

Data File : BM018522.D
Acq On : 10 Jan 2019 23:17
Operator : JU/SJ
Sample : K1099-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Quant Time: Jan 11 03:28:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	547622	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2326802	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1350323	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2975741	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2854501	20.00	ng	0.00
87) Perylene-d12	23.64	264	2461409	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	4397628	148.28	ng	0.00
7) Phenol-d6	6.94	99	5934412	157.54	ng	0.00
23) Nitrobenzene-d5	8.93	82	3588992	89.42	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	2636654	153.35	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	9167673	88.59	ng	0.00
79) Terphenyl-d14	19.79	244	12241098	90.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	370882	30.683	ng	98
3) Pyridine	3.68	79	1079966	35.836	ng	97
4) n-Nitrosodimethylamine	3.60	42	606684	48.684	ng	# 95
6) Aniline	7.10	93	1119279	26.638	ng	100
8) 2-Chlorophenol	7.33	128	1713150	49.460	ng	94
9) Benzaldehyde	6.92	77	500164	20.152	ng	96
10) Phenol	6.97	94	2039412	53.280	ng	97
11) bis(2-Chloroethyl)ether	7.20	93	1343157	44.658	ng	96
12) 1,3-Dichlorobenzene	7.65	146	1712261	41.509	ng	100
13) 1,4-Dichlorobenzene	7.80	146	1748629	41.824	ng	100
14) 1,2-Dichlorobenzene	8.11	146	1692832	42.701	ng	99
15) Benzyl Alcohol	8.01	79	1417613	52.106	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1707089	44.414	ng	95
17) 2-Methylphenol	8.20	107	1386524	53.364	ng	99
18) Hexachloroethane	8.83	117	638043	42.801	ng	93
19) n-Nitroso-di-n-propylamine	8.57	70	1157532	47.220	ng	94
20) 3+4-Methylphenols	8.54	107	1900541	52.987	ng	95
22) Acetophenone	8.59	105	2378531	41.323	ng	# 98
24) Nitrobenzene	8.97	77	1711241	43.331	ng	96
25) Isophorone	9.49	82	3218068	52.947	ng	97
26) 2-Nitrophenol	9.67	139	952050	49.856	ng	95
27) 2,4-Dimethylphenol	9.73	122	1587694	55.470	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	1979709	47.150	ng	99
29) 2,4-Dichlorophenol	10.21	162	1760072	51.641	ng	98
30) 1,2,4-Trichlorobenzene	10.42	180	1778600	42.043	ng	100
31) Naphthalene	10.60	128	5213563	46.525	ng	100
32) Benzoic acid	9.86	122	415686	25.150	ng	99
33) 4-Chloroaniline	10.73	127	433202	9.816	ng	98
34) Hexachlorobutadiene	10.87	225	1081547	40.468	ng	99
35) Caprolactam	11.53	113	247740	21.379	ng	# 83
36) 4-Chloro-3-methylphenol	11.85	107	1830446	51.191	ng	99
37) 2-Methylnaphthalene	12.22	142	3926553	49.594	ng	99
38) 1-Methylnaphthalene	12.44	142	3742301	48.851	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	2037589	43.151	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	2343288	90.419	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	1447873	50.493	ng	100
44) 2,4,5-Trichlorophenol	12.91	196	1548307	51.340	ng	98
46) 1,1'-Biphenyl	13.24	154	5039647	42.744	ng	99
47) 2-Chloronaphthalene	13.28	162	3922577	42.903	ng	100
48) 2-Nitroaniline	13.50	65	1087283	48.337	ng	92
49) Acenaphthylene	14.13	152	6399235	48.027	ng	99
50) Dimethylphthalate	13.87	163	6683739	60.269	ng	99
51) 2,6-Dinitrotoluene	14.00	165	1130474	48.124	ng	95
52) Acenaphthene	14.47	154	3659864	44.892	ng	97
53) 3-Nitroaniline	14.33	138	480369	20.284	ng	96
54) 2,4-Dinitrophenol	14.54	184	853901	68.305	ng	89
55) Dibenzofuran	14.81	168	5874311	43.610	ng	98
56) 4-Nitrophenol	14.65	139	1972773	96.424	ng	95
57) 2,4-Dinitrotoluene	14.79	165	1567308	47.156	ng	98
58) Fluorene	15.46	166	4781603	47.652	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1397953	52.297	ng	97
60) Diethylphthalate	15.24	149	5160660	46.096	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	2486141	42.988	ng	98
62) 4-Nitroaniline	15.50	138	1054676	40.829	ng	98
63) Azobenzene	15.75	77	4085204	44.756	ng	96
65) 4,6-Dinitro-2-methylphenol	15.55	198	739706	40.011	ng	90
66) n-Nitrosodiphenylamine	15.67	169	4256549	46.113	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	1501955	45.103	ng	98
68) Hexachlorobenzene	16.46	284	1641880	44.043	ng	97
69) Atrazine	16.63	200	1564132	46.872	ng	99
70) Pentachlorophenol	16.81	266	2086223	85.449	ng	97
71) Phenanthrene	17.20	178	7481258	47.266	ng	100
72) Anthracene	17.29	178	7624990	50.098	ng	99
73) Carbazole	17.57	167	6951689	44.456	ng	100
74) Di-n-butylphthalate	18.12	149	8542173	49.871	ng	99
75) Fluoranthene	19.22	202	8602103	47.139	ng	98
77) Benzidine	19.42	184	3573526	50.701	ng	100
78) Pyrene	19.59	202	8755238	51.745	ng	98
80) Butylbenzylphthalate	20.49	149	3949522	54.703	ng	98
81) Benzo(a)anthracene	21.34	228	8176147	48.620	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1148769	18.065	ng	99
83) Chrysene	21.39	228	7636833	47.029	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	5620555	53.911	ng	98
85) Di-n-octyl phthalate	22.15	149	9186321	52.388	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.97	276	6987044	37.314	ng	97
88) Benzo(b)fluoranthene	22.95	252	7004837	50.128	ng	98
89) Benzo(k)fluoranthene	23.00	252	7100250	50.418	ng	98
90) Benzo(a)pyrene	23.54	252	6656957	49.760	ng	98
91) Dibenzo(a,h)anthracene	25.98	278	5902955	43.547	ng	97
92) Benzo(g,h,i)perylene	26.68	276	5674927	43.021	ng	98

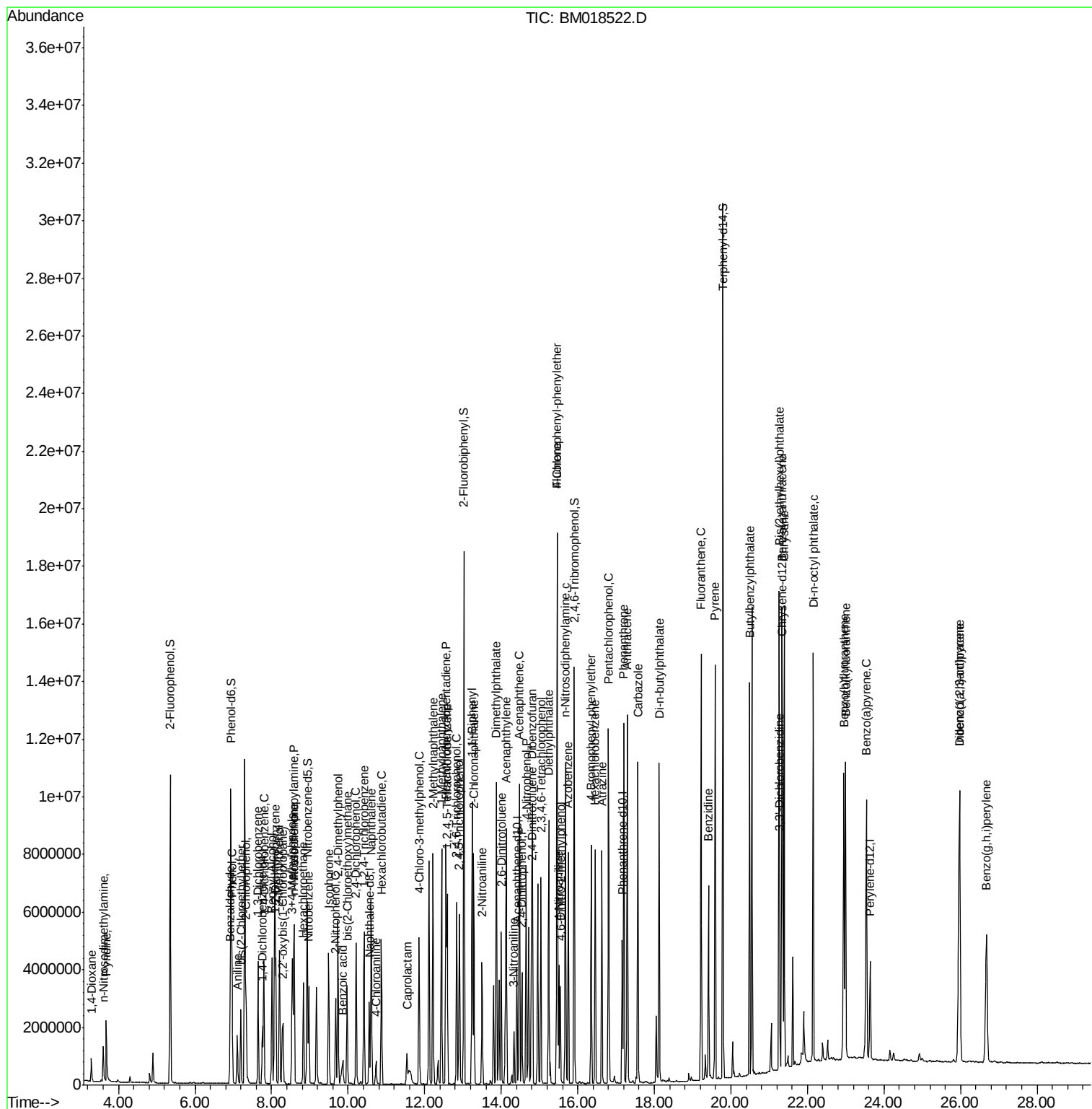
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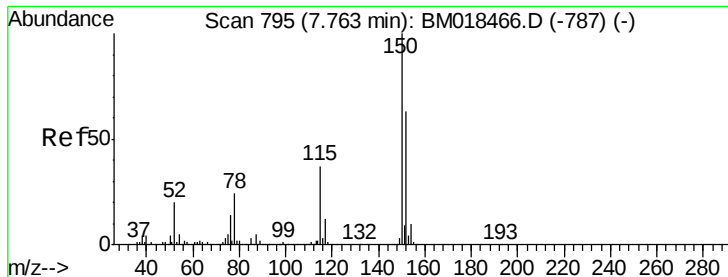
Data File : BM018522.D

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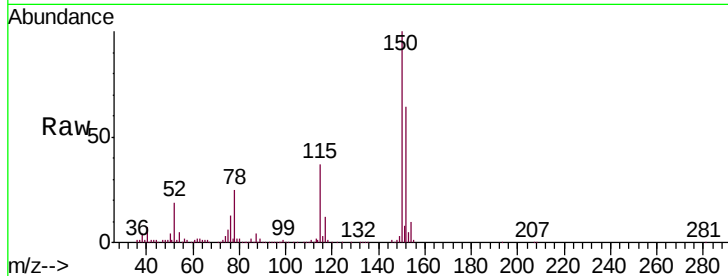


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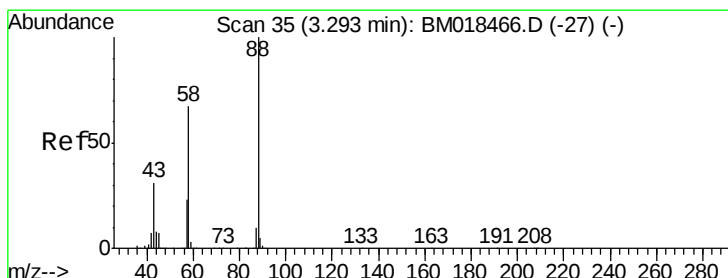
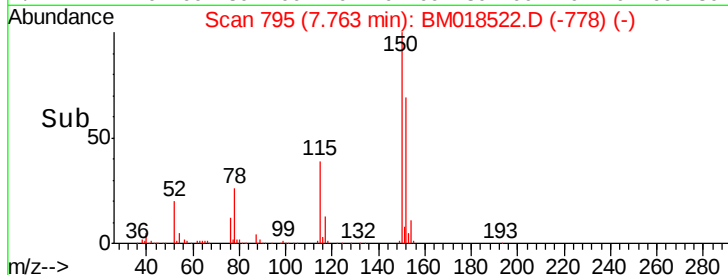
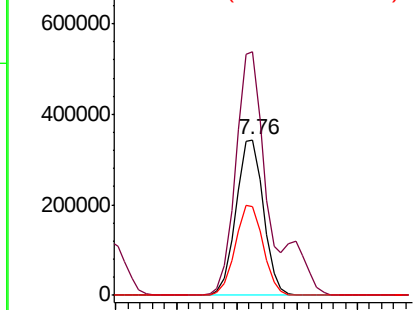
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.9	190.3
115	57.2	45.5	68.3



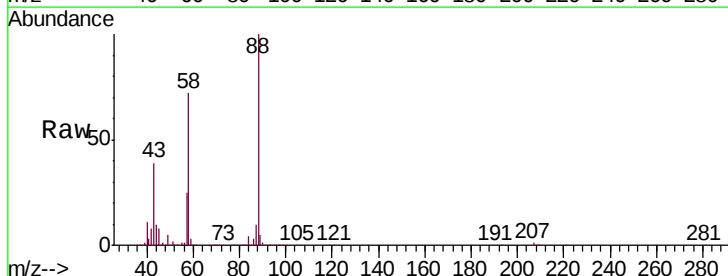
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



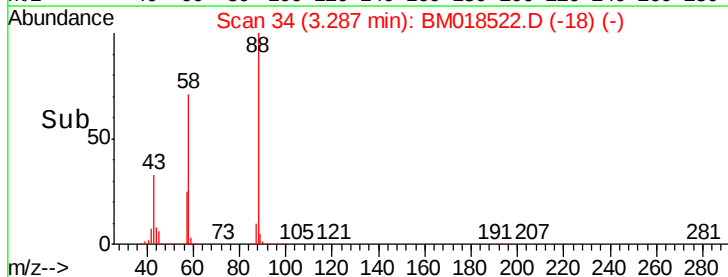
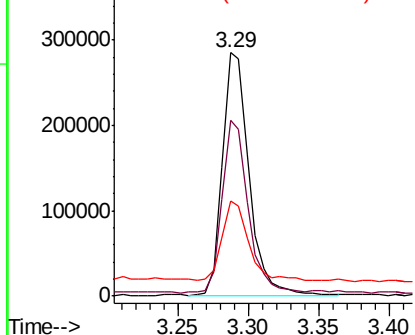
#2

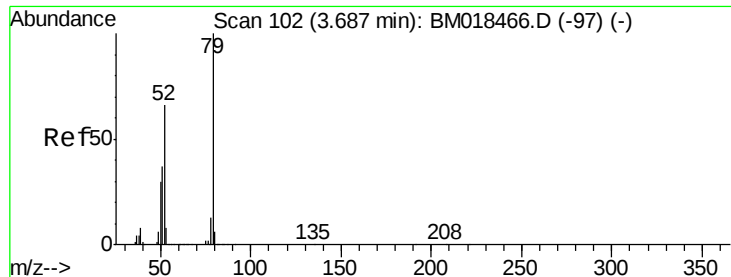
1,4-Dioxane
Concen: 30.683 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	58.4	87.6
43	32.2	26.2	39.4



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: 35.836 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

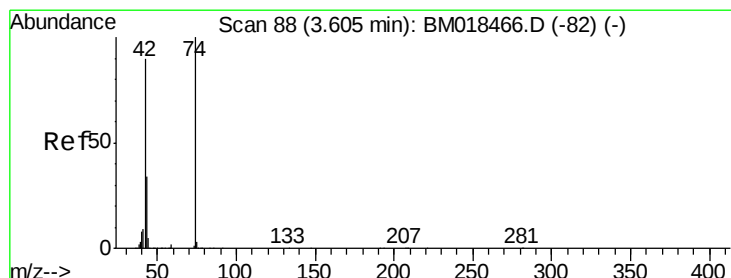
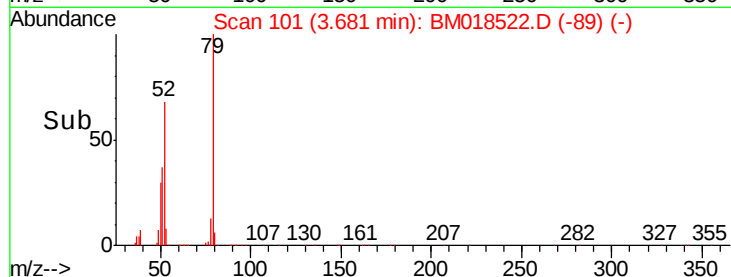
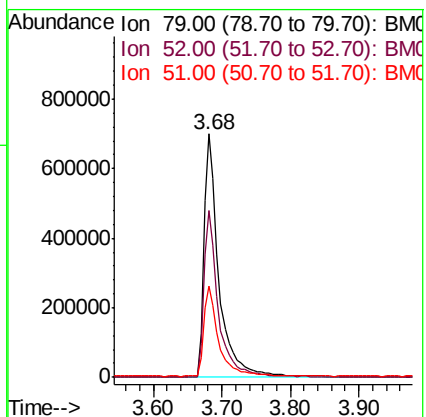
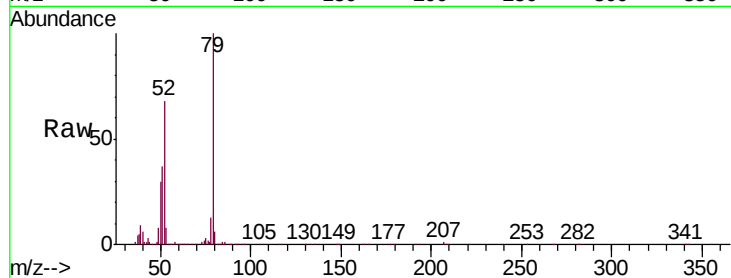
Tgt Ion: 79 Resp: 1079966

Ion Ratio Lower Upper

79 100

52 68.3 56.4 84.6

51 37.3 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 48.684 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

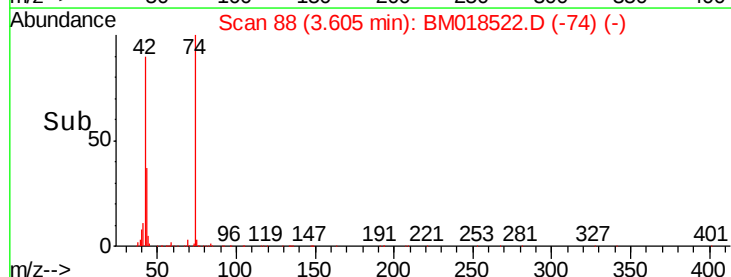
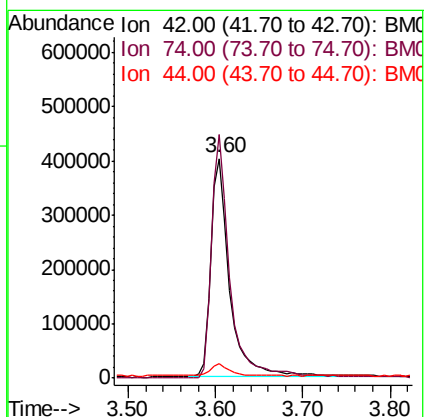
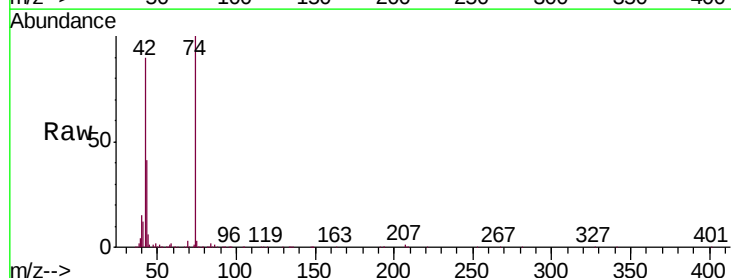
Tgt Ion: 42 Resp: 606684

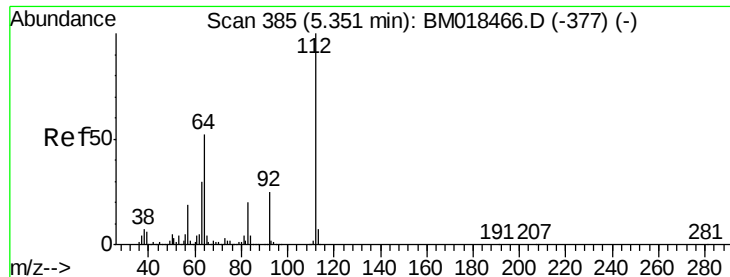
Ion Ratio Lower Upper

42 100

74 110.9 88.6 132.8

44 6.4 16.9 25.3#





#5

2-Fluorophenol

Concen: 148.281 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

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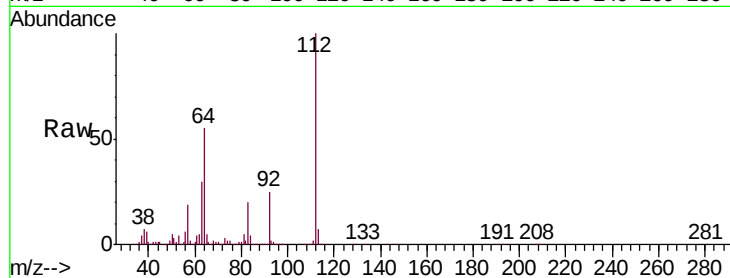
Tgt Ion: 112 Resp: 4397628

Ion Ratio Lower Upper

112 100

64 54.6 46.5 69.7

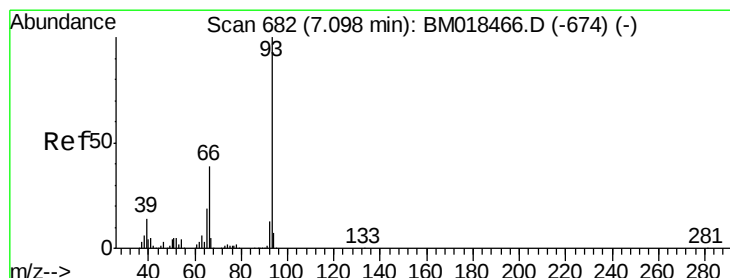
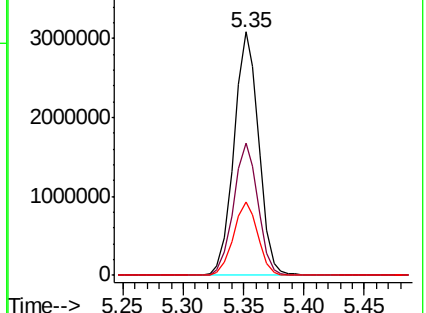
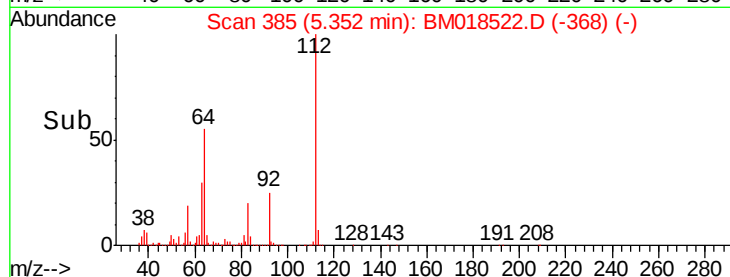
63 30.1 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 26.638 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

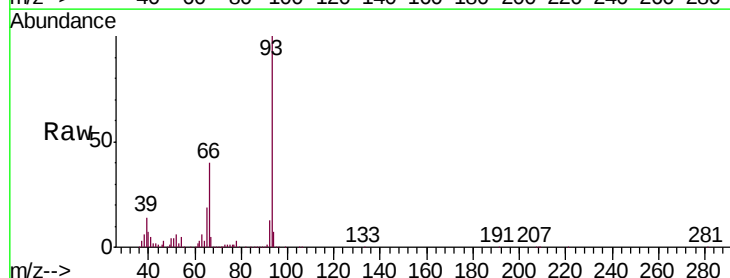
Tgt Ion: 93 Resp: 1119279

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

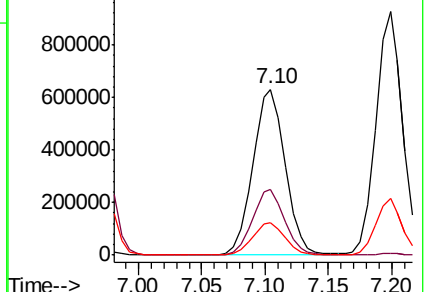
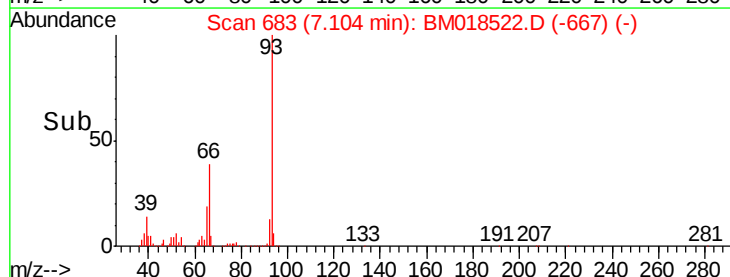
65 19.3 15.9 23.9

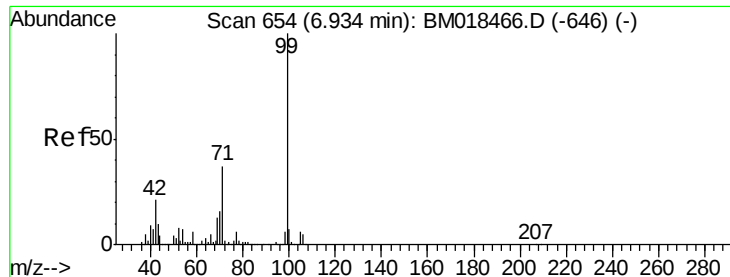


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 157.543 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018522.D

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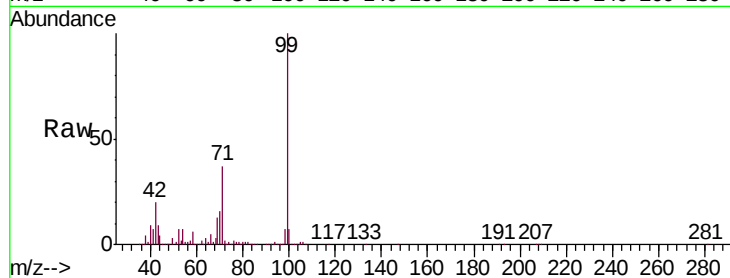
Tgt Ion: 99 Resp: 5934412

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

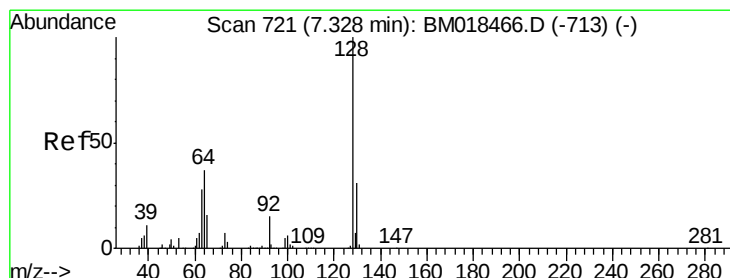
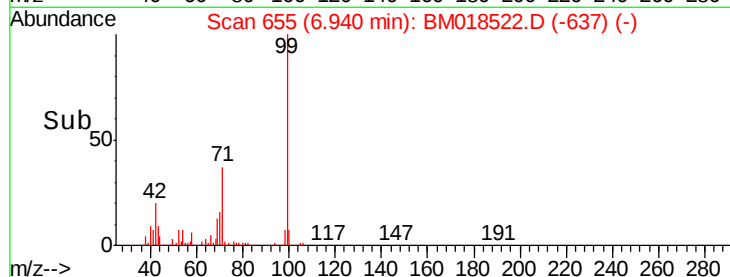
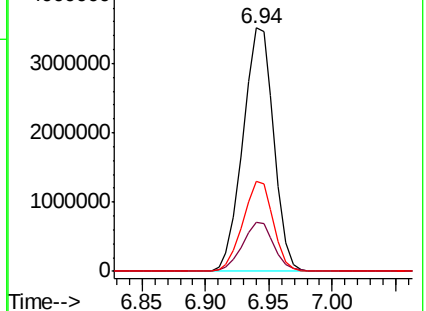
71 37.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 49.460 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

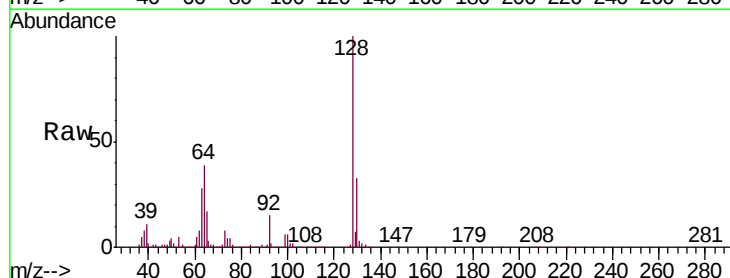
Tgt Ion: 128 Resp: 1713150

Ion Ratio Lower Upper

128 100

130 32.8 13.6 53.6

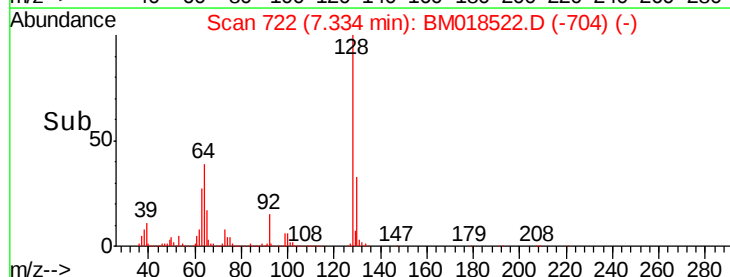
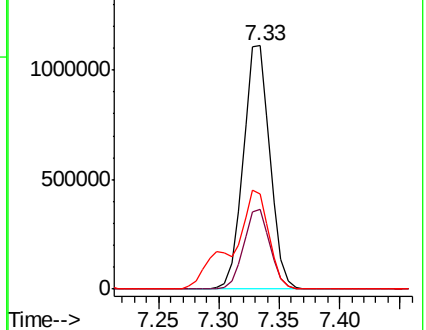
64 39.1 24.8 64.8

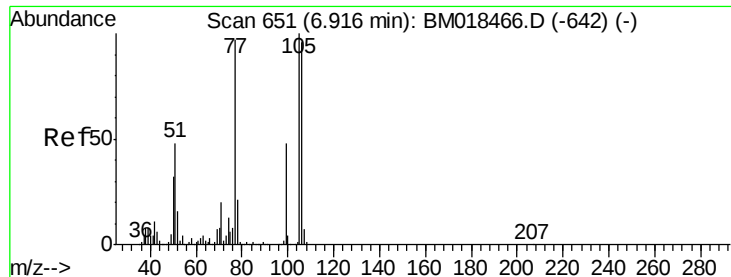


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 20.152 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

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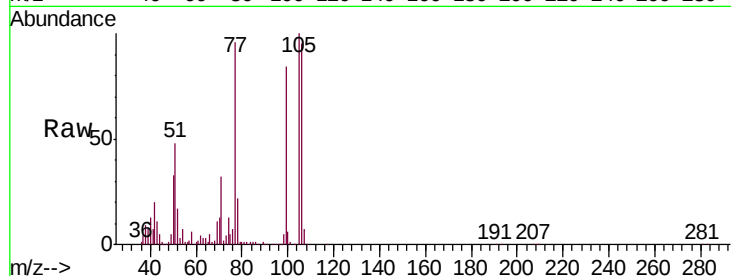
Tgt Ion: 77 Resp: 500164

