

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018560.D
 Acq On : 14 Jan 2019 20:23
 Operator : JU/SJ
 Sample : PB116317BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 23:31:09 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	7.75	152	258839	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1139467	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	711466	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1702816	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1890185	20.00	ng	0.00
87) Perylene-d12	23.63	264	1986220	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1757804	125.40	ng	0.00
7) Phenol-d6	6.93	99	2350730	132.03	ng	0.00
23) Nitrobenzene-d5	8.92	82	1372443	69.82	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1097838	121.19	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3735483	68.51	ng	0.00
79) Terphenyl-d14	19.79	244	6228057	69.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	142601	24.959	ng	97
3) Pyridine	3.68	79	422339	29.650	ng	96
4) n-Nitrosodimethylamine	3.60	42	236747	40.194	ng	# 95
6) Aniline	7.09	93	292726	14.739	ng	100
8) 2-Chlorophenol	7.32	128	681737	41.641	ng	95
9) Benzaldehyde	6.90	77	189833	15.712	ng	99
10) Phenol	6.96	94	773316	42.743	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	514274	36.176	ng	97
12) 1,3-Dichlorobenzene	7.64	146	658521	33.775	ng	98
13) 1,4-Dichlorobenzene	7.79	146	679689	34.395	ng	100
14) 1,2-Dichlorobenzene	8.10	146	661125	35.282	ng	99
15) Benzyl Alcohol	8.00	79	555190	43.174	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	645696	35.542	ng	94
17) 2-Methylphenol	8.20	107	554021	45.113	ng	98
18) Hexachloroethane	8.82	117	239820	34.036	ng	94
19) n-Nitroso-di-n-propylamine	8.56	70	445676	38.465	ng	92
20) 3+4-Methylphenols	8.53	107	752978	44.415	ng	97
22) Acetophenone	8.58	105	898447	31.874	ng	# 98
24) Nitrobenzene	8.96	77	665507	34.411	ng	96
25) Isophorone	9.48	82	1220452	41.004	ng	97
26) 2-Nitrophenol	9.67	139	369273	39.488	ng	95
27) 2,4-Dimethylphenol	9.72	122	626681	44.709	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	754228	36.681	ng	99
29) 2,4-Dichlorophenol	10.20	162	692022	41.461	ng	97
30) 1,2,4-Trichlorobenzene	10.40	180	675459	32.604	ng	97
31) Naphthalene	10.60	128	2005309	36.542	ng	100
32) Benzoic acid	9.87	122	381997	41.495	ng	98
33) 4-Chloroaniline	10.72	127	189995	8.791	ng	98
34) Hexachlorobutadiene	10.86	225	403484	30.829	ng	99
35) Caprolactam	11.52	113	130803	23.050	ng	89
36) 4-Chloro-3-methylphenol	11.85	107	736127	42.039	ng	99
37) 2-Methylnaphthalene	12.21	142	1538360	39.677	ng	100
38) 1-Methylnaphthalene	12.43	142	1463006	38.997	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	800838	32.188	ng	99

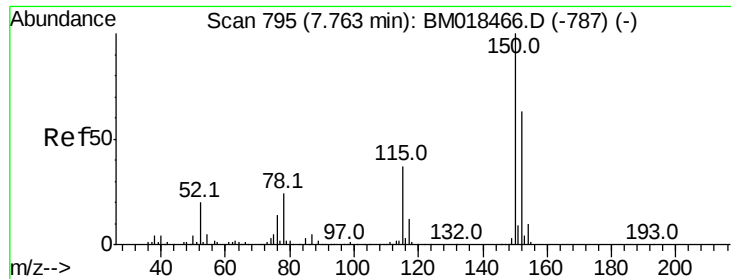
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
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 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	956722	70.066	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	580695	38.435	ng	99
44) 2,4,5-Trichlorophenol	12.90	196	632229	39.789	ng	98
46) 1,1'-Biphenyl	13.23	154	2010995	32.372	ng	99
47) 2-Chloronaphthalene	13.27	162	1566760	32.524	ng	99
48) 2-Nitroaniline	13.49	65	446547	37.678	ng	92
49) Acenaphthylene	14.12	152	2616206	37.266	ng	99
50) Dimethylphthalate	13.87	163	2093832	35.834	ng	100
51) 2,6-Dinitrotoluene	13.99	165	469974	37.972	ng	92
52) Acenaphthene	14.47	154	1500966	34.943	ng	98
53) 3-Nitroaniline	14.32	138	167410	13.416	ng	99
54) 2,4-Dinitrophenol	14.53	184	530338	79.228	ng	92
55) Dibenzofuran	14.80	168	2462519	34.697	ng	99
56) 4-Nitrophenol	14.65	139	866806	80.411	ng	95
57) 2,4-Dinitrotoluene	14.78	165	674130	38.495	ng	97
58) Fluorene	15.45	166	2019446	38.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	577833	41.027	ng	98
60) Diethylphthalate	15.23	149	2180621	36.968	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	1025503	33.654	ng	98
62) 4-Nitroaniline	15.49	138	455366	33.457	ng	99
63) Azobenzene	15.74	77	1701593	35.382	ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	368281	35.512	ng	87
66) n-Nitrosodiphenylamine	15.67	169	1817246	34.404	ng	99
67) 4-Bromophenyl-phenylether	16.34	248	640006	33.586	ng	97
68) Hexachlorobenzene	16.45	284	706258	33.107	ng	97
69) Atrazine	16.62	200	694893	36.390	ng	99
70) Pentachlorophenol	16.80	266	922629	66.039	ng	97
71) Phenanthrene	17.20	178	3297977	36.413	ng	100
72) Anthracene	17.29	178	3371647	38.712	ng	100
73) Carbazole	17.56	167	3122206	34.892	ng	100
74) Di-n-butylphthalate	18.12	149	3823430	39.009	ng	99
75) Fluoranthene	19.22	202	4041150	38.700	ng	98
77) Benzidine	19.41	184	1193233	25.567	ng	99
78) Pyrene	19.58	202	4131467	36.875	ng	100
80) Butylbenzylphthalate	20.48	149	1857911	38.861	ng	97
81) Benzo(a)anthracene	21.33	228	4174057	37.485	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	722137	17.150	ng	98
83) Chrysene	21.38	228	3937529	36.618	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2653831	38.441	ng	99
85) Di-n-octyl phthalate	22.14	149	4707897	40.546	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.95	276	4883491	39.385	ng	97
88) Benzo(b)fluoranthene	22.94	252	4312306	38.243	ng	99
89) Benzo(k)fluoranthene	22.99	252	4124329	36.293	ng	98
90) Benzo(a)pyrene	23.53	252	4160761	38.542	ng	# 97
91) Dibenzo(a,h)anthracene	25.96	278	4103887	37.518	ng	99
92) Benzo(g,h,i)perylene	26.66	276	3964920	37.249	ng	97

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

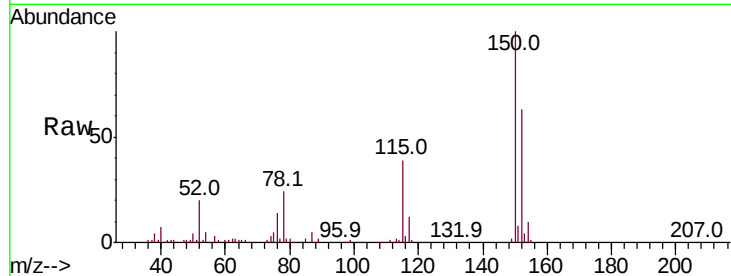


#1

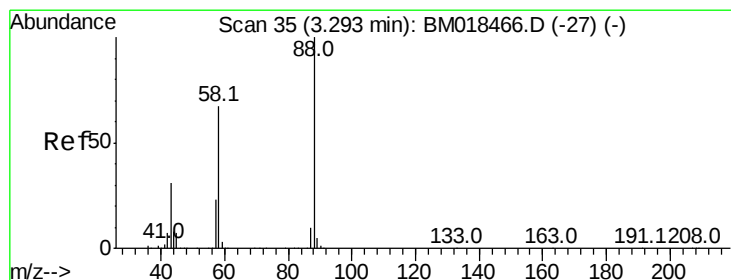
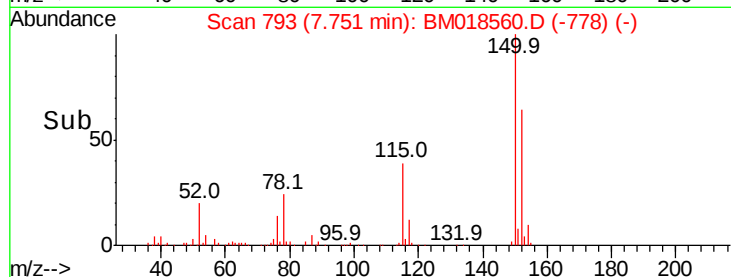
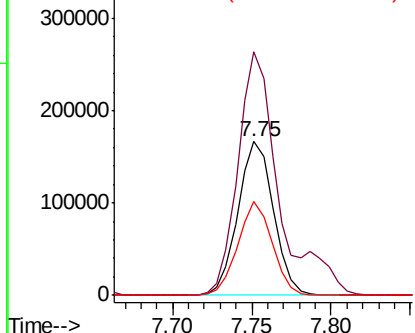
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 258839
Ion Ratio Lower Upper
152 100
150 158.2 126.9 190.3
115 61.2 45.5 68.3



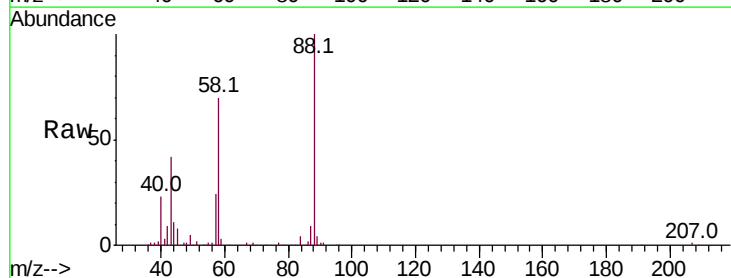
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



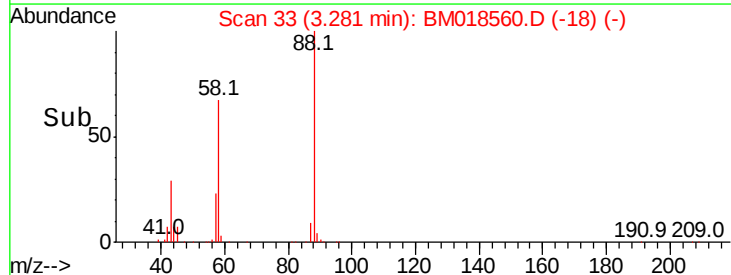
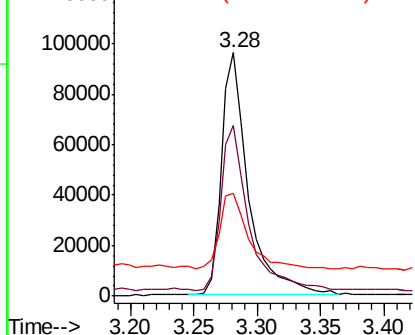
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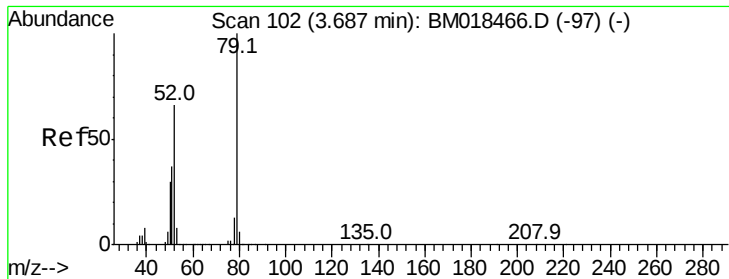
1,4-Dioxane
Concen: 24.959 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion: 88 Resp: 142601
Ion Ratio Lower Upper
88 100
58 69.3 58.4 87.6
43 33.3 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: 29.650 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

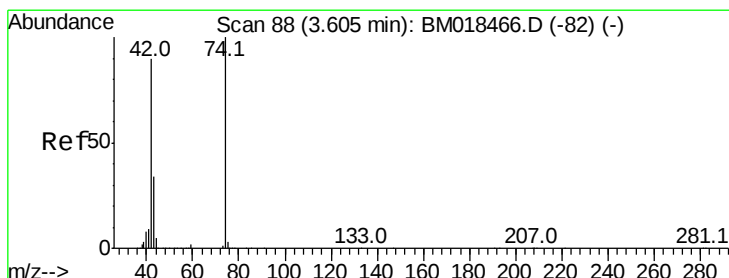
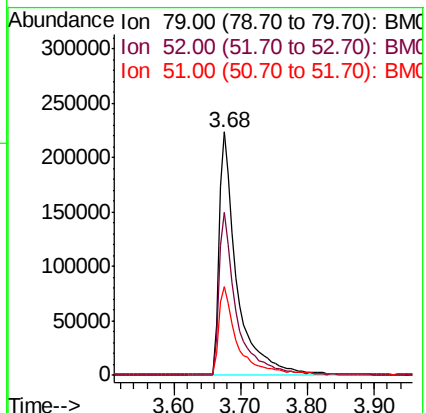
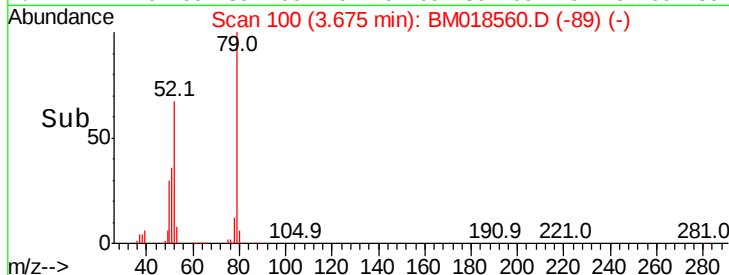
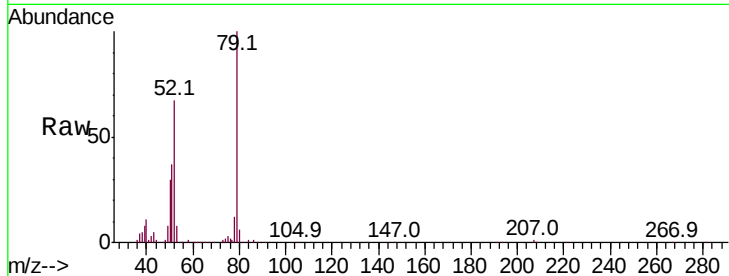
Tot Ion: 79 Resp: 422339

Ion Ratio Lower Upper

79 100

52 66.8 56.4 84.6

51 36.6 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 40.194 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

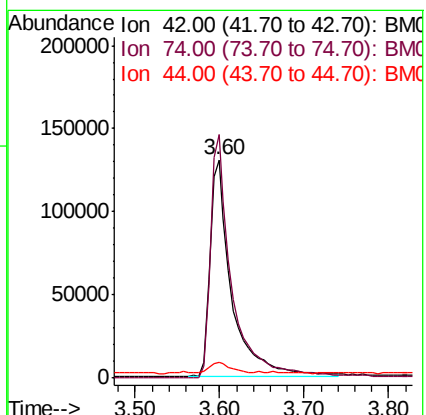
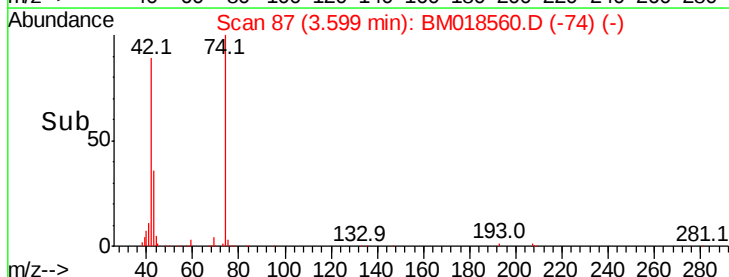
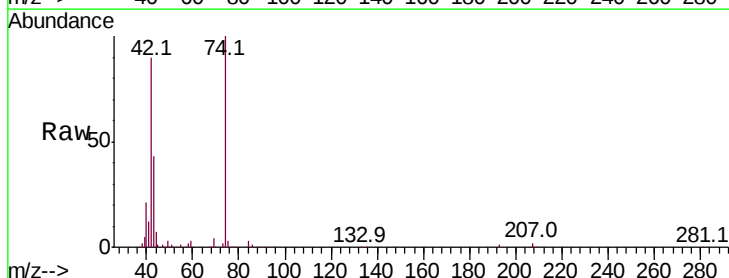
Tgt Ion: 42 Resp: 236747

