng	97
69) Atrazine	16.41	200	201592	42.484	ng	99
70) Pentachlorophenol	16.57	266	275383	73.937	ng	97
71) Phenanthrene	16.96	178	1864659	80.763	ng	99
72) Anthracene	17.05	178	1287849	56.226	ng	100
73) Carbazole	17.33	167	972074	41.348	ng	99
74) Di-n-butylphthalate	17.90	149	1209607	41.700	ng	99
75) Fluoranthene	18.99	202	1851246	68.965	ng	100
78) Pyrene	19.36	202	2348117	70.726	ng	99
80) Butylbenzylphthalate	20.28	149	633777	40.126	ng	92
81) Benzo(a)anthracene	21.13	228	1858644	57.104	ng	95
82) 3,3'-Dichlorobenzidine	21.08	252	35127	2.701	ng #	77
83) Chrysene	21.18	228	1796754	57.392	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	944108	40.107	ng	99
85) Di-n-octyl phthalate	21.93	149	1710402	44.367	ng	100
86) Indeno(1,2,3-cd)pyrene	25.46	276	1915941	61.437	ng	98
88) Benzo(b)fluoranthene	22.67	252	1805188	53.400	ng	99
89) Benzo(k)fluoranthene	22.71	252	1629870	48.413	ng	98
90) Benzo(a)pyrene	23.22	252	1885610	58.648	ng	100
91) Dibenzo(a,h)anthracene	25.47	278	1487124	49.932	ng	99
92) Benzo(g,h,i)perylene	26.11	276	1684917	59.849	ng	99

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

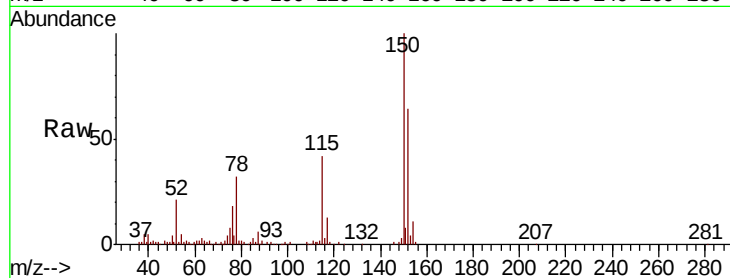


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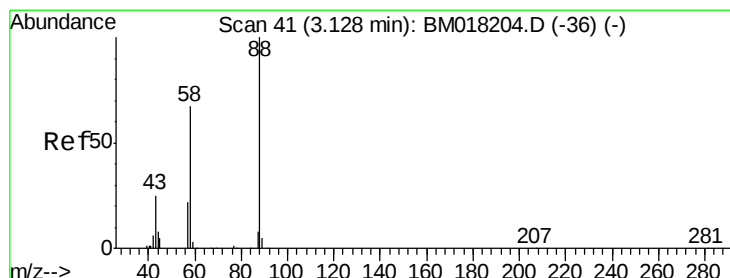
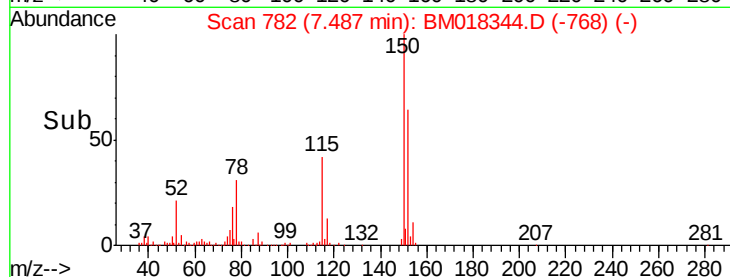
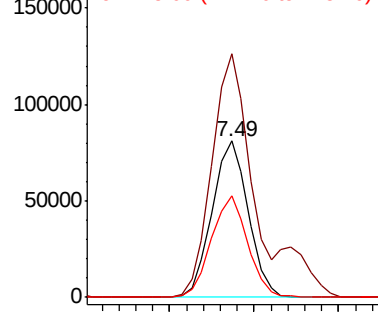
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tgt Ion:152 Resp: 120784
Ion Ratio Lower Upper
152 100
150 155.7 116.1 174.1
115 65.2 44.6 67.0



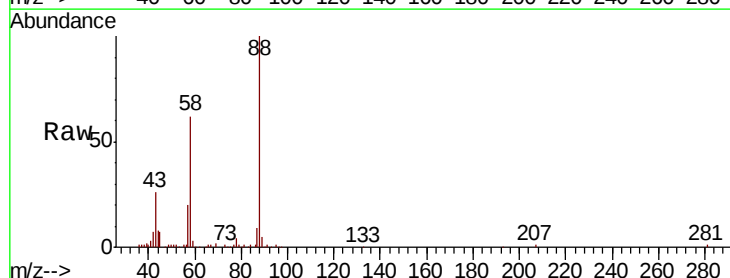
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



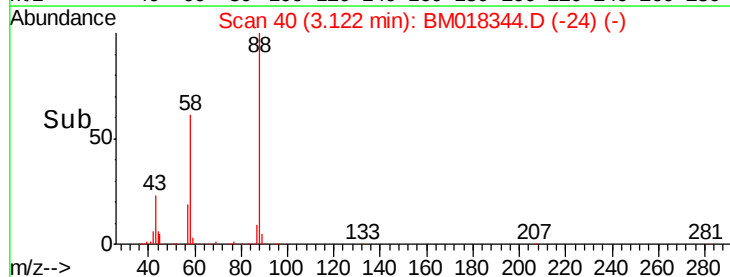
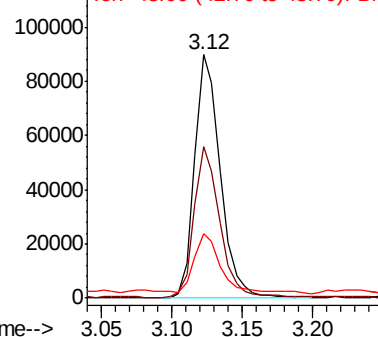
#2

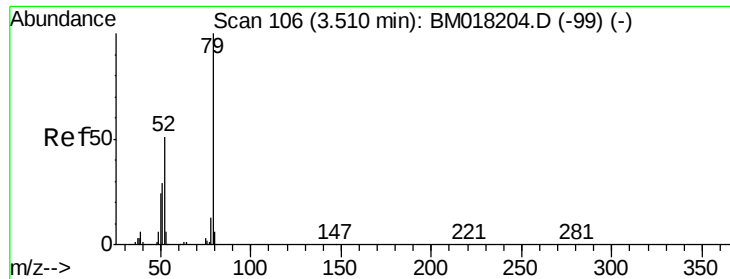
1,4-Dioxane
Concen: 39.634 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion: 88 Resp: 113520
Ion Ratio Lower Upper
88 100
58 63.2 49.8 74.6
43 26.1 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

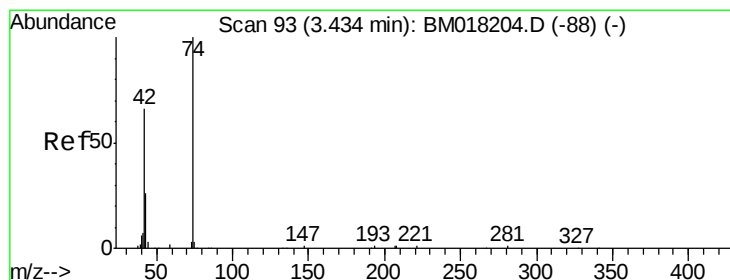
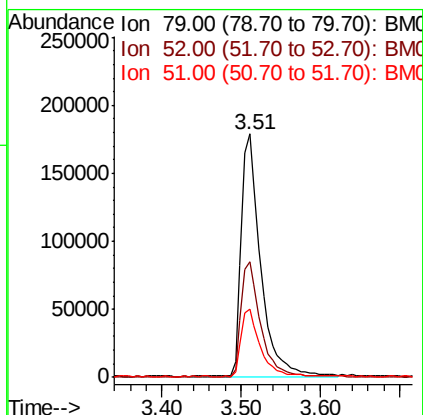
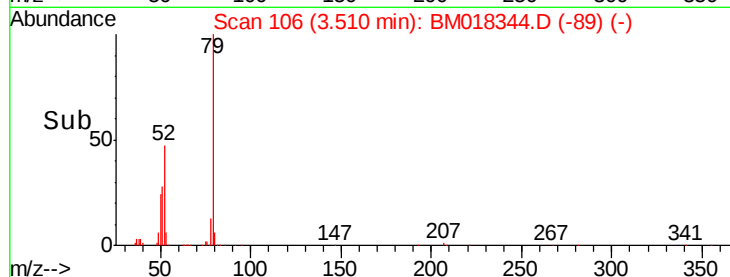
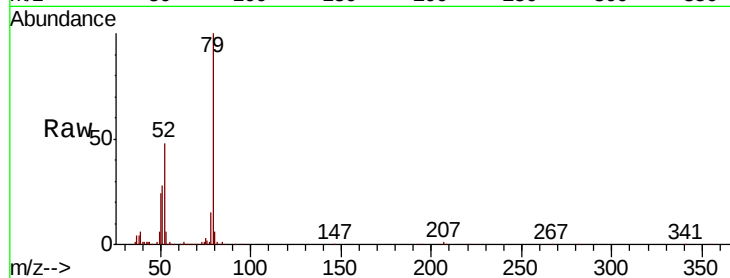




#3
 Pyridine
 Concen: 36.077 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

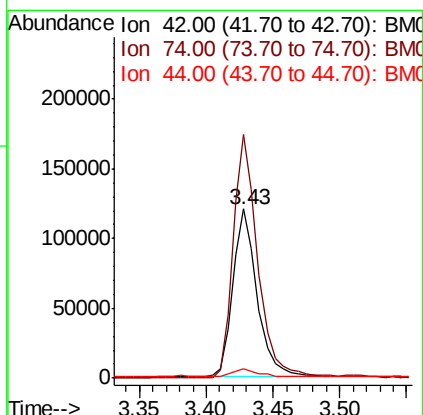
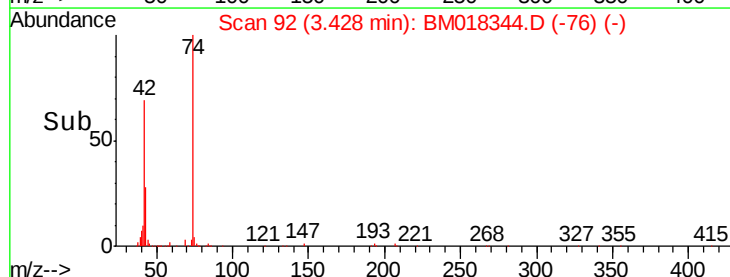
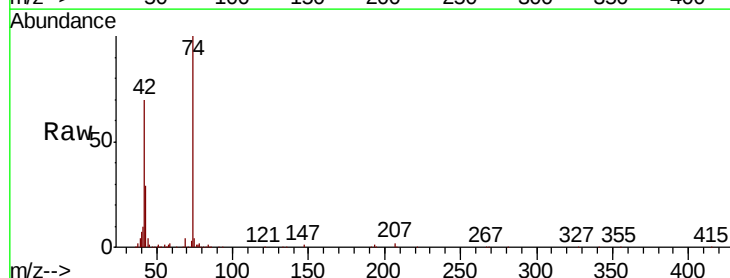
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

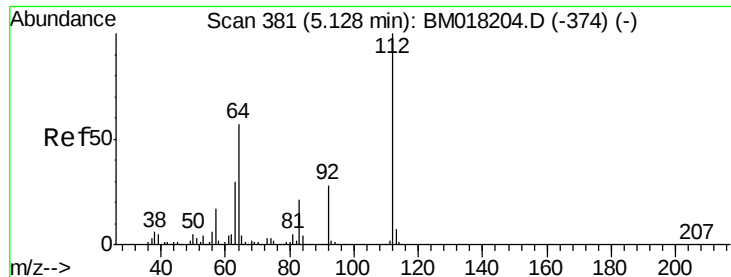
Tgt Ion: 79 Resp: 303989
 Ion Ratio Lower Upper
 79 100
 52 47.5 40.7 61.1
 51 27.9 23.0 34.6



#4
 n-Nitrosodimethylamine
 Concen: 52.358 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion: 42 Resp: 151855
 Ion Ratio Lower Upper
 42 100
 74 143.8 120.4 180.6
 44 5.9 4.6 7.0





#5

2-Fluorophenol

Concen: 170.762 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

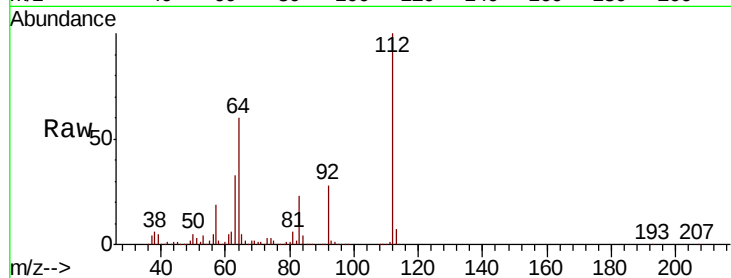
Tgt Ion: 112 Resp: 1234690

Ion Ratio Lower Upper

112 100

64 59.6 45.4 68.2

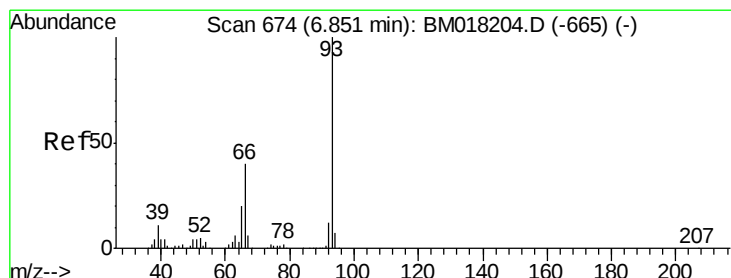
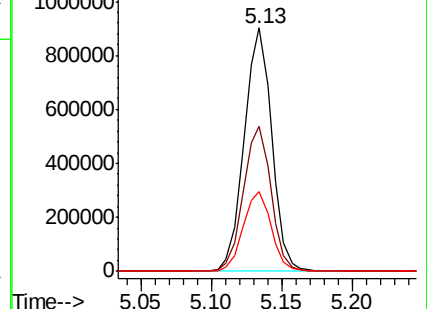
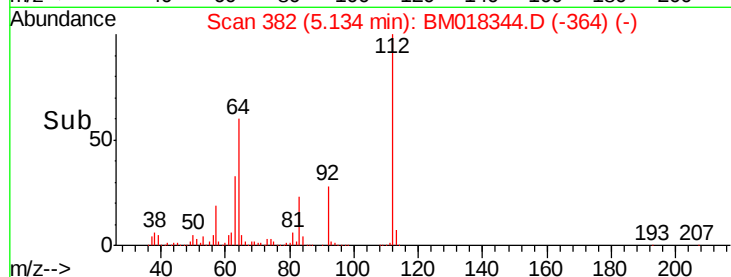
63 33.0 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 15.479 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

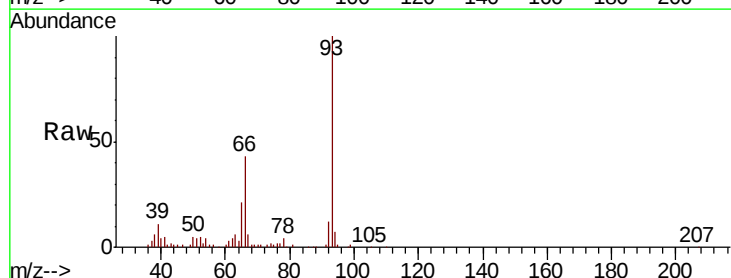
Tgt Ion: 93 Resp: 195148

Ion Ratio Lower Upper

93 100

66 43.5 32.3 48.5

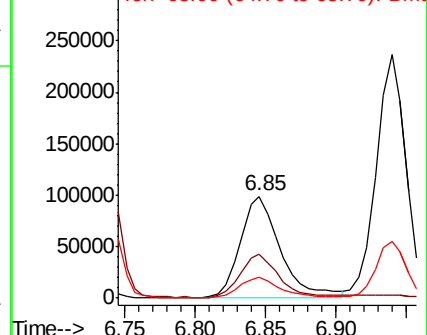
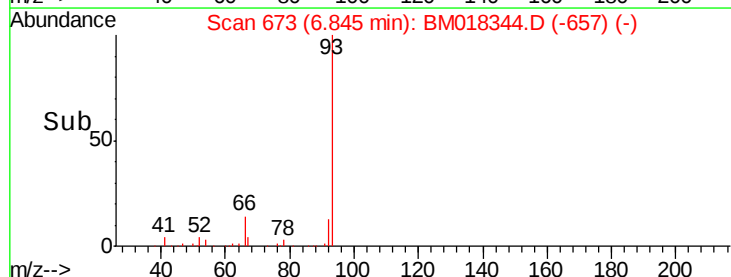
65 21.1 16.2 24.4

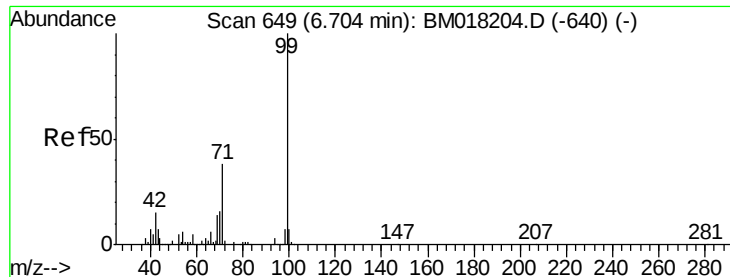


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 153.285 ng

RT: 6.71 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

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ClientSampleId :

P001-SS008-1218-01MS

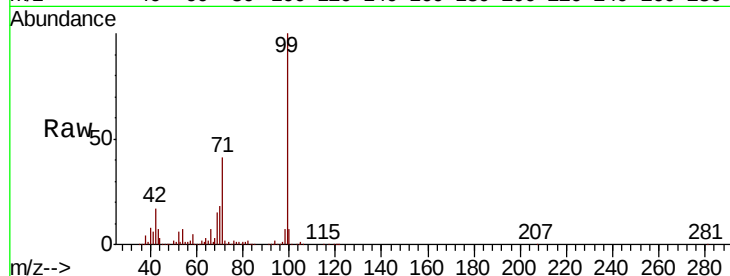
Tgt Ion: 99 Resp: 1540482

Ion Ratio Lower Upper

99 100

42 17.1 12.3 18.5

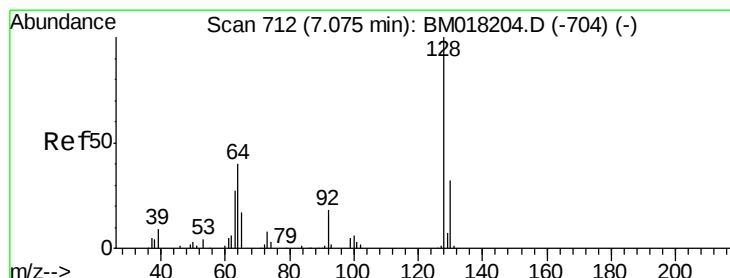
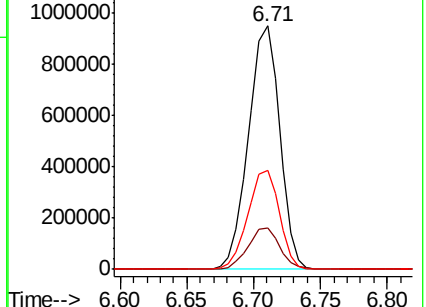
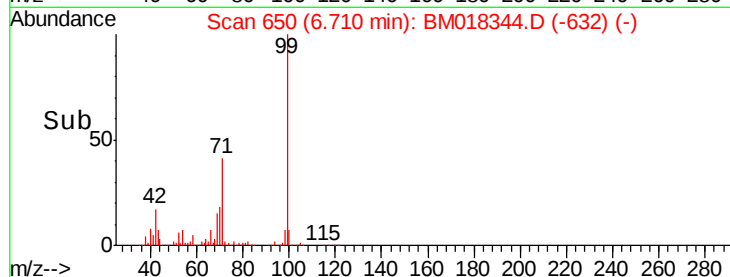
71 40.6 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018344.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018344.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018344.D (-632) (-)



#8

2-Chlorophenol

Concen: 40.752 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

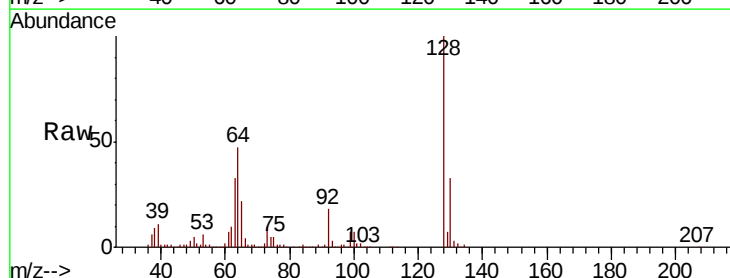
Tgt Ion: 128 Resp: 348140

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

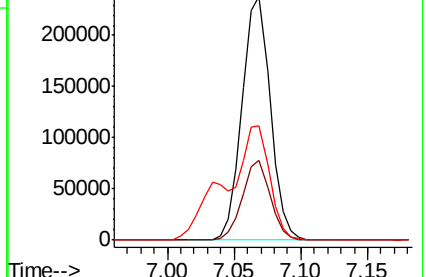
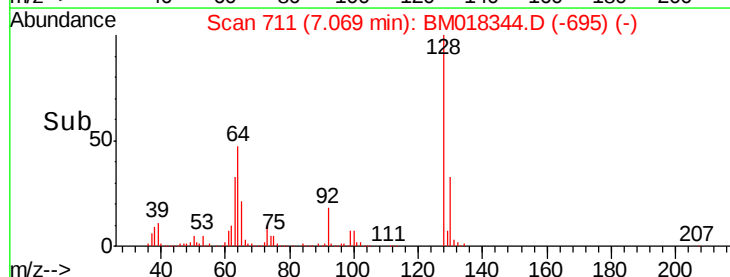
64 46.8 24.1 64.1

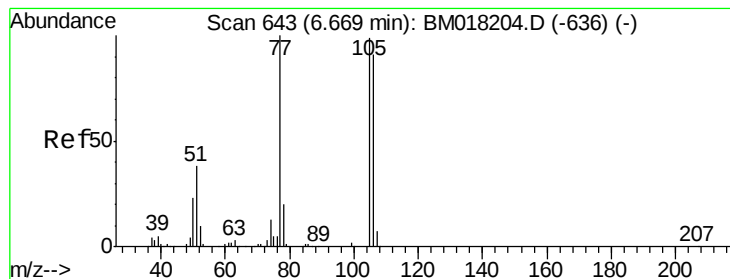


Abundance Ion 128.00 (127.70 to 128.70): BM018344.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018344.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018344.D (-695) (-)





#9

Benzaldehyde

Concen: 20.063 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

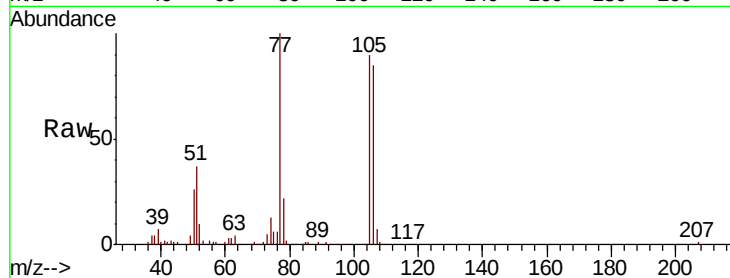
Tgt Ion: 77 Resp: 122900

Ion Ratio Lower Upper

77 100

105 89.8 78.8 118.8

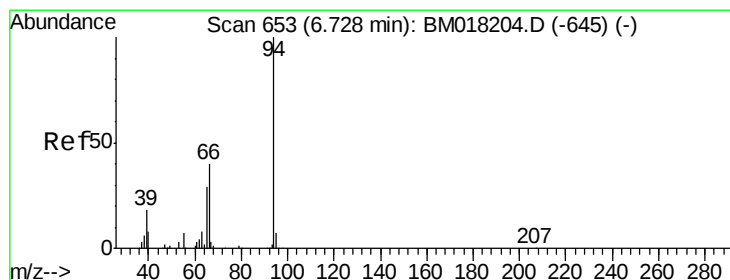
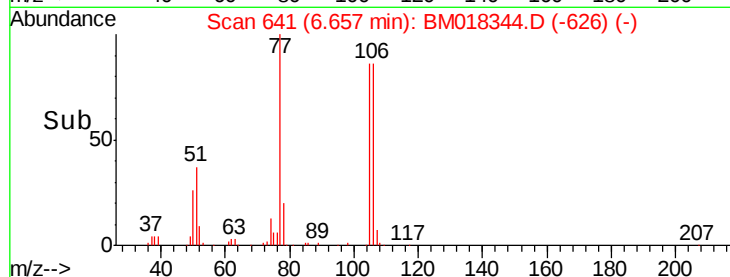
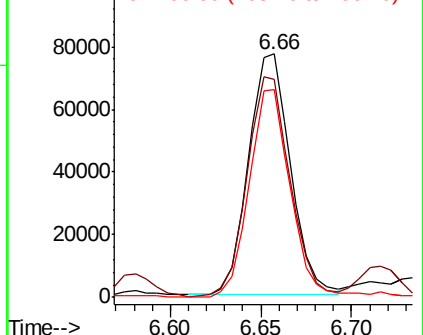
106 85.5 70.7 110.7



Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)



#10

Phenol

Concen: 56.839 ng

RT: 6.73 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

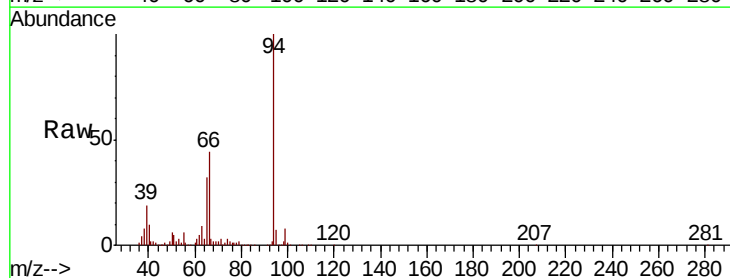
Tgt Ion: 94 Resp: 604953

Ion Ratio Lower Upper

94 100

65 31.8 9.5 49.5

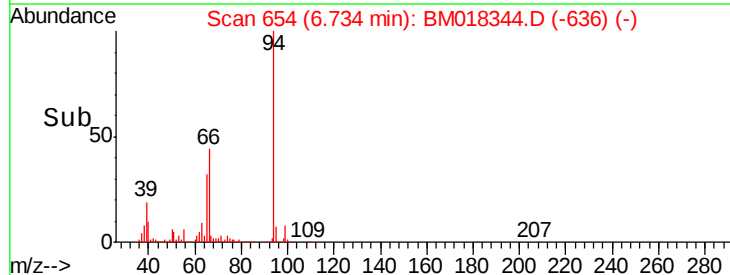
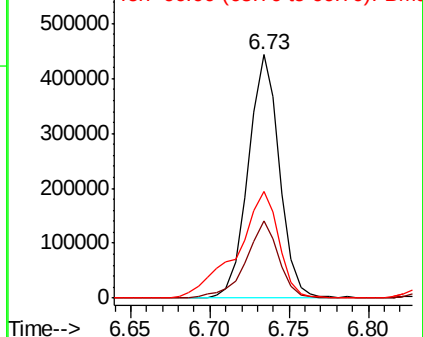
66 43.6 21.3 61.3

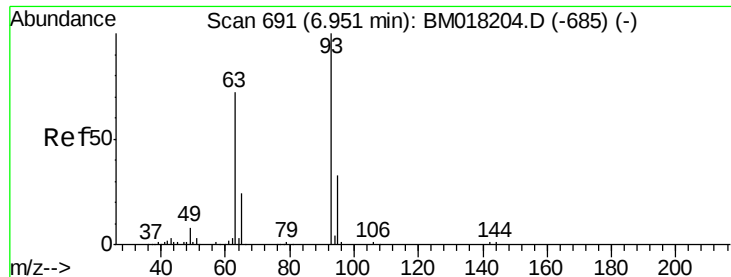


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

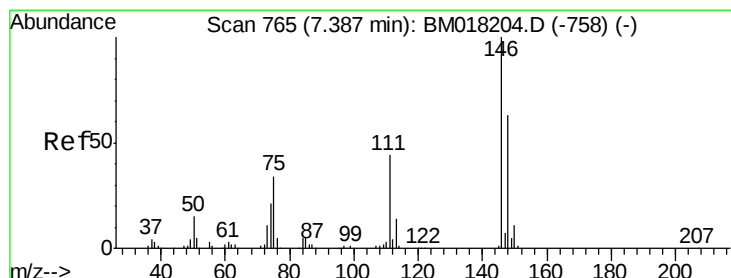
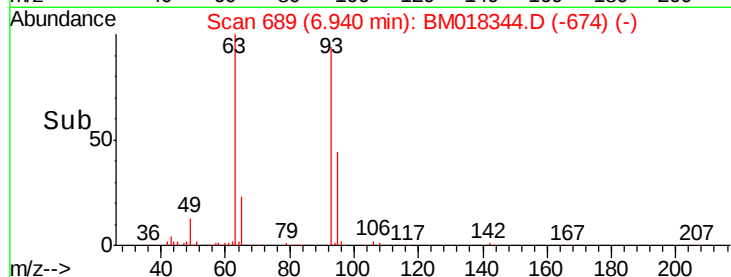
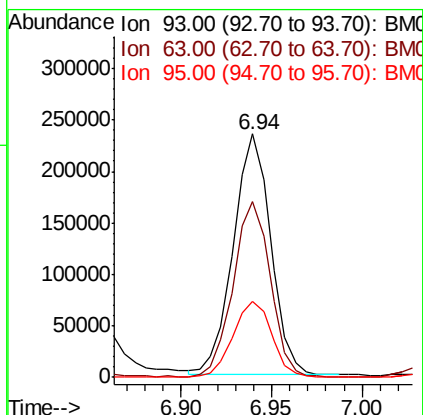
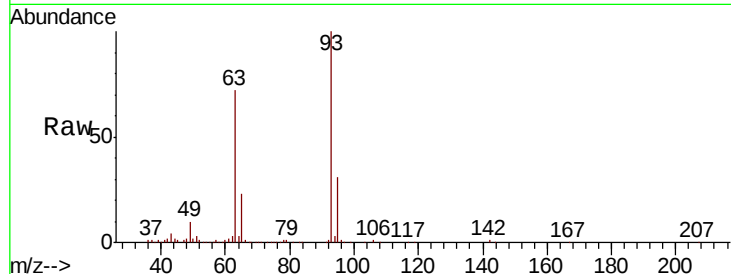




