

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018548.D
 Acq On : 11 Jan 2019 23:20
 Operator : JU/SJ
 Sample : PB116317BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 12 01:07:20 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	264022	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1181183	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	740931	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1892480	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2463624	20.00	ng	0.00
87) Perylene-d12	23.63	264	2977782	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1754184	122.68	ng	0.00
7) Phenol-d6	6.93	99	2340809	128.89	ng	0.00
23) Nitrobenzene-d5	8.92	82	1363199	66.90	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1157568	122.70	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3697143	65.11	ng	0.00
79) Terphenyl-d14	19.79	244	7215819	61.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	132633	22.759	ng	94
3) Pyridine	3.68	79	393033	27.051	ng	94
4) n-Nitrosodimethylamine	3.60	42	212577	35.382	ng	# 92
6) Aniline	7.09	93	258199	12.745	ng	100
8) 2-Chlorophenol	7.32	128	684977	41.018	ng	95
9) Benzaldehyde	6.91	77	184723	14.908	ng	94
10) Phenol	6.96	94	781076	42.325	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	503441	34.719	ng	96
12) 1,3-Dichlorobenzene	7.64	146	642087	32.286	ng	98
13) 1,4-Dichlorobenzene	7.79	146	662567	32.870	ng	98
14) 1,2-Dichlorobenzene	8.10	146	646953	33.848	ng	99
15) Benzyl Alcohol	8.00	79	546041	41.629	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.28	45	625026	33.729	ng	94
17) 2-Methylphenol	8.20	107	544836	43.494	ng	99
18) Hexachloroethane	8.82	117	232464	32.345	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	431421	36.503	ng	94
20) 3+4-Methylphenols	8.53	107	750886	43.422	ng	99
22) Acetophenone	8.58	105	901034	30.837	ng	# 97
24) Nitrobenzene	8.96	77	654146	32.629	ng	96
25) Isophorone	9.48	82	1203166	38.995	ng	98
26) 2-Nitrophenol	9.67	139	363287	37.476	ng	95
27) 2,4-Dimethylphenol	9.72	122	620313	42.692	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	737530	34.602	ng	99
29) 2,4-Dichlorophenol	10.20	162	688095	39.770	ng	97
30) 1,2,4-Trichlorobenzene	10.40	180	669625	31.181	ng	99
31) Naphthalene	10.60	128	2005930	35.262	ng	98
32) Benzoic acid	9.85	122	372353	39.407	ng	98
33) 4-Chloroaniline	10.72	127	231220	10.321	ng	98
34) Hexachlorobutadiene	10.86	225	397383	29.290	ng	97
35) Caprolactam	11.52	113	132143	22.464	ng	# 88
36) 4-Chloro-3-methylphenol	11.85	107	738820	40.702	ng	99
37) 2-Methylnaphthalene	12.21	142	1530313	38.075	ng	99
38) 1-Methylnaphthalene	12.43	142	1475267	37.935	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	799571	30.860	ng	99

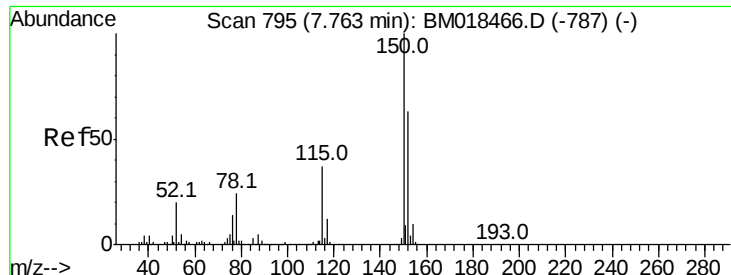
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018548.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	929200	65.344	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	581868	36.981	ng	98
44) 2,4,5-Trichlorophenol	12.90	196	629770	38.058	ng	98
46) 1,1'-Biphenyl	13.23	154	2020552	31.232	ng	98
47) 2-Chloronaphthalene	13.27	162	1586137	31.617	ng	99
48) 2-Nitroaniline	13.49	65	459328	37.215	ng	90
49) Acenaphthylene	14.13	152	2652723	36.284	ng	100
50) Dimethylphthalate	13.86	163	2144490	35.242	ng	99
51) 2,6-Dinitrotoluene	13.99	165	475704	36.906	ng	92
52) Acenaphthene	14.47	154	1530170	34.206	ng	97
53) 3-Nitroaniline	14.32	138	191259	14.718	ng	95
54) 2,4-Dinitrophenol	14.53	184	528112	76.073	ng	92
55) Dibenzofuran	14.80	168	2502781	33.862	ng	99
56) 4-Nitrophenol	14.64	139	959965	85.511	ng	96
57) 2,4-Dinitrotoluene	14.78	165	702667	38.529	ng	96
58) Fluorene	15.46	166	2081625	37.807	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	604572	41.218	ng	98
60) Diethylphthalate	15.23	149	2216757	36.086	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	1047654	33.014	ng	99
62) 4-Nitroaniline	15.49	138	508524	35.877	ng	97
63) Azobenzene	15.74	77	1734761	34.637	ng	95
65) 4,6-Dinitro-2-methylphenol	15.54	198	366035	32.328	ng	86
66) n-Nitrosodiphenylamine	15.67	169	1870651	31.866	ng	99
67) 4-Bromophenyl-phenylether	16.34	248	648081	30.602	ng	99
68) Hexachlorobenzene	16.45	284	745815	31.458	ng	97
69) Atrazine	16.62	200	743536	35.035	ng	99
70) Pentachlorophenol	16.80	266	1042727	67.155	ng	99
71) Phenanthrene	17.20	178	3553779	35.305	ng	100
72) Anthracene	17.29	178	3631249	37.514	ng	100
73) Carbazole	17.56	167	3470403	34.897	ng	100
74) Di-n-butylphthalate	18.12	149	4036212	37.053	ng	99
75) Fluoranthene	19.22	202	4592112	39.569	ng	98
77) Benzidine	19.41	184	2175867	35.769	ng	99
78) Pyrene	19.58	202	4787407	32.783	ng	99
80) Butylbenzylphthalate	20.48	149	2186786	35.094	ng	97
81) Benzo(a)anthracene	21.33	228	5248203	36.161	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1031292	18.791	ng	99
83) Chrysene	21.39	228	4984763	35.567	ng	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	3166596	35.192	ng	100
85) Di-n-octyl phthalate	22.14	149	5839119	38.583	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.95	276	7857754	48.622	ng	96
88) Benzo(b)fluoranthene	22.94	252	5904508	34.926	ng	99
89) Benzo(k)fluoranthene	22.99	252	5687983	33.386	ng	98
90) Benzo(a)pyrene	23.53	252	5931891	36.651	ng	97
91) Dibenzo(a,h)anthracene	25.97	278	6549929	39.941	ng	98
92) Benzo(g,h,i)perylene	26.67	276	6638495	41.599	ng	97

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

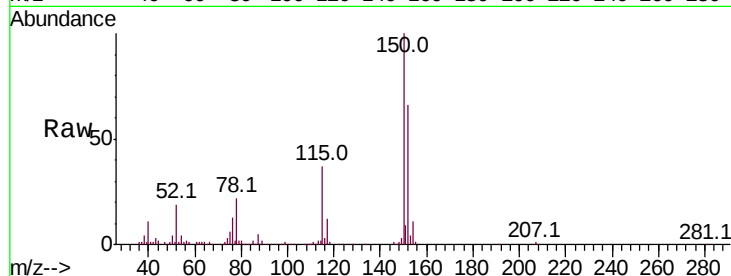


#1

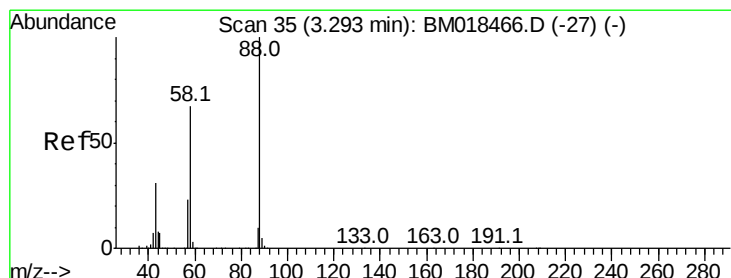
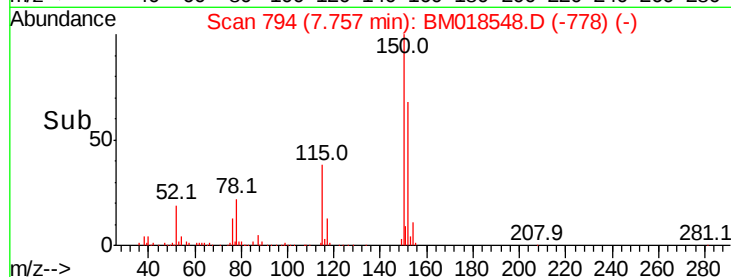
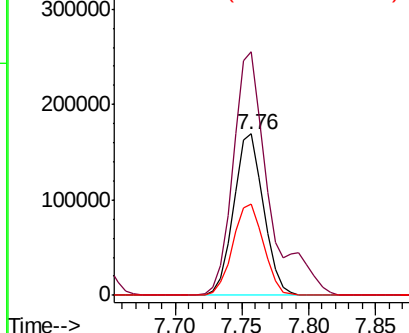
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.9	190.3
115	56.5	45.5	68.3



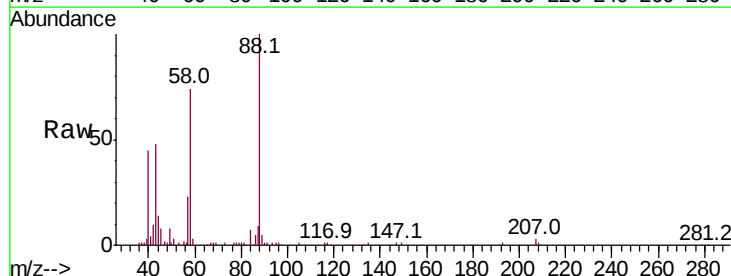
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



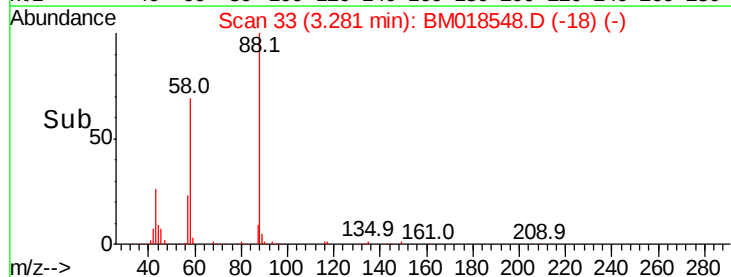
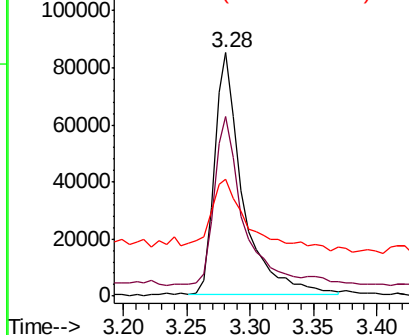
#2

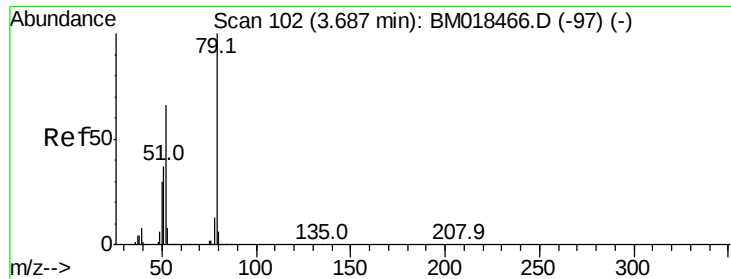
1,4-Dioxane
Concen: 22.759 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	58.4	87.6
43	38.2	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

Pvridine

Concen: 27.051 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

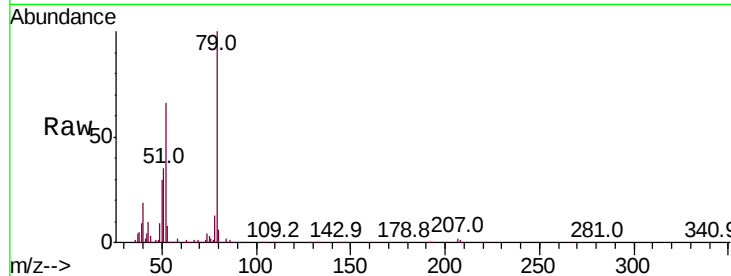
Tot Ion: 79 Resp: 393033

Ion Ratio Lower Upper

79 100

52 66.0 56.4 84.6

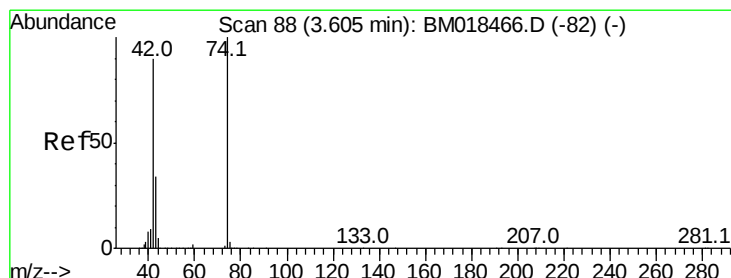
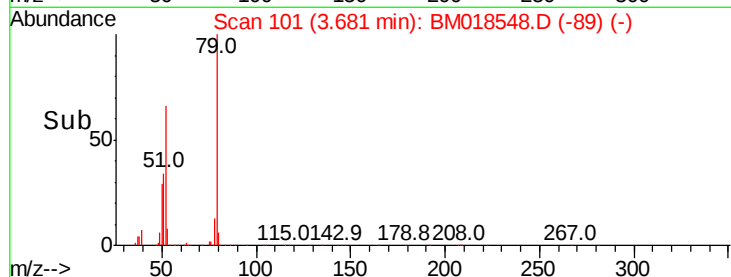
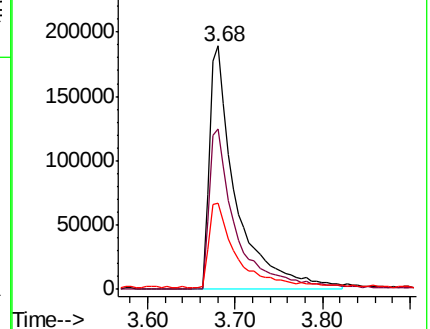
51 35.1 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 35.382 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

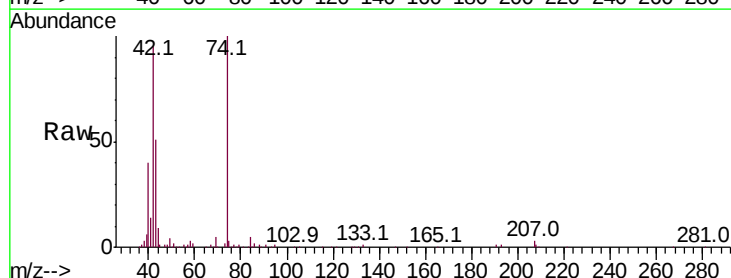
Tgt Ion: 42 Resp: 212577

Ion Ratio Lower Upper

42 100

74 105.6 88.6 132.8

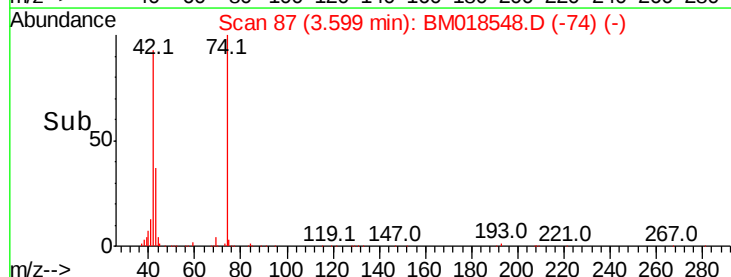
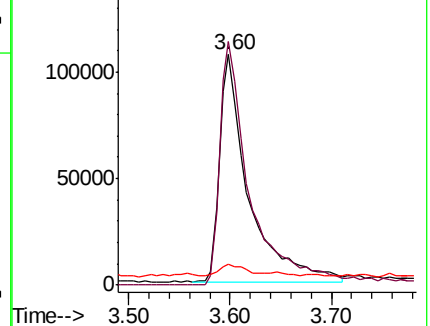
44 9.0 16.9 25.3#

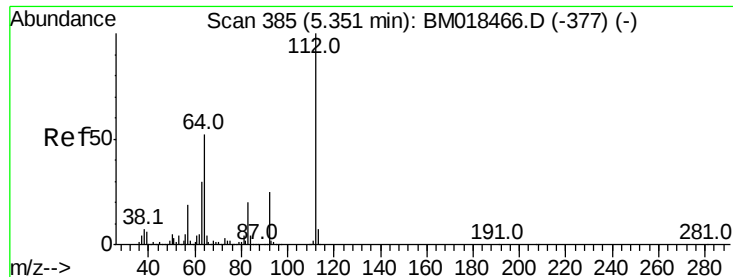


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 122.682 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

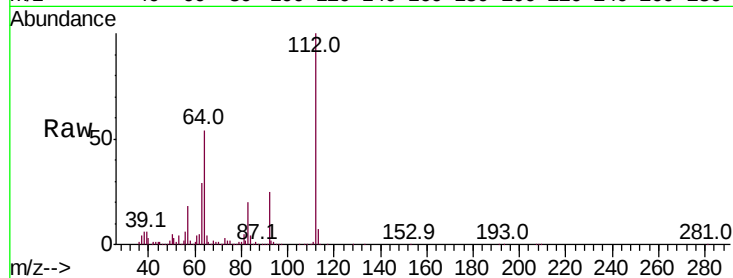
Tot Ion:112 Resp: 1754184

Ion Ratio Lower Upper

112 100

64 53.8 46.5 69.7

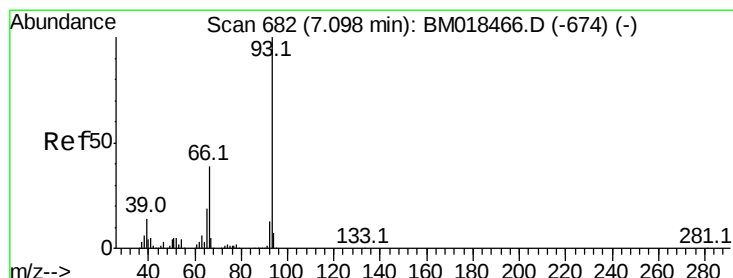
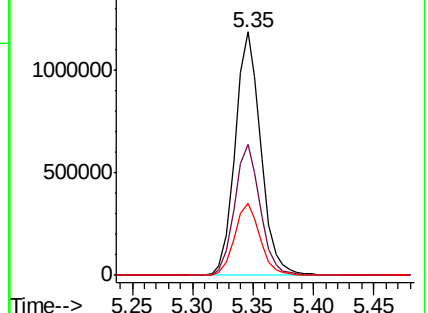
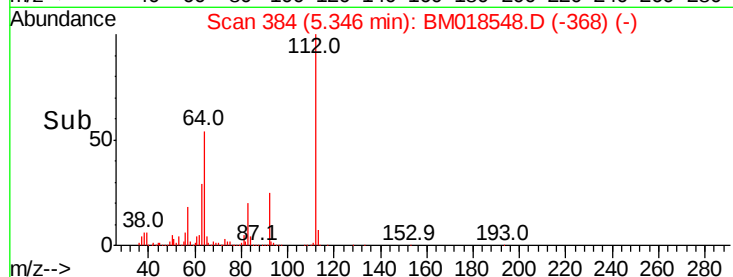
63 29.4 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.745 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

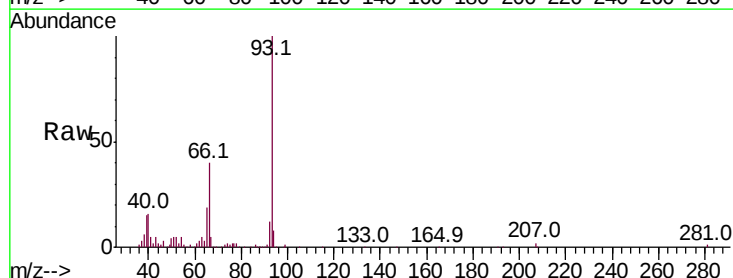
Tgt Ion: 93 Resp: 258199

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

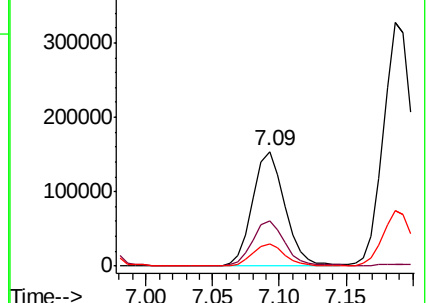
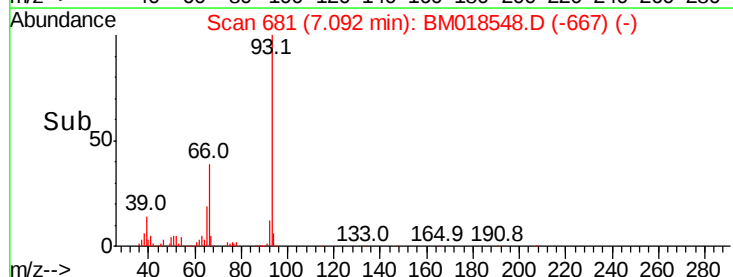
65 19.4 15.9 23.9

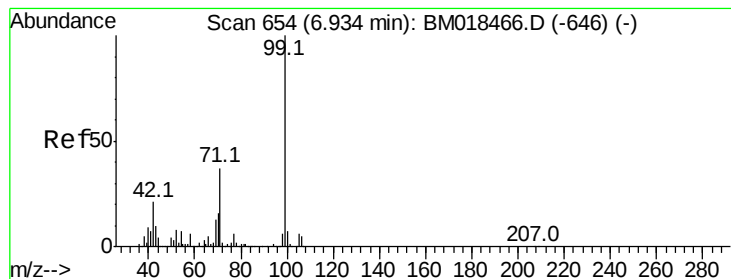


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 128.893 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

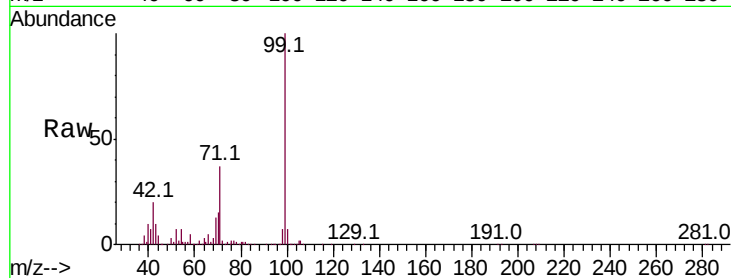
Tot Ion: 99 Resp: 2340809

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

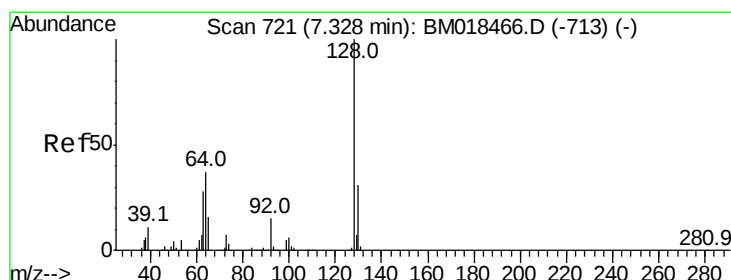
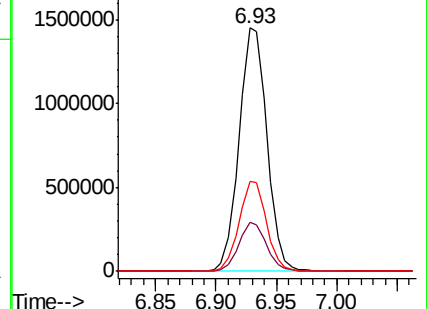
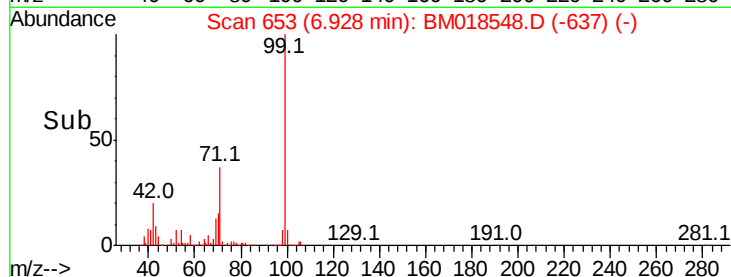
71 36.9 28.0 42.0



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: 41.018 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

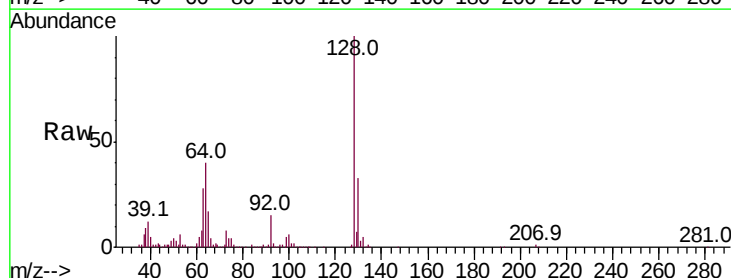
Tgt Ion:128 Resp: 684977

Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

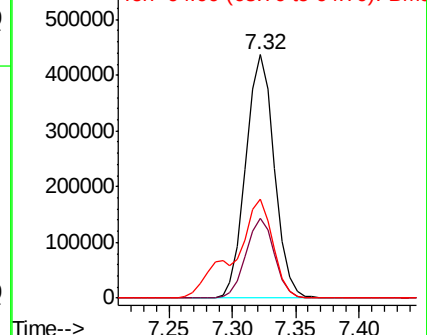
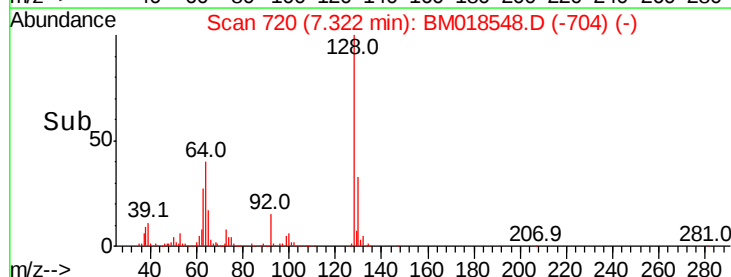
64 40.4 24.8 64.8

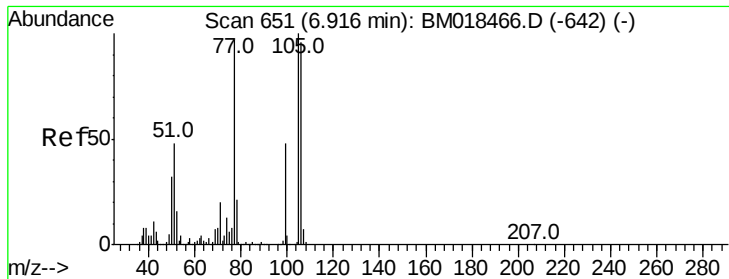


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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: 14.908 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

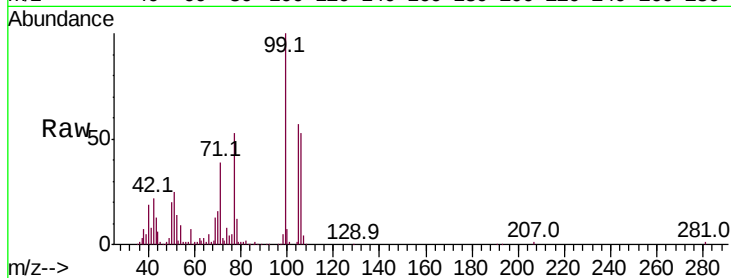
Tot Ion: 77 Resp: 184723

Ion Ratio Lower Upper

77 100

105 106.8 79.7 119.7

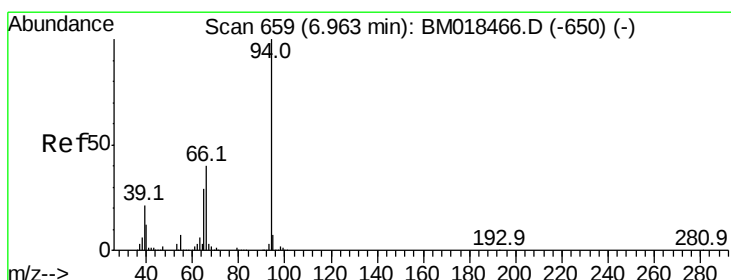
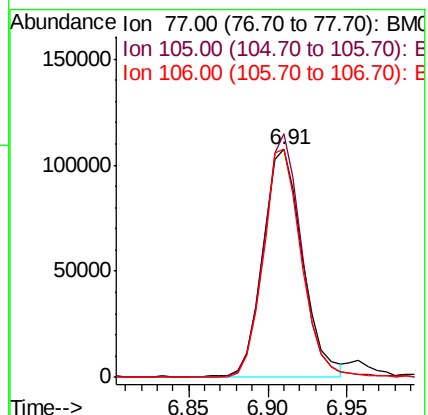
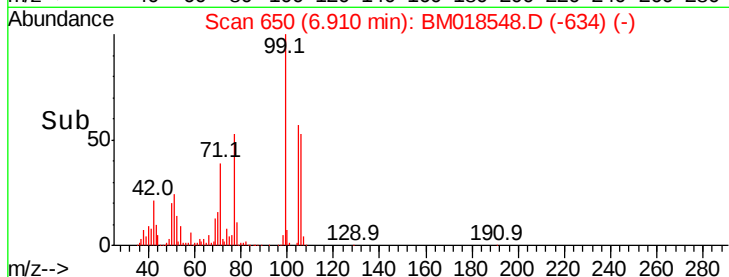
106 100.0 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018548.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM018548.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM018548.D (-634) (-)



#10

Phenol

Concen: 42.325 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

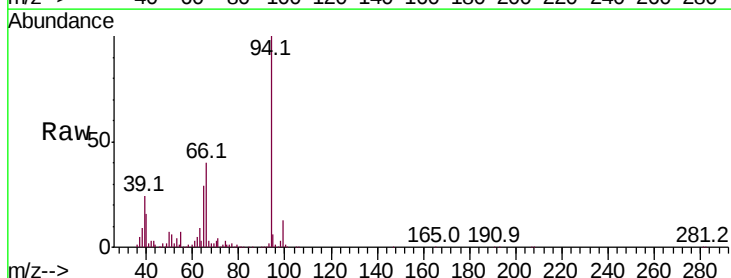
Tgt Ion: 94 Resp: 781076

Ion Ratio Lower Upper

94 100

65 29.1 9.4 49.4

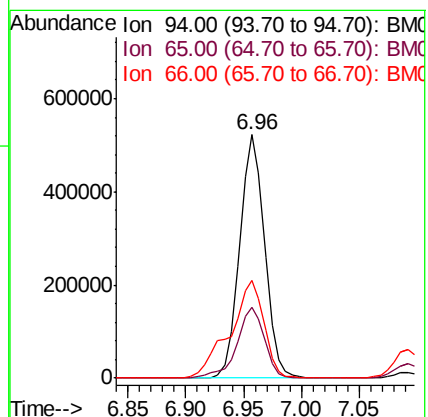
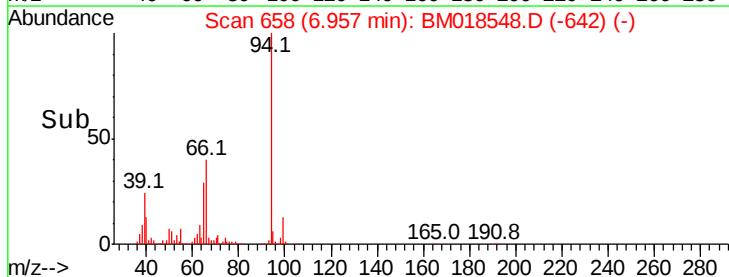
66 40.3 19.1 59.1