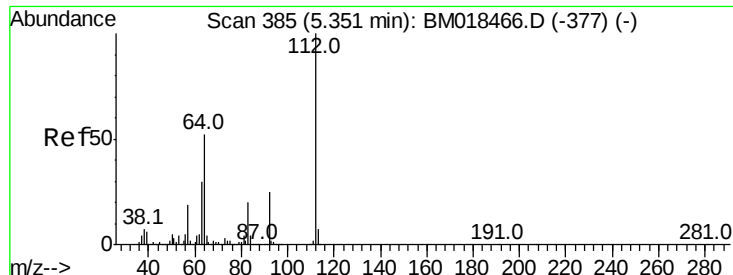
Ion Ratio Lower Upper

42 100

74 111.5 88.6 132.8

44 7.5 16.9 25.3#





#5

2-Fluorophenol

Concen: 125.397 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

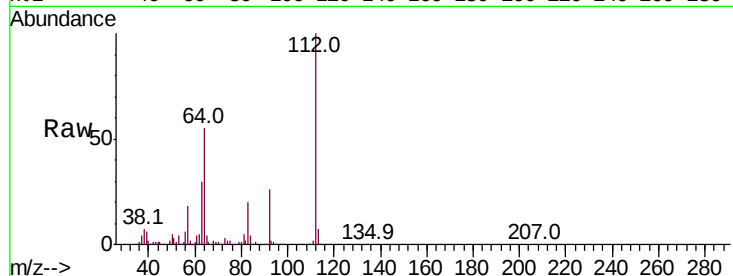
Tot Ion:112 Resp: 1757804

Ion Ratio Lower Upper

112 100

64 54.7 46.5 69.7

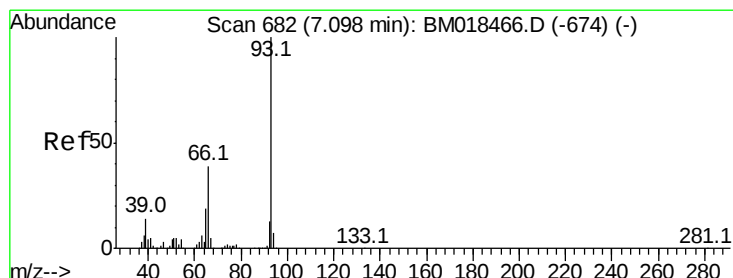
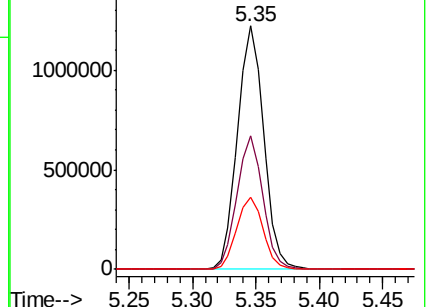
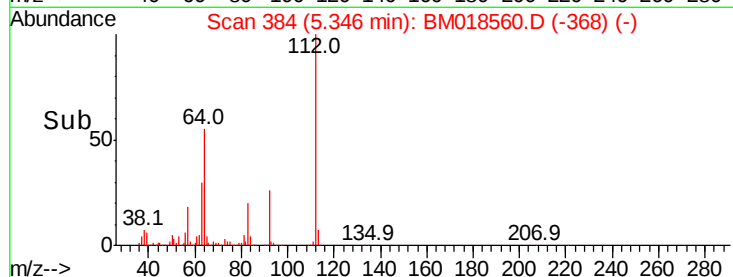
63 29.5 25.2 37.8



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: 14.739 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

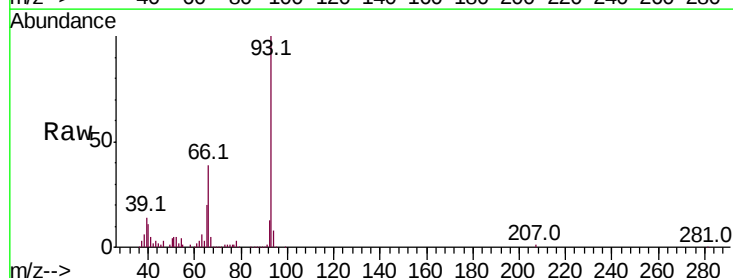
Tgt Ion: 93 Resp: 292726

Ion Ratio Lower Upper

93 100

66 39.4 31.7 47.5

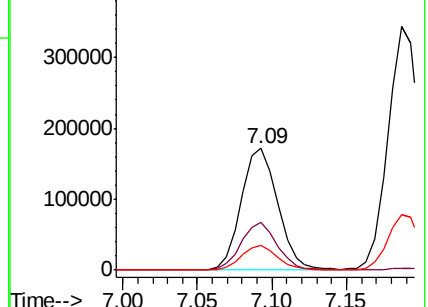
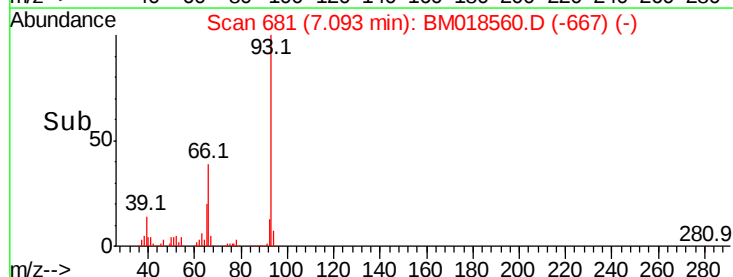
65 20.1 15.9 23.9

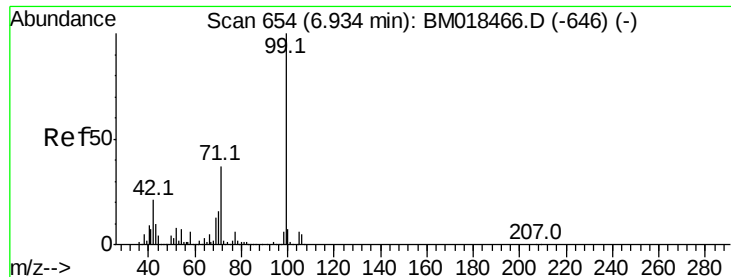


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 132.031 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

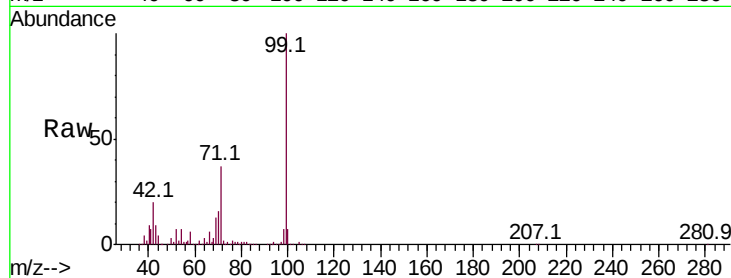
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2350730

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.3	25.9
71	36.7	28.0	42.0

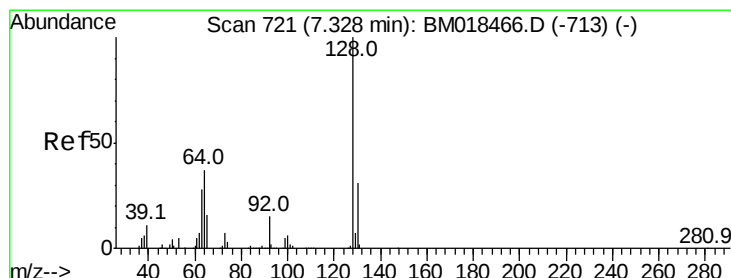
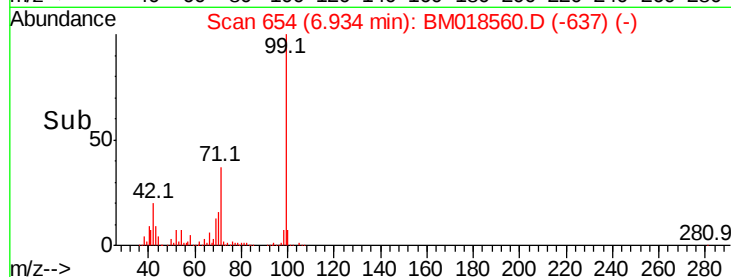
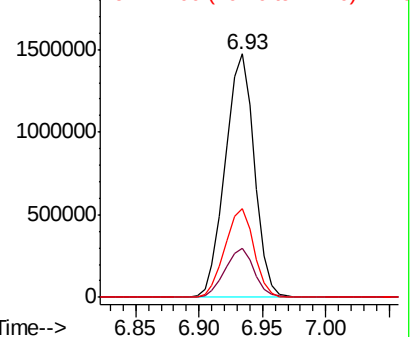


Abundance

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: 41.641 ng

RT: 7.32 min Scan# 720

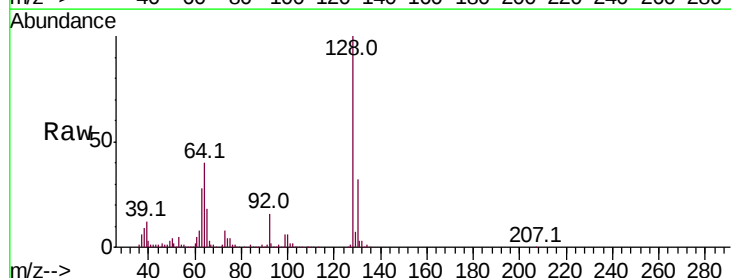
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion: 128 Resp: 681737

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.6	53.6
64	40.3	24.8	64.8

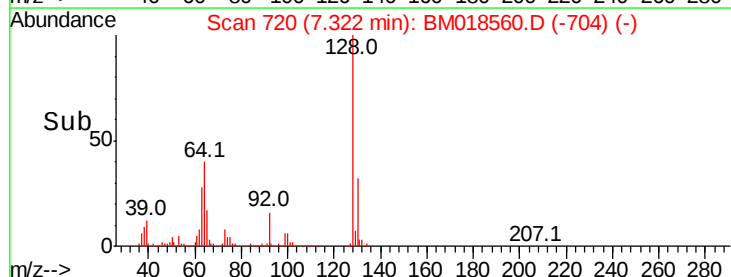
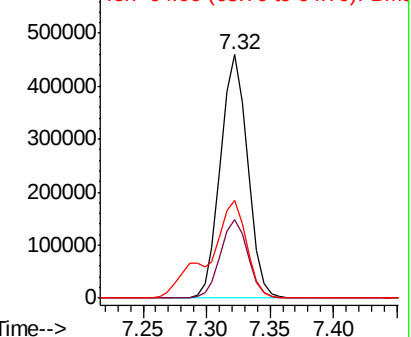


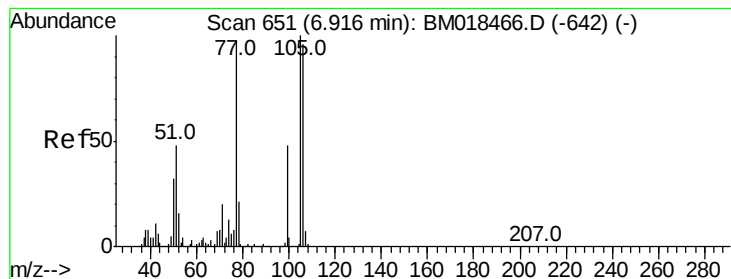
Abundance

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: 15.712 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

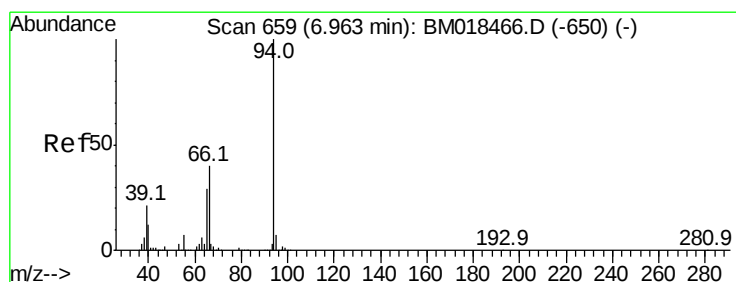
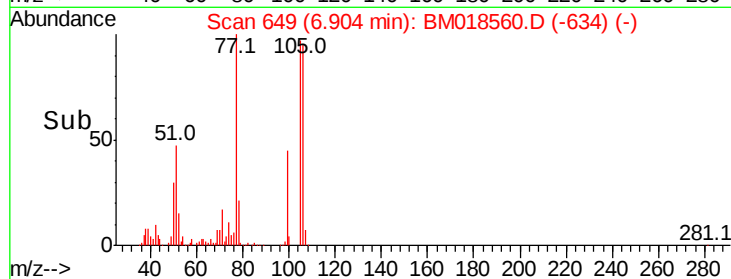
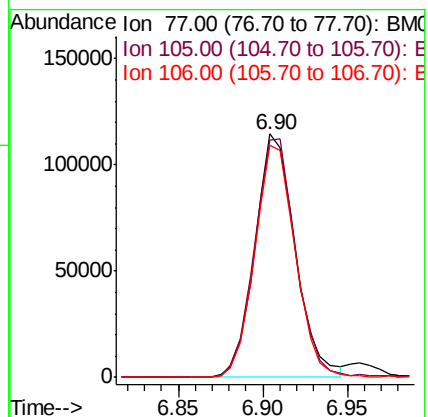
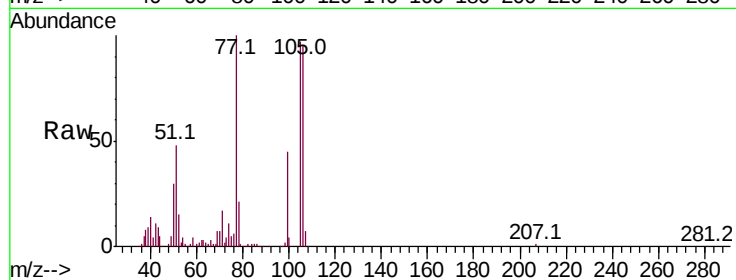
Tot Ion: 77 Resp: 189833

Ion Ratio Lower Upper

77 100

105 97.4 79.7 119.7

106 95.2 75.2 115.2



#10

Phenol

Concen: 42.743 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

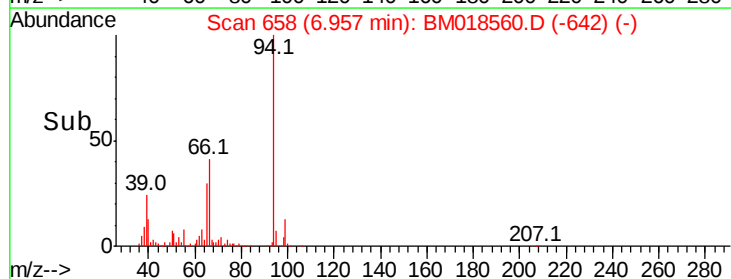
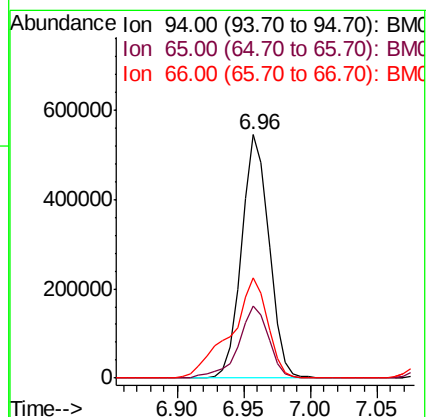
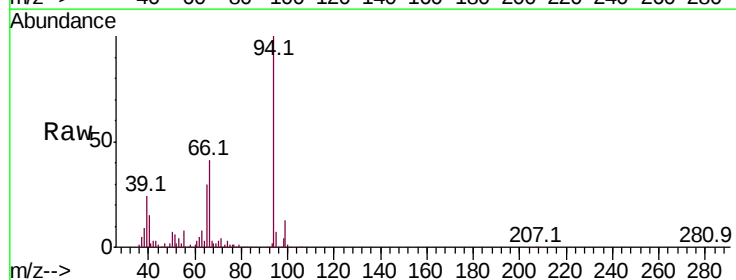
Tgt Ion: 94 Resp: 773316

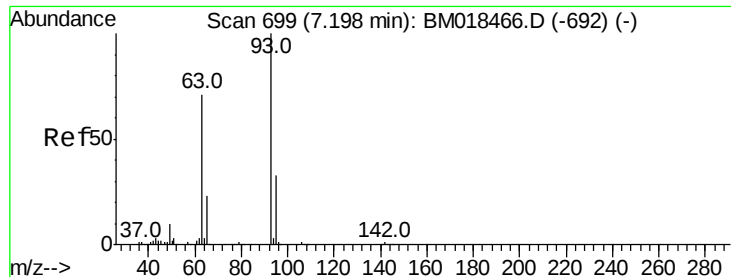
Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

66 41.1 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 36.176 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

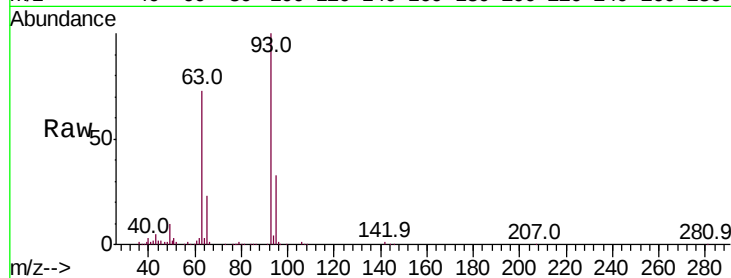
Tot Ion: 93 Resp: 514274

Ion Ratio Lower Upper

93 100

63 72.7 56.4 96.4

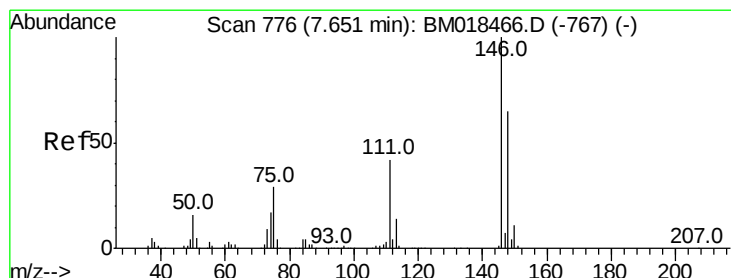
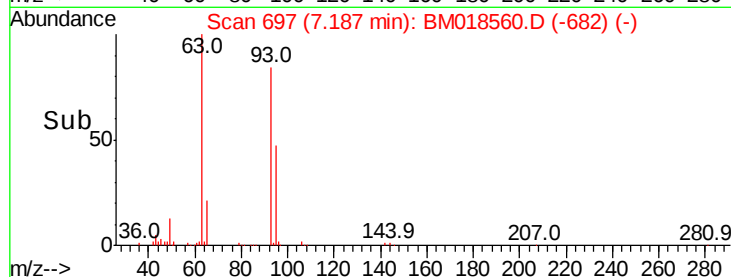
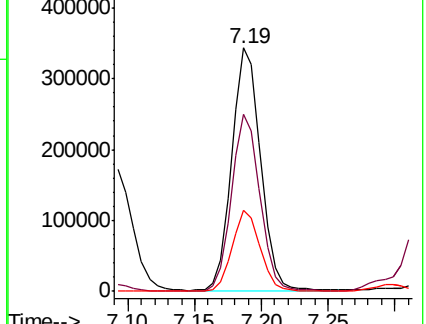
95 33.4 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)

Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)