Ion Ratio Lower Upper

77 100

105 103.6 79.7 119.7

106 98.4 75.2 115.2

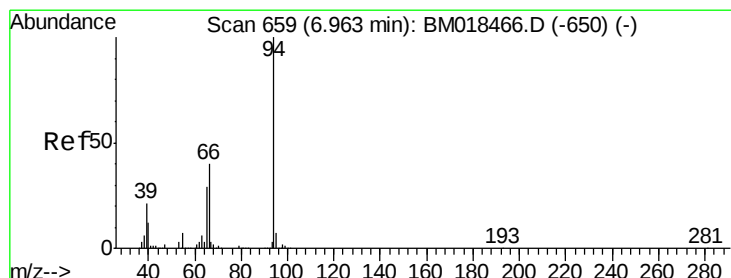
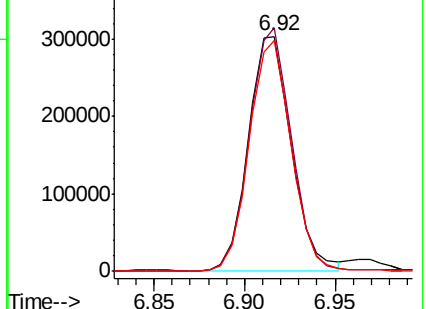
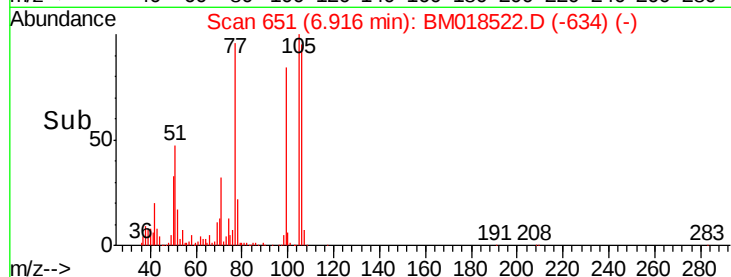


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)

6.92



#10

Phenol

Concen: 53.280 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

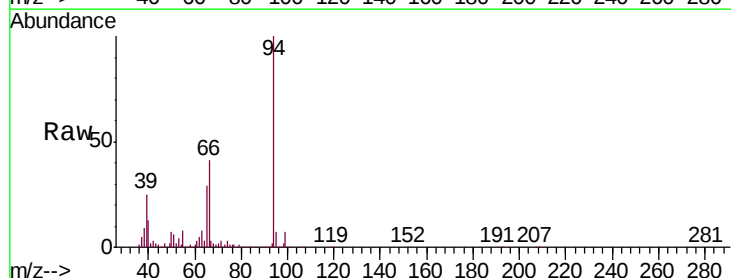
Tgt Ion: 94 Resp: 2039412

Ion Ratio Lower Upper

94 100

65 28.9 9.4 49.4

66 41.5 19.1 59.1

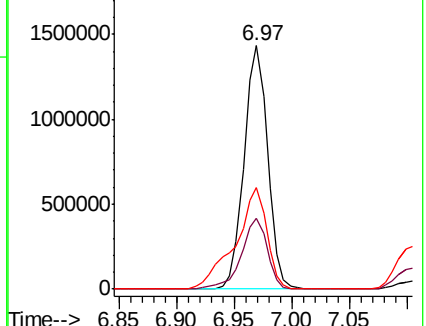
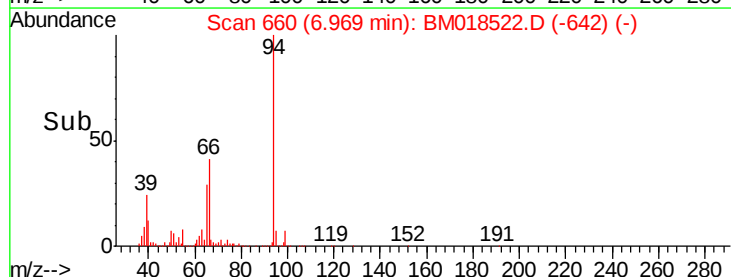


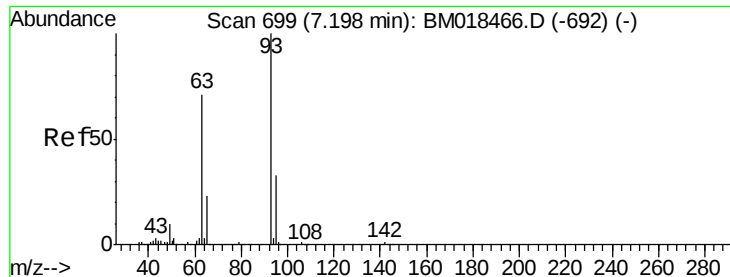
Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

6.97

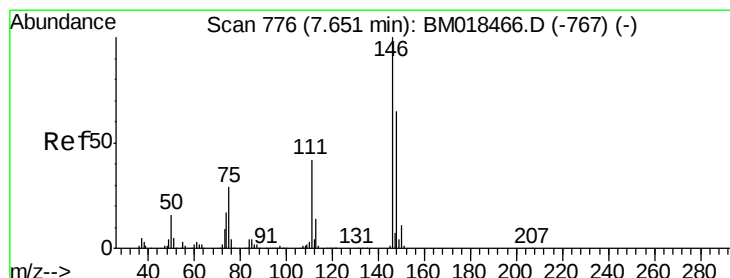
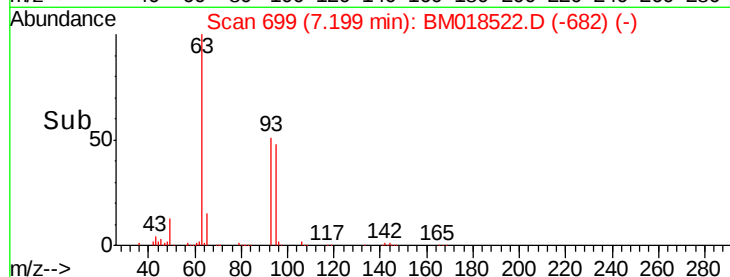
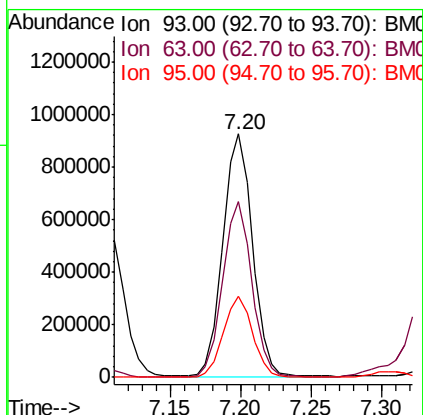
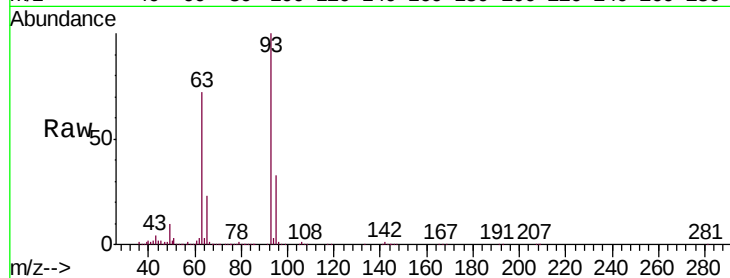




#11
bis(2-Chloroethyl)ether
Concen: 44.658 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

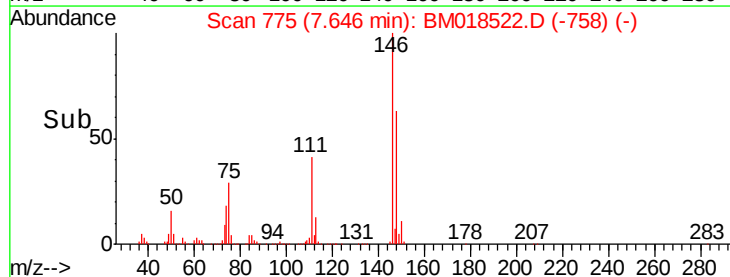
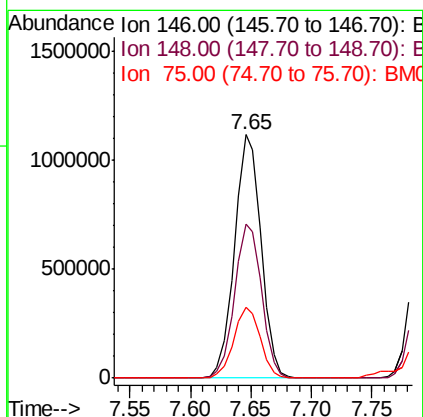
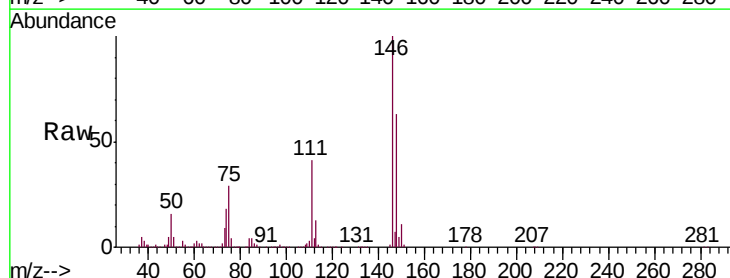
Instrument :
BNA_M
ClientSampleId :
TP-16MS

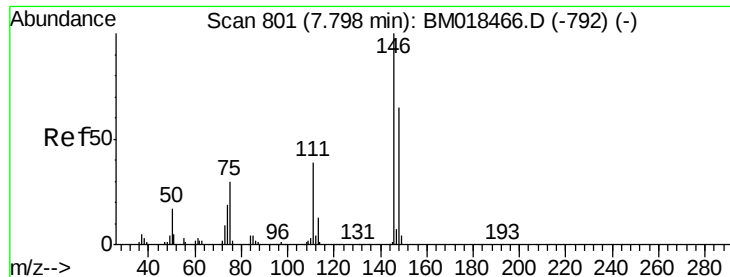
Tgt Ion: 93 Resp: 1343157
Ion Ratio Lower Upper
93 100
63 72.2 56.4 96.4
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.509 ng
RT: 7.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion: 146 Resp: 1712261
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 29.2 23.0 34.6

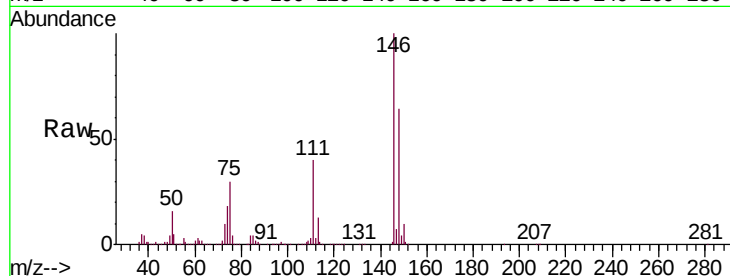




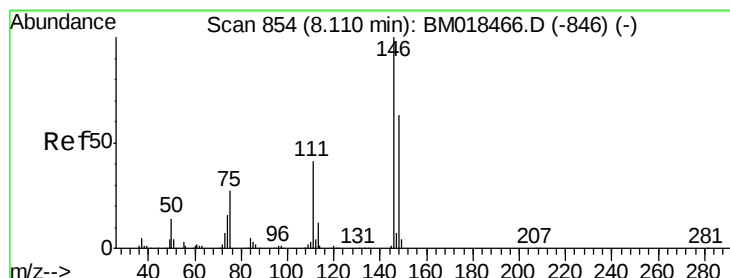
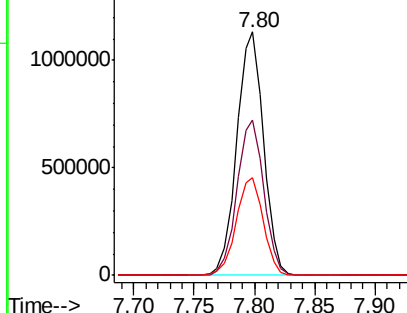
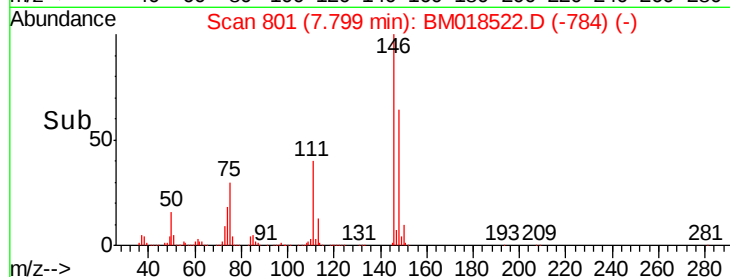
#13
 1,4-Dichlorobenzene
 Concen: 41.824 ng
 RT: 7.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampled :
 TP-16MS

Tgt Ion:146 Resp: 1748629
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 40.3 32.2 48.2

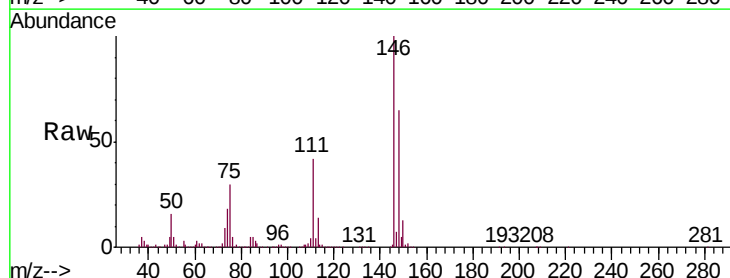


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

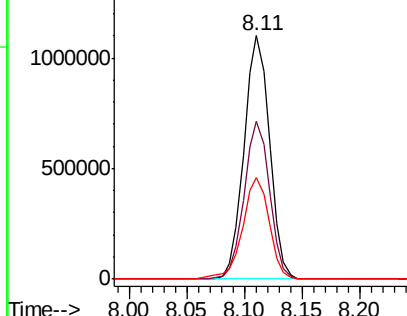
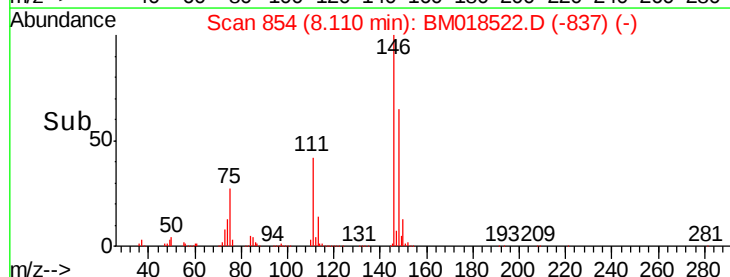


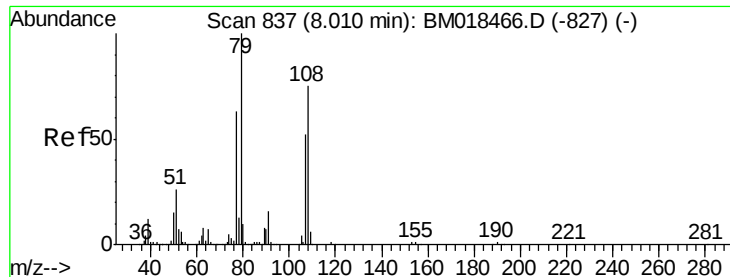
#14
 1,2-Dichlorobenzene
 Concen: 42.701 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:146 Resp: 1692832
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.6
 111 41.8 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 52.106 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

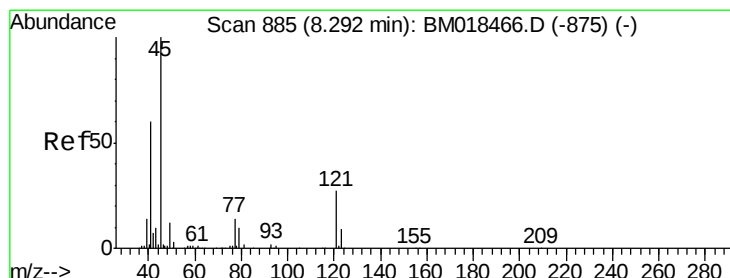
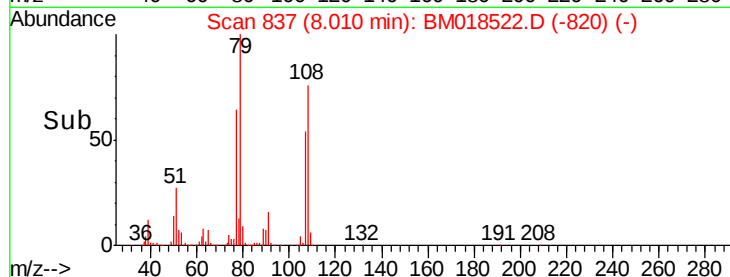
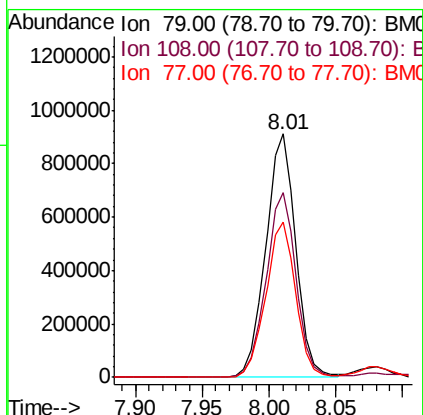
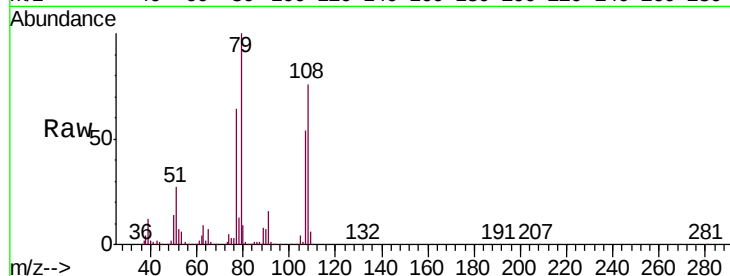
Tgt Ion: 79 Resp: 1417613

Ion Ratio Lower Upper

79 100

108 76.0 60.4 90.6

77 64.0 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.414 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

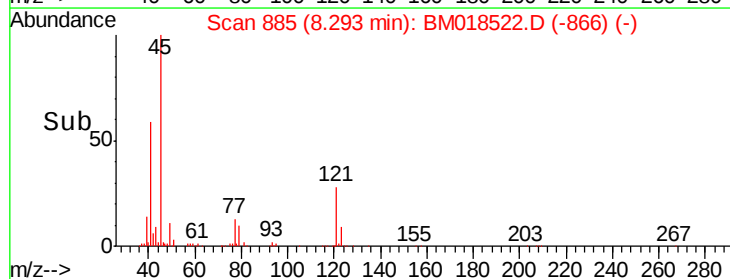
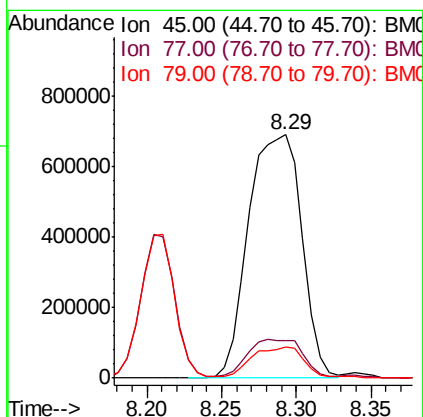
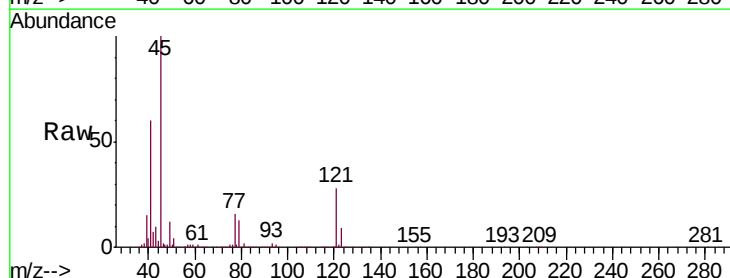
Tgt Ion: 45 Resp: 1707089

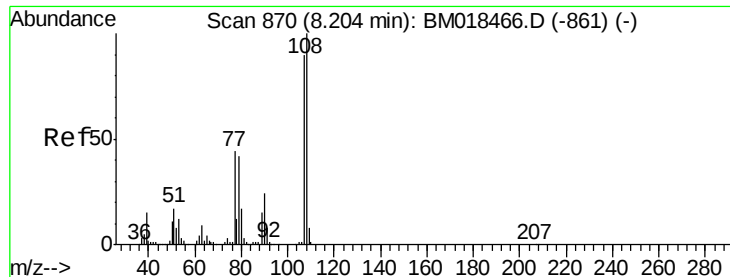
Ion Ratio Lower Upper

45 100

77 15.6 0.0 33.4

79 12.8 0.0 31.1

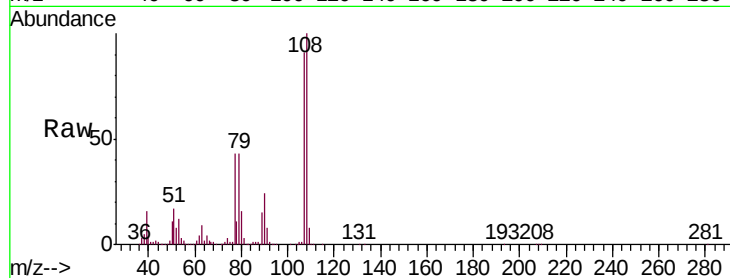




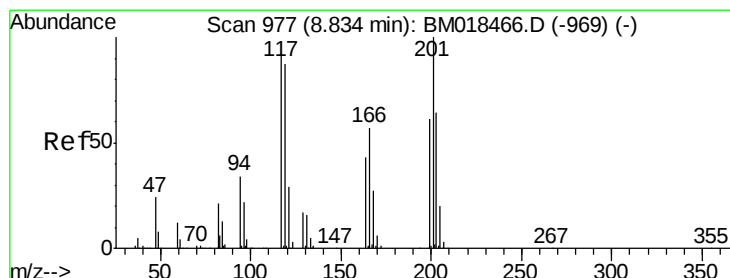
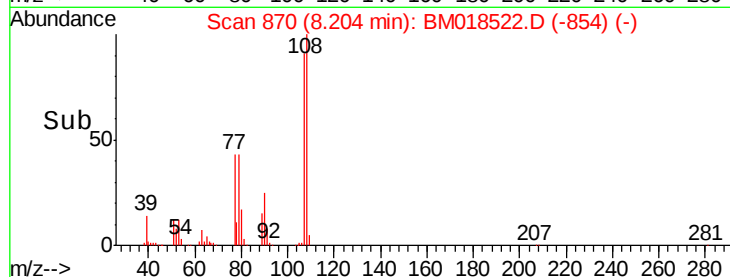
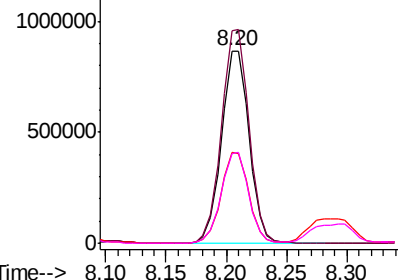
#17
 2-Methylphenol
 Concen: 53.364 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampled :
 TP-16MS

Tgt Ion:	107	Resp:	1386524
Ion	Ratio	Lower	Upper
107	100		
108	110.3	87.5	131.3
77	47.0	37.3	55.9
79	46.9	36.4	54.6

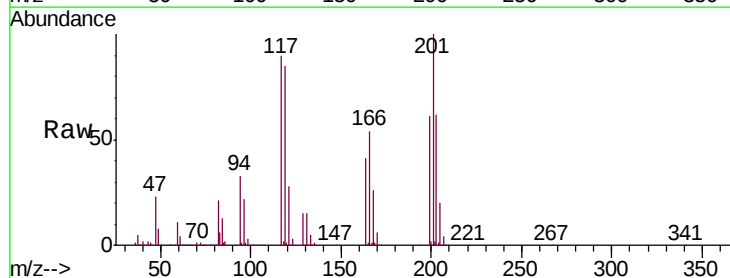


Abundance Ion 107.00 (106.70 to 107.70): E
 1500000 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

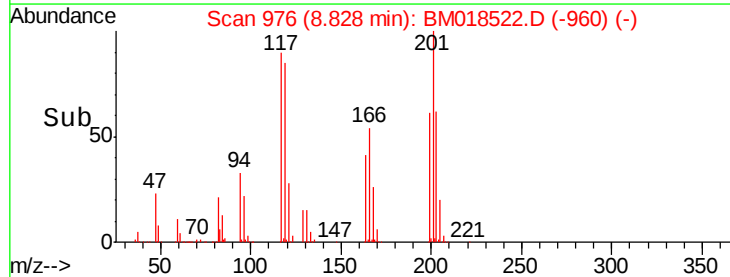
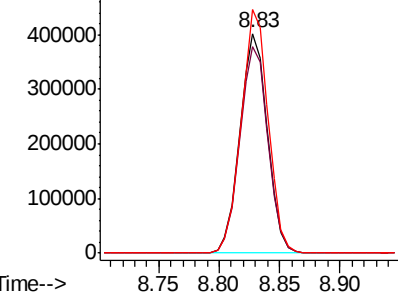


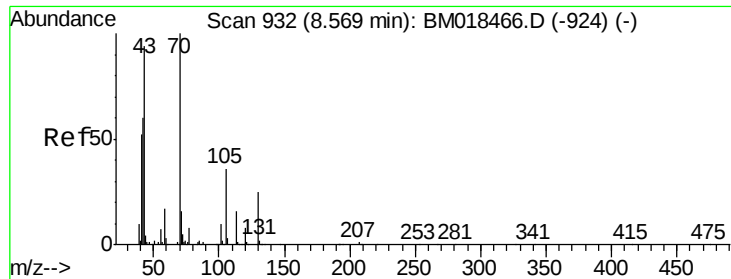
#18
 Hexachloroethane
 Concen: 42.801 ng
 RT: 8.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:	117	Resp:	638043
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.3	117.5
201	110.9	81.4	122.0



Abundance Ion 117.00 (116.70 to 117.70): E
 600000 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

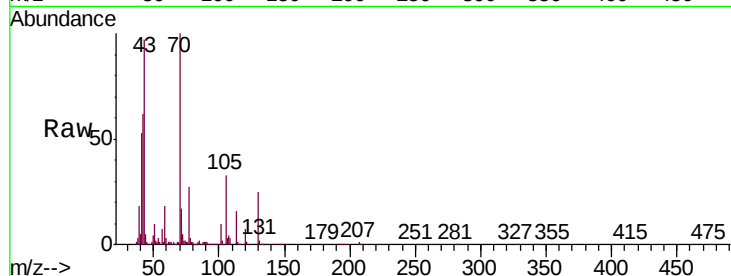




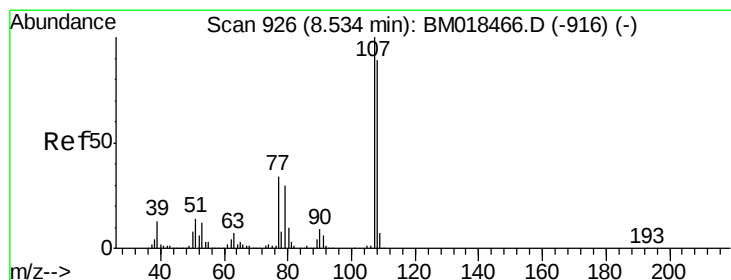
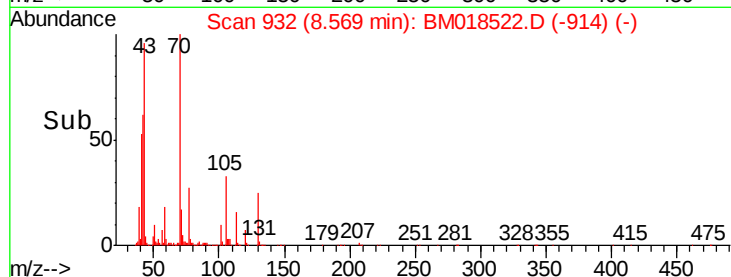
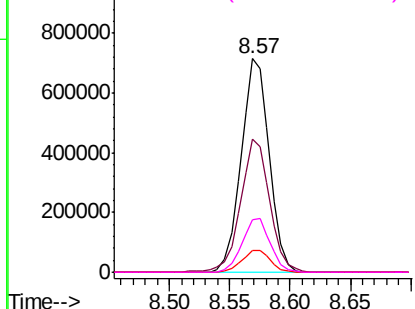
#19
n-Nitroso-di-n-propylamine
Concen: 47.220 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion: 70 Resp: 1157532
Ion Ratio Lower Upper
70 100
42 62.4 54.0 81.0
101 10.3 8.1 12.1
130 24.8 17.8 26.6

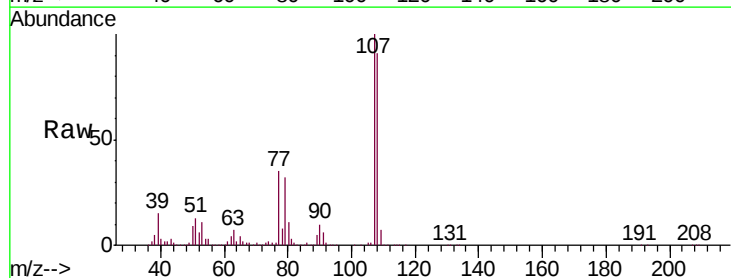


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

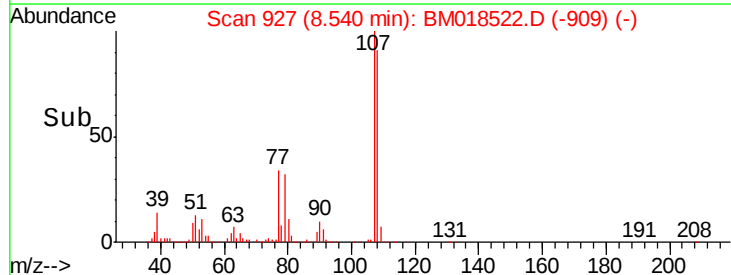
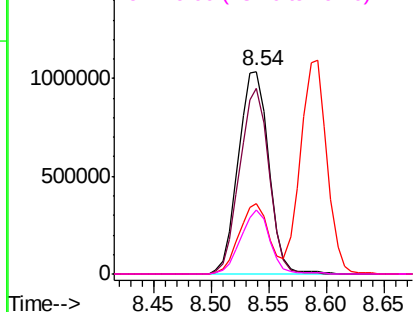


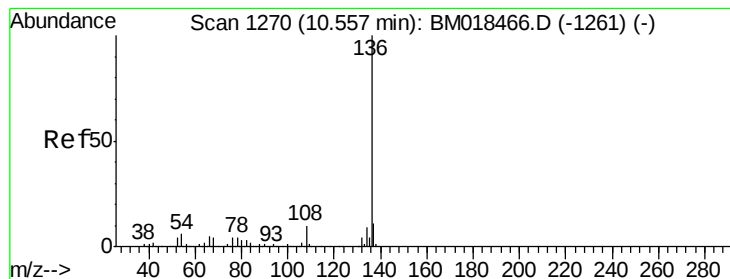
#20
3+4-Methylphenols
Concen: 52.987 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:107 Resp: 1900541
Ion Ratio Lower Upper
107 100
108 91.4 66.8 106.8
77 34.5 13.3 53.3
79 31.9 8.8 48.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tgt Ion:136 Resp: 2326802