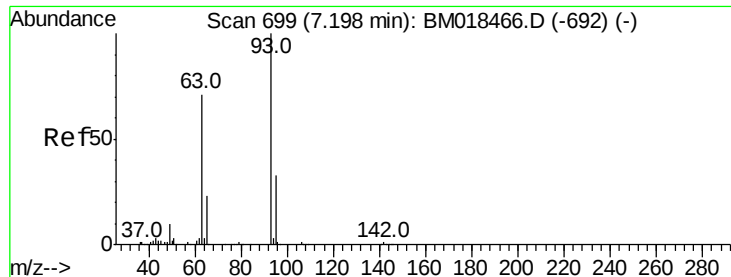


Abundance Ion 94.00 (93.70 to 94.70): BM018548.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018548.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018548.D (-642) (-)

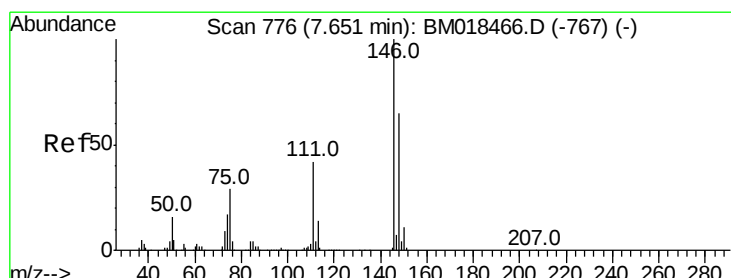
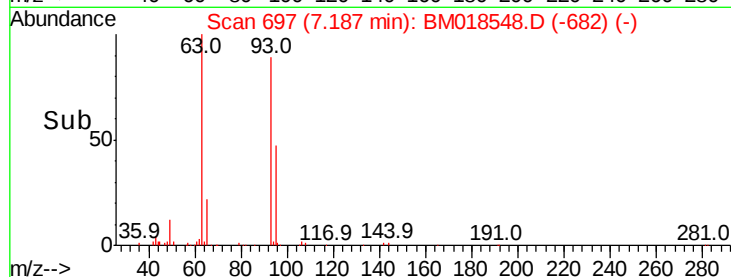
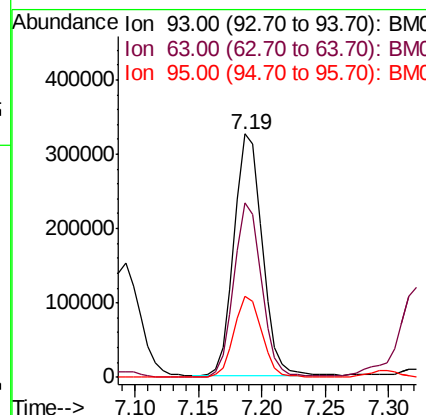
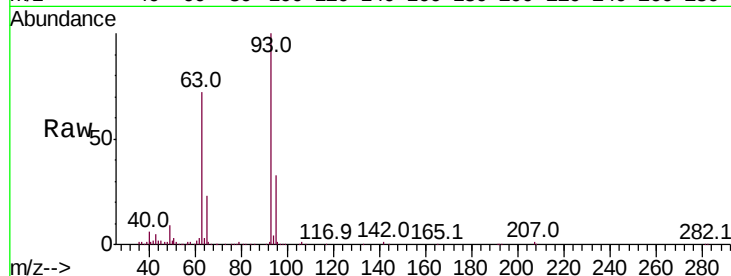




#11
bis(2-Chloroethyl)ether
Concen: 34.719 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

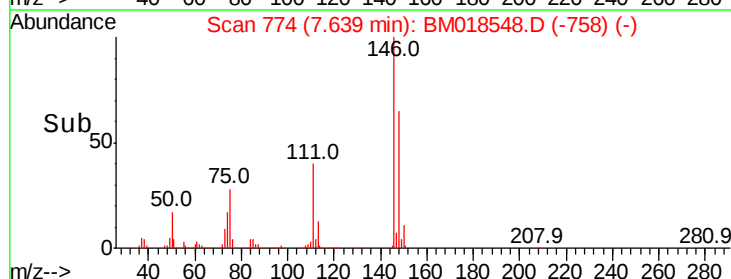
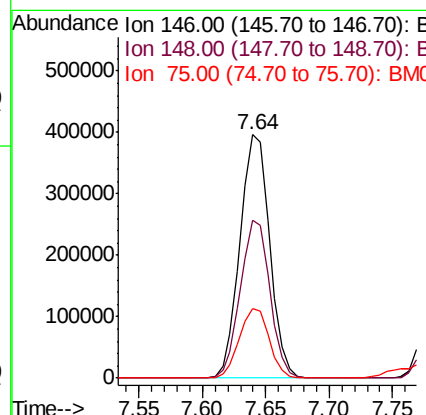
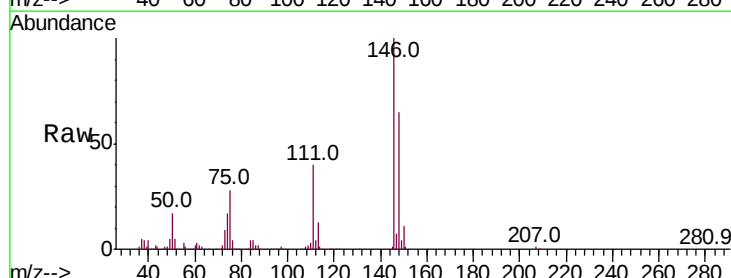
Instrument :
BNA_M
ClientSampleId :

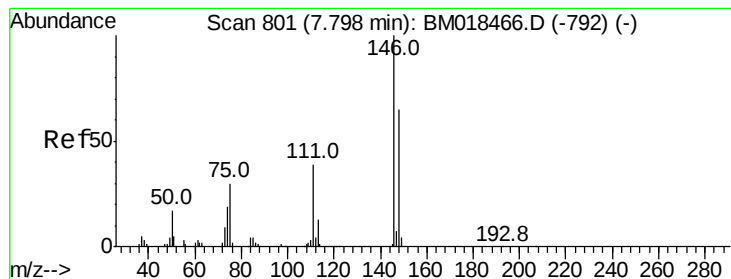
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	56.4	96.4
95	33.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 32.286 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
75	28.5	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 32.870 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

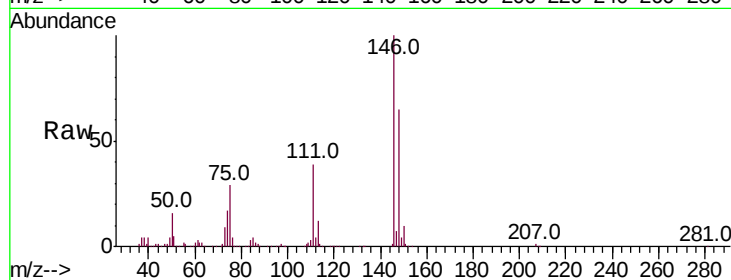
Tot Ion:146 Resp: 662567

Ion Ratio Lower Upper

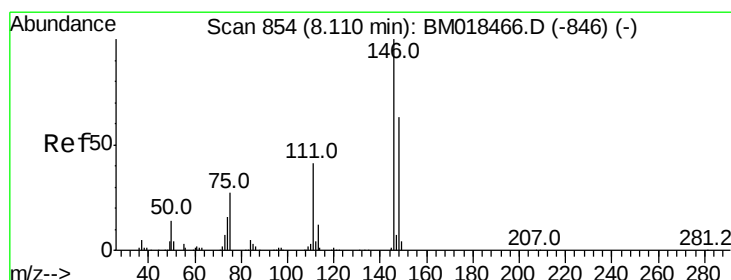
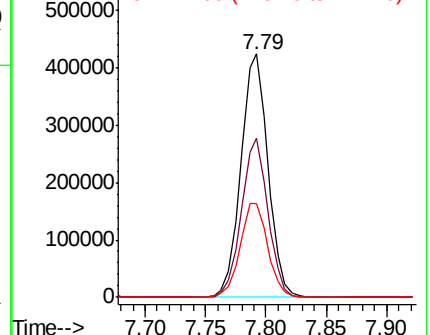
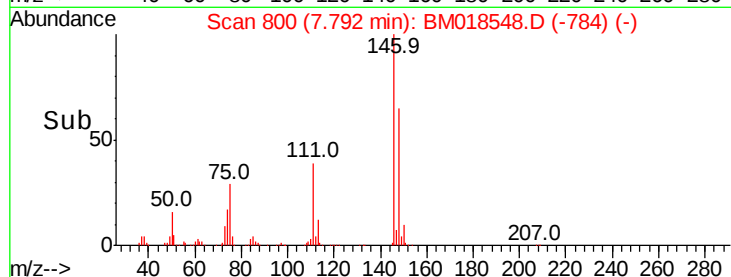
146 100

148 65.2 50.8 76.2

111 38.6 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: 33.848 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

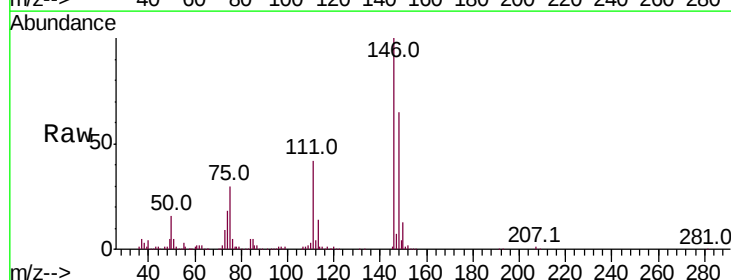
Tgt Ion:146 Resp: 646953

Ion Ratio Lower Upper

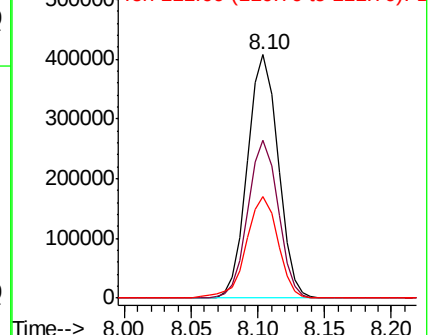
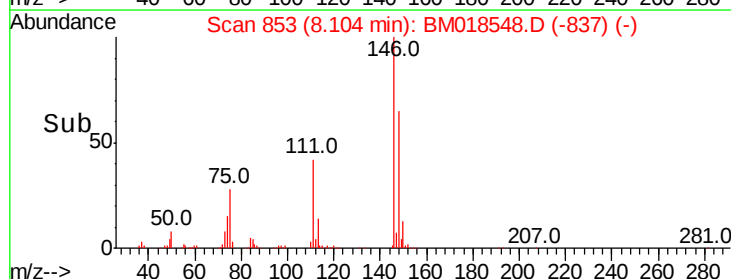
146 100

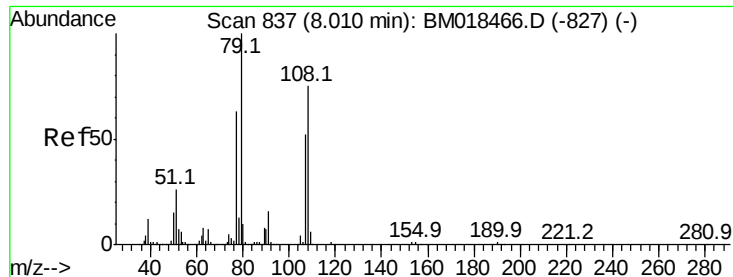
148 65.0 51.0 76.6

111 42.0 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: 41.629 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampled :

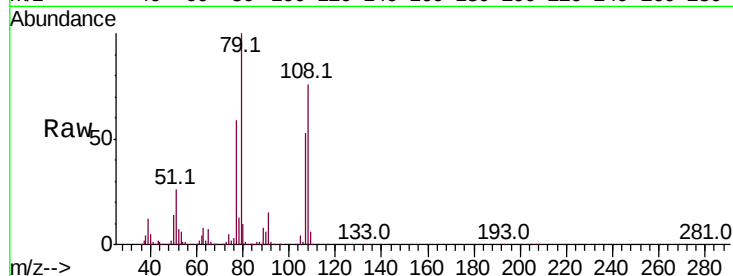
Tot Ion: 79 Resp: 546041

Ion Ratio Lower Upper

79 100

108 75.7 60.4 90.6

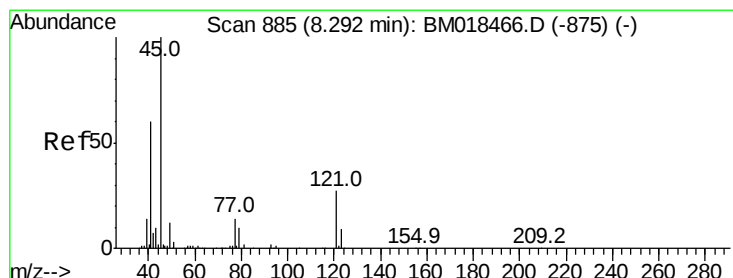
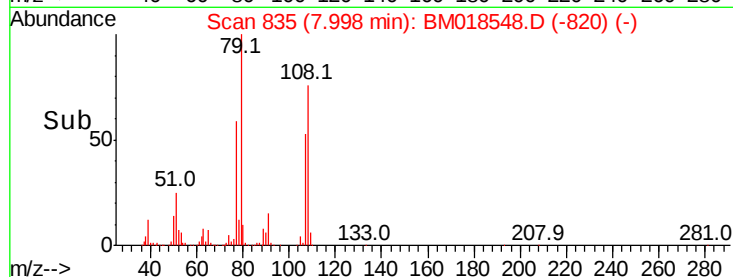
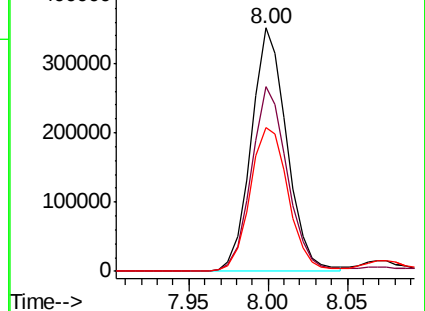
77 59.2 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.729 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

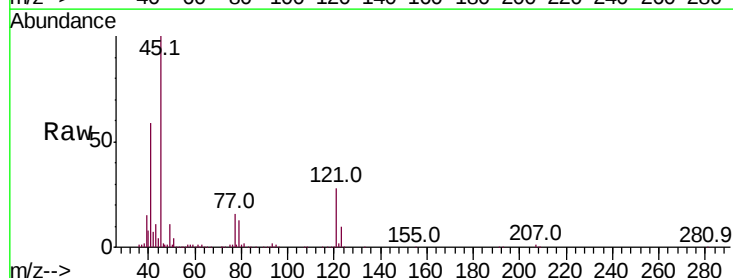
Tgt Ion: 45 Resp: 625026

Ion Ratio Lower Upper

45 100

77 16.1 0.0 33.4

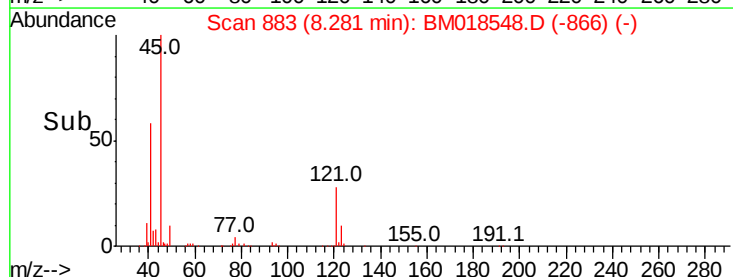
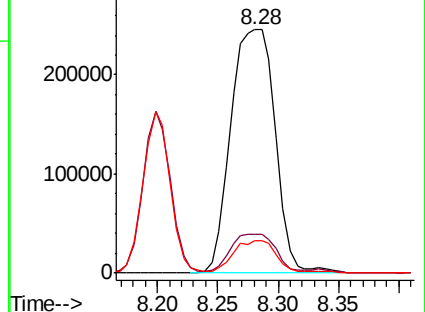
79 13.3 0.0 31.1

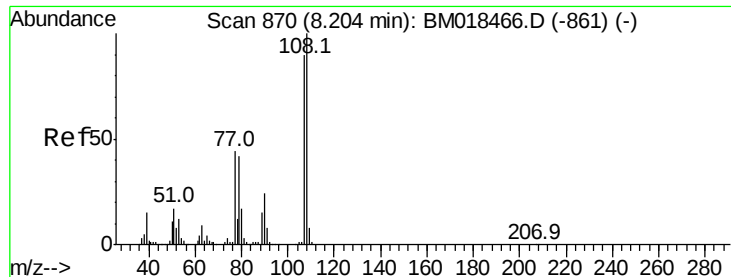


Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-875) (-)

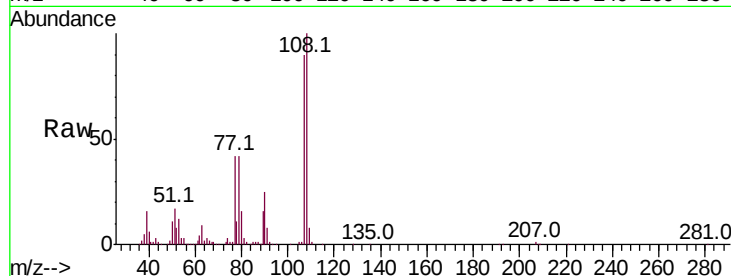




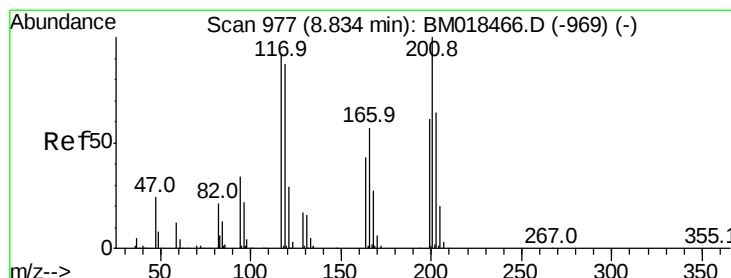
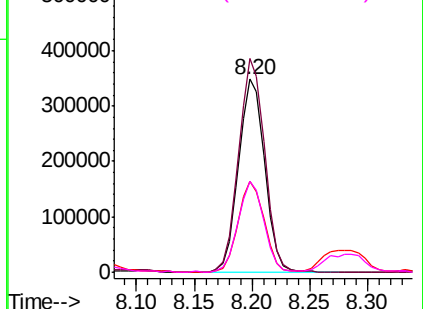
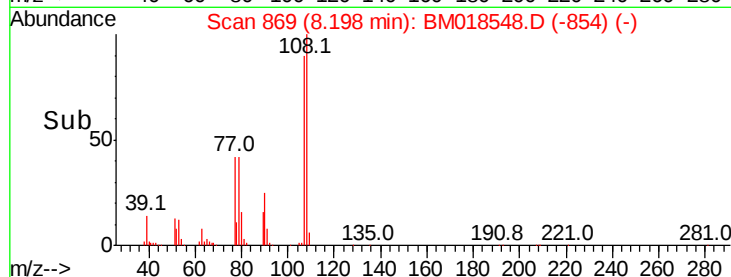
#17
2-Methylphenol
Concen: 43.494 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 544836
Ion Ratio Lower Upper
107 100
108 110.8 87.5 131.3
77 46.8 37.3 55.9
79 46.9 36.4 54.6

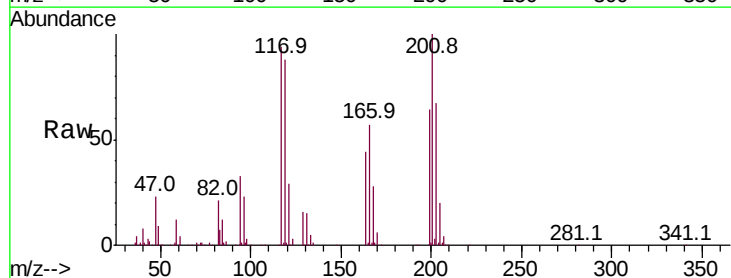


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

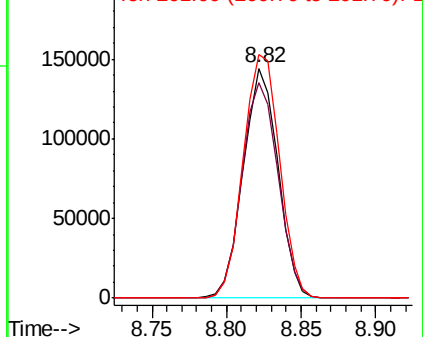
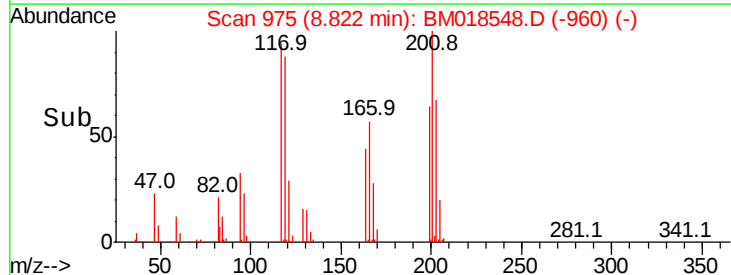


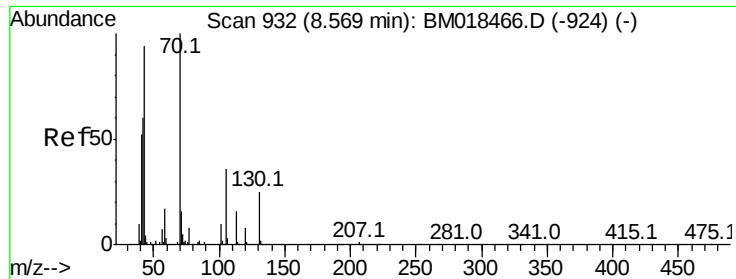
#18
Hexachloroethane
Concen: 32.345 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:117 Resp: 232464
Ion Ratio Lower Upper
117 100
119 93.4 78.3 117.5
201 105.9 81.4 122.0



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

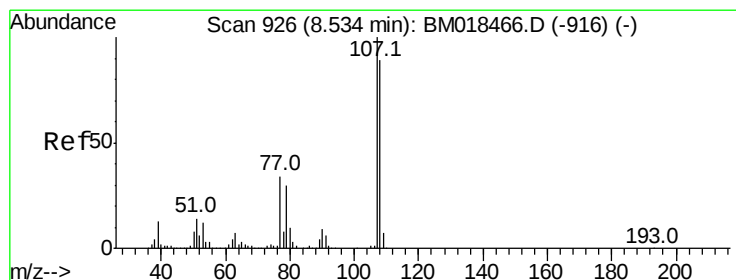
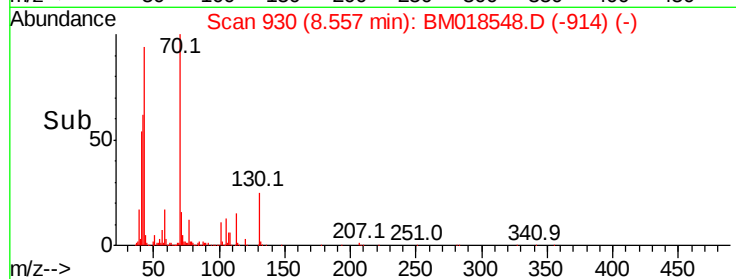
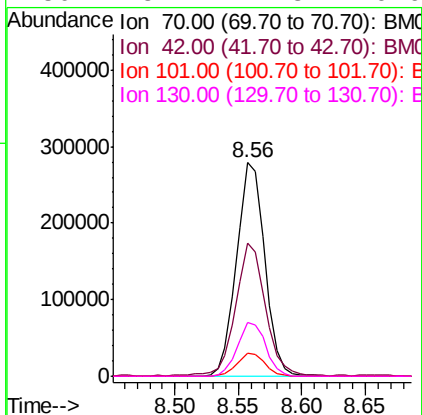
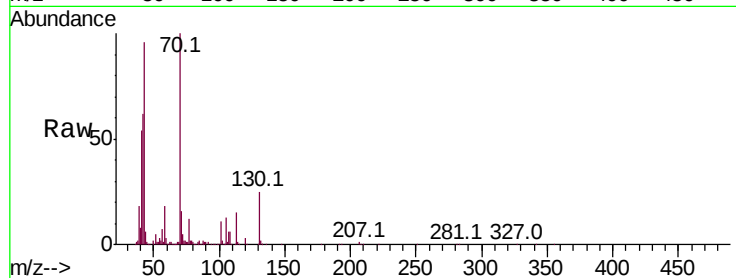




#19
n-Nitroso-di-n-propylamine
Concen: 36.503 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

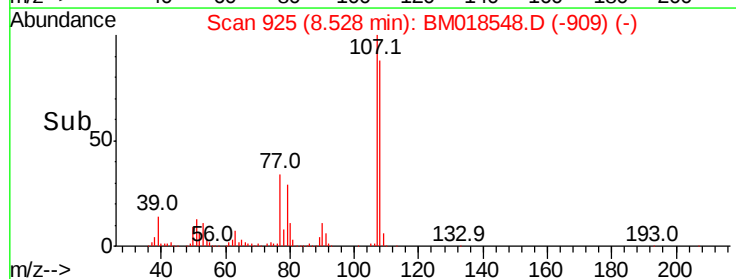
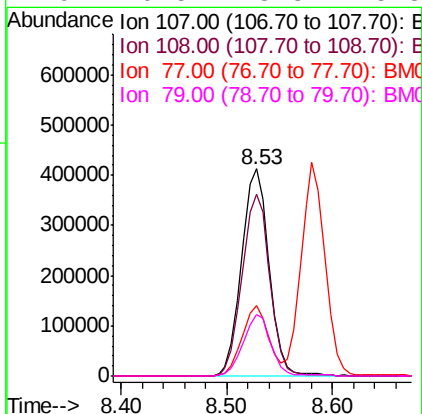
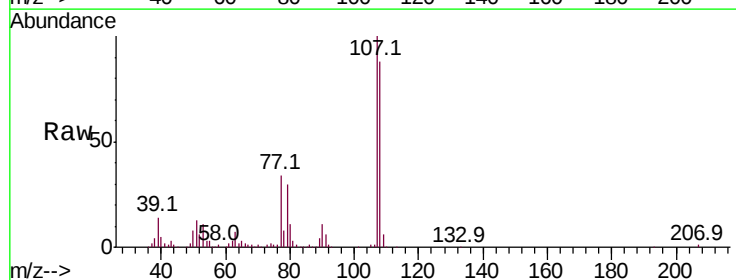
Instrument :
BNA_M
ClientSampleId :

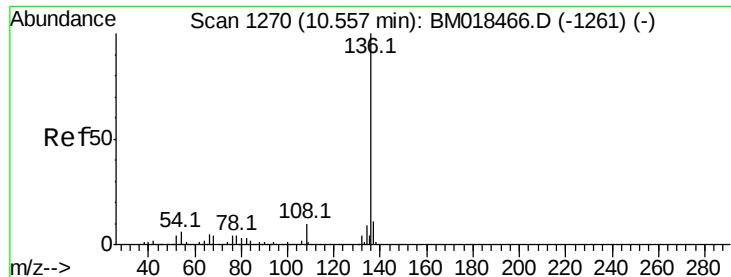
Tot Ion:	70	Resp:	431421
Ion	Ratio	Lower	Upper
70	100		
42	62.1	54.0	81.0
101	10.6	8.1	12.1
130	25.1	17.8	26.6



#20
3+4-Methylphenols
Concen: 43.422 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:	107	Resp:	750886
Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.8	106.8
77	33.8	13.3	53.3
79	29.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1181183

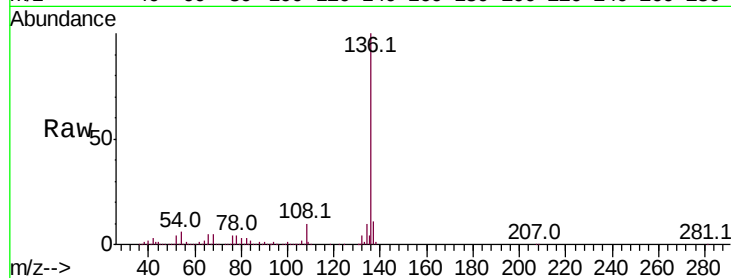
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.2 6.0 9.0

68 4.6 4.5 6.7

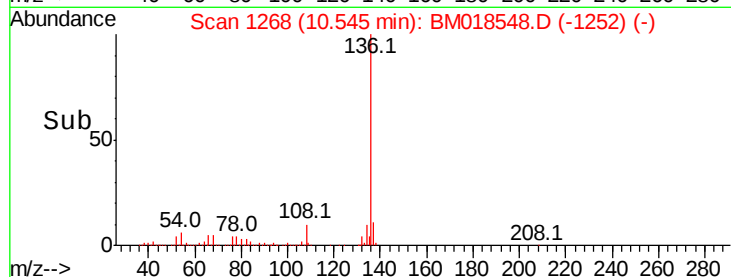


Abundance Ion 136.00 (135.70 to 136.70): E

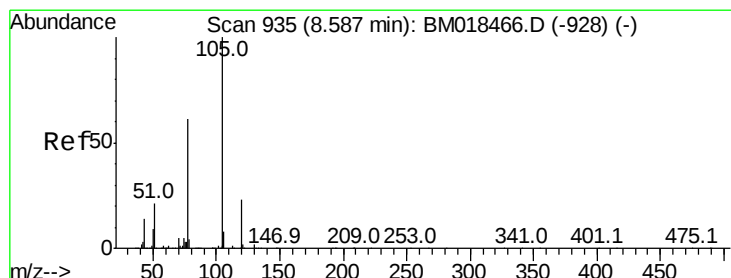
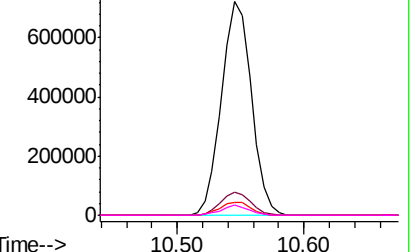
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 30.837 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:105 Resp: 901034