#12

1,3-Dichlorobenzene

Concen: 33.775 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

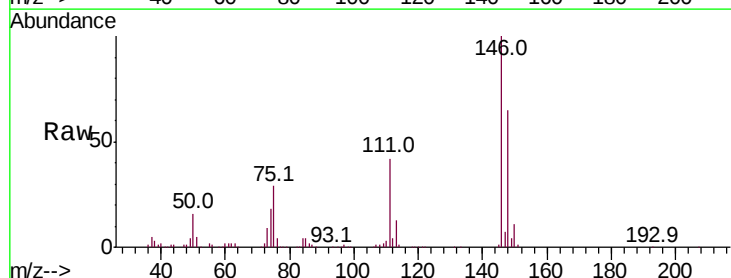
Tgt Ion: 146 Resp: 658521

Ion Ratio Lower Upper

146 100

148 65.2 50.5 75.7

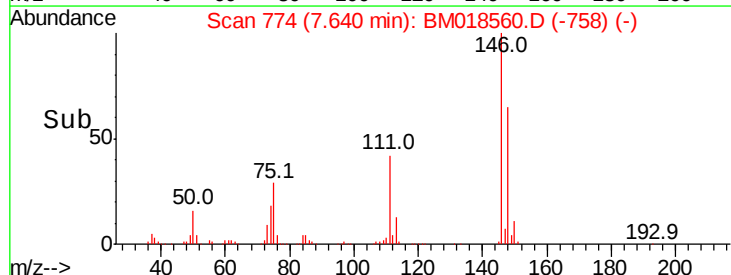
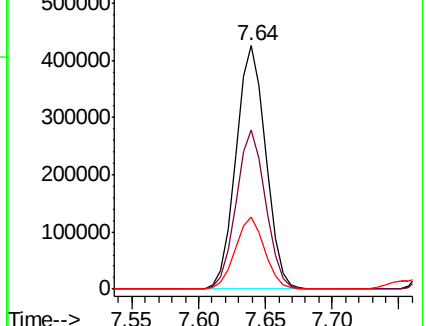
75 29.4 23.0 34.6

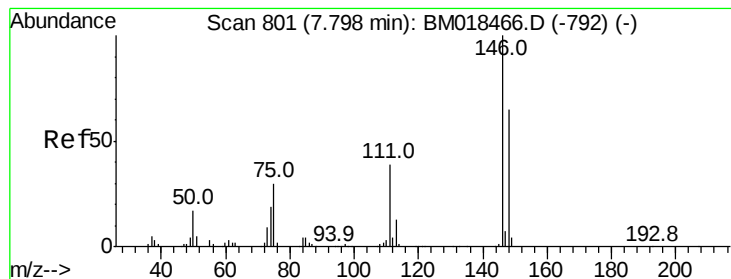


Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)

Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)

Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)





#13

1,4-Dichlorobenzene

Concen: 34.395 ng

RT: 7.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampled :

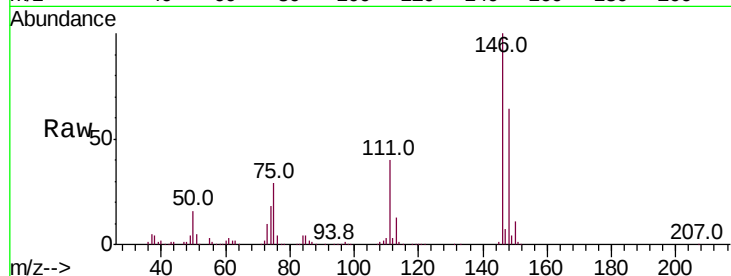
Tot Ion:146 Resp: 679689

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

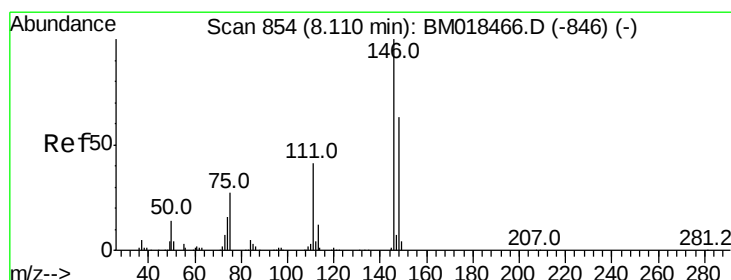
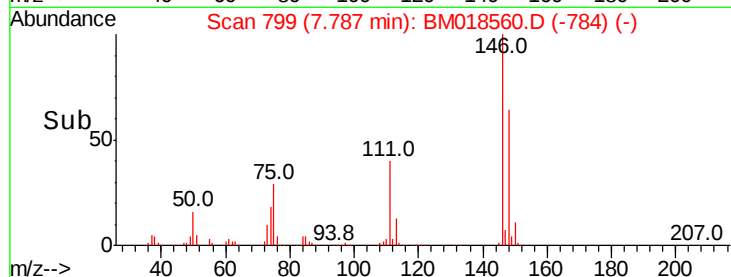
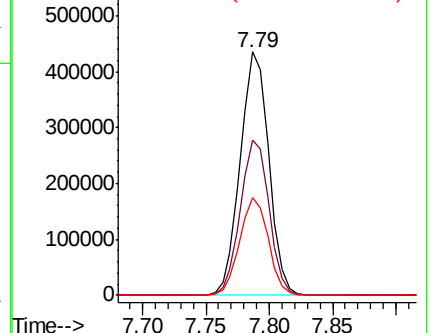
111 40.2 32.2 48.2



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: 35.282 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

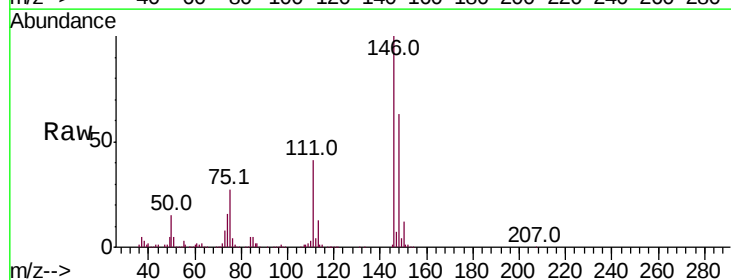
Tgt Ion:146 Resp: 661125

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

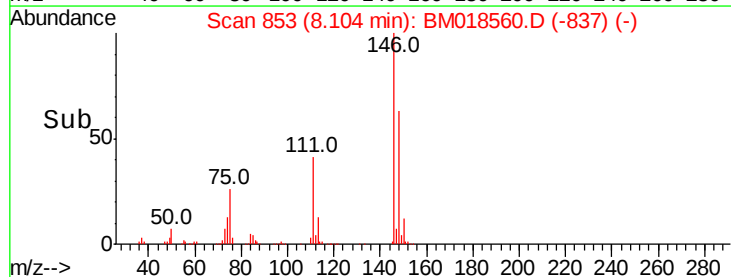
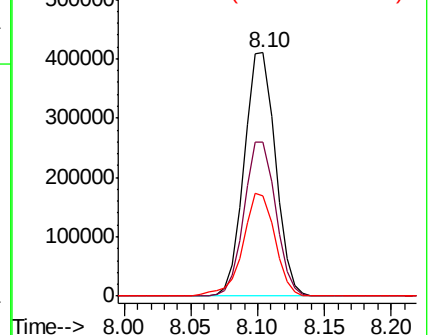
111 41.1 33.8 50.6

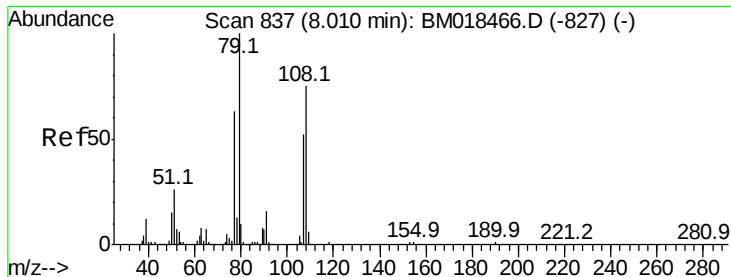


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.174 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampled :

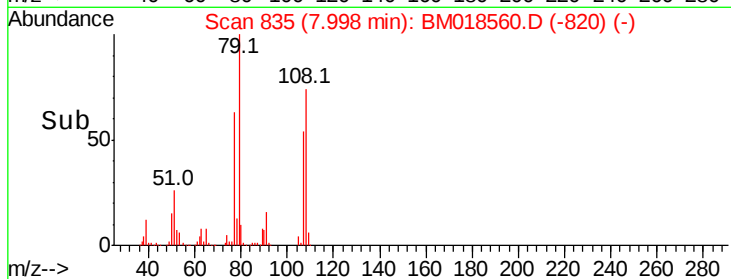
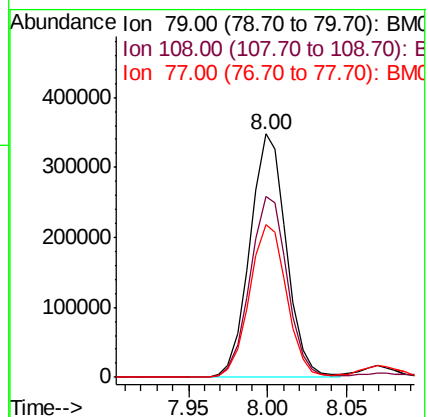
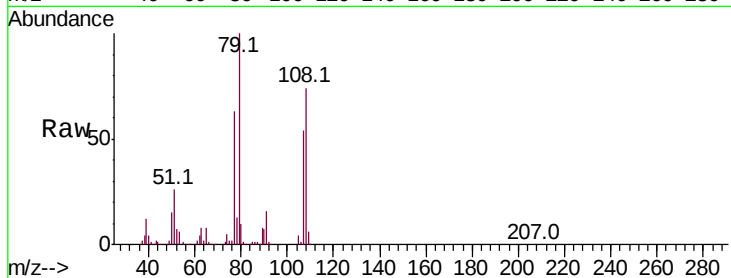
Tot Ion: 79 Resp: 555190

Ion Ratio Lower Upper

79 100

108 74.4 60.4 90.6

77 62.8 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.542 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

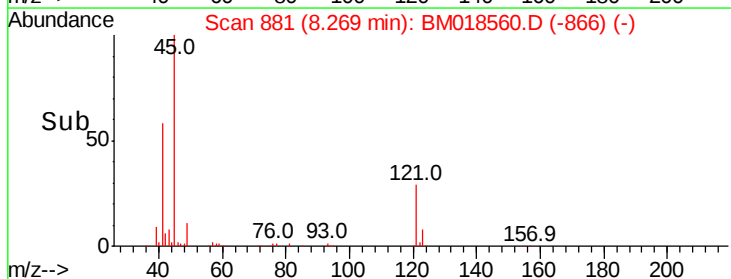
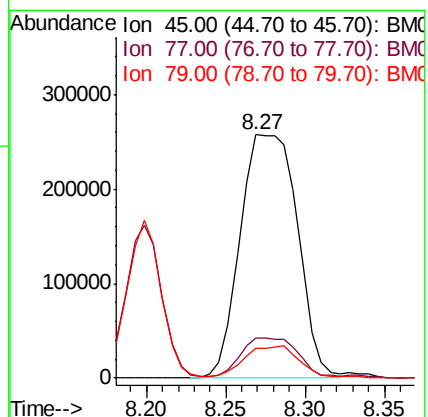
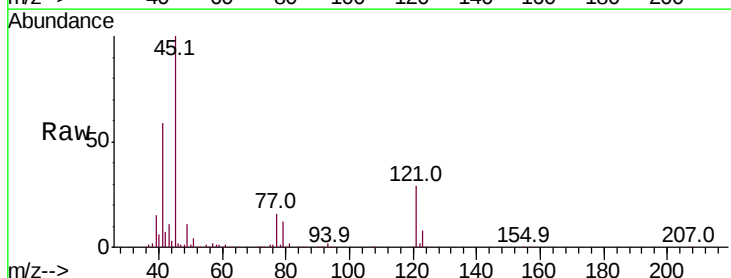
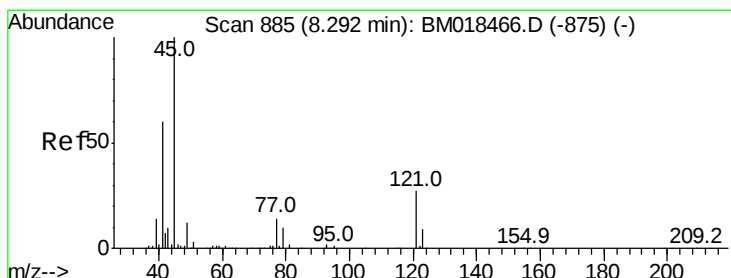
Tgt Ion: 45 Resp: 645696

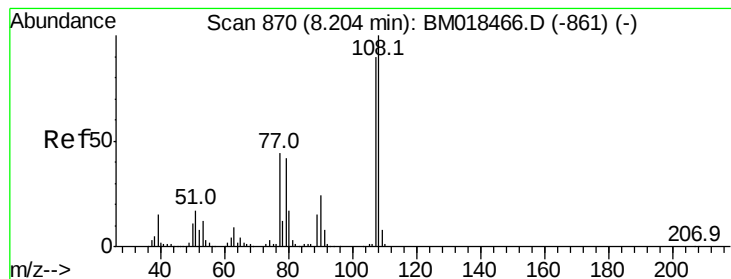
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.4

79 12.5 0.0 31.1

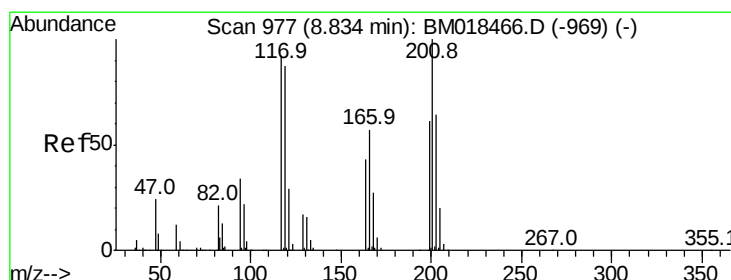
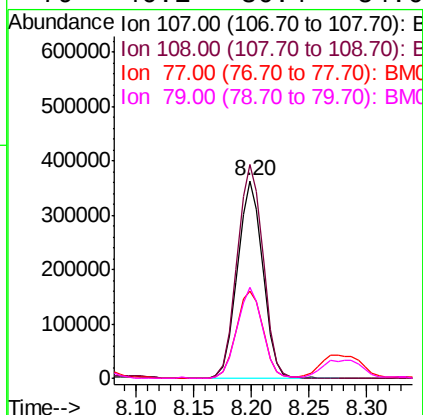
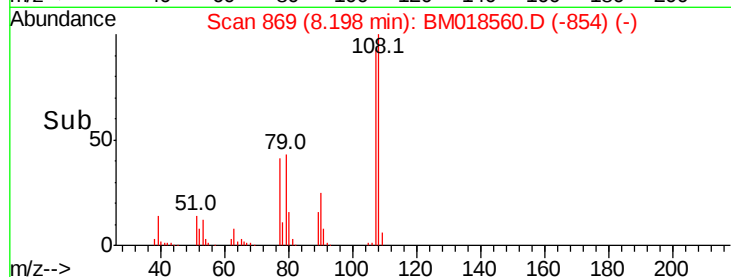
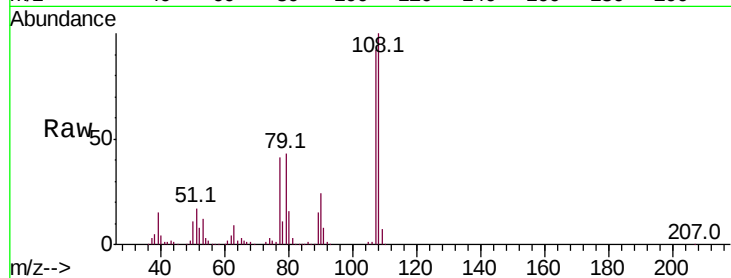




#17
2-Methylphenol
Concen: 45.113 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

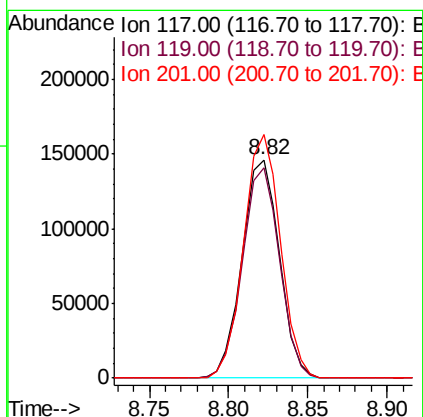
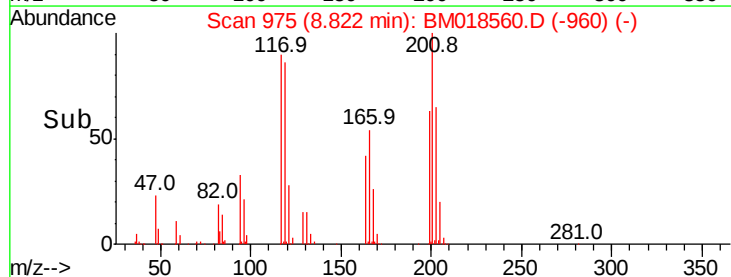
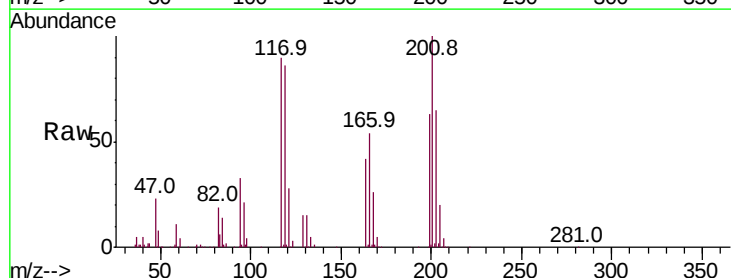
Instrument :
BNA_M
ClientSampleId :

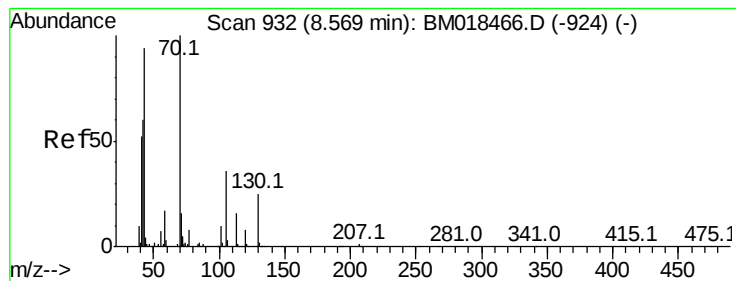
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.2	87.5	131.3
77	44.4	37.3	55.9
79	46.1	36.4	54.6