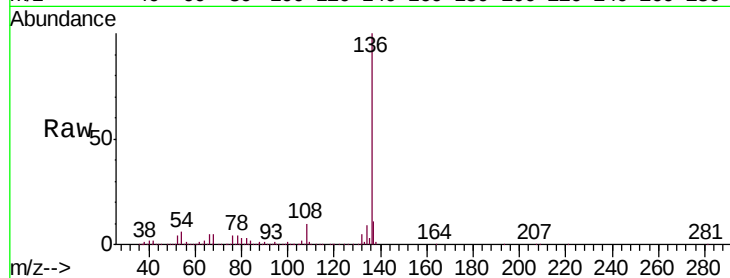
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 6.0 9.0

68 4.6 4.5 6.7

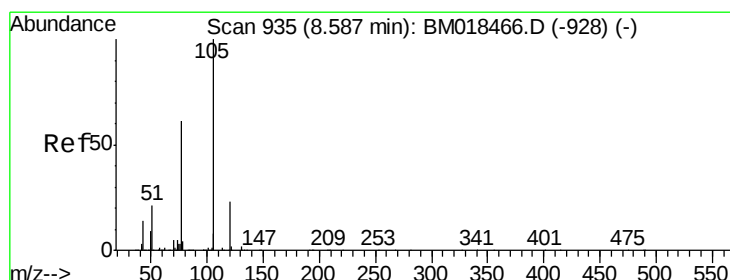
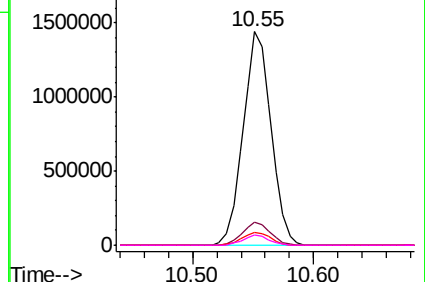
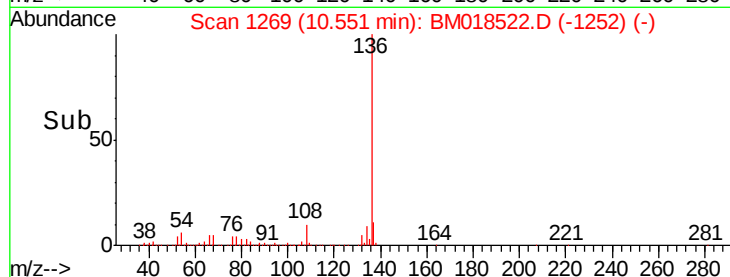


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.323 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Tgt Ion:105 Resp: 2378531

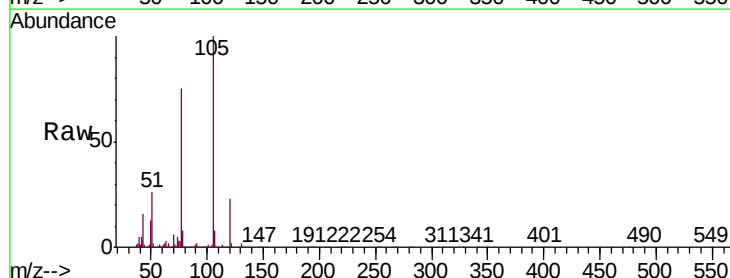
Ion Ratio Lower Upper

105 100

71 1.0 1.7 2.5#

51 26.3 22.6 34.0

120 22.6 18.3 27.5

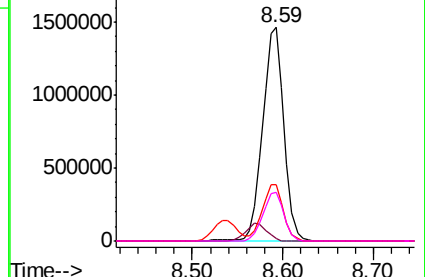
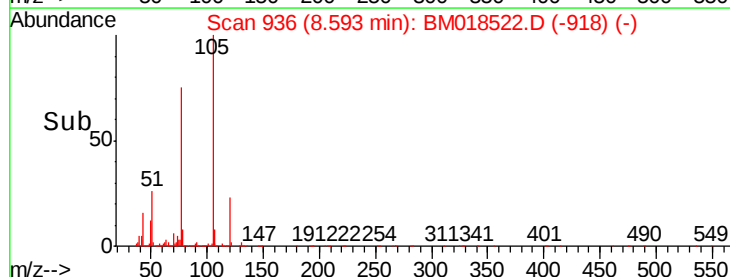


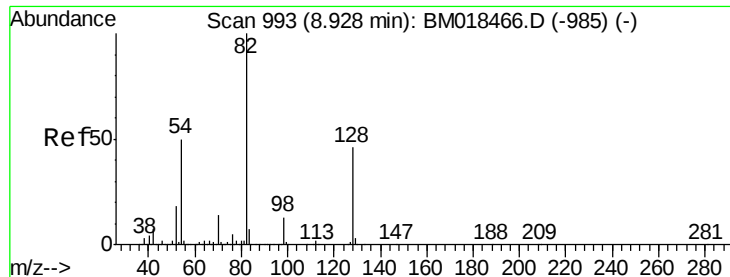
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

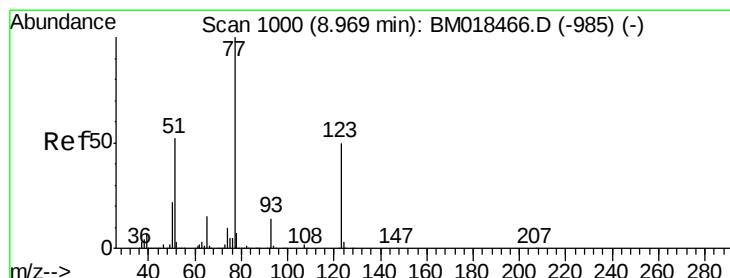
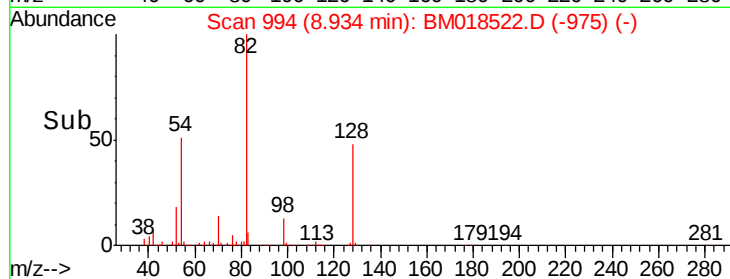
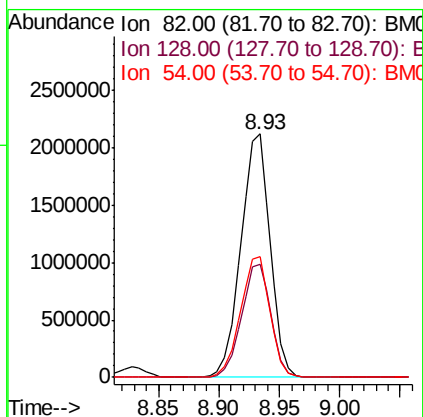
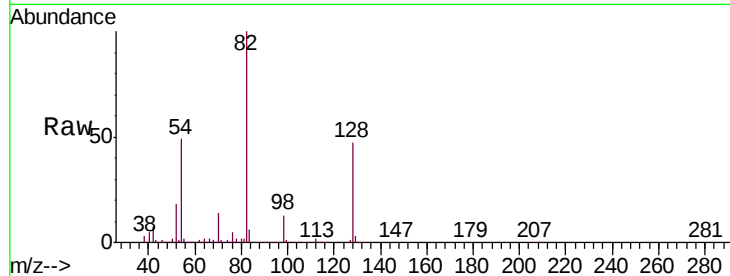




#23
 Nitrobenzene-d5
 Concen: 89.418 ng
 RT: 8.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

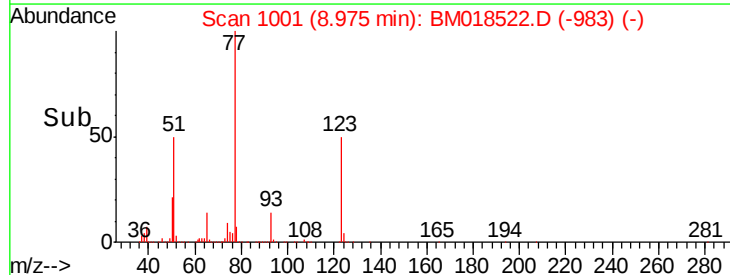
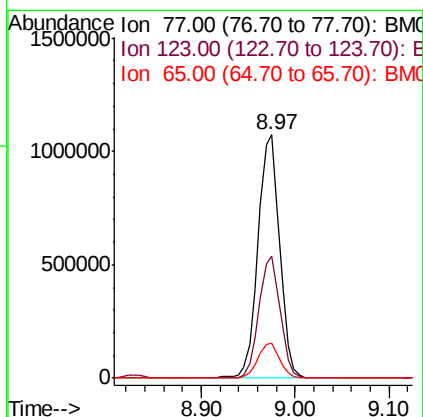
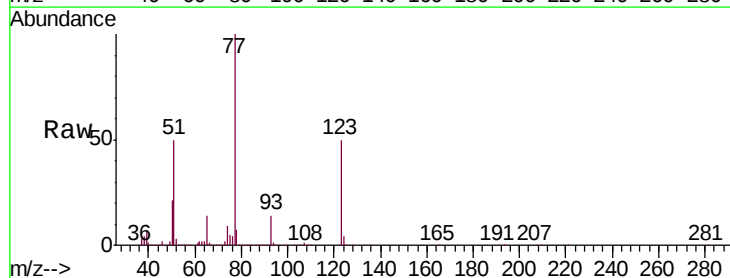
Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

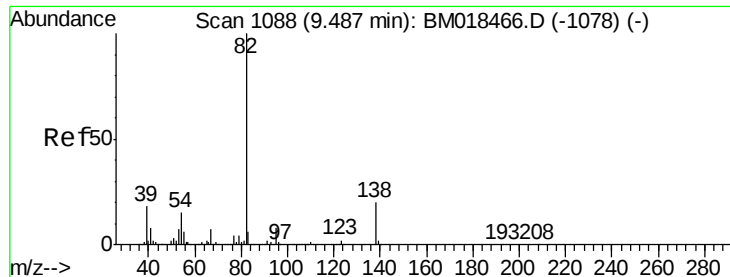
Tgt Ion: 82 Resp: 3588992
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 49.5 41.7 62.5



#24
 Nitrobenzene
 Concen: 43.331 ng
 RT: 8.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion: 77 Resp: 1711241
 Ion Ratio Lower Upper
 77 100
 123 50.2 37.7 56.5
 65 14.2 11.0 16.6





#25

Isophorone

Concen: 52.947 ng

RT: 9.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

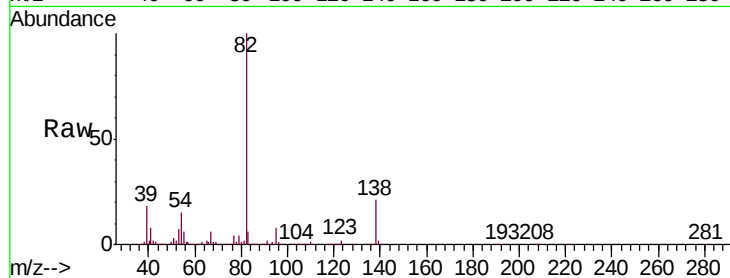
Tgt Ion: 82 Resp: 3218068

Ion Ratio Lower Upper

82 100

95 8.3 6.1 9.1

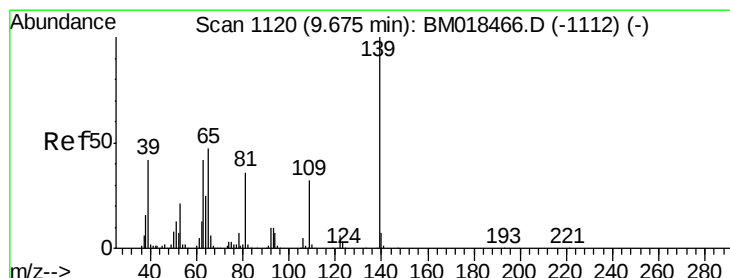
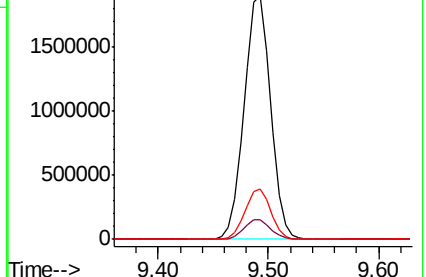
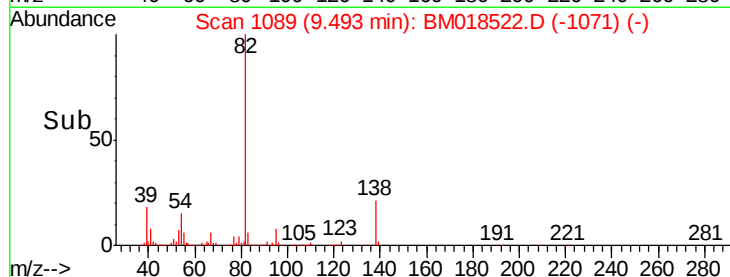
138 20.7 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018522.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018522.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018522.D (-1078) (-)



#26

2-Nitrophenol

Concen: 49.856 ng

RT: 9.67 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

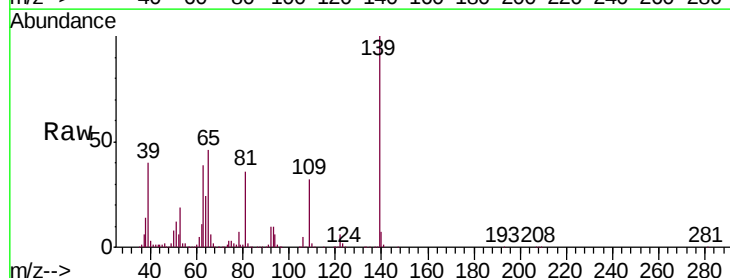
Tgt Ion: 139 Resp: 952050

Ion Ratio Lower Upper

139 100

109 31.9 23.4 35.2

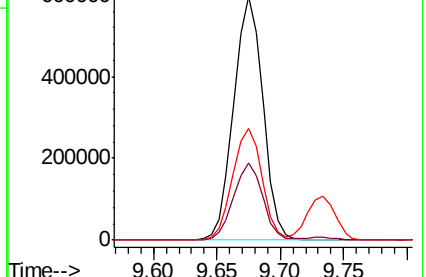
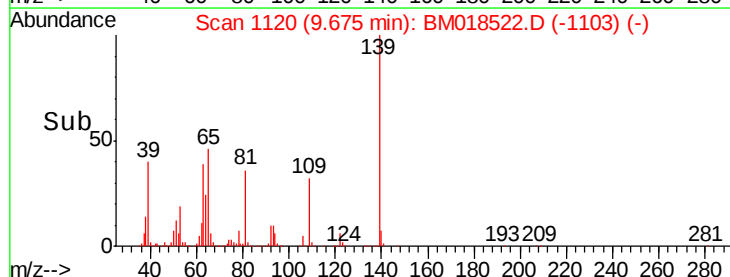
65 45.9 39.4 59.2

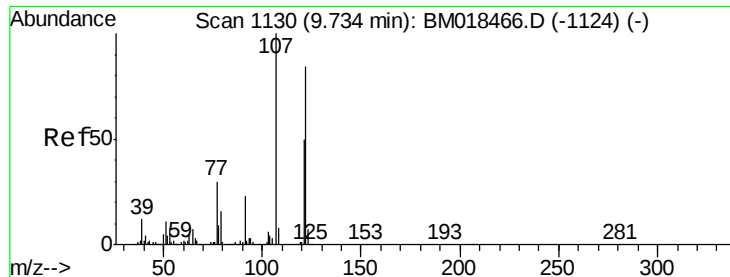


Abundance Ion 139.00 (138.70 to 139.70): BM018522.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM018522.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM018522.D (-1103) (-)

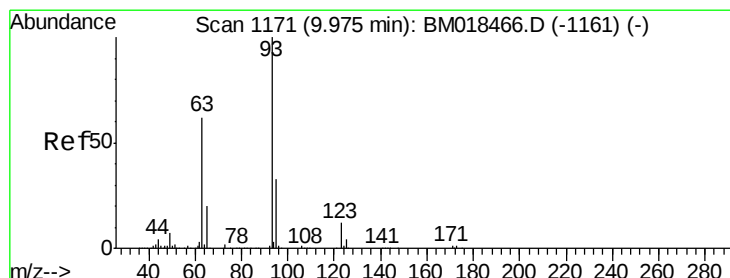
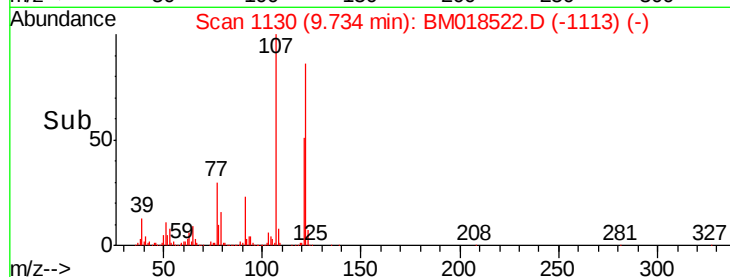
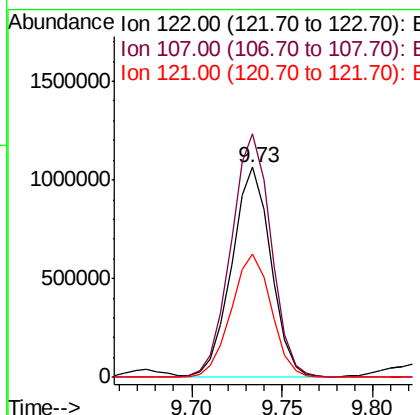
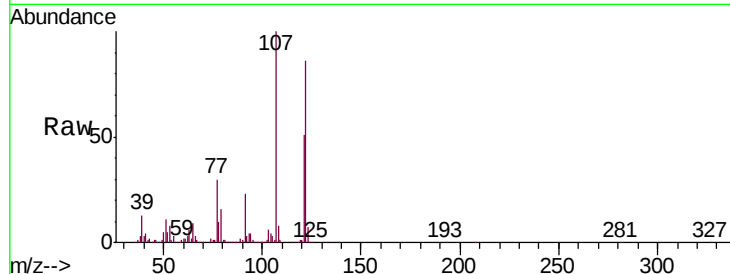




#27
 2,4-Dimethylphenol
 Concen: 55.470 ng
 RT: 9.73 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

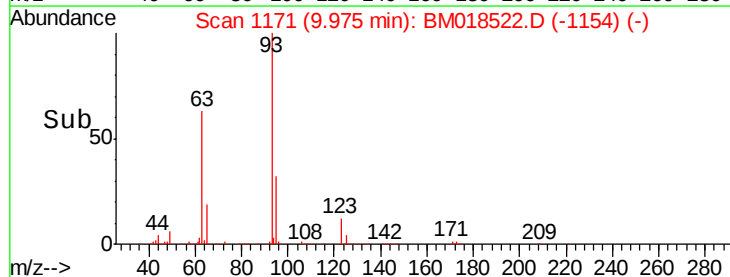
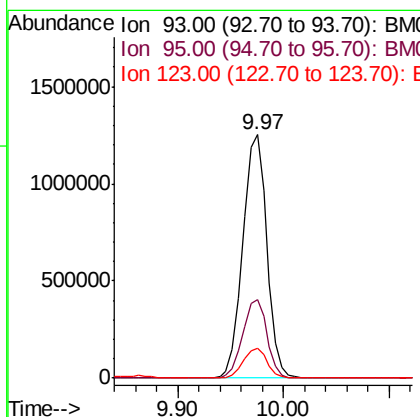
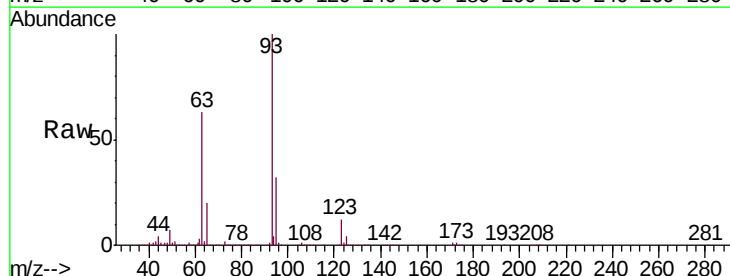
Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

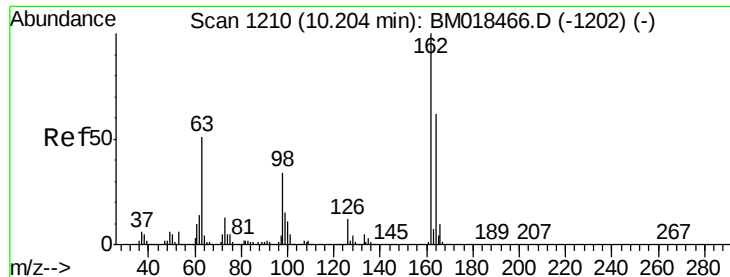
Tgt Ion:122 Resp: 1587694
 Ion Ratio Lower Upper
 122 100
 107 115.9 91.9 137.9
 121 58.9 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.150 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion: 93 Resp: 1979709
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 39.8
 123 12.3 9.9 14.9

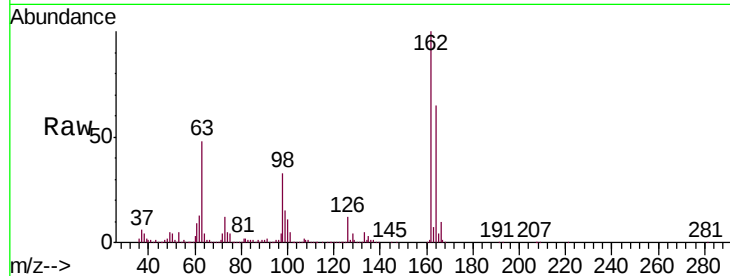




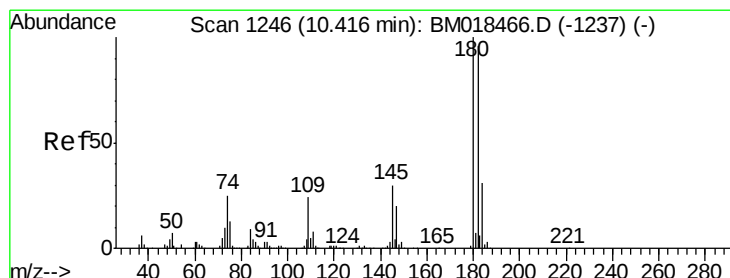
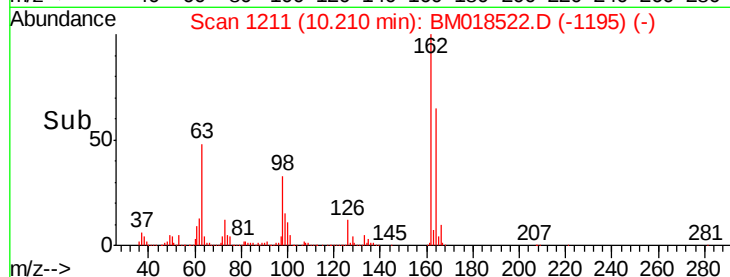
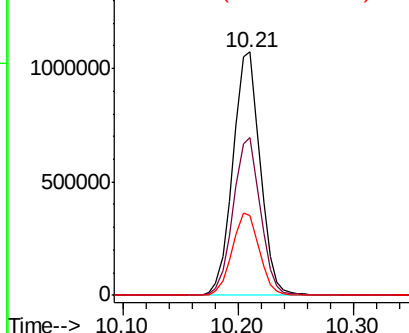
#29
2,4-Dichlorophenol
Concen: 51.641 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion:162 Resp: 1760072
Ion Ratio Lower Upper
162 100
164 65.0 45.6 85.6
98 32.7 14.7 54.7

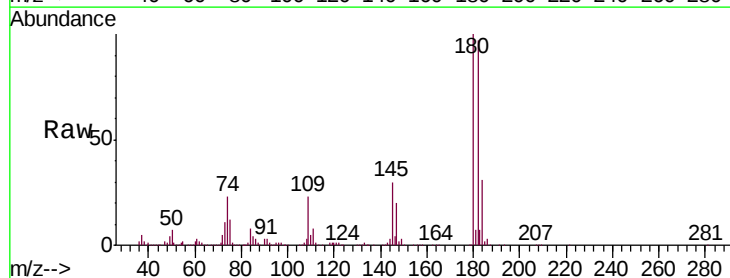


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

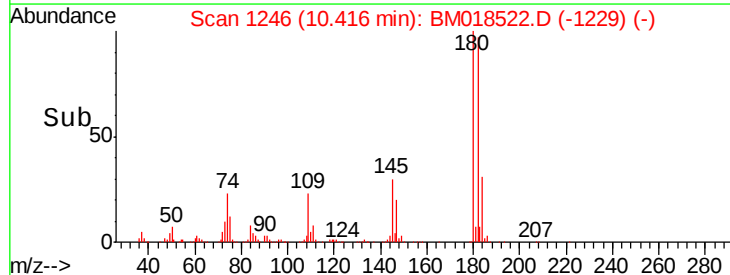
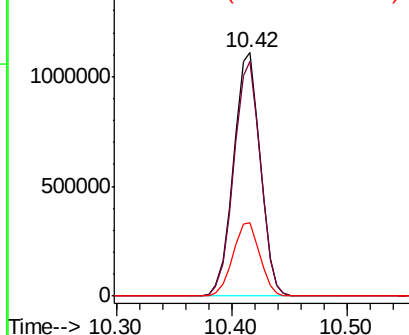


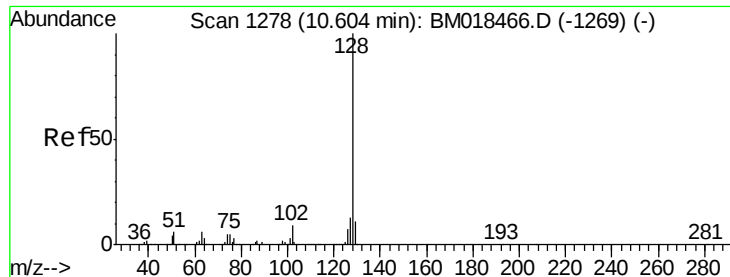
#30
1,2,4-Trichlorobenzene
Concen: 42.043 ng
RT: 10.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:180 Resp: 1778600
Ion Ratio Lower Upper
180 100
182 96.6 77.4 116.2
145 30.4 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

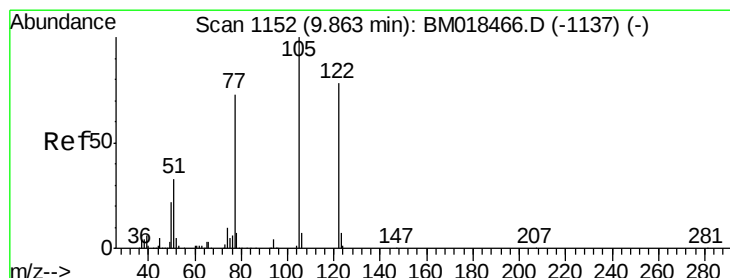
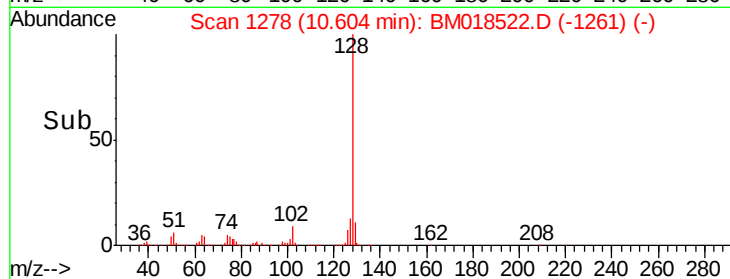
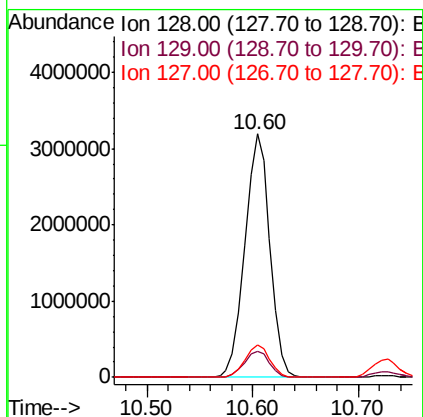
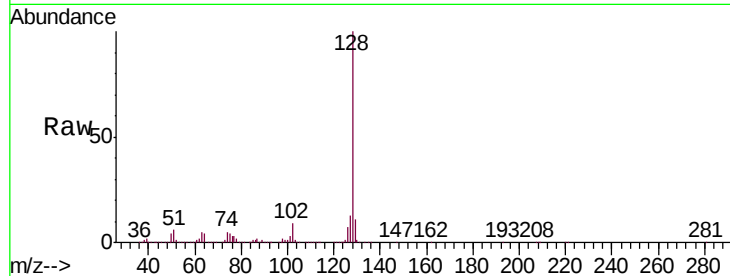




#31
Naphthalene
Concen: 46.525 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

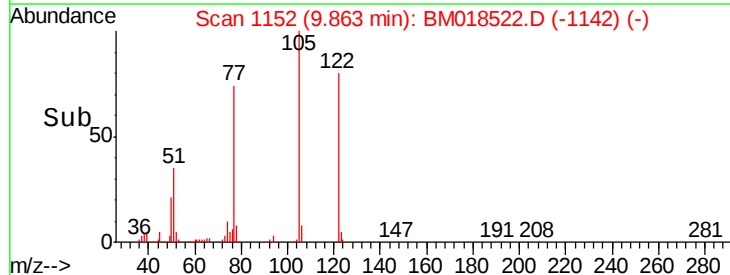
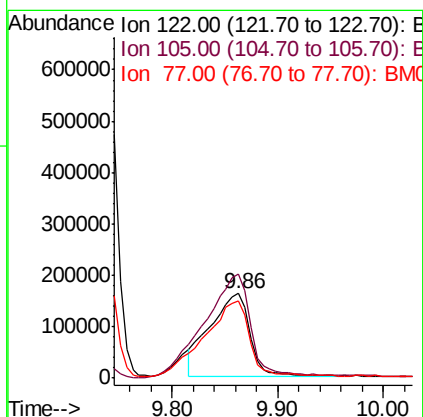
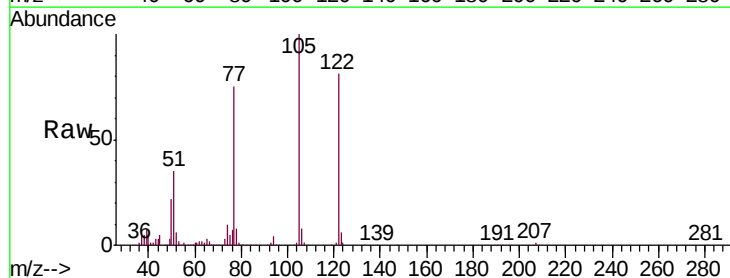
Instrument :
BNA_M
ClientSampleId :
TP-16MS

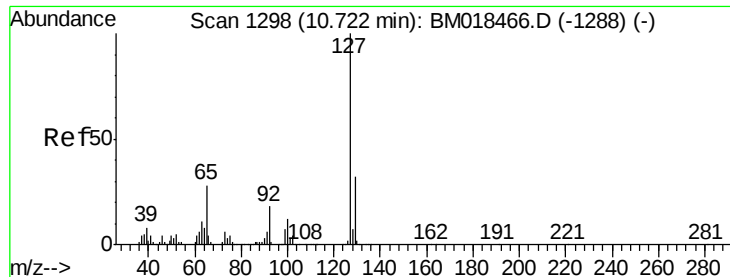
Tgt Ion:128 Resp: 5213563
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 25.150 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:122 Resp: 415686
Ion Ratio Lower Upper
122 100
105 122.9 100.4 140.4
77 91.9 71.7 111.7