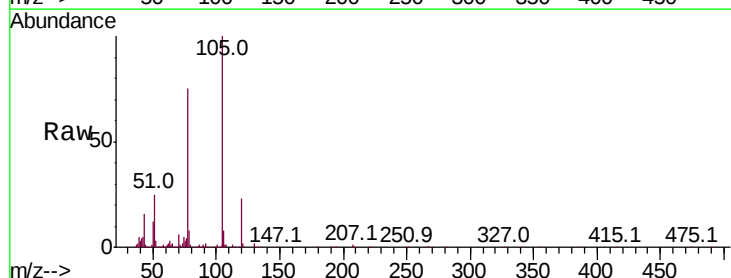
Ion Ratio Lower Upper

105 100

71 1.0 1.7 2.5#

51 25.2 22.6 34.0

120 22.9 18.3 27.5

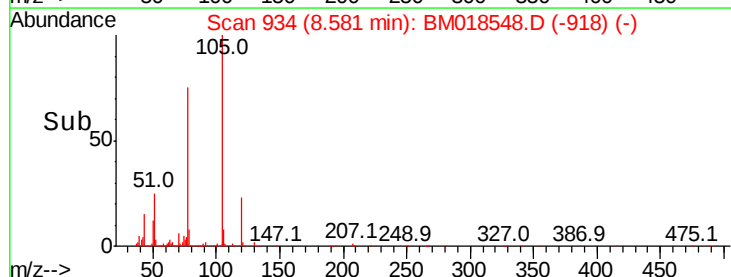


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

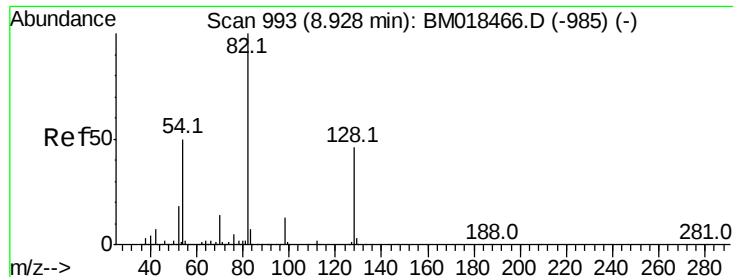
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->

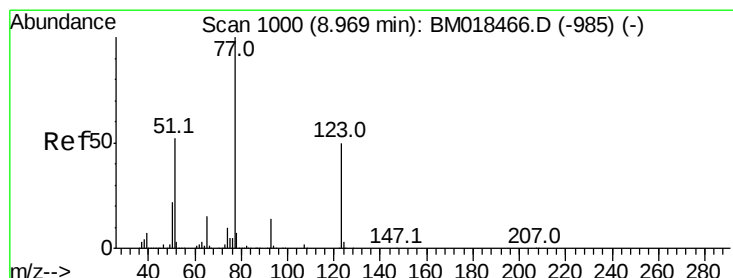
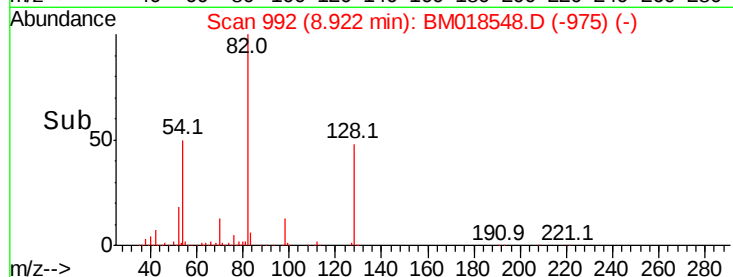
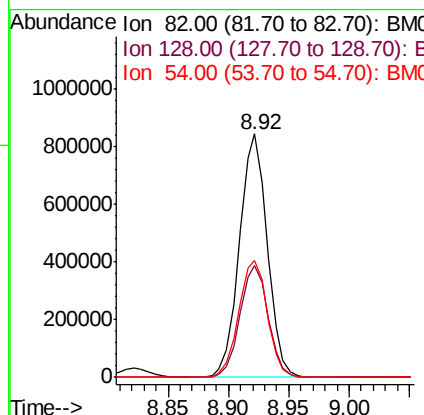
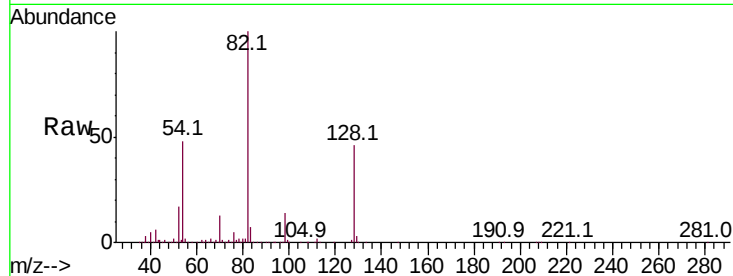




#23
Nitrobenzene-d5
Concen: 66.904 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

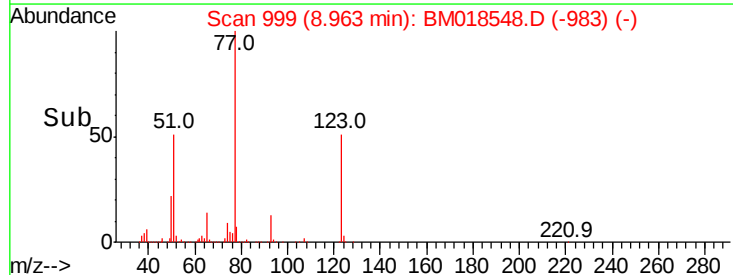
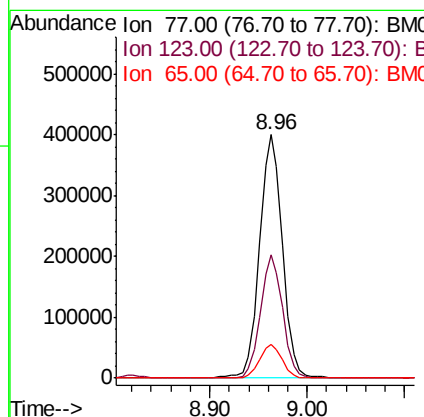
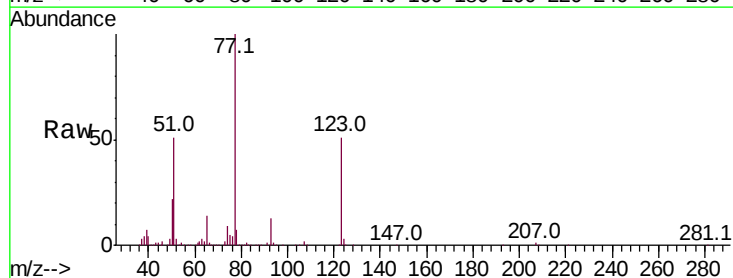
Instrument :
BNA_M
ClientSampleId :

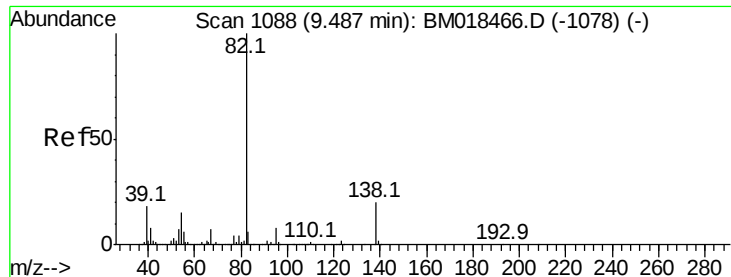
Tot Ion: 82 Resp: 1363199
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 48.3 41.7 62.5



#24
Nitrobenzene
Concen: 32.629 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion: 77 Resp: 654146
Ion Ratio Lower Upper
77 100
123 50.8 37.7 56.5
65 13.8 11.0 16.6





#25

Isophorone

Concen: 38.995 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

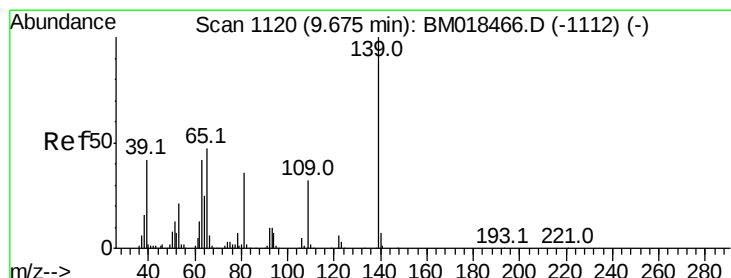
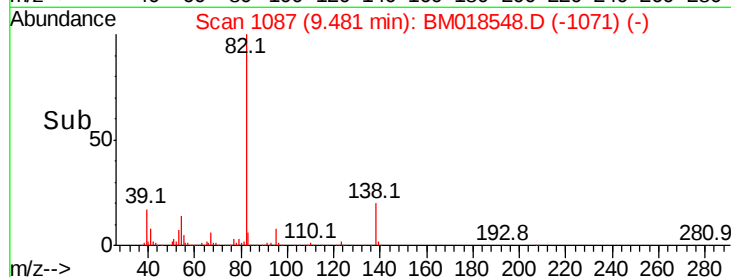
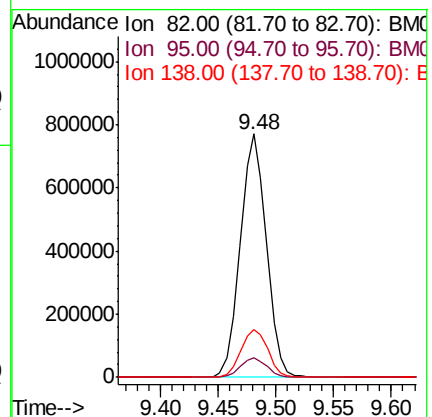
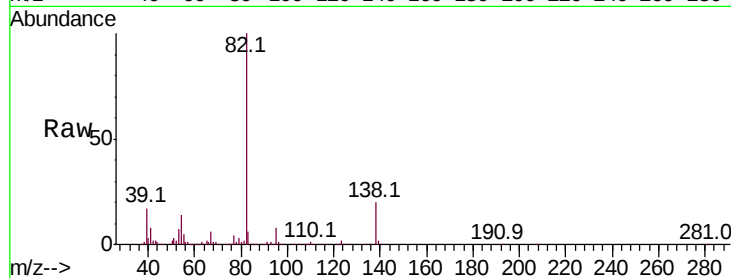
Tot Ion: 82 Resp: 1203166

Ion Ratio Lower Upper

82 100

95 8.2 6.1 9.1

138 19.7 15.1 22.7



#26

2-Nitrophenol

Concen: 37.476 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

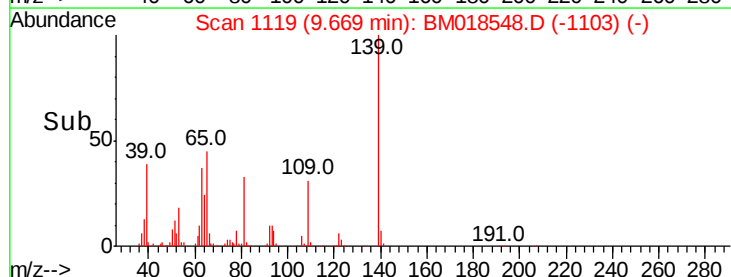
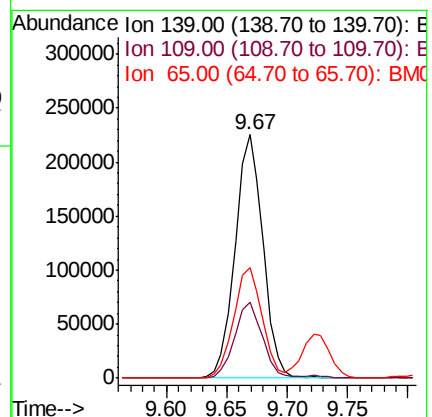
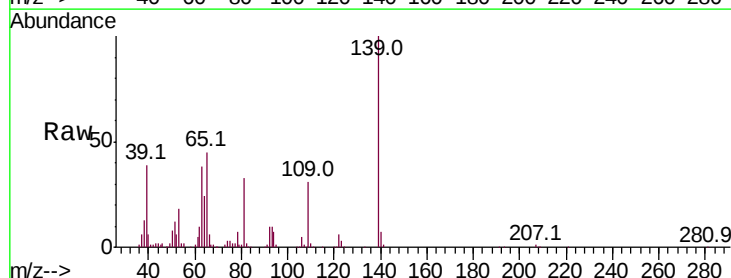
Tgt Ion: 139 Resp: 363287

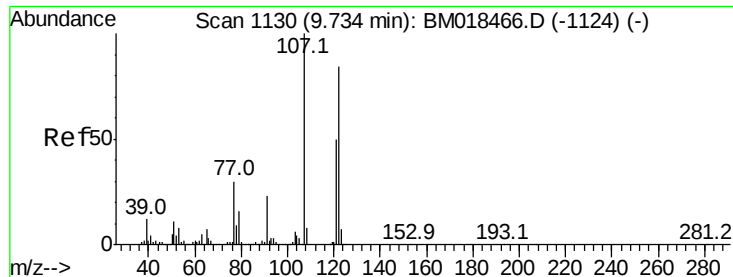
Ion Ratio Lower Upper

139 100

109 31.1 23.4 35.2

65 45.4 39.4 59.2

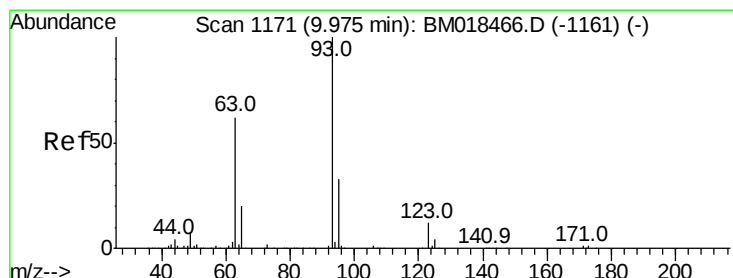
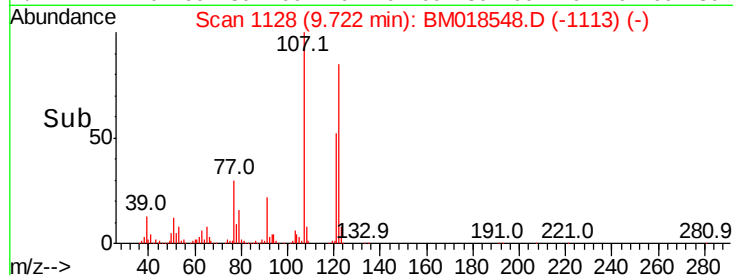
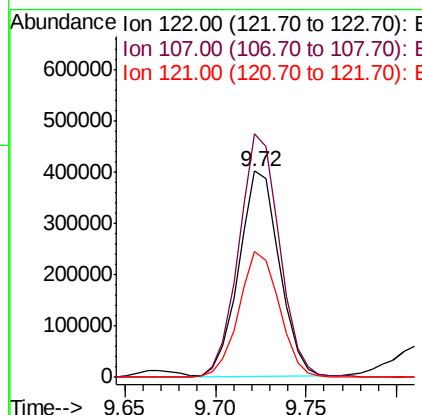
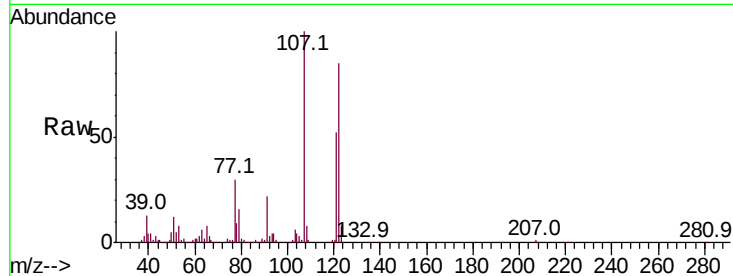




#27
 2,4-Dimethylphenol
 Concen: 42.692 ng
 RT: 9.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

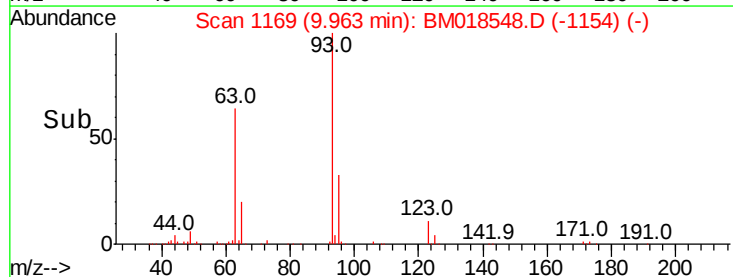
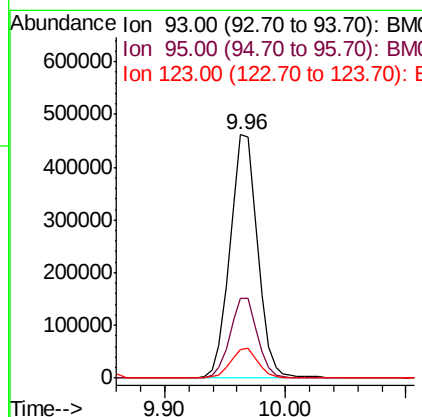
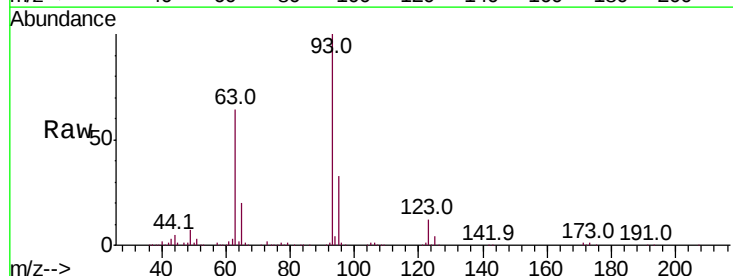
Instrument :
 BNA_M
 ClientSampleId :

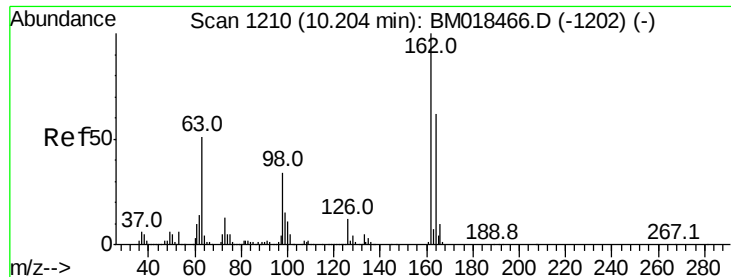
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	91.9	137.9
121	61.1	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.602 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	11.7	9.9	14.9

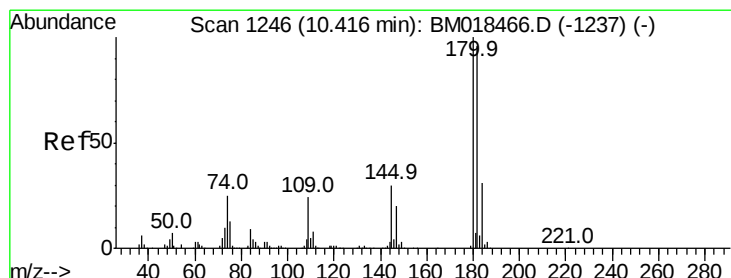
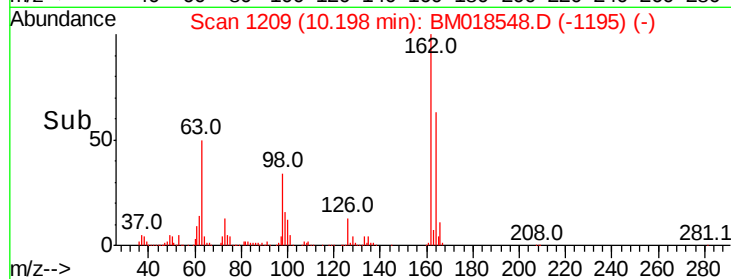
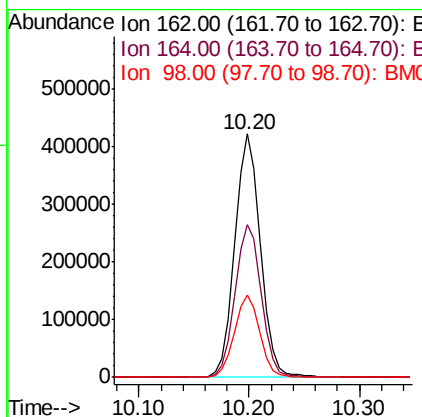
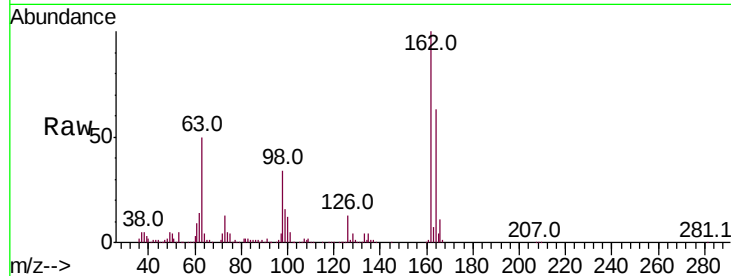




#29
2,4-Dichlorophenol
Concen: 39.770 ng
RT: 10.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

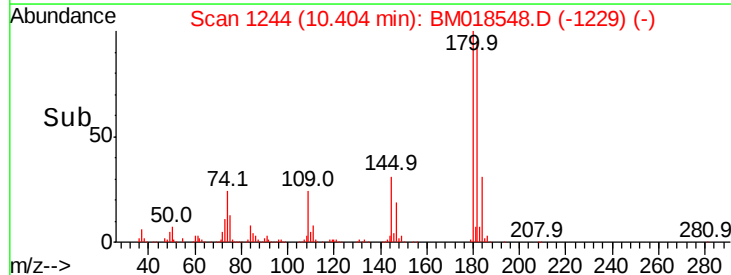
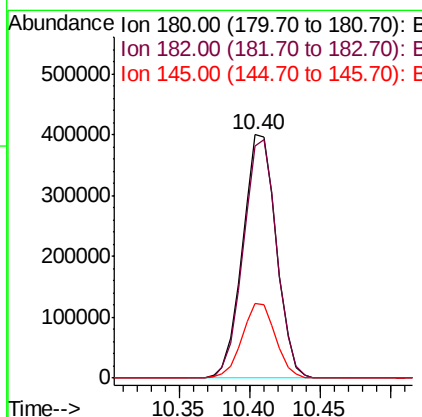
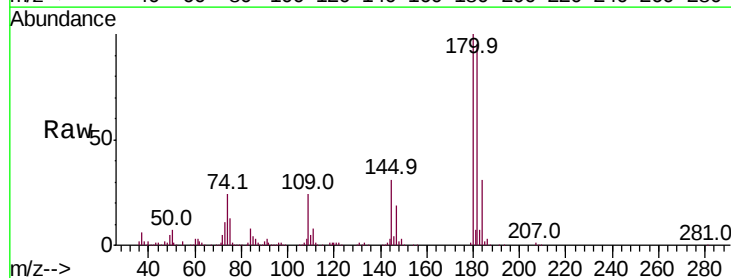
Instrument :
BNA_M
ClientSampleId :

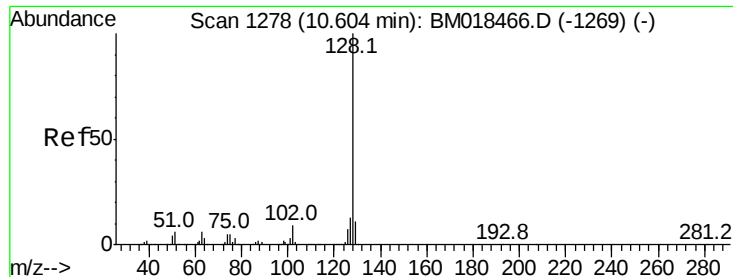
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	45.6	85.6
98	34.0	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 31.181 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.4	116.2
145	30.7	24.6	37.0

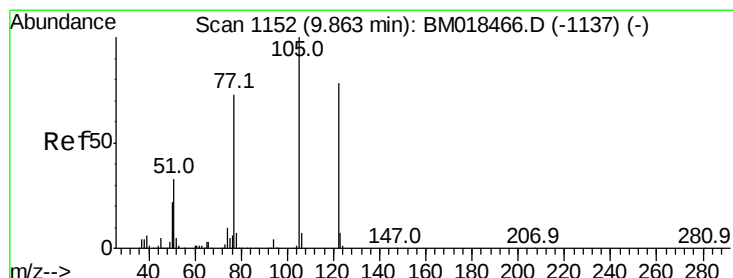
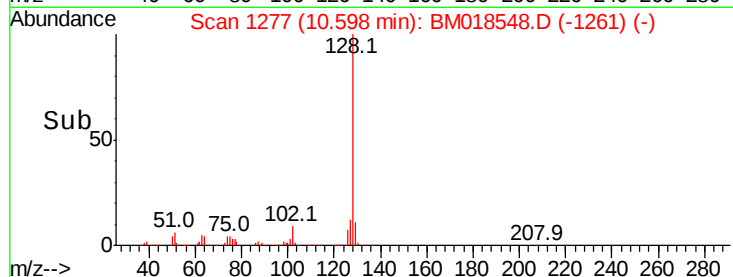
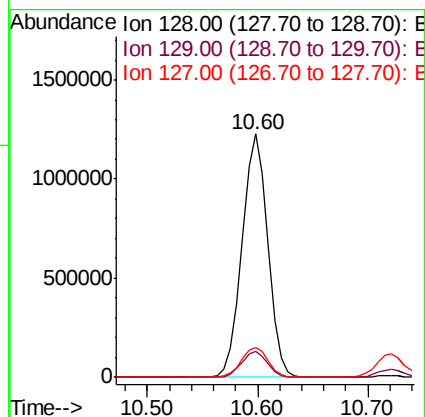
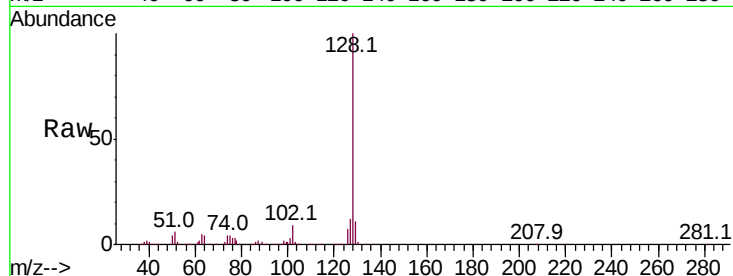




#31
Naphthalene
Concen: 35.262 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

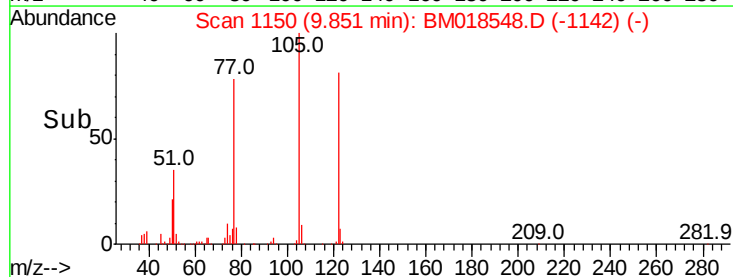
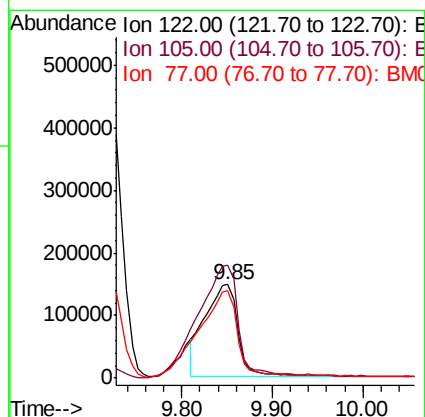
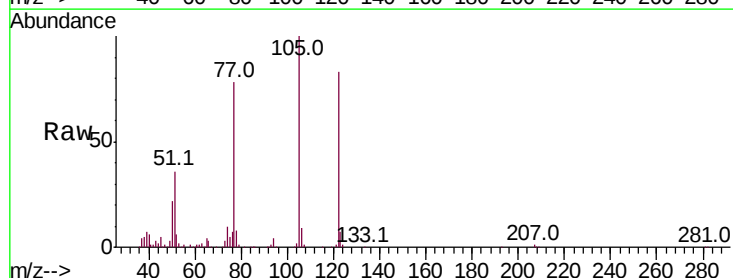
Instrument :
BNA_M
ClientSampleId :

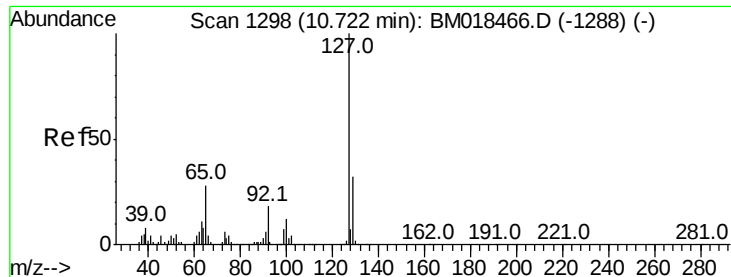
Tot Ion:128 Resp: 2005930
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.4 10.8 16.2



#32
Benzoic acid
Concen: 39.407 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:122 Resp: 372353
Ion Ratio Lower Upper
122 100
105 121.2 100.4 140.4
77 94.4 71.7 111.7

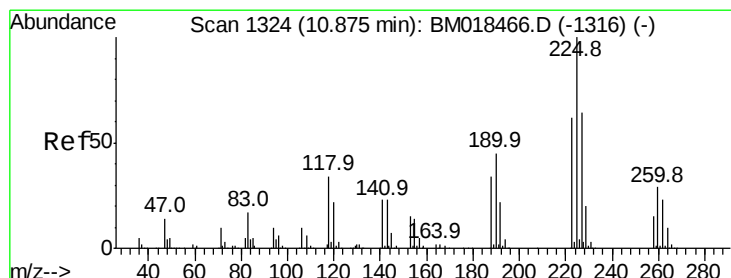
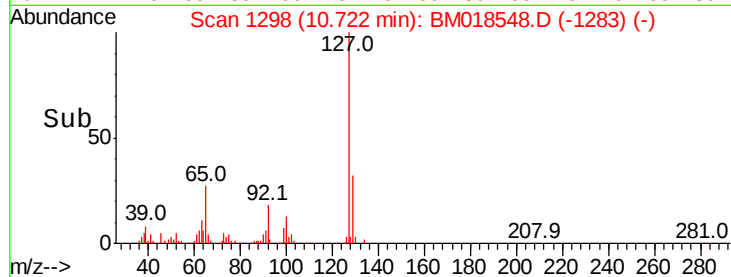
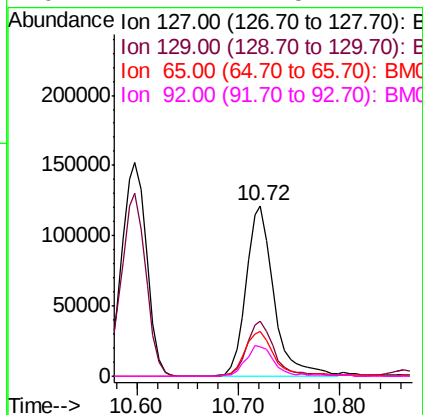
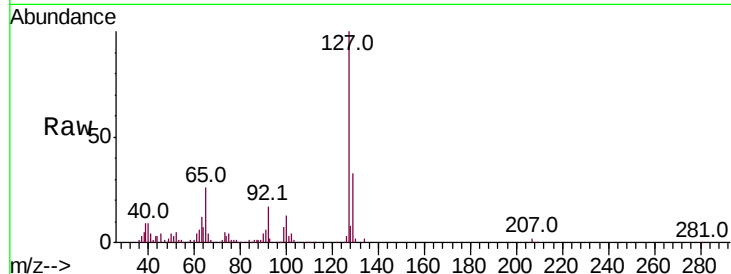