#18
Hexachloroethane
Concen: 34.036 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.3	117.5
201	111.4	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.465 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 445676

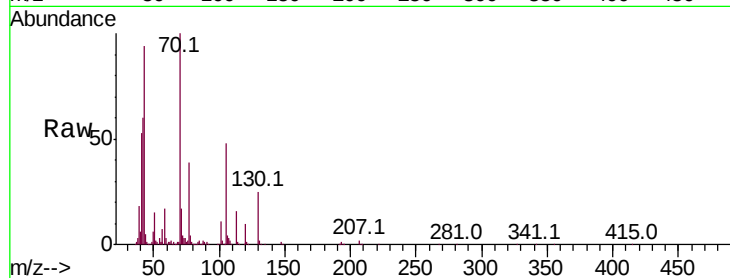
Ion Ratio Lower Upper

70 100

42 59.7 54.0 81.0

101 10.8 8.1 12.1

130 24.7 17.8 26.6



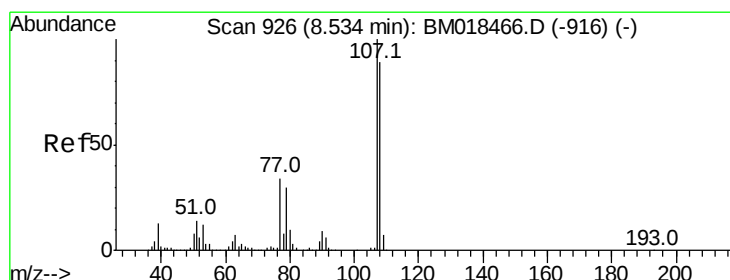
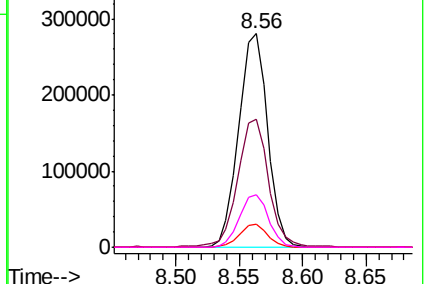
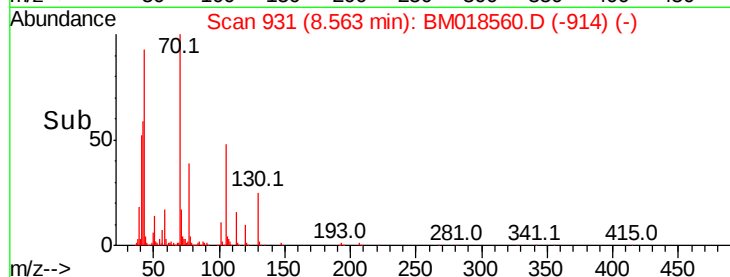
Abundance

Ion 70.00 (69.70 to 70.70): BM018466.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-924) (-)

Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-924) (-)



#20

3+4-Methylphenols

Concen: 44.415 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:107 Resp: 752978

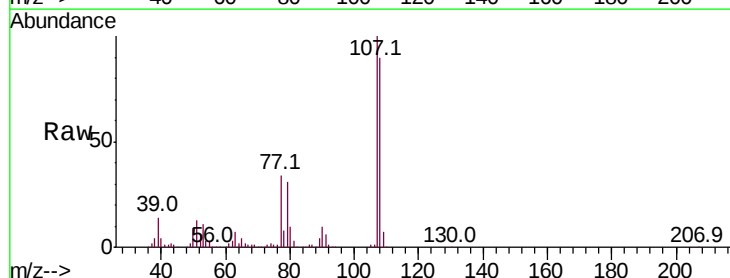
Ion Ratio Lower Upper

107 100

108 90.2 66.8 106.8

77 34.1 13.3 53.3

79 30.8 8.8 48.8



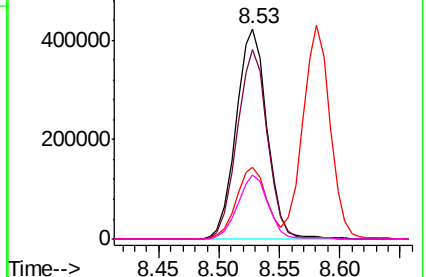
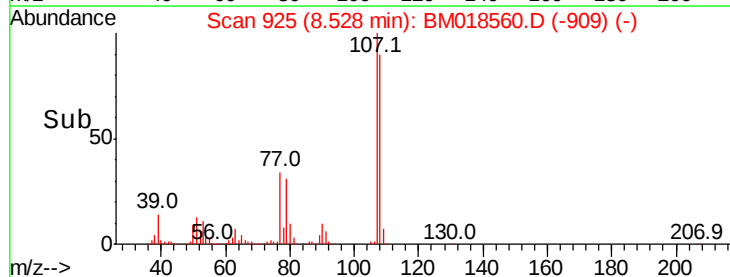
Abundance

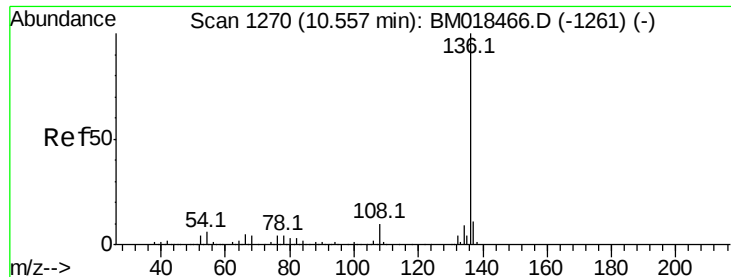
Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-916) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-916) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-916) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1139467

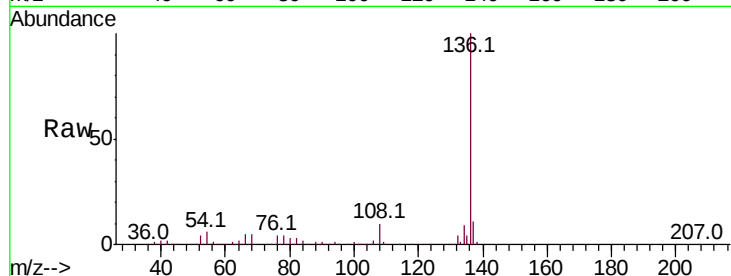
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 6.0 9.0

68 4.6 4.5 6.7

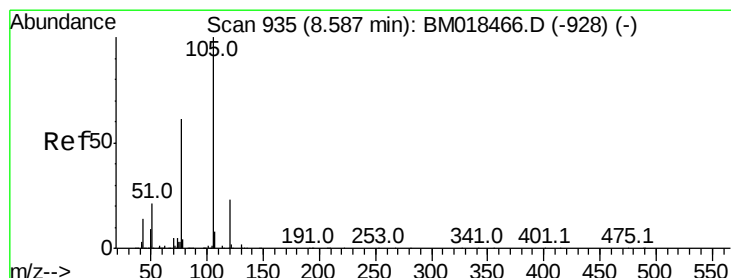
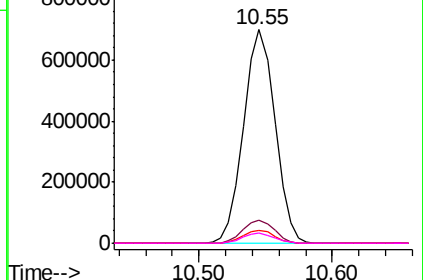
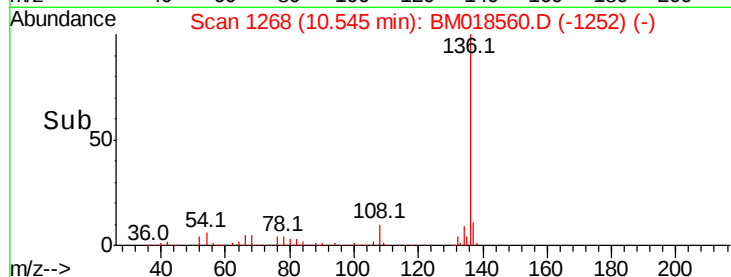


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 31.874 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:105 Resp: 898447

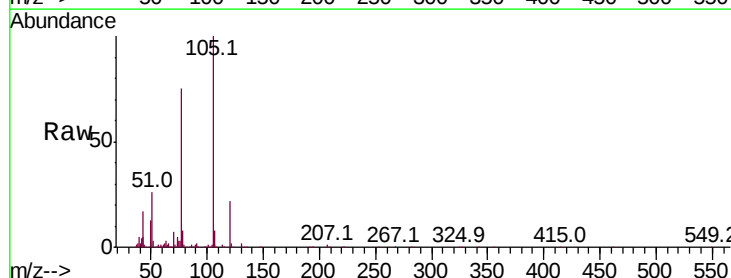
Ion Ratio Lower Upper

105 100

71 1.2 1.7 2.5#

51 26.4 22.6 34.0

120 22.5 18.3 27.5

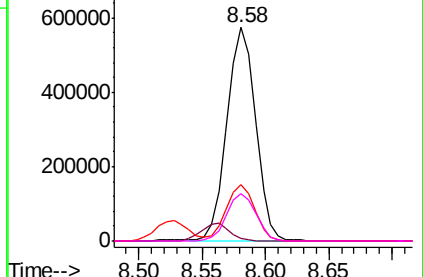
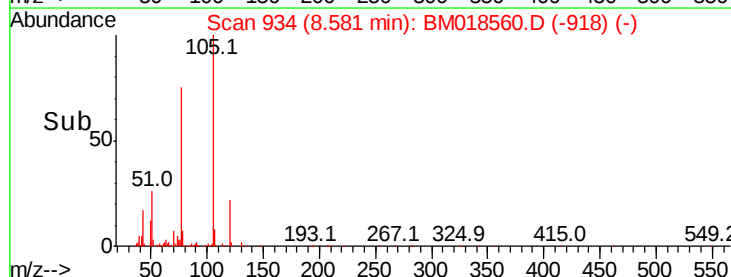


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 69.824 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

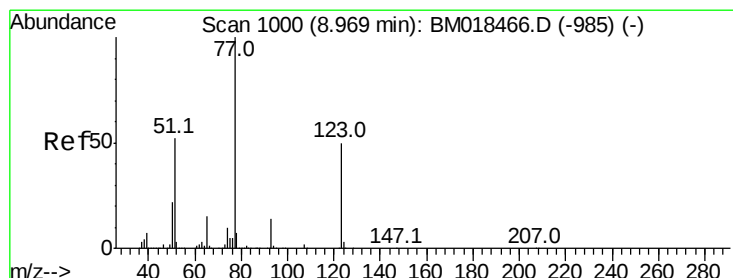
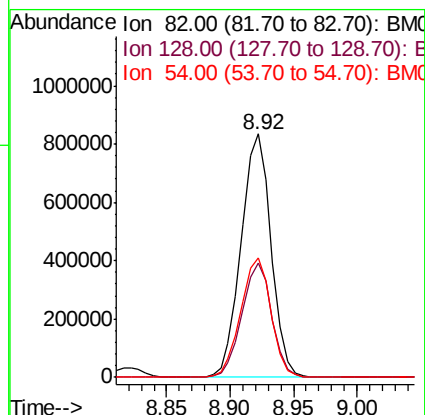
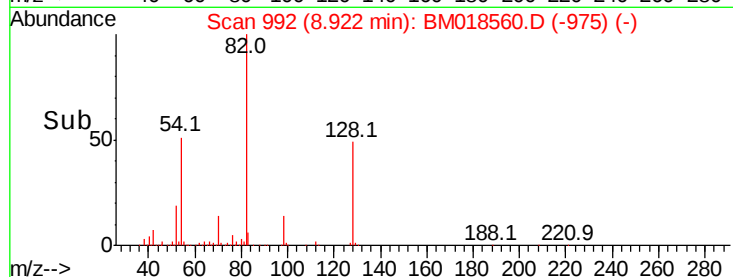
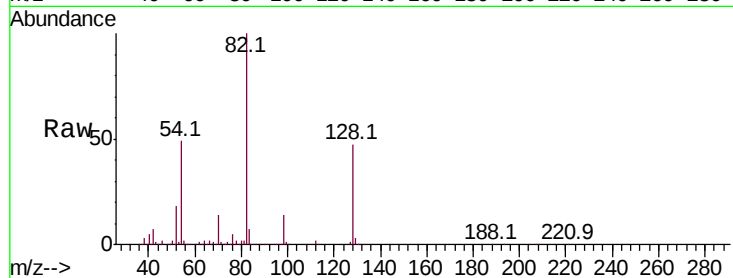
Tot Ion: 82 Resp: 1372443

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

54 49.0 41.7 62.5



#24

Nitrobenzene

Concen: 34.411 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

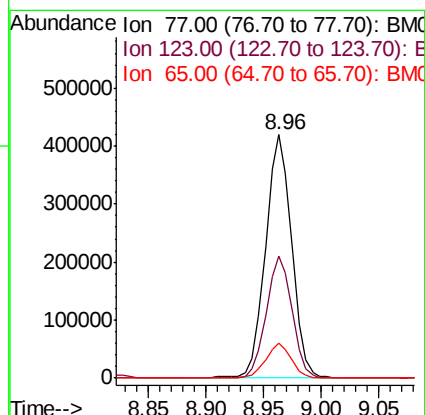
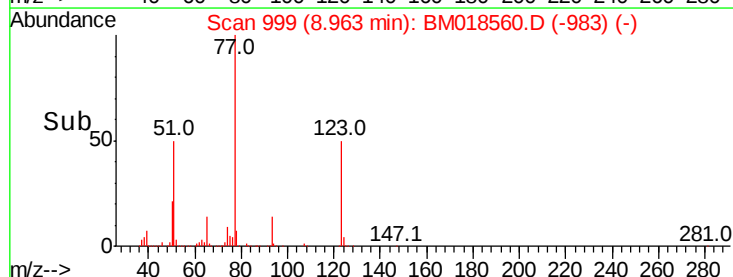
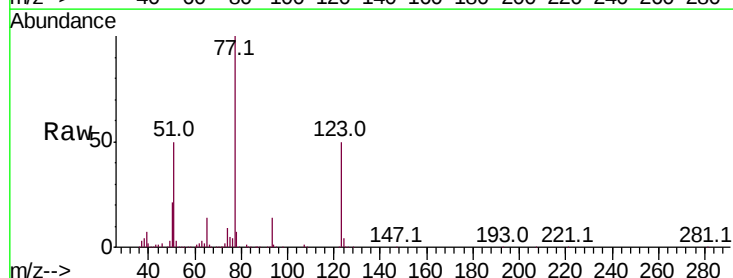
Tgt Ion: 77 Resp: 665507

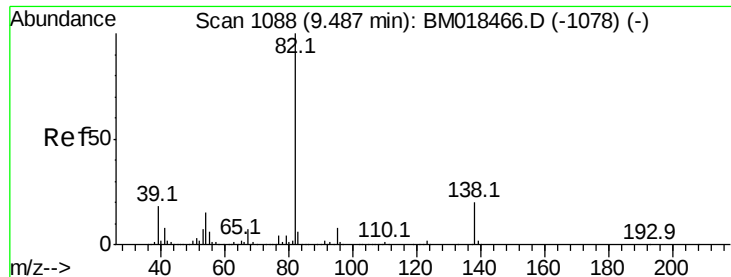
Ion Ratio Lower Upper

77 100

123 50.1 37.7 56.5

65 14.4 11.0 16.6





#25

Isophorone

Concen: 41.004 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampled :

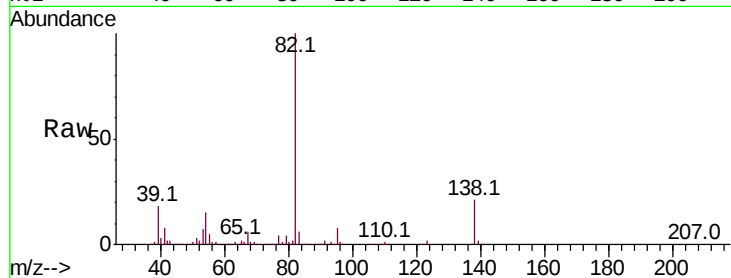
Tot Ion: 82 Resp: 1220452

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

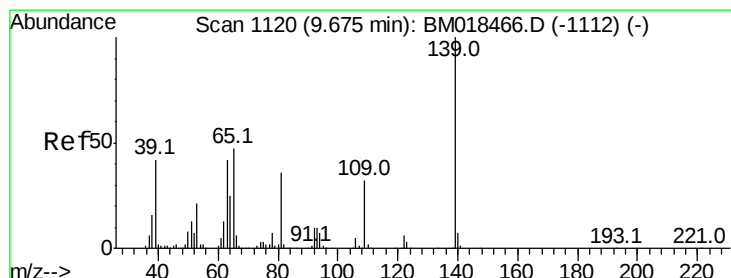
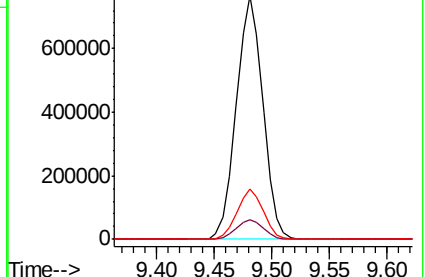
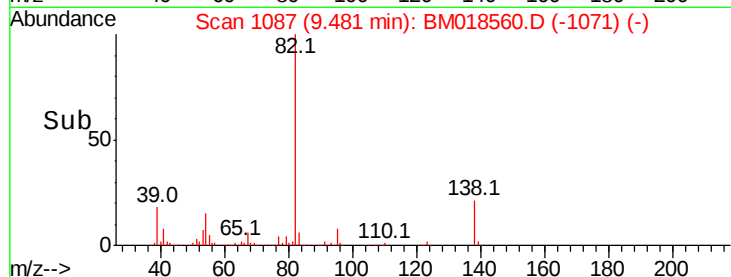
138 20.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 39.488 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