#11
 bis(2-Chloroethyl)ether
 Concen: 39.912 ng
 RT: 6.94 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

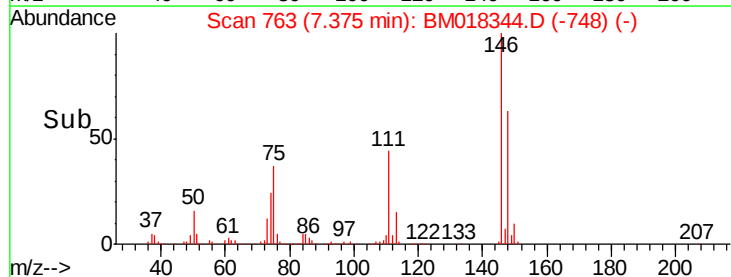
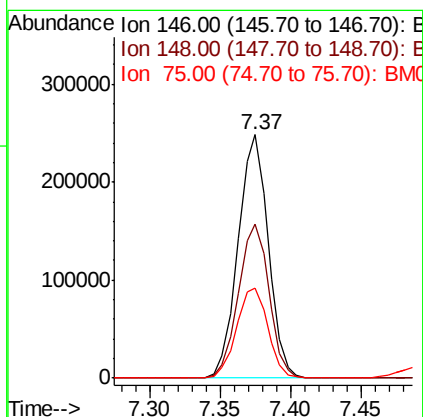
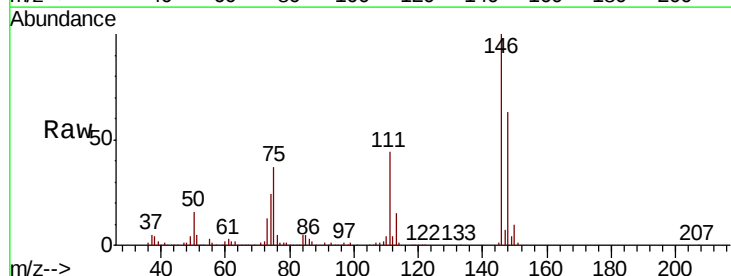
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

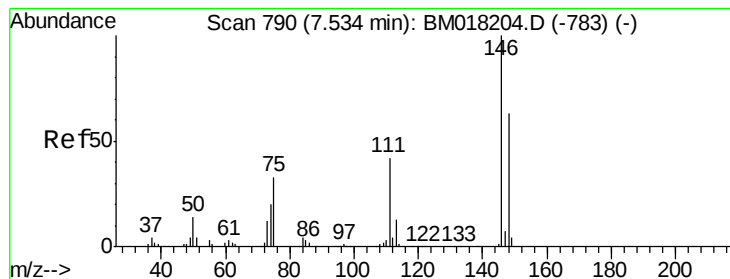
Tgt Ion: 93 Resp: 337609
 Ion Ratio Lower Upper
 93 100
 63 72.2 51.7 91.7
 95 31.3 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.856 ng
 RT: 7.37 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion: 146 Resp: 370666
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 75 36.8 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 40.099 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

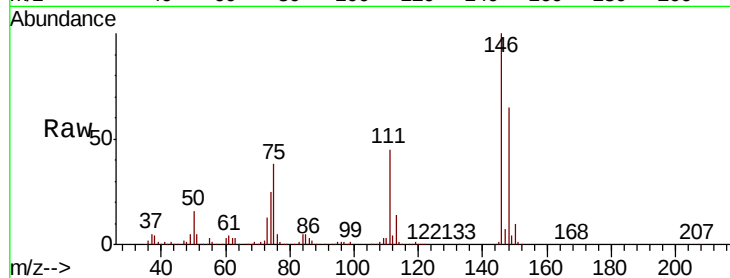
Tgt Ion:146 Resp: 388444

Ion Ratio Lower Upper

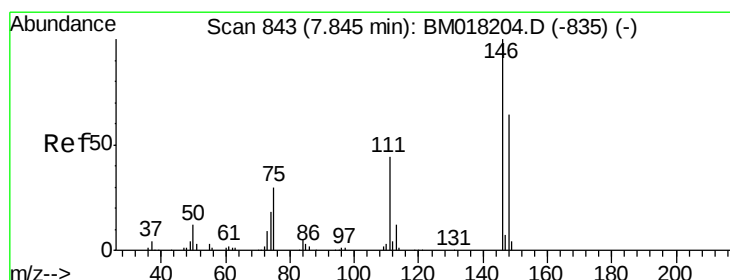
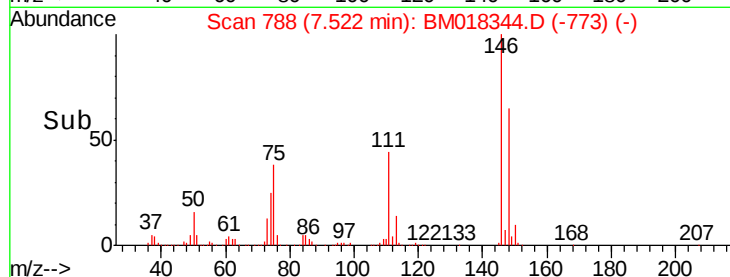
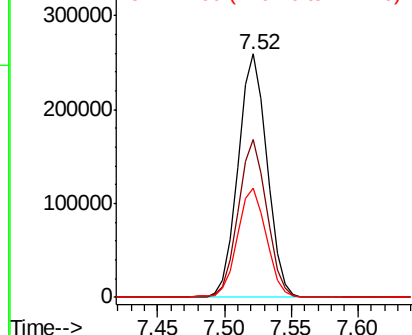
146 100

148 64.8 50.7 76.1

111 44.6 34.2 51.2



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: 39.029 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

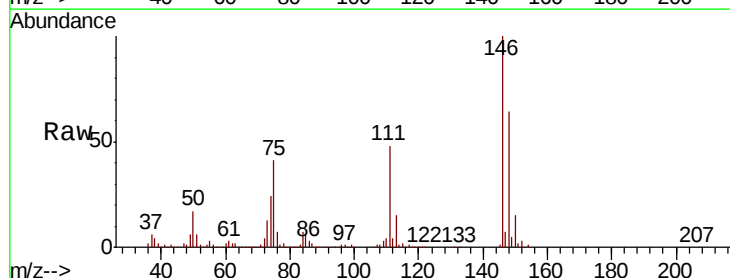
Tgt Ion:146 Resp: 364469

Ion Ratio Lower Upper

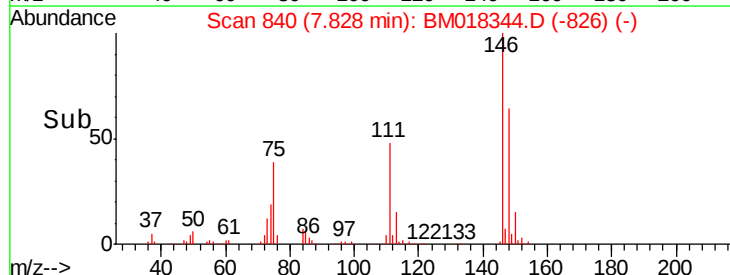
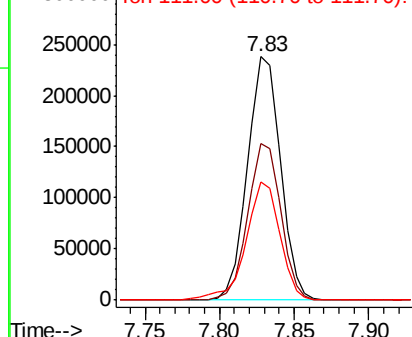
146 100

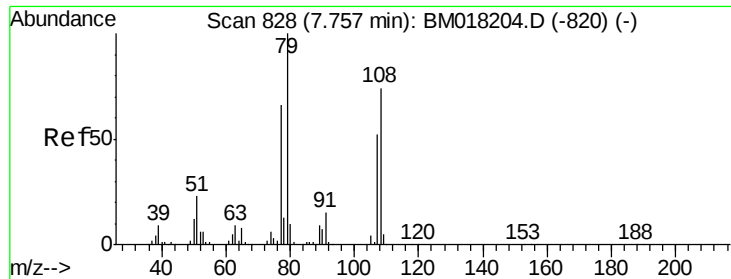
148 64.3 51.3 76.9

111 48.3 35.8 53.8



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





#15

Benzyl Alcohol

Concen: 40.420 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

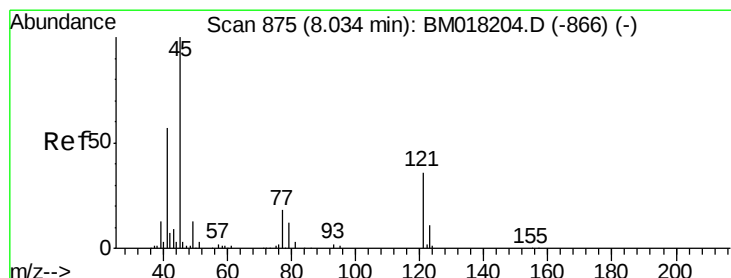
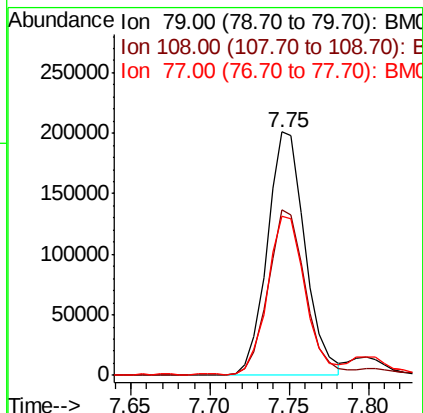
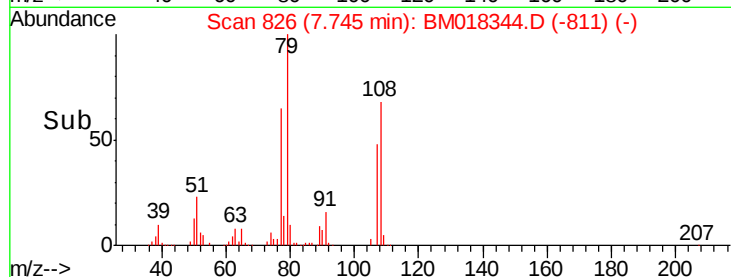
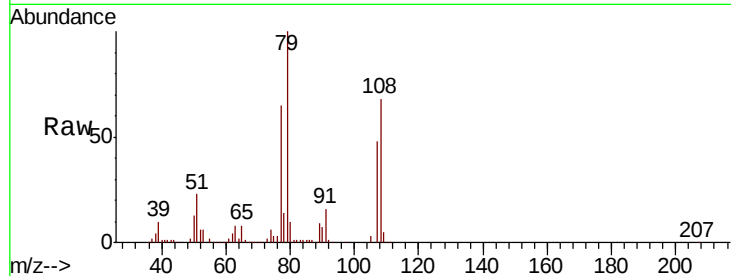
Tgt Ion: 79 Resp: 330993

Ion Ratio Lower Upper

79 100

108 67.8 59.3 88.9

77 65.3 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.113 ng

RT: 8.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

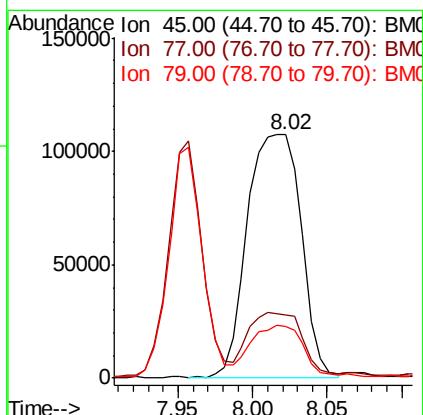
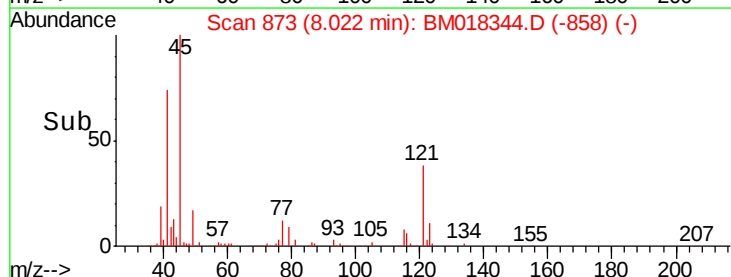
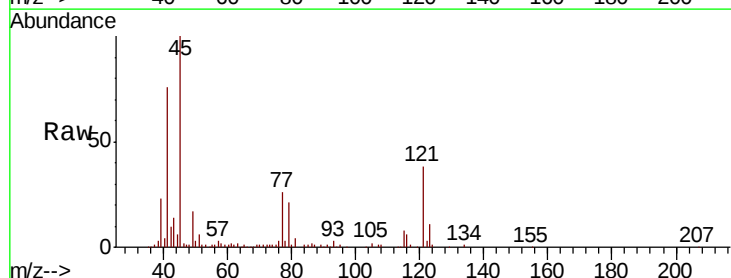
Tgt Ion: 45 Resp: 267283

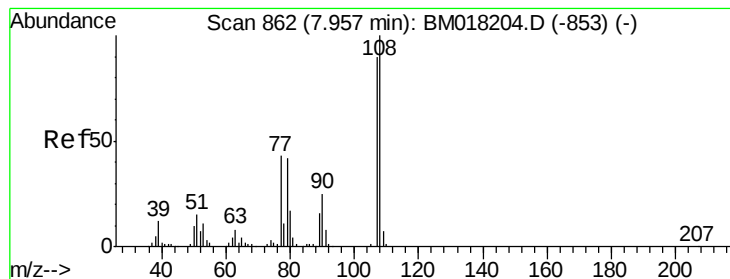
Ion Ratio Lower Upper

45 100

77 25.8 2.5 42.5

79 21.2 0.0 37.2





#17

2-Methylphenol

Concen: 41.971 ng

RT: 7.96 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

Tgt Ion:107 Resp: 298274

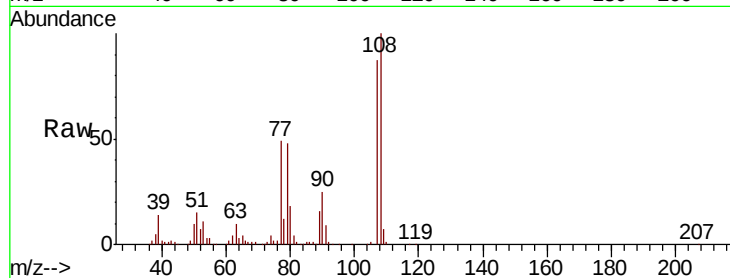
Ion Ratio Lower Upper

107 100

108 115.5 89.3 133.9

77 56.5 38.2 57.4

79 55.0 37.7 56.5

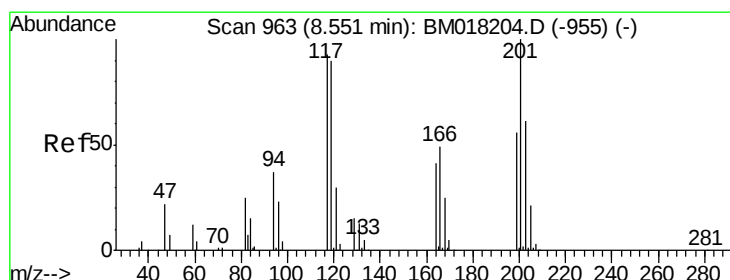
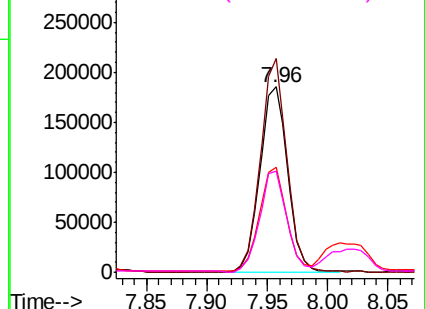
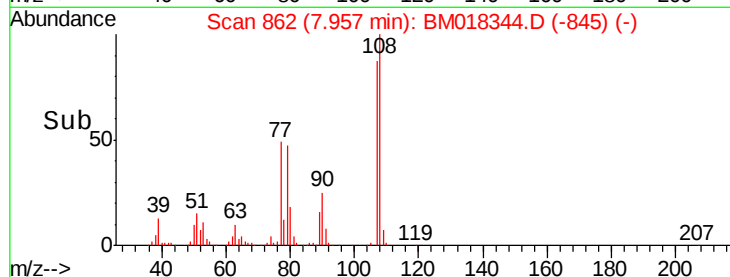


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 36.060 ng

RT: 8.53 min Scan# 960

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

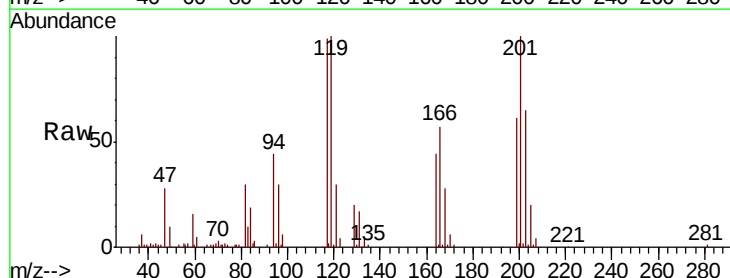
Tgt Ion:117 Resp: 128036

Ion Ratio Lower Upper

117 100

119 100.6 77.0 115.4

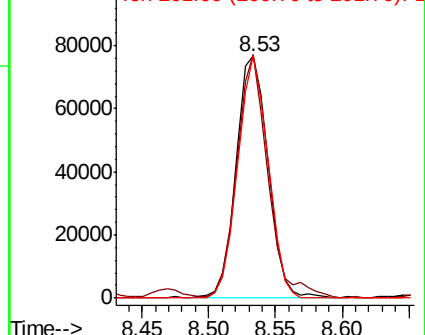
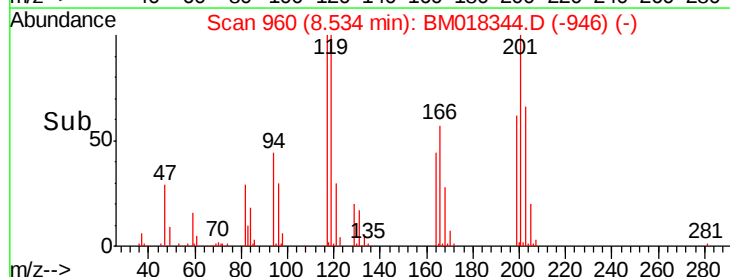
201 100.2 85.7 128.5

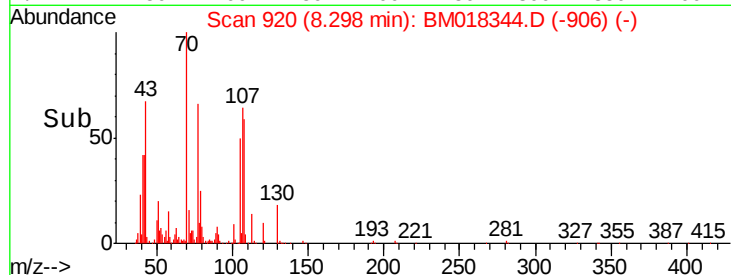
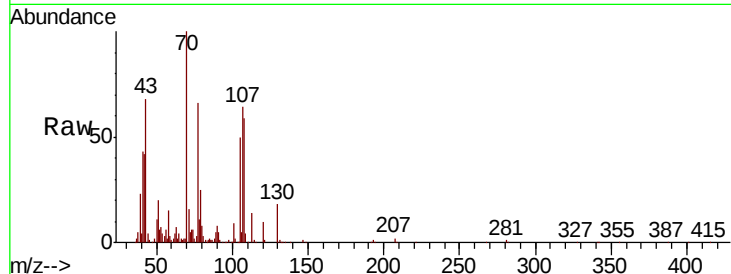
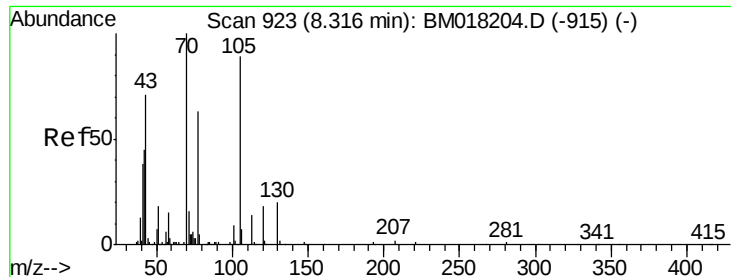


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

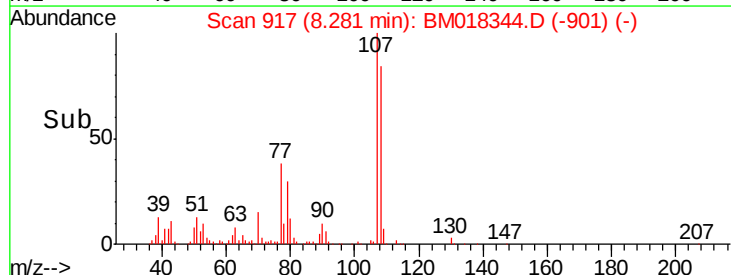
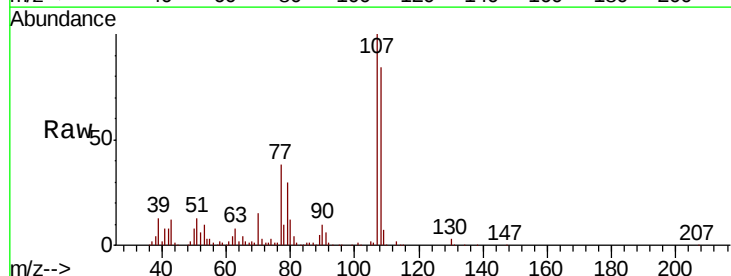
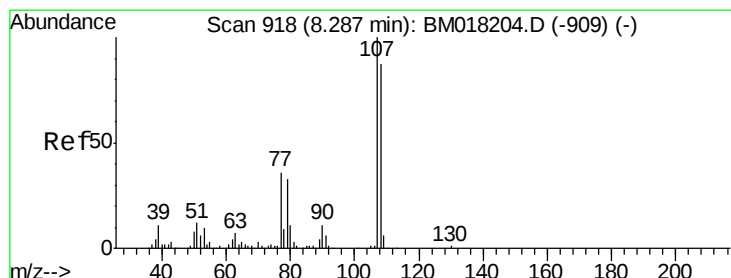
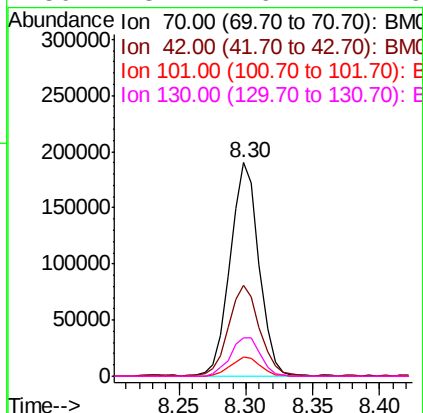




#19
n-Nitroso-di-n-propylamine
Concen: 38.005 ng
RT: 8.30 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

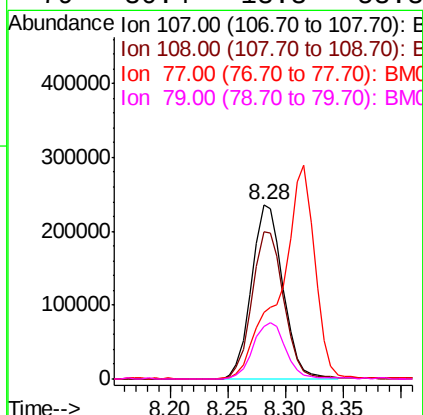
Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

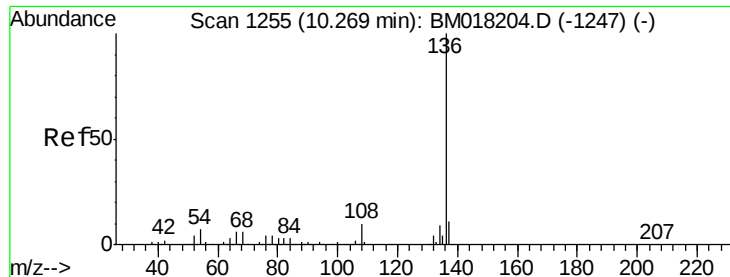
Tgt Ion:	70	Resp:	285180
Ion	Ratio	Lower	Upper
70	100		
42	42.4	36.2	54.2
101	9.3	7.5	11.3
130	18.2	16.4	24.6



#20
3+4-Methylphenols
Concen: 45.107 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:	107	Resp:	449179
Ion	Ratio	Lower	Upper
107	100		
108	84.1	67.4	107.4
77	38.1	15.7	55.7
79	30.4	13.3	53.3

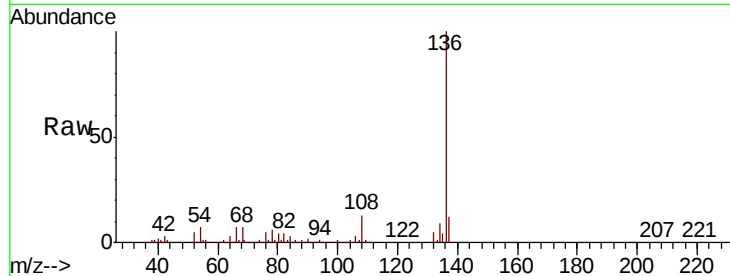




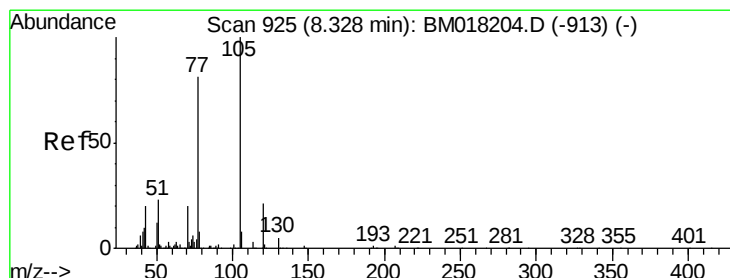
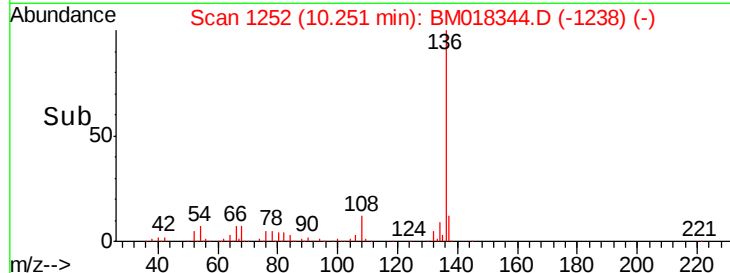
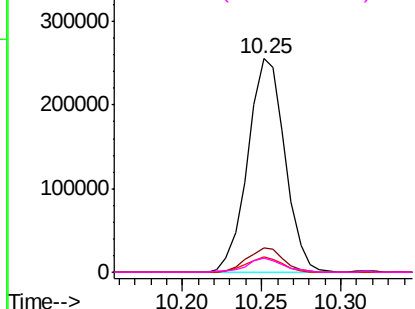
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tgt Ion:	136	Resp:	415508
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.0	5.2	7.8
68	6.8	5.0	7.6

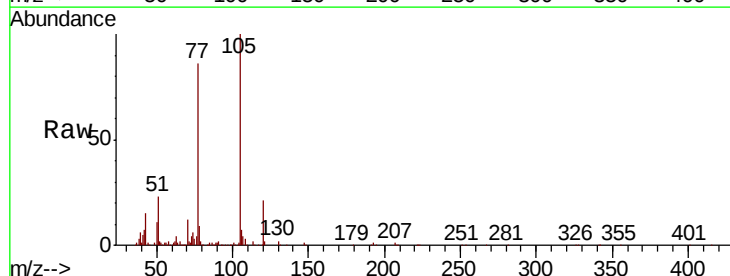


Abundance Ion 136.00 (135.70 to 136.70): E
400000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

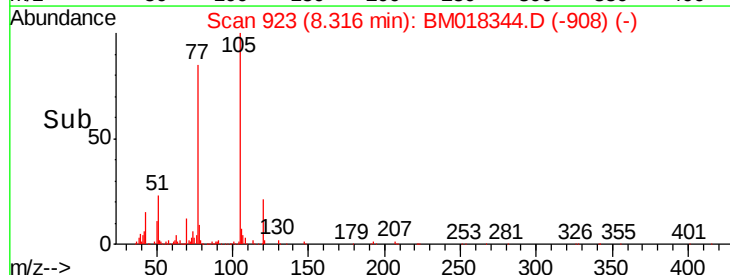
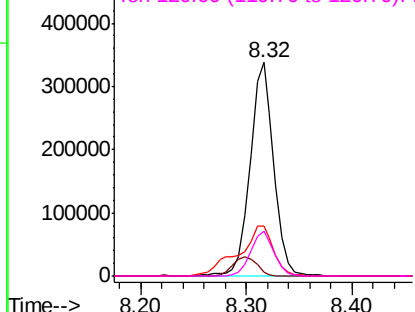


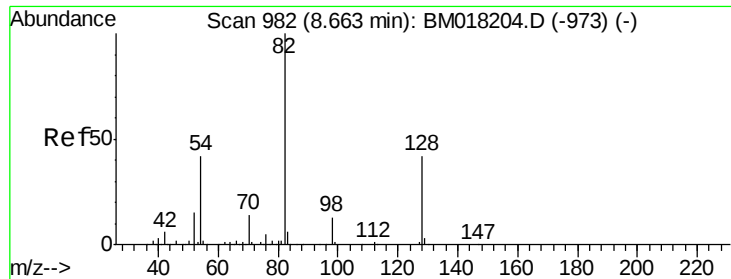
#22
Acetophenone
Concen: 47.860 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:	105	Resp:	526256
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.6	4.0#
51	23.5	18.3	27.5
120	21.1	17.0	25.6



Abundance Ion 105.00 (104.70 to 105.70): E
500000
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