#33
4-Chloroaniline
Concen: 10.321 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

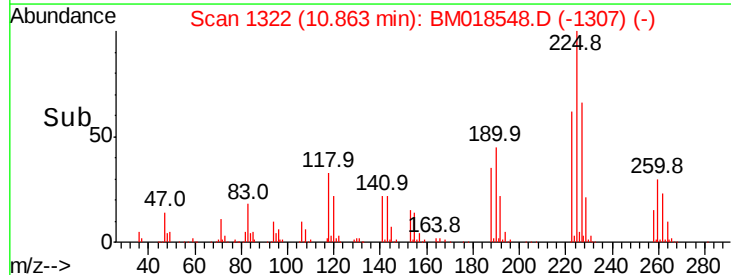
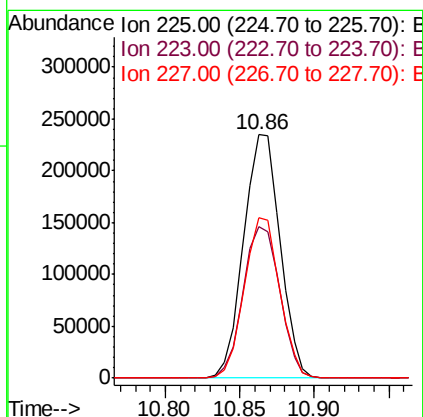
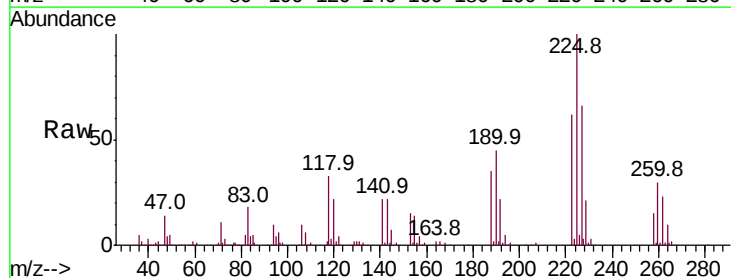
Instrument :
BNA_M
ClientSampleId :

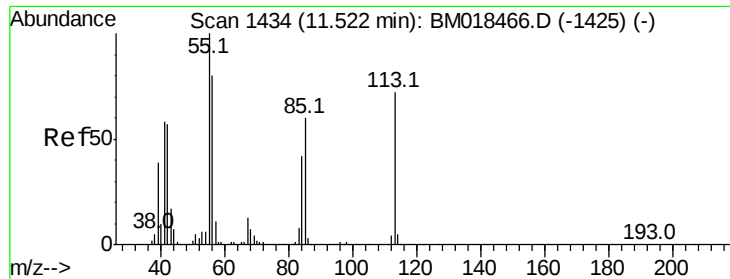
Tot Ion:127	Resp:	231220
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.9 38.9
65	26.3	23.4 35.2
92	17.4	14.5 21.7



#34
Hexachlorobutadiene
Concen: 29.290 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:225	Resp:	397383
Ion Ratio	Lower	Upper
225	100	
223	62.1	50.8 76.2
227	65.7	50.4 75.6

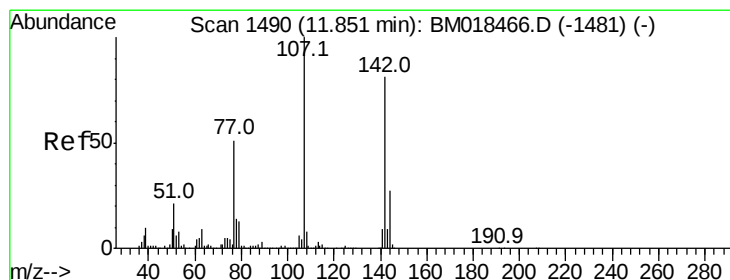
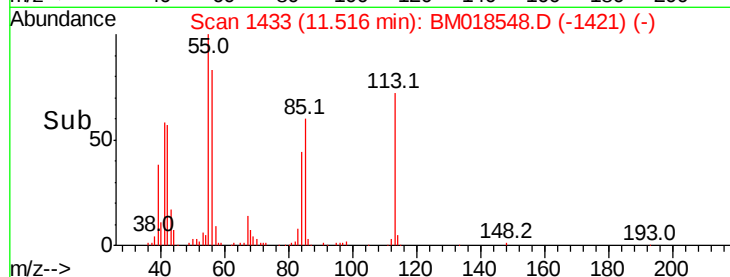
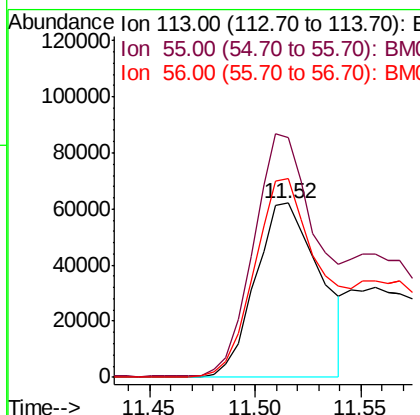
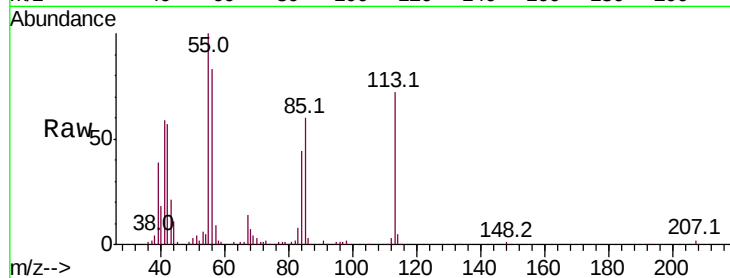




#35
Caprolactam
Concen: 22.464 ng
RT: 11.52 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

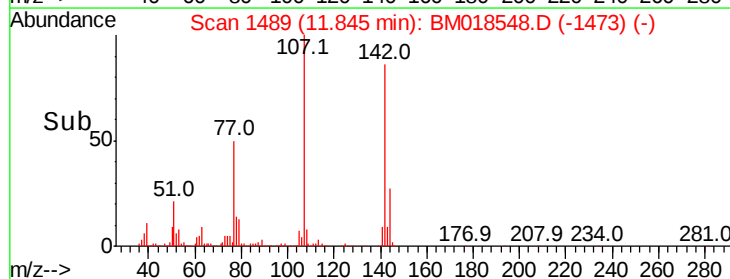
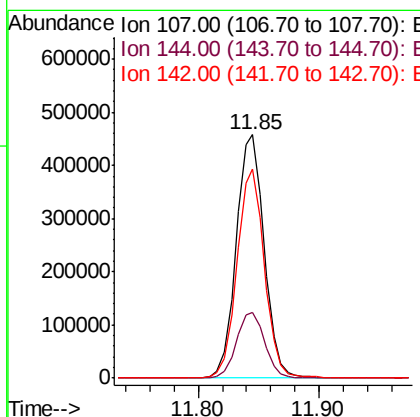
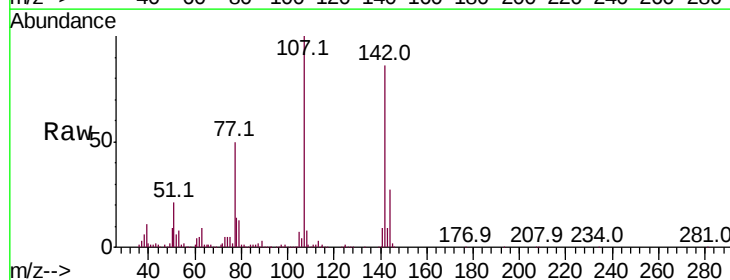
Instrument :
BNA_M
ClientSampleId :

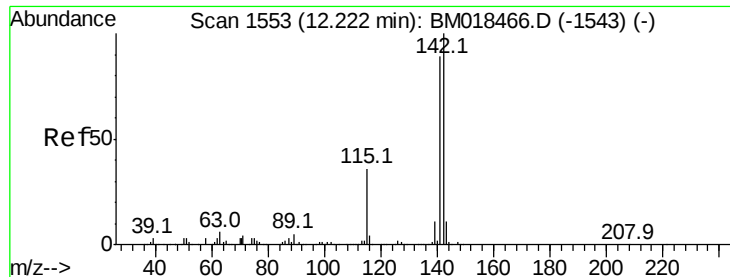
Tot Ion:113 Resp: 132143
Ion Ratio Lower Upper
113 100
55 138.1 139.3 179.3#
56 114.2 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 40.702 ng
RT: 11.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:107 Resp: 738820
Ion Ratio Lower Upper
107 100
144 27.1 21.9 32.9
142 86.0 67.9 101.9

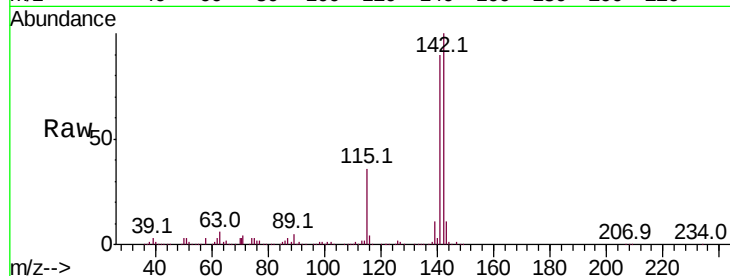




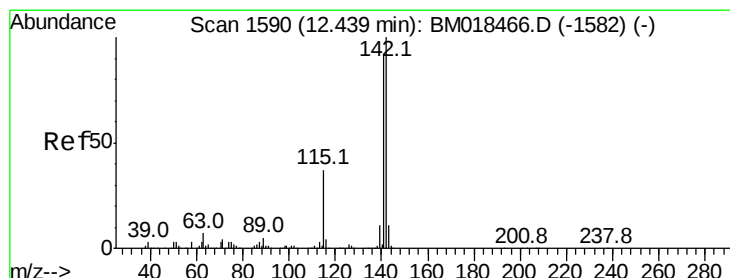
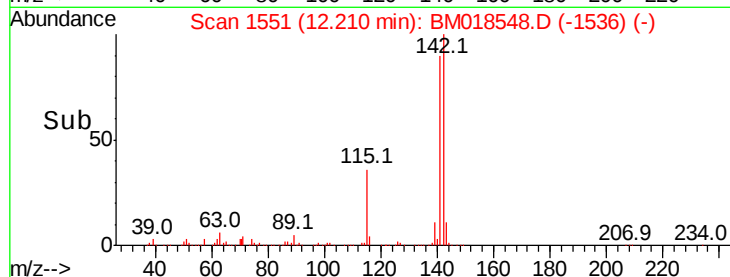
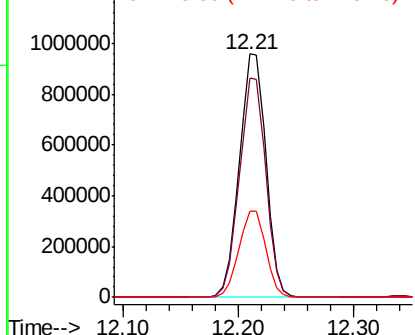
#37
 2-Methylnaphthalene
 Concen: 38.075 ng
 RT: 12.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 1530313
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2
 115 35.6 28.0 42.0

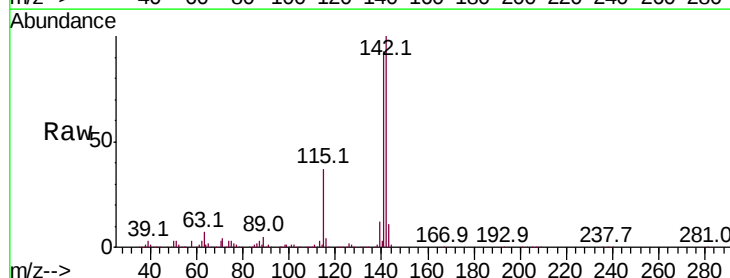


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

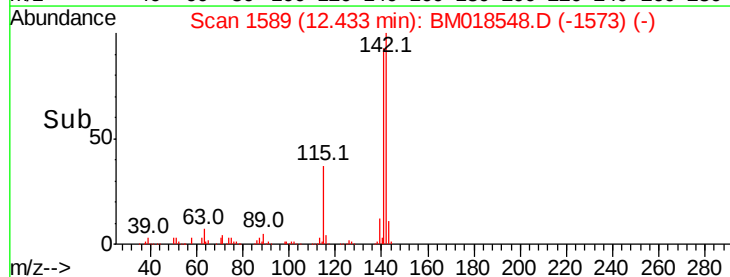
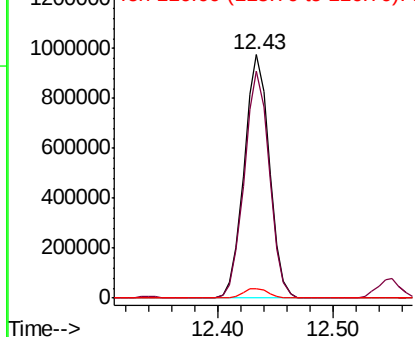


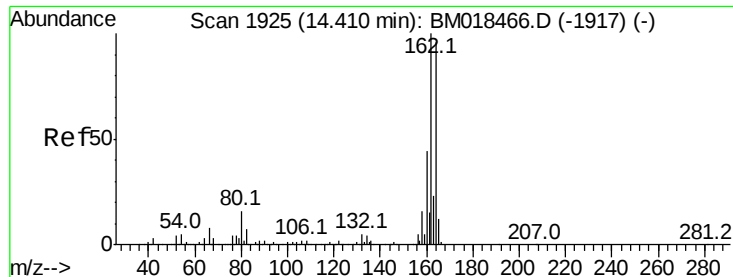
#38
 1-Methylnaphthalene
 Concen: 37.935 ng
 RT: 12.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion:142 Resp: 1475267
 Ion Ratio Lower Upper
 142 100
 141 93.0 75.6 113.4
 116 3.7 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: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

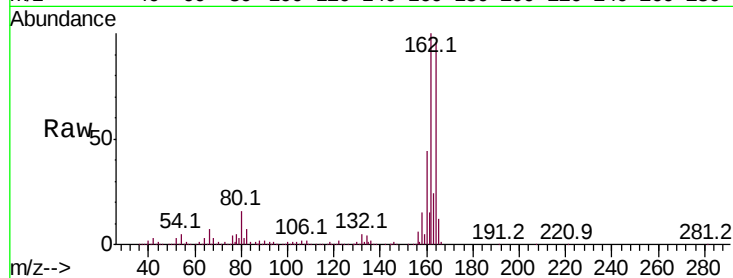
Tot Ion:164 Resp: 740931

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

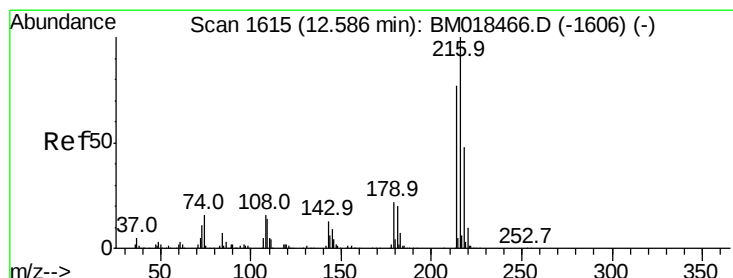
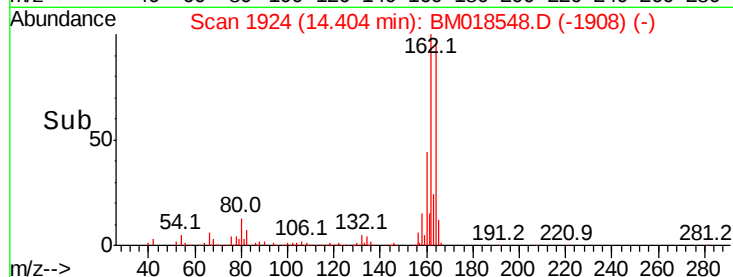
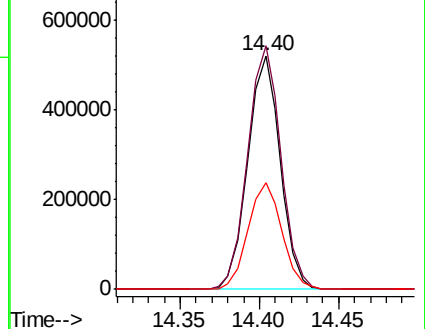
160 45.9 37.1 55.7



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: 30.860 ng

RT: 12.58 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:216 Resp: 799571

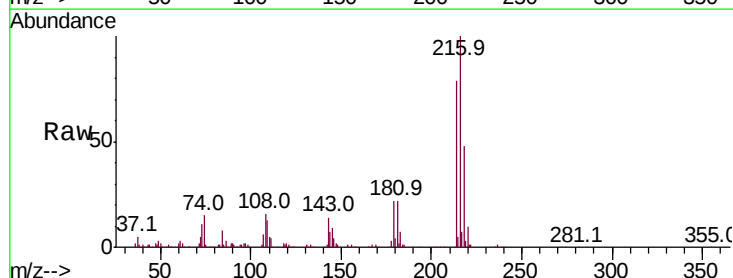
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 22.1 17.9 26.9

108 19.7 15.8 23.6

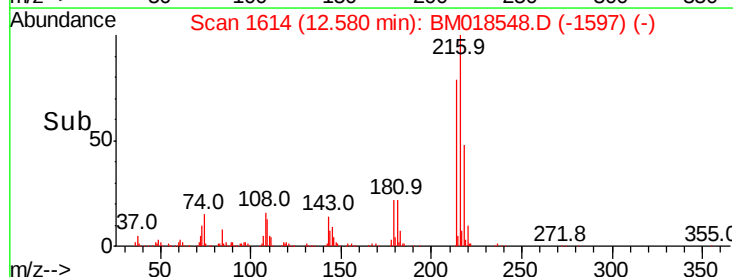
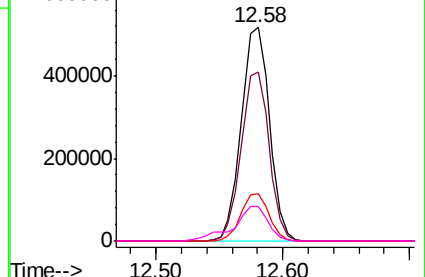


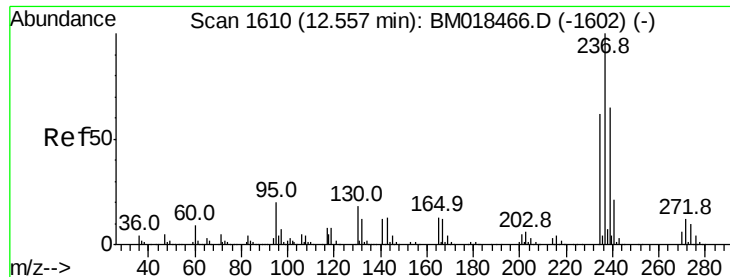
Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.344 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

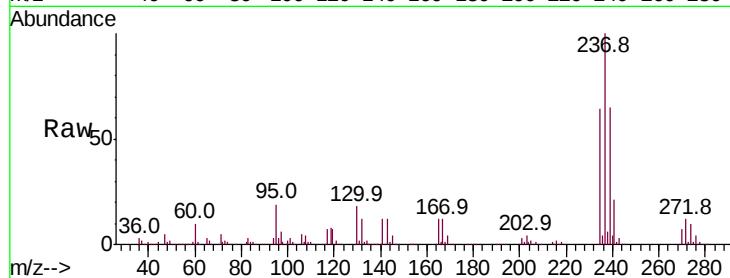
Tot Ion:237 Resp: 929200

Ion Ratio Lower Upper

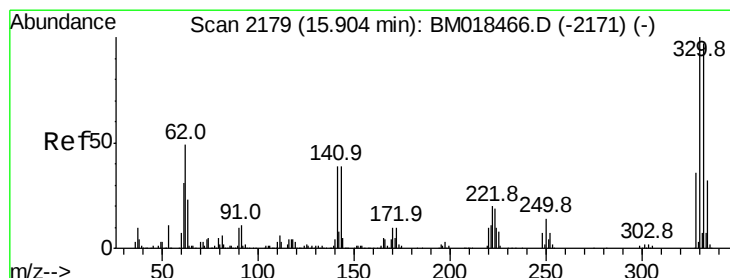
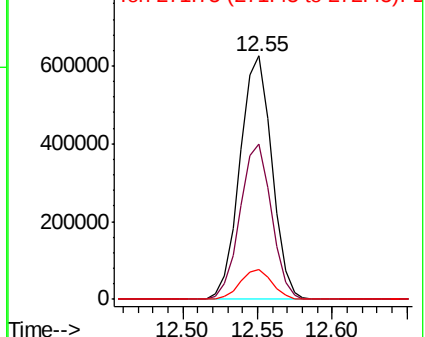
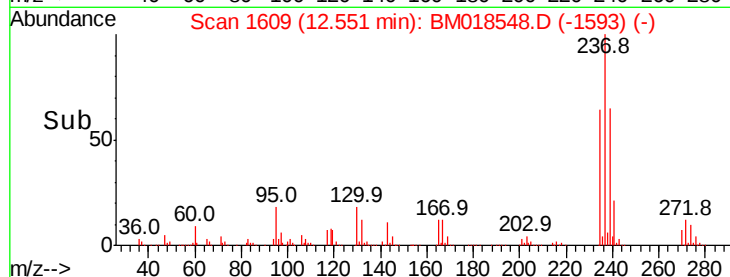
237 100

235 63.6 42.8 82.8

272 12.2 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: 122.700 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

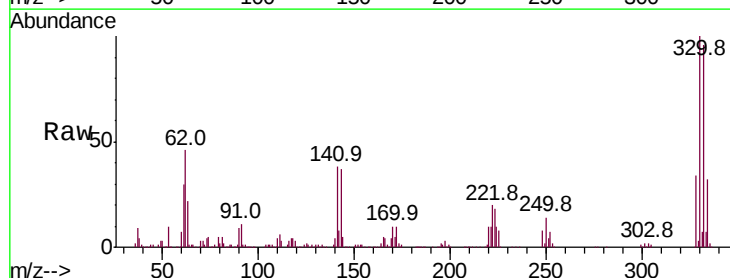
Tgt Ion:330 Resp: 1157568

Ion Ratio Lower Upper

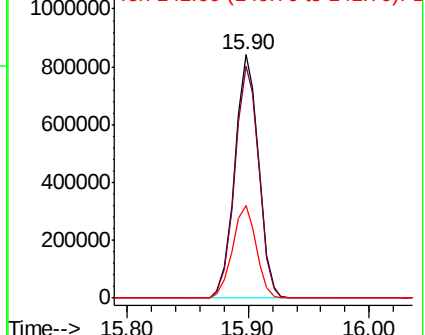
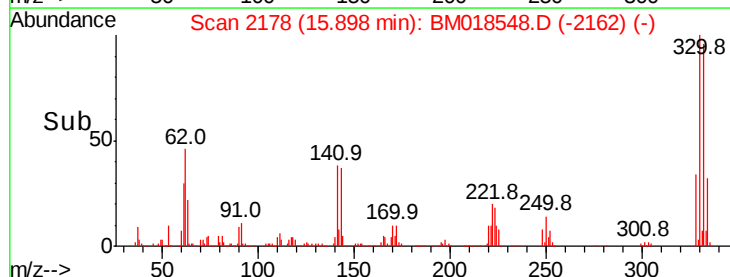
330 100

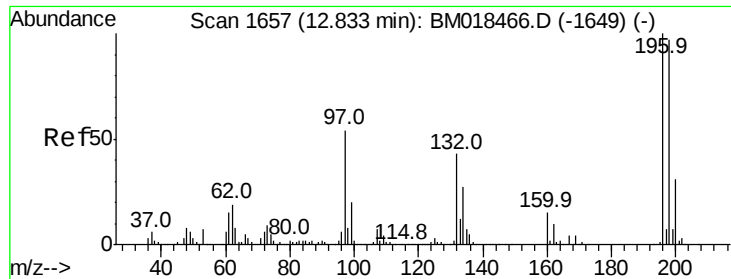
332 96.0 77.6 116.4

141 38.3 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

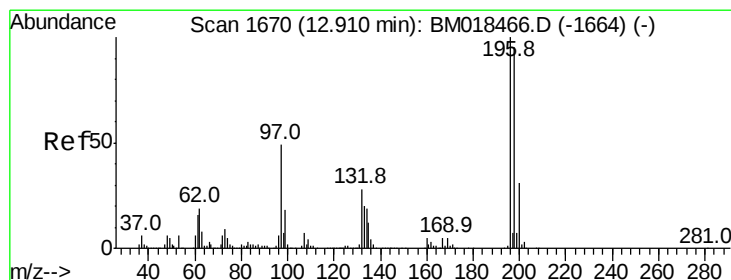
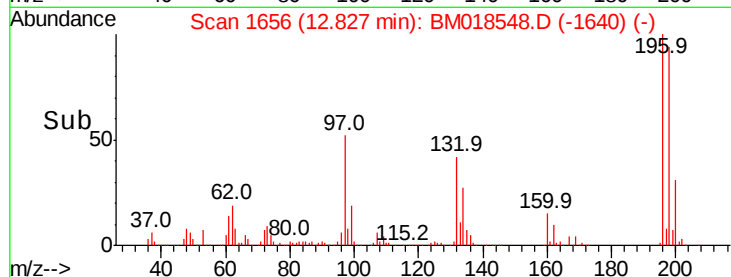
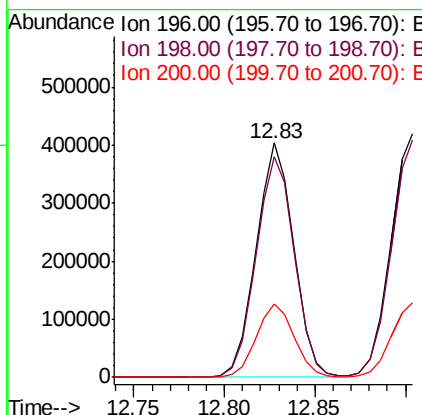
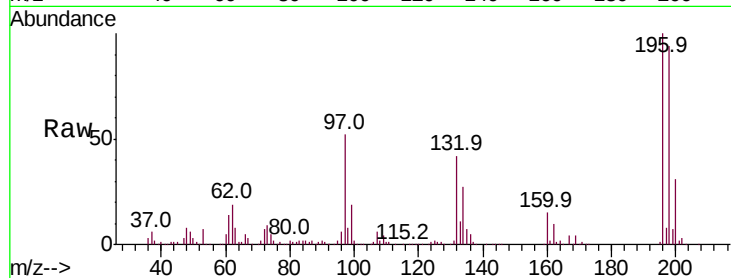




#43
 2,4,6-Trichlorophenol
 Concen: 36.981 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

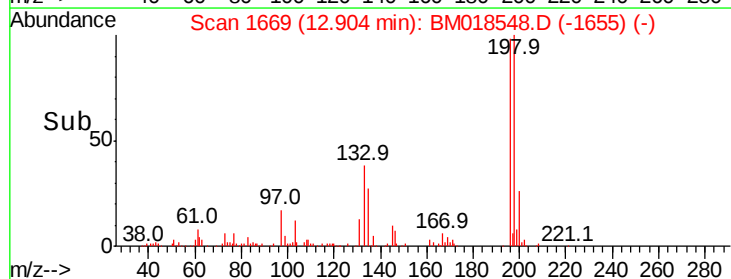
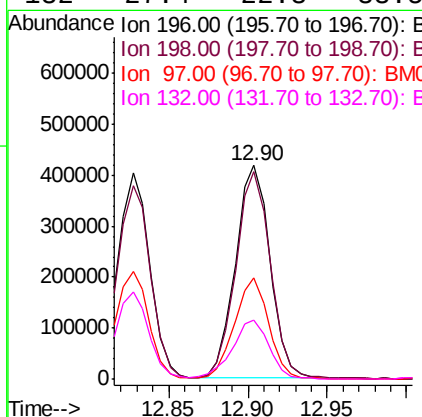
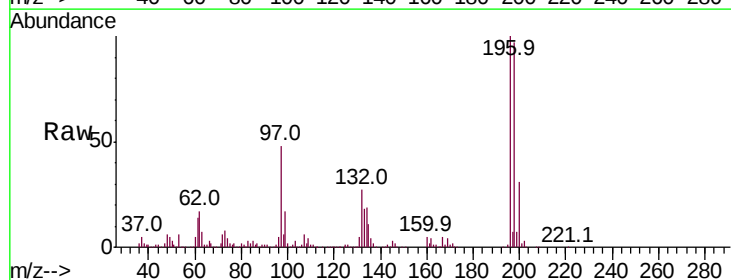
Instrument :
 BNA_M
 ClientSampleId :

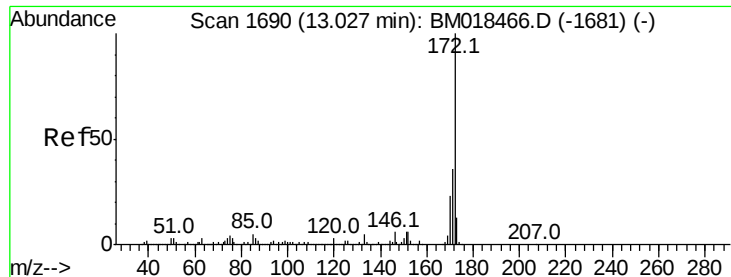
Tot Ion	196	Resp	581868
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.6	115.0
200	31.5	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 38.058 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion	196	Resp	629770
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.7	115.1
97	47.5	39.2	58.8
132	27.4	22.3	33.5