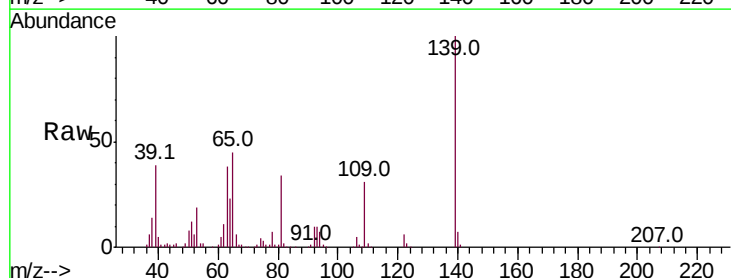
Tgt Ion: 139 Resp: 369273

Ion Ratio Lower Upper

139 100

109 30.9 23.4 35.2

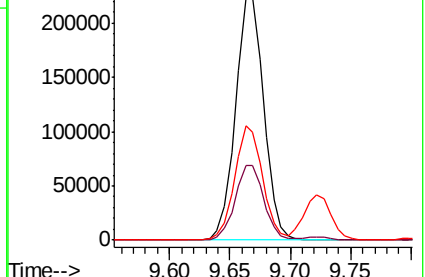
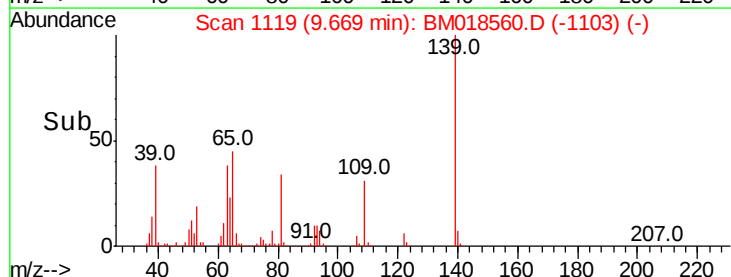
65 44.6 39.4 59.2

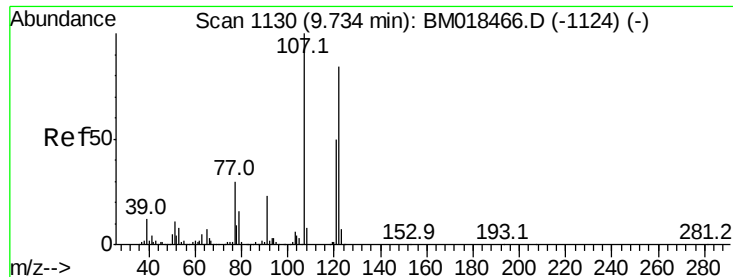


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





#27

2,4-Dimethylphenol

Concen: 44.709 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

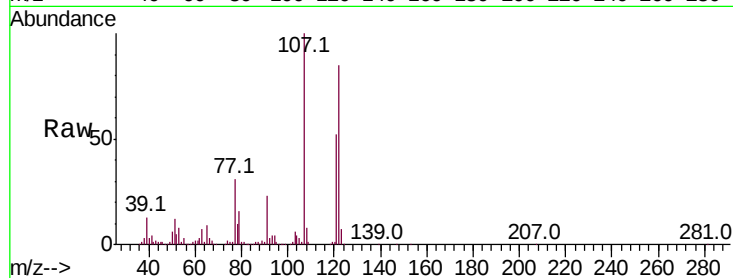
Tot Ion:122 Resp: 626681

Ion Ratio Lower Upper

122 100

107 117.4 91.9 137.9

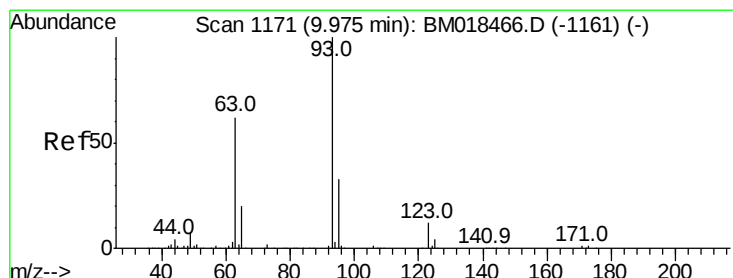
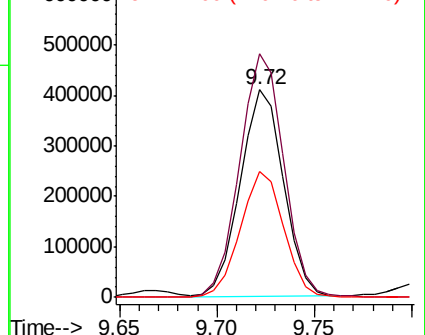
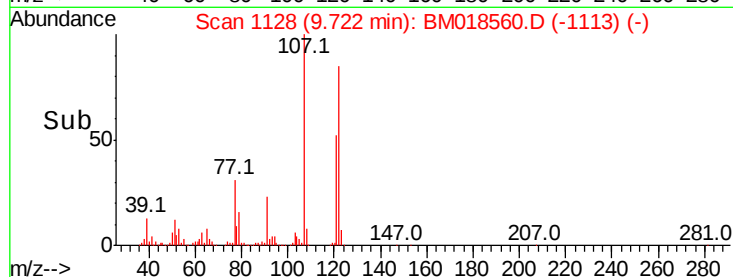
121 60.7 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.681 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

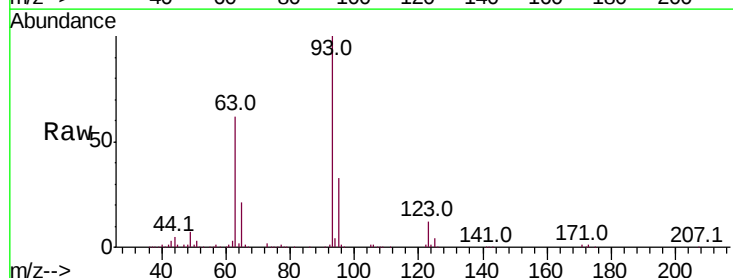
Tgt Ion: 93 Resp: 754228

Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

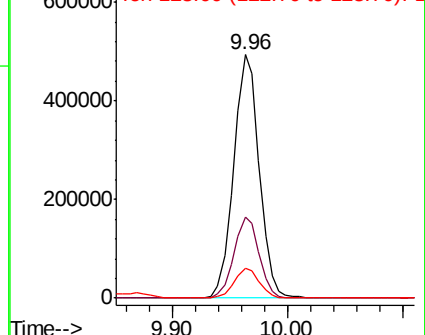
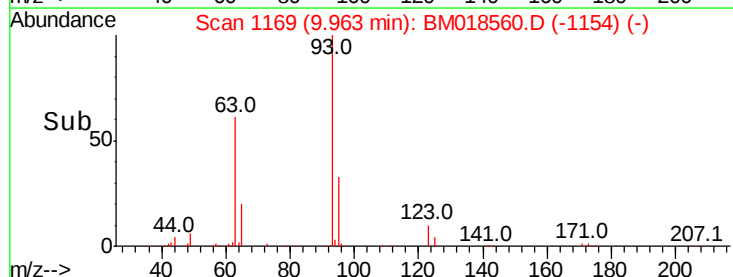
123 12.0 9.9 14.9

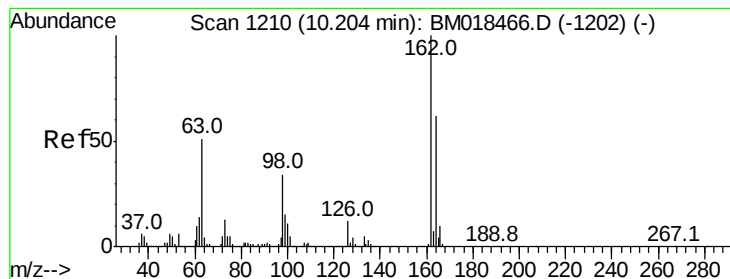


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.461 ng

RT: 10.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

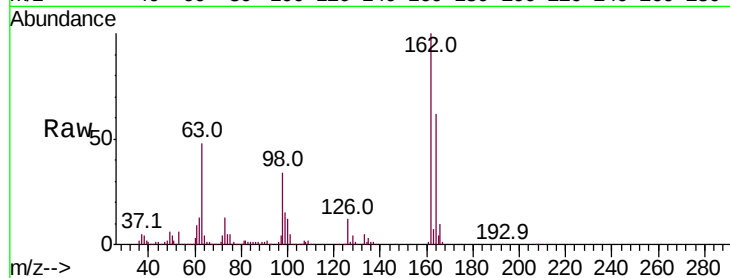
Tot Ion:162 Resp: 692022

Ion Ratio Lower Upper

162 100

164 62.5 45.6 85.6

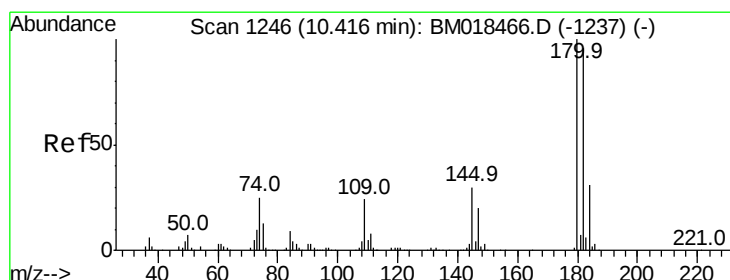
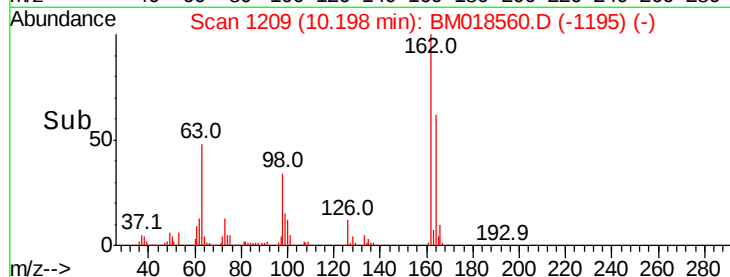
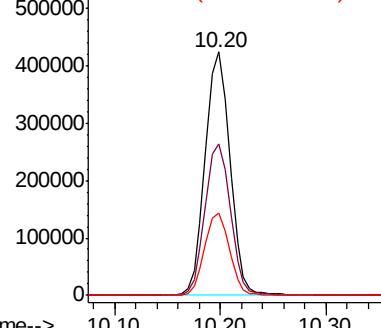
98 33.6 14.7 54.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 32.604 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

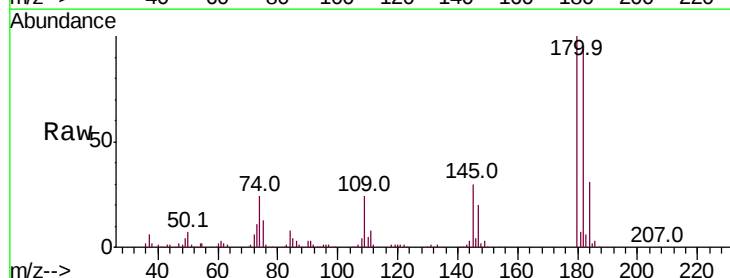
Tgt Ion:180 Resp: 675459

Ion Ratio Lower Upper

180 100

182 93.9 77.4 116.2

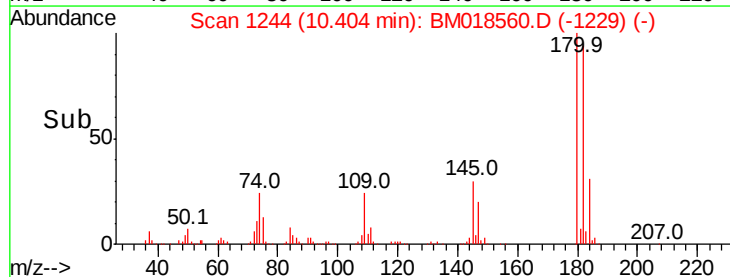
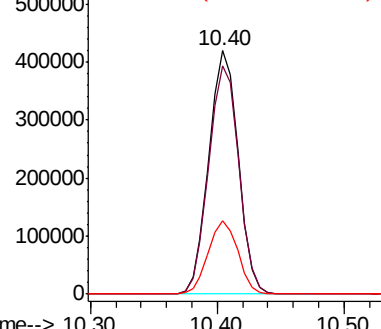
145 30.1 24.6 37.0

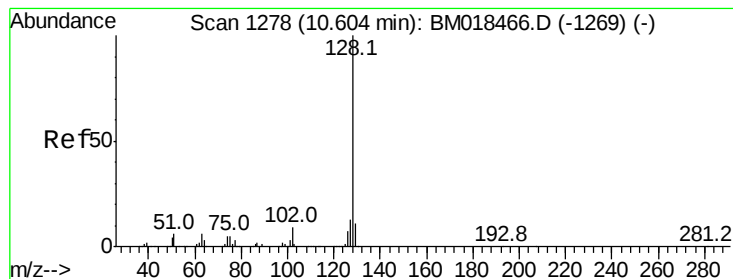


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.542 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

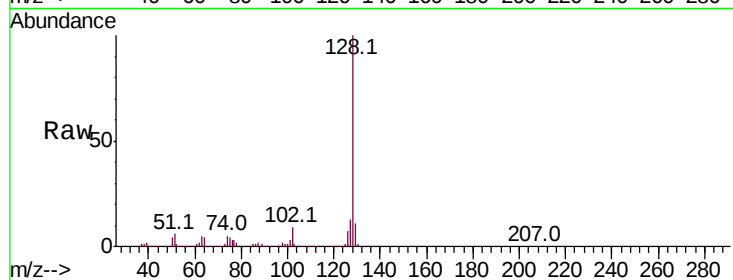
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 2005309

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.4	10.8	16.2

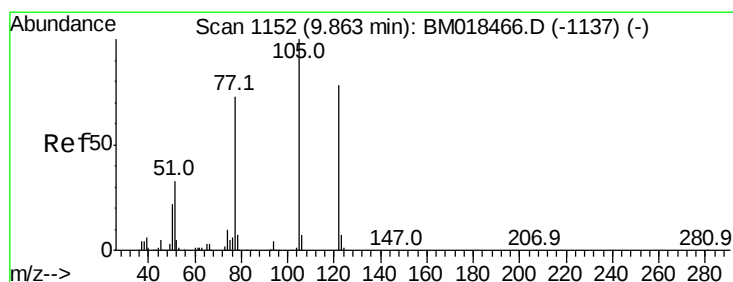
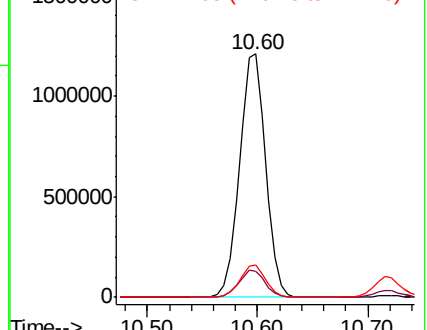
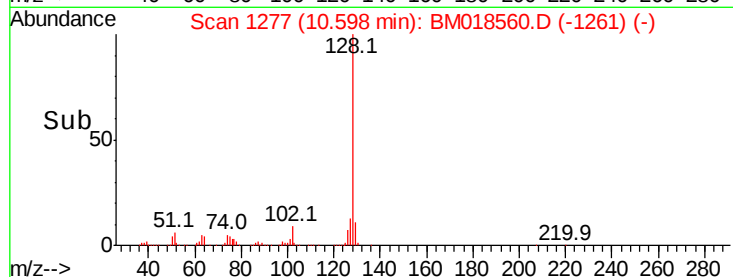


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.495 ng

RT: 9.87 min Scan# 1154

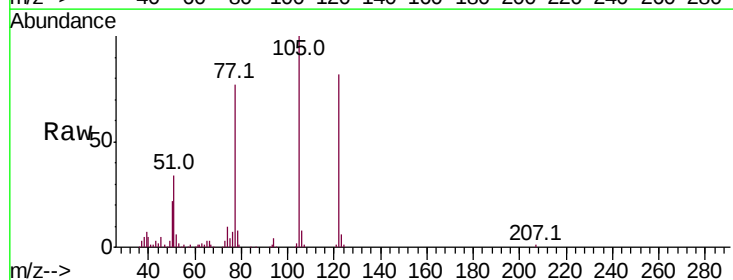
Delta R.T. -0.03 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:122 Resp: 381997

Ion	Ratio	Lower	Upper
122	100		
105	122.5	100.4	140.4
77	94.4	71.7	111.7

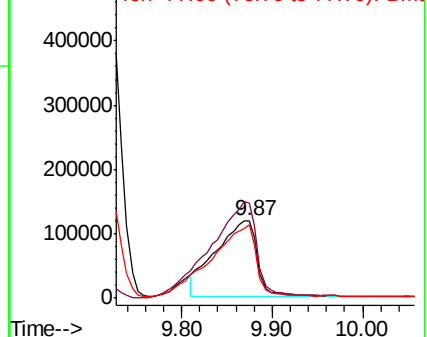
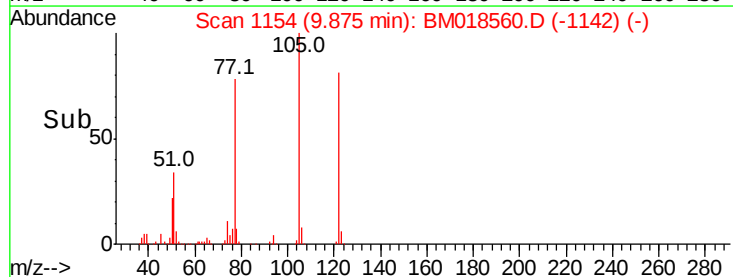


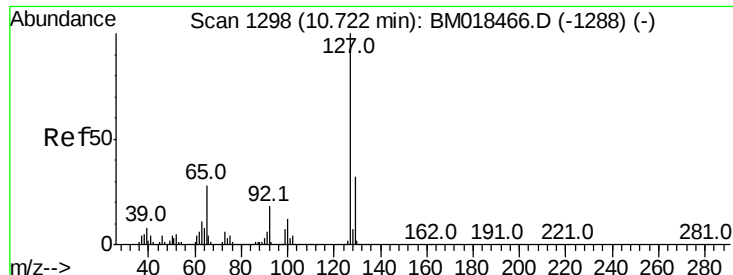
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