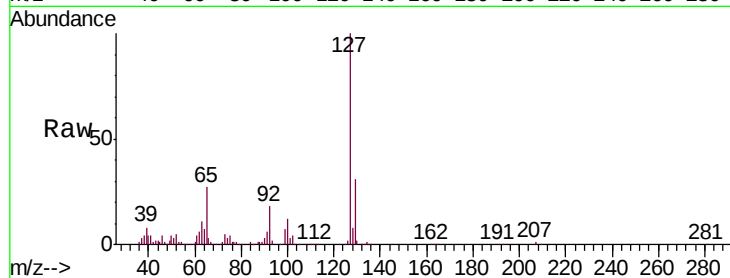




#33
4-Chloroaniline
Concen: 9.816 ng
RT: 10.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	27.1	23.4	35.2
92	18.4	14.5	21.7



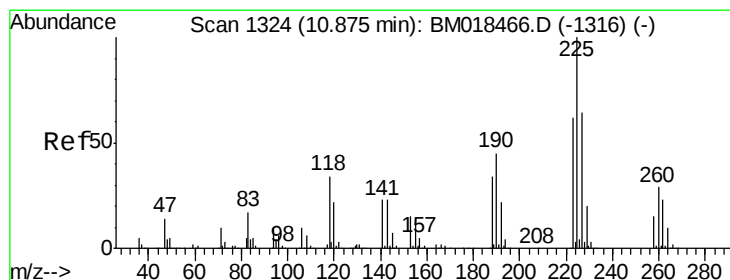
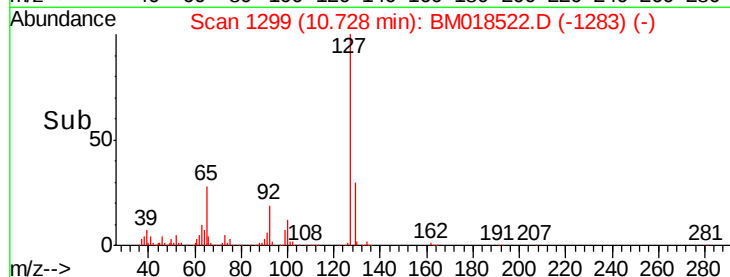
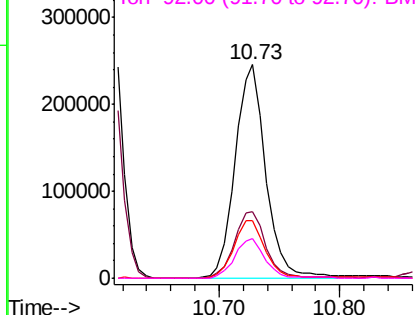
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

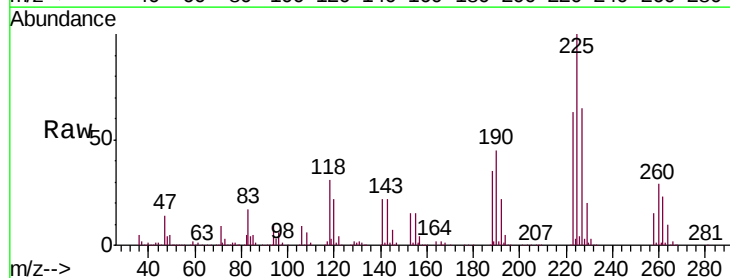
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 40.468 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.8	76.2
227	64.6	50.4	75.6

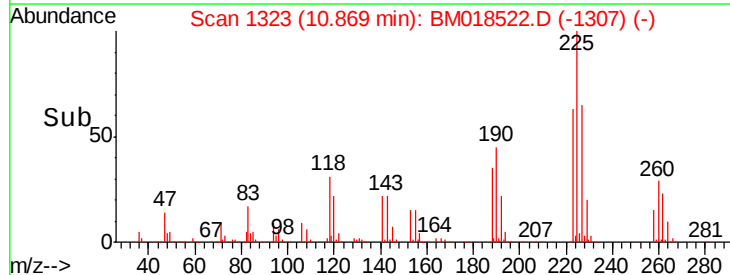
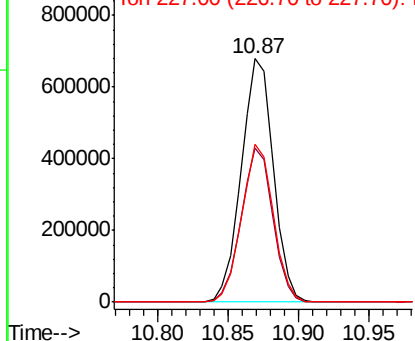


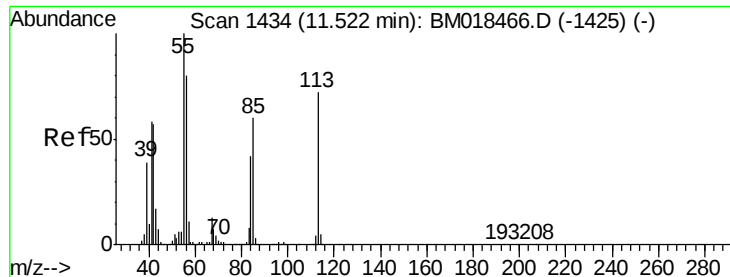
Abundance

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: 21.379 ng

RT: 11.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

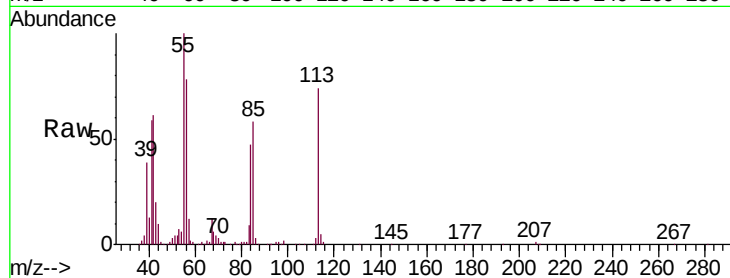
Tgt Ion:113 Resp: 247740

Ion Ratio Lower Upper

113 100

55 135.4 139.3 179.3#

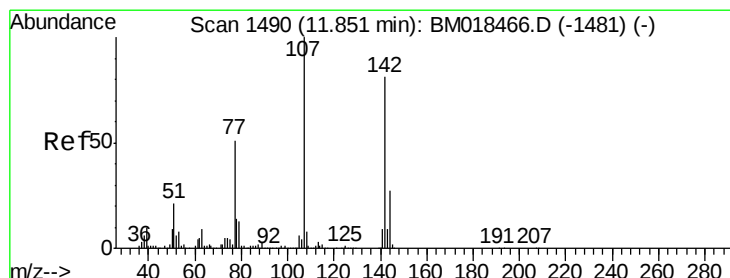
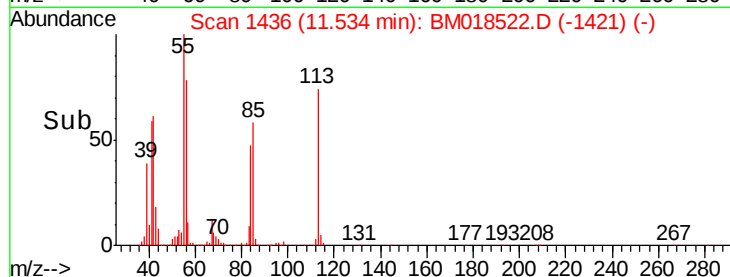
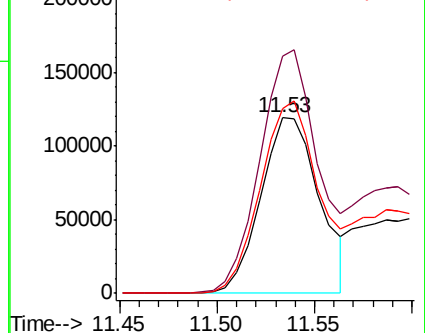
56 105.3 101.4 141.4



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: 51.191 ng

RT: 11.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

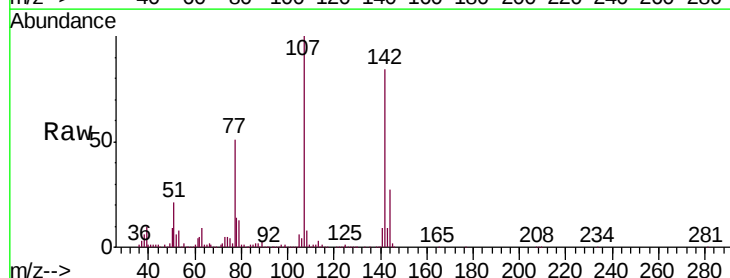
Tgt Ion:107 Resp: 1830446

Ion Ratio Lower Upper

107 100

144 27.3 21.9 32.9

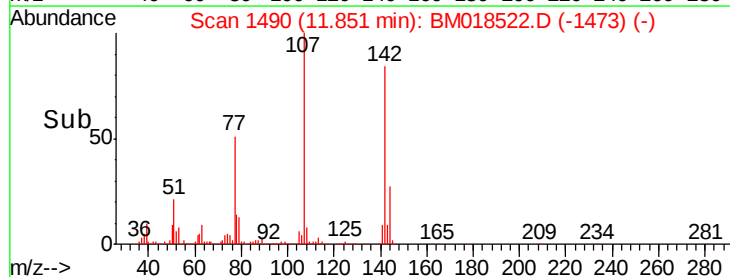
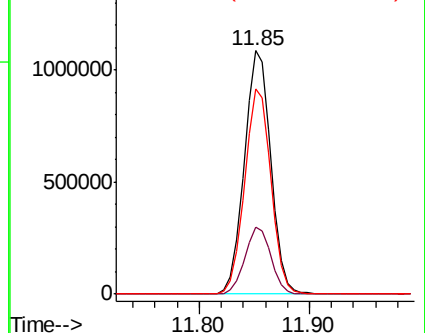
142 84.2 67.9 101.9

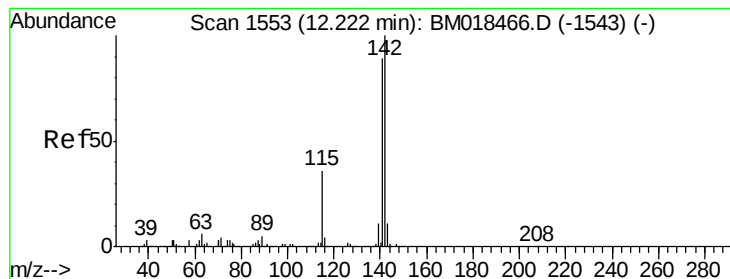


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.594 ng

RT: 12.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

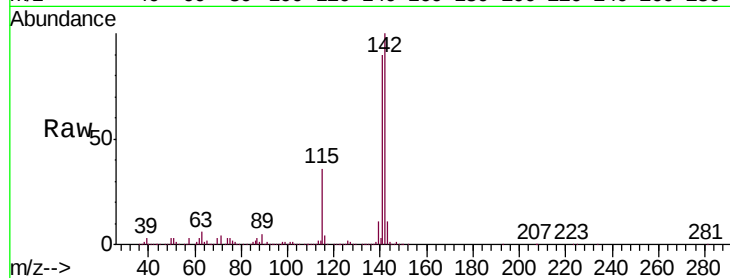
Tgt Ion:142 Resp: 3926553

Ion Ratio Lower Upper

142 100

141 90.0 71.4 107.2

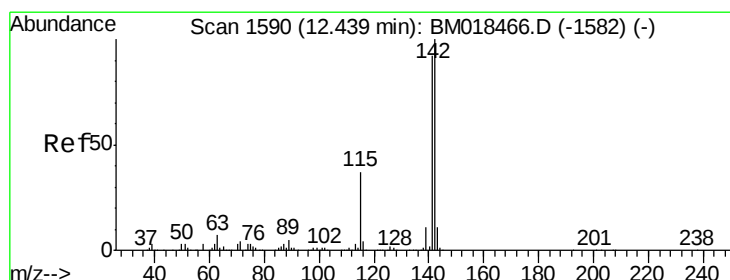
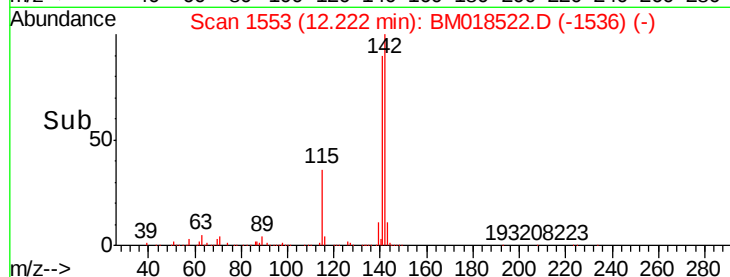
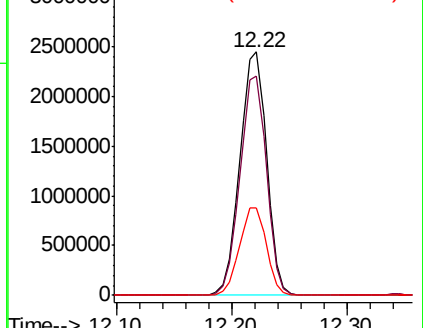
115 36.1 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.851 ng

RT: 12.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

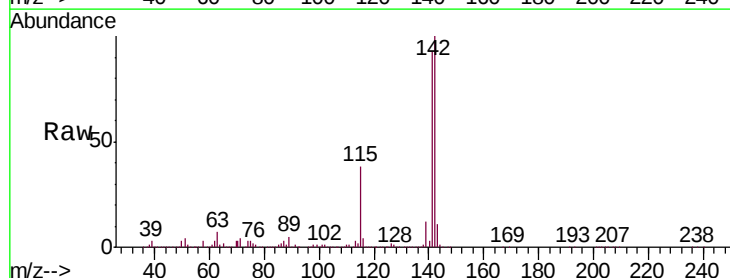
Tgt Ion:142 Resp: 3742301

Ion Ratio Lower Upper

142 100

141 92.6 75.6 113.4

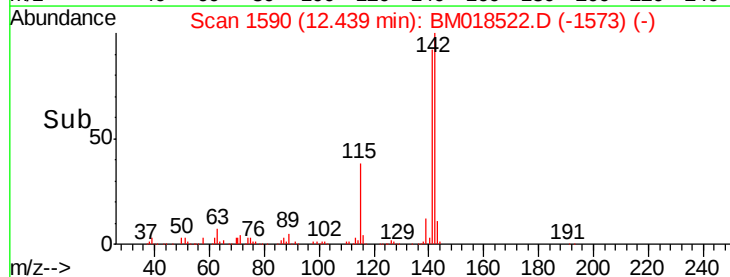
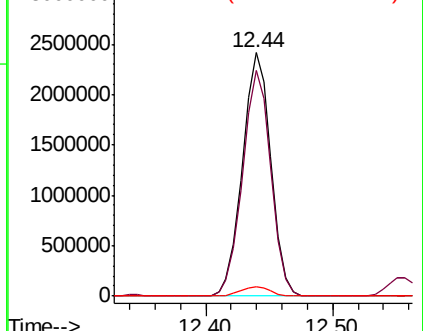
116 3.9 3.0 4.6

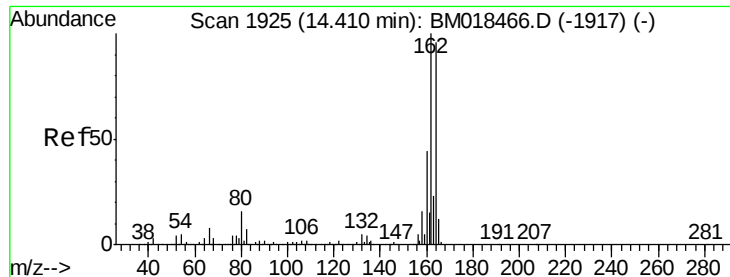


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

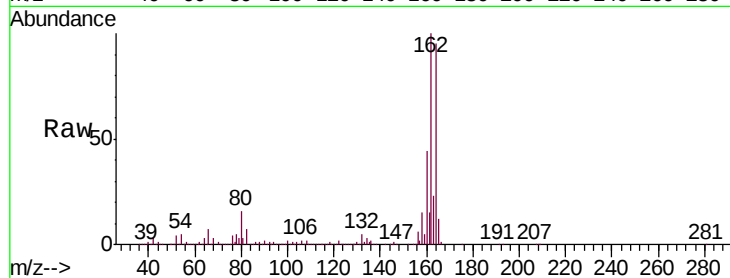
Tgt Ion:164 Resp: 1350323

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.4

160 46.4 37.1 55.7

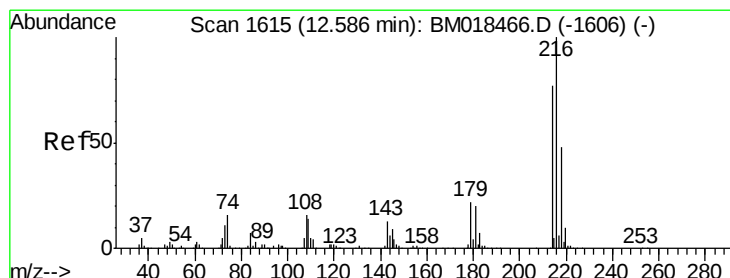
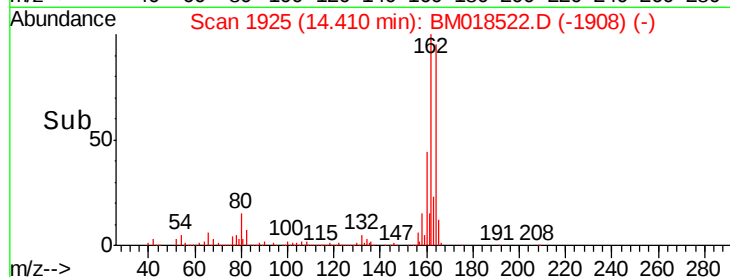
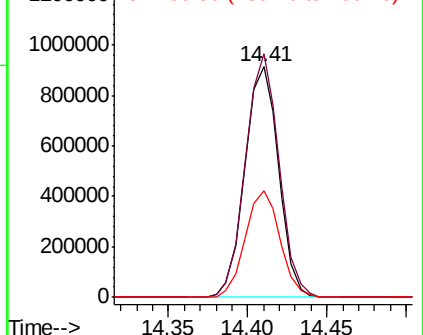


Abundance

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: 43.151 ng

RT: 12.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Tgt Ion:216 Resp: 2037589

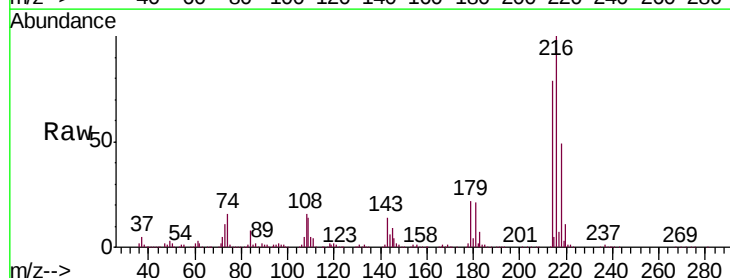
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.0

179 21.8 17.9 26.9

108 19.7 15.8 23.6



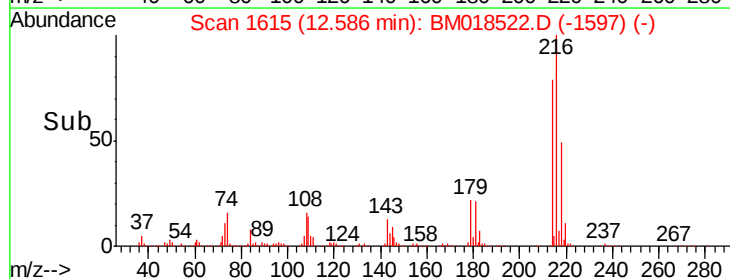
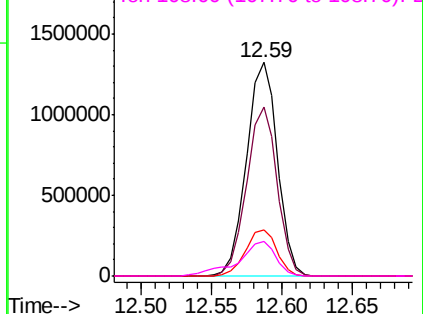
Abundance

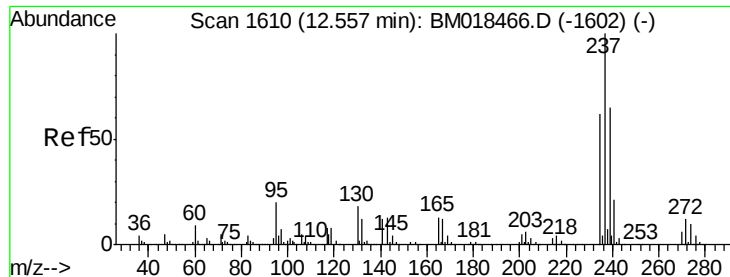
Ion 216.00 (215.70 to 216.70): E

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: 90.419 ng

RT: 12.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

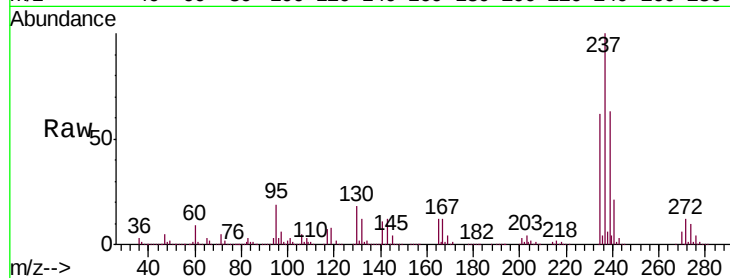
Tgt Ion:237 Resp: 2343288

Ion Ratio Lower Upper

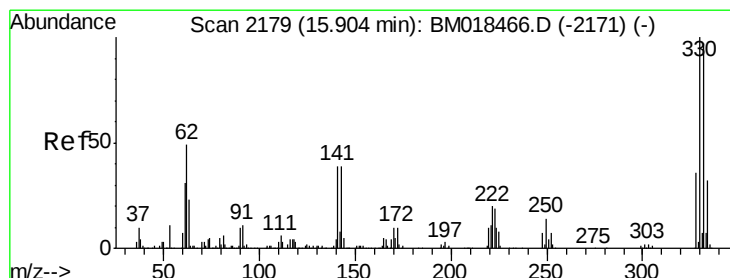
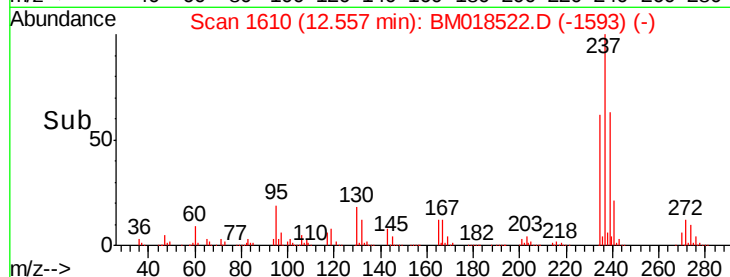
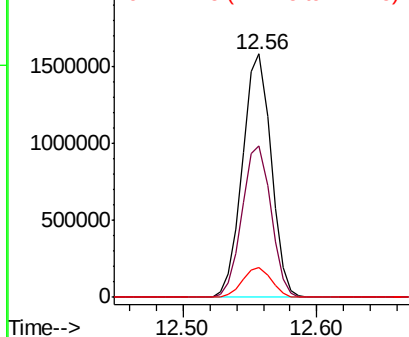
237 100

235 62.3 42.8 82.8

272 12.3 0.0 31.9



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: 153.353 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

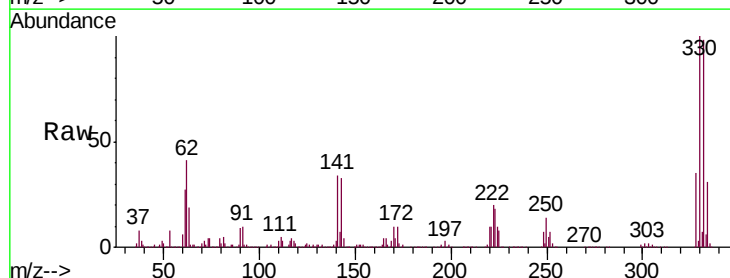
Tgt Ion:330 Resp: 2636654

Ion Ratio Lower Upper

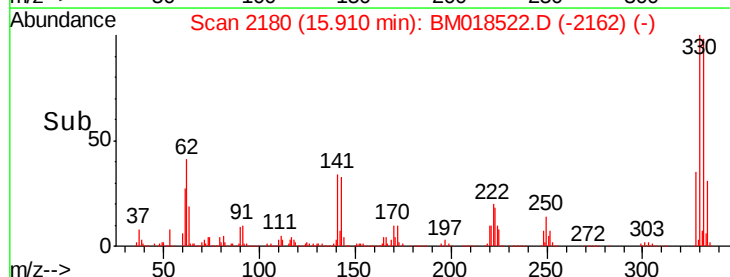
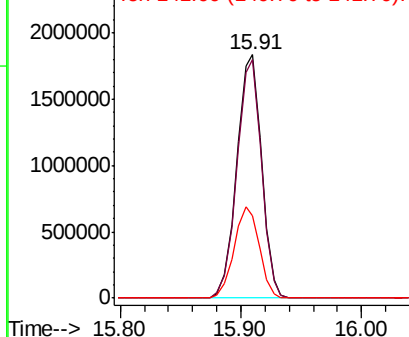
330 100

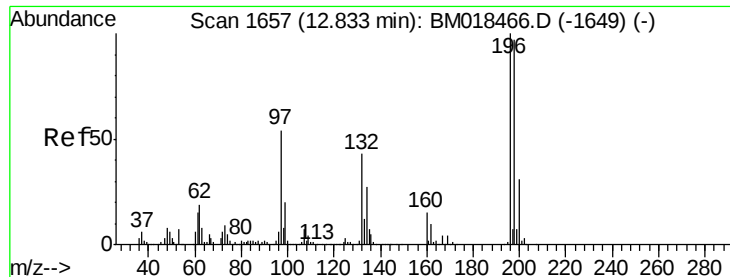
332 96.8 77.6 116.4

141 38.0 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

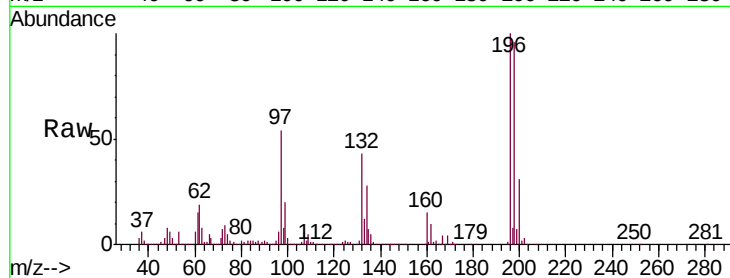




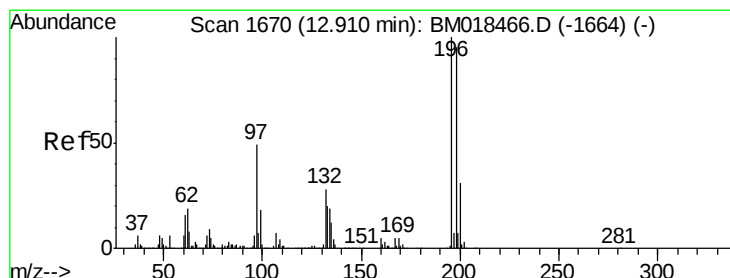
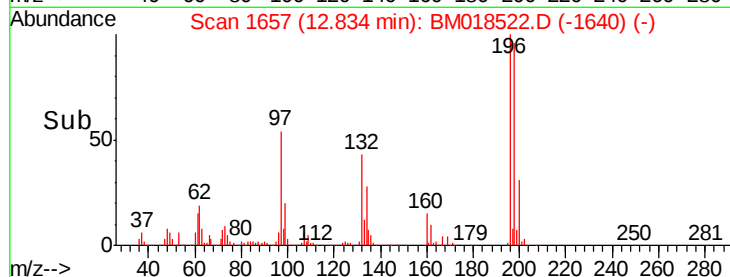
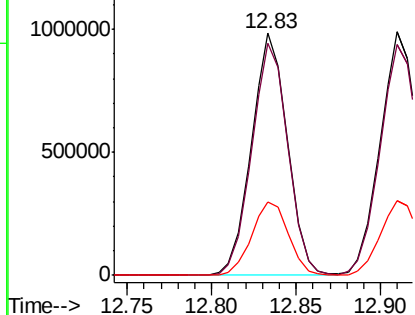
#43
 2,4,6-Trichlorophenol
 Concen: 50.493 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

Tgt Ion:196 Resp: 1447873
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 115.0
 200 30.6 24.2 36.4

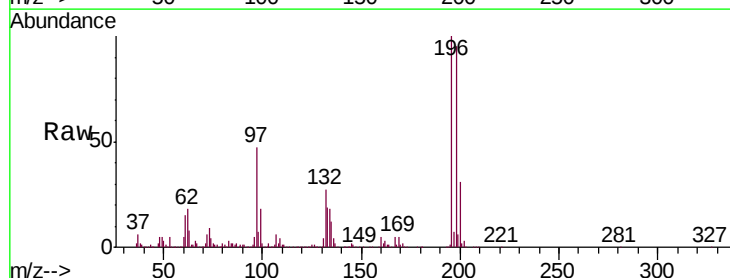


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

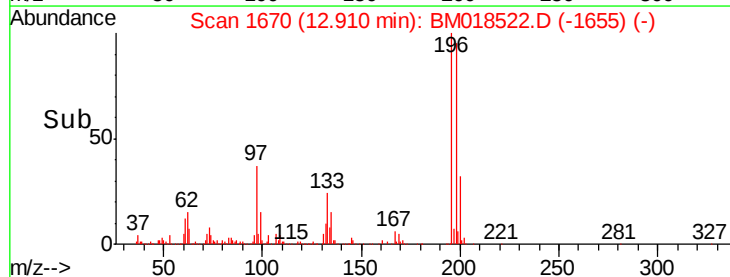
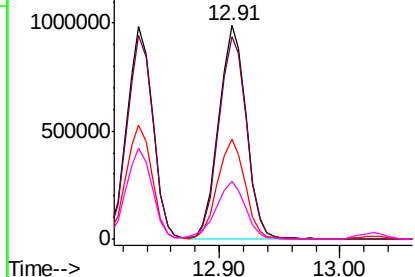


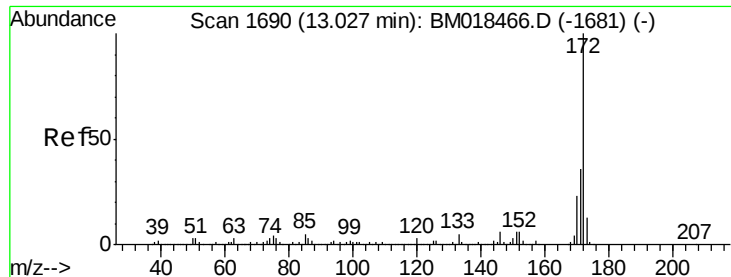
#44
 2,4,5-Trichlorophenol
 Concen: 51.340 ng
 RT: 12.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:196 Resp: 1548307
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.7 115.1
 97 46.9 39.2 58.8
 132 27.0 22.3 33.5