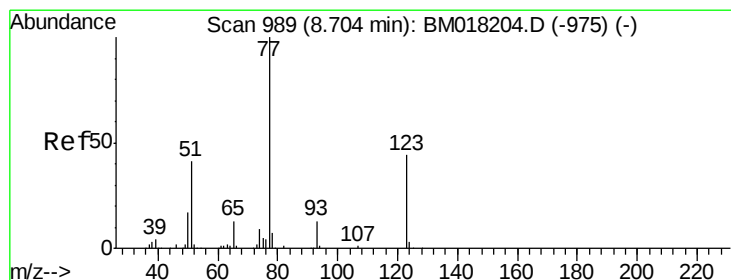
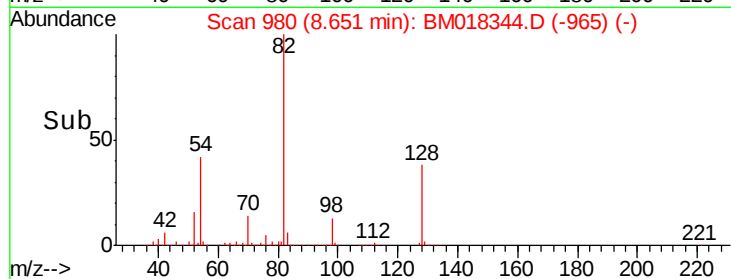
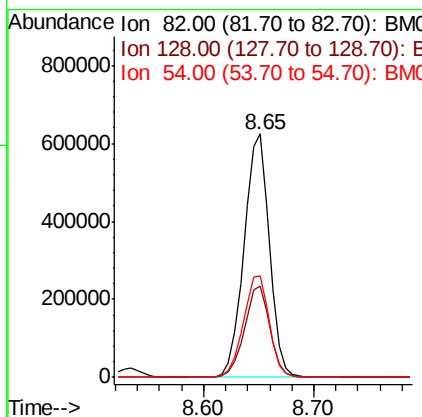
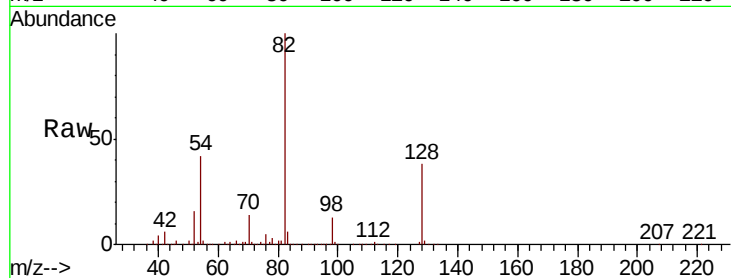




#23
 Nitrobenzene-d5
 Concen: 124.507 ng
 RT: 8.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

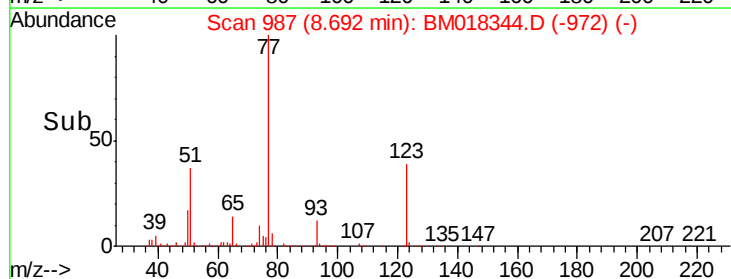
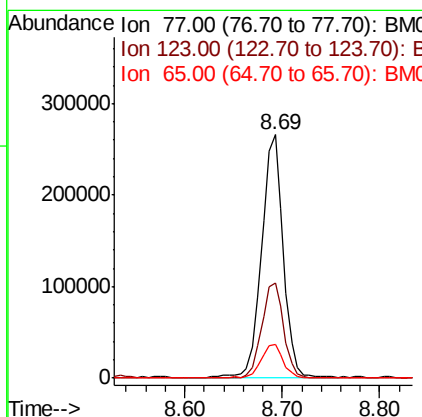
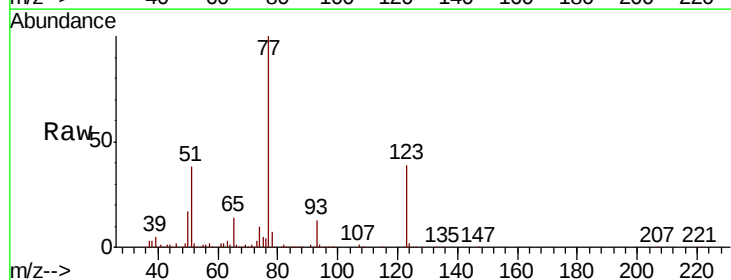
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

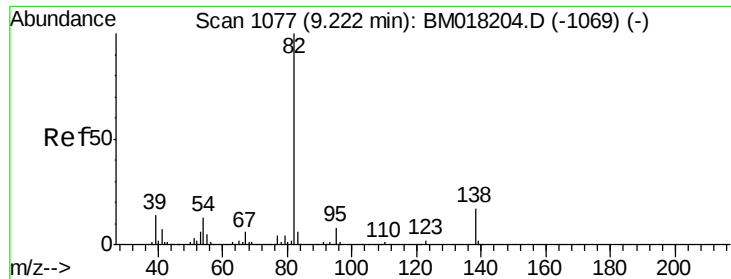
Tgt Ion: 82 Resp: 1008579
 Ion Ratio Lower Upper
 82 100
 128 37.6 33.4 50.2
 54 41.8 33.4 50.2



#24
 Nitrobenzene
 Concen: 50.807 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion: 77 Resp: 411233
 Ion Ratio Lower Upper
 77 100
 123 38.9 35.4 53.2
 65 14.0 10.6 15.8

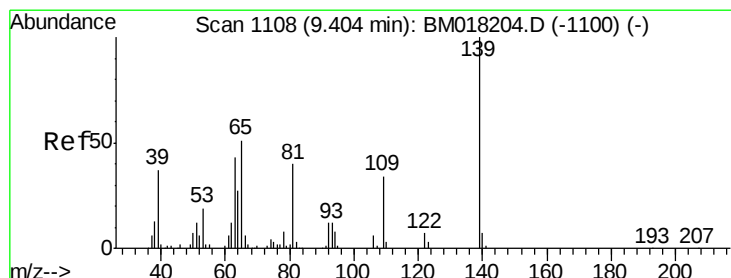
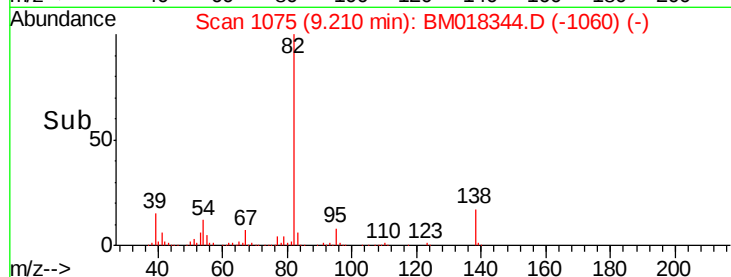
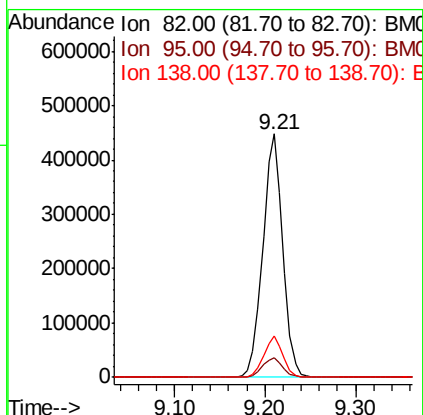
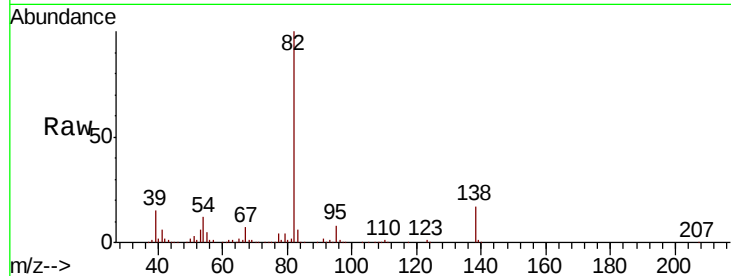




#25
Isophorone
Concen: 50.866 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

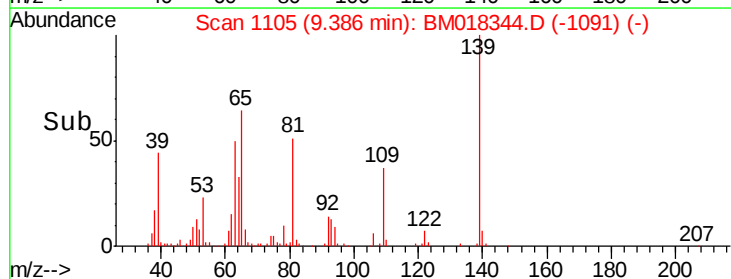
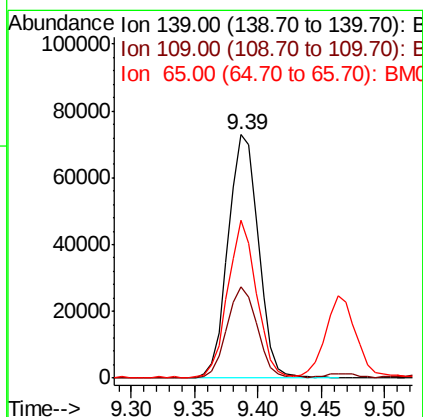
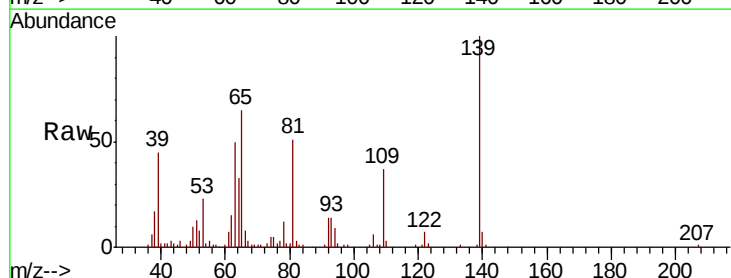
Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

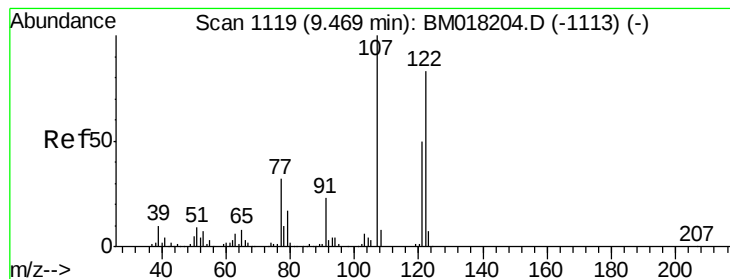
Tgt Ion: 82 Resp: 686008
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 16.8 13.9 20.9



#26
2-Nitrophenol
Concen: 30.383 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion: 139 Resp: 120618
Ion Ratio Lower Upper
139 100
109 37.3 27.4 41.0
65 64.9 41.0 61.4#





#27

2,4-Dimethylphenol

Concen: 52.715 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

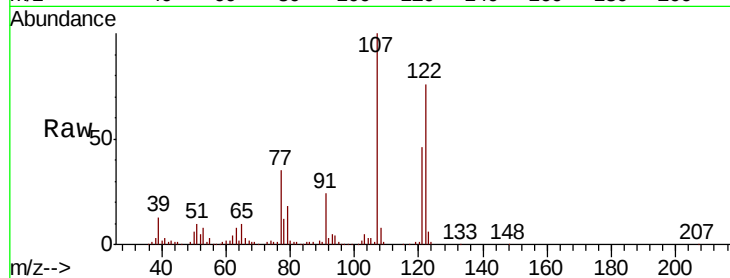
Tgt Ion:122 Resp: 301608

Ion Ratio Lower Upper

122 100

107 132.4 96.5 144.7

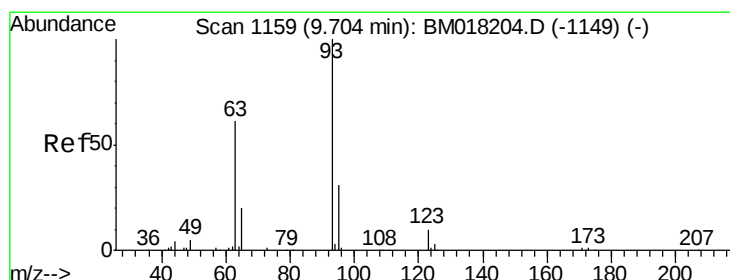
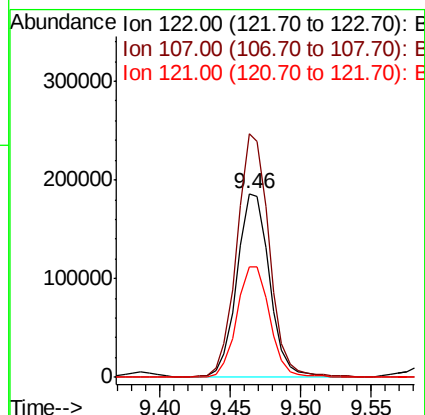
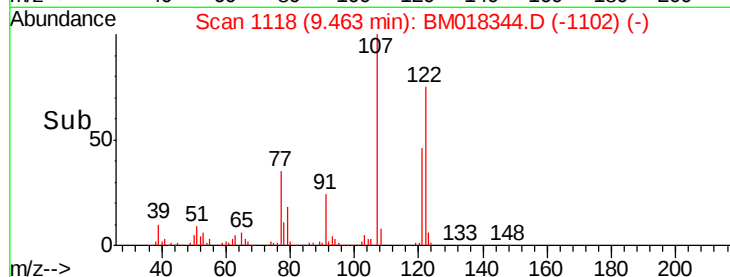
121 60.3 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.172 ng

RT: 9.69 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

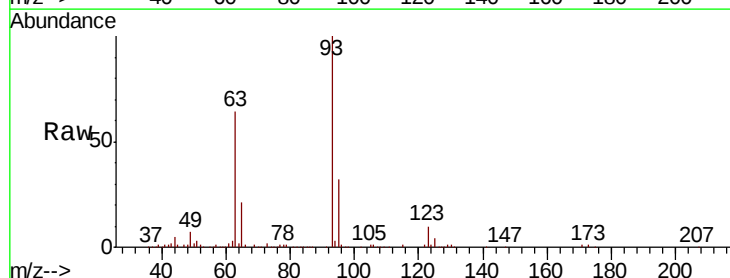
Tgt Ion: 93 Resp: 405903

Ion Ratio Lower Upper

93 100

95 32.5 25.3 37.9

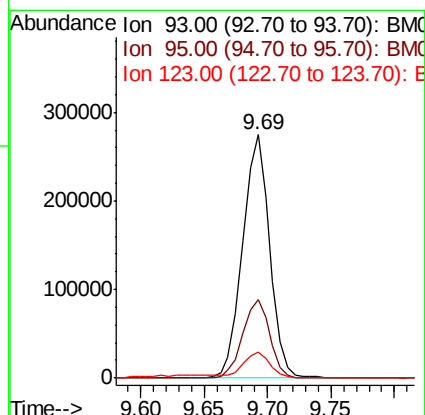
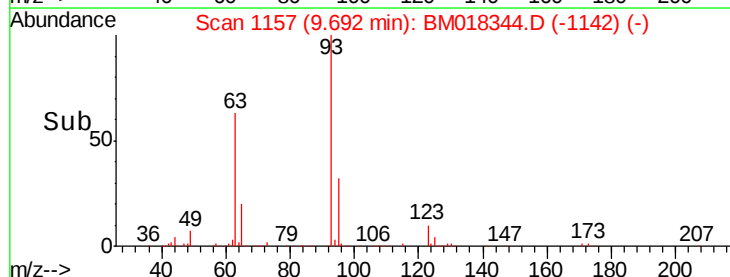
123 10.5 9.3 13.9

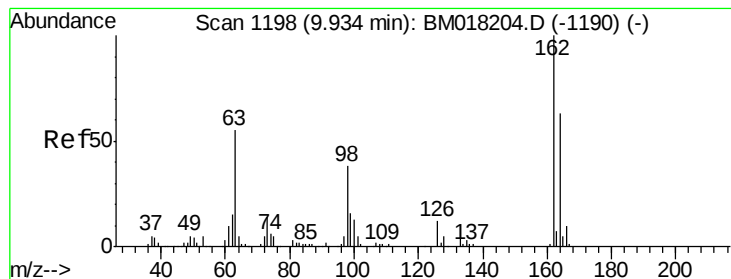


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.657 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

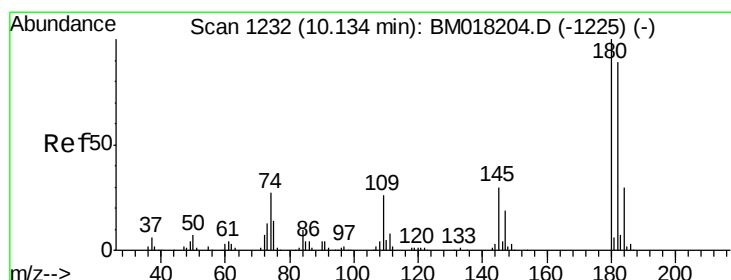
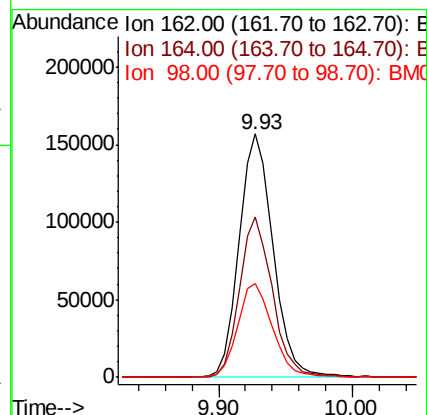
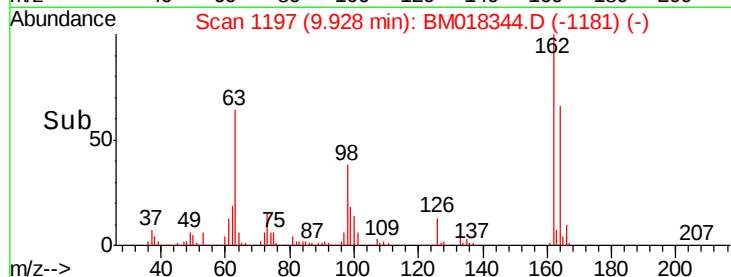
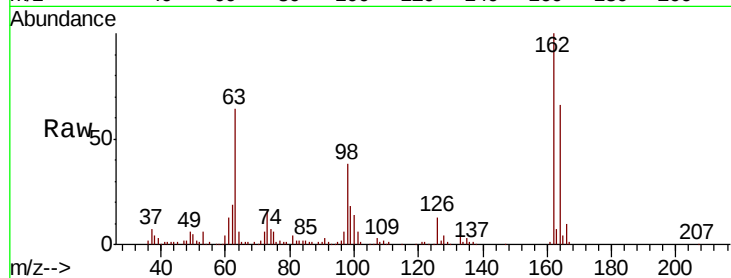
Tgt Ion:162 Resp: 276947

Ion Ratio Lower Upper

162 100

164 66.1 43.0 83.0

98 38.5 18.3 58.3



#30

1,2,4-Trichlorobenzene

Concen: 64.984 ng

RT: 10.12 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

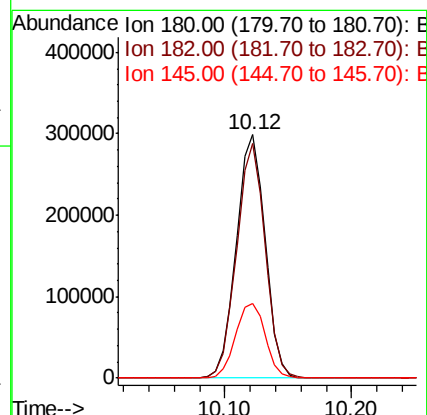
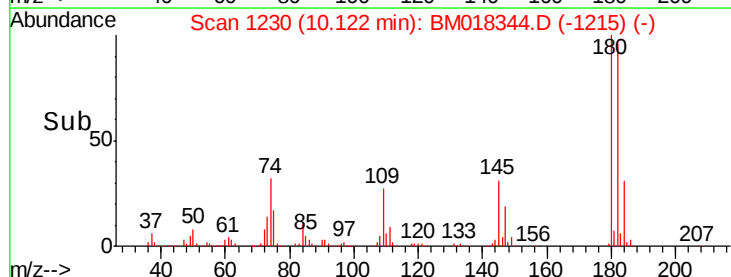
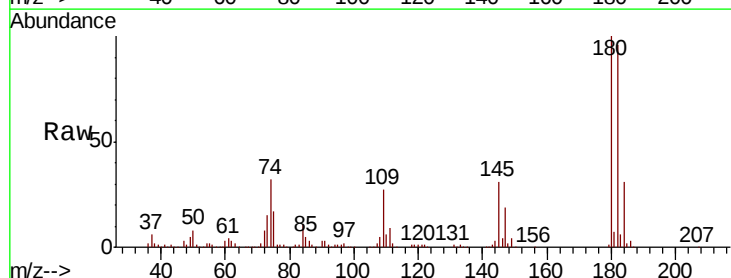
Tgt Ion:180 Resp: 468904

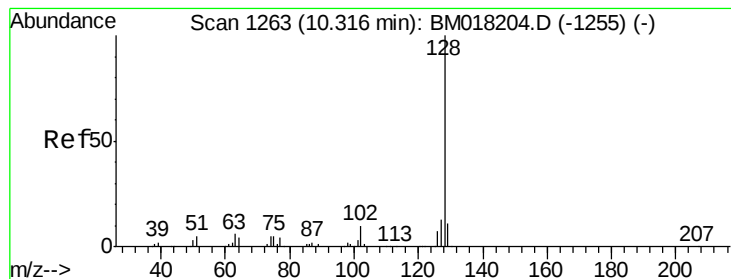
Ion Ratio Lower Upper

180 100

182 96.4 71.4 107.2

145 30.7 24.4 36.6





#31

Naphthalene

Concen: 47.580 ng

RT: 10.30 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

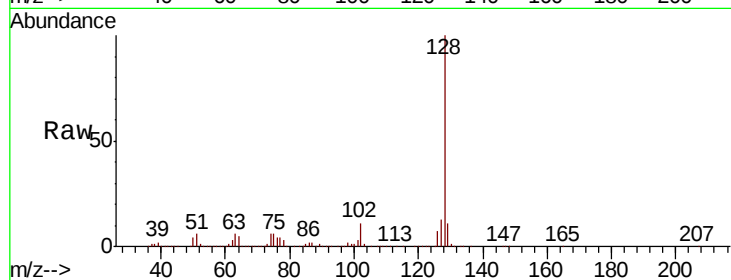
Tgt Ion:128 Resp: 966702

Ion Ratio Lower Upper

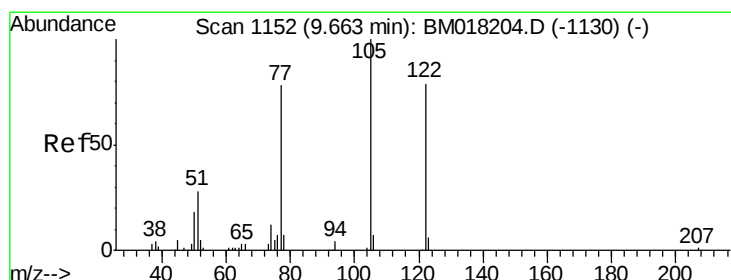
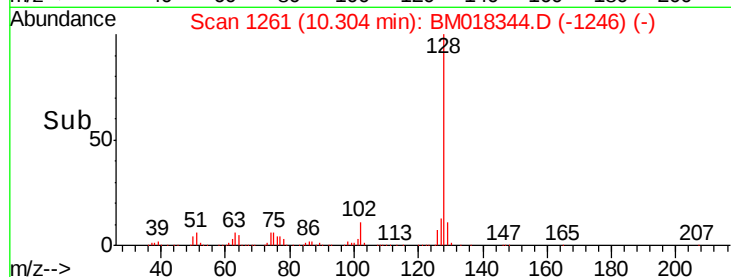
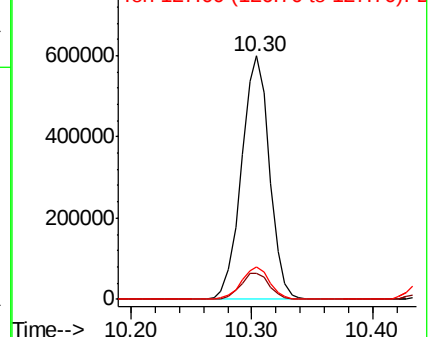
128 100

129 10.5 8.9 13.3

127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
800000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.728 ng

RT: 9.66 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

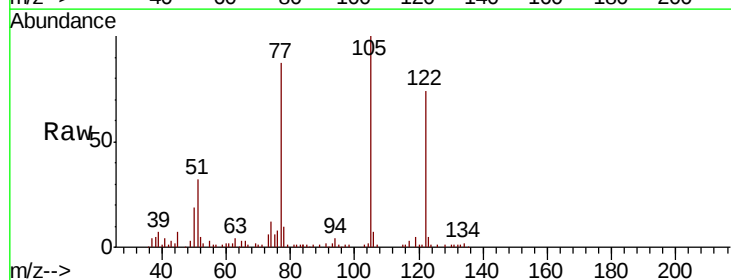
Tgt Ion:122 Resp: 161057

Ion Ratio Lower Upper

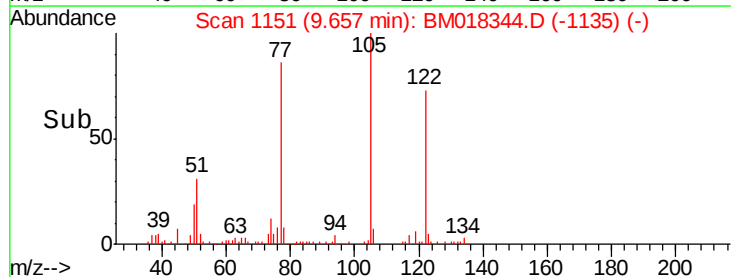
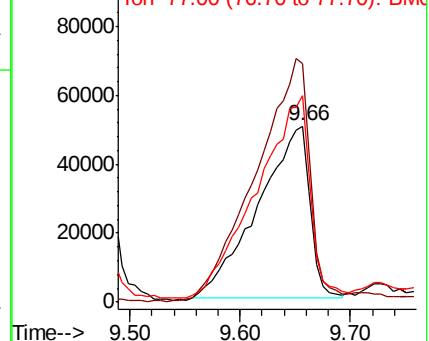
122 100

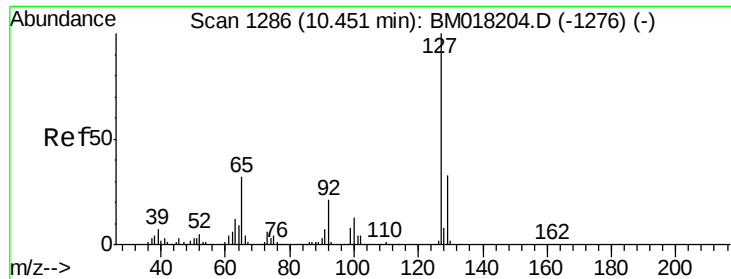
105 135.6 104.8 144.8

77 117.3 77.7 117.7



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

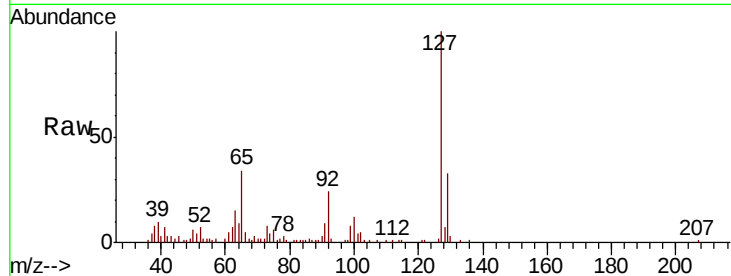




#33
4-Chloroaniline
Concen: 12.441 ng
RT: 10.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tgt Ion:	127	Resp:	110719
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	34.4	25.6	38.4
92	23.6	17.0	25.6



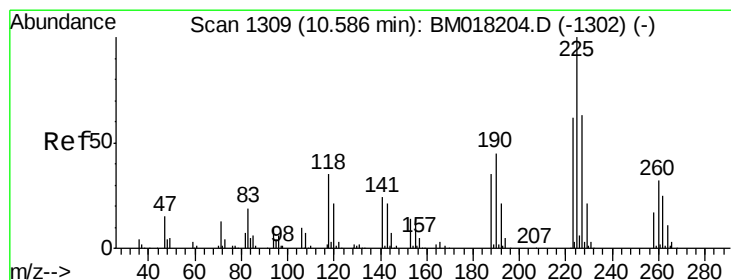
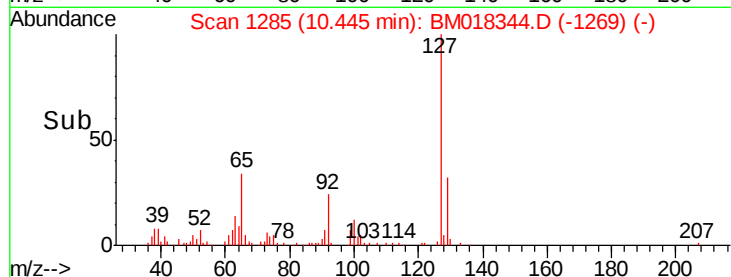
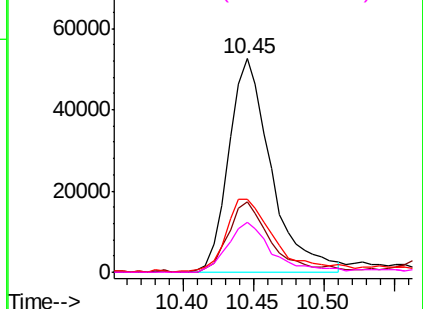
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

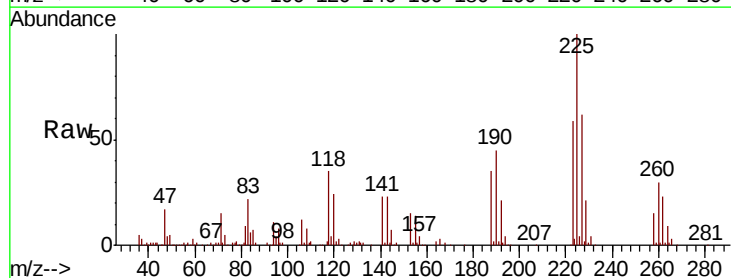
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 42.035 ng
RT: 10.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:	225	Resp:	191832
Ion	Ratio	Lower	Upper
225	100		
223	59.1	49.8	74.6
227	62.4	50.2	75.4