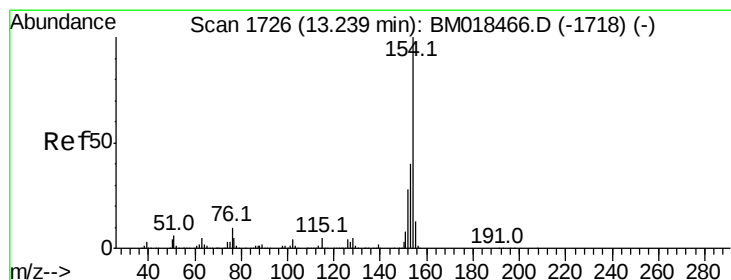
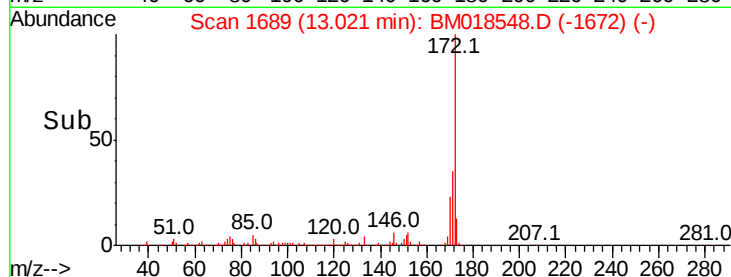
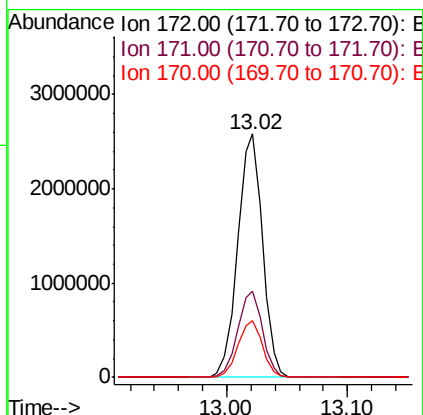
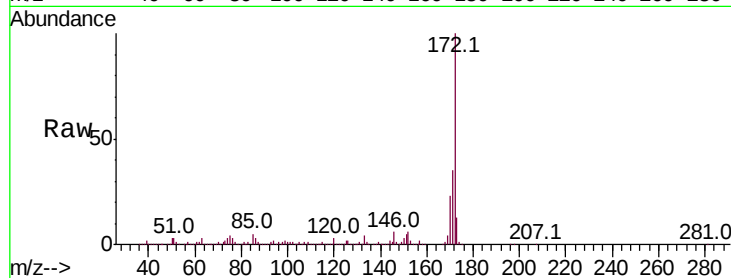




#45
2-Fluorobiphenyl
Concen: 65.111 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

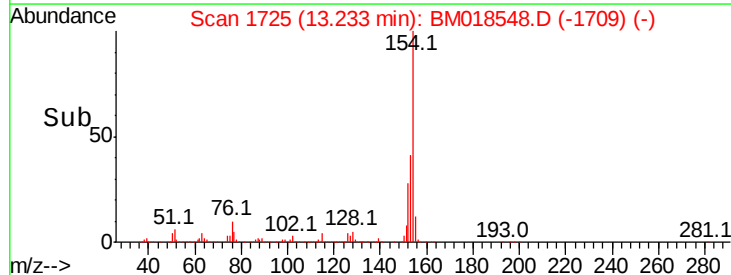
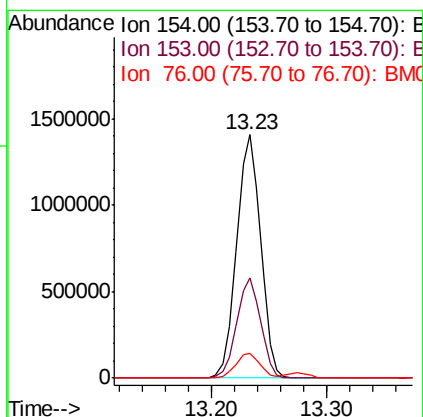
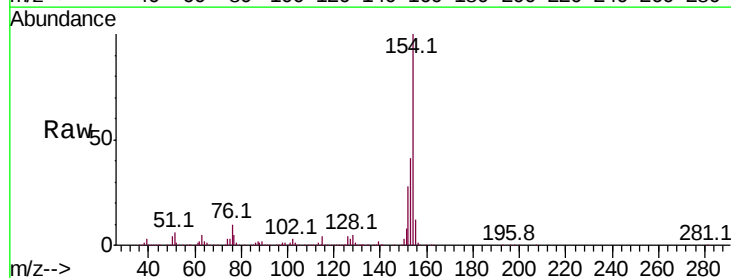
Instrument :
BNA_M
ClientSampleId :

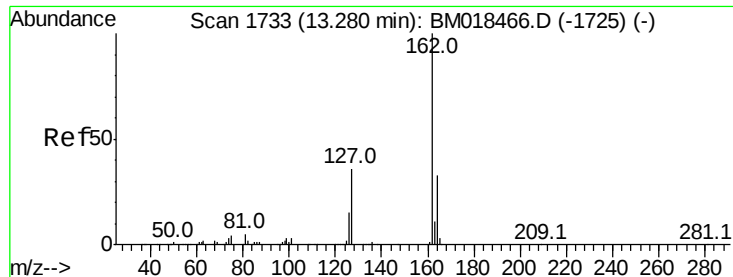
Tot Ion:172 Resp: 3697143
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 31.232 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:154 Resp: 2020552
Ion Ratio Lower Upper
154 100
153 41.2 20.5 60.5
76 10.0 0.0 31.9



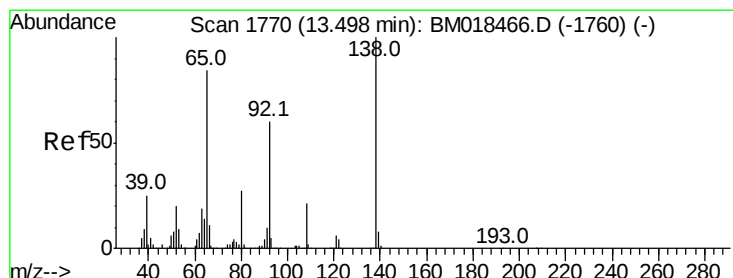
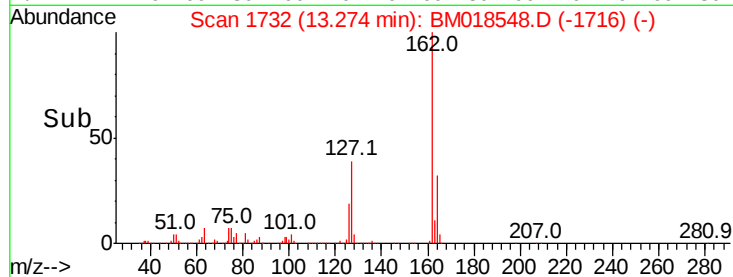
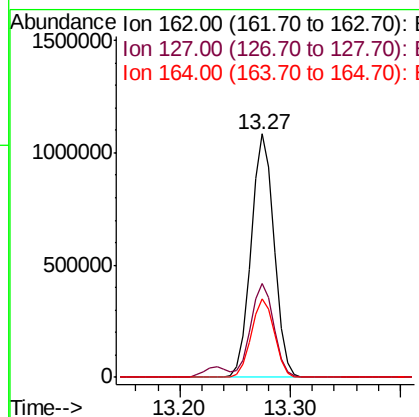
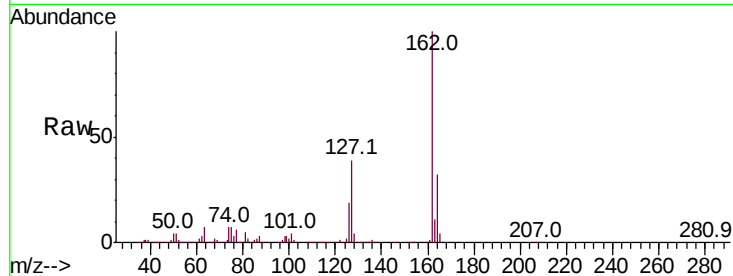


#47
 2-Chloronaphthalene
 Concen: 31.617 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 1586137

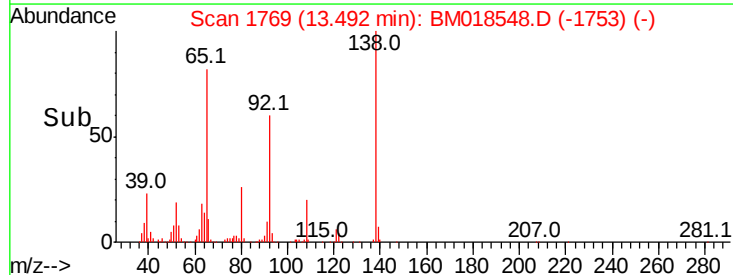
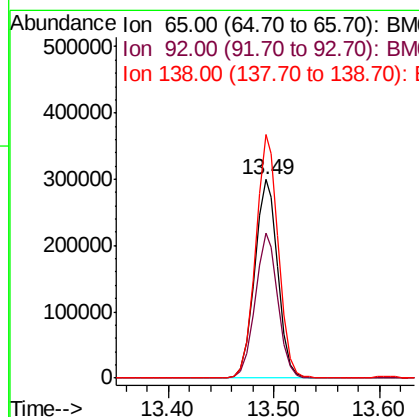
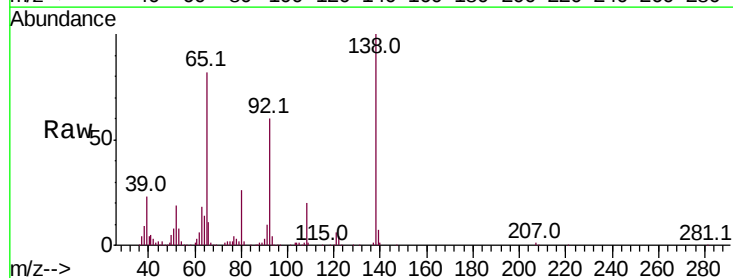
Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.4	47.0
164	32.3	26.2	39.4

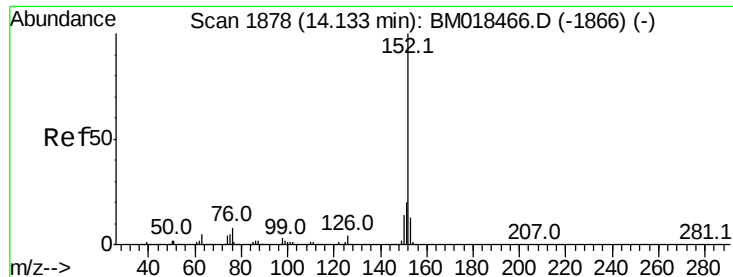


#48
 2-Nitroaniline
 Concen: 37.215 ng
 RT: 13.49 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion: 65 Resp: 459328

Ion	Ratio	Lower	Upper
65	100		
92	73.3	53.4	80.2
138	122.7	88.9	133.3





#49

Acenaphthylene

Concen: 36.284 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

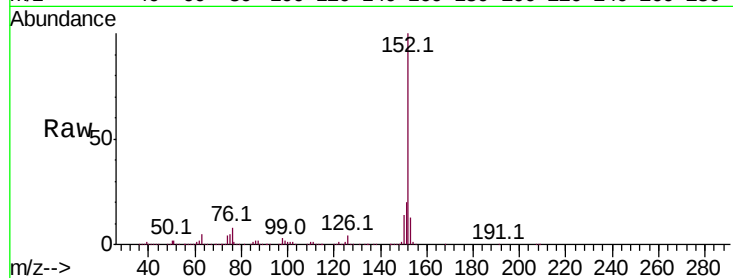
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2652723

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.2	10.5	15.7

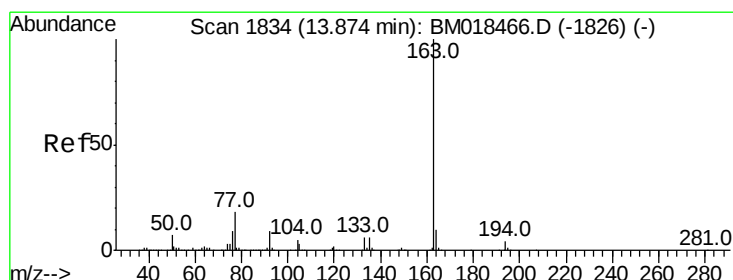
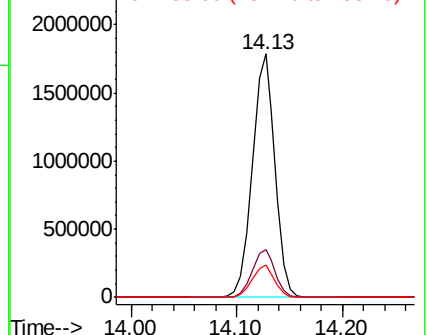
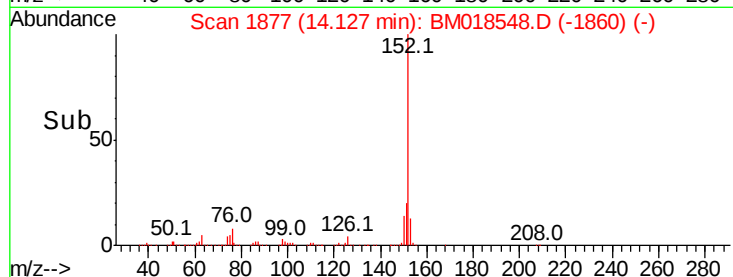


Abundance

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: 35.242 ng

RT: 13.86 min Scan# 1832

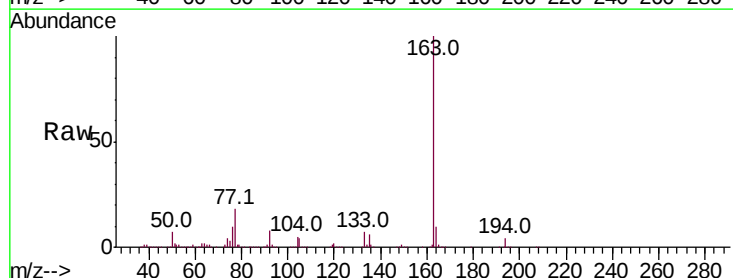
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:163 Resp: 2144490

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	7.8	11.8

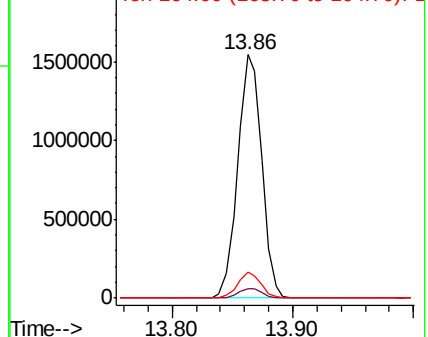
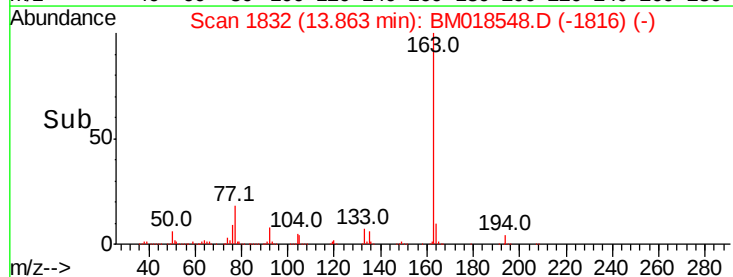


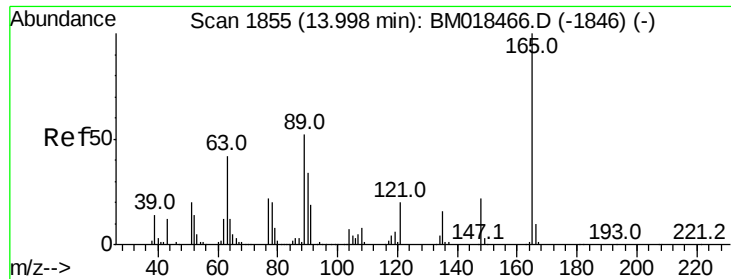
Abundance

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

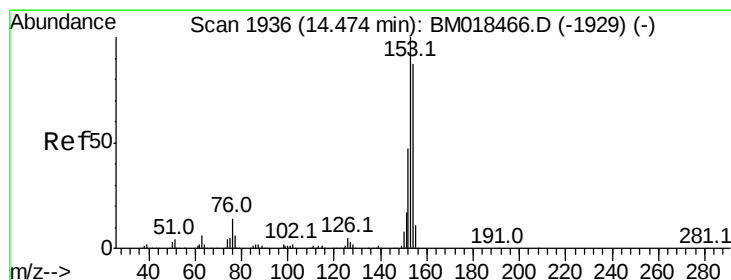
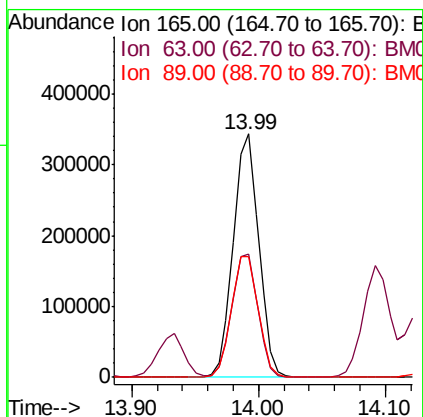
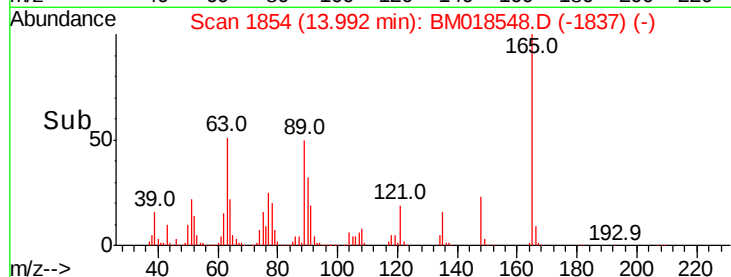
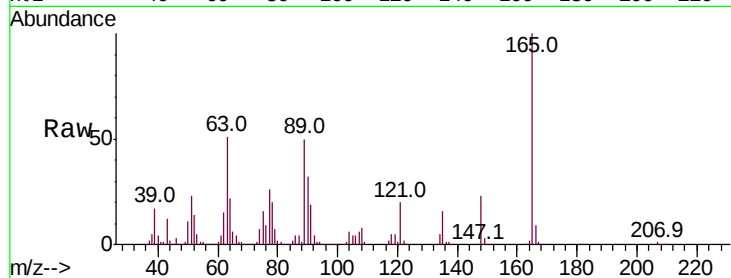




#51
 2,6-Dinitrotoluene
 Concen: 36.906 ng
 RT: 13.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

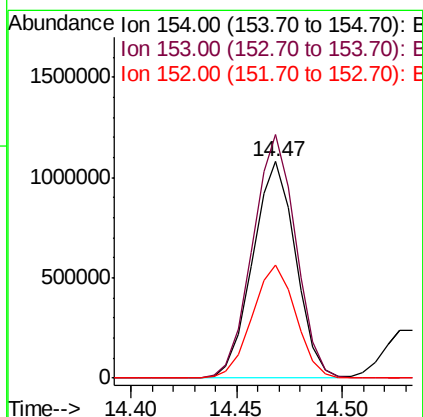
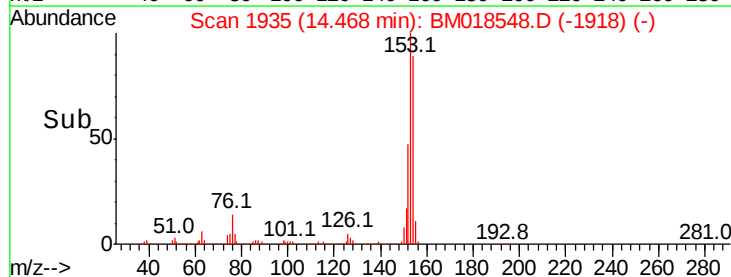
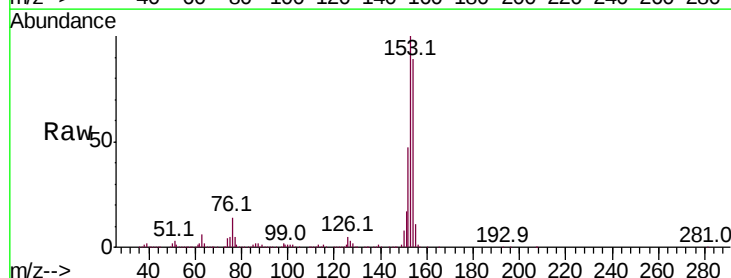
Instrument :
 BNA_M
 ClientSampled :

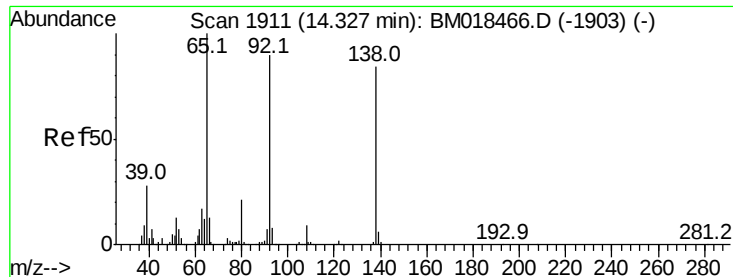
Tot Ion:165 Resp: 475704
 Ion Ratio Lower Upper
 165 100
 63 50.8 45.6 68.4
 89 49.8 44.6 66.8



#52
 Acenaphthene
 Concen: 34.206 ng
 RT: 14.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion:154 Resp: 1530170
 Ion Ratio Lower Upper
 154 100
 153 112.4 92.3 138.5
 152 52.3 43.8 65.6

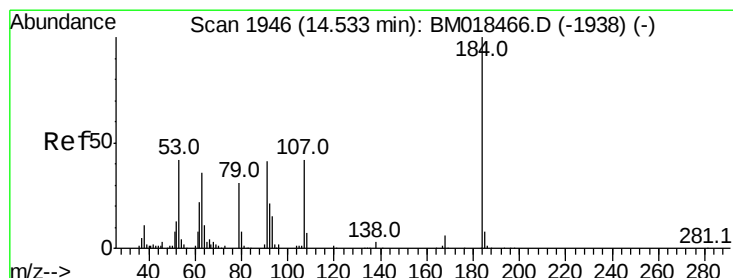
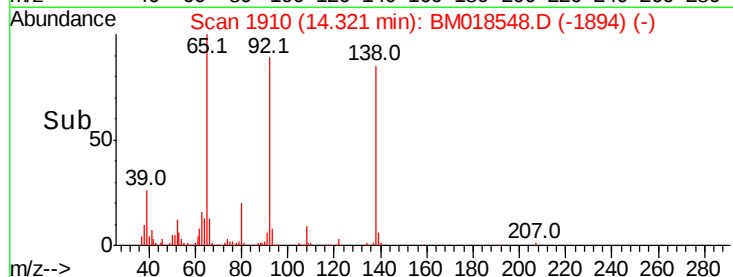
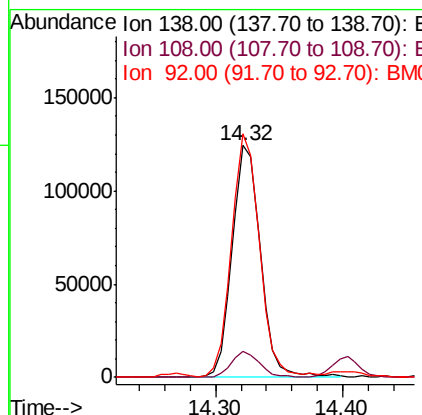
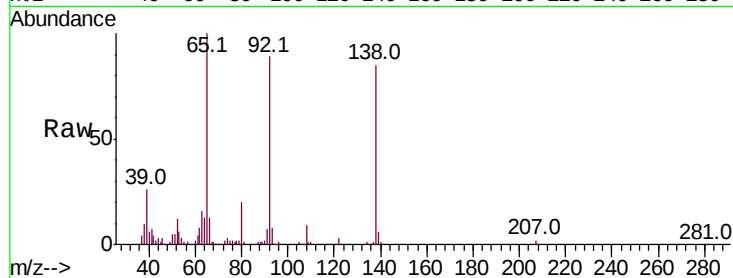




#53
3-Nitroaniline
Concen: 14.718 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

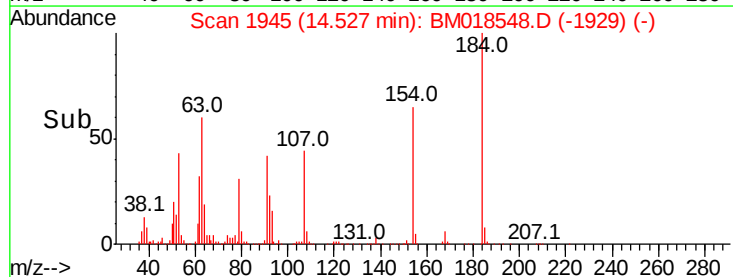
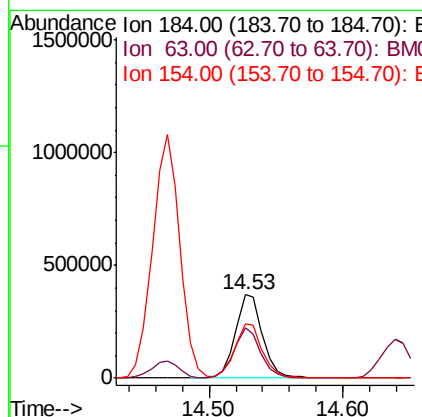
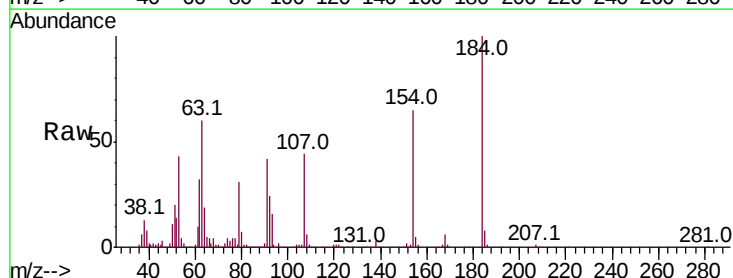
Instrument :
BNA_M
ClientSampleId :

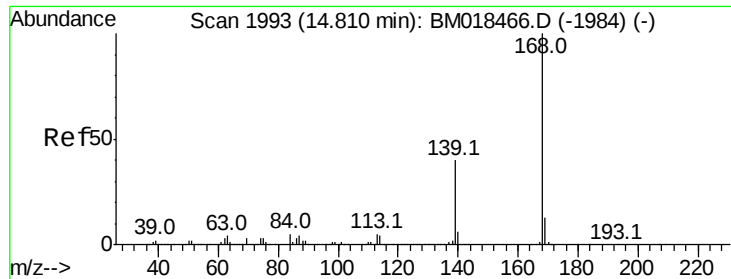
Tot Ion:138 Resp: 191259
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 105.0 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 76.073 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:184 Resp: 528112
Ion Ratio Lower Upper
184 100
63 59.7 55.9 83.9
154 65.2 54.2 81.4

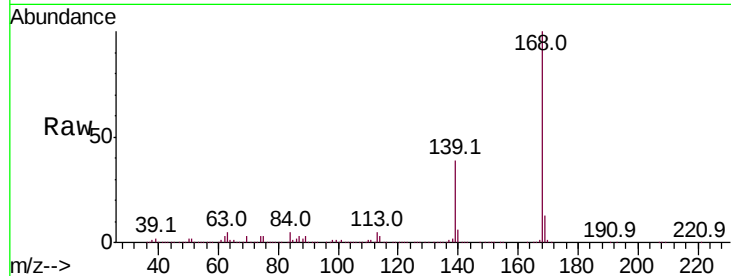




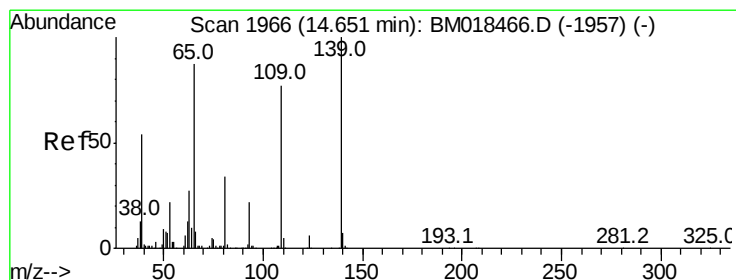
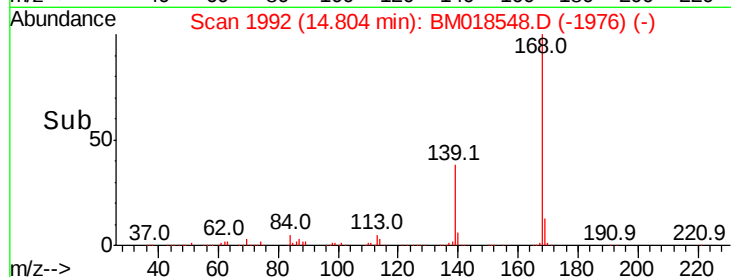
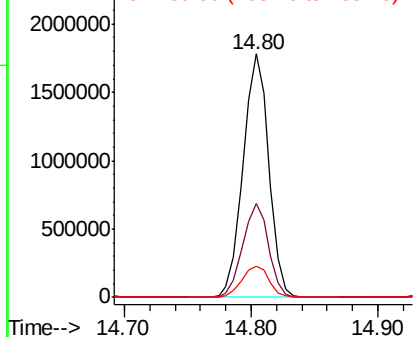
#55
Dibenzofuran
Concen: 33.862 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 2502781
Ion Ratio Lower Upper
168 100
139 38.7 30.3 45.5
169 13.0 10.6 16.0

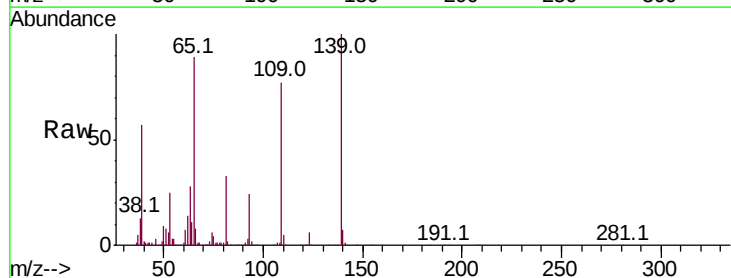


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

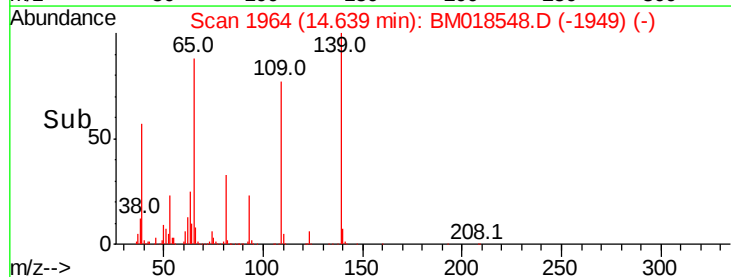
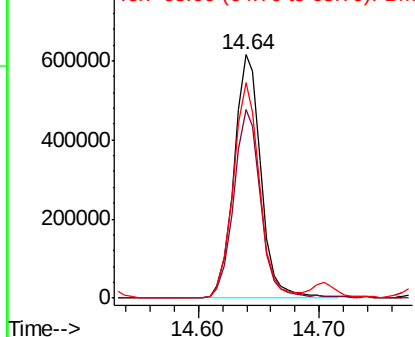


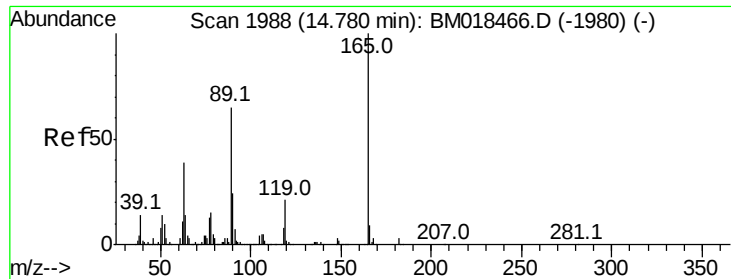
#56
4-Nitrophenol
Concen: 85.511 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:139 Resp: 959965
Ion Ratio Lower Upper
139 100
109 77.2 51.7 91.7
65 88.7 71.4 111.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