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

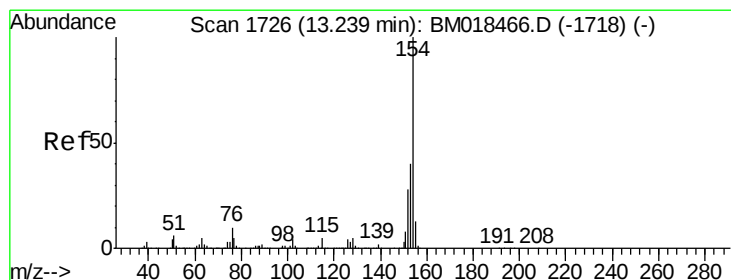
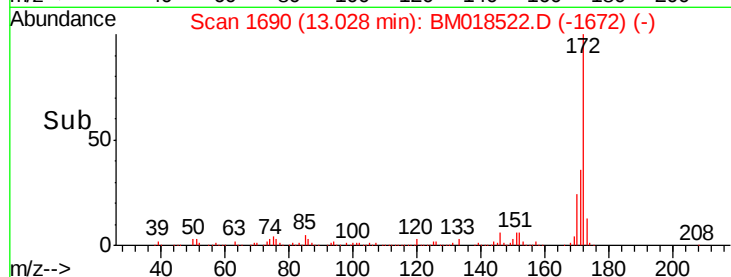
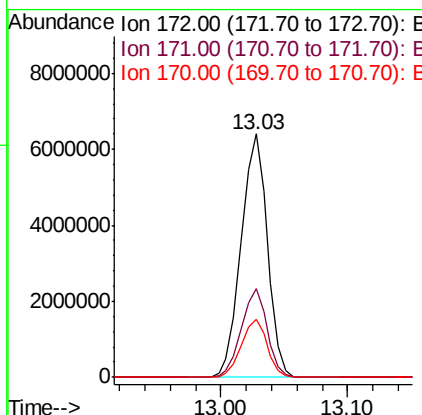
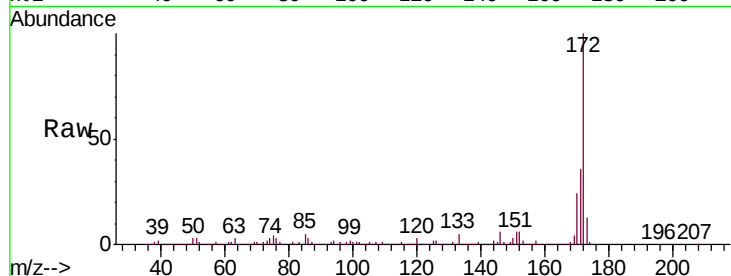




#45
 2-Fluorobiphenyl
 Concen: 88.590 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

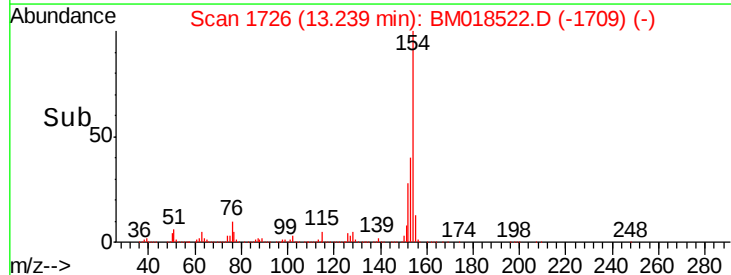
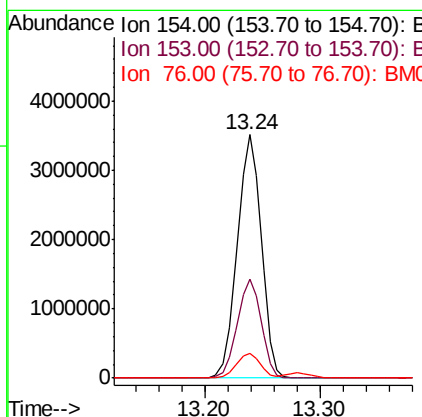
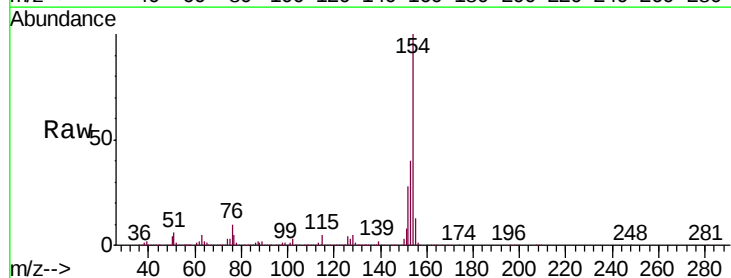
Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

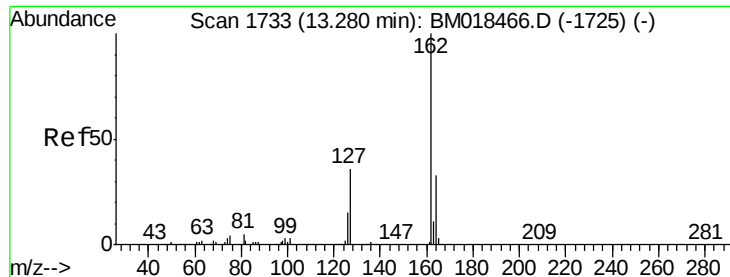
Tgt Ion:172 Resp: 9167673
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.4
 170 23.8 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 42.744 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:154 Resp: 5039647
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.5 60.5
 76 10.3 0.0 31.9

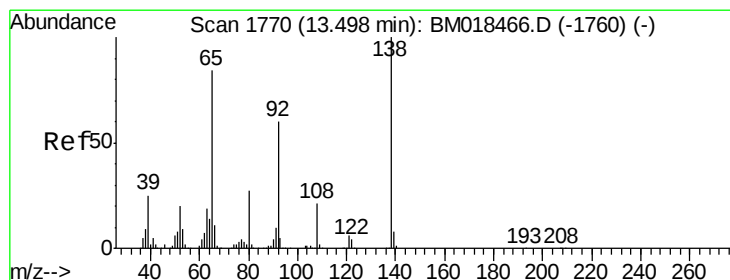
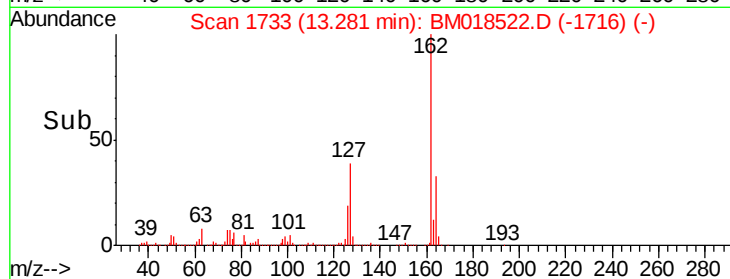
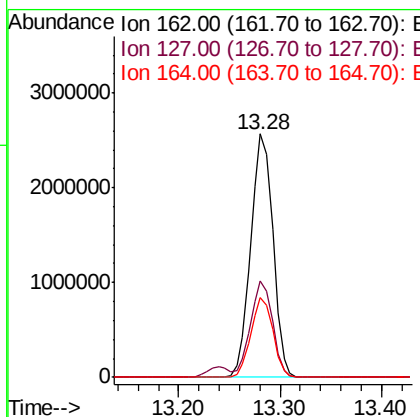
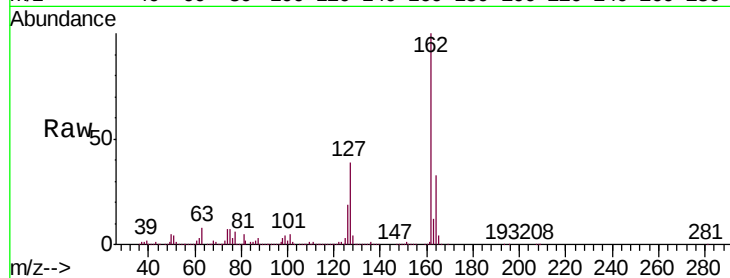




#47
2-Chloronaphthalene
Concen: 42.903 ng
RT: 13.28 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

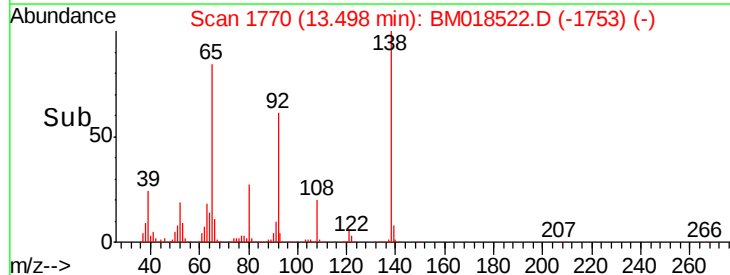
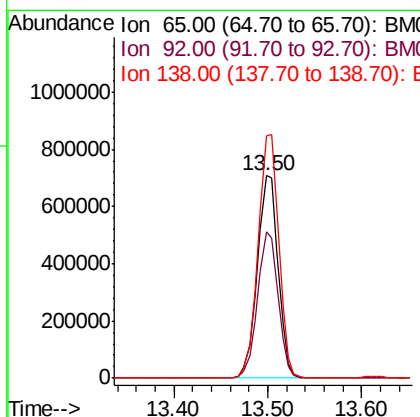
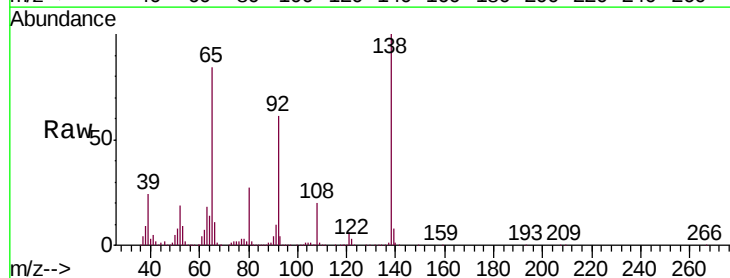
Instrument :
BNA_M
ClientSampleId :
TP-16MS

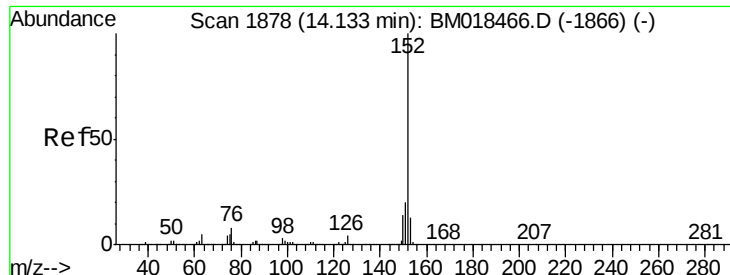
Tgt Ion: 162 Resp: 3922577
Ion Ratio Lower Upper
162 100
127 39.5 31.4 47.0
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 48.337 ng
RT: 13.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion: 65 Resp: 1087283
Ion Ratio Lower Upper
65 100
92 72.6 53.4 80.2
138 119.6 88.9 133.3





#49

Acenaphthylene

Concen: 48.027 ng

RT: 14.13 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

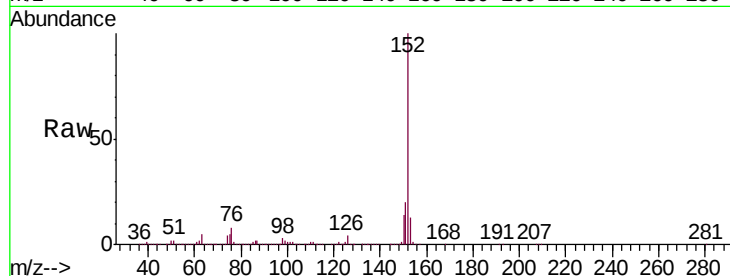
Tgt Ion:152 Resp: 6399235

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	12.9	10.5	15.7

152 100

151 20.1 15.7 23.5

153 12.9 10.5 15.7

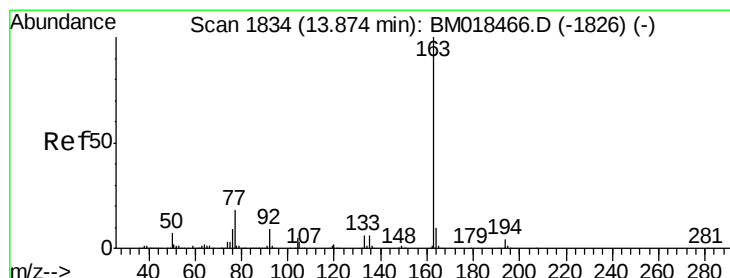
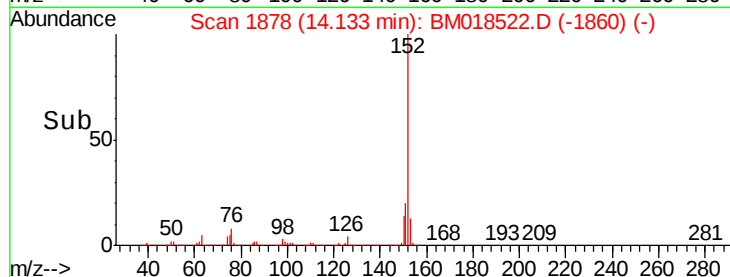
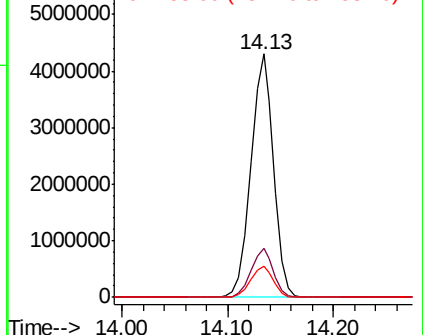


Abundance

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: 60.269 ng

RT: 13.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

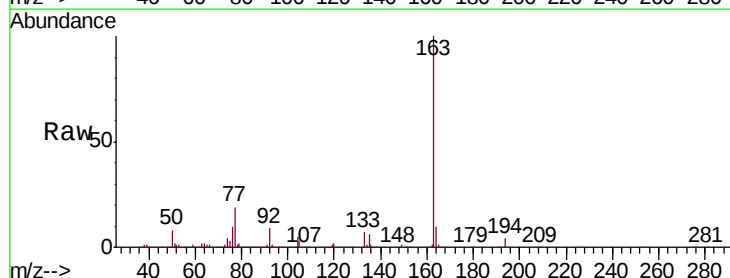
Tgt Ion:163 Resp: 6683739

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.2	7.8	11.8

163 100

194 4.1 3.0 4.6

164 10.2 7.8 11.8

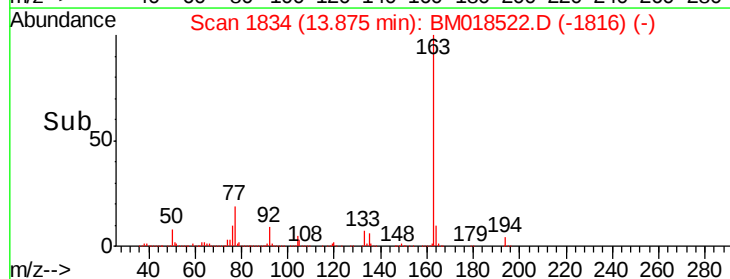
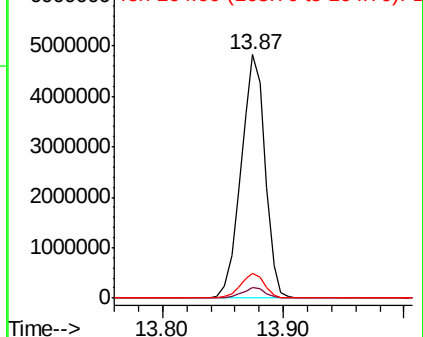


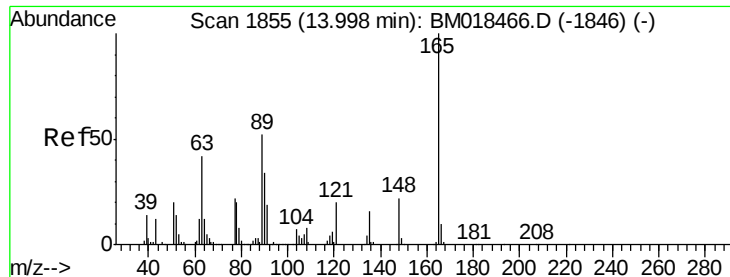
Abundance

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

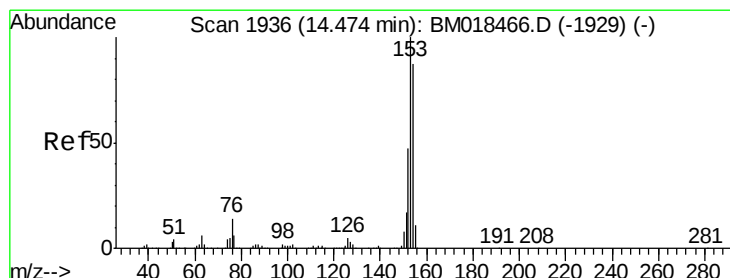
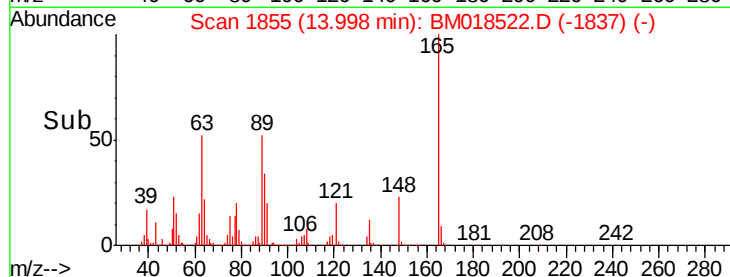
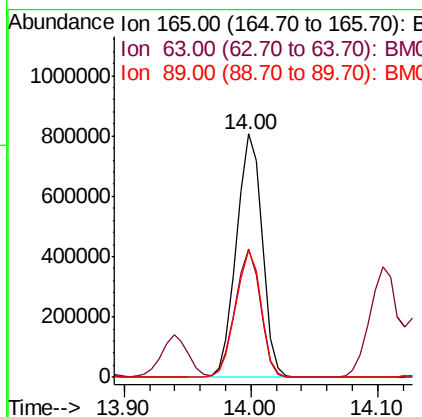
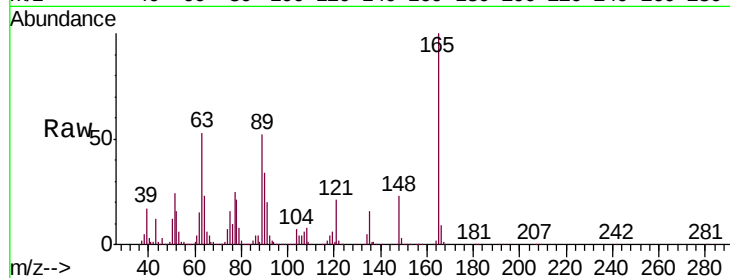




#51
2,6-Dinitrotoluene
Concen: 48.124 ng
RT: 14.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

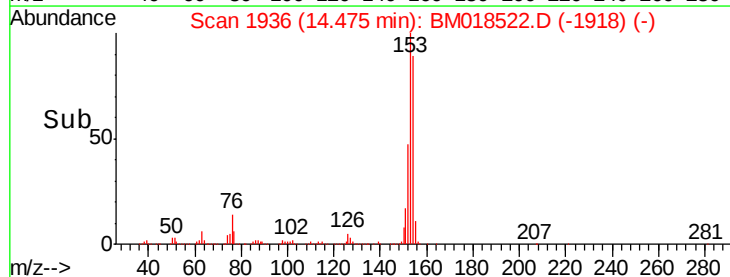
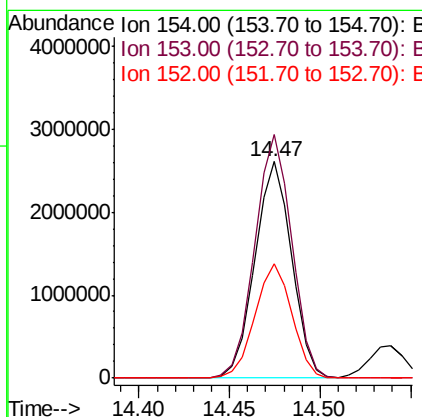
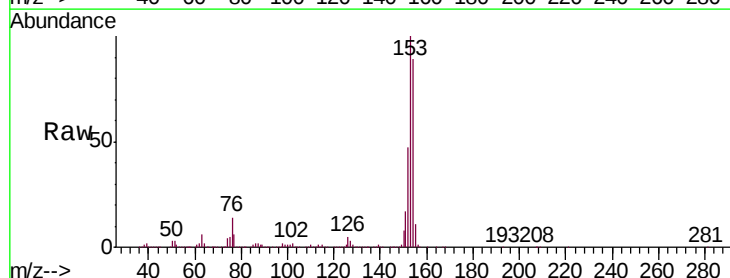
Instrument :
BNA_M
ClientSampleId :
TP-16MS

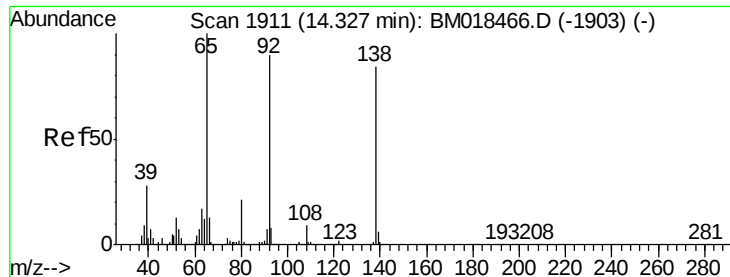
Tgt Ion:165 Resp: 1130474
Ion Ratio Lower Upper
165 100
63 52.5 45.6 68.4
89 52.1 44.6 66.8



#52
Acenaphthene
Concen: 44.892 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:154 Resp: 3659864
Ion Ratio Lower Upper
154 100
153 112.4 92.3 138.5
152 52.7 43.8 65.6

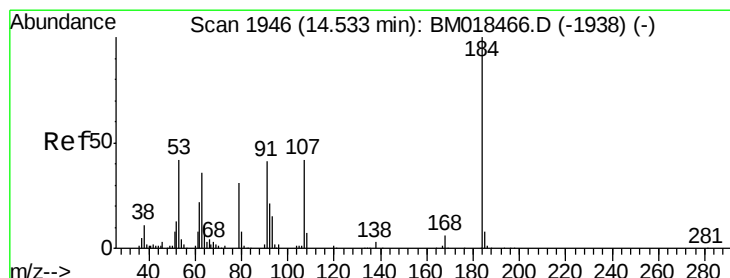
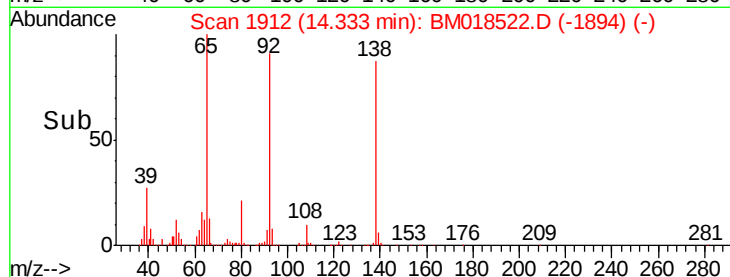
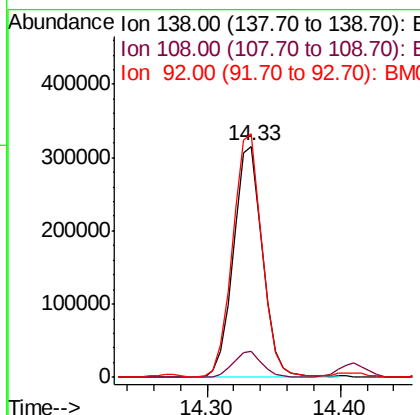
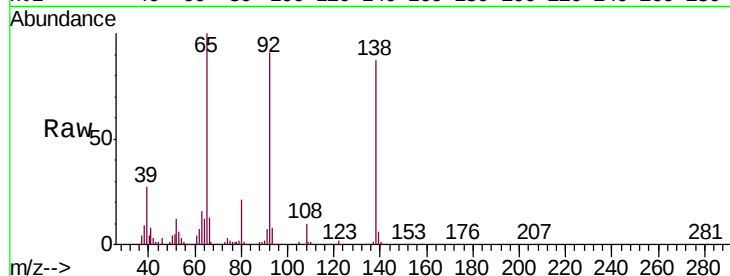




#53
3-Nitroaniline
Concen: 20.284 ng
RT: 14.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

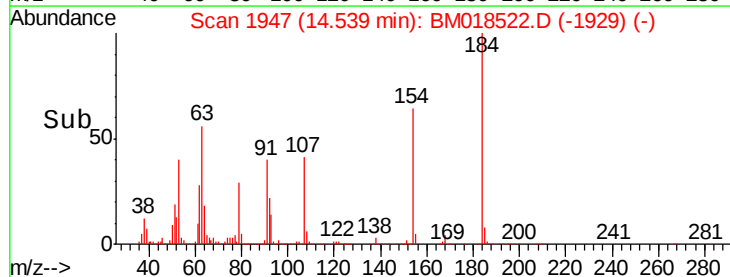
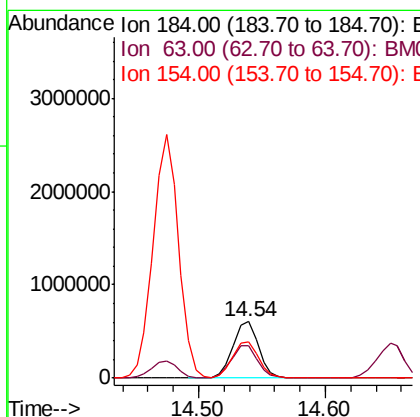
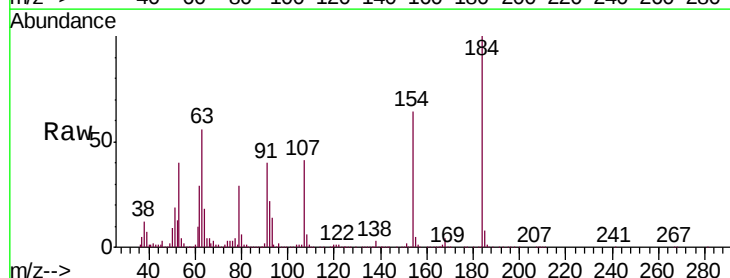
Instrument :
BNA_M
ClientSampleId :
TP-16MS

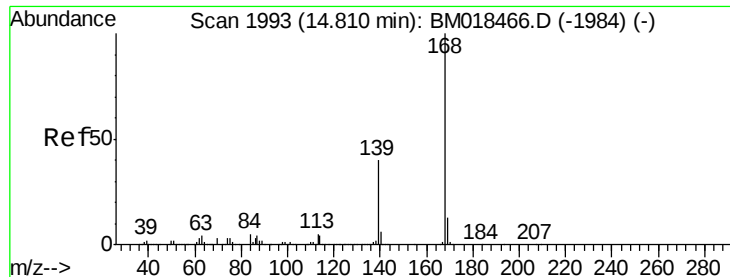
Tgt Ion:138 Resp: 480369
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 105.2 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 68.305 ng
RT: 14.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:184 Resp: 853901
Ion Ratio Lower Upper
184 100
63 56.3 55.9 83.9
154 64.4 54.2 81.4

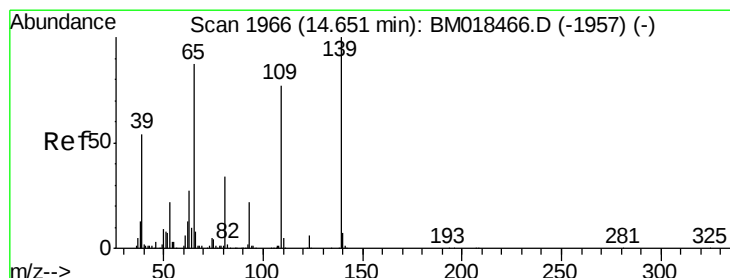
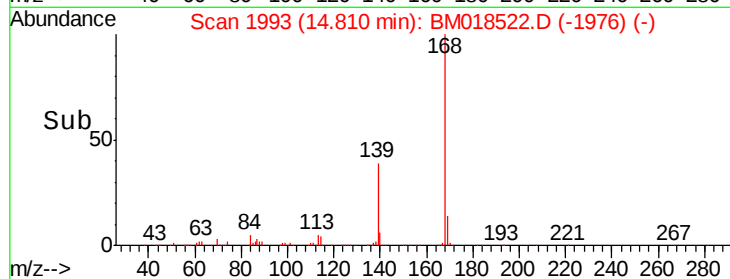
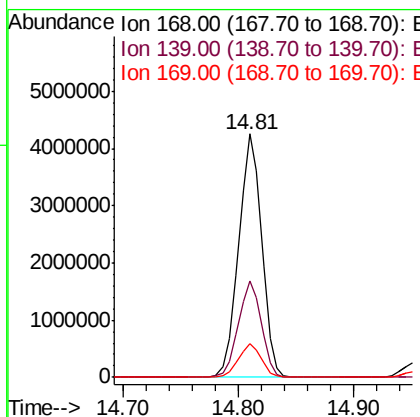
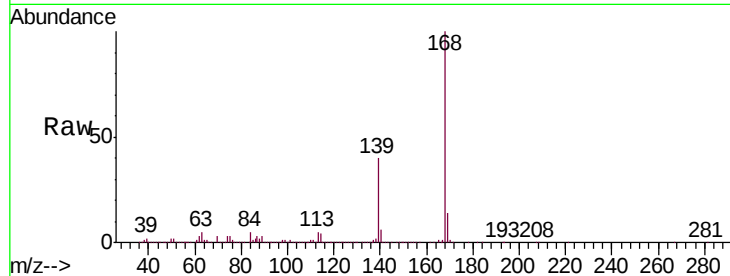




#55
 Dibenzofuran
 Concen: 43.610 ng
 RT: 14.81 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

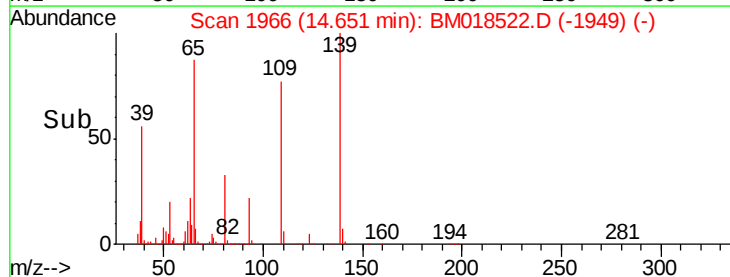
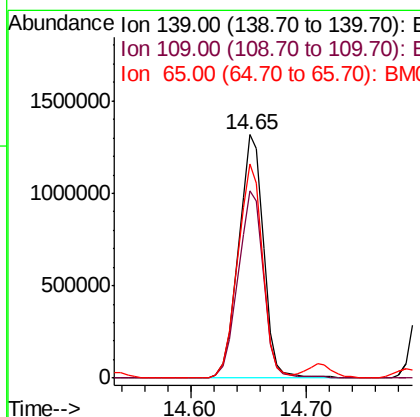
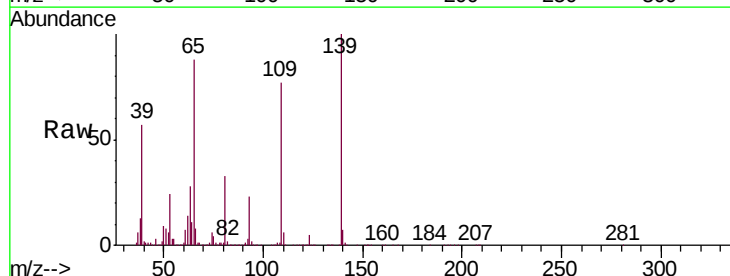
Instrument :
 BNA_M
 ClientSampled :
 TP-16MS