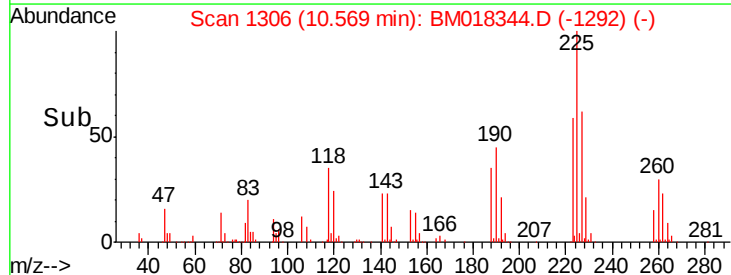
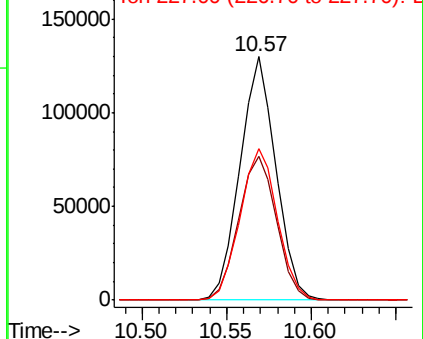


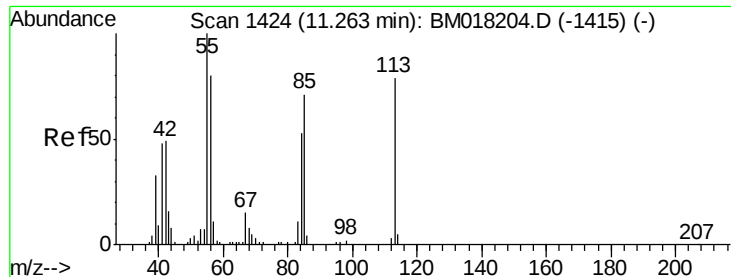
Abundance

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: 33.706 ng

RT: 11.27 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

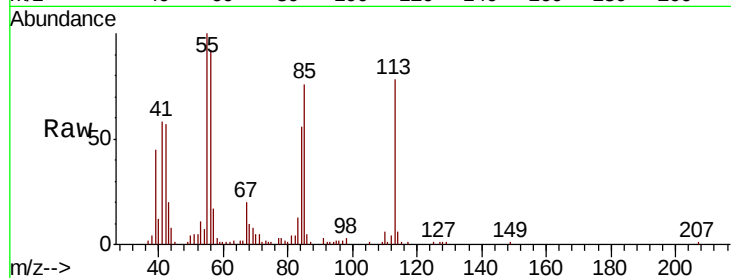
Tgt Ion:113 Resp: 81476

Ion Ratio Lower Upper

113 100

55 129.0 105.9 145.9

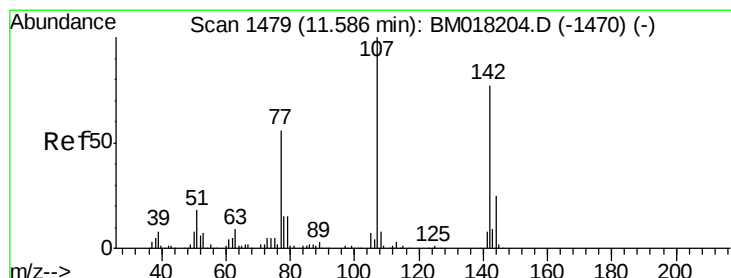
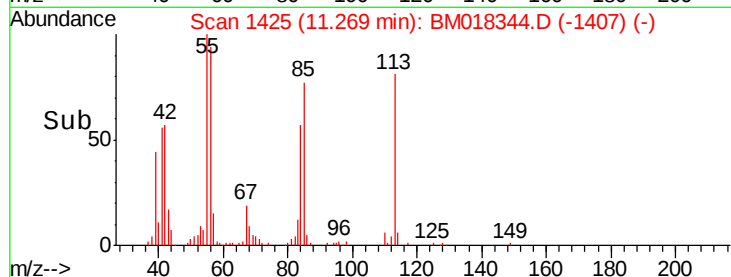
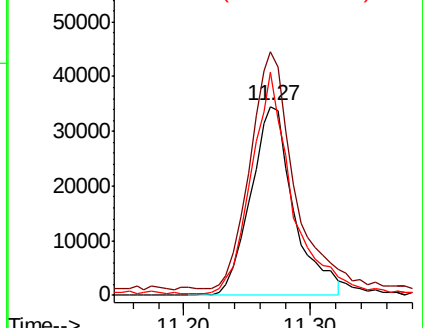
56 118.2 80.1 120.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.617 ng

RT: 11.59 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

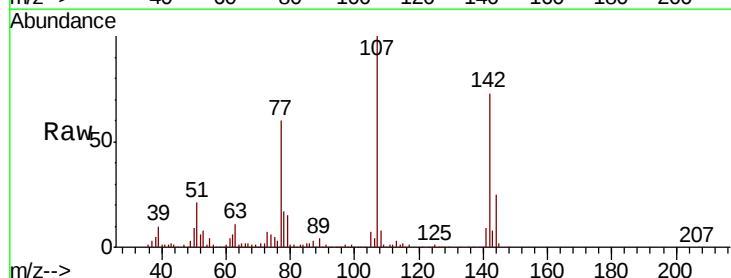
Tgt Ion:107 Resp: 301981

Ion Ratio Lower Upper

107 100

144 24.6 20.1 30.1

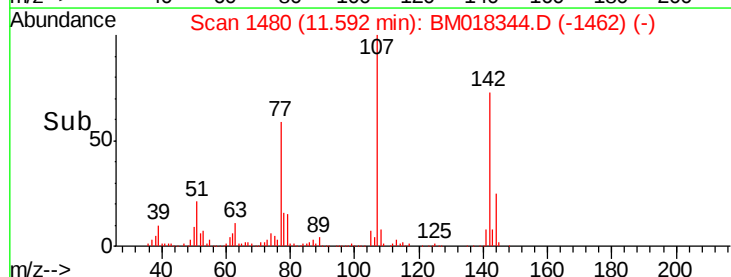
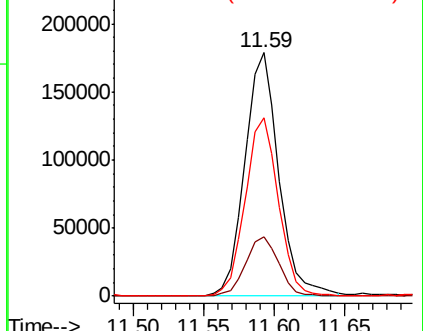
142 73.2 61.7 92.5

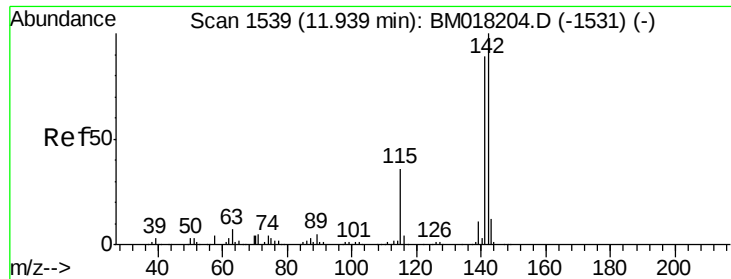


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

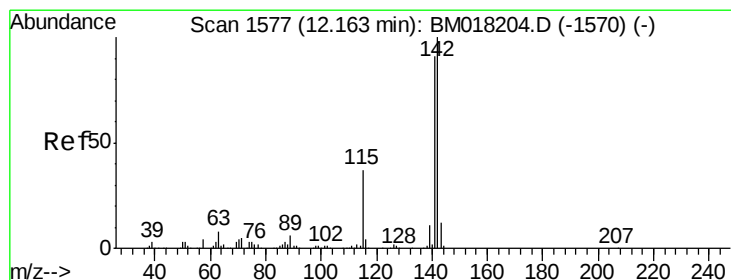
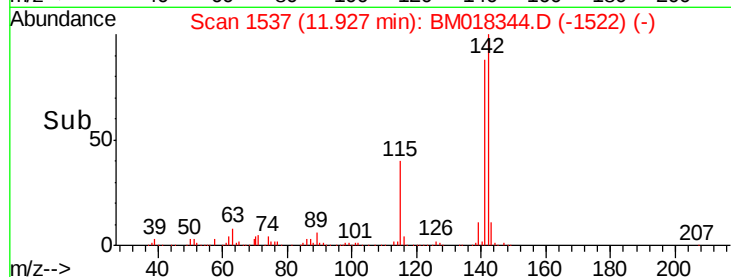
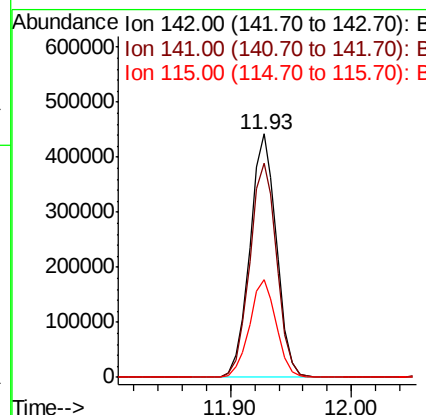
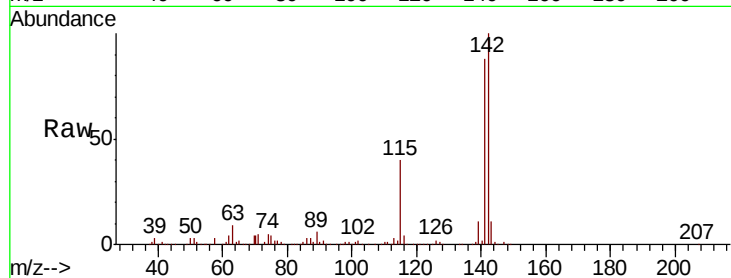




#37
 2-Methylnaphthalene
 Concen: 47.400 ng
 RT: 11.93 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

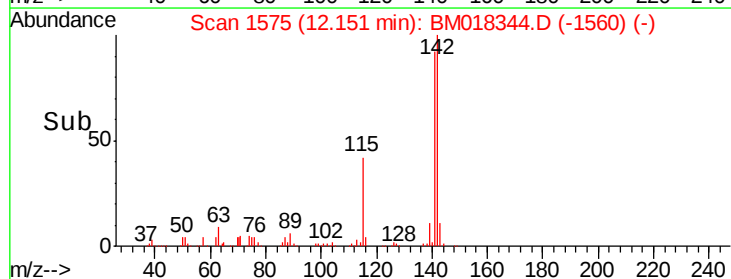
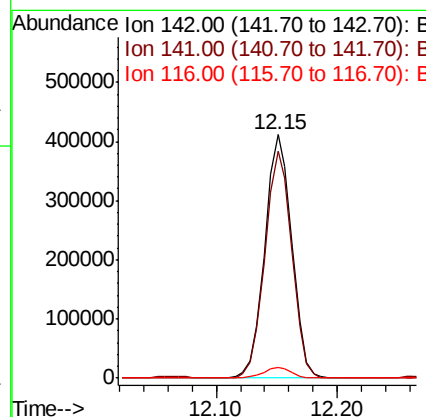
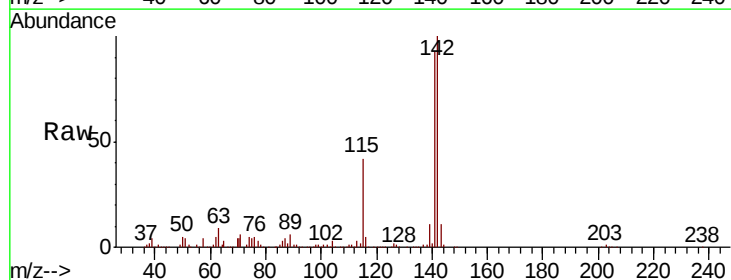
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

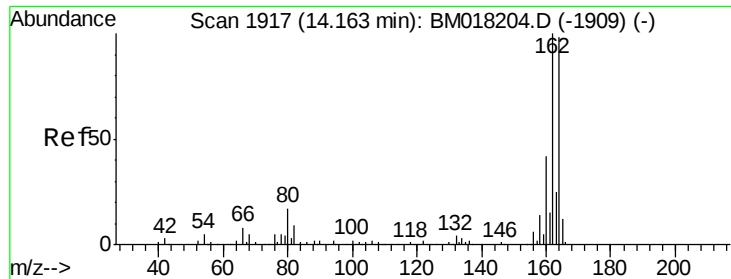
Tgt Ion:142 Resp: 679152
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.4 107.2
 115 40.1 29.0 43.6



#38
 1-Methylnaphthalene
 Concen: 45.457 ng
 RT: 12.15 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion:142 Resp: 635551
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.0 109.4
 116 4.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

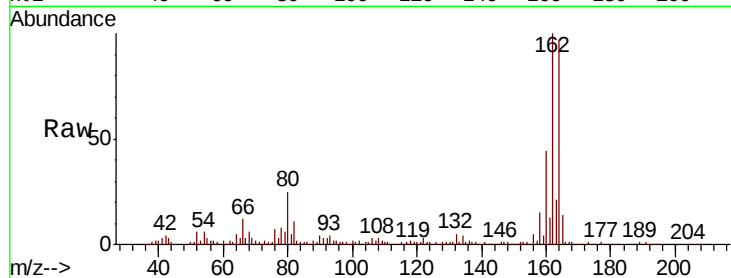
Tgt Ion:164 Resp: 202826

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

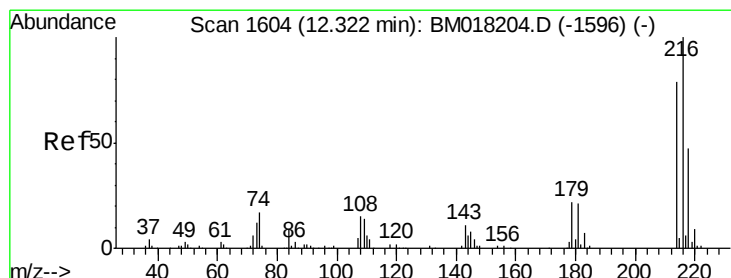
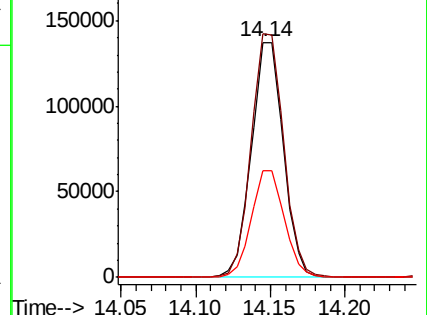
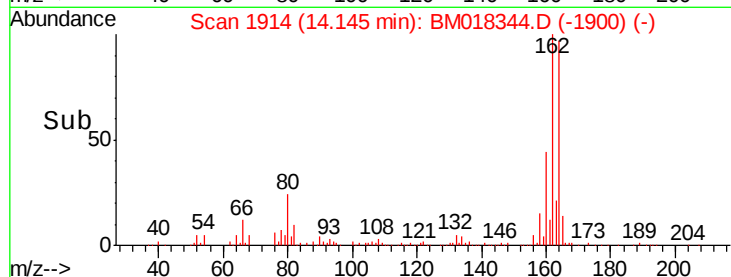
160 45.2 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.442 ng

RT: 12.30 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:216 Resp: 337865

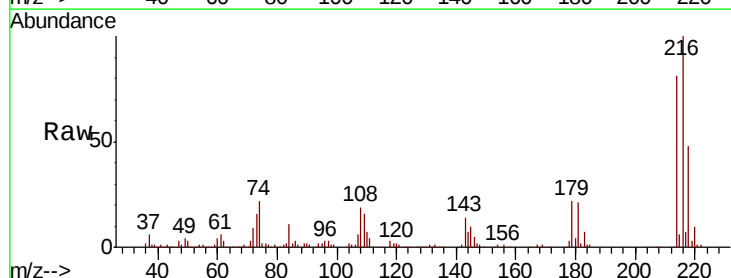
Ion Ratio Lower Upper

216 100

214 77.0 63.4 95.0

179 21.5 17.2 25.8

108 19.3 14.6 21.8

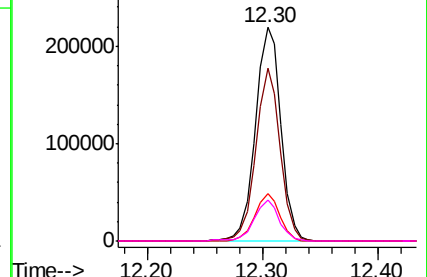
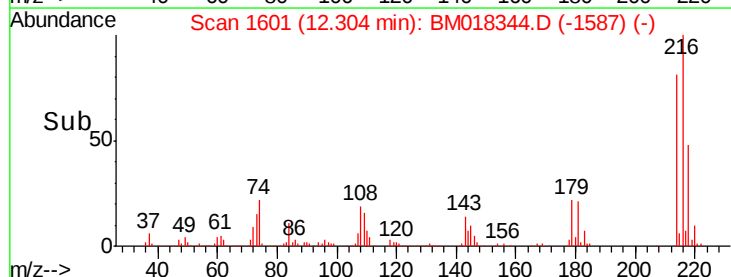


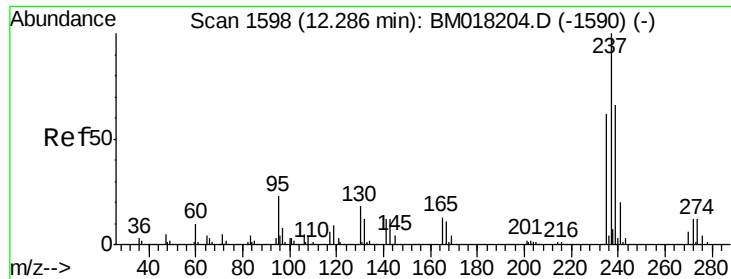
Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.223 ng

RT: 12.27 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

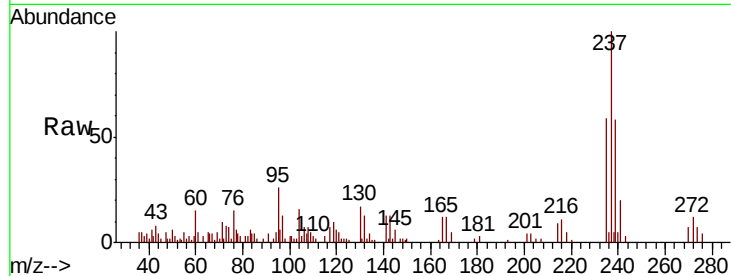
Tgt Ion: 237 Resp: 37829

Ion Ratio Lower Upper

237 100

235 58.5 42.1 82.1

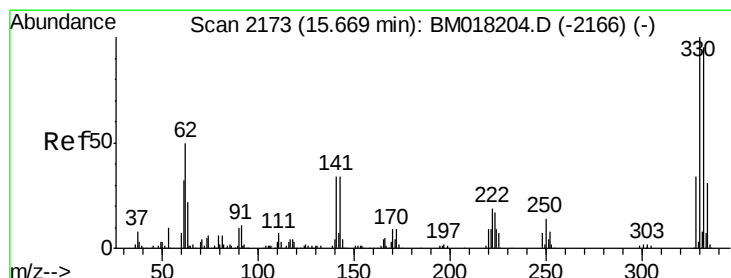
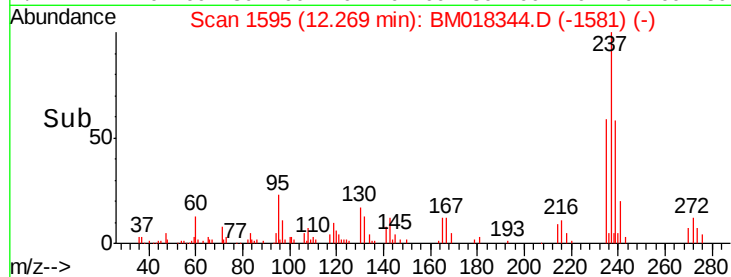
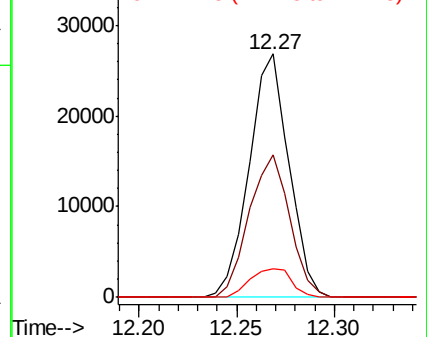
272 11.6 0.0 32.1



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: 147.251 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

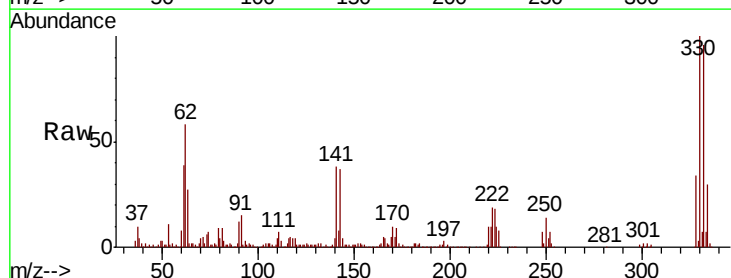
Tgt Ion: 330 Resp: 438354

Ion Ratio Lower Upper

330 100

332 97.1 78.6 118.0

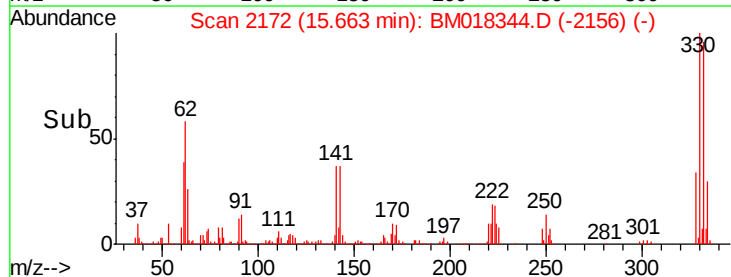
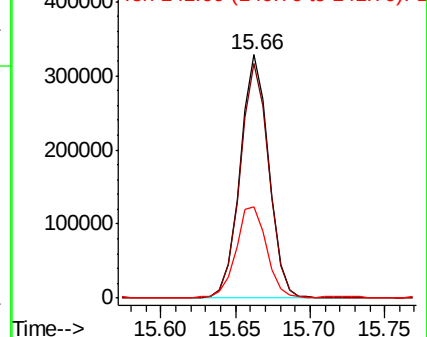
141 39.7 27.1 40.7

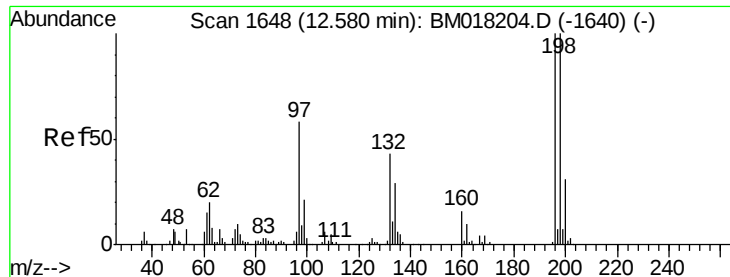


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

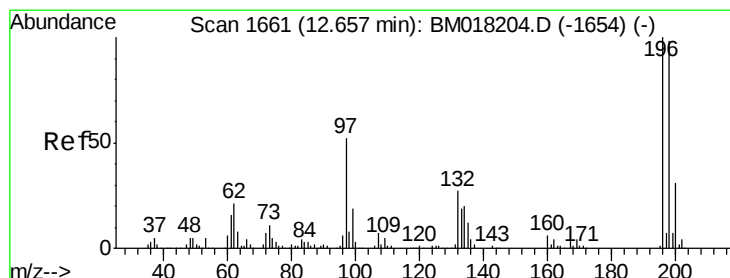
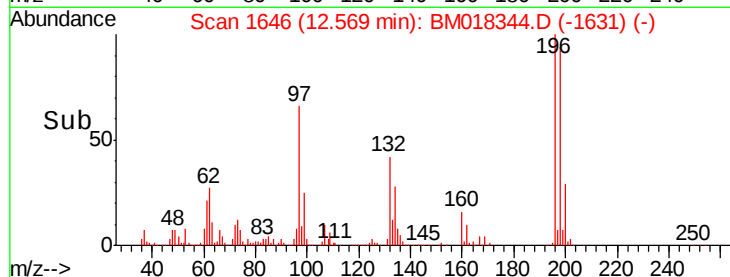
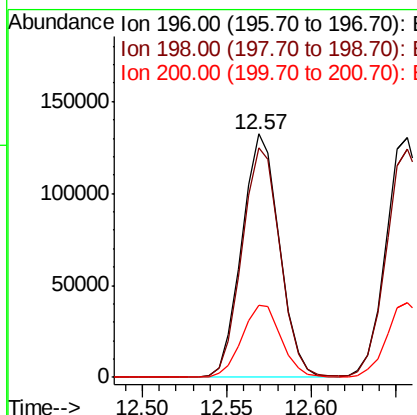
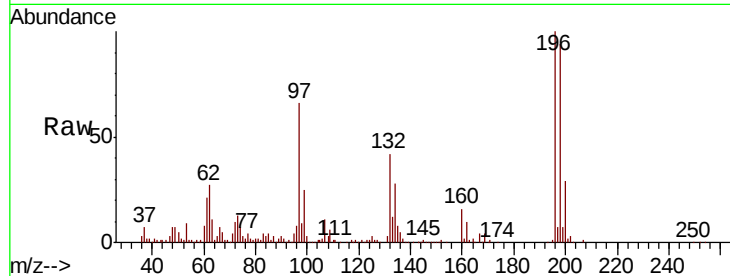




#43
 2,4,6-Trichlorophenol
 Concen: 45.824 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

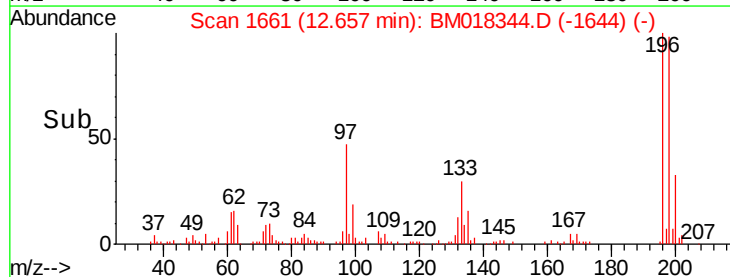
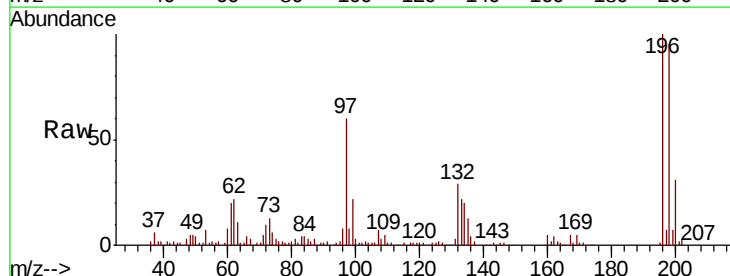
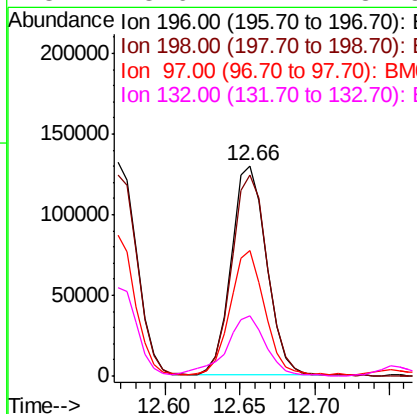
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

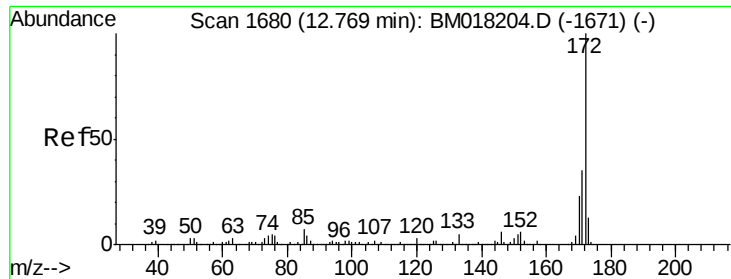
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	80.1	120.1
200	29.4	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.027 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.5	117.7
97	59.6	41.9	62.9
132	28.6	21.7	32.5

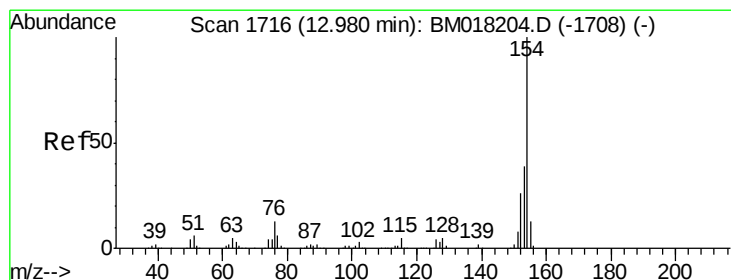
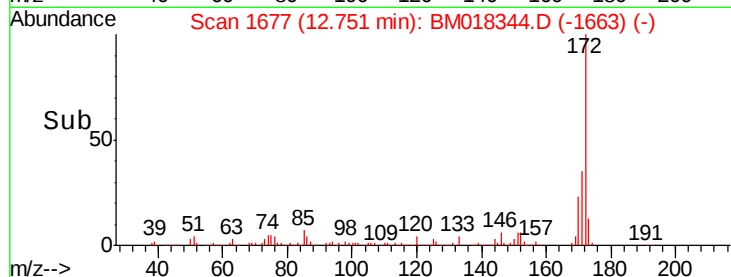
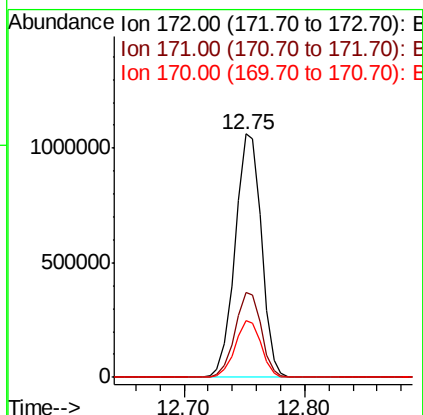
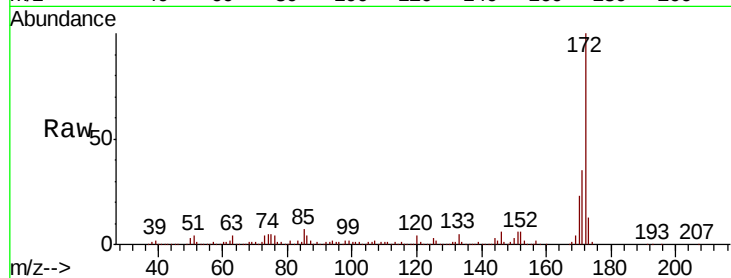