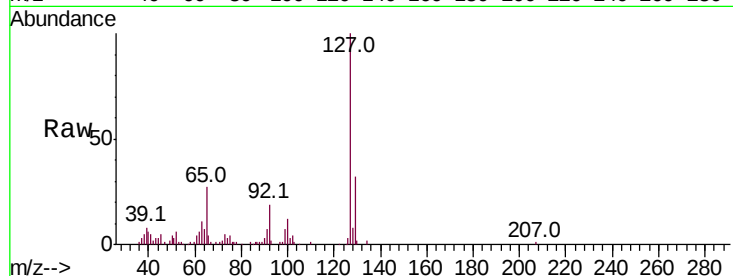




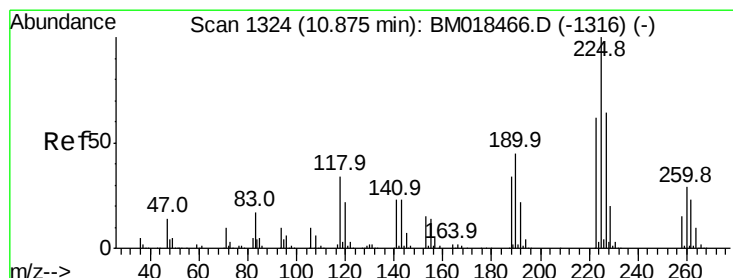
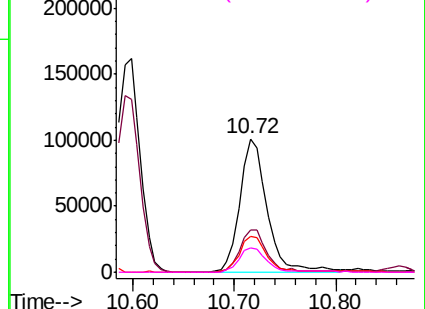
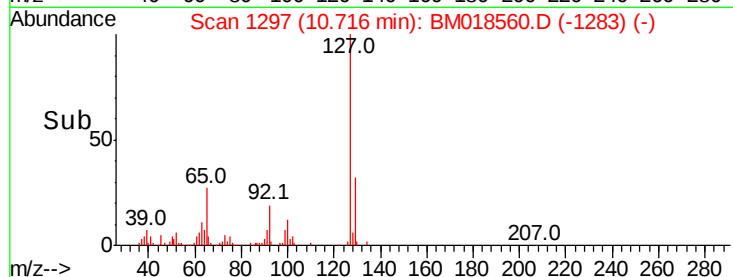
#33
4-Chloroaniline
Concen: 8.791 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	189995
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.1	23.4	35.2
92	18.7	14.5	21.7

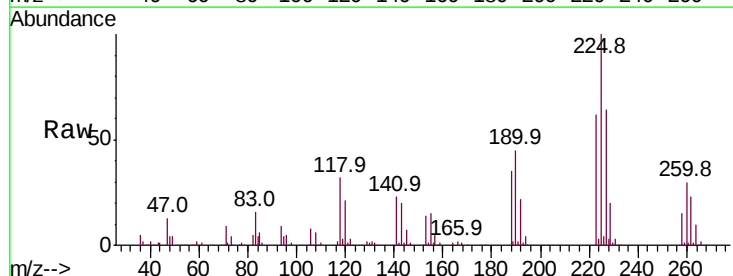


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

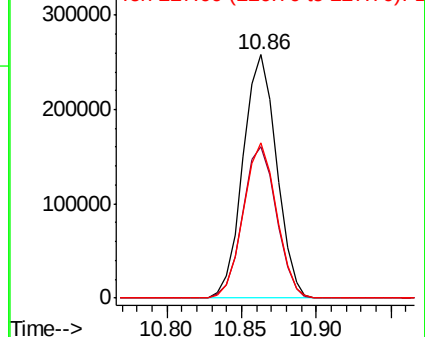
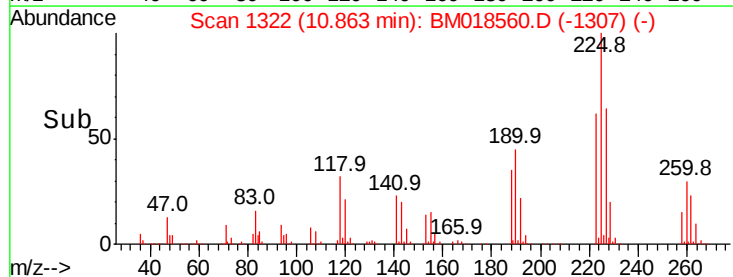


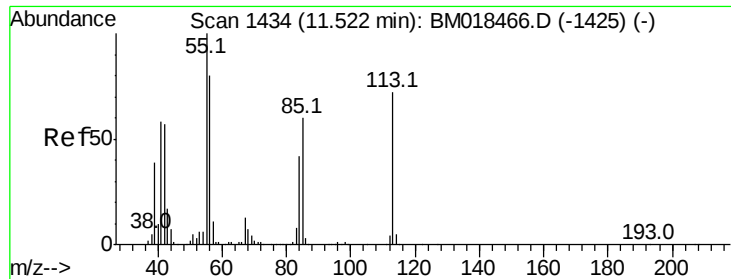
#34
Hexachlorobutadiene
Concen: 30.829 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion:	225	Resp:	403484
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.8	76.2
227	63.8	50.4	75.6



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

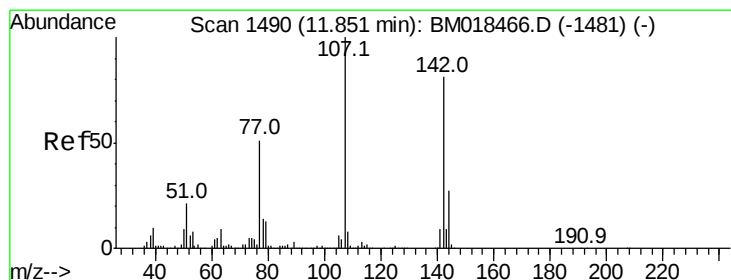
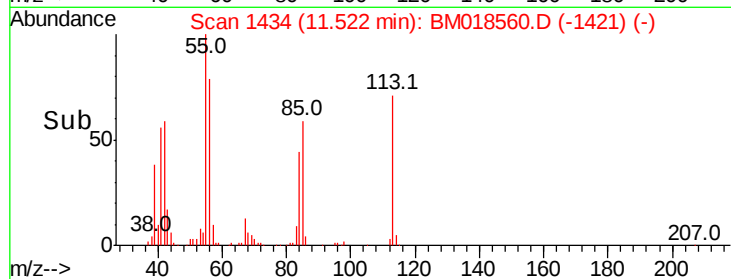
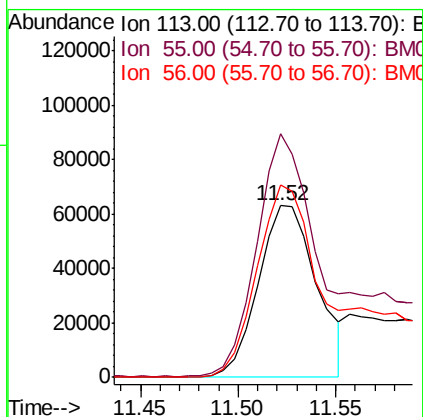
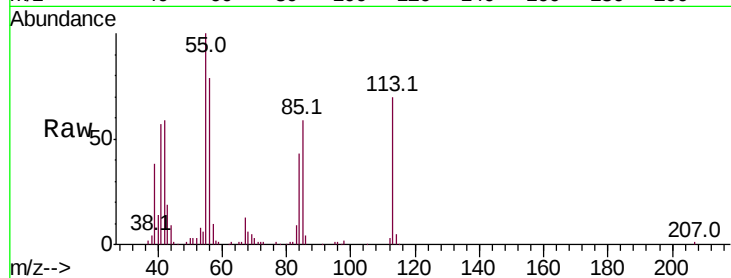




#35
 Caprolactam
 Concen: 23.050 ng
 RT: 11.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

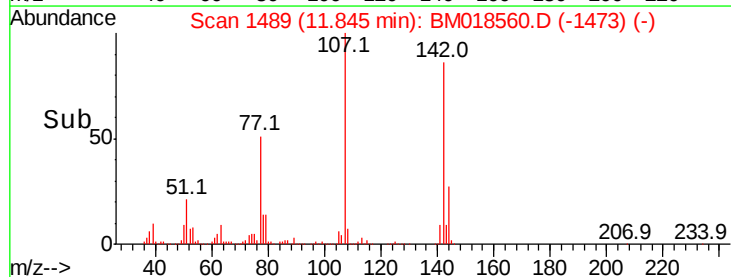
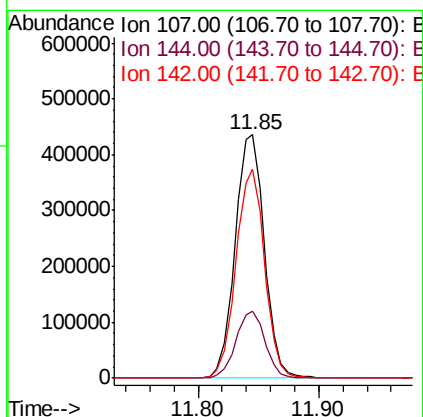
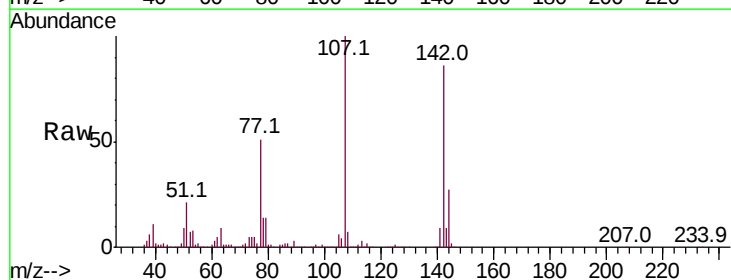
Instrument :
 BNA_M
 ClientSampleId :

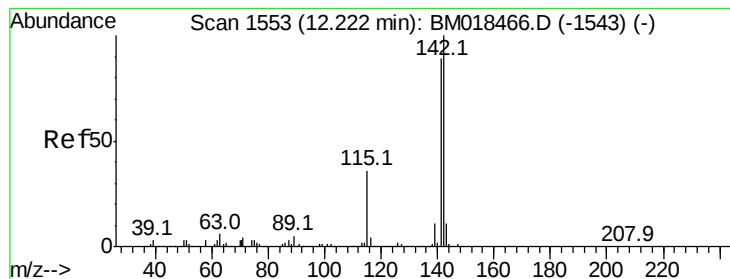
Tot Ion:113 Resp: 130803
 Ion Ratio Lower Upper
 113 100
 55 142.1 139.3 179.3
 56 112.4 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.039 ng
 RT: 11.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion:107 Resp: 736127
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.9 32.9
 142 85.7 67.9 101.9





#37

2-Methylnaphthalene

Concen: 39.677 ng

RT: 12.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

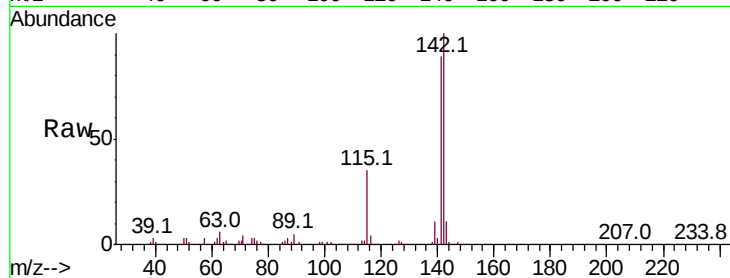
Tot Ion:142 Resp: 1538360

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

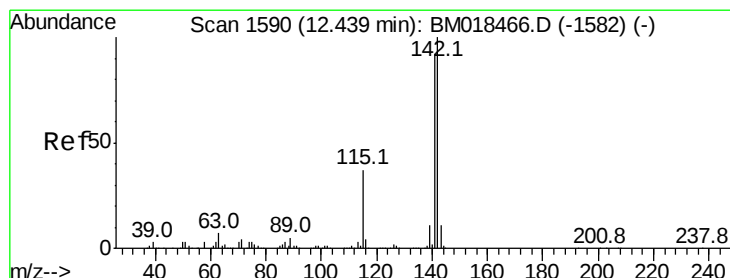
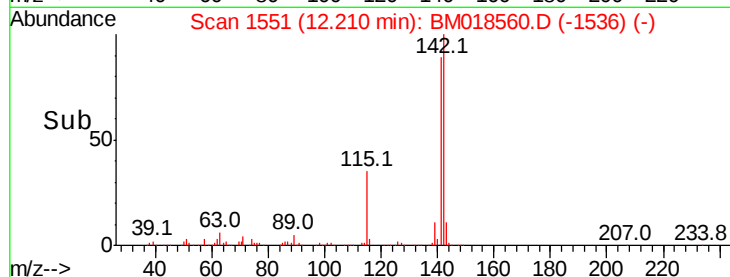
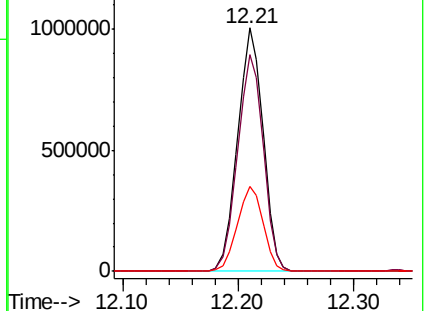
115 35.1 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.997 ng

RT: 12.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

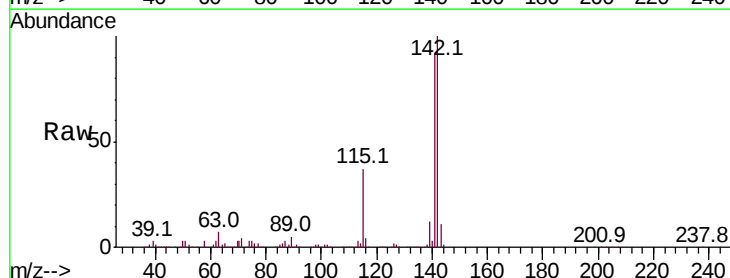
Tgt Ion:142 Resp: 1463006

Ion Ratio Lower Upper

142 100

141 92.3 75.6 113.4

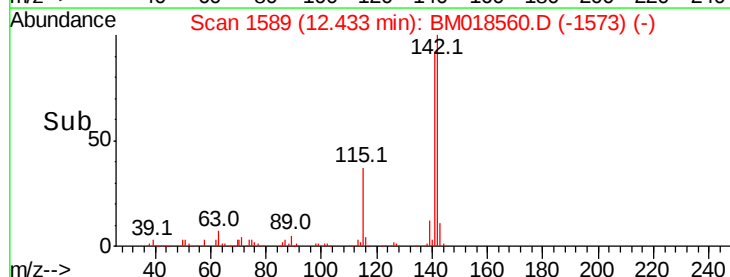
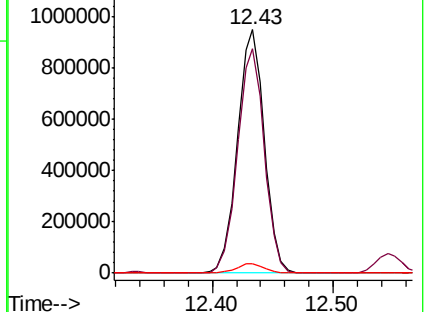
116 3.9 3.0 4.6

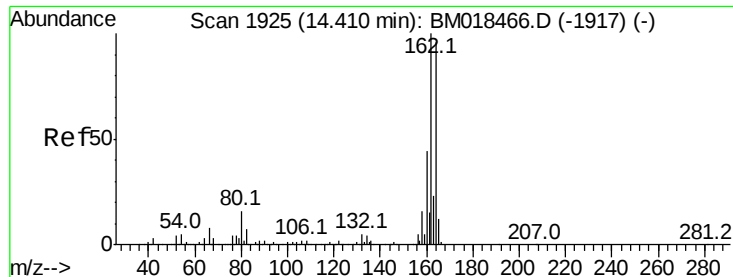


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

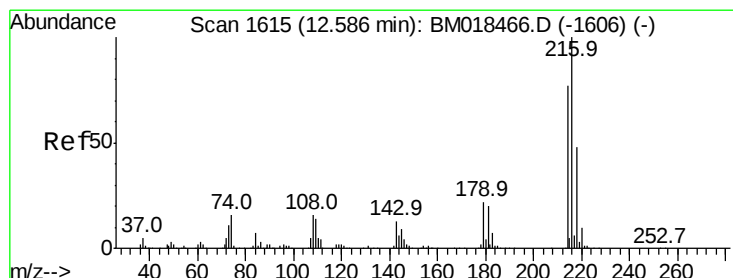
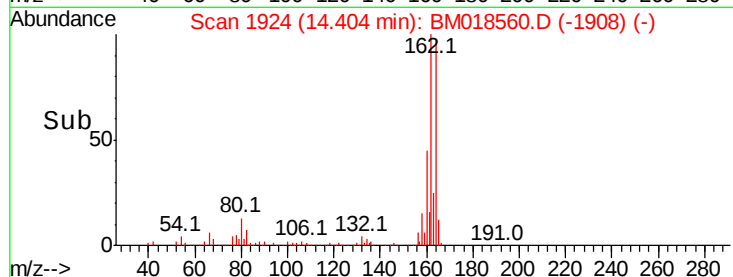
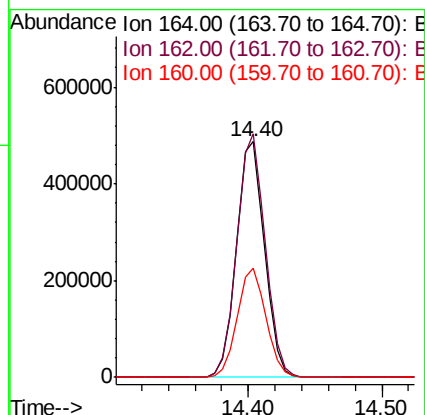
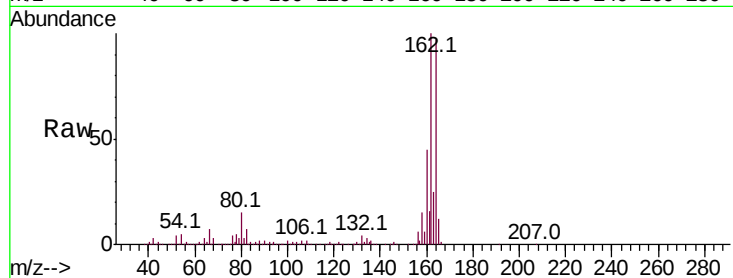