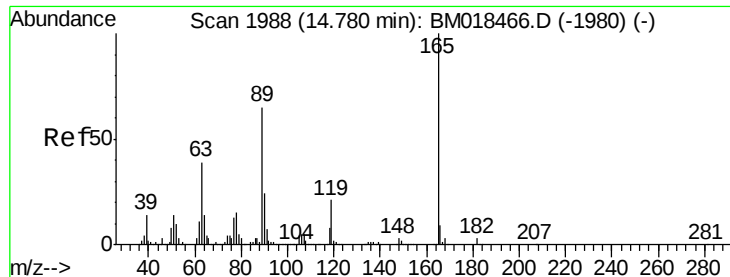
Tgt Ion:168 Resp: 5874311
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.3 45.5
 169 13.6 10.6 16.0



#56
 4-Nitrophenol
 Concen: 96.424 ng
 RT: 14.65 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:139 Resp: 1972773
 Ion Ratio Lower Upper
 139 100
 109 76.7 51.7 91.7
 65 87.7 71.4 111.4

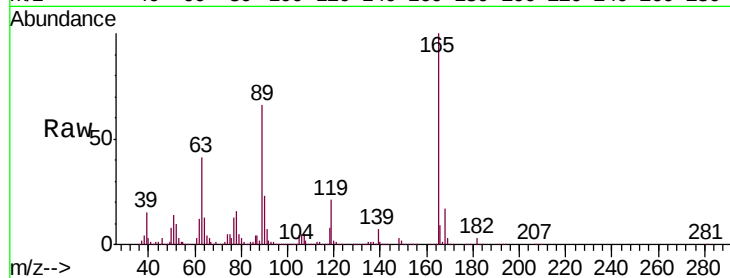




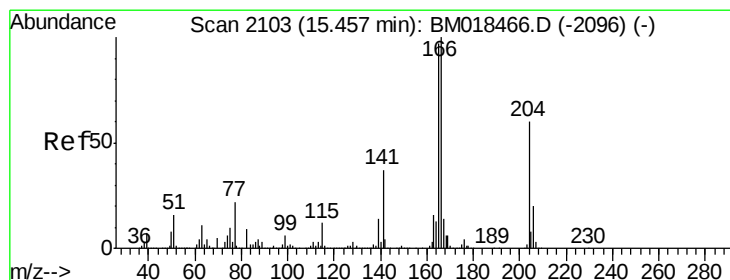
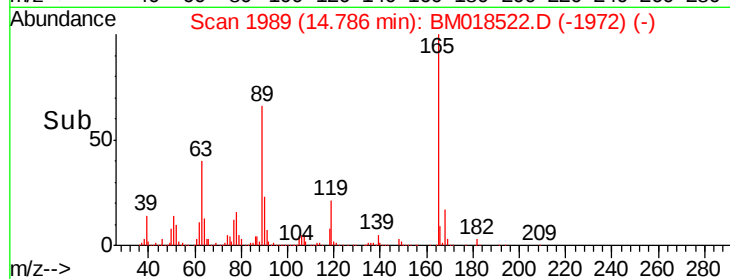
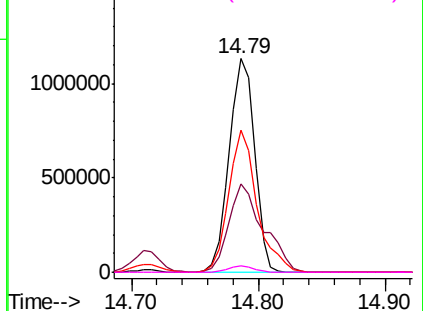
#57
2,4-Dinitrotoluene
Concen: 47.156 ng
RT: 14.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion:165 Resp: 1567308
Ion Ratio Lower Upper
165 100
63 41.3 32.2 48.2
89 66.4 52.1 78.1
182 2.8 2.5 3.7

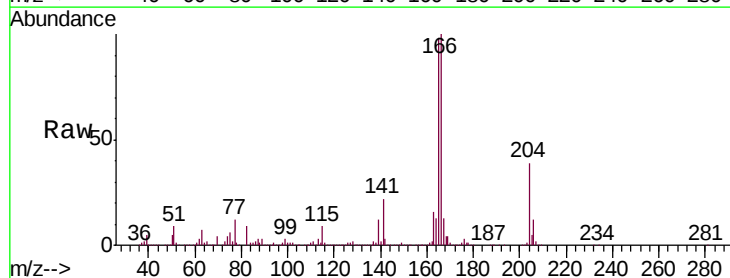


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

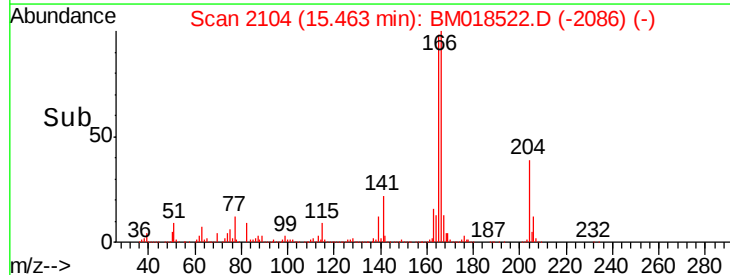
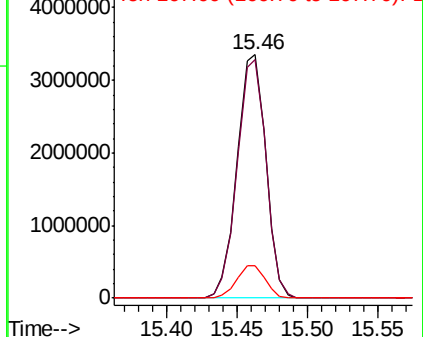


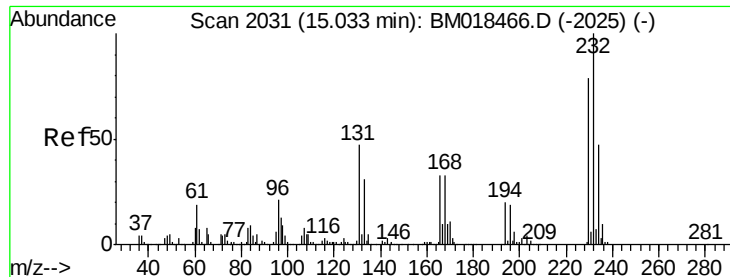
#58
Fluorene
Concen: 47.652 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:166 Resp: 4781603
Ion Ratio Lower Upper
166 100
165 98.2 78.3 117.5
167 13.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

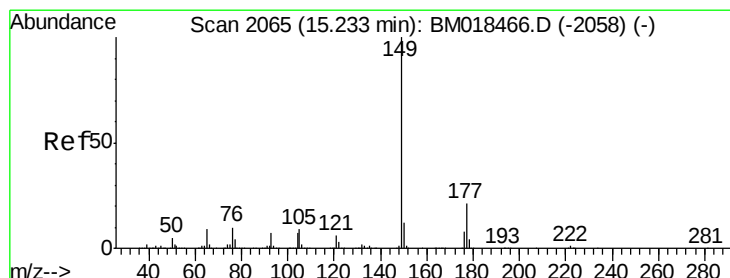
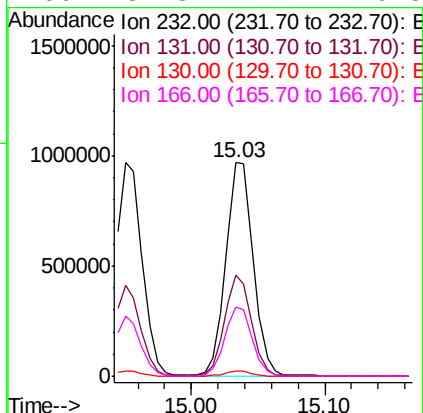
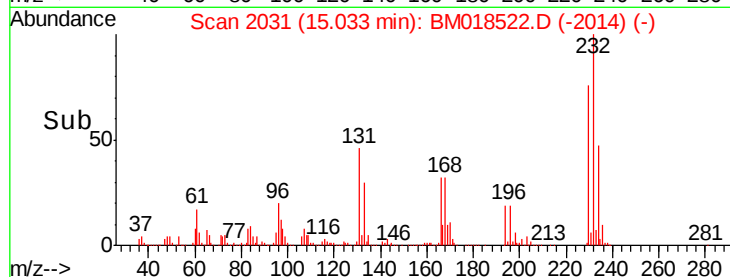
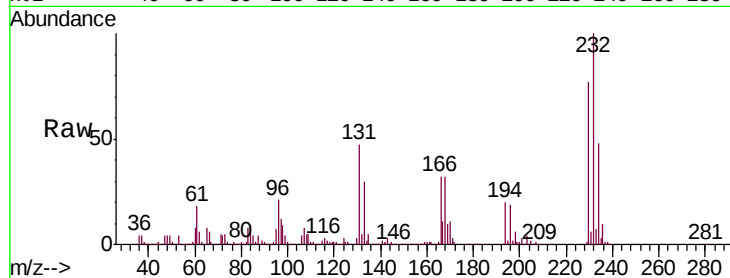




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.297 ng
RT: 15.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

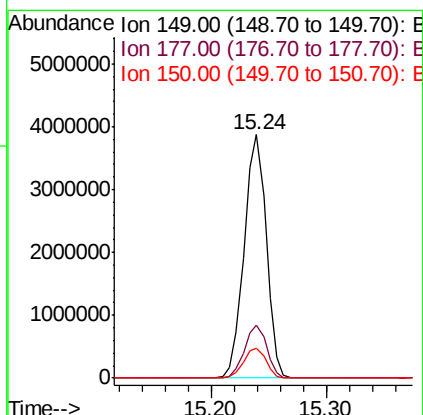
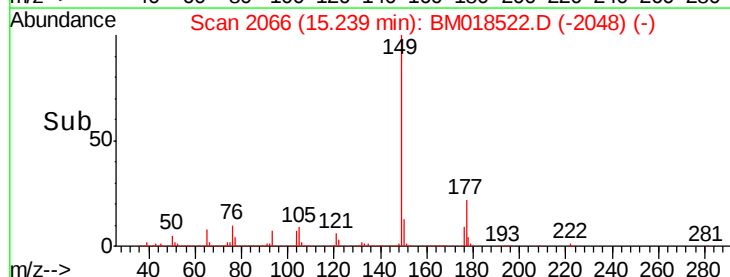
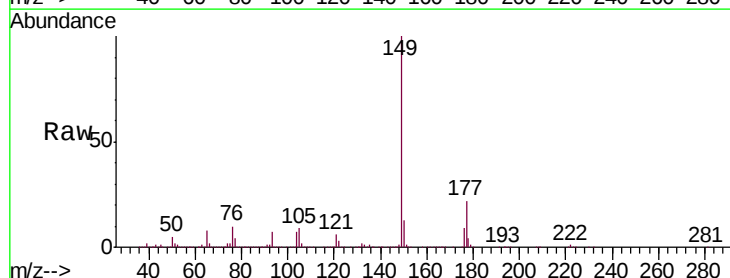
Instrument :
BNA_M
ClientSampled :
TP-16MS

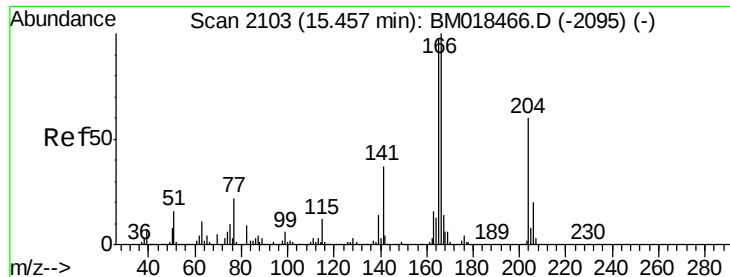
Tgt Ion:232 Resp: 1397953
Ion Ratio Lower Upper
232 100
131 46.3 38.6 57.8
130 2.6 2.2 3.4
166 32.3 27.2 40.8



#60
Diethylphthalate
Concen: 46.096 ng
RT: 15.24 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:149 Resp: 5160660
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.5 9.8 14.6

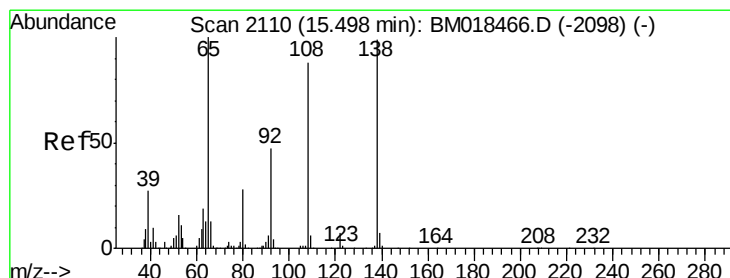
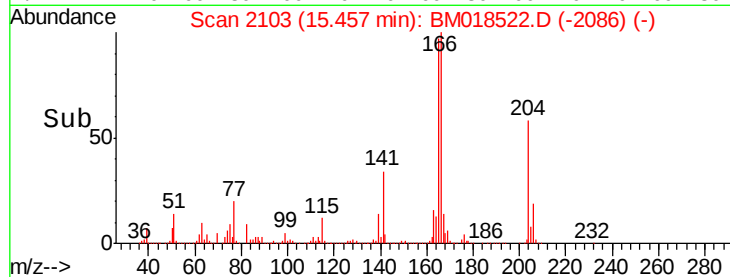
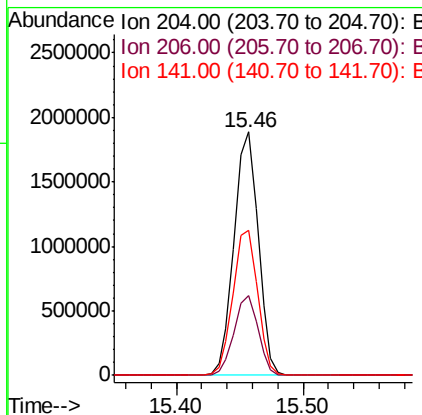
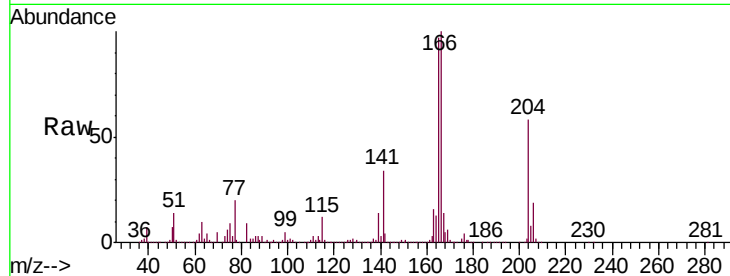




#61
4-Chlorophenyl-phenylether
Concen: 42.988 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

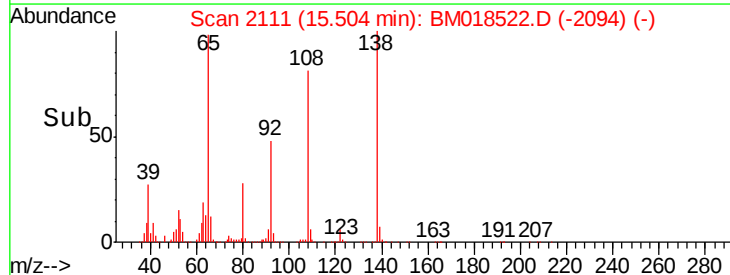
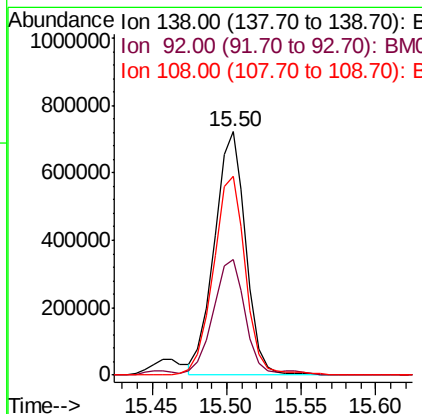
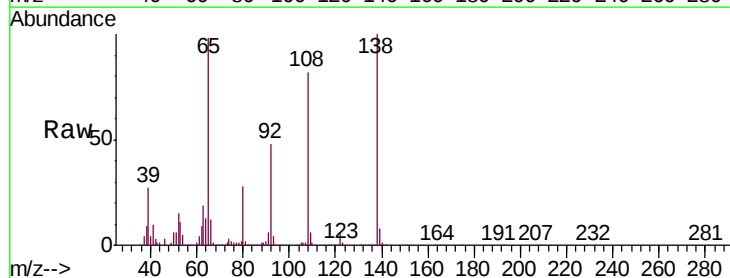
Instrument :
BNA_M
ClientSampled :
TP-16MS

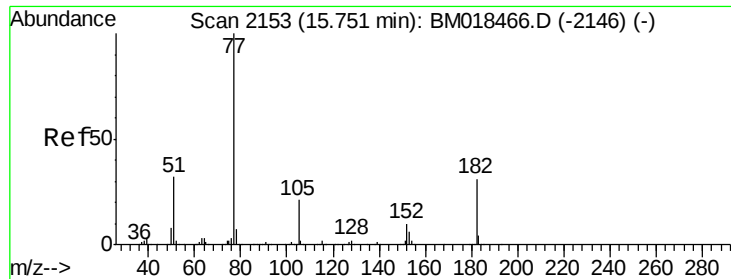
Tgt Ion:204 Resp: 2486141
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 59.5 49.5 74.3



#62
4-Nitroaniline
Concen: 40.829 ng
RT: 15.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:138 Resp: 1054676
Ion Ratio Lower Upper
138 100
92 47.7 29.0 69.0
108 81.5 63.9 103.9





#63

Azobenzene

Concen: 44.756 ng

RT: 15.75 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tgt Ion: 77 Resp: 4085204

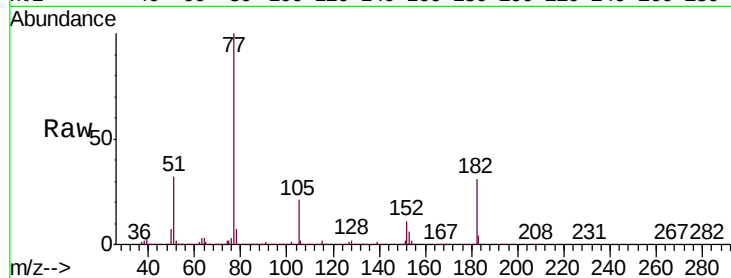
Ion Ratio Lower Upper

77 100

182 30.9 7.4 47.4

105 21.4 0.0 39.6

51 31.6 12.0 52.0

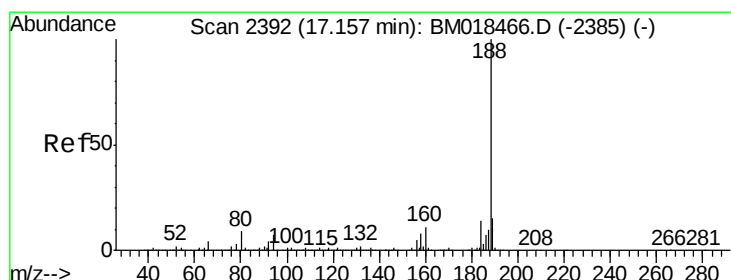
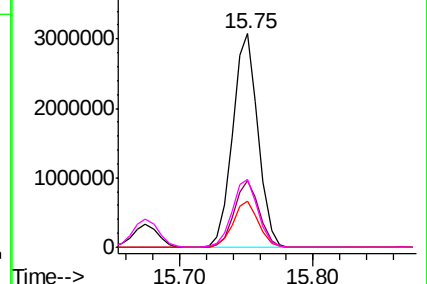
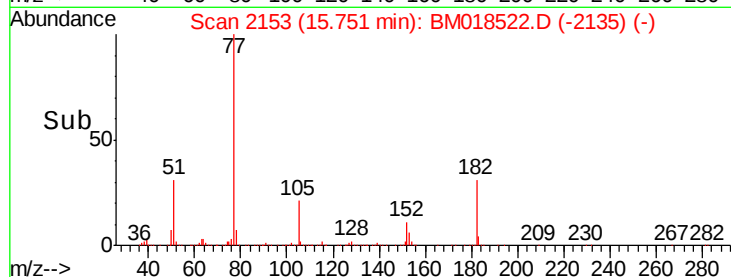


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

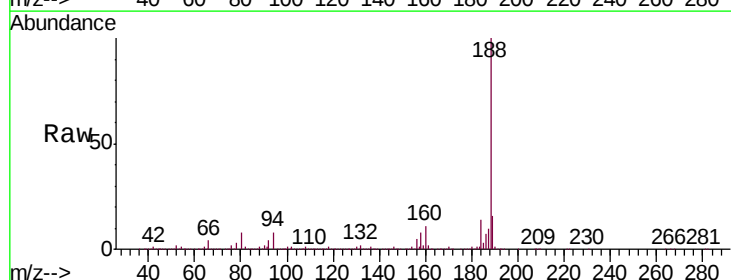
Tgt Ion: 188 Resp: 2975741

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

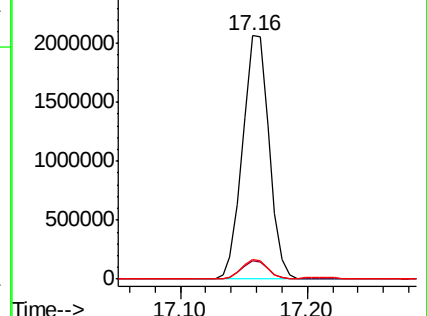
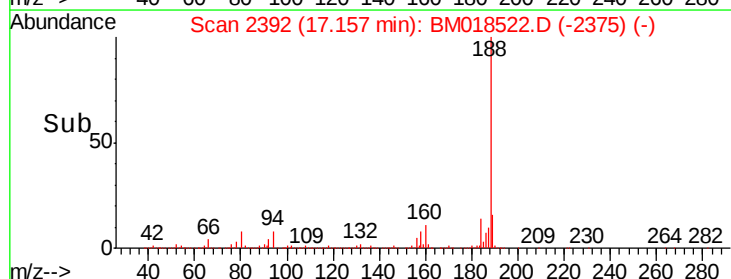
80 8.1 7.6 11.4

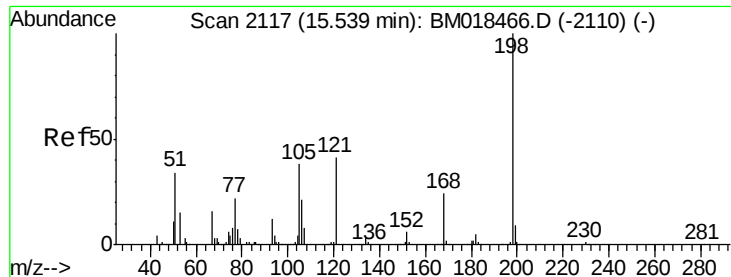


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

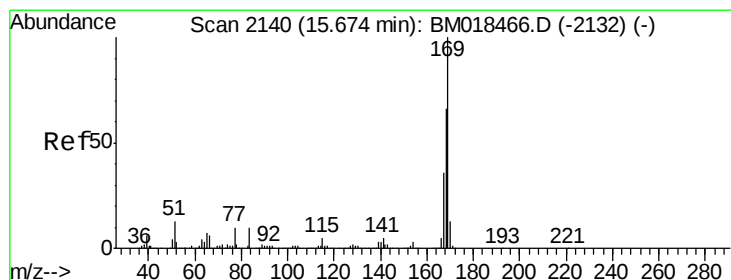
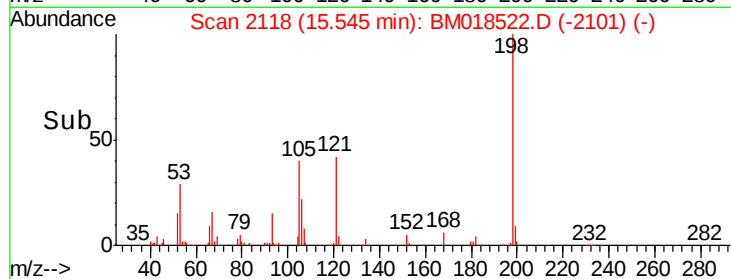
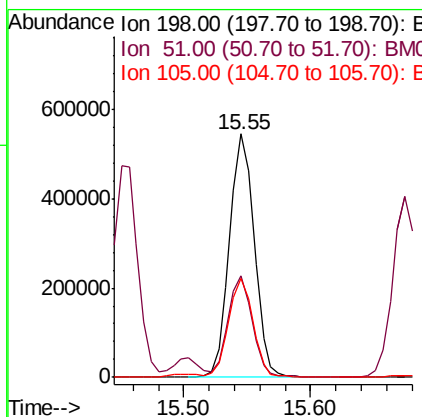
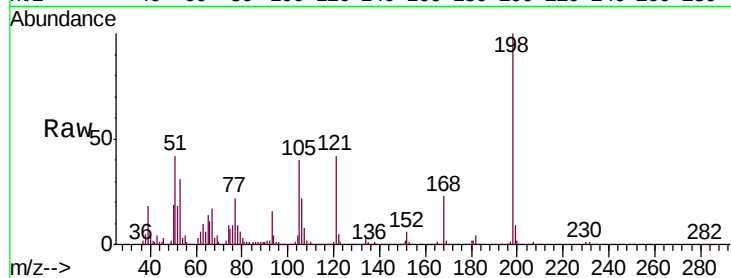




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.011 ng
 RT: 15.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

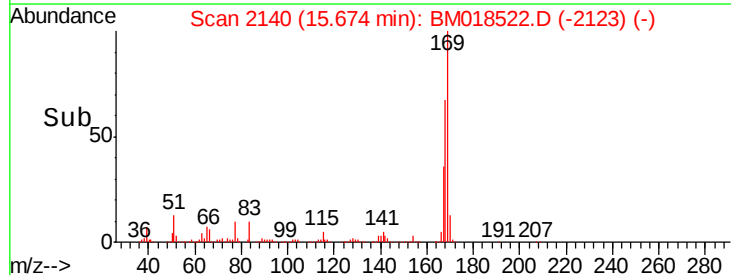
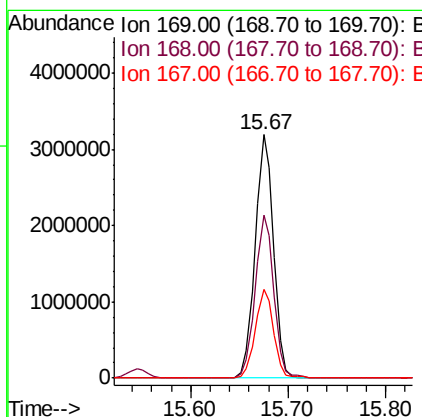
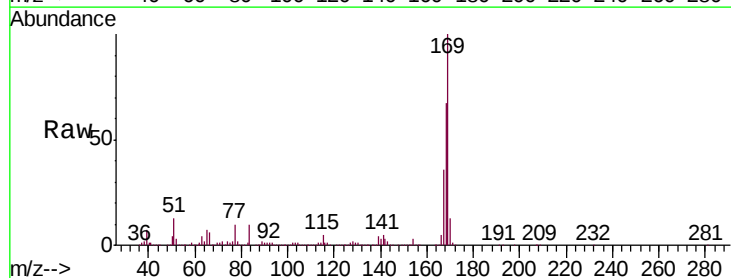
Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

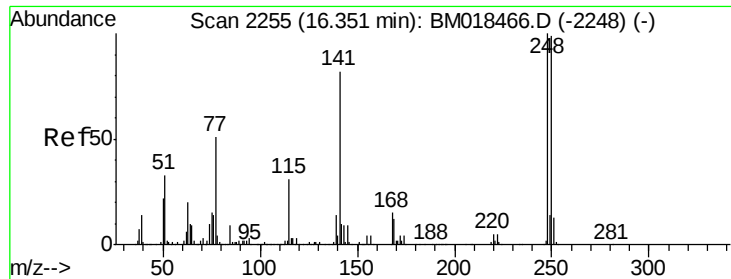
Tgt Ion:198 Resp: 739706
 Ion Ratio Lower Upper
 198 100
 51 41.6 29.6 69.6
 105 40.4 25.5 65.5



#66
 n-Nitrosodiphenylamine
 Concen: 46.113 ng
 RT: 15.67 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:169 Resp: 4256549
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.1 81.1
 167 36.2 28.6 42.8

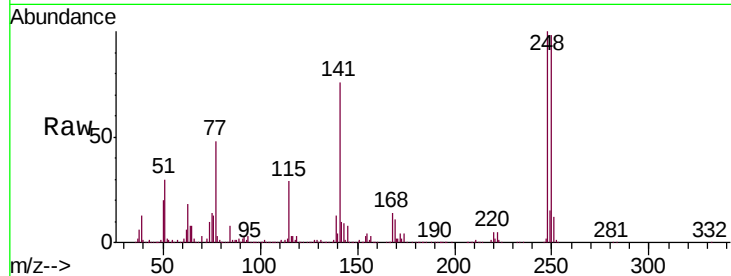




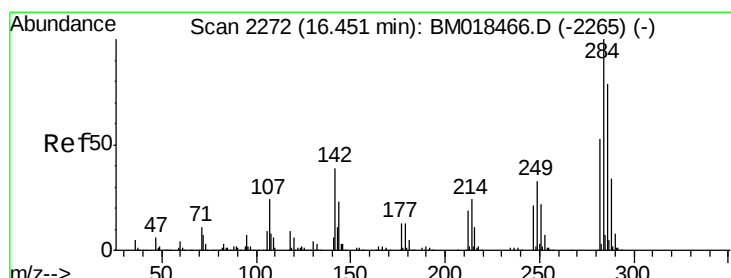
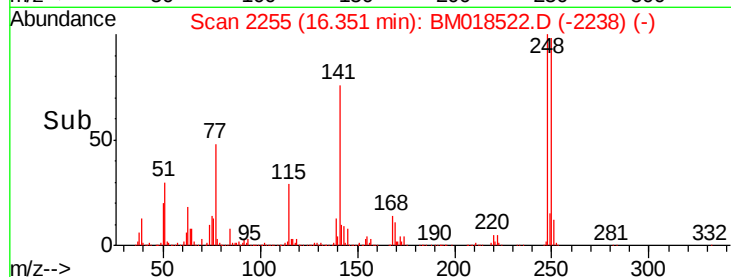
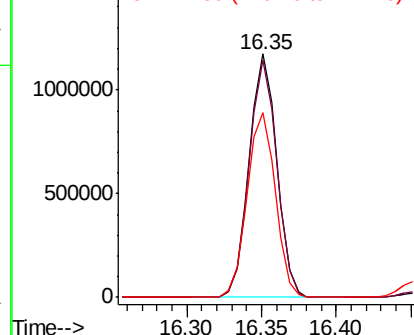
#67
4-Bromophenyl-phenylether
Concen: 45.103 ng
RT: 16.35 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion:248 Resp: 1501955
Ion Ratio Lower Upper
248 100
250 97.7 76.0 114.0
141 76.0 61.5 92.3

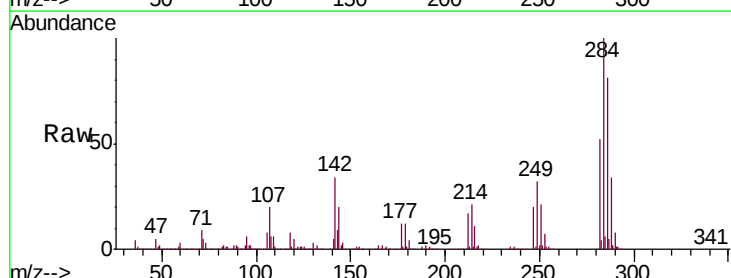


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

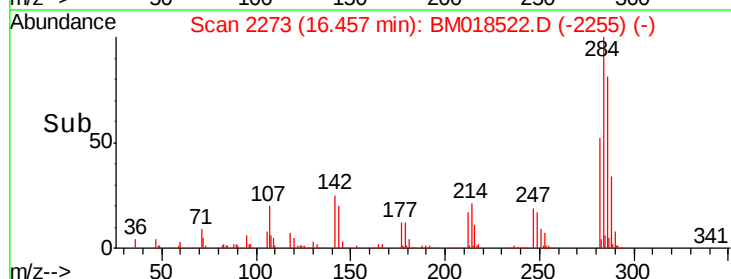
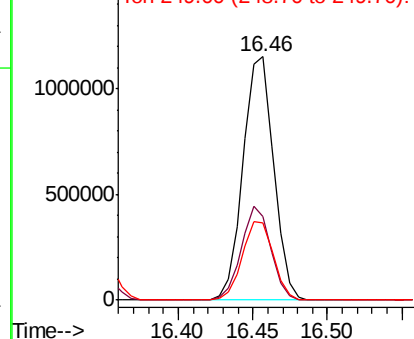