#45
 2-Fluorobiphenyl
 Concen: 103.030 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

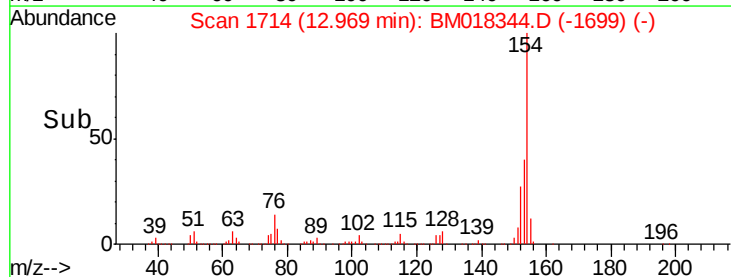
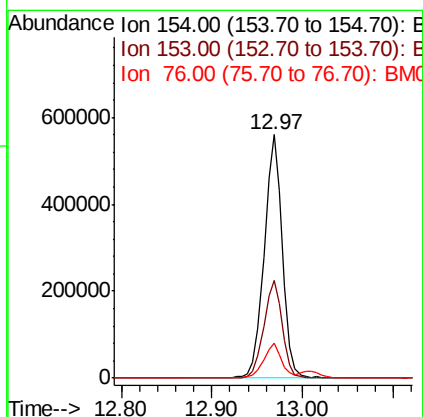
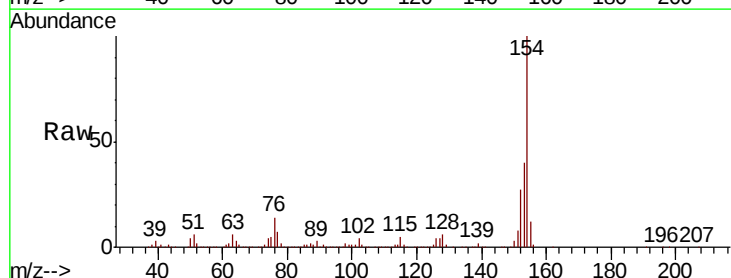
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

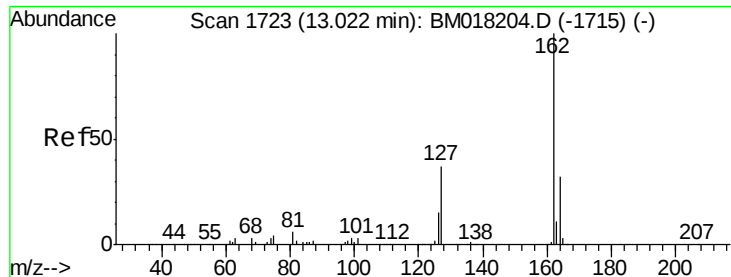
Tgt Ion:172 Resp: 1613382
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 23.2 18.1 27.1



#46
 1,1'-Biphenyl
 Concen: 42.894 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion:154 Resp: 782688
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.5 59.5
 76 14.2 0.0 33.1

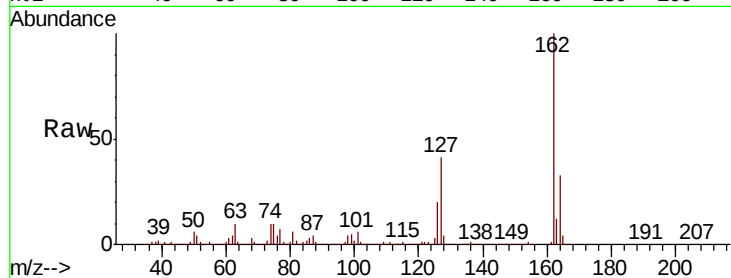




#47
 2-Chloronaphthalene
 Concen: 42.606 ng
 RT: 13.01 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.8	47.8
164	33.5	25.9	38.9

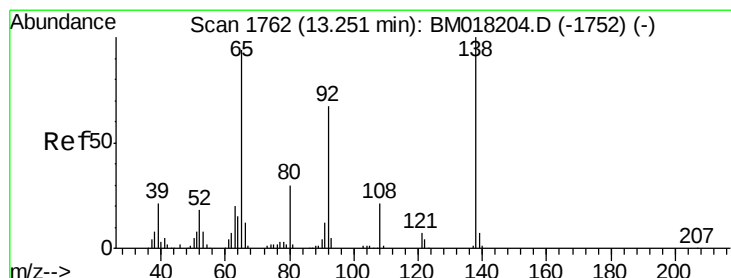
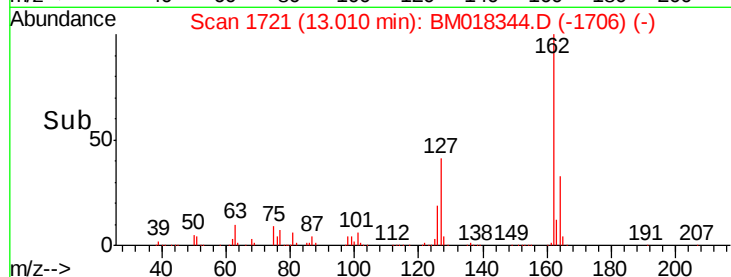
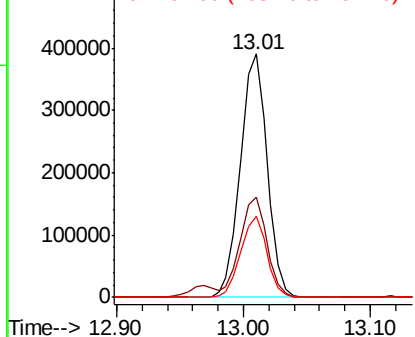


Abundance

Ion 162.00 (161.70 to 162.70): E

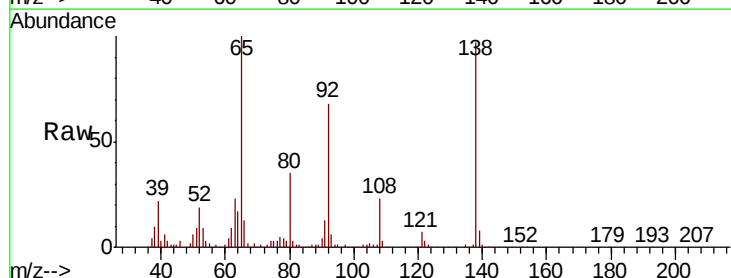
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 51.271 ng
 RT: 13.25 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	56.8	85.2
138	96.6	85.1	127.7

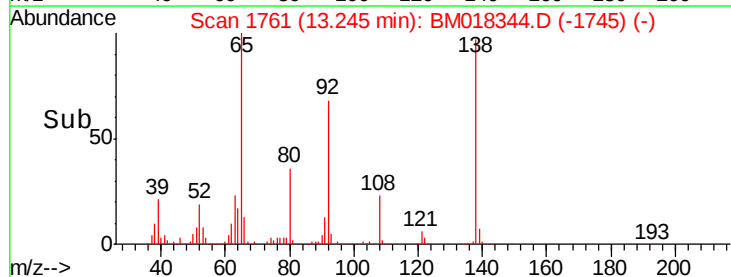
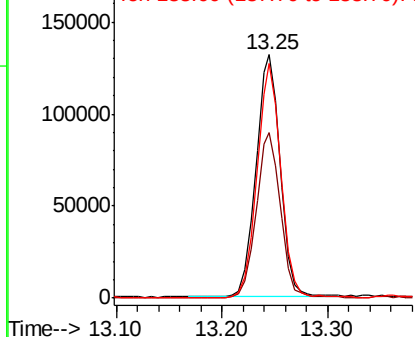


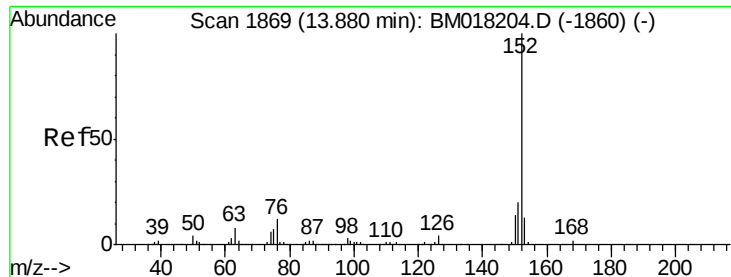
Abundance

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: 58.902 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

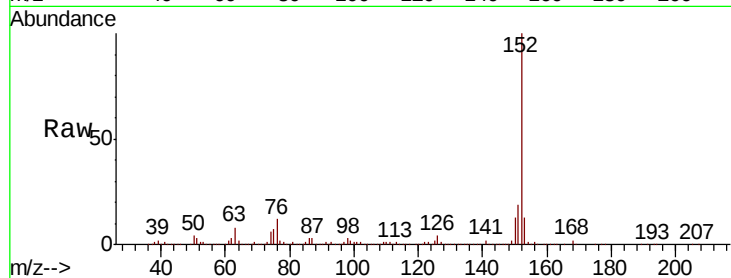
Tgt Ion:152 Resp: 1192105

Ion Ratio Lower Upper

152 100

151 19.2 16.0 24.0

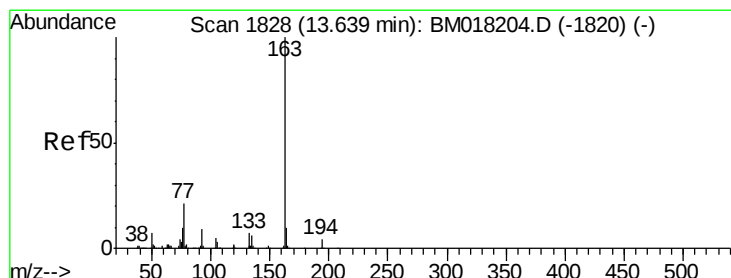
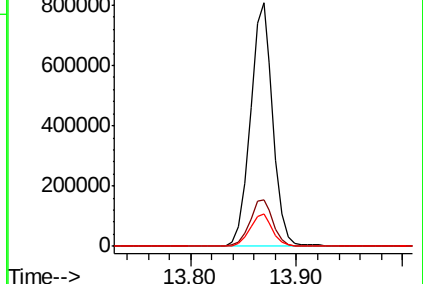
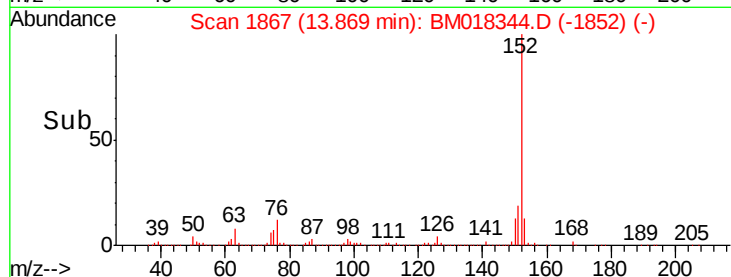
153 13.2 10.2 15.2



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: 47.585 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

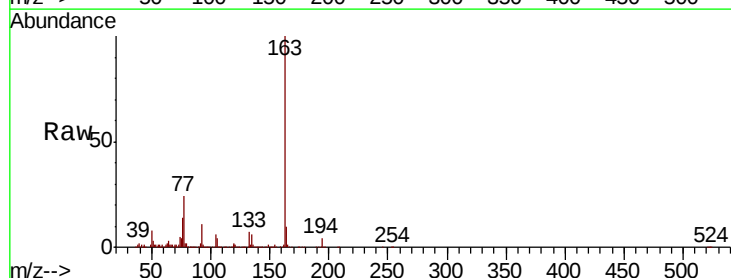
Tgt Ion:163 Resp: 802397

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

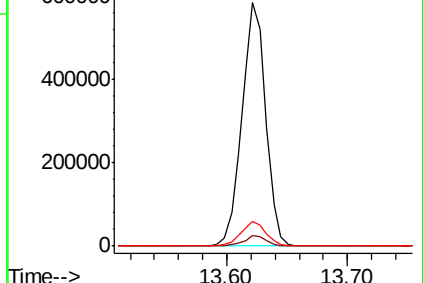
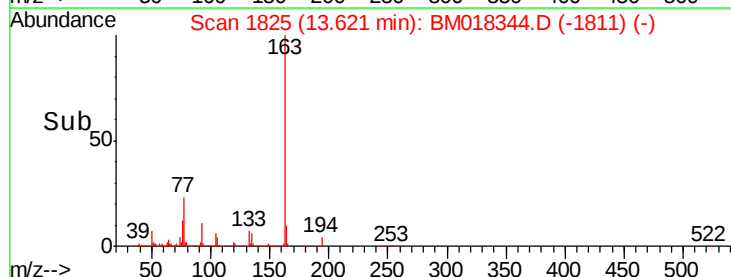
164 10.3 7.9 11.9

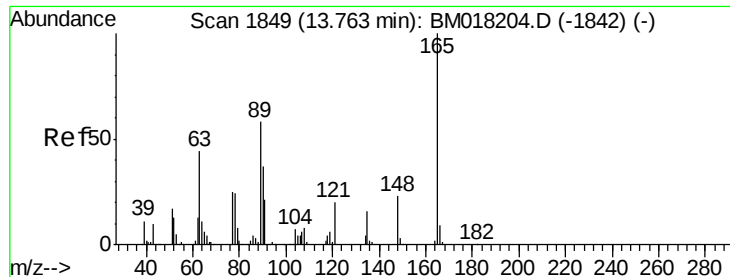


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

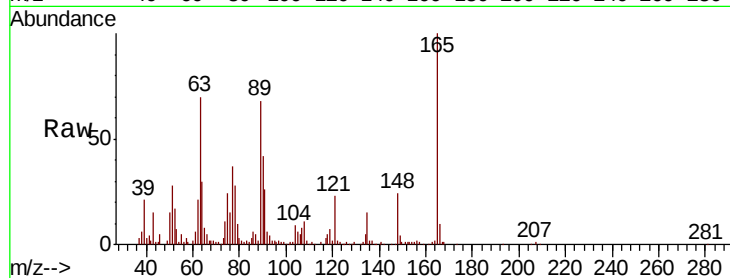




#51
2,6-Dinitrotoluene
Concen: 35.749 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.5	46.6	69.8
89	68.4	46.3	69.5

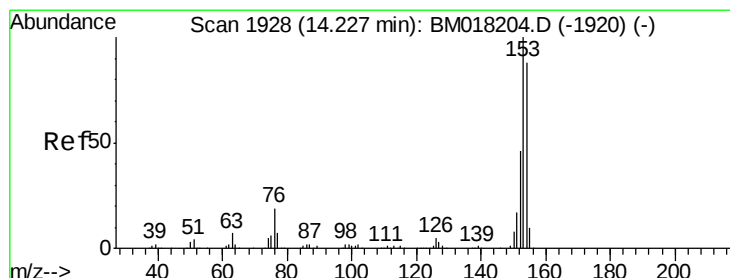
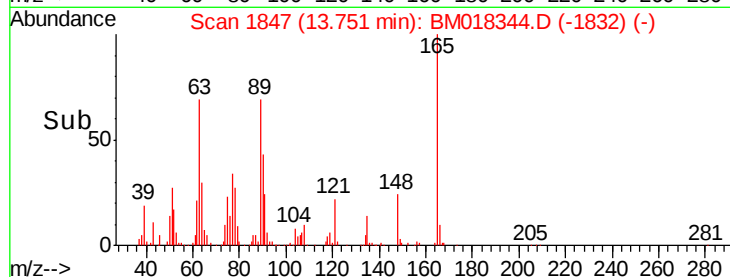
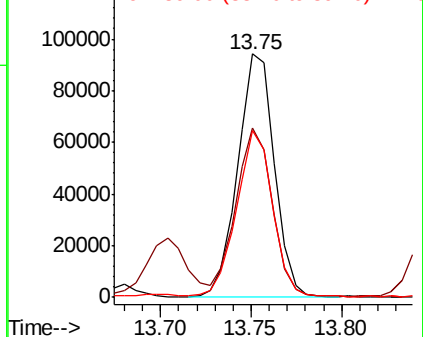


Abundance

Ion 165.00 (164.70 to 165.70): E

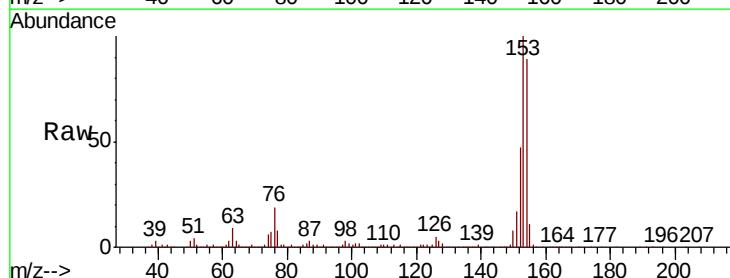
Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52
Acenaphthene
Concen: 42.776 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.4	135.6
152	52.6	41.2	61.8

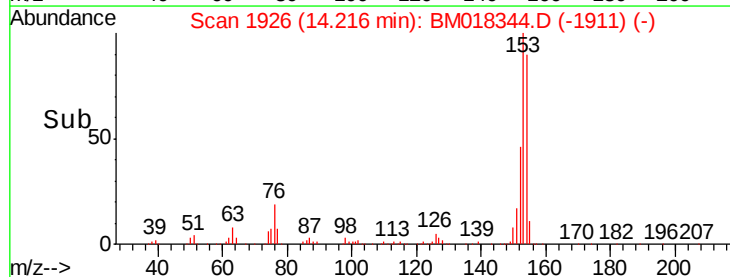
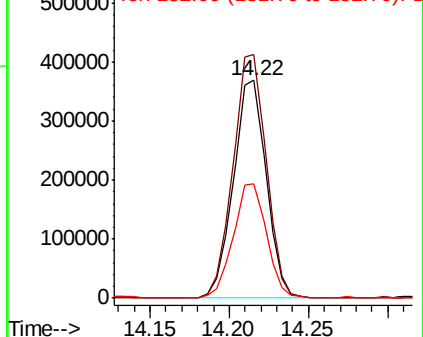


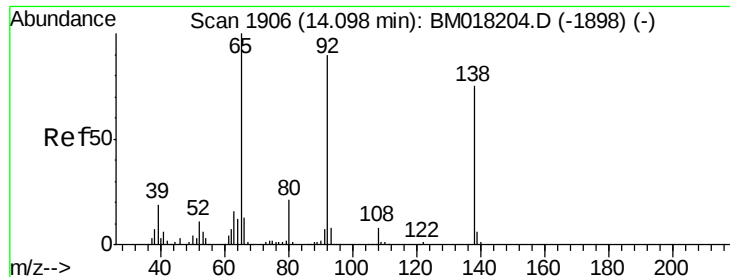
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.848 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

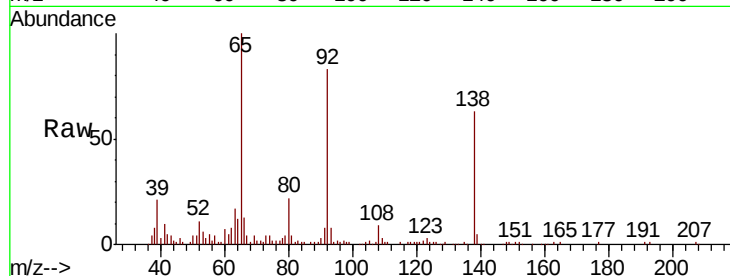
Tgt Ion:138 Resp: 100830

Ion Ratio Lower Upper

138 100

108 14.2 8.4 12.6#

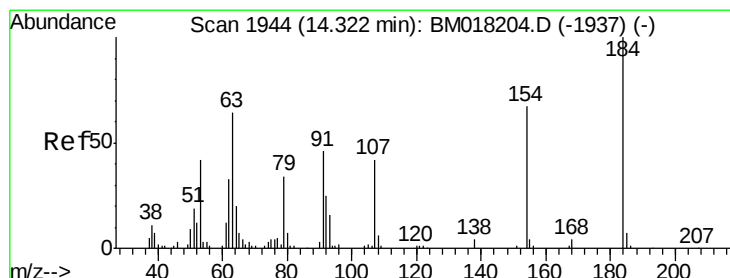
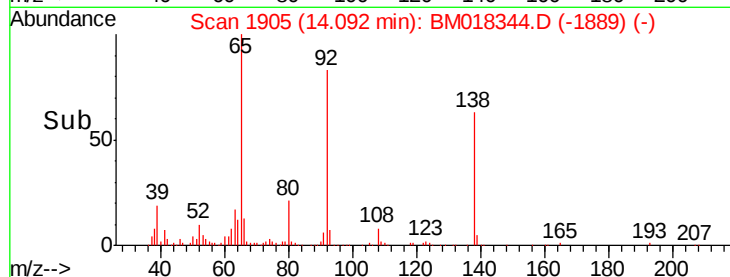
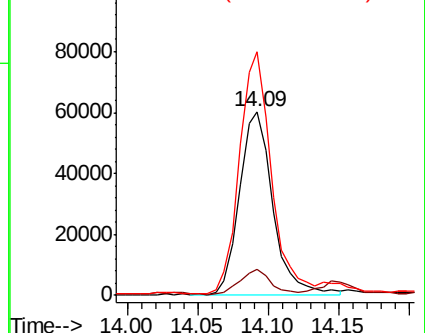
92 132.3 94.9 142.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 3.296 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

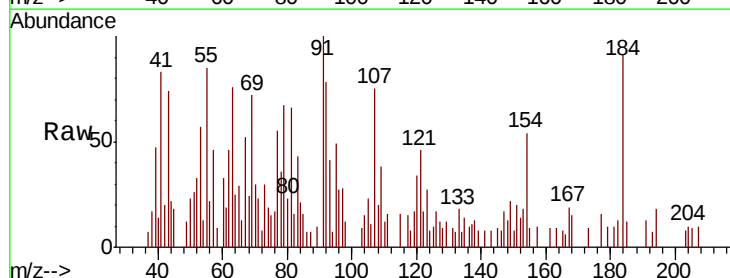
Tgt Ion:184 Resp: 6740

Ion Ratio Lower Upper

184 100

63 84.0 51.6 77.4#

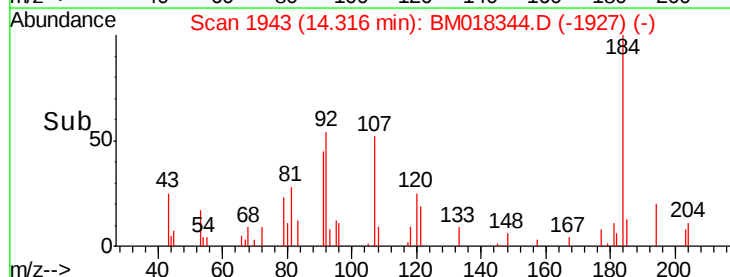
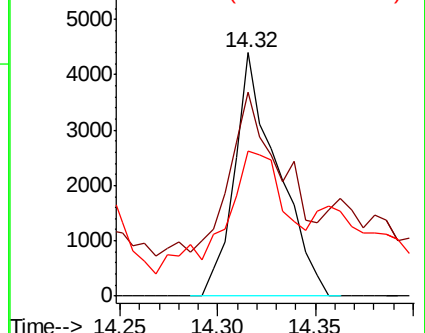
154 59.5 54.0 81.0

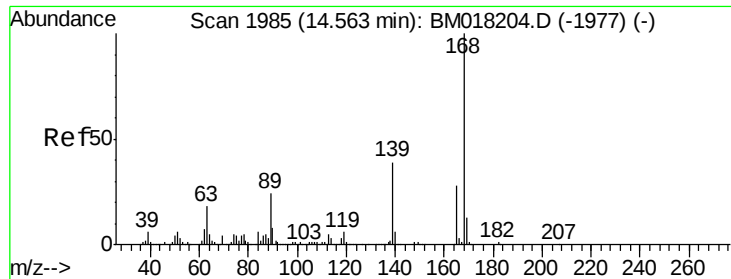


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.113 ng

RT: 14.55 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

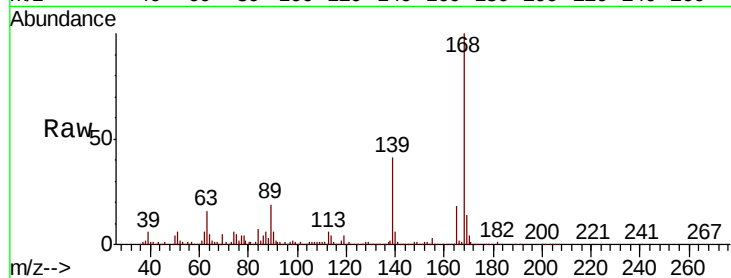
Tgt Ion:168 Resp: 876708

Ion Ratio Lower Upper

168 100

139 40.8 31.2 46.8

169 13.9 10.4 15.6

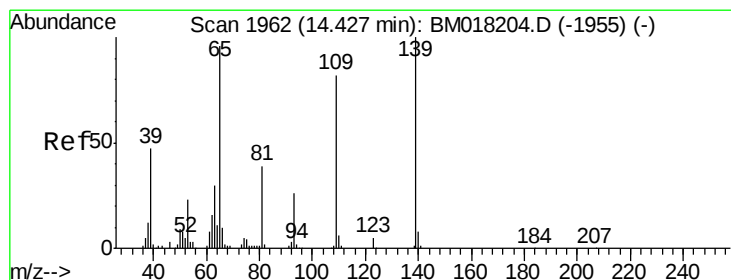
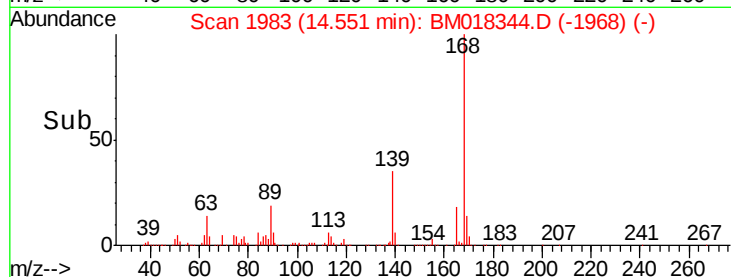
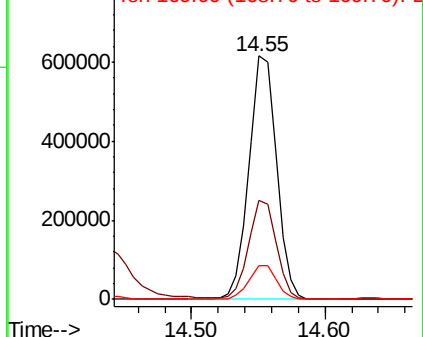


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.111 ng

RT: 14.44 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

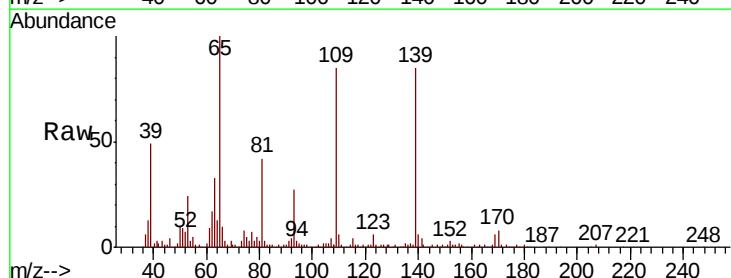
Tgt Ion:139 Resp: 236938

Ion Ratio Lower Upper

139 100

109 99.1 62.3 102.3

65 117.3 76.4 116.4#

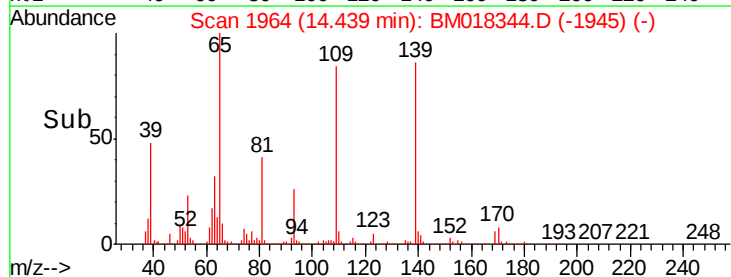
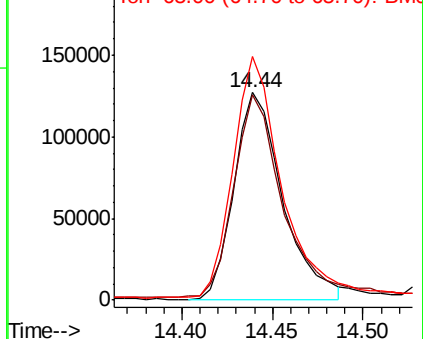