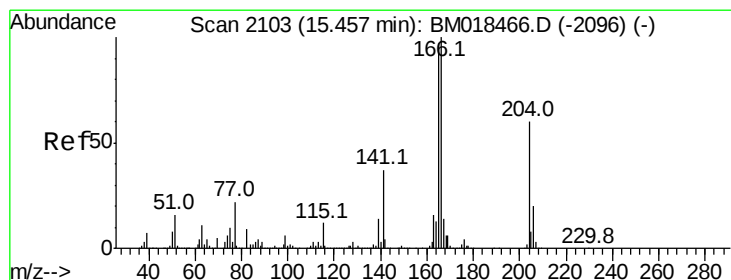
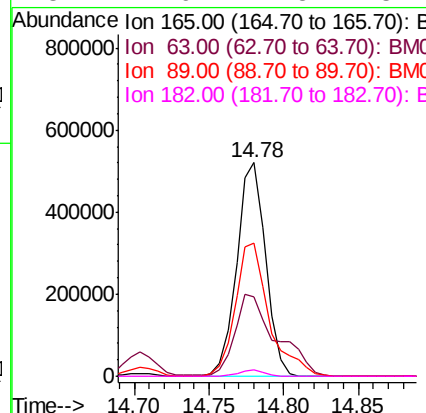
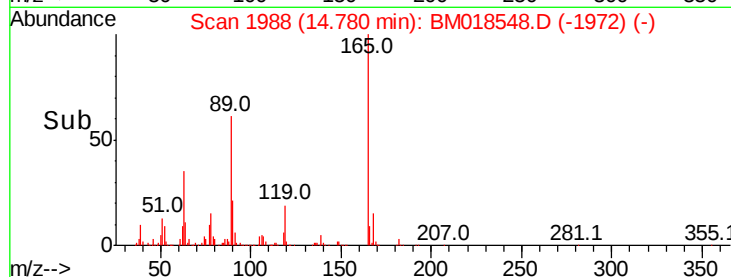
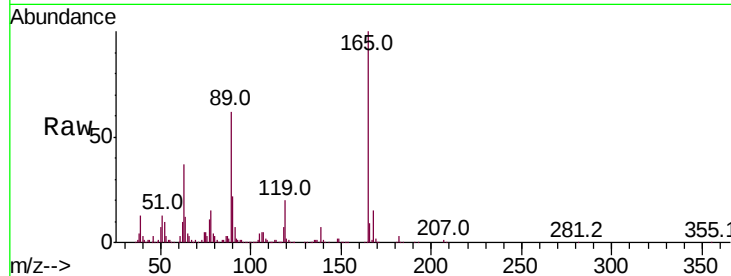




#57
 2,4-Dinitrotoluene
 Concen: 38.529 ng
 RT: 14.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

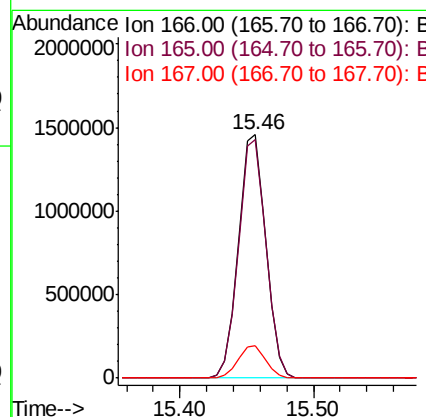
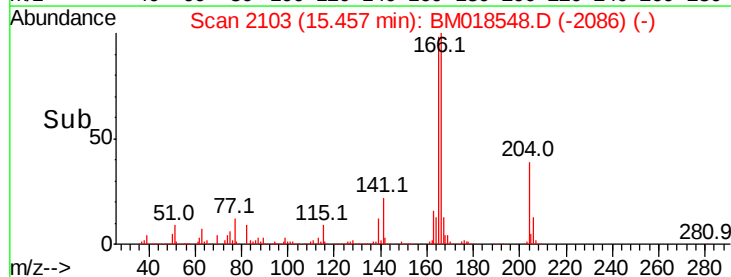
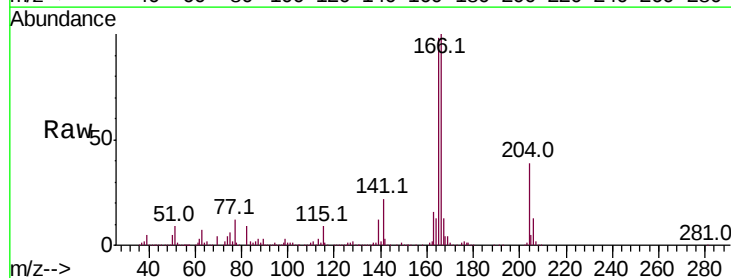
Instrument :
 BNA_M
 ClientSampleId :

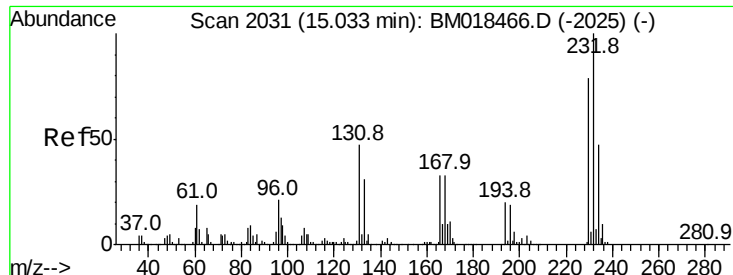
Tot Ion:165	Resp:	702667
Ion Ratio	Lower	Upper
165	100	
63	37.5	32.2 48.2
89	62.1	52.1 78.1
182	2.9	2.5 3.7



#58
 Fluorene
 Concen: 37.807 ng
 RT: 15.46 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion:166	Resp:	2081625
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.3 117.5
167	13.3	10.9 16.3

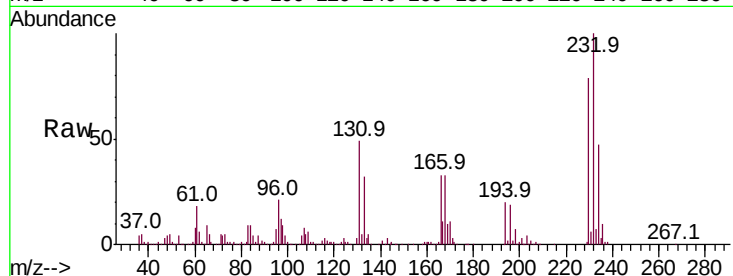




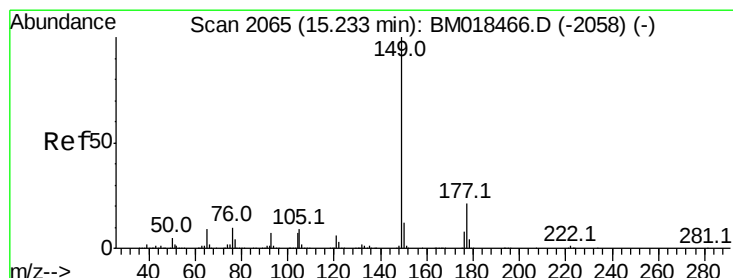
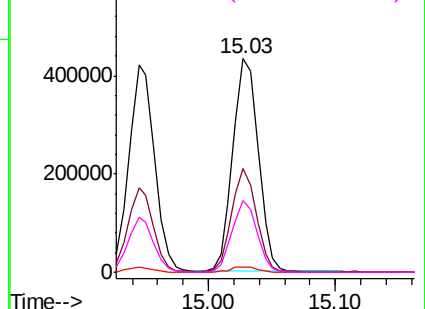
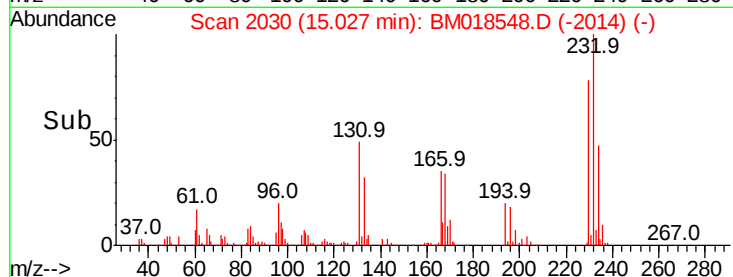
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.218 ng
RT: 15.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 604572
Ion Ratio Lower Upper
232 100
131 47.2 38.6 57.8
130 2.6 2.2 3.4
166 32.7 27.2 40.8

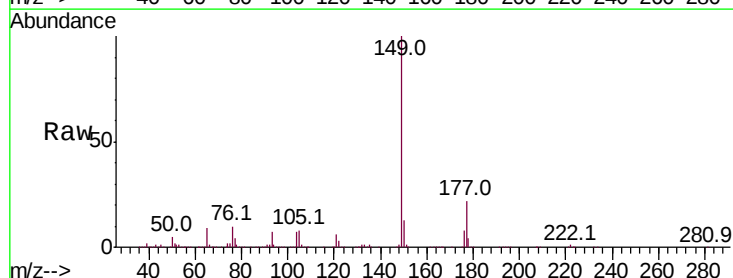


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

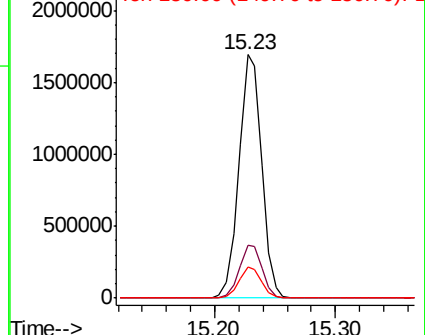
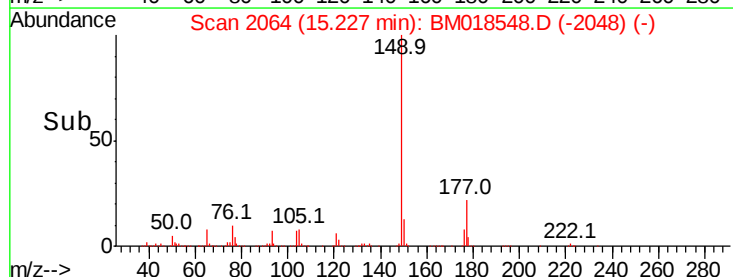


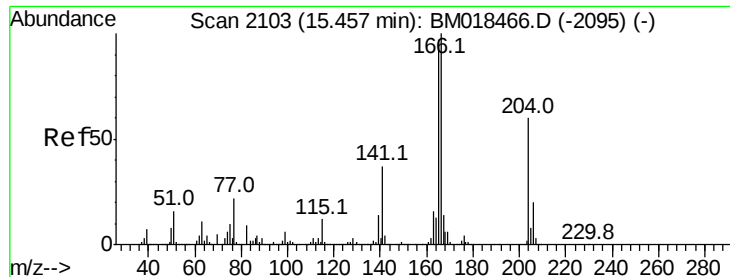
#60
Diethylphthalate
Concen: 36.086 ng
RT: 15.23 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:149 Resp: 2216757
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.7 9.8 14.6



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

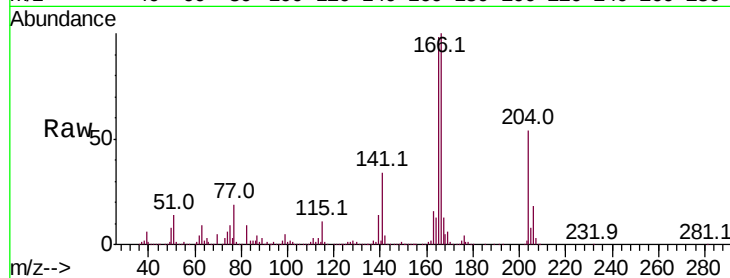




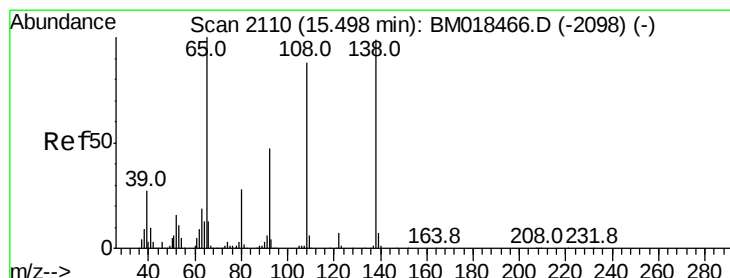
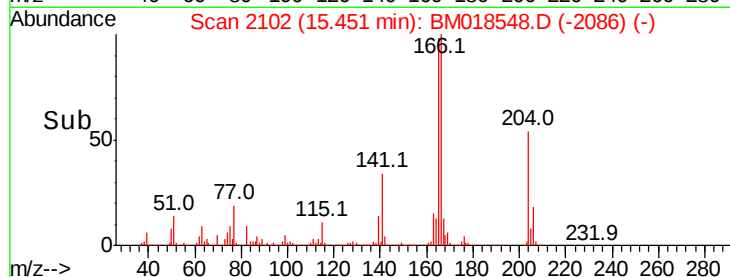
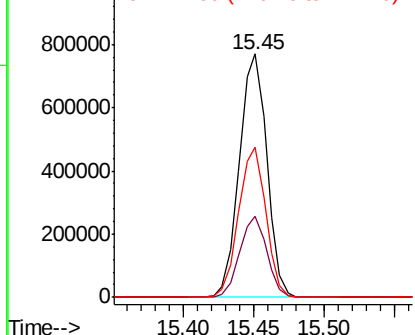
#61
4-Chlorophenyl-phenylether
Concen: 33.014 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1047654
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 61.7 49.5 74.3

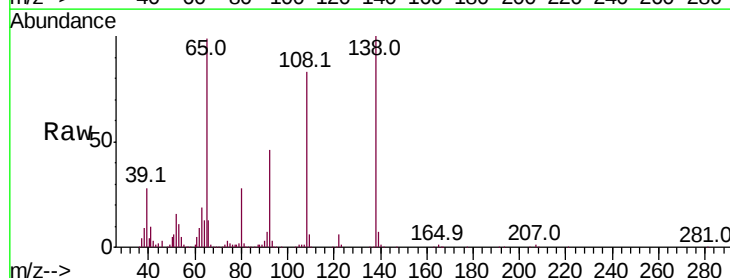


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

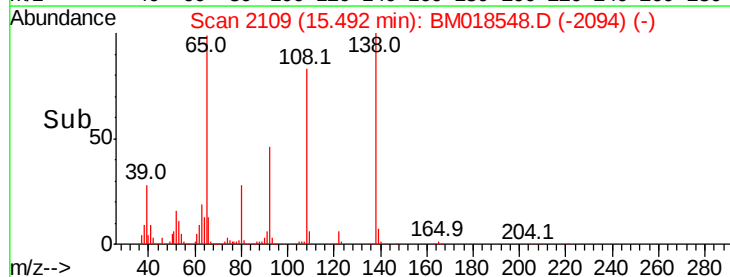
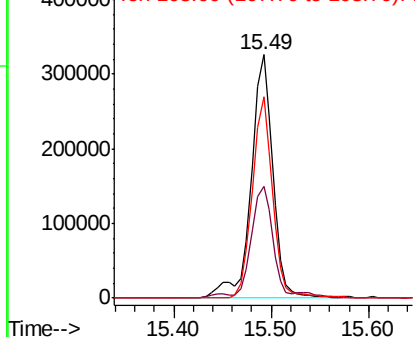


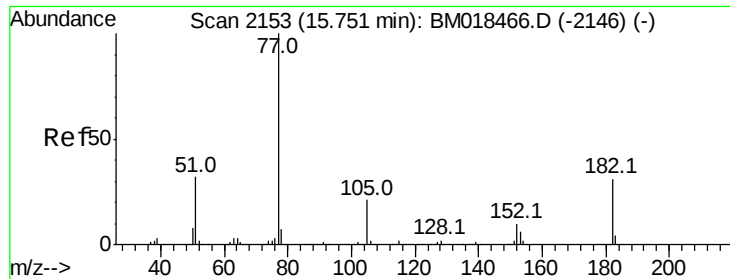
#62
4-Nitroaniline
Concen: 35.877 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:138 Resp: 508524
Ion Ratio Lower Upper
138 100
92 45.8 29.0 69.0
108 82.7 63.9 103.9



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

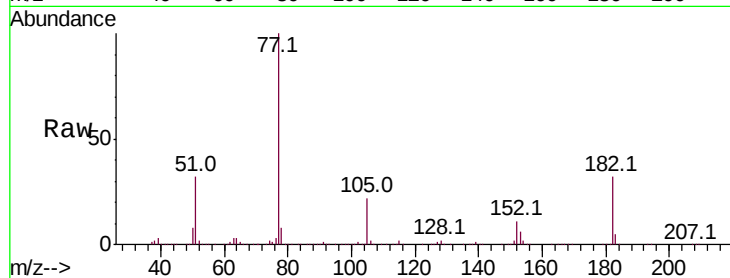




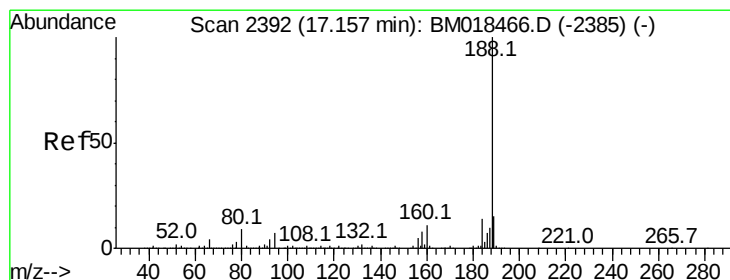
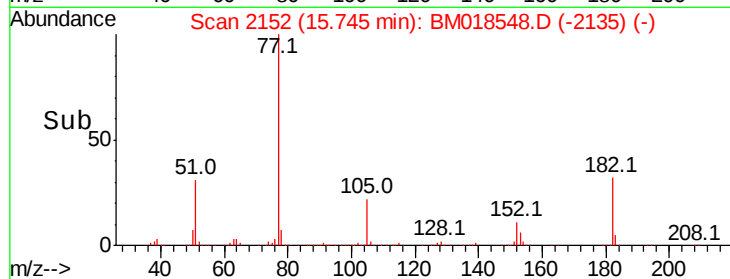
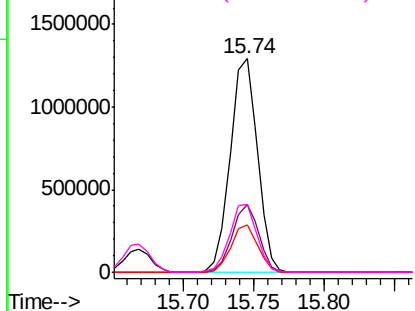
#63
Azobenzene
Concen: 34.637 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1734761
Ion Ratio Lower Upper
77 100
182 32.0 7.4 47.4
105 22.0 0.0 39.6
51 31.6 12.0 52.0

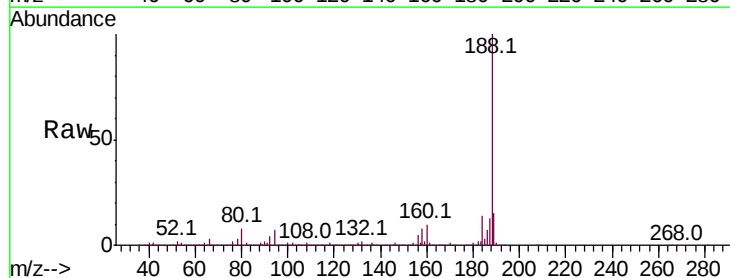


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)

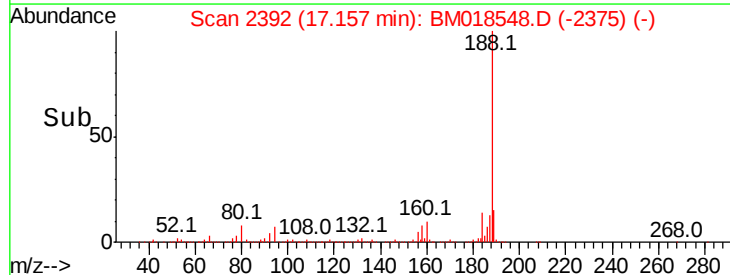
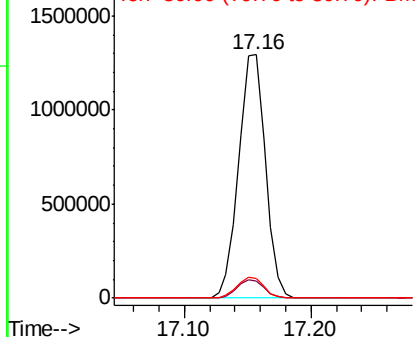


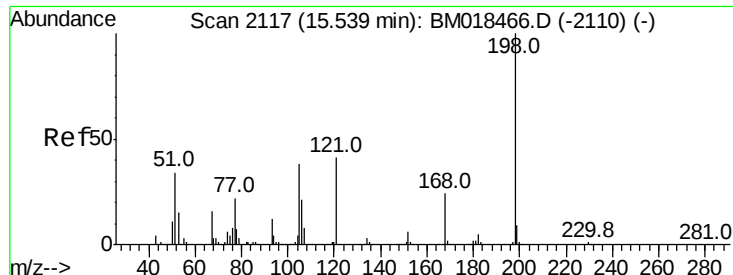
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion: 188 Resp: 1892480
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 7.8 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)
Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)
Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

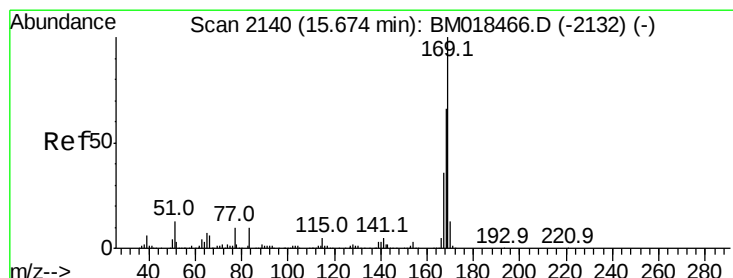
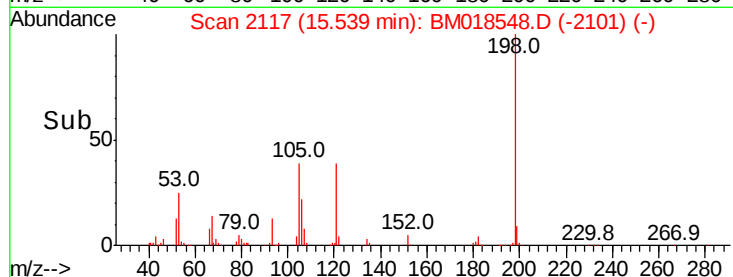
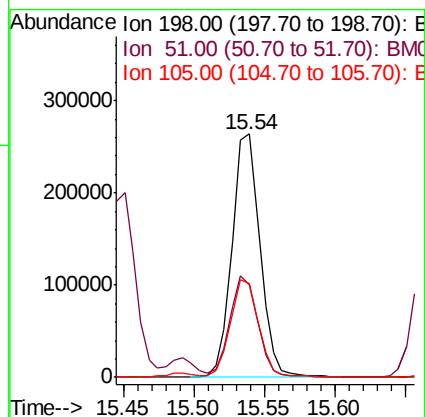
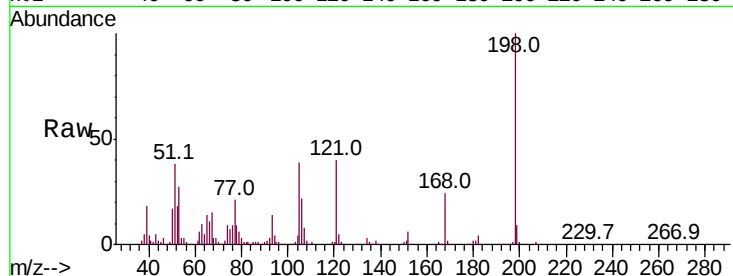




#65
4,6-Dinitro-2-methylphenol
Concen: 32.328 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

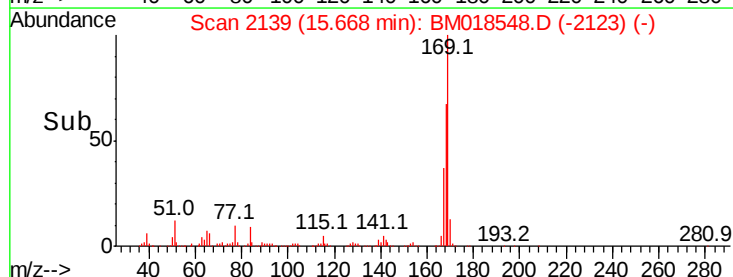
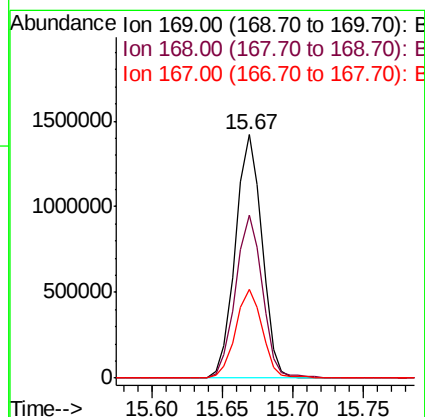
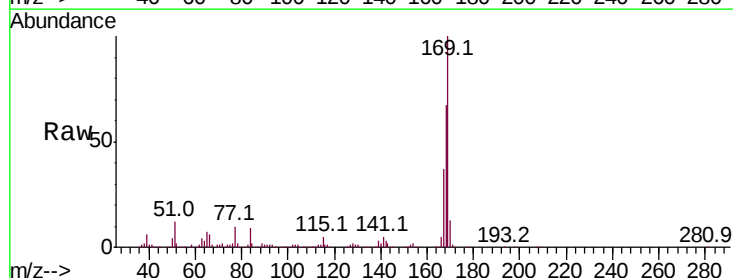
Instrument :
BNA_M
ClientSampleId :

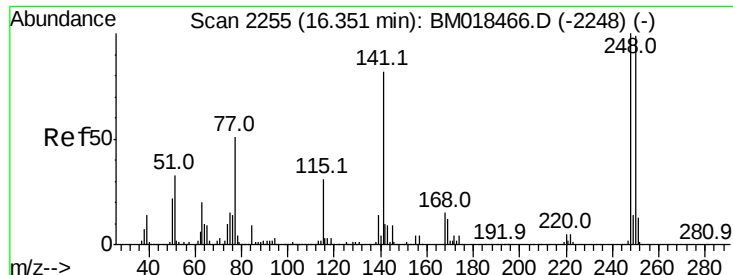
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.8	29.6	69.6
105	38.8	25.5	65.5



#66
n-Nitrosodiphenylamine
Concen: 31.866 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.1	81.1
167	36.5	28.6	42.8

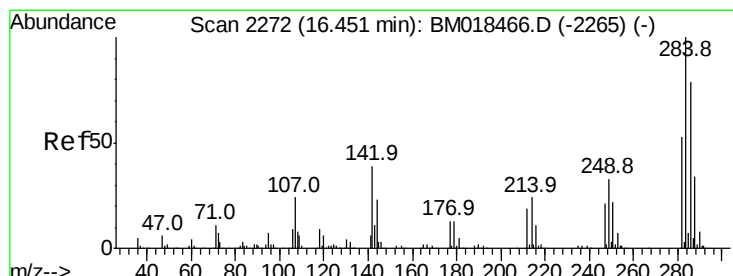
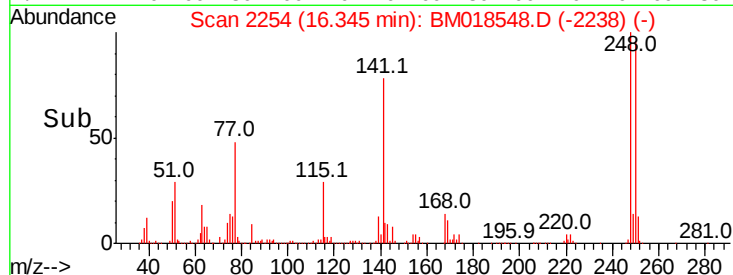
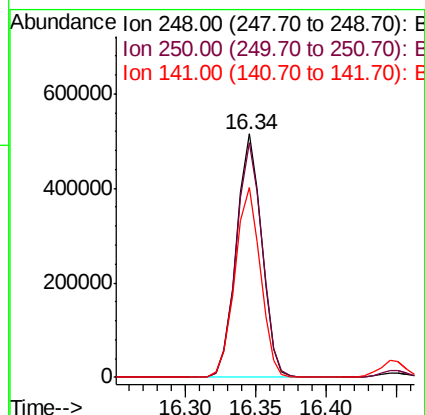
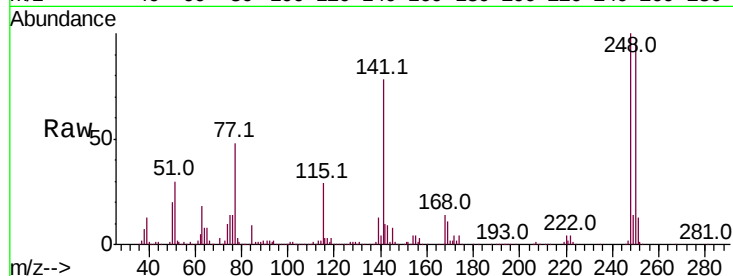




#67
4-Bromophenyl-phenylether
Concen: 30.602 ng
RT: 16.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

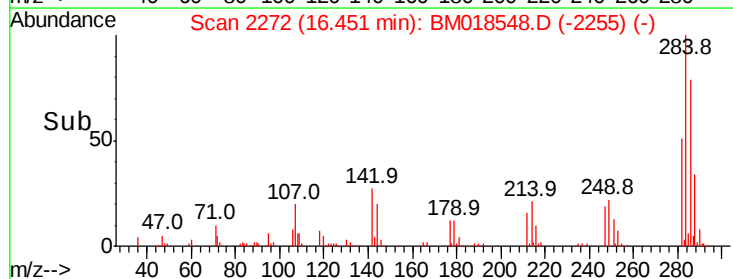
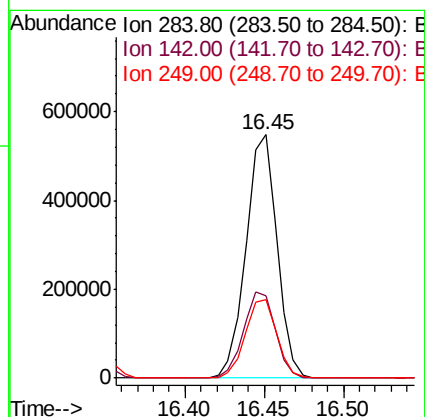
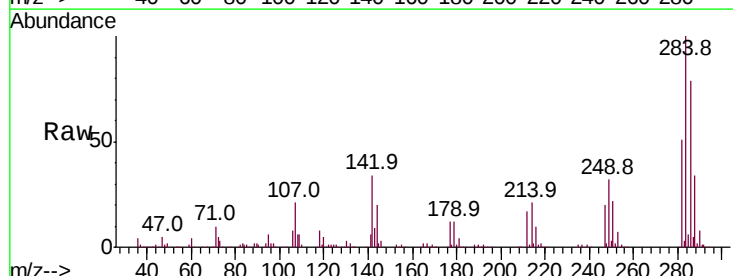
Instrument :
BNA_M
ClientSampleId :