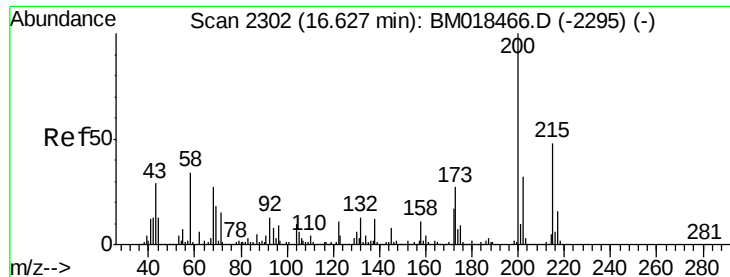
#68
Hexachlorobenzene
Concen: 44.043 ng
RT: 16.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:284 Resp: 1641880
Ion Ratio Lower Upper
284 100
142 34.2 29.2 43.8
249 31.9 26.1 39.1



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: 46.872 ng

RT: 16.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

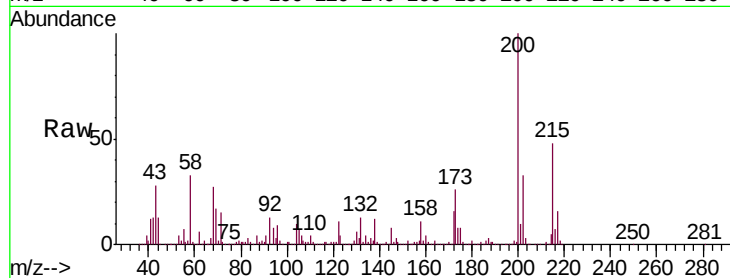
Tgt Ion:200 Resp: 1564132

Ion Ratio Lower Upper

200 100

173 25.9 7.2 47.2

215 48.1 28.3 68.3

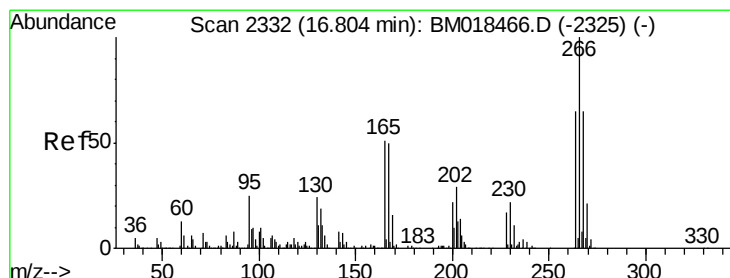
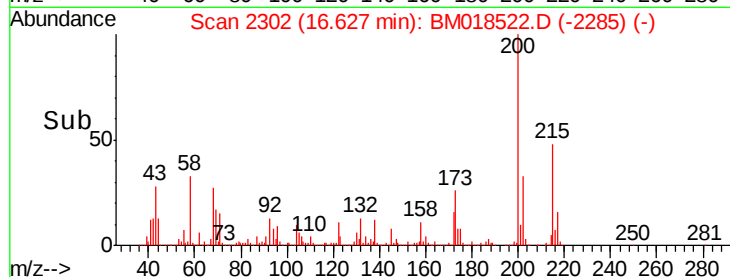
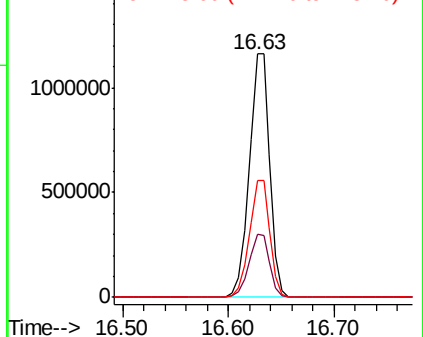


Abundance

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: 85.449 ng

RT: 16.81 min Scan# 2333

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

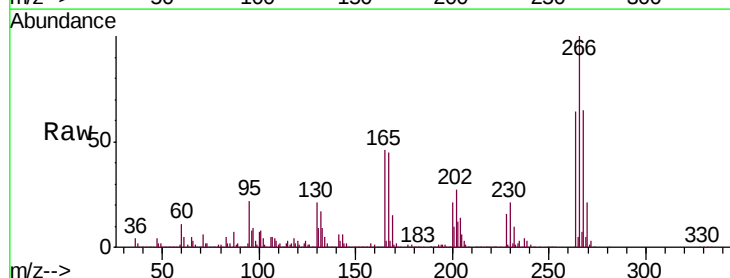
Tgt Ion:266 Resp: 2086223

Ion Ratio Lower Upper

266 100

268 65.0 49.8 74.6

264 63.7 50.1 75.1

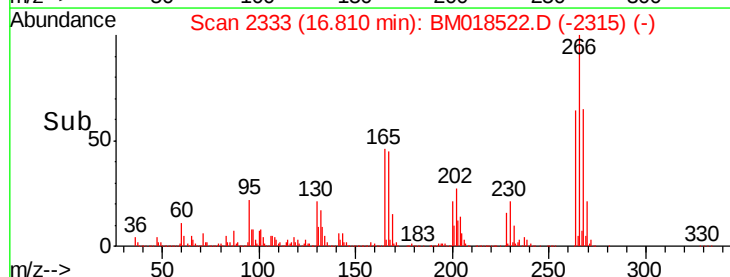
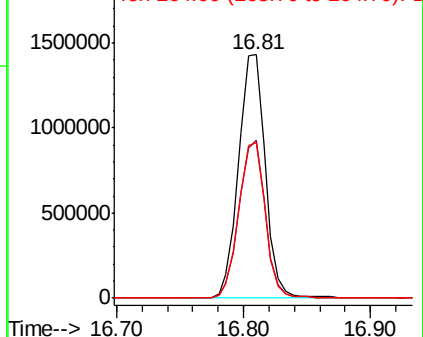


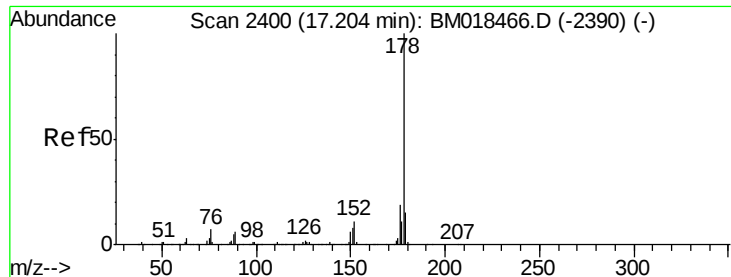
Abundance

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

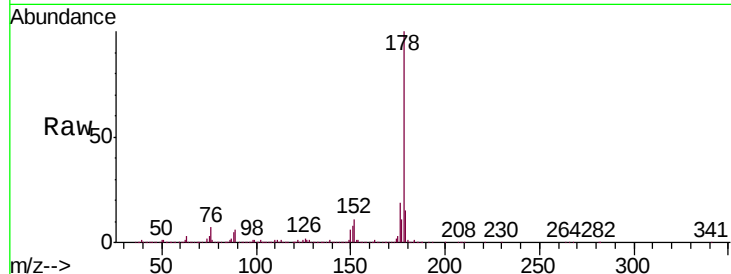




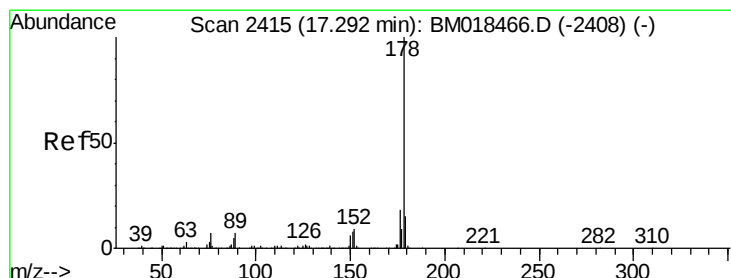
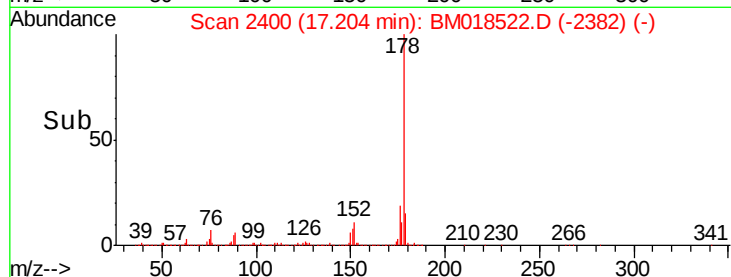
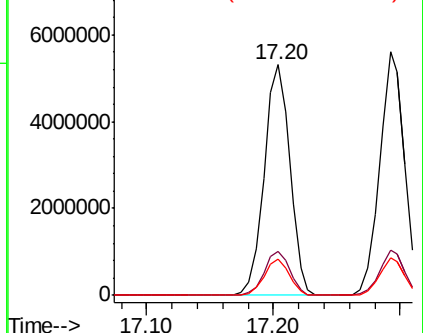
#71
Phenanthrene
Concen: 47.266 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion:178 Resp: 7481258
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.2 18.4

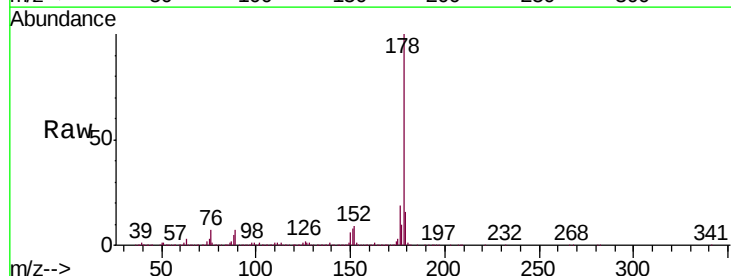


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

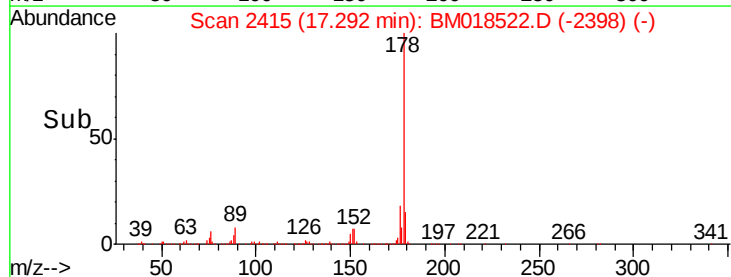
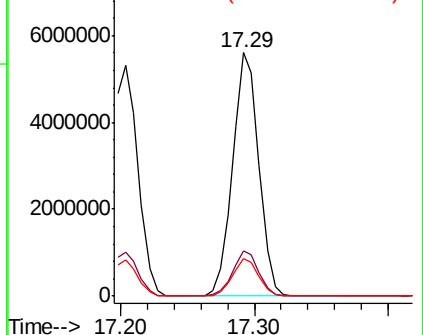


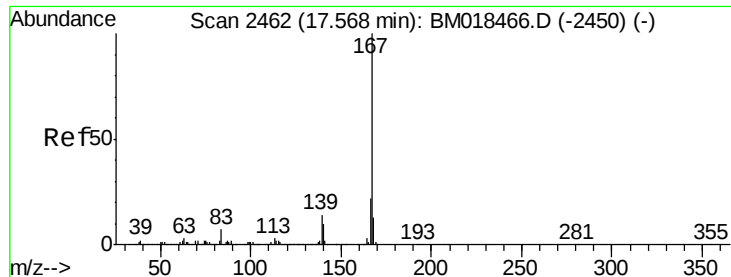
#72
Anthracene
Concen: 50.098 ng
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:178 Resp: 7624990
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

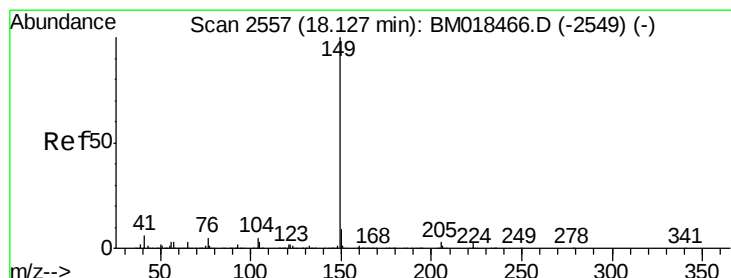
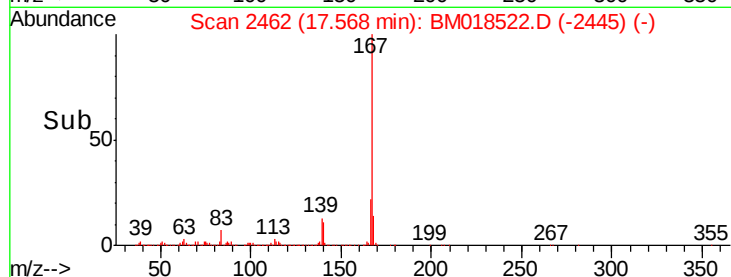
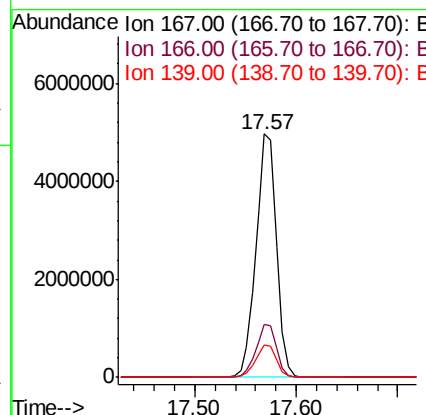
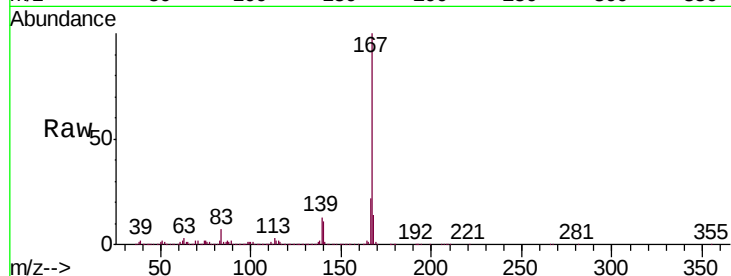




#73
 Carbazole
 Concen: 44.456 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

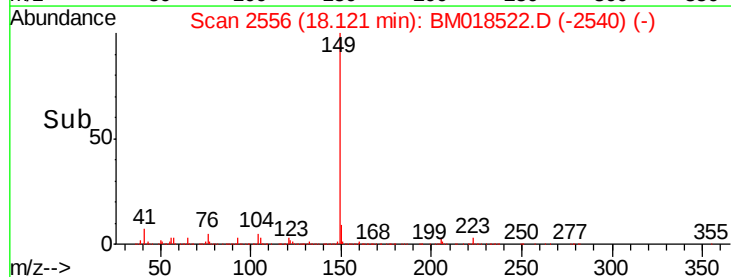
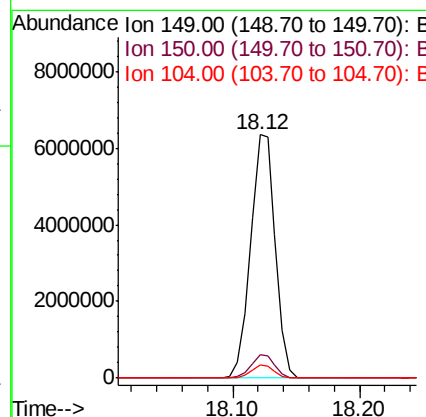
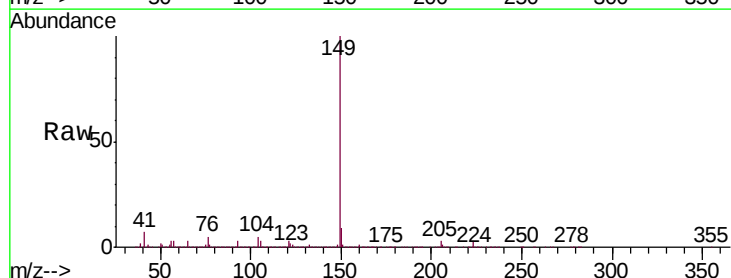
Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

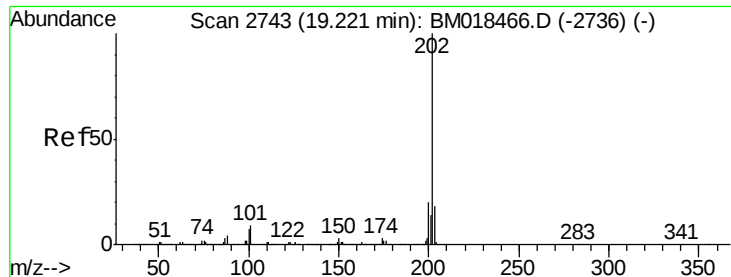
Tgt Ion:167 Resp: 6951689
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 49.871 ng
 RT: 18.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:149 Resp: 8542173
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 47.139 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

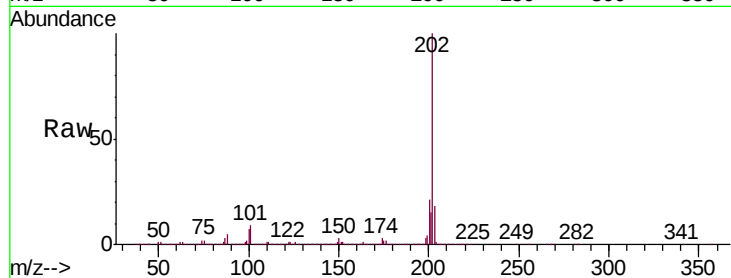
Tgt Ion:202 Resp: 8602103

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.9

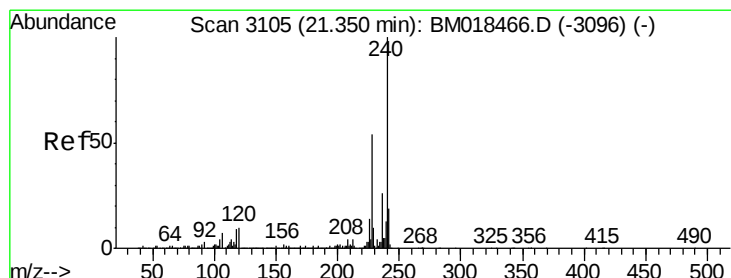
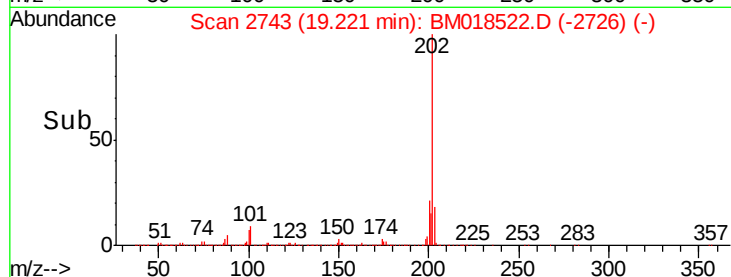
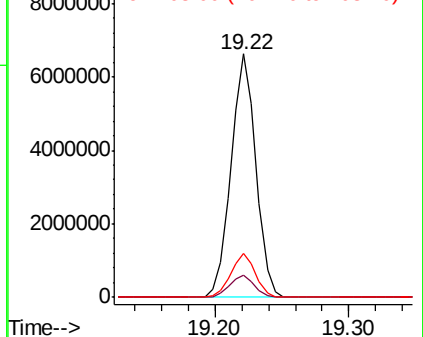
203 17.9 0.0 37.4



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: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

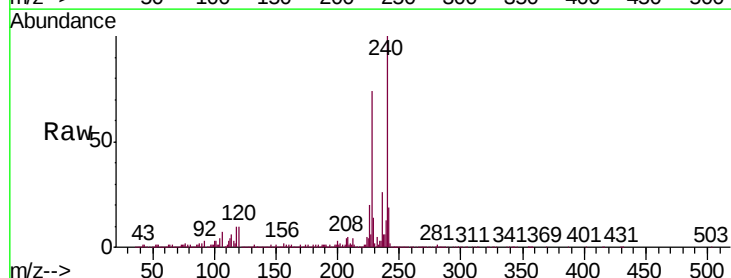
Tgt Ion:240 Resp: 2854501

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

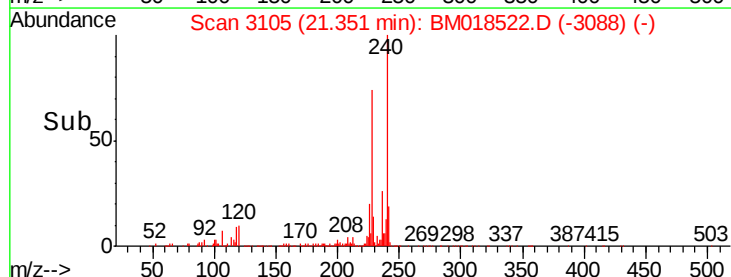
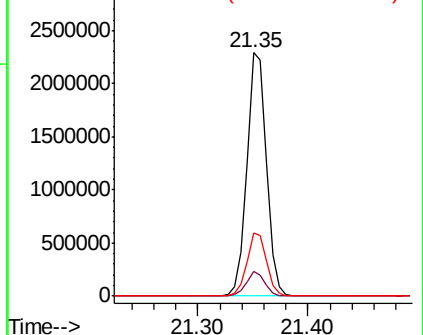
236 26.0 20.7 31.1

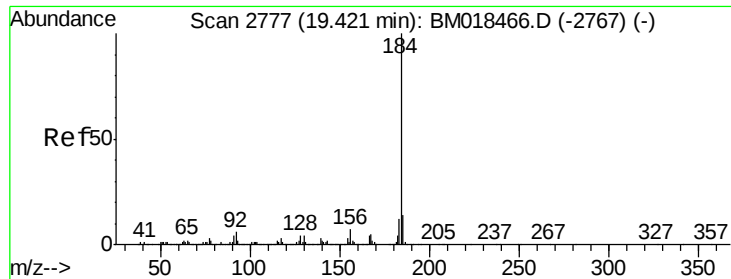


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

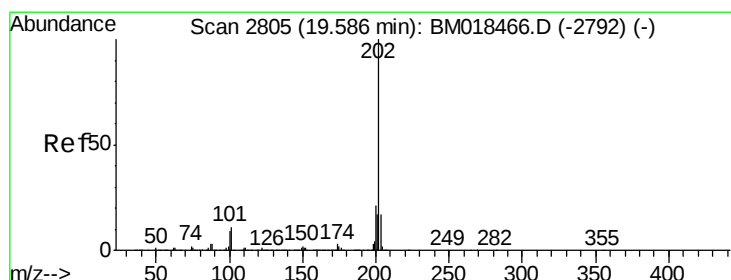
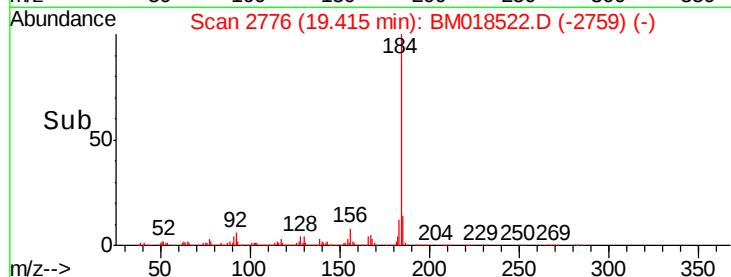
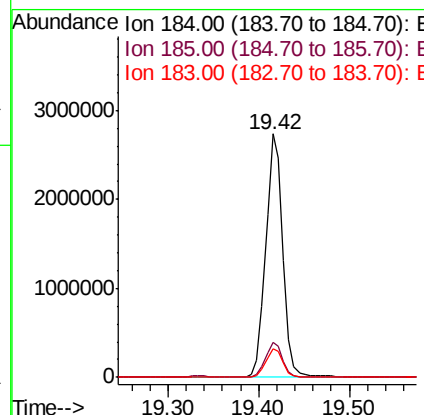
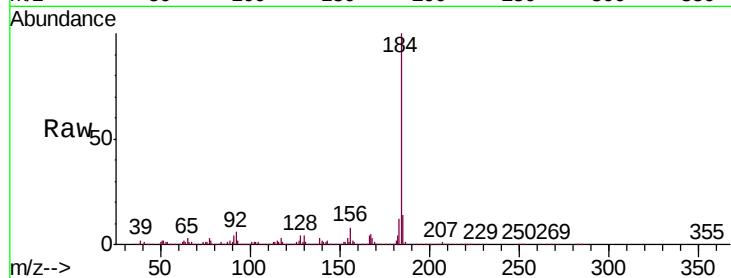




#77
Benzidine
Concen: 50.701 ng
RT: 19.42 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

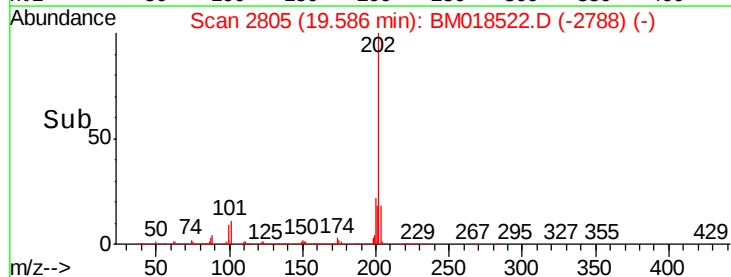
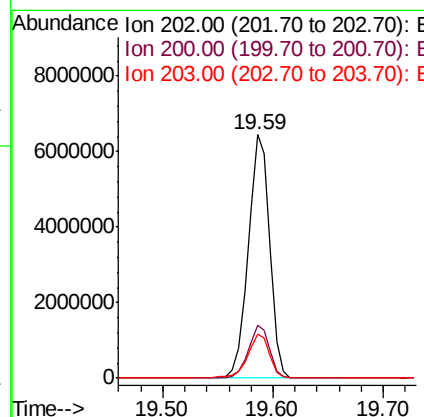
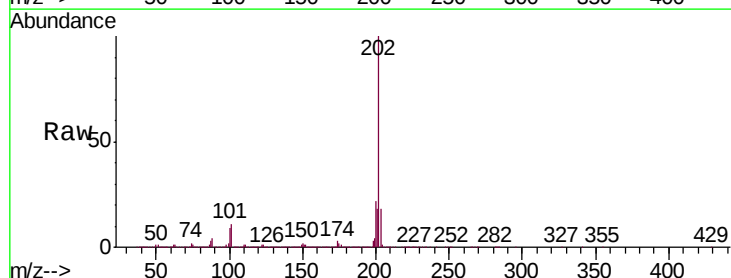
Instrument :
BNA_M
ClientSampleId :
TP-16MS

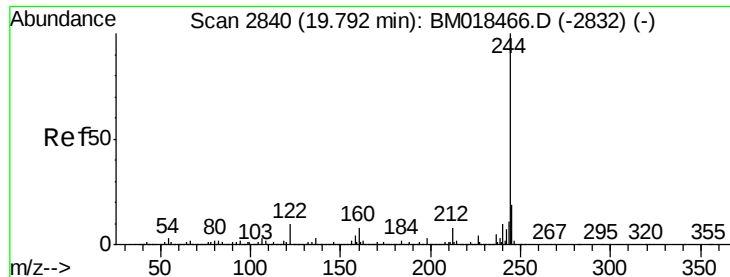
Tgt Ion:184 Resp: 3573526
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.8 9.5 14.3



#78
Pyrene
Concen: 51.745 ng
RT: 19.59 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:202 Resp: 8755238
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 90.400 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

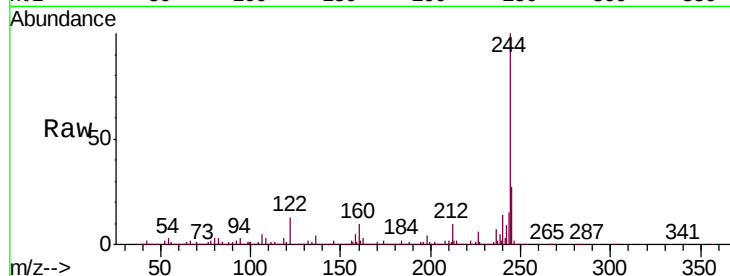
Tgt Ion:244 Resp:12241098

Ion Ratio Lower Upper

244 100

212 10.5 5.9 8.9#

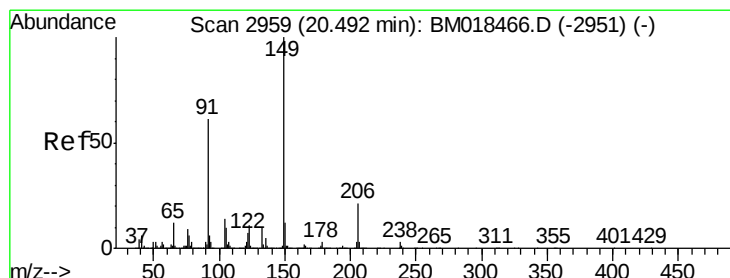
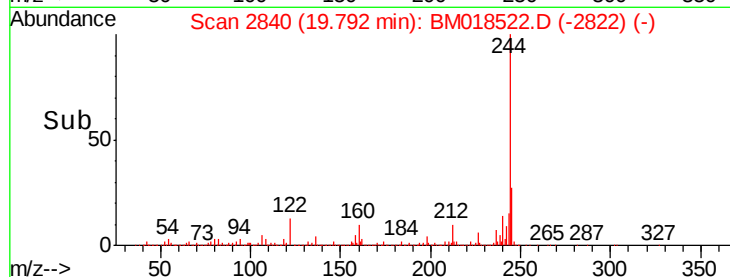
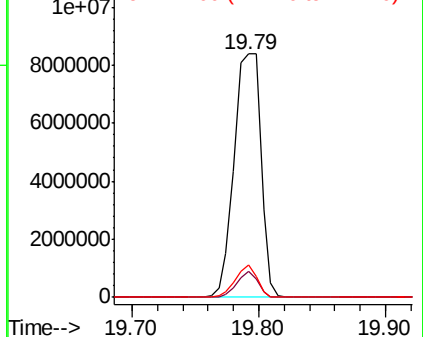
122 13.3 9.0 13.4



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: 54.703 ng

RT: 20.49 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

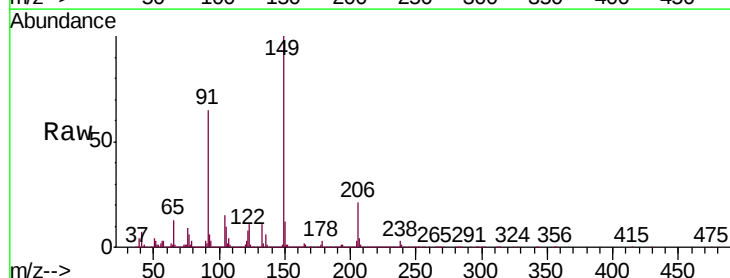
Tgt Ion:149 Resp: 3949522

Ion Ratio Lower Upper

149 100

91 65.2 53.1 79.7

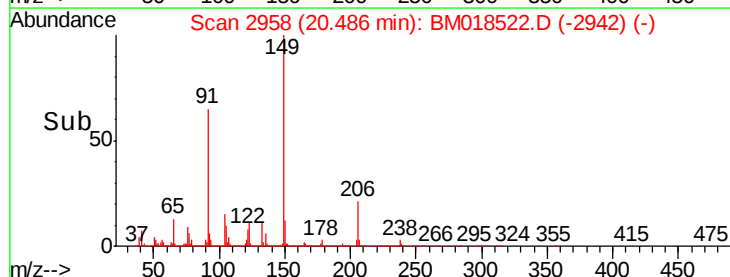
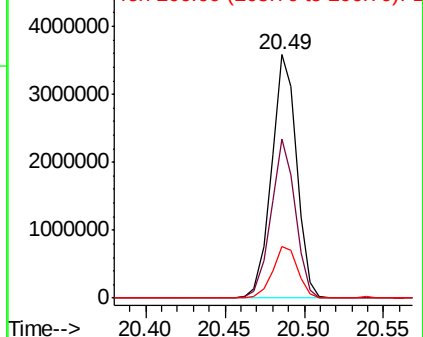
206 21.2 16.2 24.4