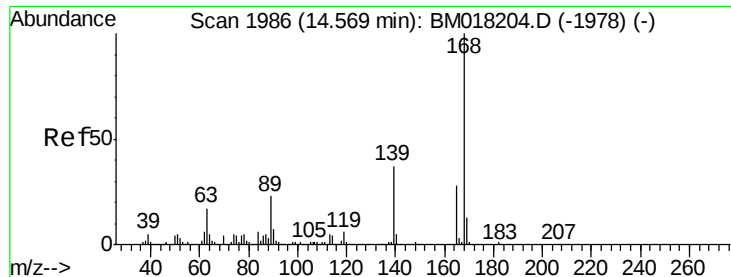
Abundance

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): BM

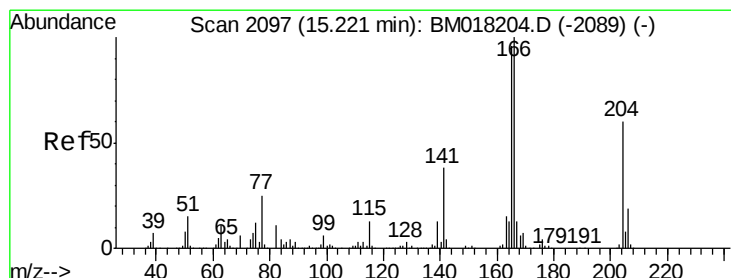
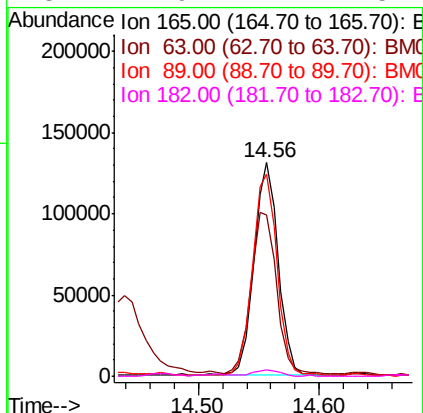
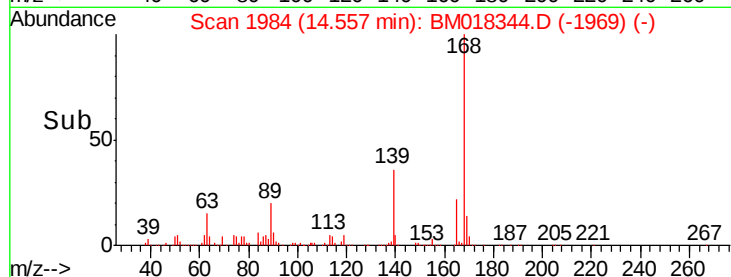
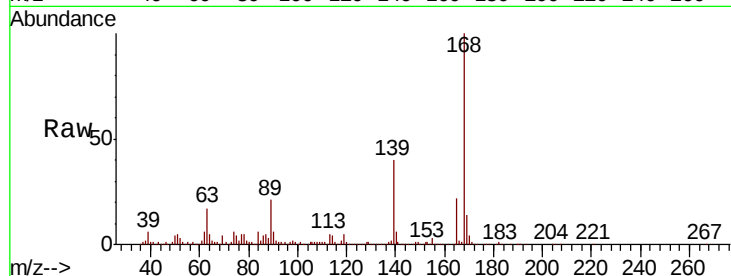




#57
2,4-Dinitrotoluene
Concen: 35.808 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

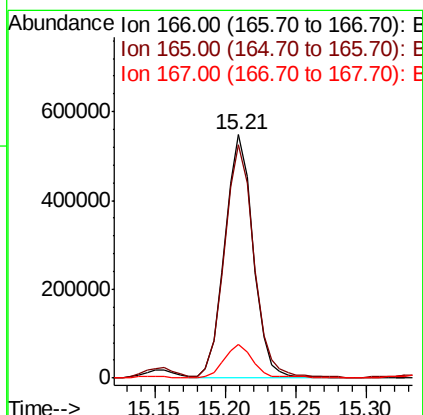
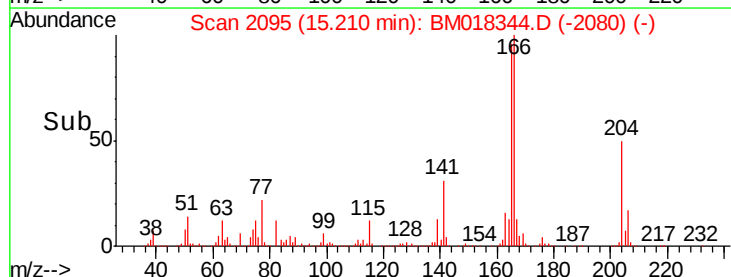
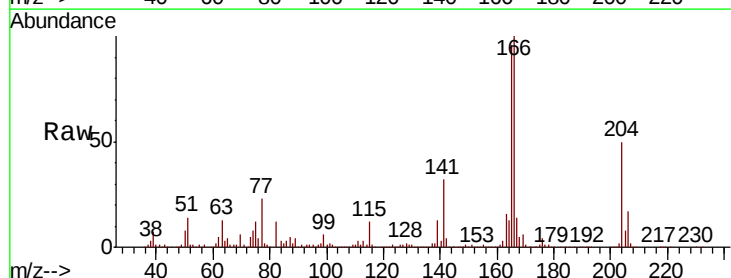
Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

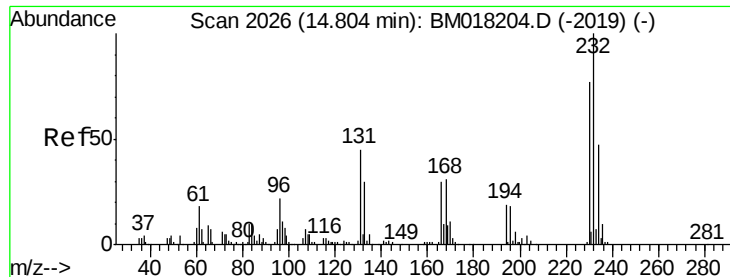
Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.4	47.2	70.8#
89	94.8	65.8	98.8
182	2.9	2.2	3.4



#58
Fluorene
Concen: 49.763 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.9	115.3
167	13.6	10.5	15.7

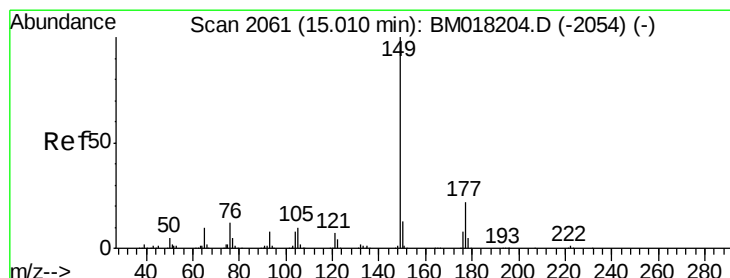
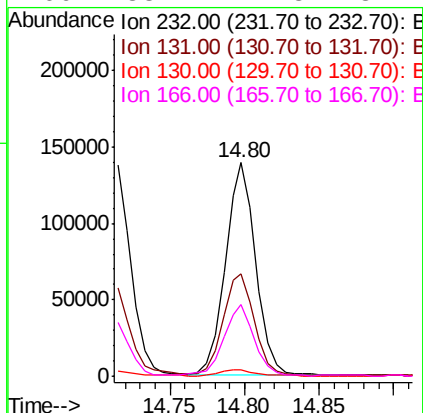
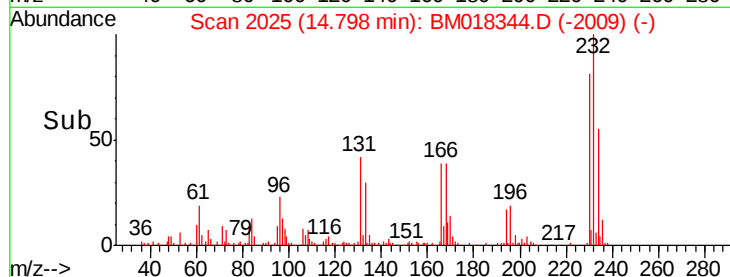
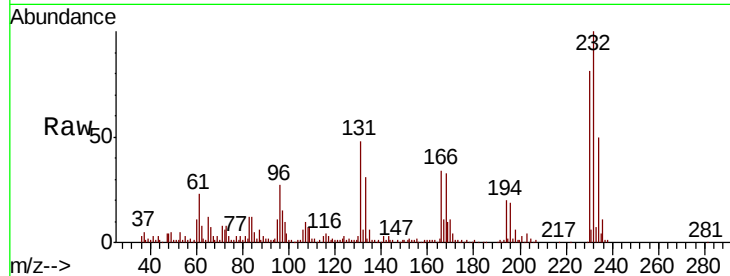




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.851 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

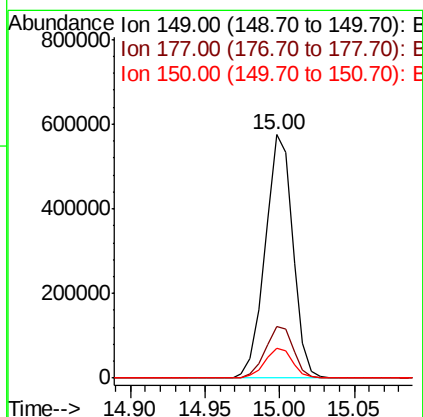
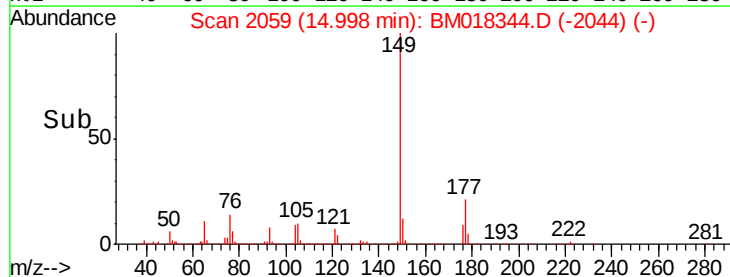
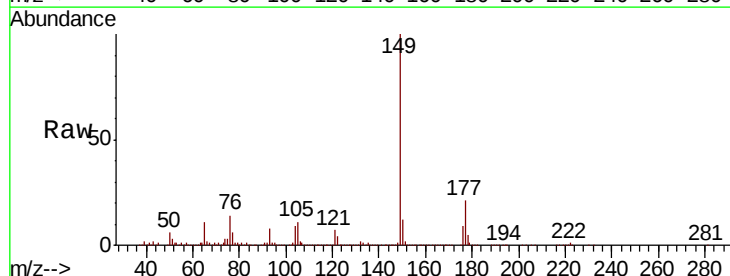
Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

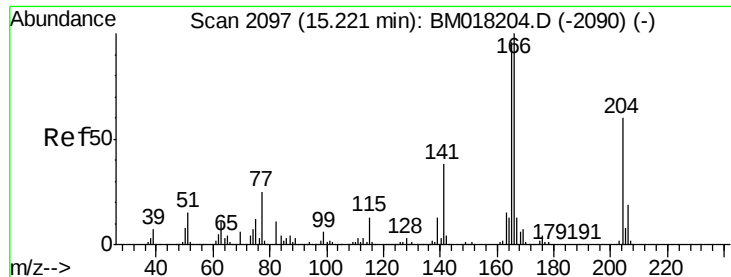
Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.2	36.2	54.2
130	3.8	1.8	2.6
166	33.4	24.8	37.2



#60
Diethylphthalate
Concen: 40.185 ng
RT: 15.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.8
150	12.4	10.3	15.5

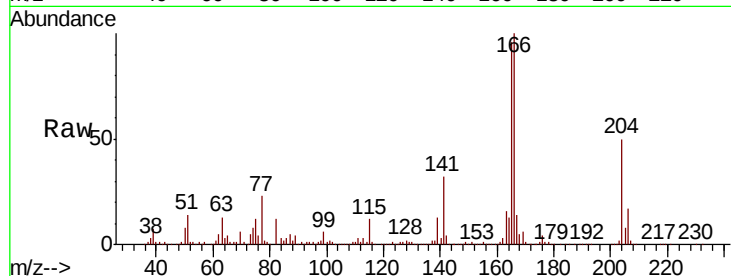




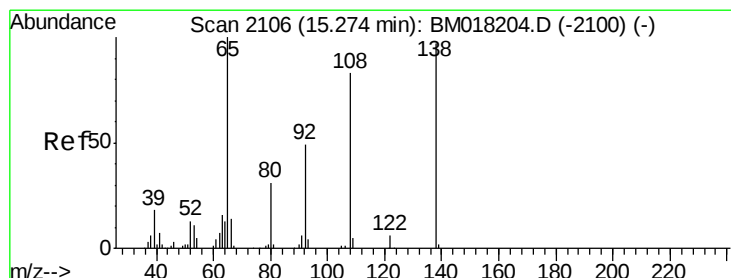
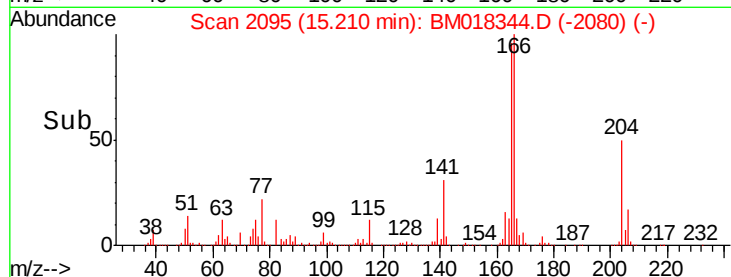
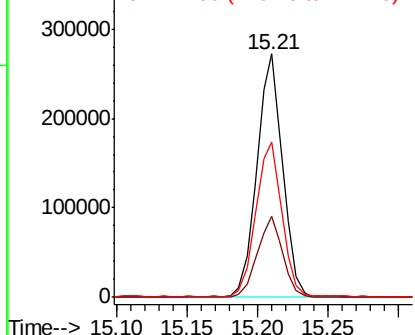
#61
4-Chlorophenyl-phenylether
Concen: 40.144 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tgt Ion:204 Resp: 348492
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 63.6 50.2 75.4

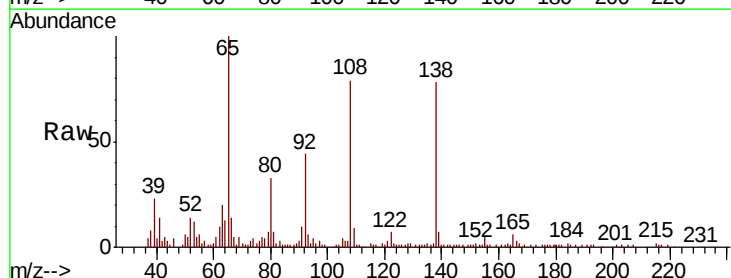


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

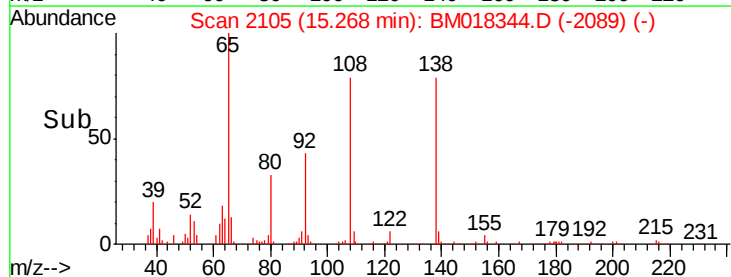
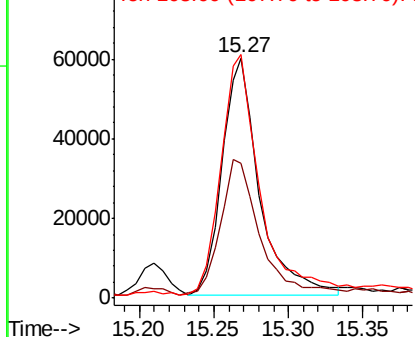


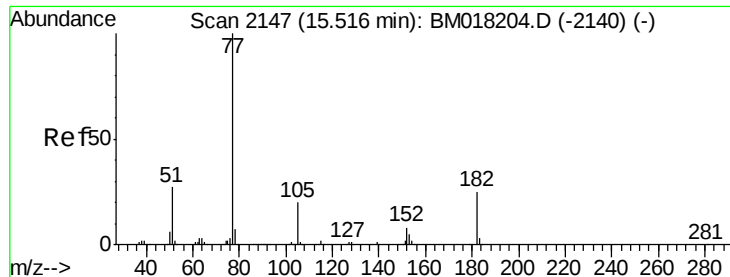
#62
4-Nitroaniline
Concen: 28.119 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:138 Resp: 104083
Ion Ratio Lower Upper
138 100
92 56.0 31.1 71.1
108 101.4 65.0 105.0



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

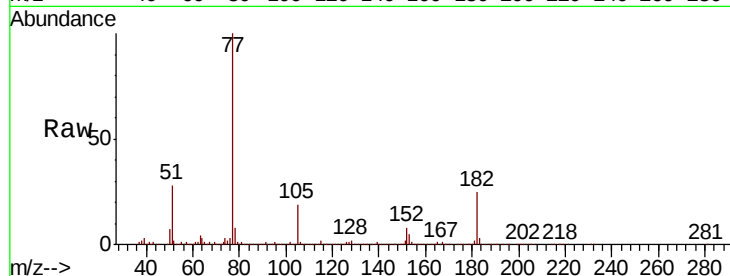




#63
Azobenzene
Concen: 44.805 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tgt Ion:	77	Resp:	743431
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	18.7	0.2	40.2
51	27.8	7.0	47.0

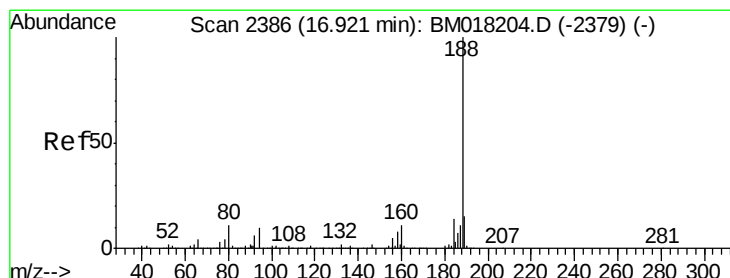
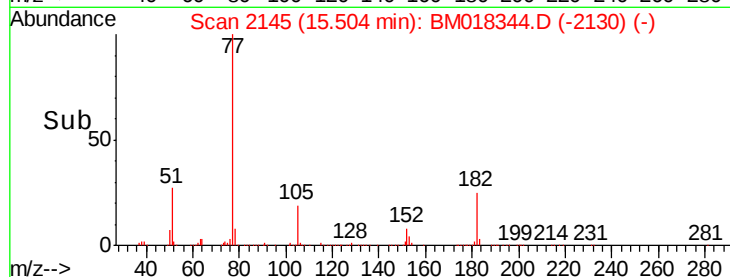
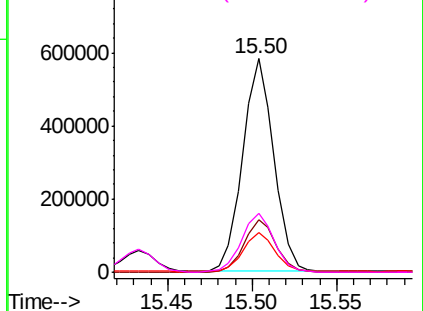


Abundance Ion 77.00 (76.70 to 77.70): BM018344.D (-2140) (-)

Ion 182.00 (181.70 to 182.70): BM018344.D (-2140) (-)

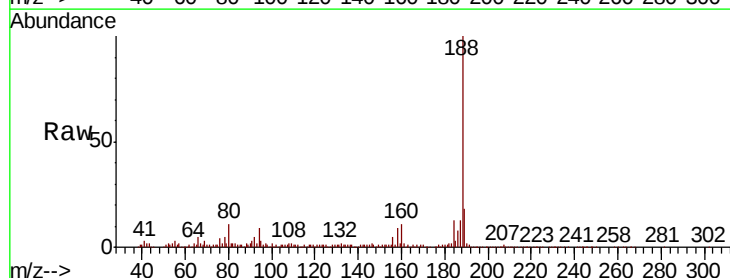
Ion 105.00 (104.70 to 105.70): BM018344.D (-2140) (-)

Ion 51.00 (50.70 to 51.70): BM018344.D (-2140) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

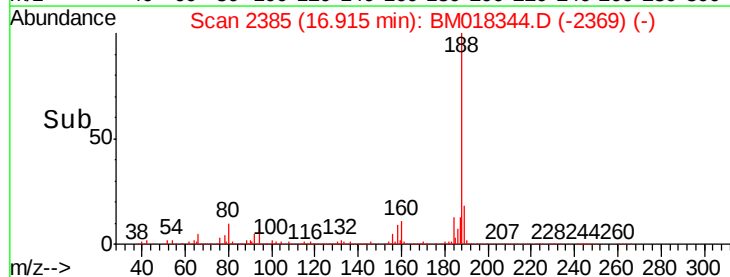
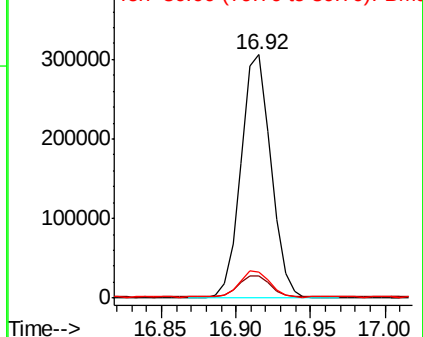
Tgt Ion:	188	Resp:	425054
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	10.6	9.0	13.6

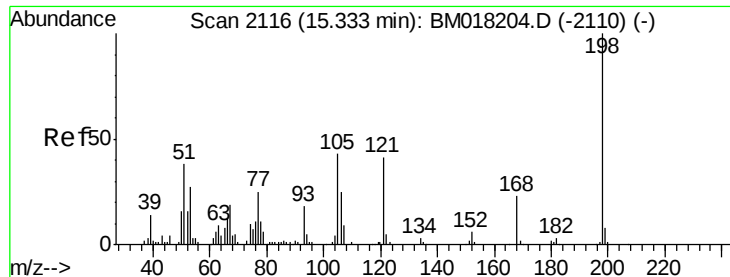


Abundance Ion 188.00 (187.70 to 188.70): BM018344.D (-2379) (-)

Ion 94.00 (93.70 to 94.70): BM018344.D (-2379) (-)

Ion 80.00 (79.70 to 80.70): BM018344.D (-2379) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 2.435 ng

RT: 15.33 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

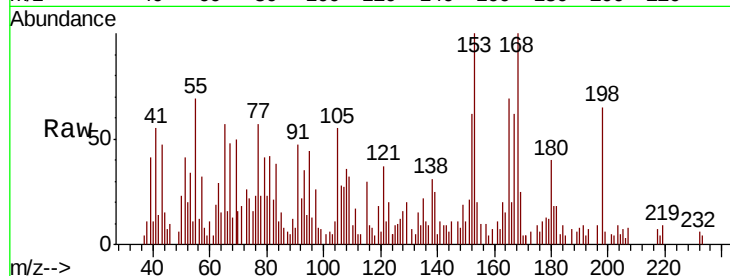
Tgt Ion:198 Resp: 7620

Ion Ratio Lower Upper

198 100

51 63.0 18.6 58.6#

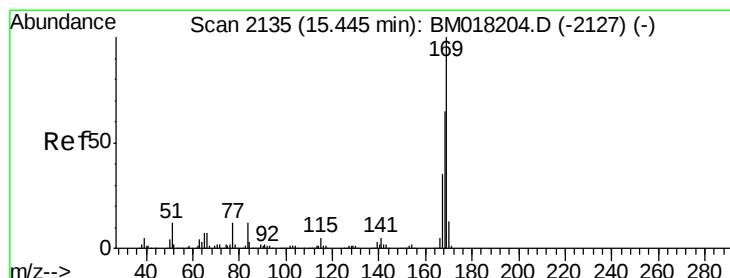
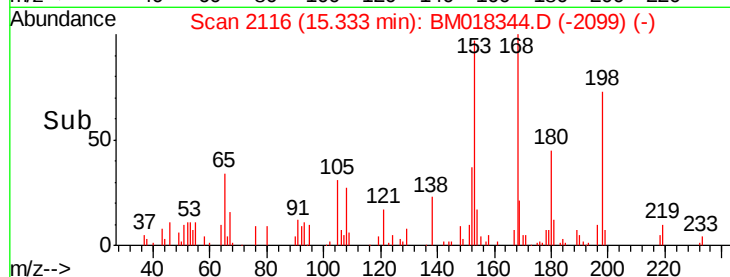
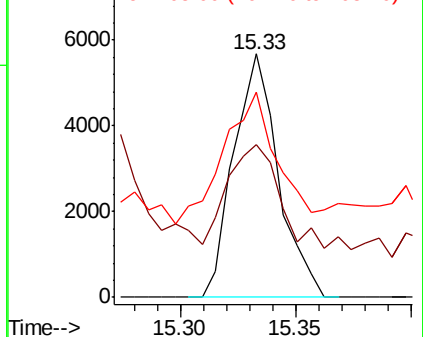
105 84.1 22.9 62.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.915 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

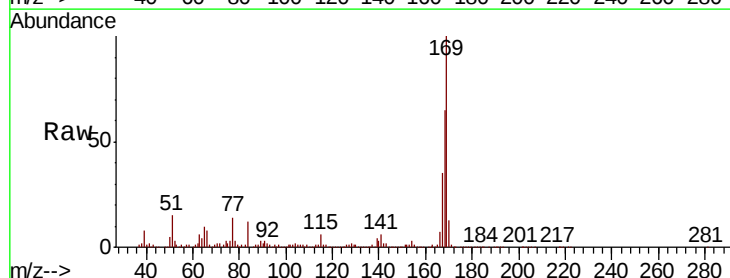
Tgt Ion:169 Resp: 575087

Ion Ratio Lower Upper

169 100

168 65.2 52.2 78.4

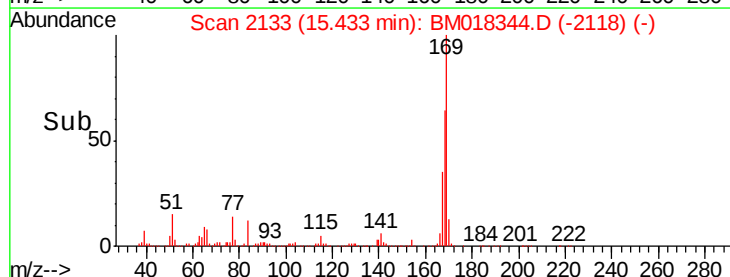
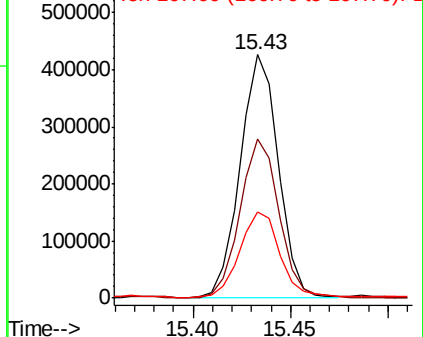
167 35.4 27.6 41.4

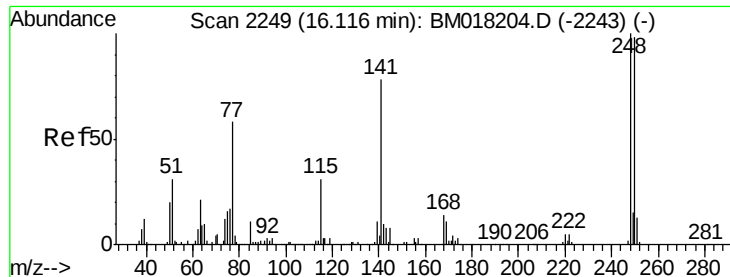


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

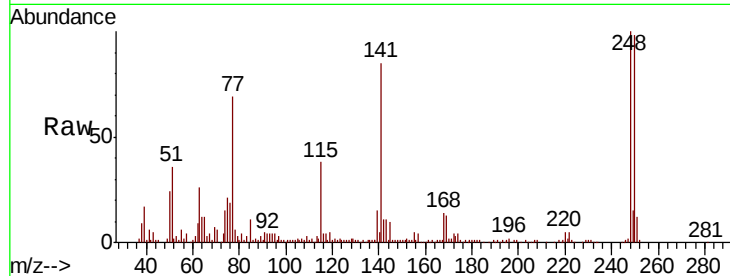




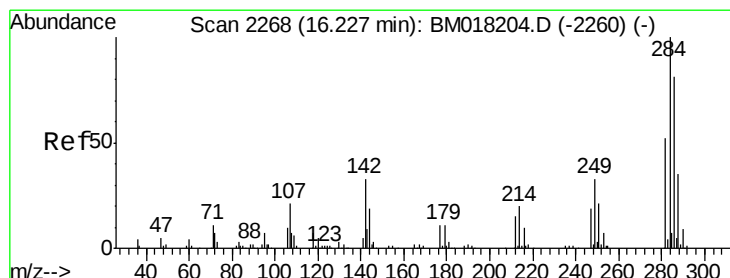
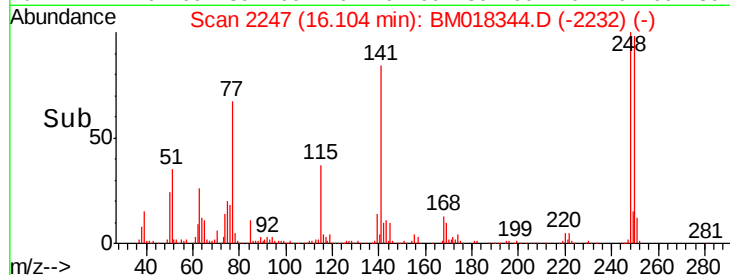
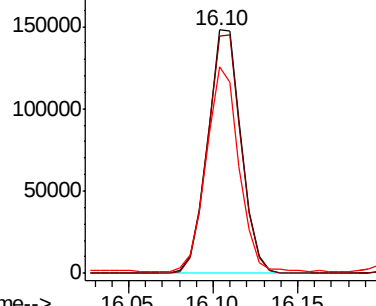
#67
 4-Bromophenyl-phenylether
 Concen: 39.589 ng
 RT: 16.10 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Tgt Ion: 248 Resp: 203794
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.7 118.1
 141 84.6 62.2 93.4

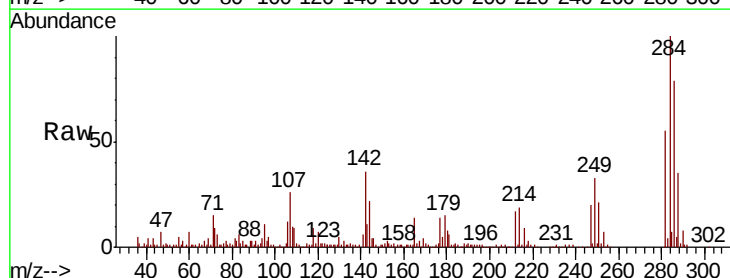


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

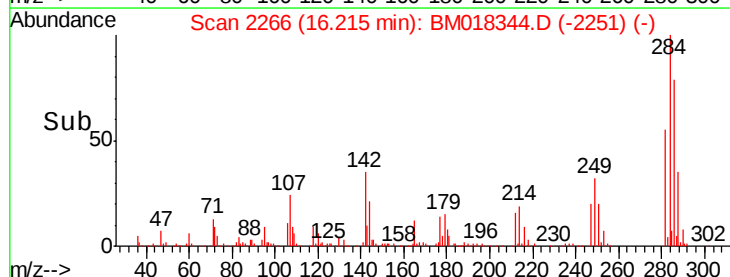
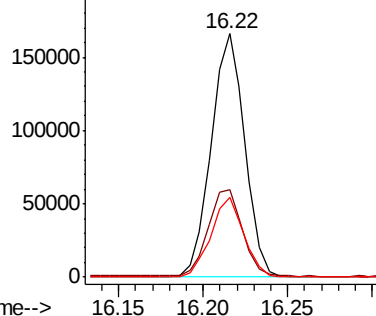