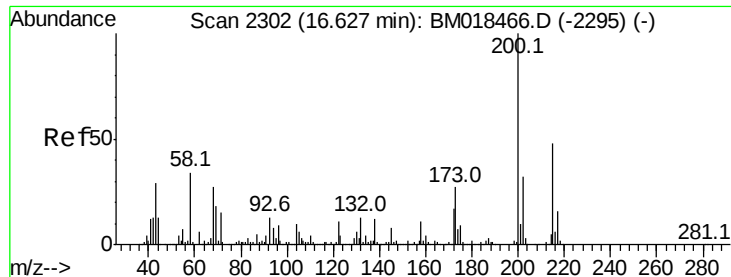
Tot Ion:248 Resp: 648081
Ion Ratio Lower Upper
248 100
250 96.2 76.0 114.0
141 77.9 61.5 92.3



#68
Hexachlorobenzene
Concen: 31.458 ng
RT: 16.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:284 Resp: 745815
Ion Ratio Lower Upper
284 100
142 33.6 29.2 43.8
249 32.0 26.1 39.1

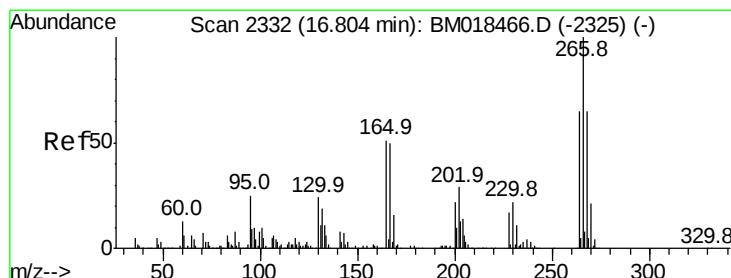
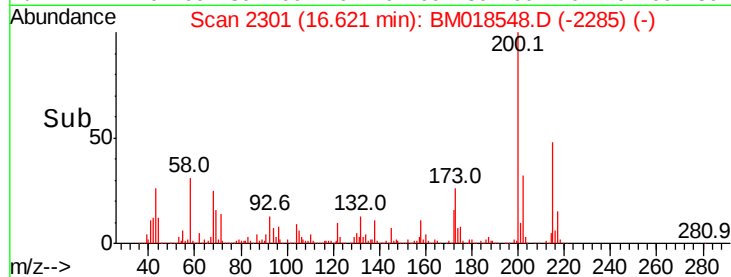
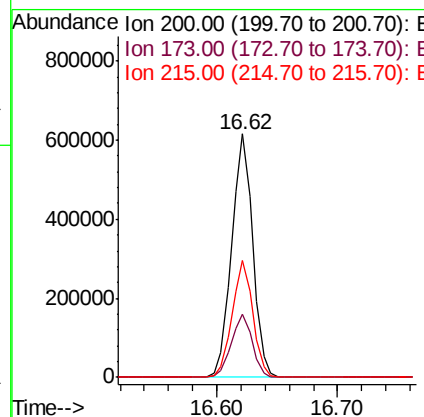
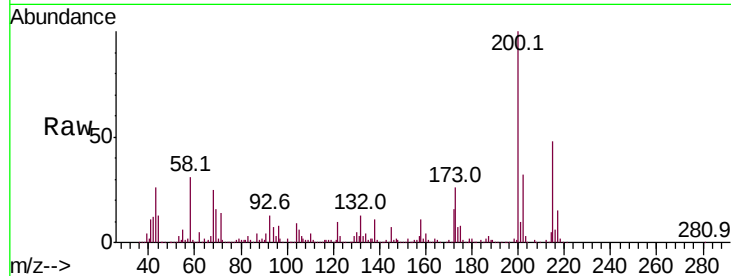




#69
 Atrazine
 Concen: 35.035 ng
 RT: 16.62 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

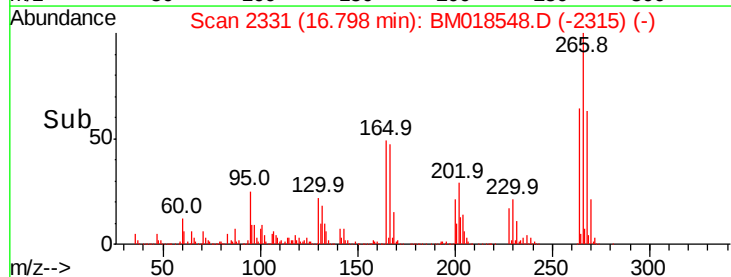
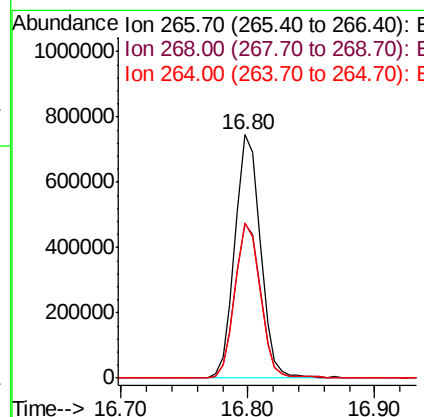
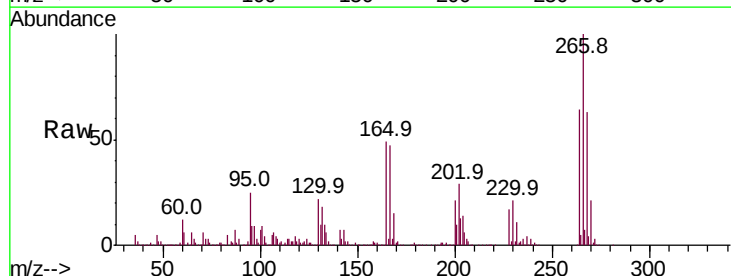
Instrument :
 BNA_M
 ClientSampleId :

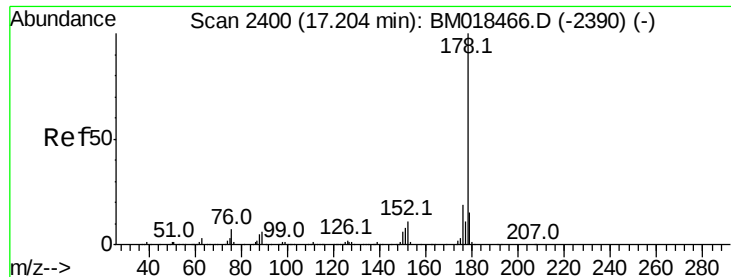
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.2	47.2
215	48.0	28.3	68.3



#70
 Pentachlorophenol
 Concen: 67.155 ng
 RT: 16.80 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	63.7	50.1	75.1





#71

Phenanthrene

Concen: 35.305 ng

RT: 17.20 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

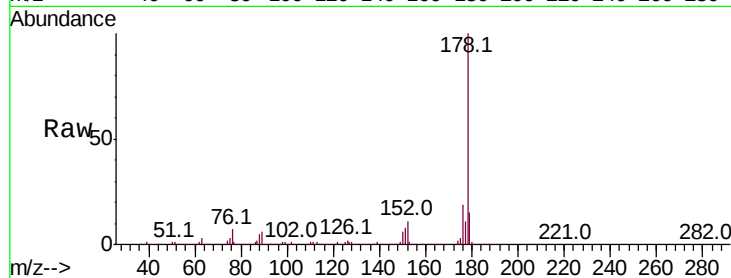
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3553779

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.4	12.2	18.4

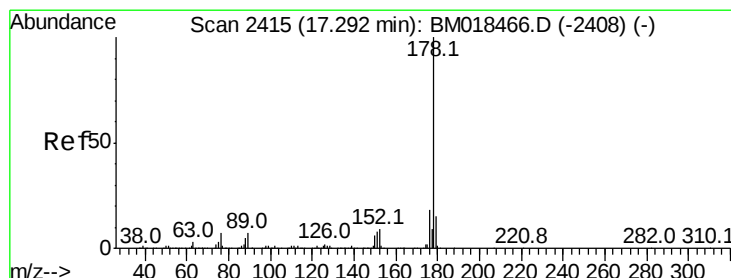
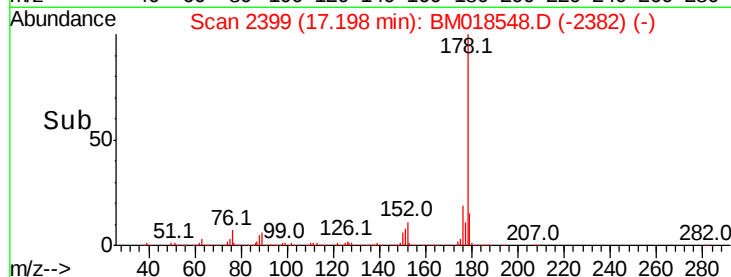
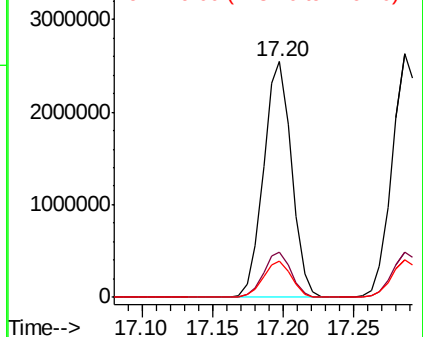


Abundance

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: 37.514 ng

RT: 17.29 min Scan# 2414

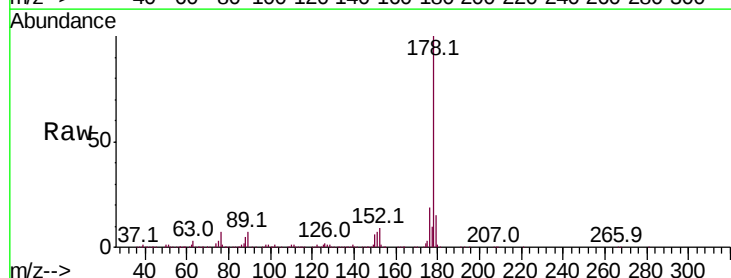
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:178 Resp: 3631249

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.5	12.2	18.4

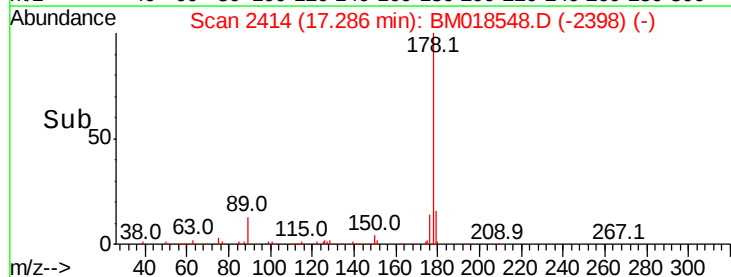
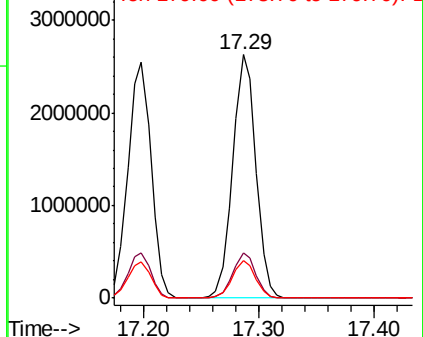


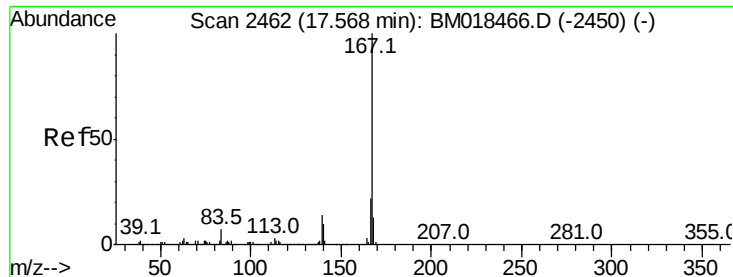
Abundance

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



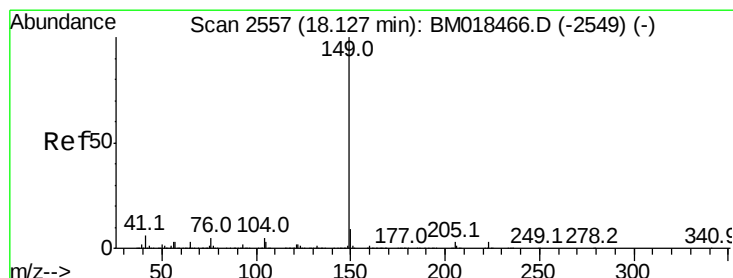
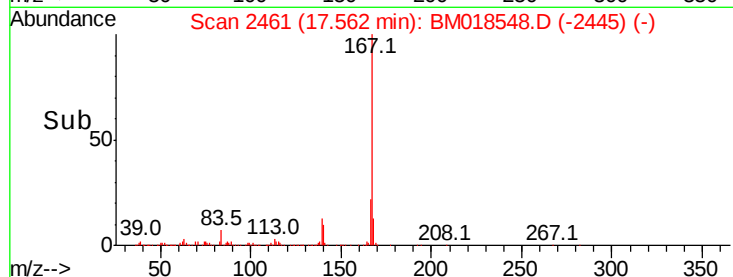
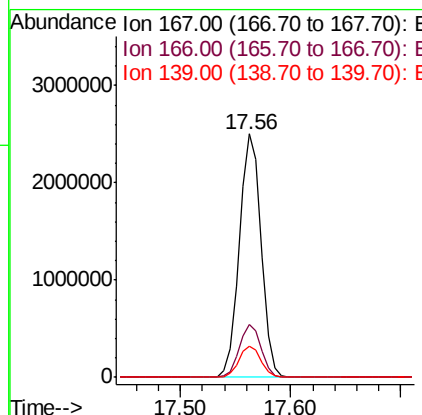
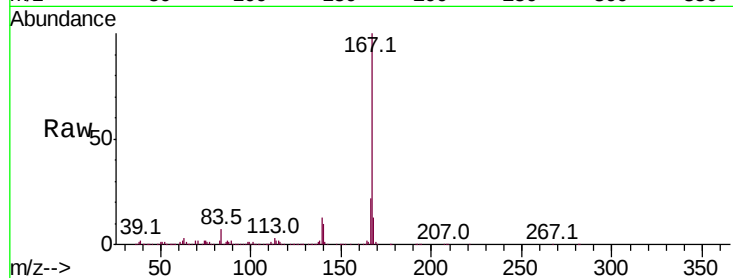


#73
 Carbazole
 Concen: 34.897 ng
 RT: 17.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3470403

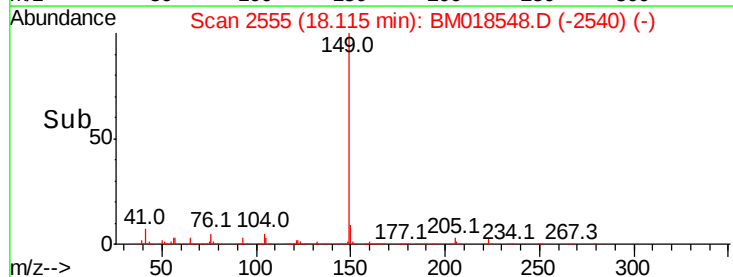
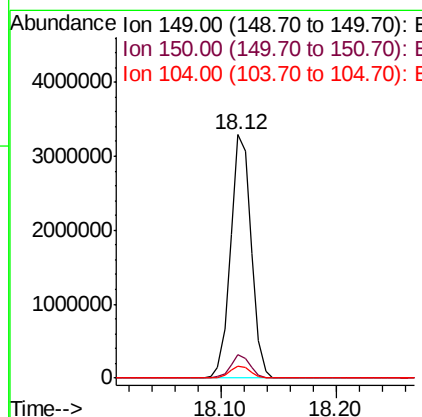
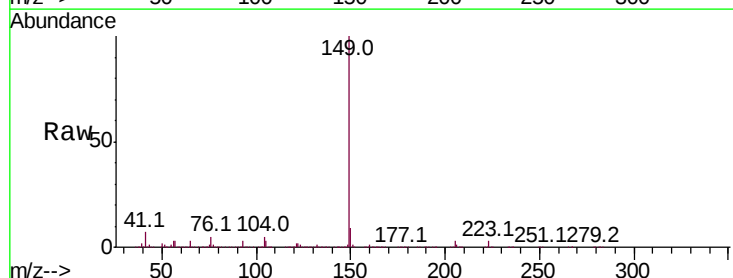
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.0	10.6	16.0

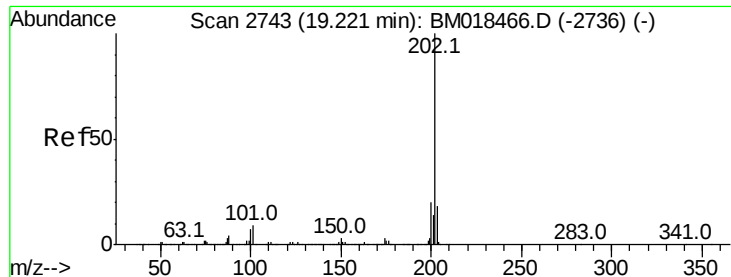


#74
 Di-n-butylphthalate
 Concen: 37.053 ng
 RT: 18.12 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion:149 Resp: 4036212

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 39.569 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

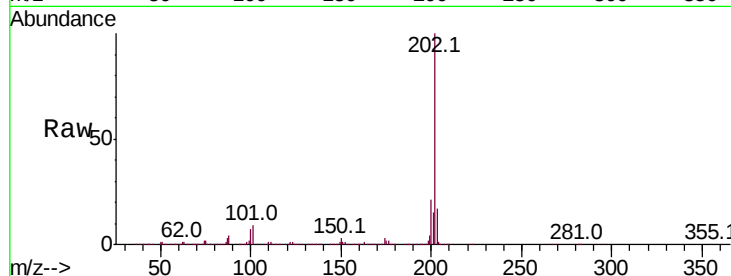
Tot Ion:202 Resp: 4592112

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.9

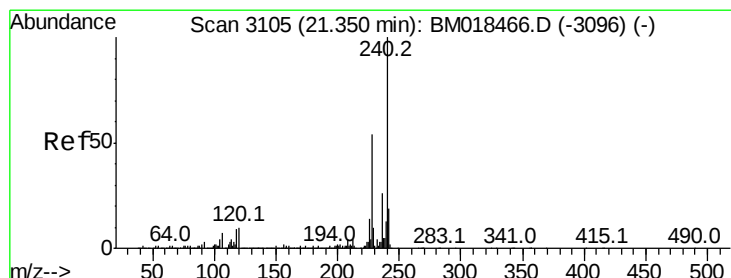
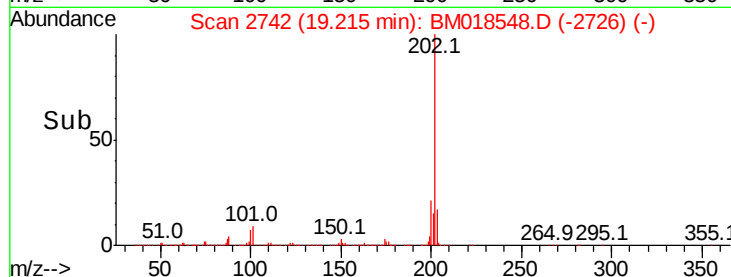
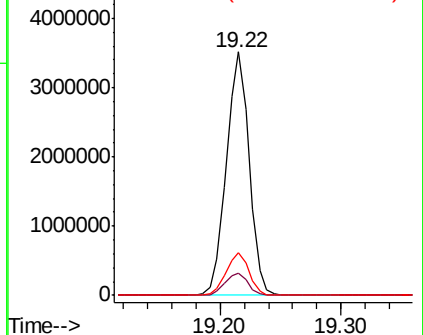
203 17.5 0.0 37.4



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: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

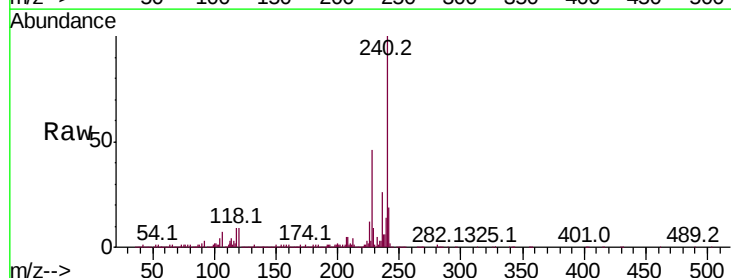
Tgt Ion:240 Resp: 2463624

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

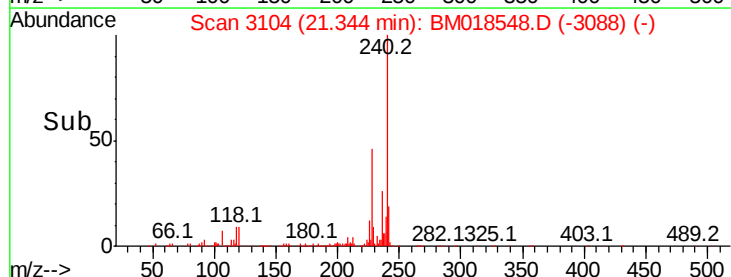
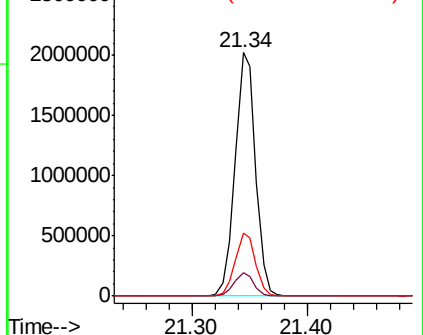
236 26.1 20.7 31.1

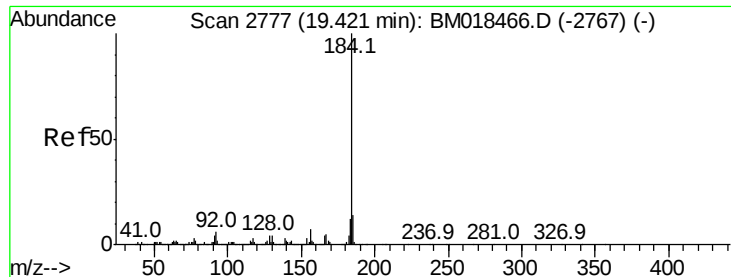


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.769 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

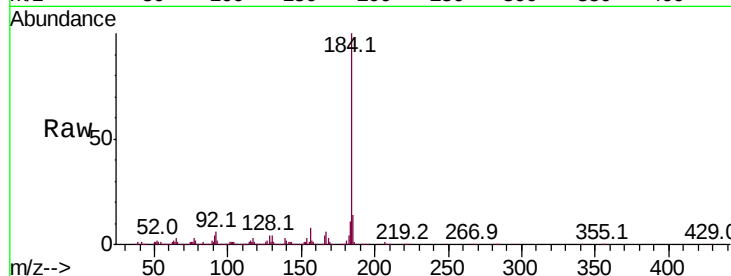
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2175867

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.4	9.5	14.3

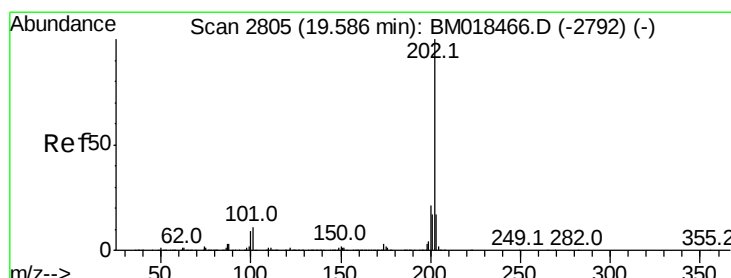
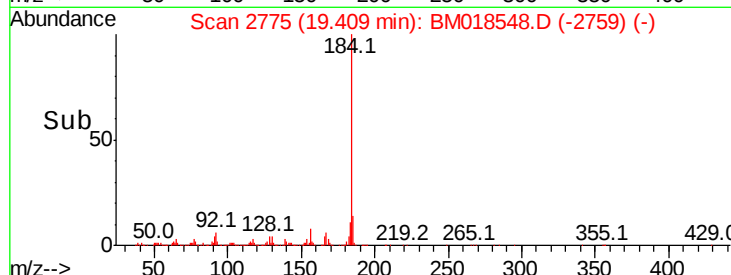
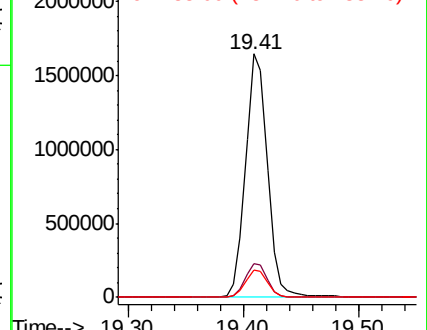


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.783 ng

RT: 19.58 min Scan# 2804

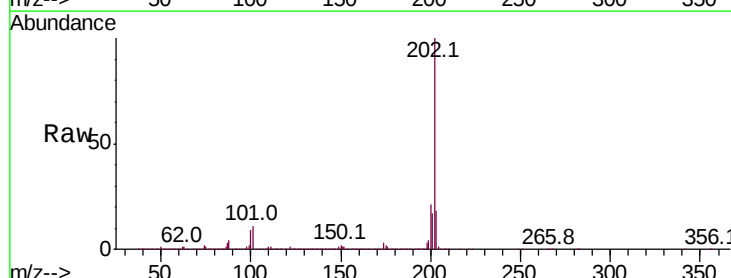
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:202 Resp: 4787407

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.8	13.8	20.8

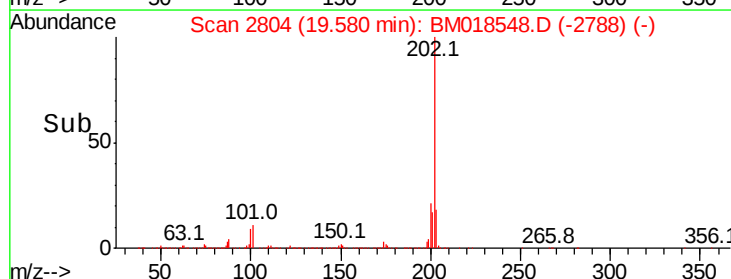
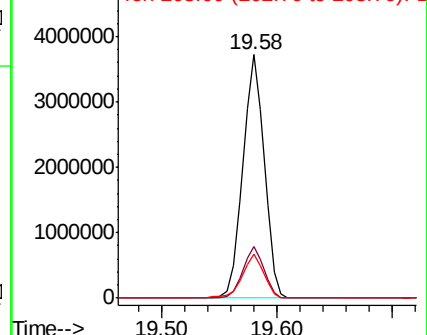


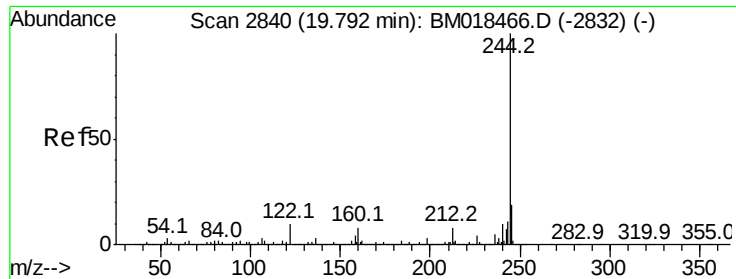
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.743 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

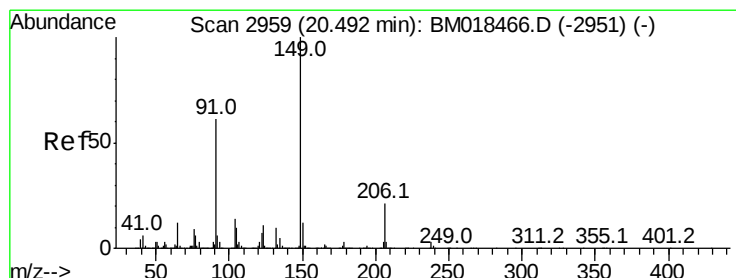
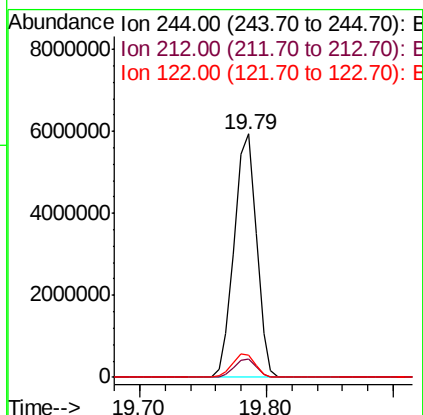
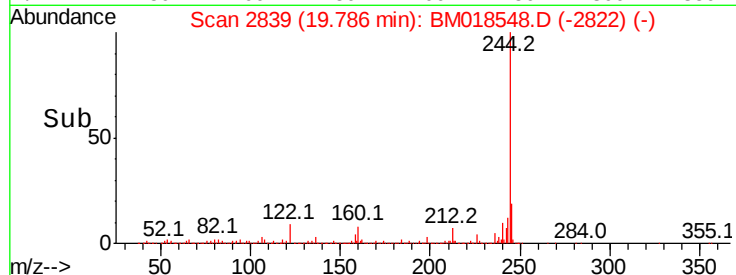
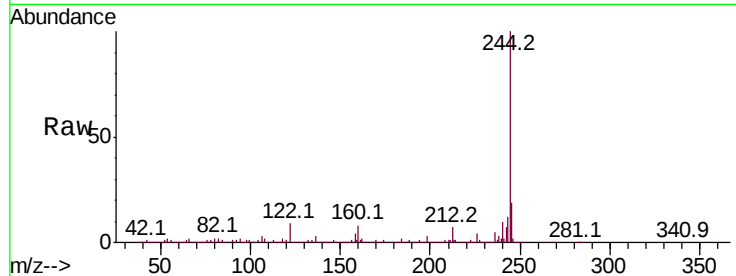
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 7215819

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.3	9.0	13.4



#80

Butylbenzylphthalate

Concen: 35.094 ng

RT: 20.48 min Scan# 2957

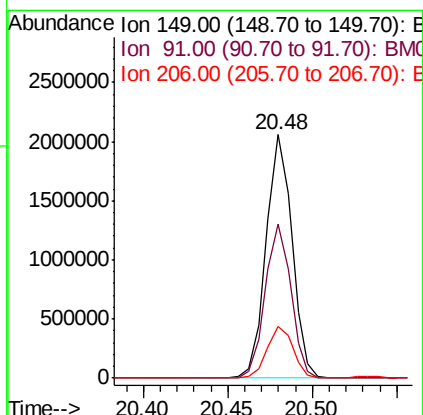
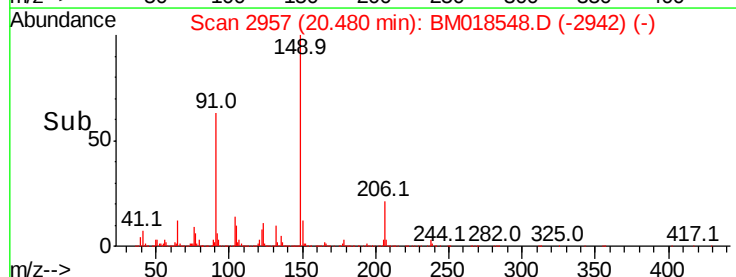
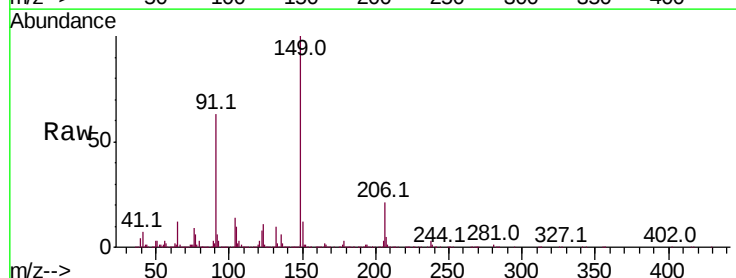
Delta R.T. -0.01 min