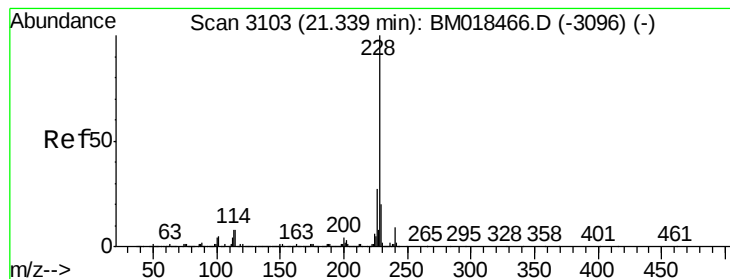


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.620 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

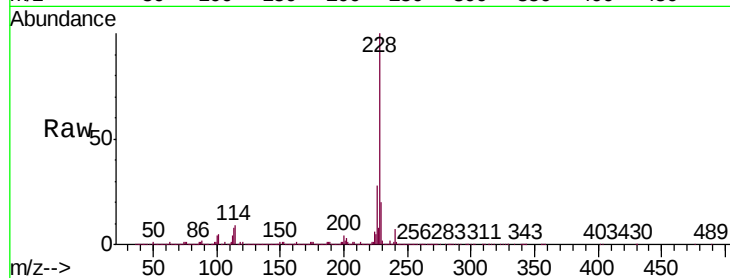
Tgt Ion:228 Resp: 8176147

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

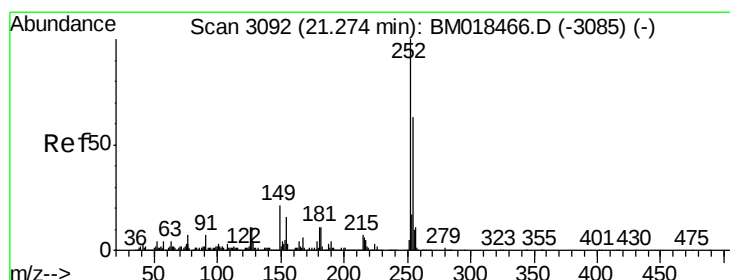
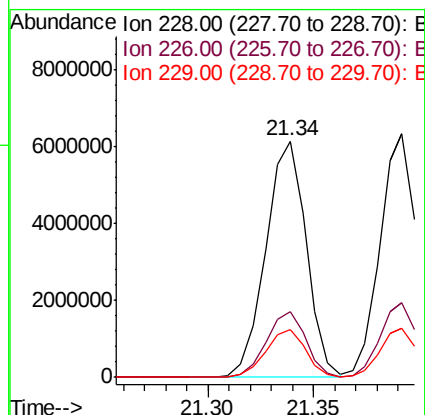
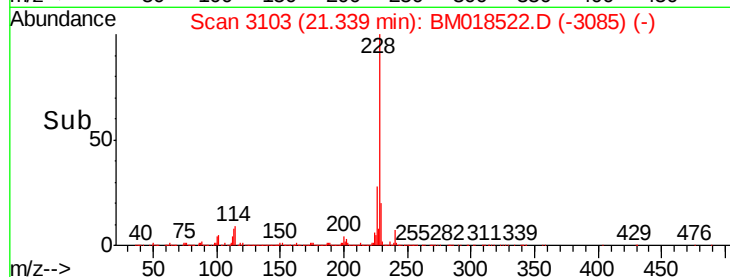
229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.065 ng

RT: 21.27 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

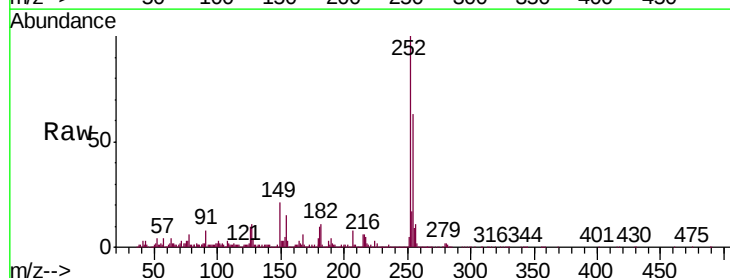
Tgt Ion:252 Resp: 1148769

Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.0

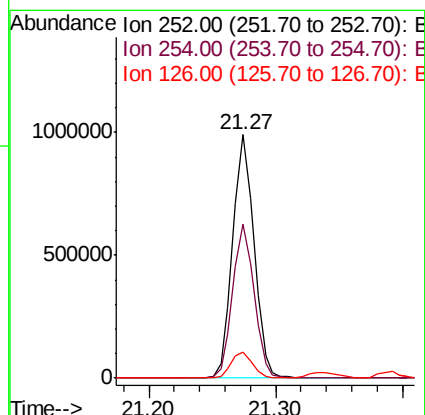
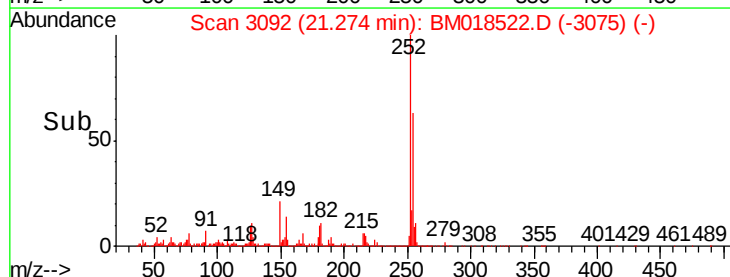
126 10.5 8.7 13.1

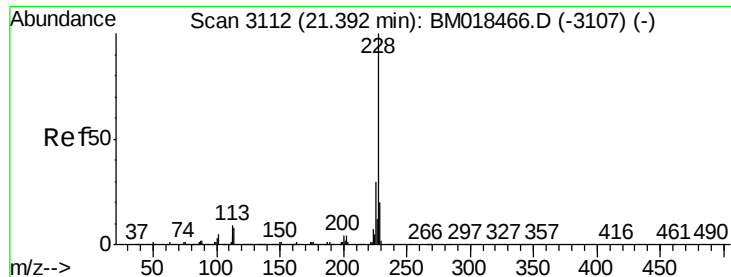


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

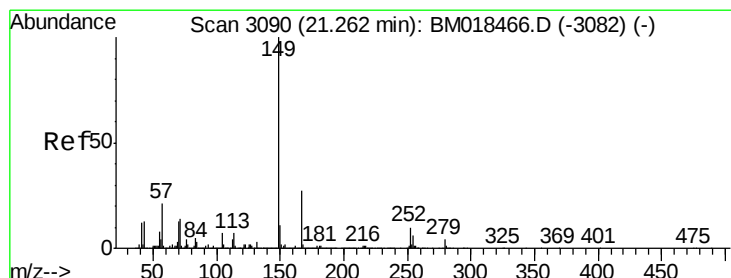
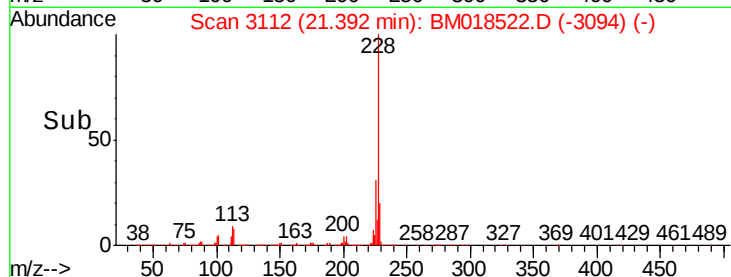
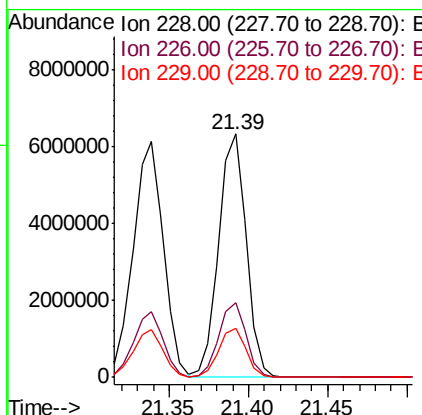
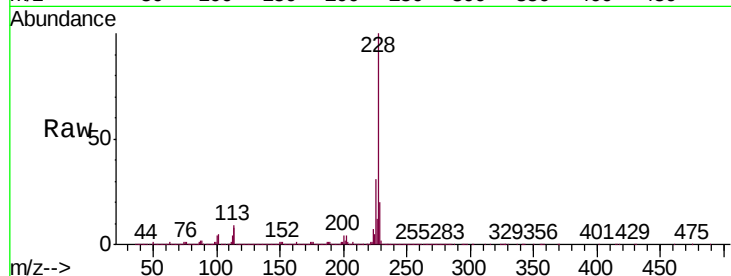




#83
Chrysene
Concen: 47.029 ng
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

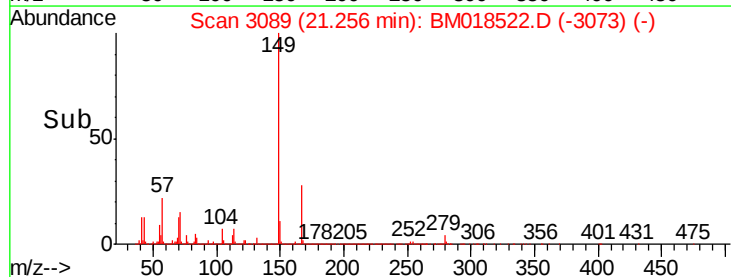
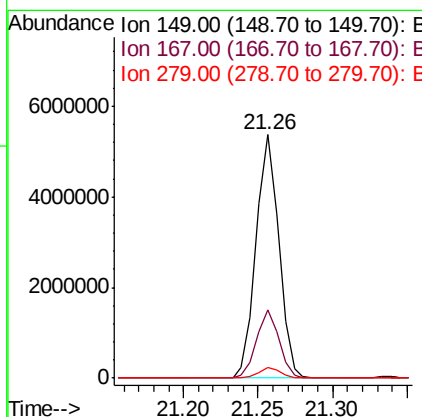
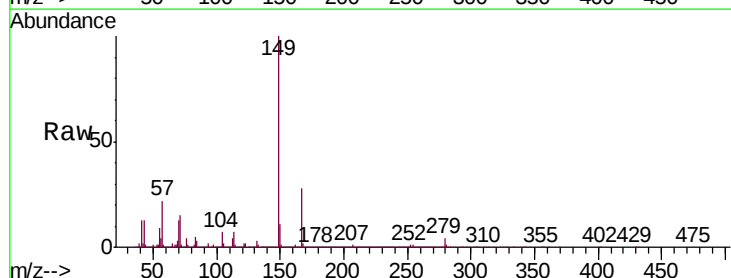
Instrument :
BNA_M
ClientSampleId :
TP-16MS

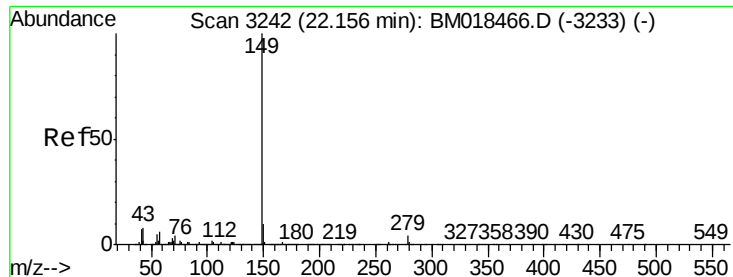
Tgt Ion:228 Resp: 7636833
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 20.2 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.911 ng
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:149 Resp: 5620555
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.388 ng

RT: 22.15 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

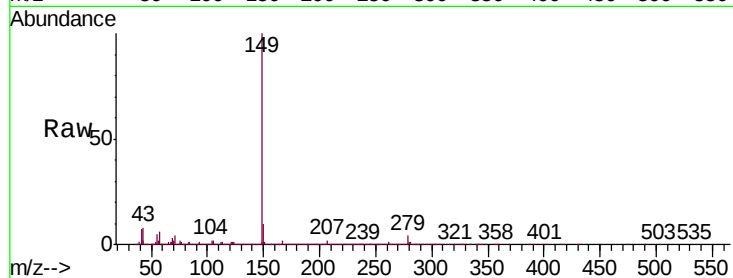
Tgt Ion:149 Resp: 9186321

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

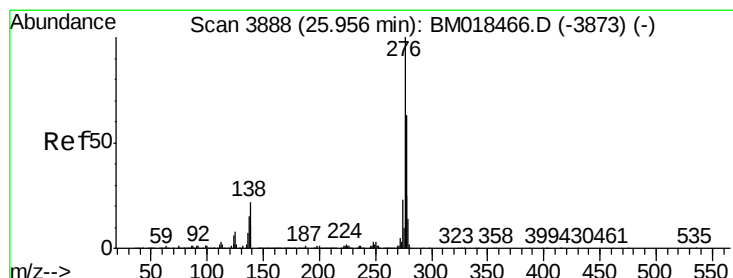
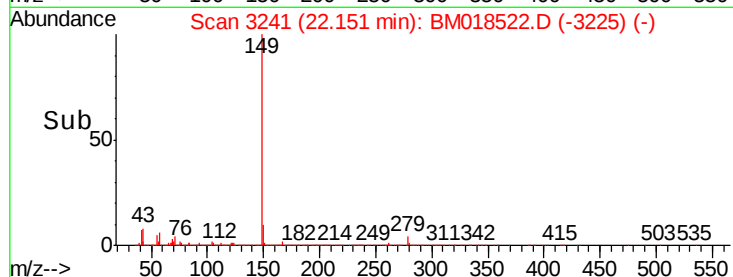
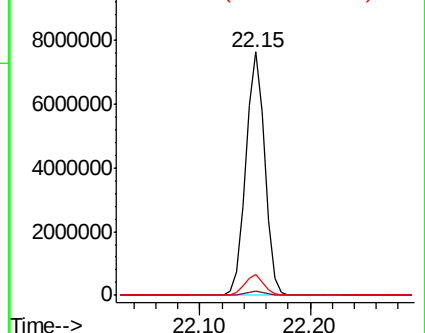
43 8.4 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

1e+07 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.314 ng

RT: 25.97 min Scan# 3890

Delta R.T. 0.02 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

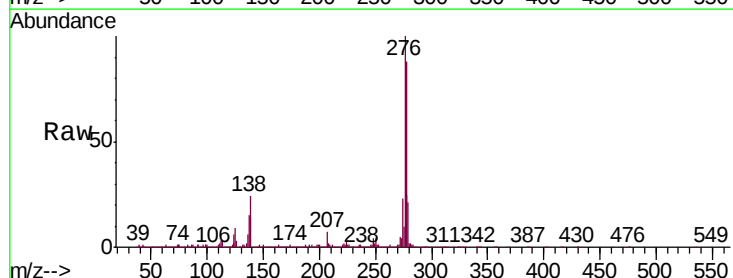
Tgt Ion:276 Resp: 6987044

Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

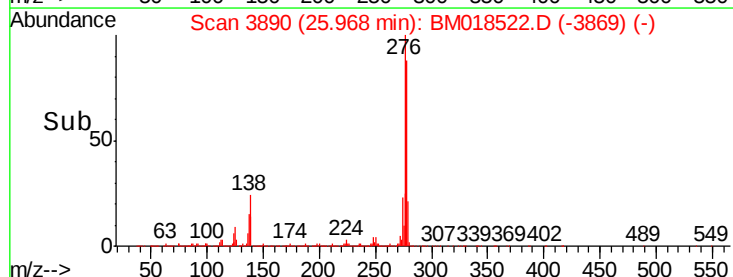
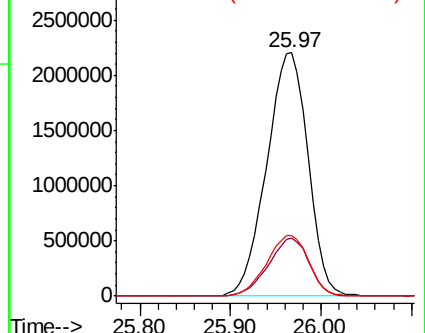
277 25.2 20.2 30.2

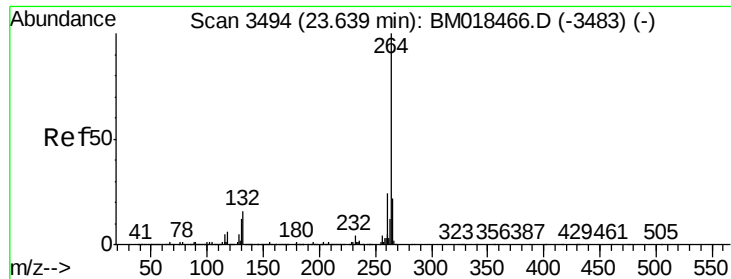


Abundance Ion 276.00 (275.70 to 276.70): E

3000000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



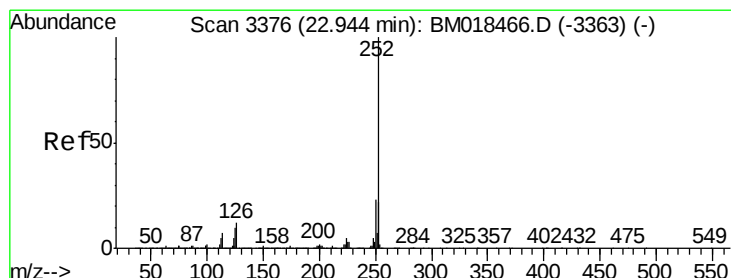
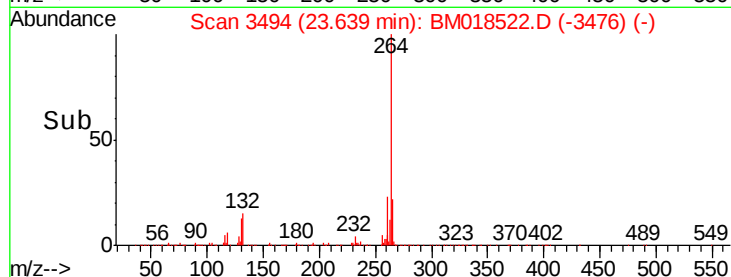
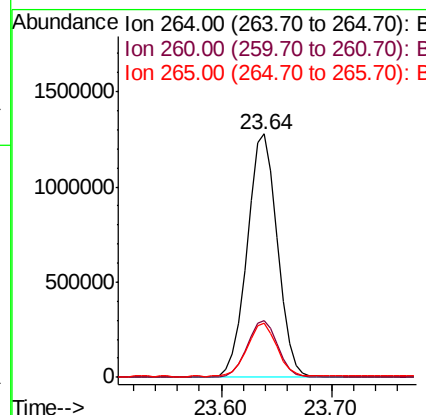
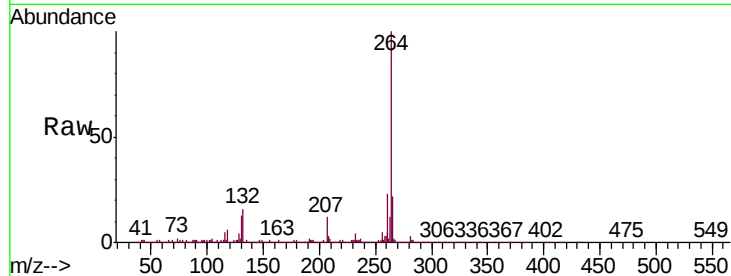


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tgt Ion:264 Resp: 2461409

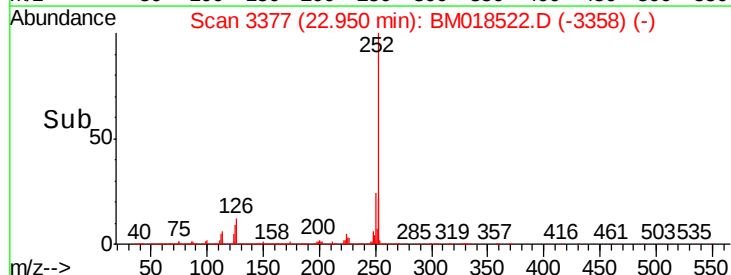
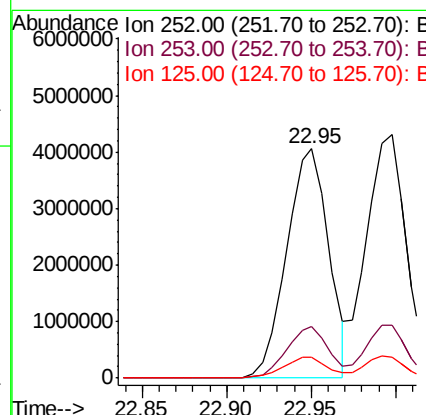
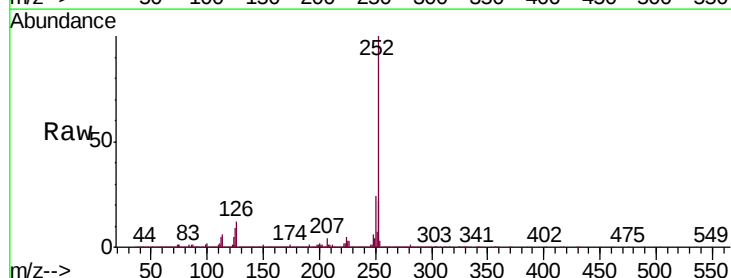
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.1	16.8	25.2

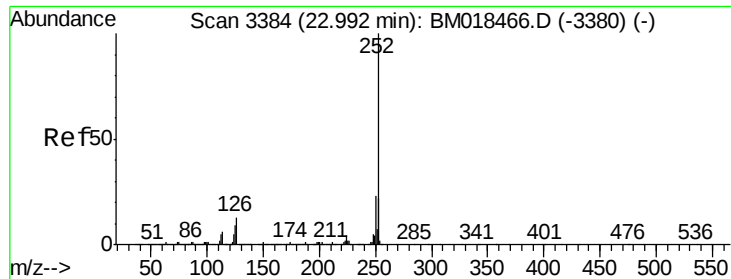


#88
Benzo(b)fluoranthene
Concen: 50.128 ng
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:252 Resp: 7004837

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.9	8.5	12.7

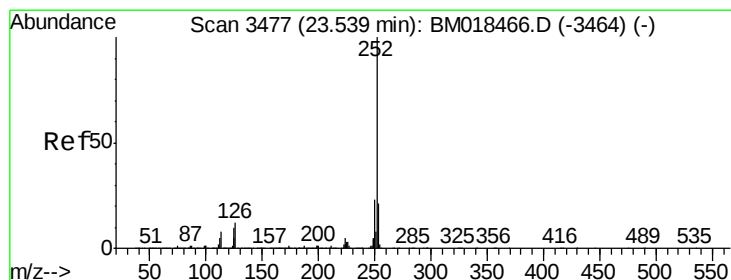
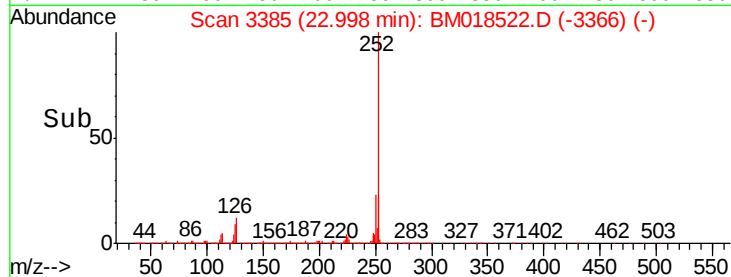
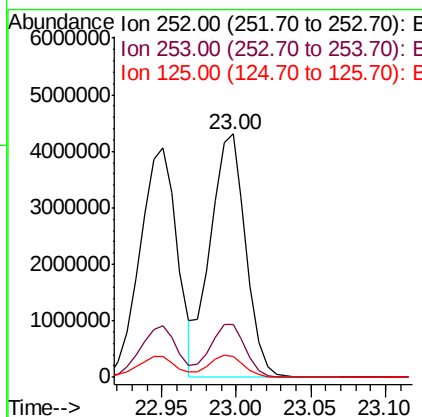
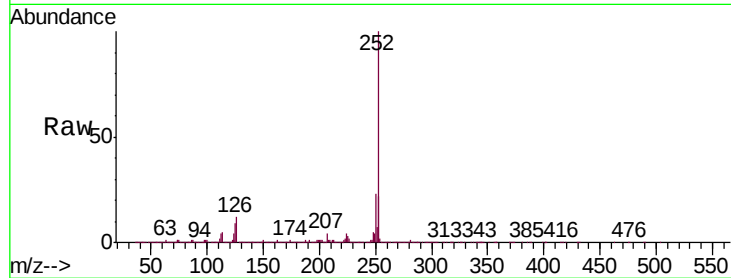




#89
Benzo(k)fluoranthene
Concen: 50.418 ng
RT: 23.00 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

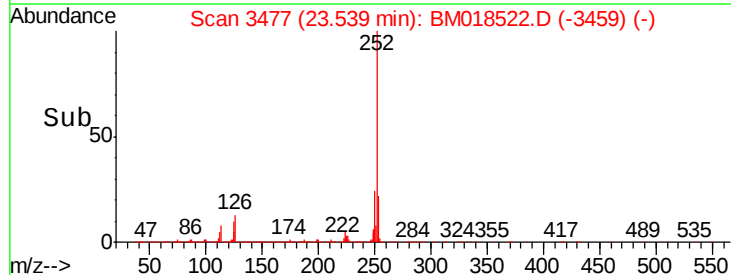
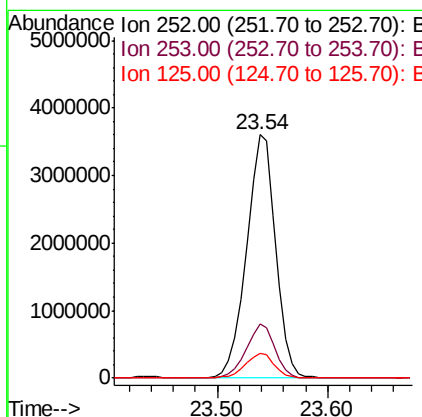
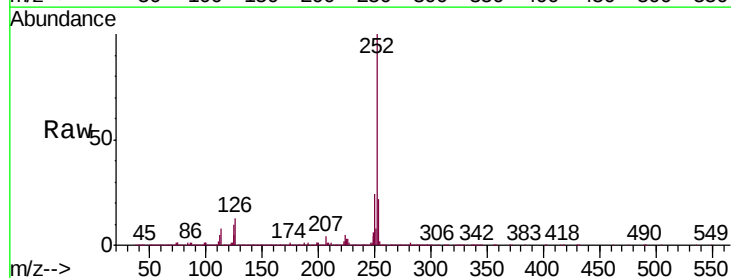
Instrument :
BNA_M
ClientSampleId :
TP-16MS

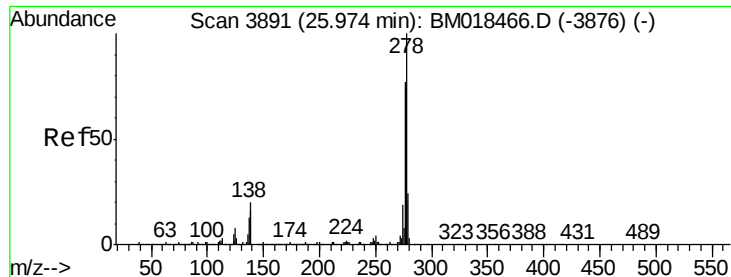
Tgt Ion:252 Resp: 7100250
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 49.760 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:252 Resp: 6656957
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 43.547 ng

RT: 25.98 min Scan# 3892

Delta R.T. 0.02 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

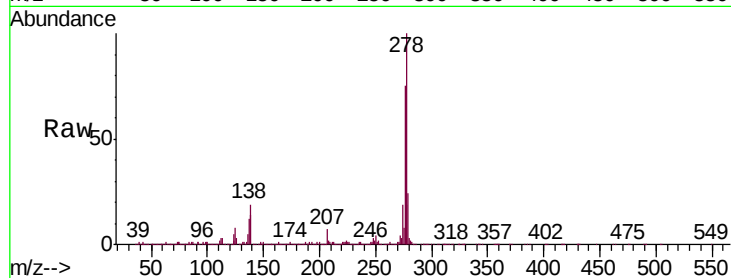
Tgt Ion:278 Resp: 5902955

Ion Ratio Lower Upper

278 100

139 14.4 13.2 19.8

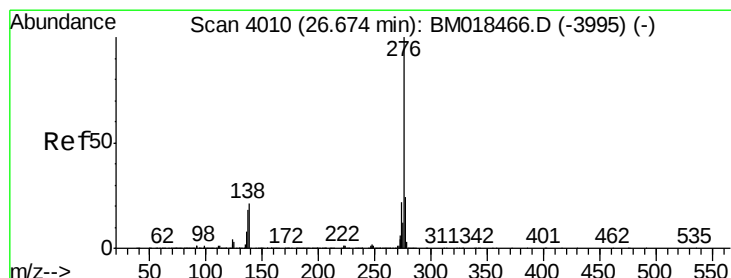
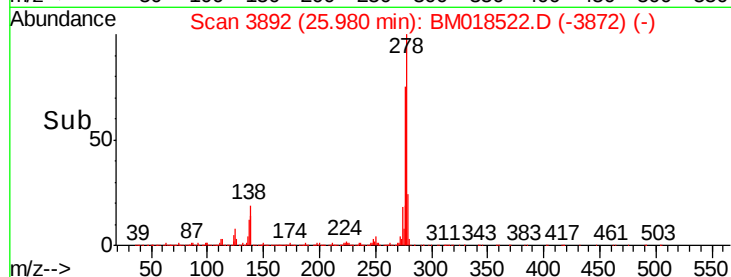
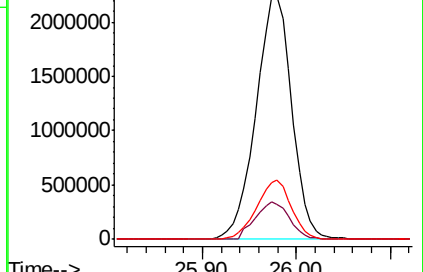
279 24.2 19.0 28.4



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: 43.021 ng

RT: 26.68 min Scan# 4011

Delta R.T. 0.02 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

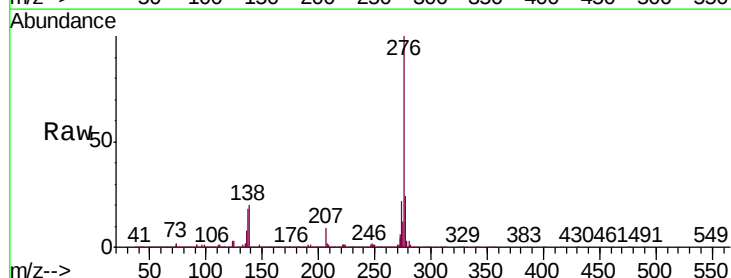
Tgt Ion:276 Resp: 5674927

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.4 18.1 27.1



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