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

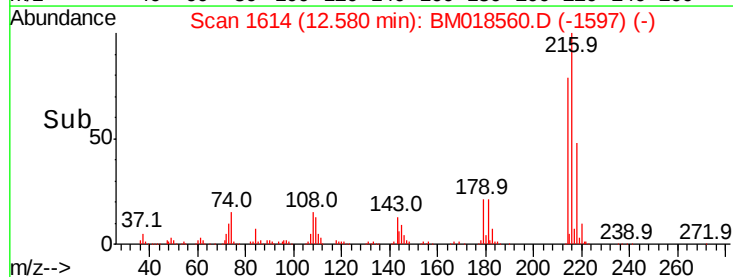
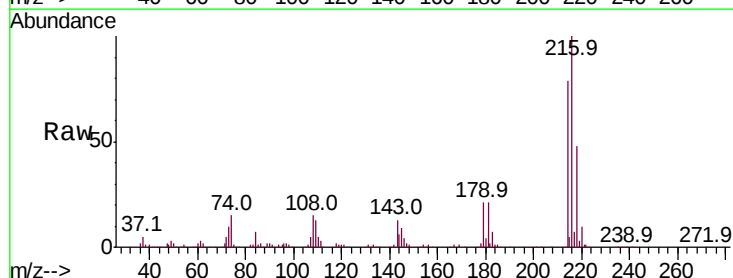
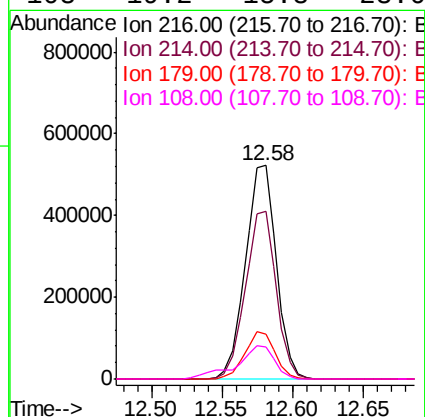
Instrument :
BNA_M
ClientSampleId :

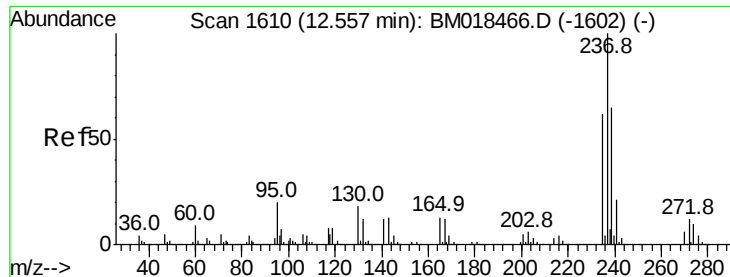
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.4
160	46.2	37.1	55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.188 ng
RT: 12.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.0
179	21.6	17.9	26.9
108	19.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 70.066 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

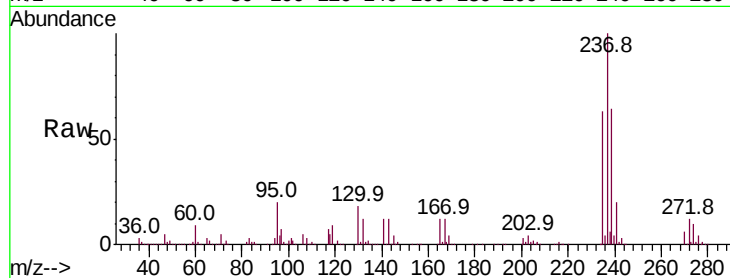
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 956722

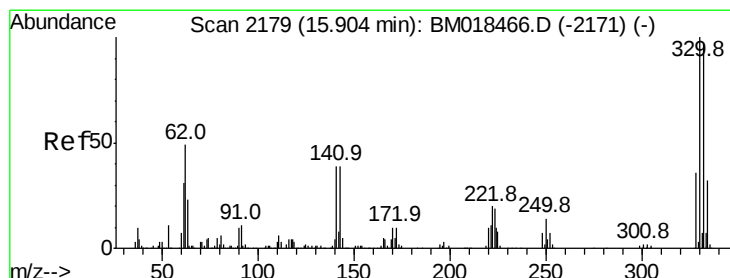
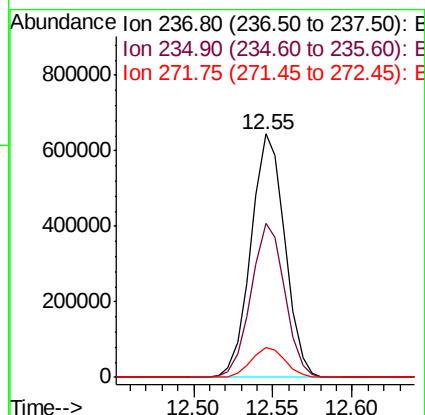
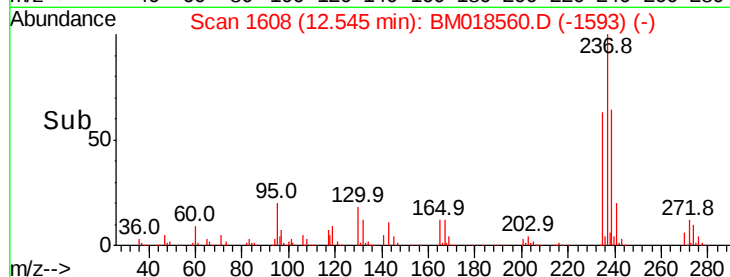
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.8	82.8
272	12.2	0.0	31.9



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: 121.188 ng

RT: 15.90 min Scan# 2178

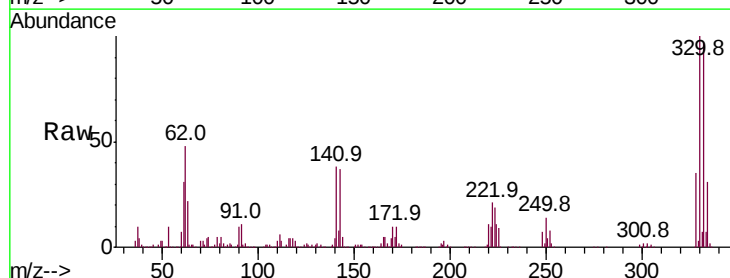
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:330 Resp: 1097838

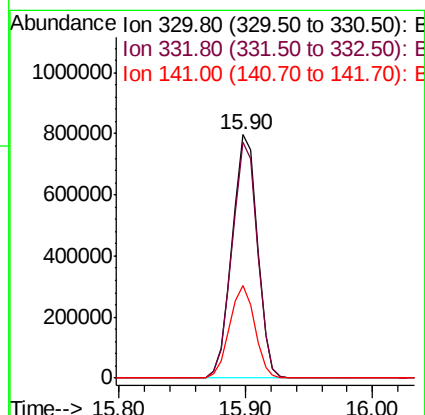
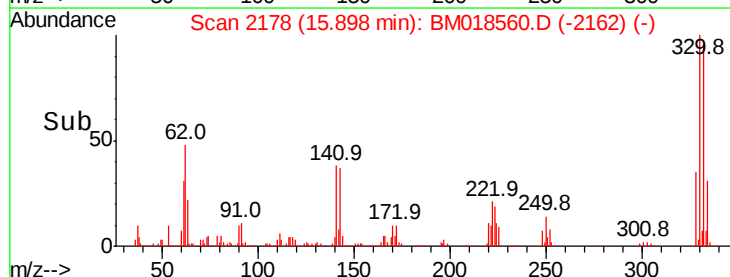
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	37.9	31.7	47.5

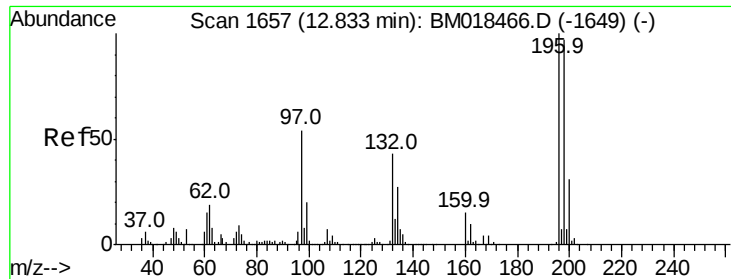


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

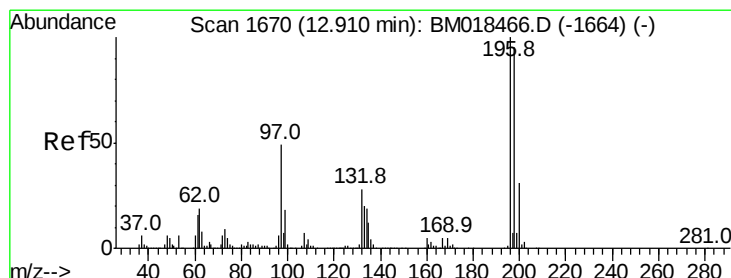
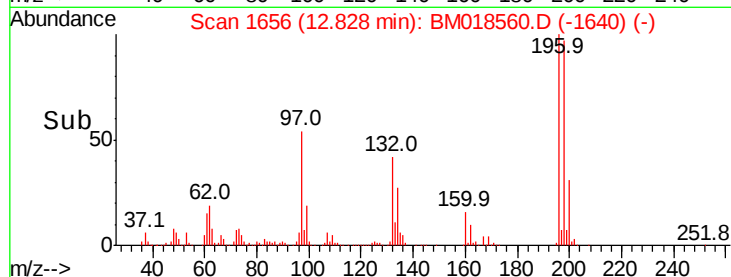
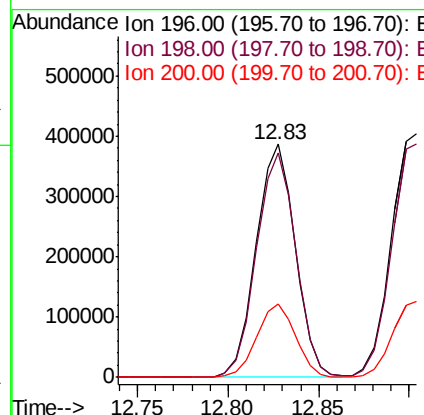
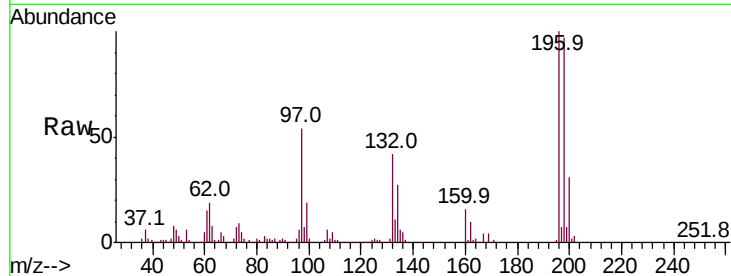




#43
 2,4,6-Trichlorophenol
 Concen: 38.435 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

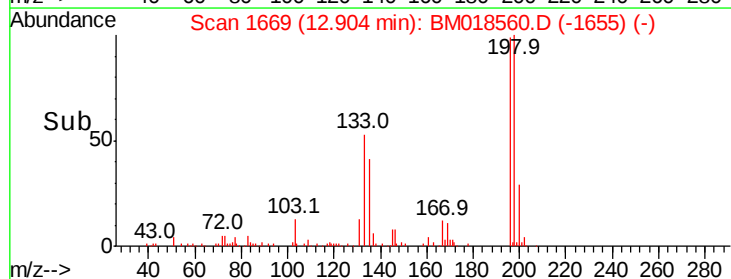
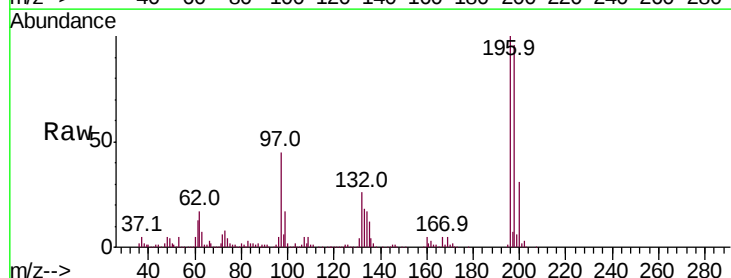
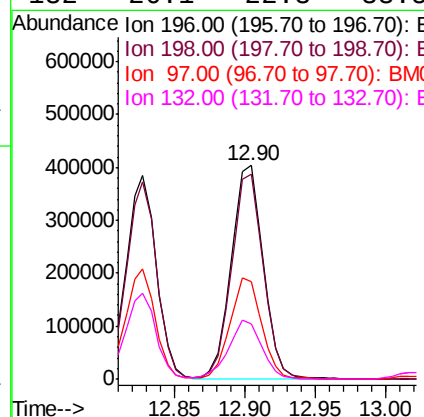
Instrument :
 BNA_M
 ClientSampleId :

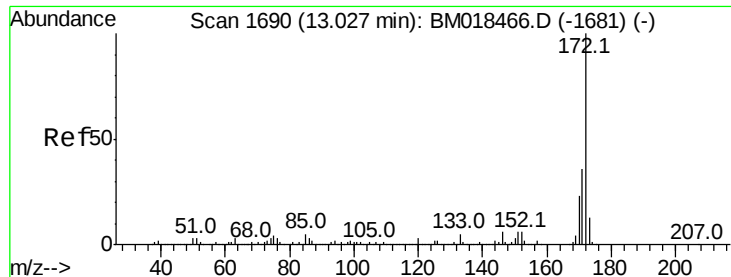
Tot Ion	196	Resp	580695
Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	115.0
200	31.3	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 39.789 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion	196	Resp	632229
Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.7	115.1
97	45.4	39.2	58.8
132	26.1	22.3	33.5



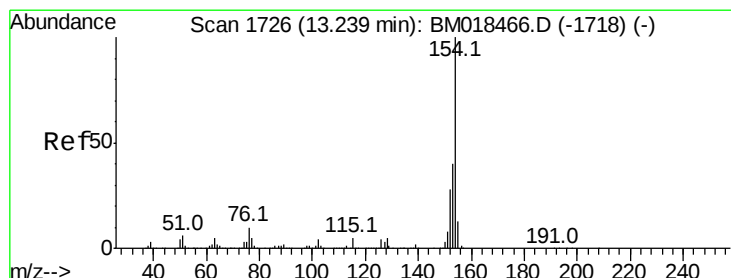
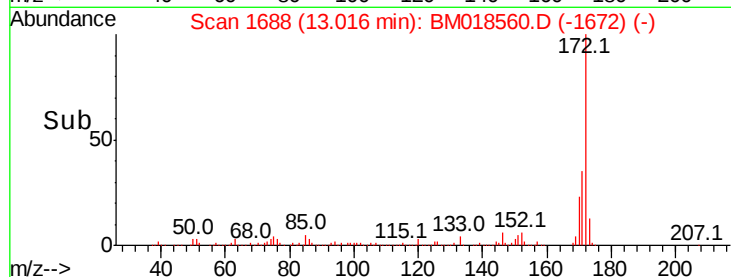
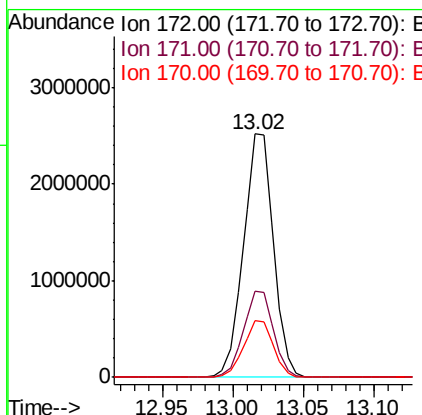
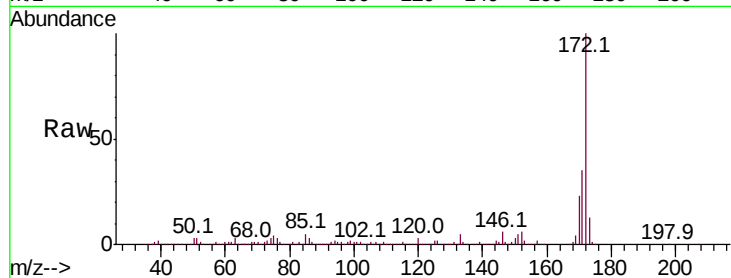


#45
 2-Fluorobiphenyl
 Concen: 68.511 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3735483

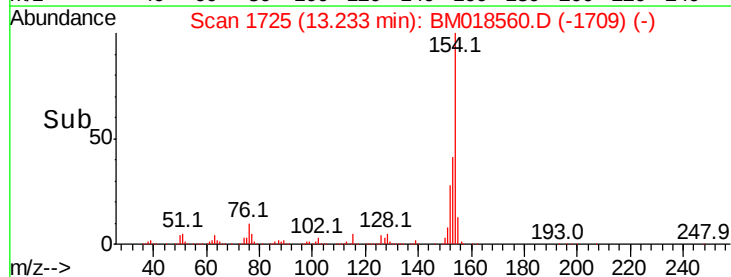
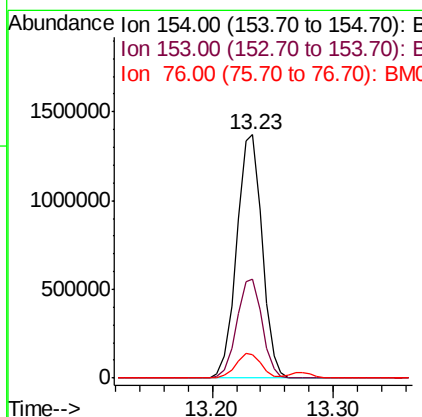
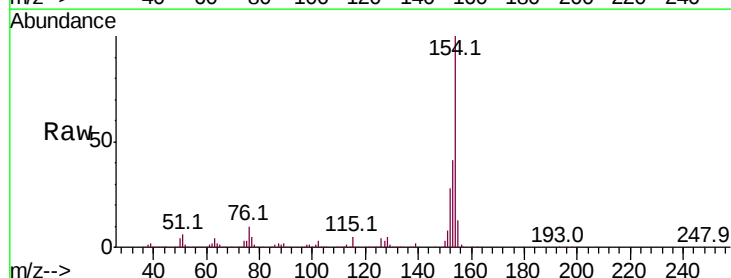
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.3	18.9	28.3