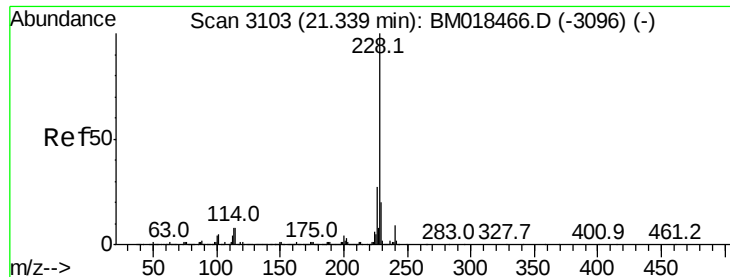
Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:149 Resp: 2186786

Ion	Ratio	Lower	Upper
149	100		
91	63.2	53.1	79.7
206	21.0	16.2	24.4





#81

Benzo(a)anthracene

Concen: 36.161 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

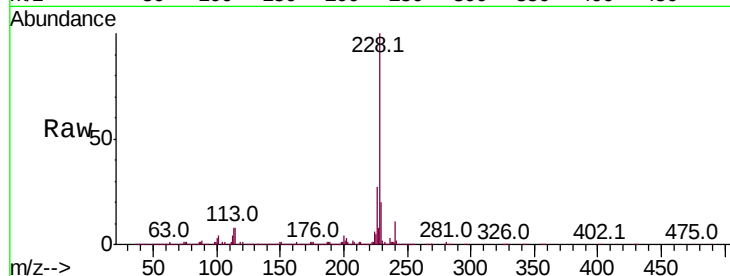
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 5248203

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.8	15.8	23.8

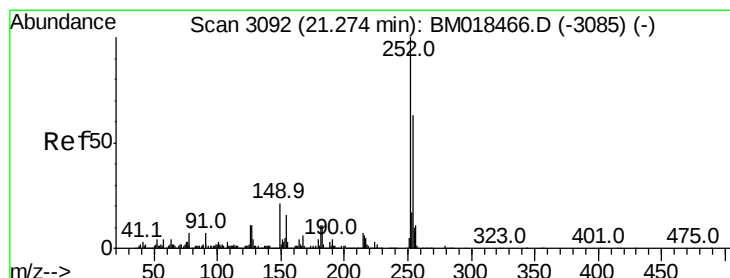
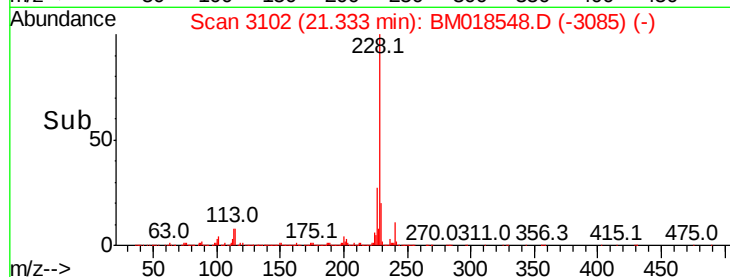
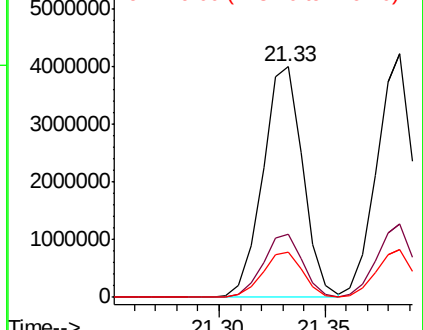


Abundance

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: 18.791 ng

RT: 21.27 min Scan# 3091

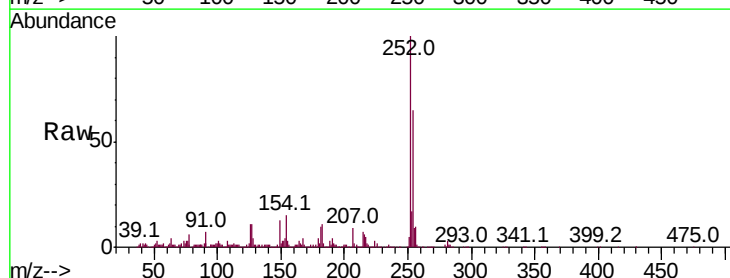
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:252 Resp: 1031292

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.0
126	10.8	8.7	13.1

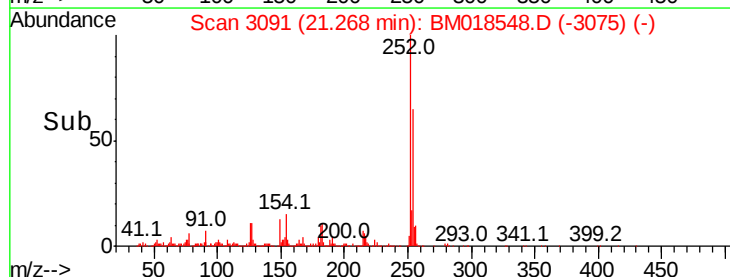
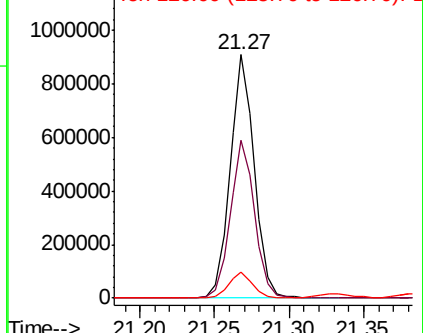


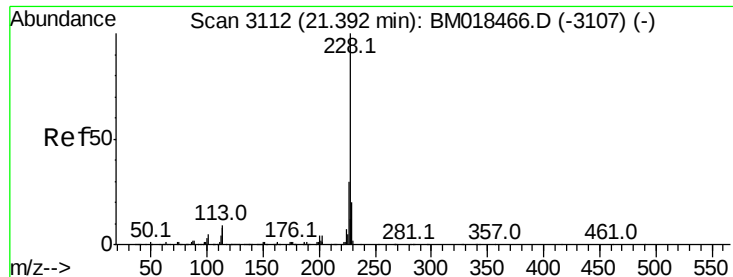
Abundance

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



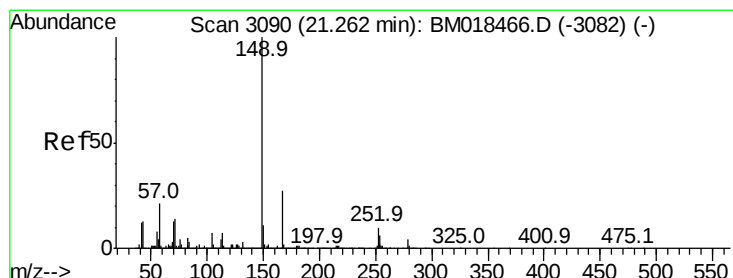
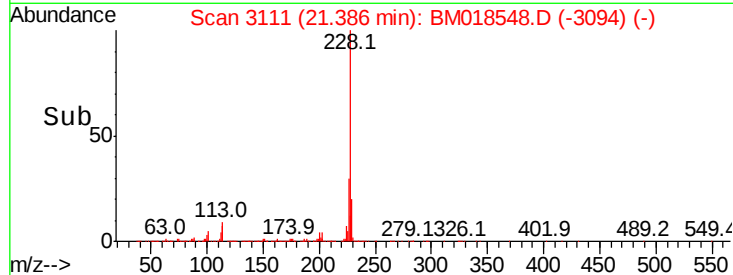
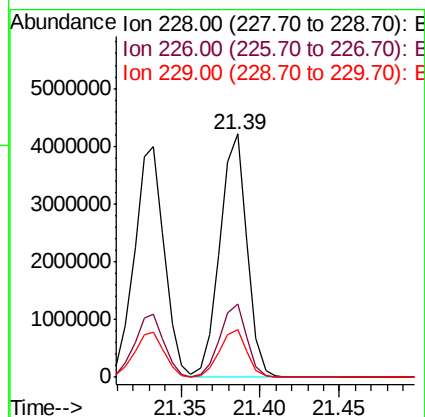
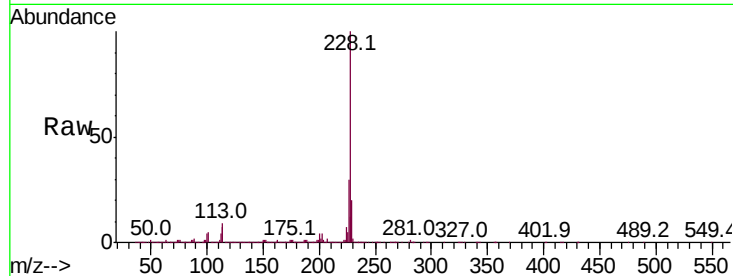


#83
 Chrysene
 Concen: 35.567 ng
 RT: 21.39 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 4984763

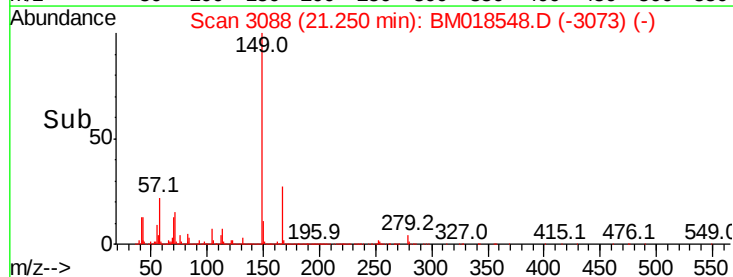
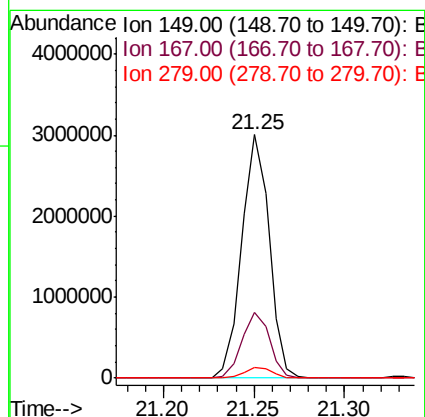
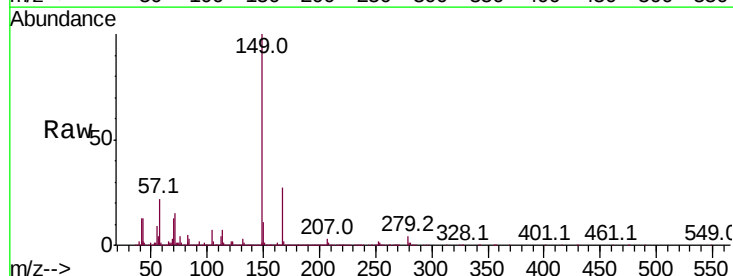
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.7	15.6	23.4

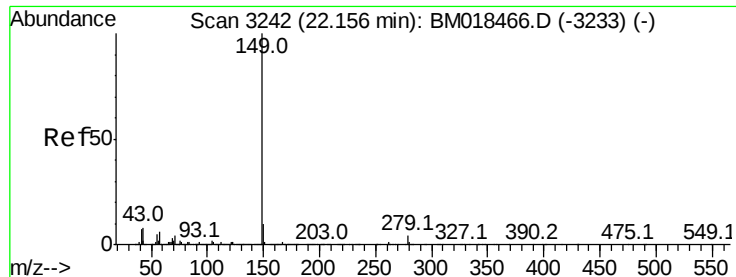


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.192 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion:149 Resp: 3166596

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.2	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 38.583 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

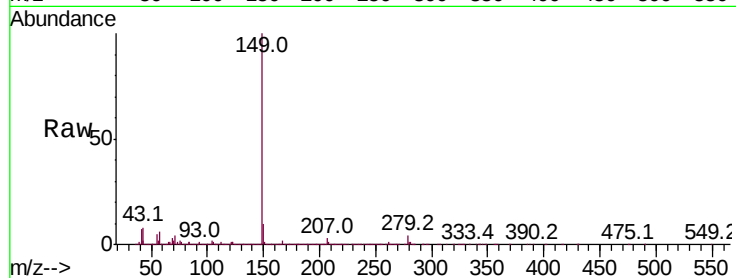
Tot Ion:149 Resp: 5839119

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

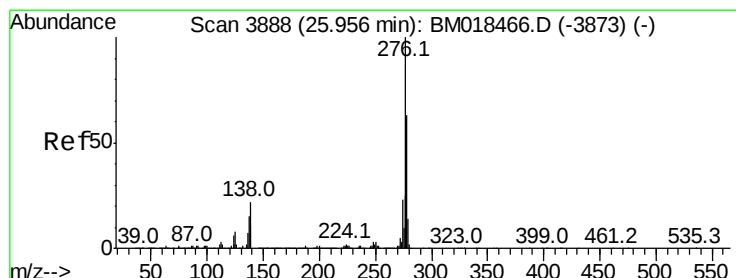
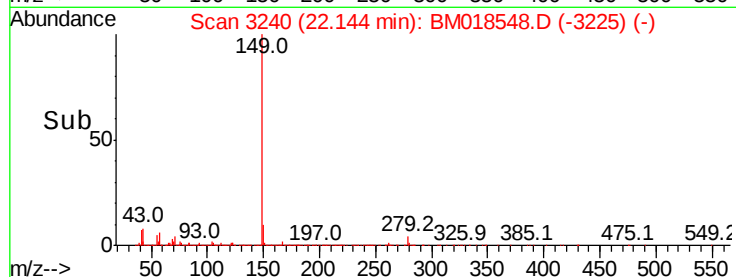
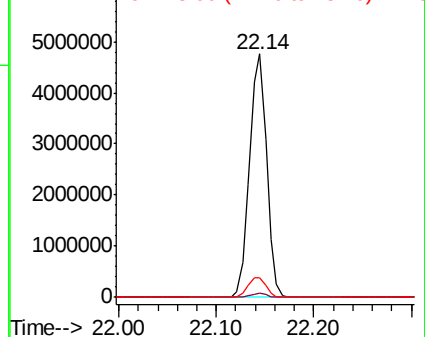
43 8.4 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.622 ng

RT: 25.95 min Scan# 3887

Delta R.T. 0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

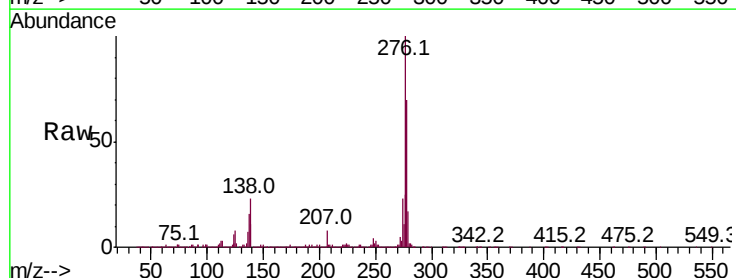
Tgt Ion:276 Resp: 7857754

Ion Ratio Lower Upper

276 100

138 23.4 21.5 32.3

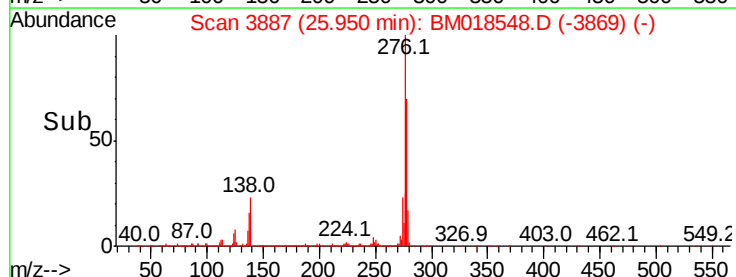
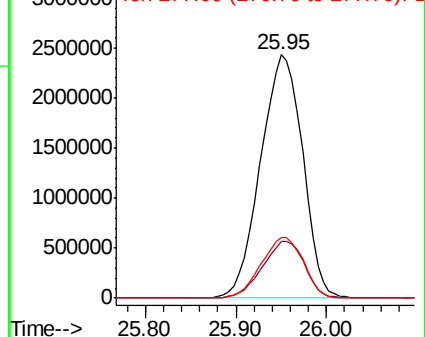
277 25.1 20.2 30.2

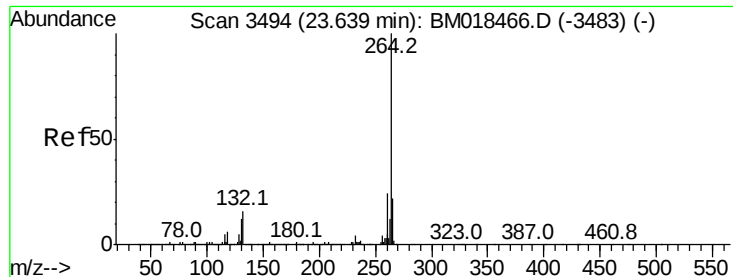


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

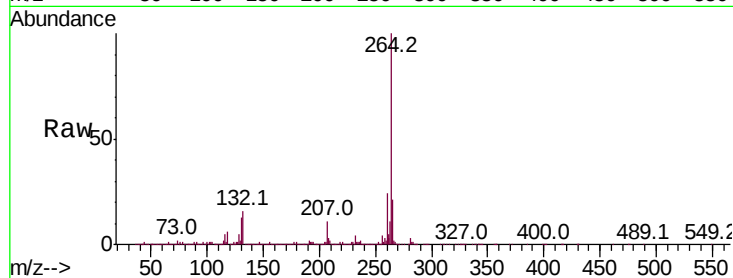
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 2977782

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.5	16.8	25.2

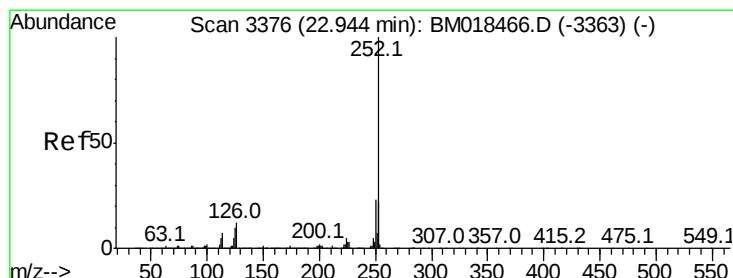
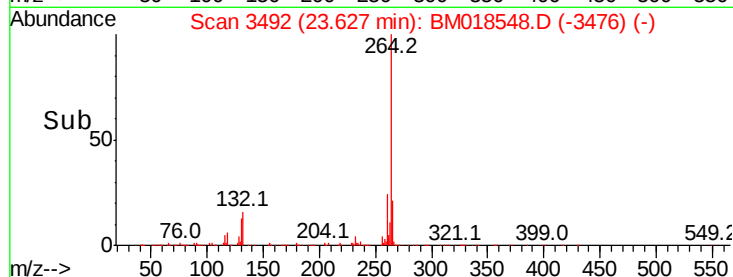
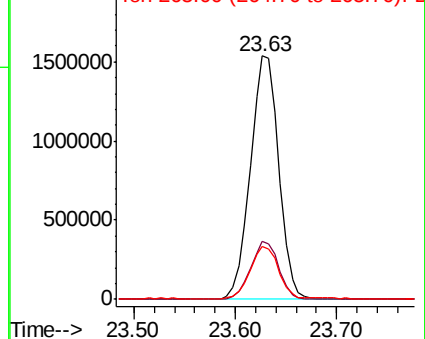


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.926 ng

RT: 22.94 min Scan# 3375

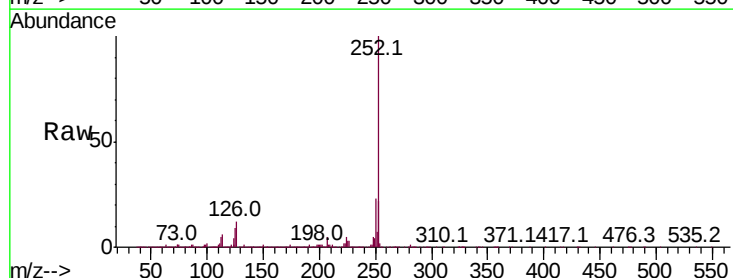
Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:252 Resp: 5904508

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.2	8.5	12.7

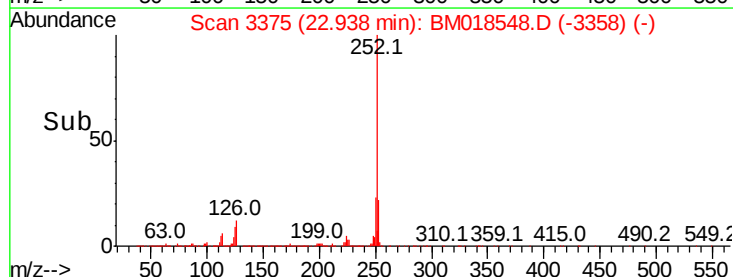
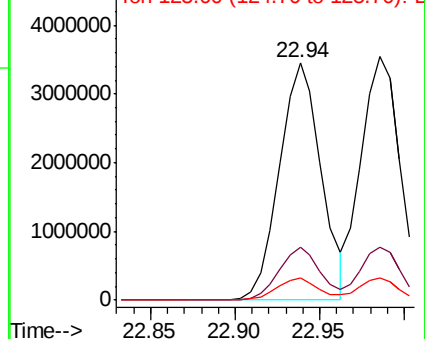


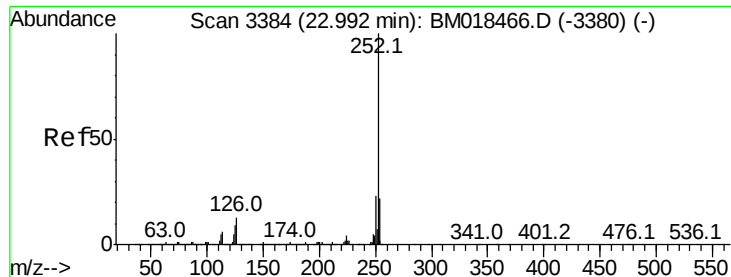
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 33.386 ng

RT: 22.99 min Scan# 3383

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampled :

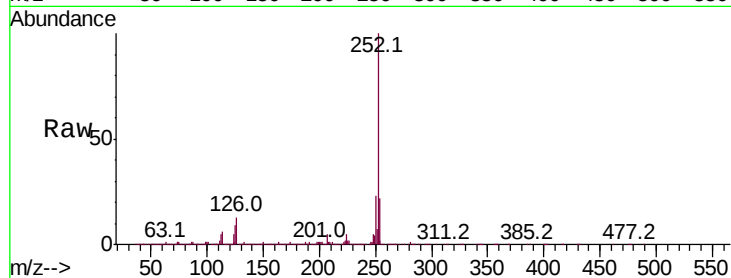
Tot Ion:252 Resp: 5687983

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

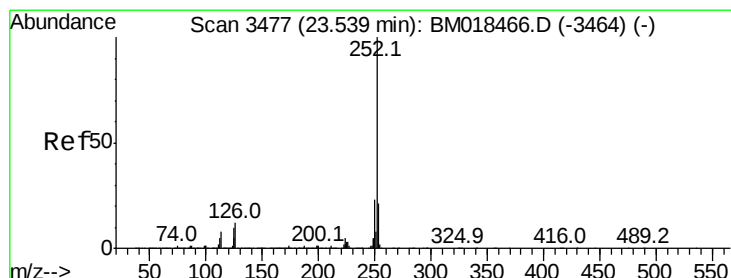
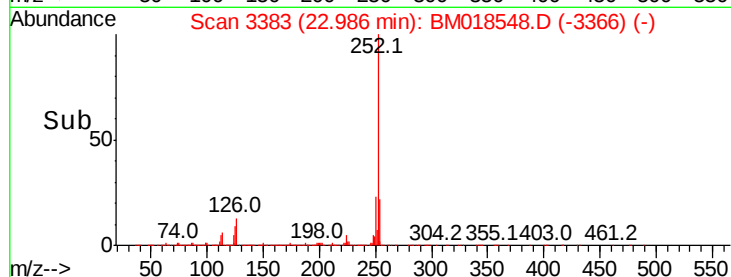
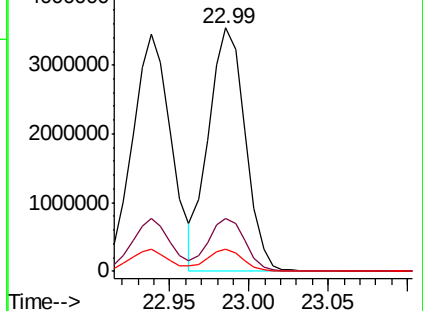
125 9.2 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.651 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

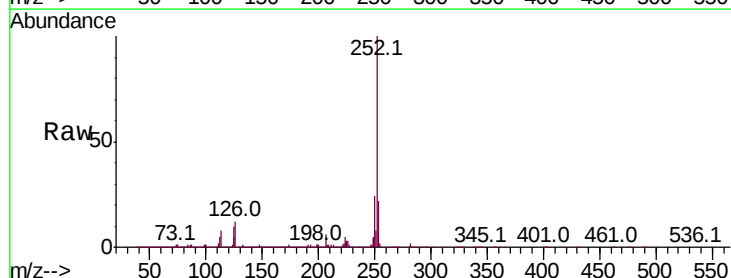
Tgt Ion:252 Resp: 5931891

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

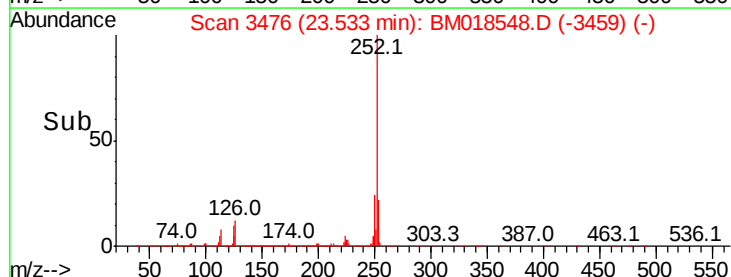
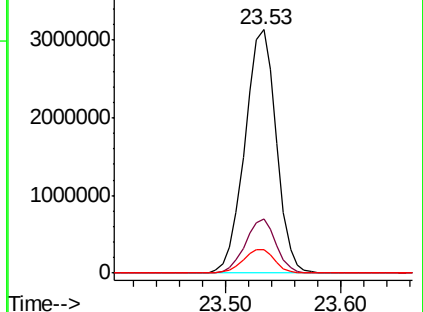
125 9.9 9.7 14.5

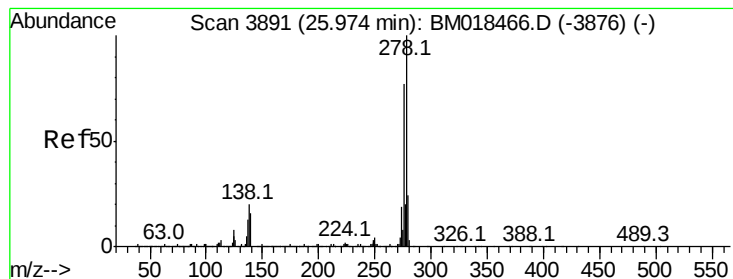


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.941 ng

RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

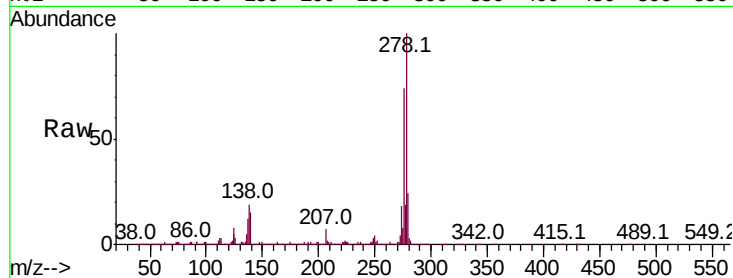
Tot Ion:278 Resp: 6549929

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	24.3	19.0	28.4

278 100

139 15.1 13.2 19.8

279 24.3 19.0 28.4

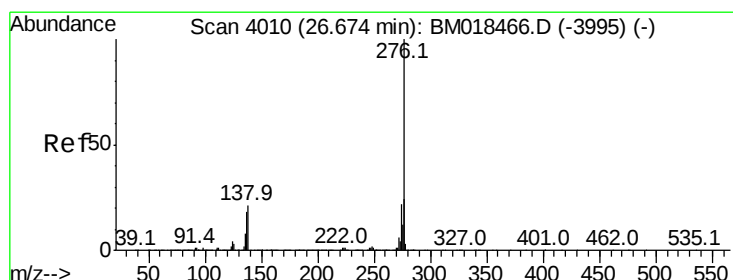
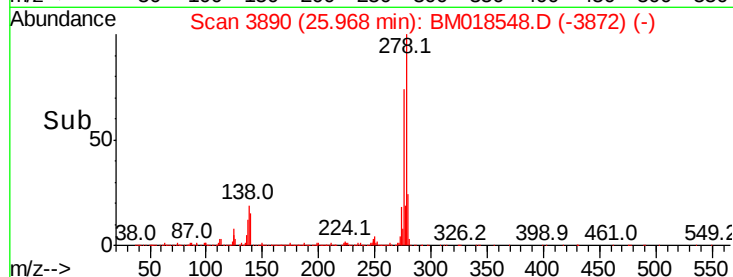
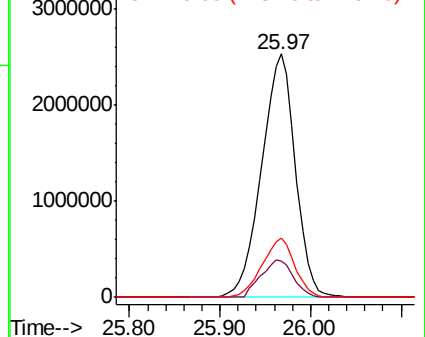


Abundance

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: 41.599 ng

RT: 26.67 min Scan# 4009

Delta R.T. 0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

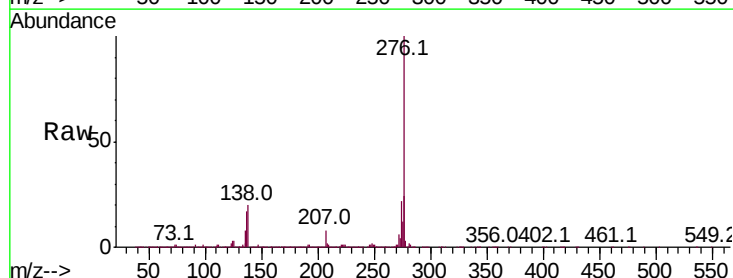
Tgt Ion:276 Resp: 6638495

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.9	18.1	27.1

276 100

277 23.8 19.0 28.4

138 19.9 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