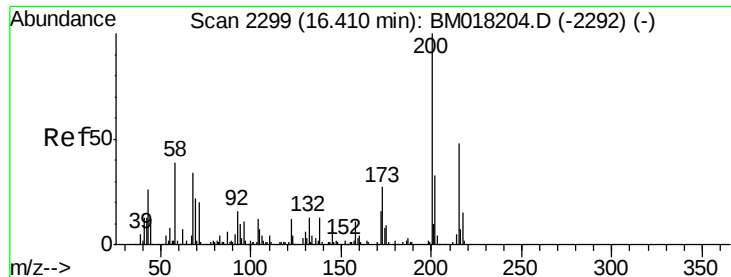
#68
 Hexachlorobenzene
 Concen: 40.611 ng
 RT: 16.22 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion: 284 Resp: 229030
 Ion Ratio Lower Upper
 284 100
 142 36.2 26.2 39.4
 249 32.6 26.2 39.2



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





#69

Atrazine

Concen: 42.484 ng

RT: 16.41 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

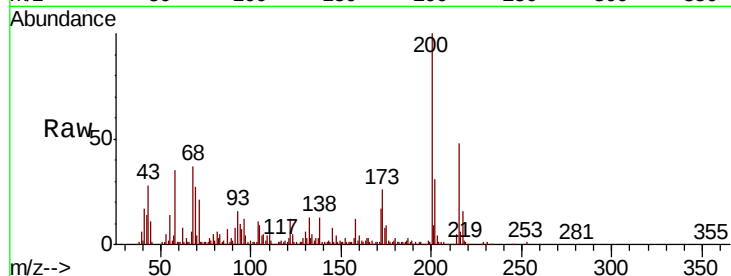
Tgt Ion:200 Resp: 201592

Ion Ratio Lower Upper

200 100

173 25.6 6.9 46.9

215 47.6 27.9 67.9

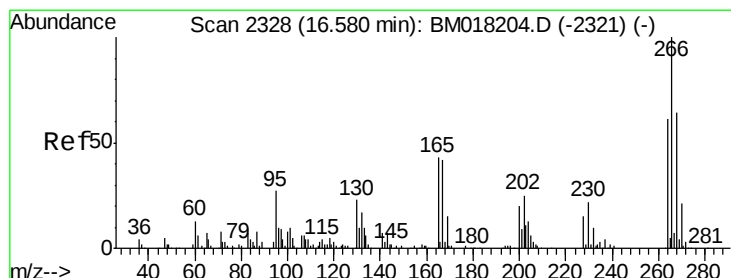
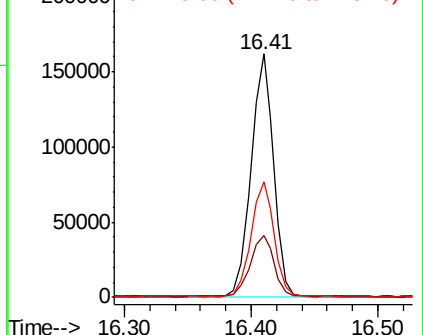
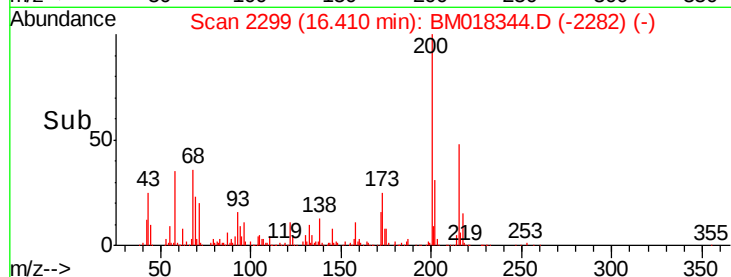


Abundance

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: 73.937 ng

RT: 16.57 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

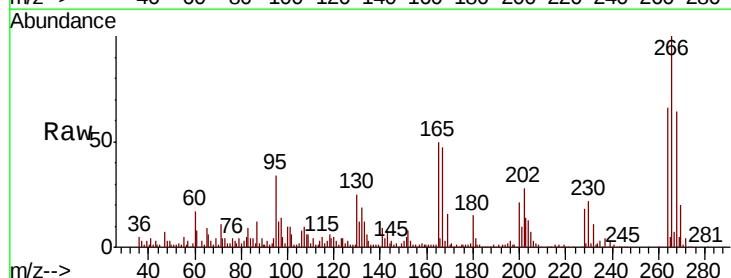
Tgt Ion:266 Resp: 275383

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

264 66.0 49.0 73.4

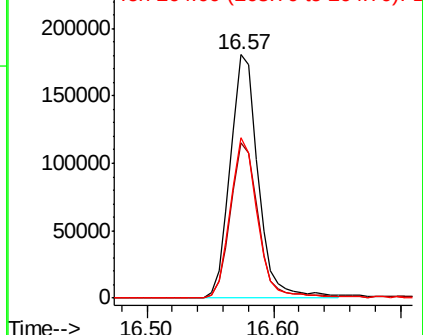
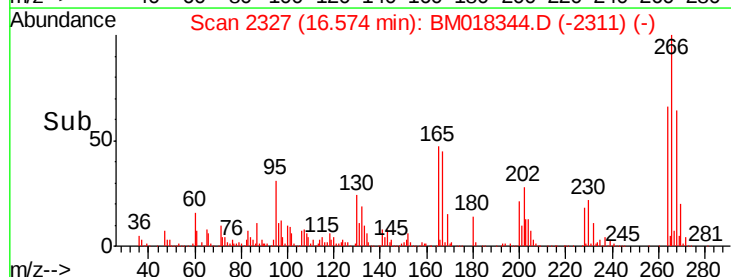


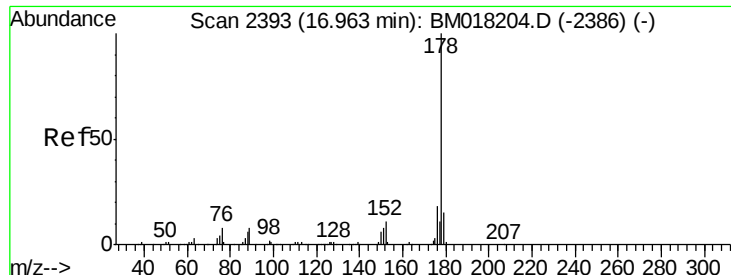
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

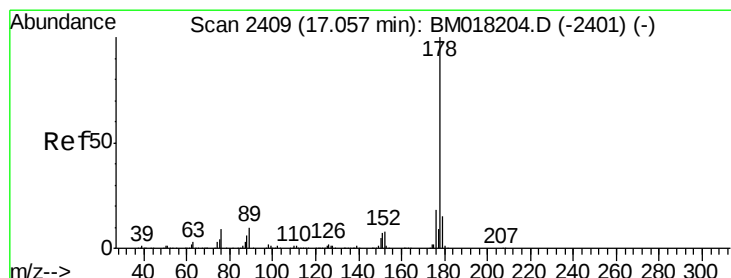
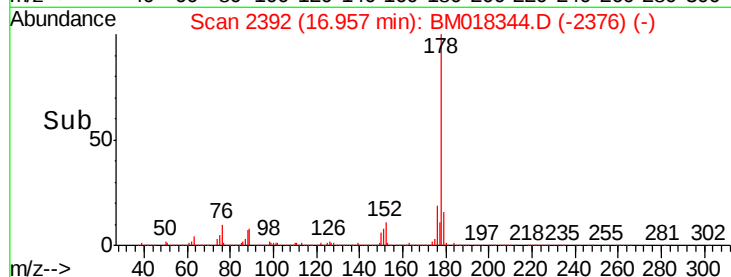
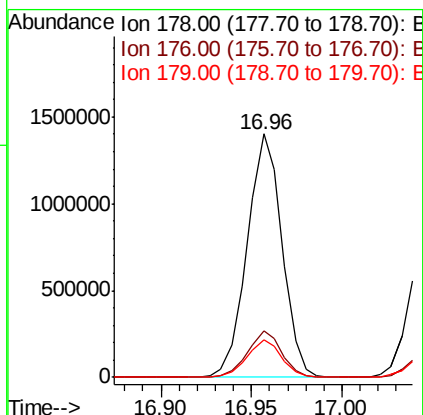
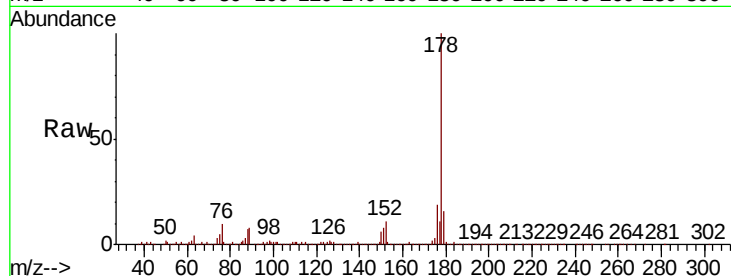




#71
Phenanthrene
Concen: 80.763 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

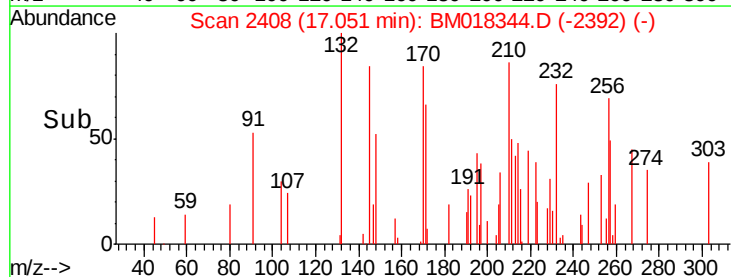
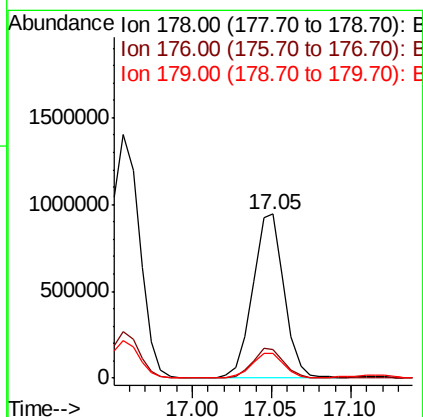
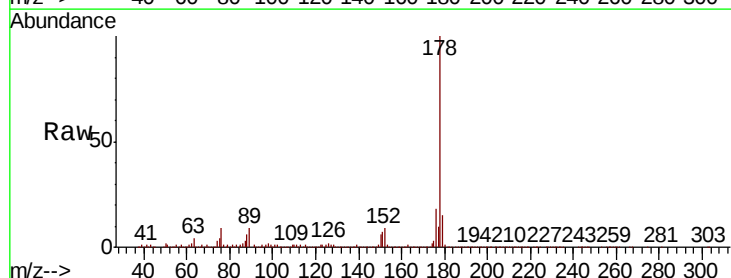
Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

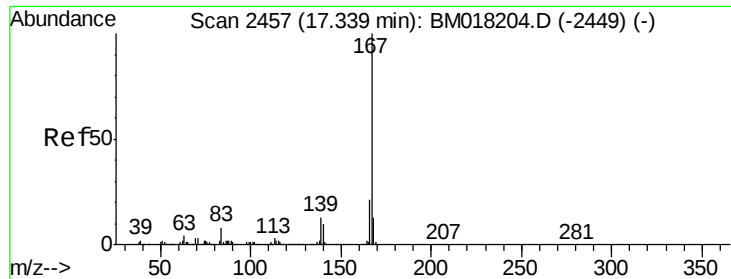
Tgt Ion:178 Resp: 1864659
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.7 12.0 18.0



#72
Anthracene
Concen: 56.226 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:178 Resp: 1287849
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.1 12.0 18.0

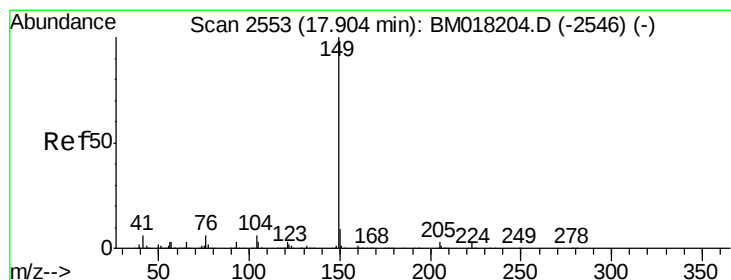
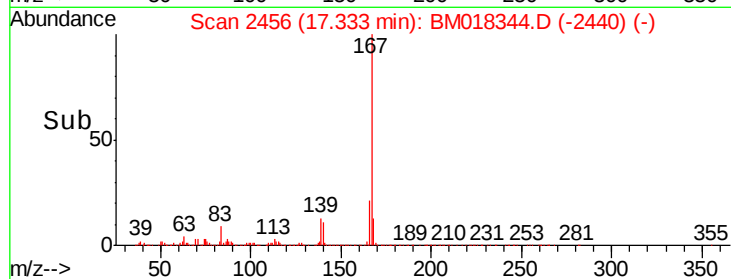
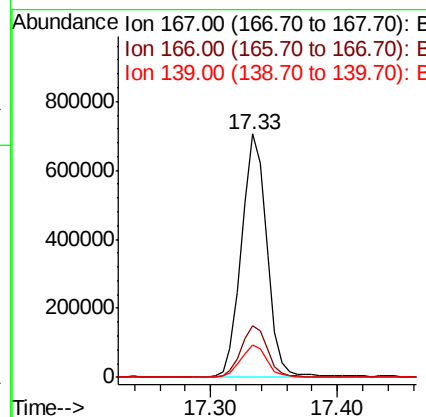
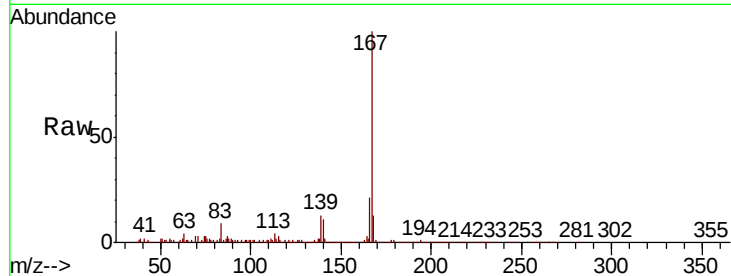




#73
 Carbazole
 Concen: 41.348 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

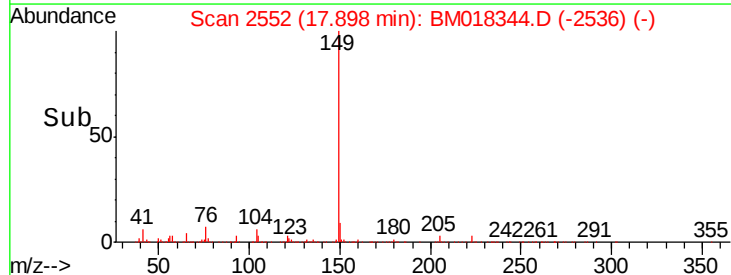
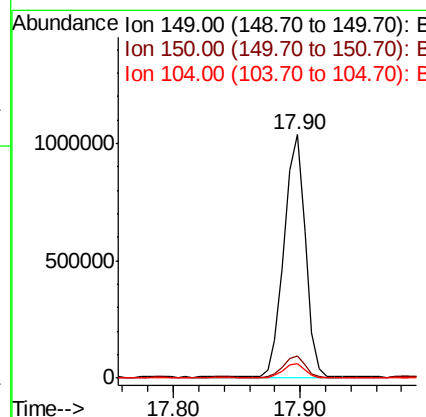
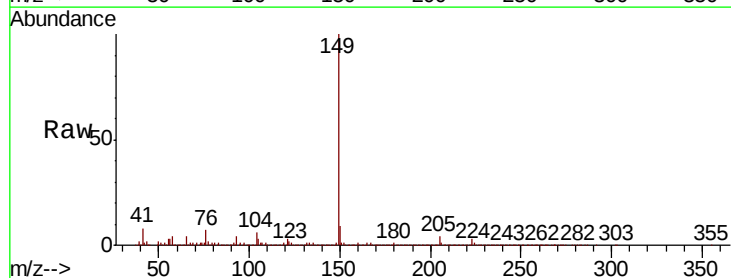
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

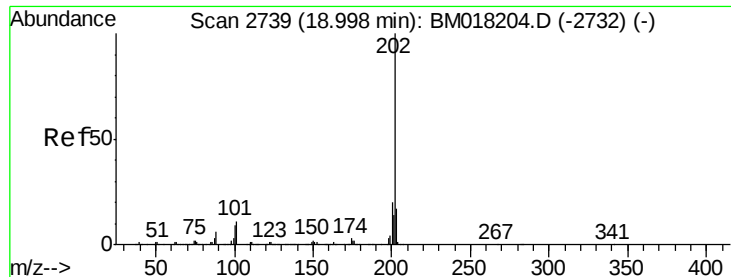
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	13.4	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 41.700 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.9	4.8	7.2





#75

Fluoranthene

Concen: 68.965 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

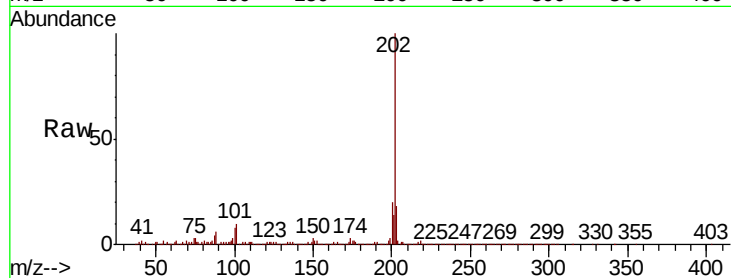
Tgt Ion:202 Resp: 1851246

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.5

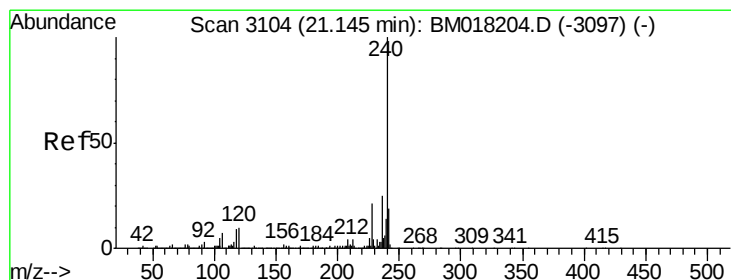
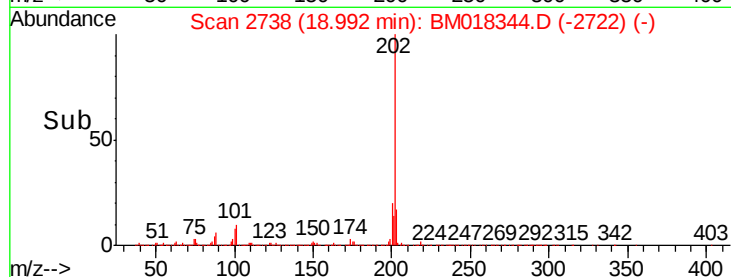
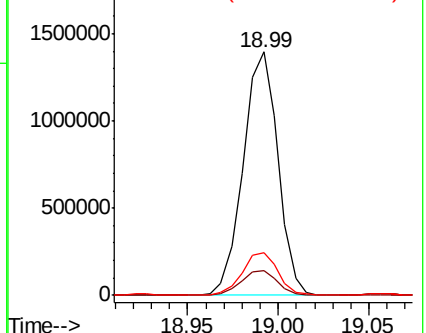
203 17.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

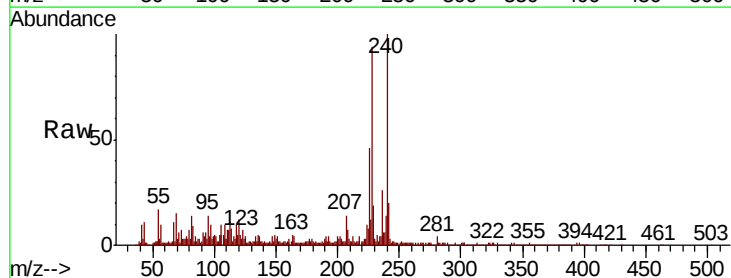
Tgt Ion:240 Resp: 557195

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

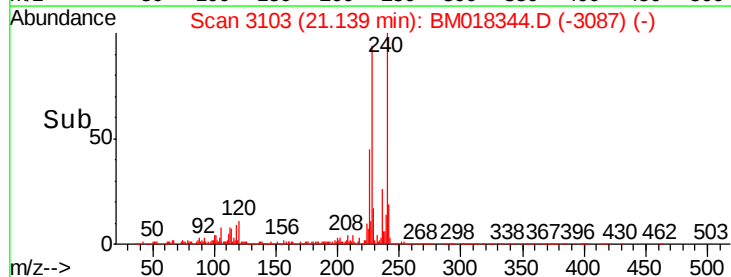
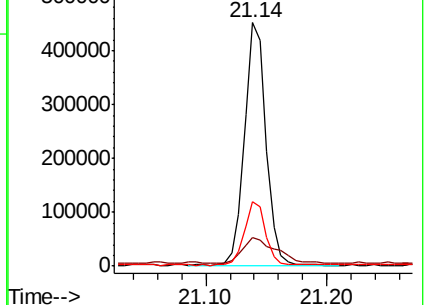
236 26.2 20.3 30.5

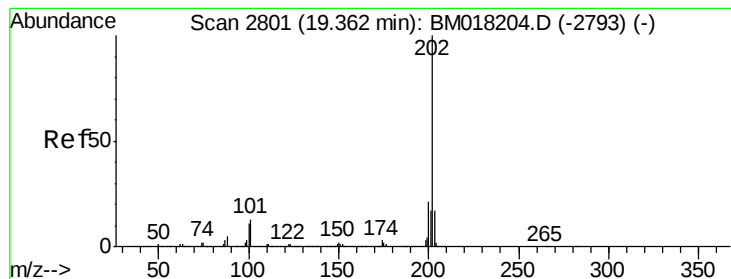


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 70.726 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

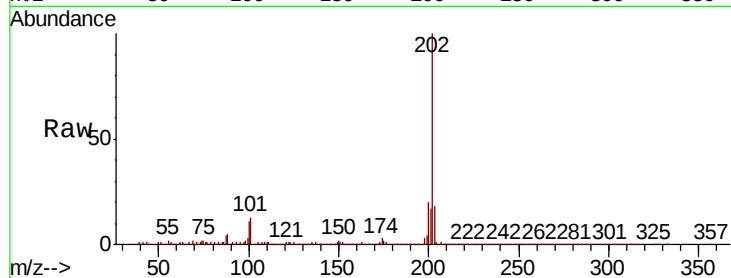
BNA_M

ClientSampleId :

P001-SS008-1218-01MS

Tgt Ion:202 Resp: 2348117

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	18.0	14.0	21.0

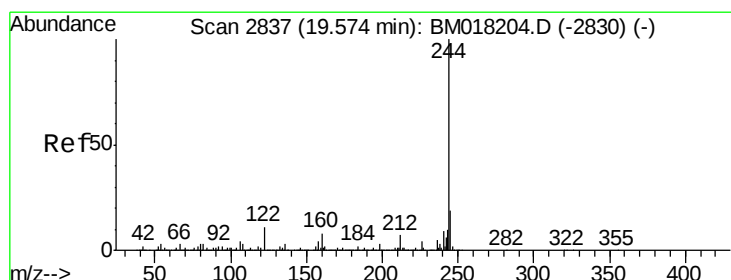
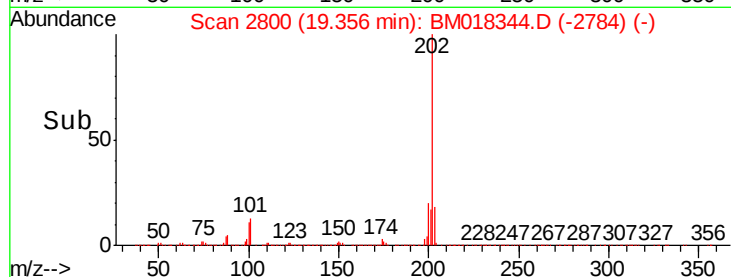
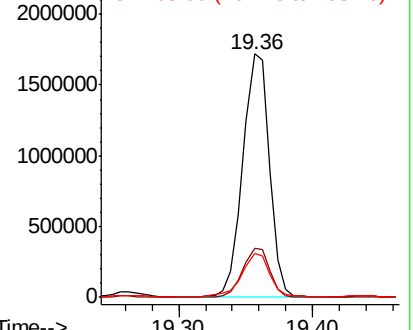


Abundance

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: 91.503 ng

RT: 19.57 min Scan# 2836

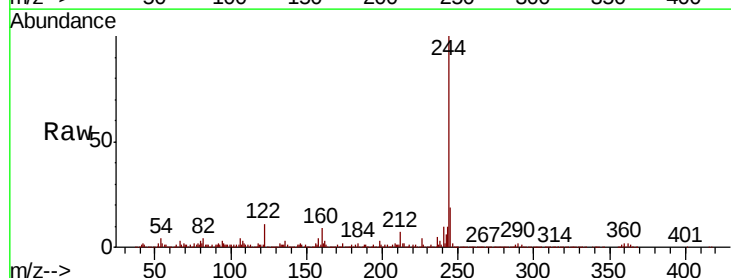
Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:244 Resp: 2254317

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.0	9.0	13.6

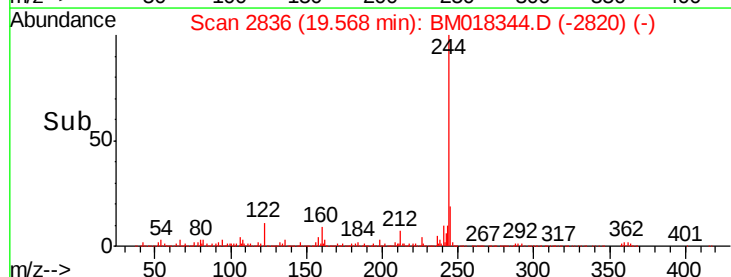
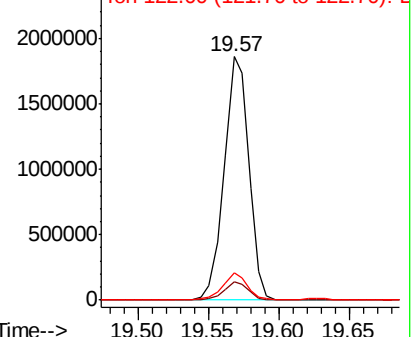


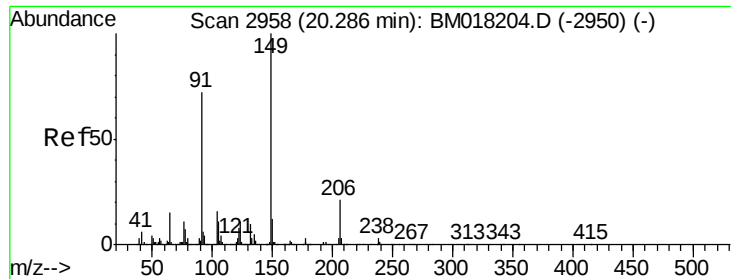
Abundance

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

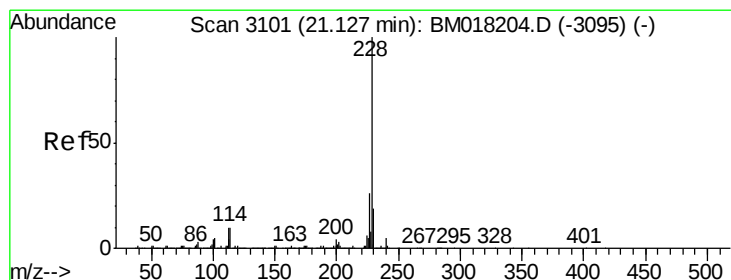
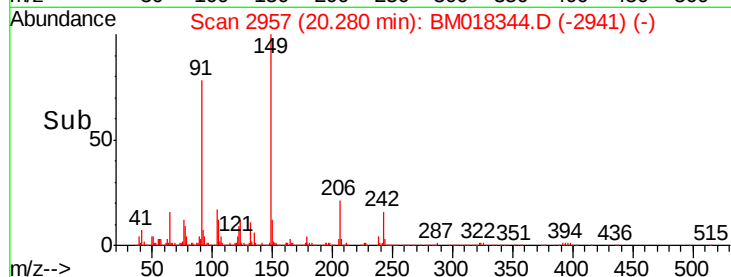
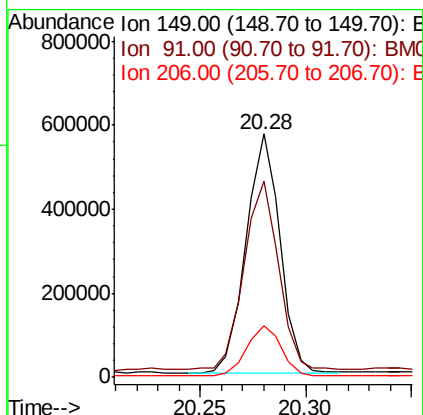
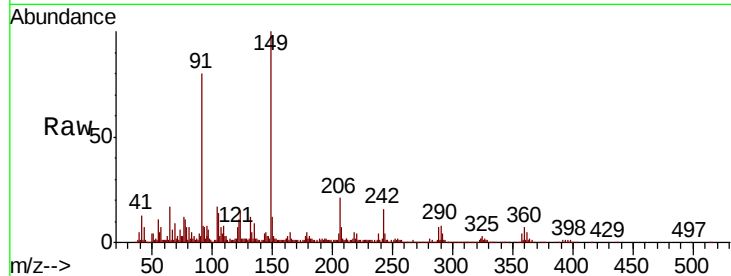




#80
Butylbenzylphthalate
Concen: 40.126 ng
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

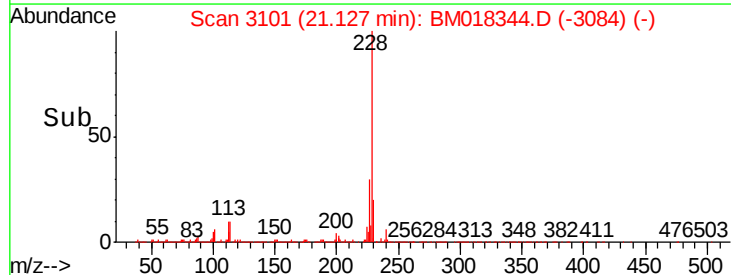
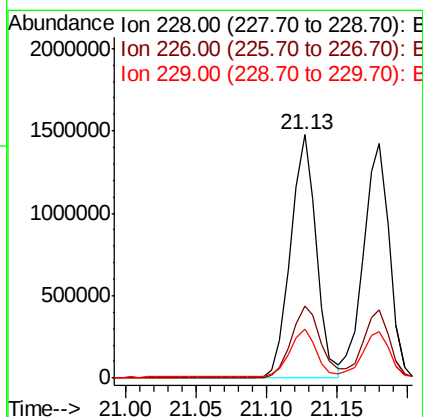
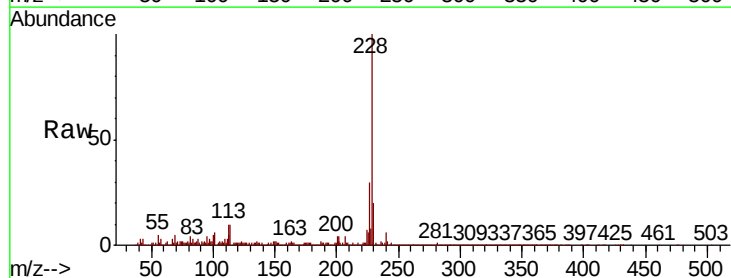
Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

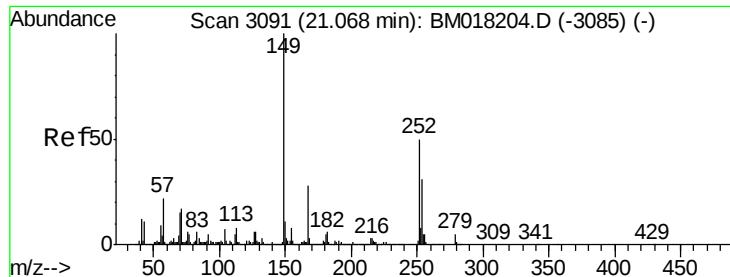
Tgt Ion:149 Resp: 633777
Ion Ratio Lower Upper
149 100
91 80.5 57.4 86.2
206 21.2 17.0 25.4



#81
Benzo(a)anthracene
Concen: 57.104 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:228 Resp: 1858644
Ion Ratio Lower Upper
228 100
226 29.8 21.0 31.4
229 20.1 15.5 23.3

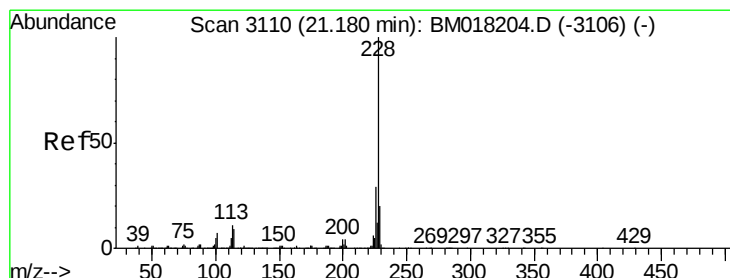
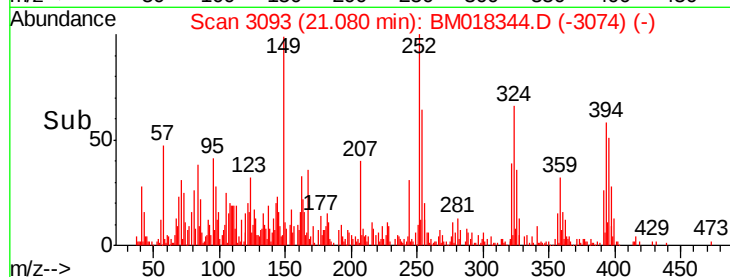
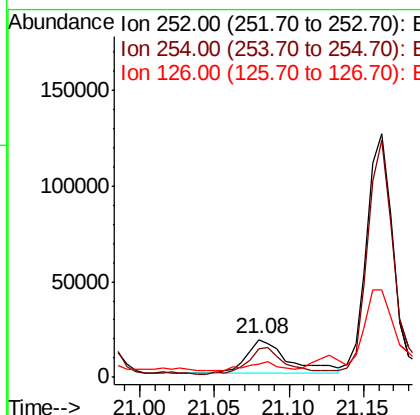
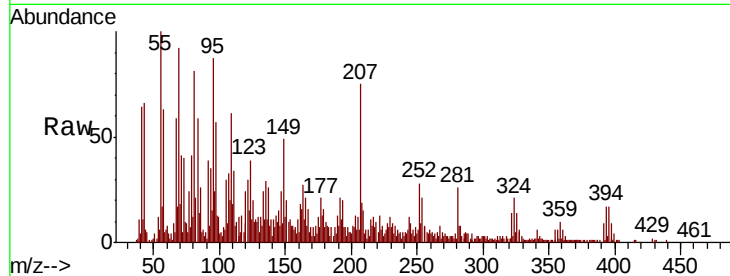




#82
 3,3'-Dichlorobenzidine
 Concen: 2.701 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

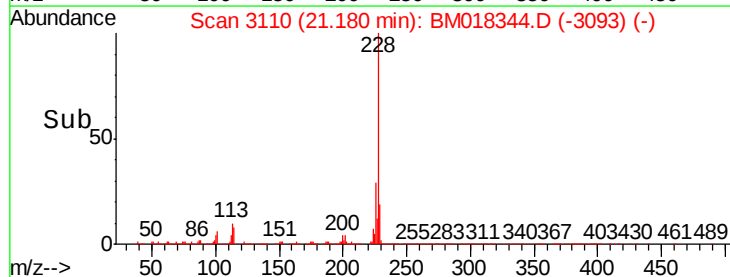
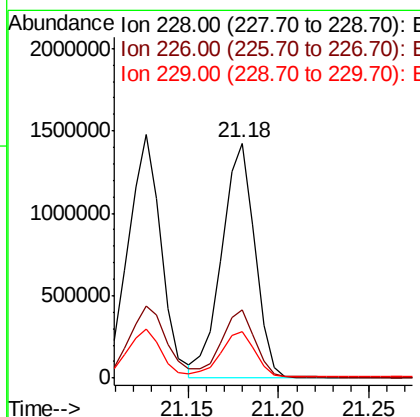
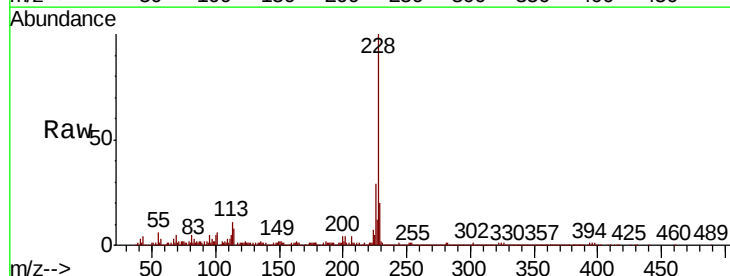
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

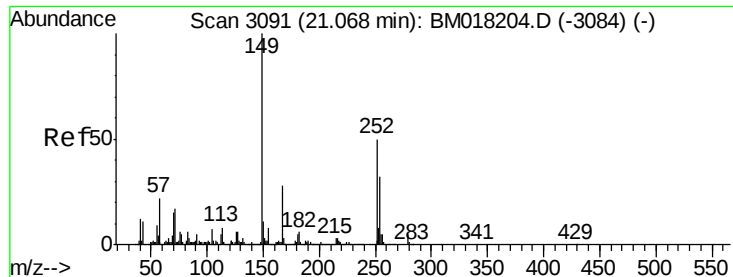
Tgt Ion:252 Resp: 35127
 Ion Ratio Lower Upper
 252 100
 254 75.1 50.4 75.6
 126 36.1 9.4 14.0#



#83
 Chrysene
 Concen: 57.392 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion:228 Resp: 1796754
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.1 34.7
 229 20.0 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.107 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

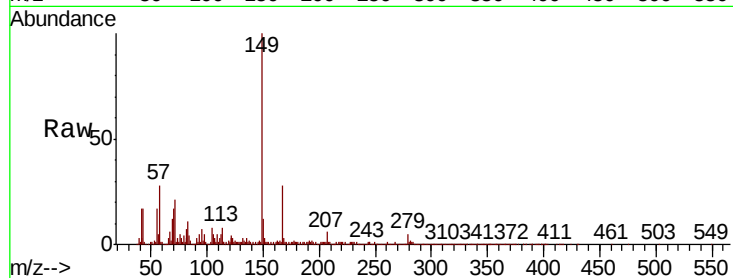
Tgt Ion:149 Resp: 944108

Ion Ratio Lower Upper

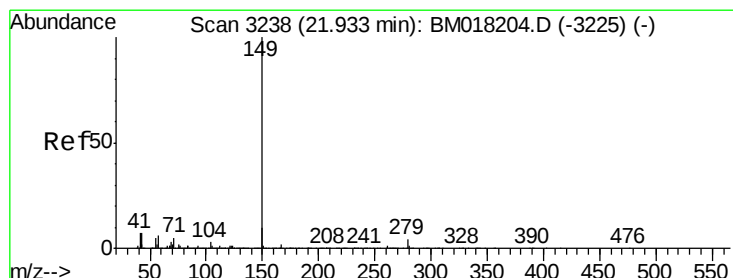
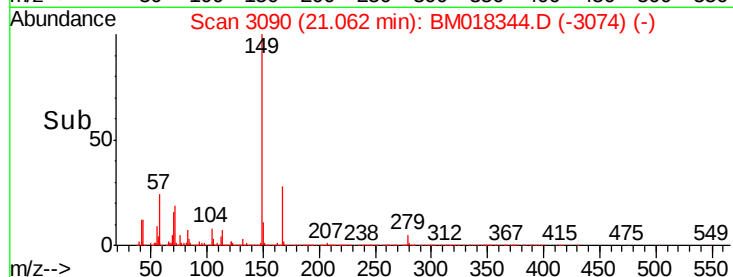
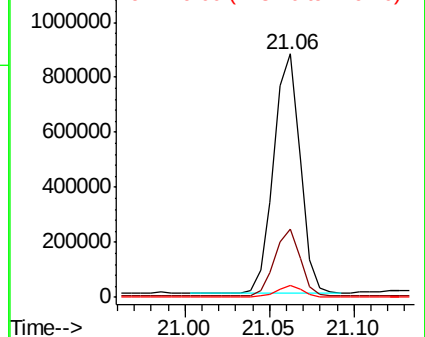
149 100

167 28.0 22.7 34.1

279 5.1 3.9 5.9



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: 44.367 ng

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

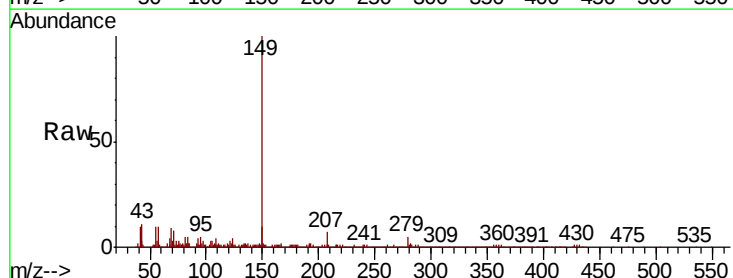
Tgt Ion:149 Resp: 1710402

Ion Ratio Lower Upper

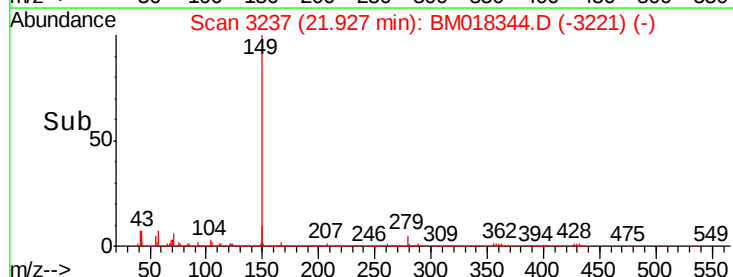
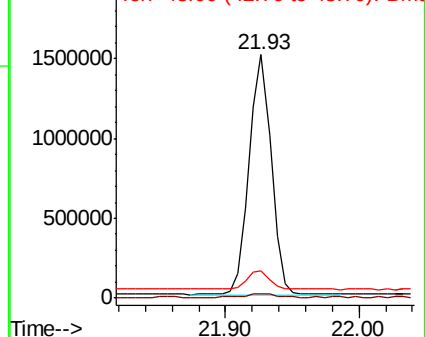
149 100

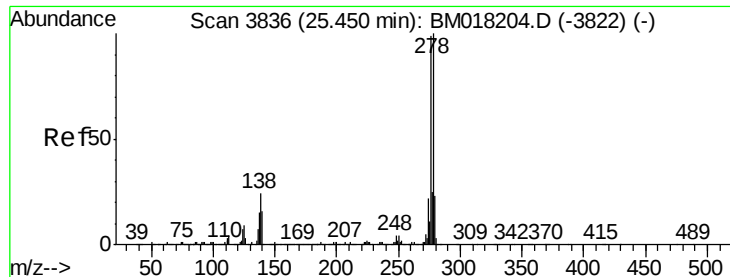
167 1.7 1.4 2.0

43 7.6 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BMO





#86

Indeno(1,2,3-cd)pyrene

Concen: 61.437 ng

RT: 25.46 min Scan# 3838

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

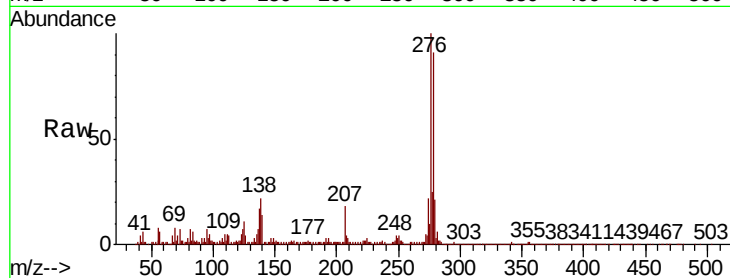
Tgt Ion:276 Resp: 1915941

Ion Ratio Lower Upper

276 100

138 21.5 18.6 28.0

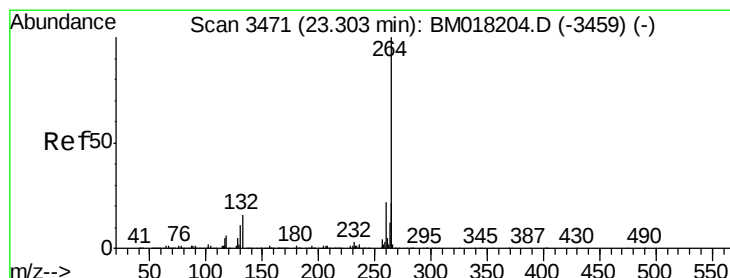
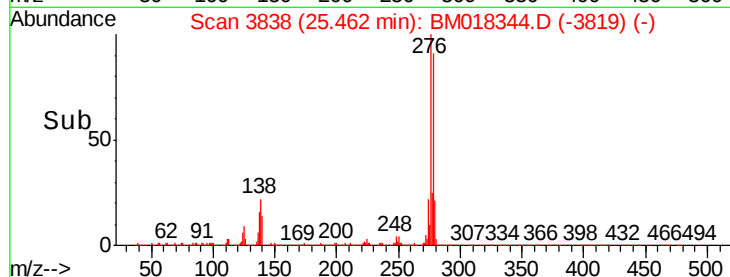
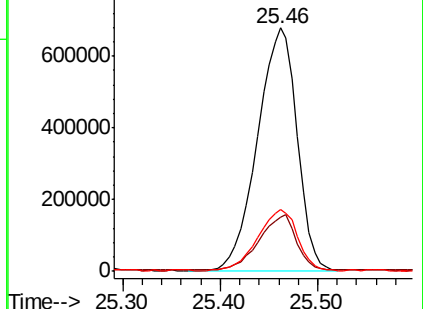
277 25.1 20.3 30.5



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: 23.31 min Scan# 3472

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

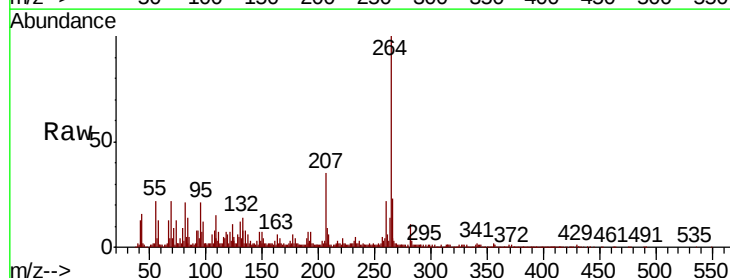
Tgt Ion:264 Resp: 601804

Ion Ratio Lower Upper

264 100

260 22.5 17.5 26.3

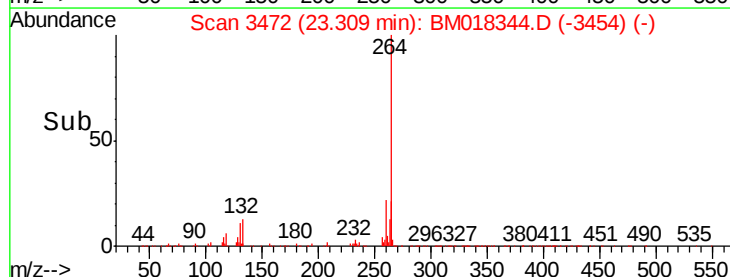
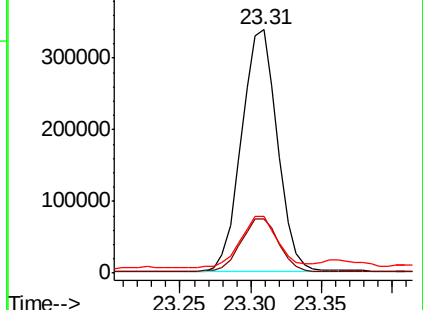
265 23.2 17.3 25.9

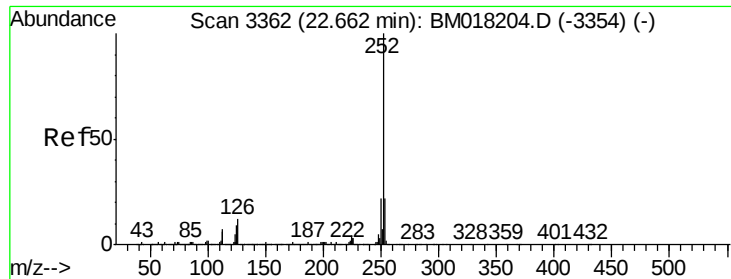


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

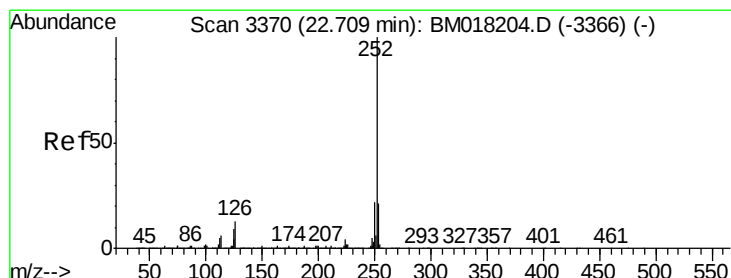
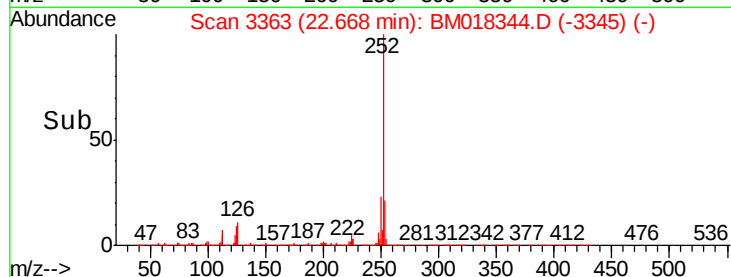
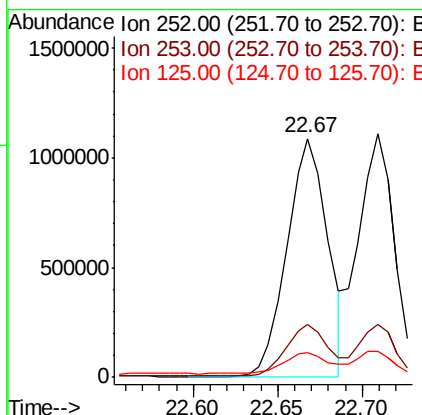
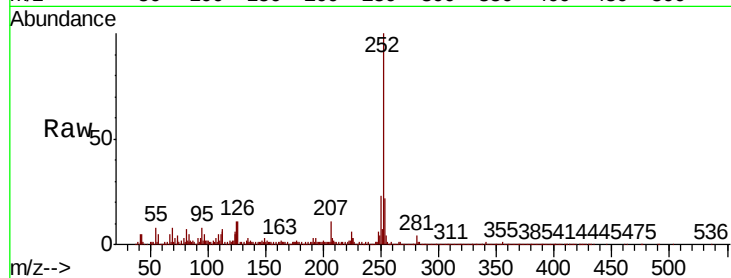




#88
Benzo(b)fluoranthene
Concen: 53.400 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

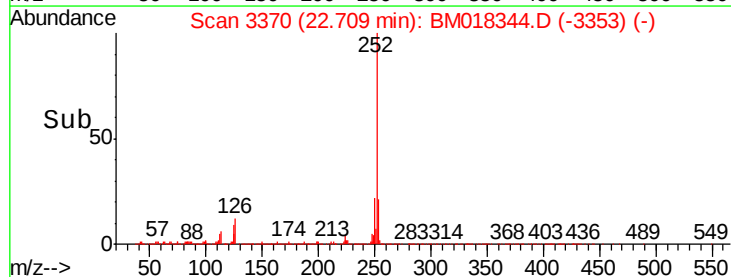
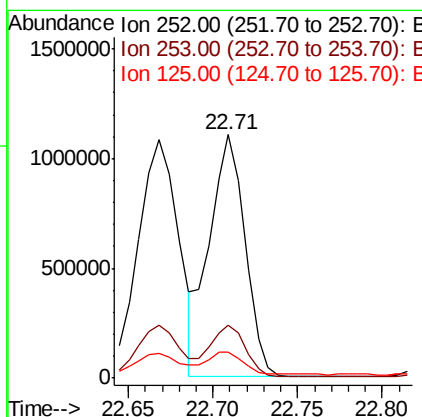
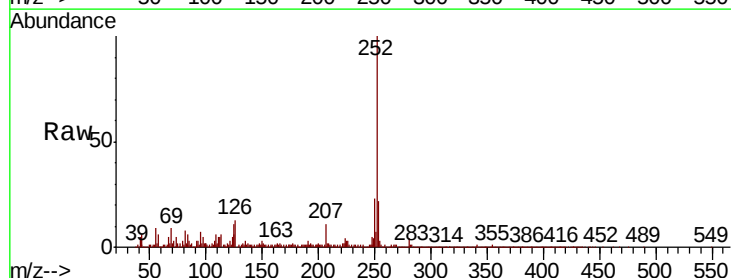
Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

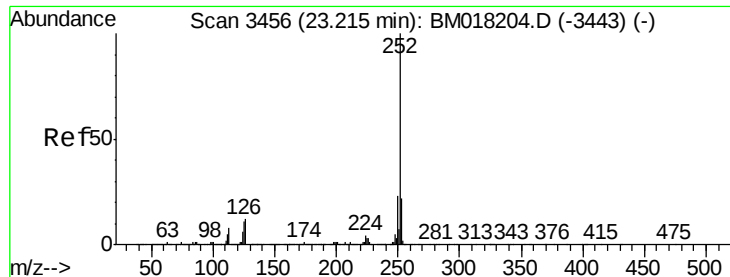
Tgt Ion:252 Resp: 1805188
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.5 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 48.413 ng
RT: 22.71 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:252 Resp: 1629870
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 10.6 7.5 11.3





#90

Benzo(a)pyrene

Concen: 58.648 ng

RT: 23.22 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

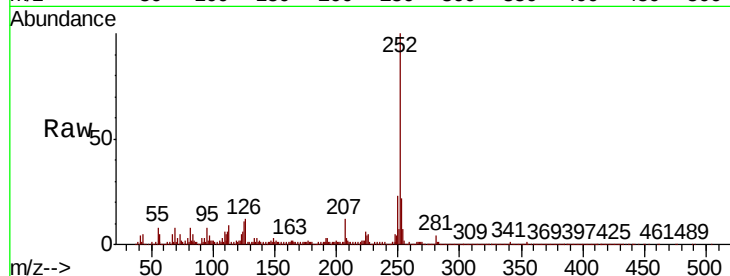
Tgt Ion:252 Resp: 1885610

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

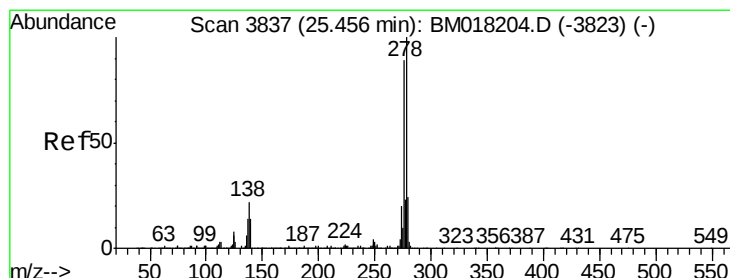
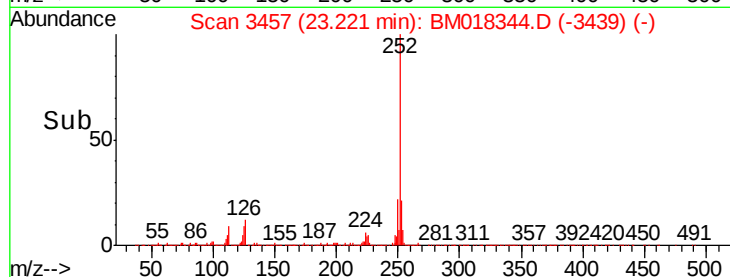
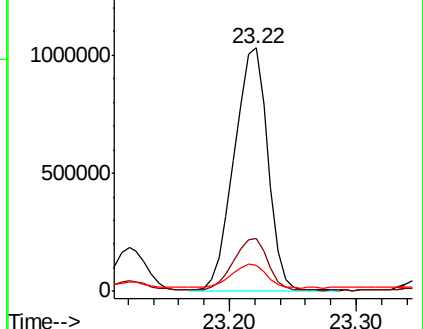
125 10.7 8.6 12.8



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: 49.932 ng

RT: 25.47 min Scan# 3839

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

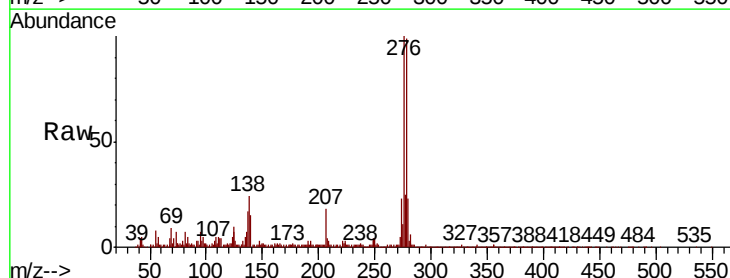
Tgt Ion:278 Resp: 1487124

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

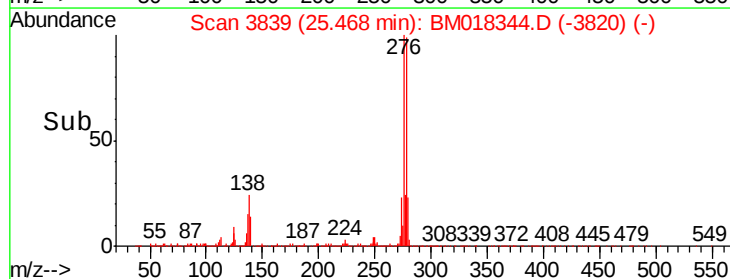
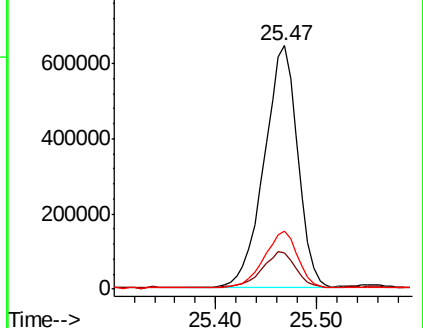
279 23.6 19.2 28.8

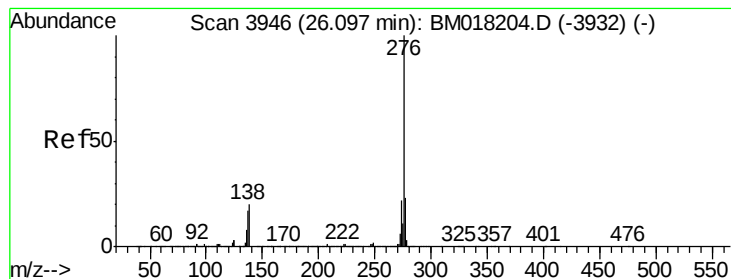


Abundance Ion 278.00 (277.70 to 278.70): E

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: 59.849 ng

RT: 26.11 min Scan# 3949

Delta R.T. 0.02 min

Lab File: BM018344.D

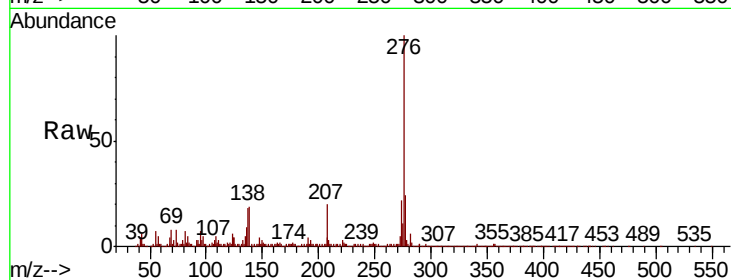
Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS



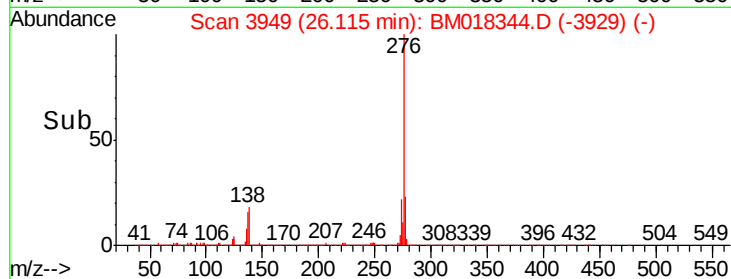
Tgt Ion: 276 Resp: 1684917

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.9	15.8	23.8

276 100

277 23.6 18.7 28.1

138 18.9 15.8 23.8



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