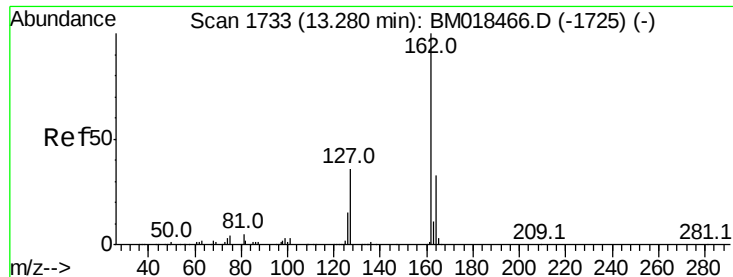


#46
 1,1'-Biphenyl
 Concen: 32.372 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion:154 Resp: 2010995

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	9.9	0.0	31.9





#47

2-Chloronaphthalene

Concen: 32.524 ng

RT: 13.27 min Scan# 1732

Delta R.T. -0.01 min

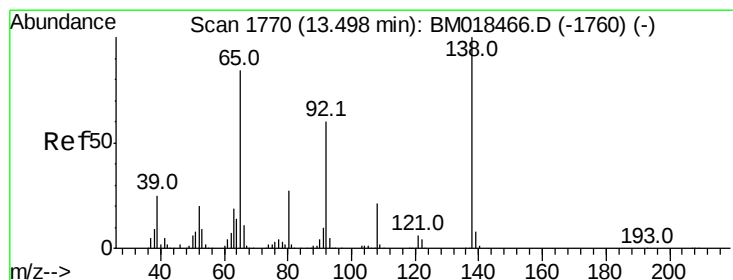
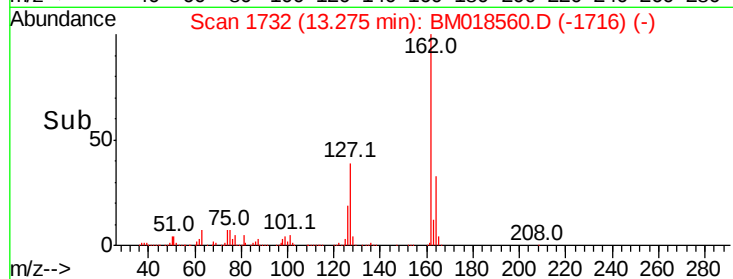
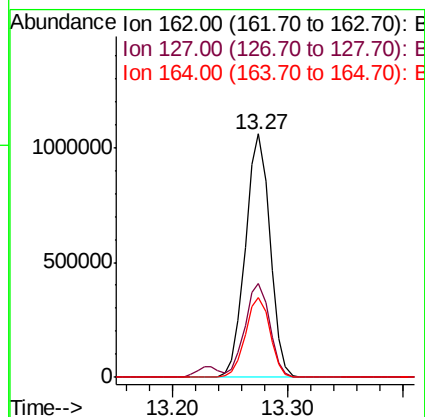
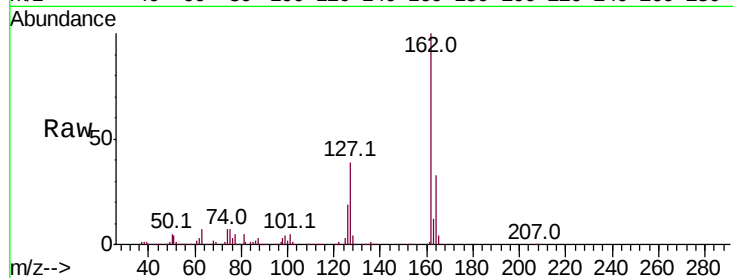
Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 1566760

Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.4	47.0
164	33.0	26.2	39.4



#48

2-Nitroaniline

Concen: 37.678 ng

RT: 13.49 min Scan# 1769

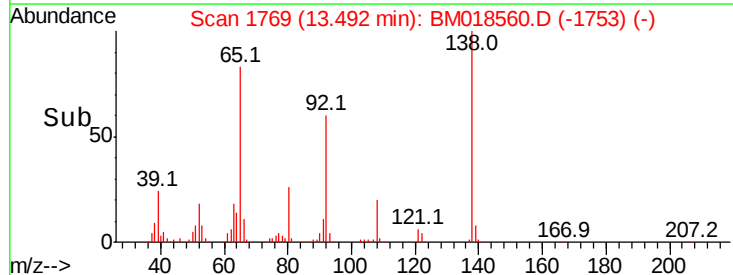
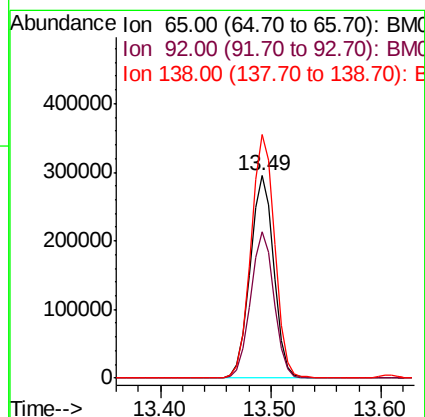
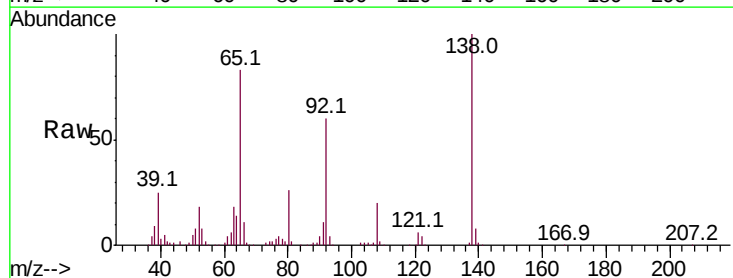
Delta R.T. -0.01 min

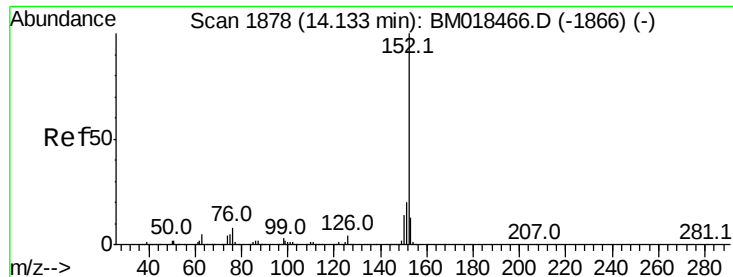
Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion: 65 Resp: 446547

Ion	Ratio	Lower	Upper
65	100		
92	72.1	53.4	80.2
138	120.2	88.9	133.3





#49

Acenaphthylene

Concen: 37.266 ng

RT: 14.12 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

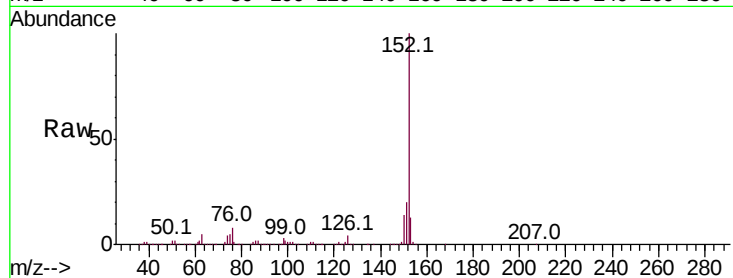
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2616206

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.3	10.5	15.7

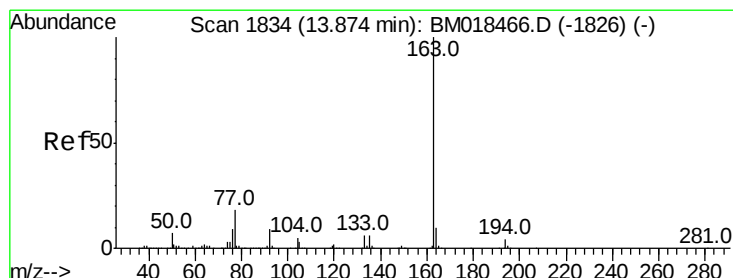
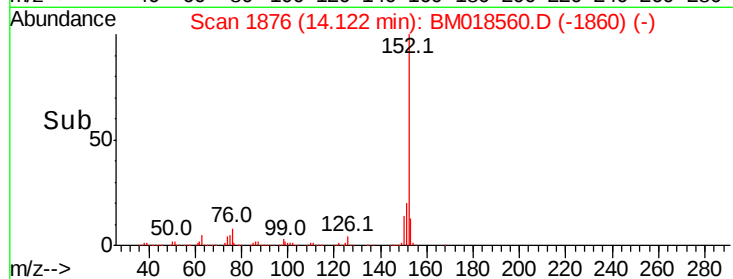
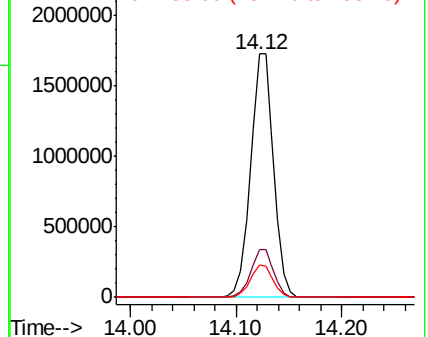


Abundance

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: 35.834 ng

RT: 13.87 min Scan# 1833

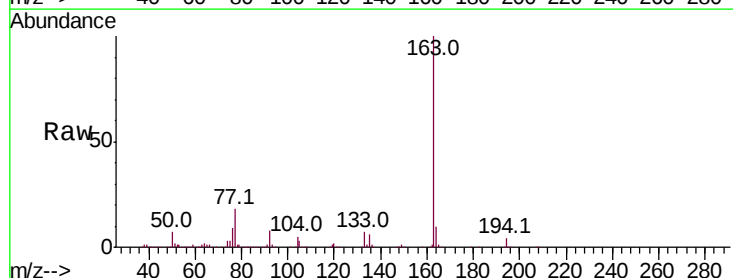
Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:163 Resp: 2093832

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	7.8	11.8

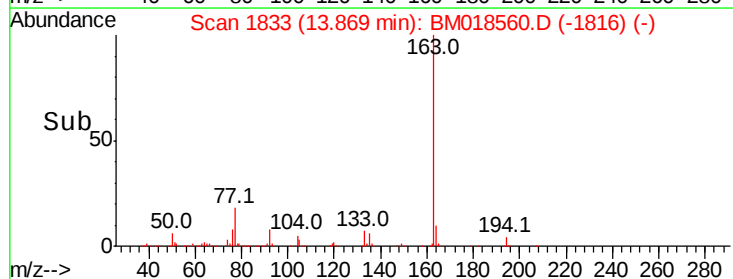
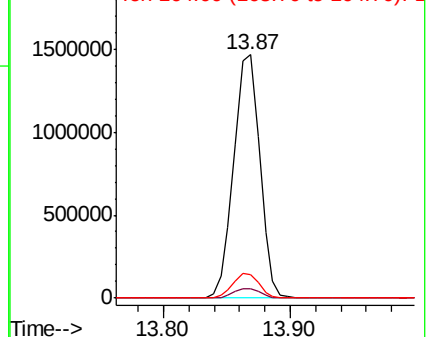


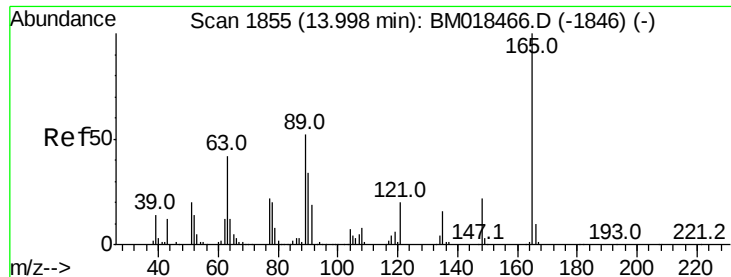
Abundance

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

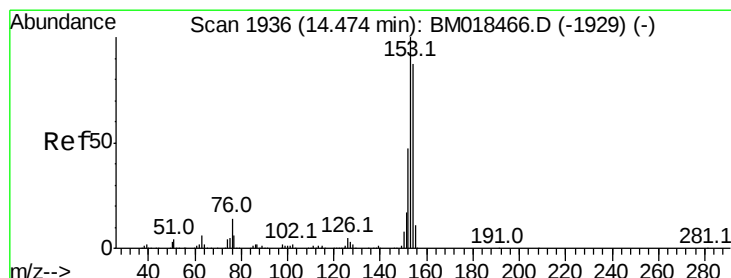
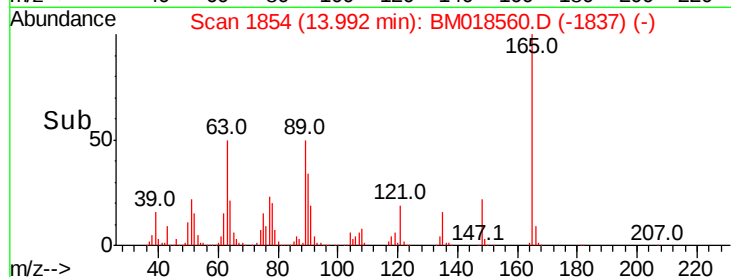
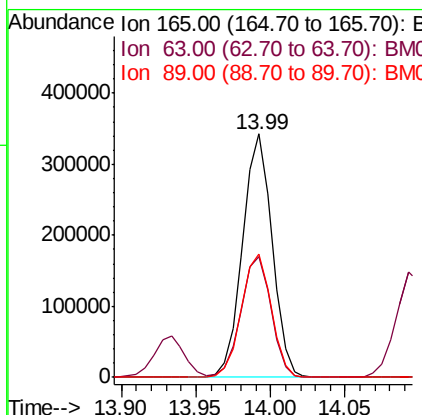
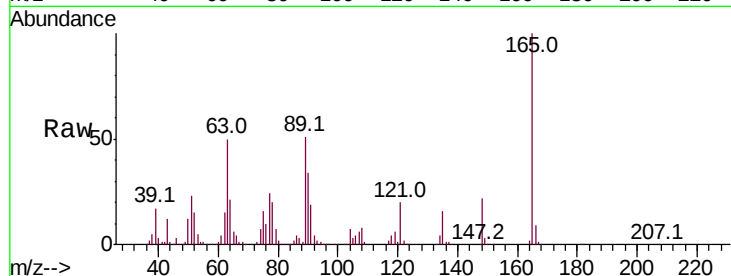




#51
2,6-Dinitrotoluene
Concen: 37.972 ng
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

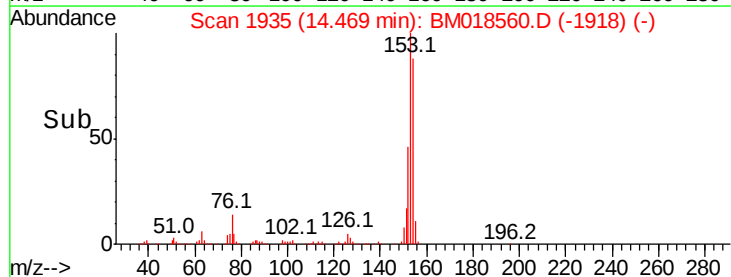
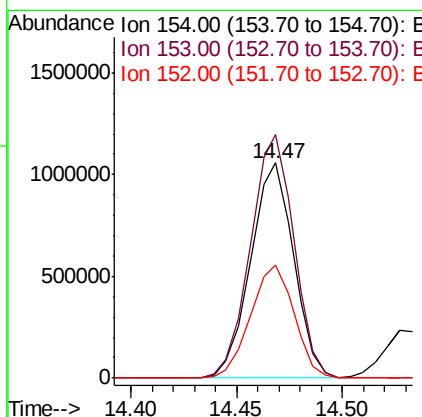
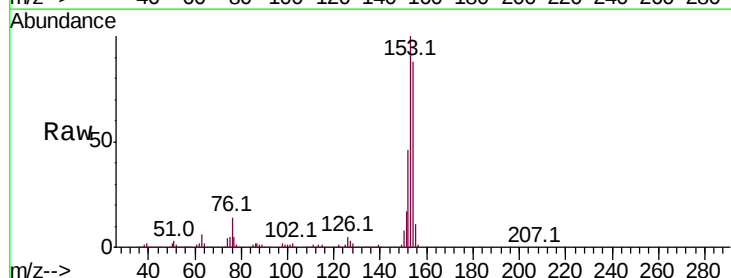
Instrument :
BNA_M
ClientSampleId :

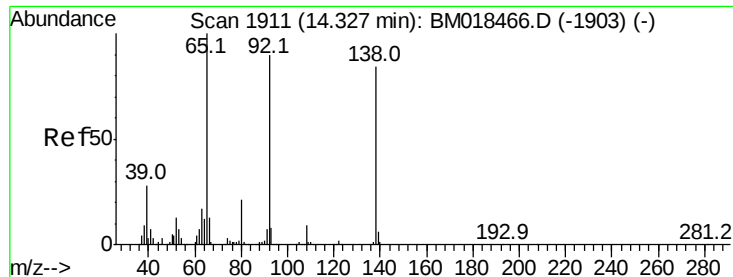
Tot Ion:165 Resp: 469974
Ion Ratio Lower Upper
165 100
63 49.9 45.6 68.4
89 50.6 44.6 66.8



#52
Acenaphthene
Concen: 34.943 ng
RT: 14.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion:154 Resp: 1500966
Ion Ratio Lower Upper
154 100
153 113.2 92.3 138.5
152 52.3 43.8 65.6

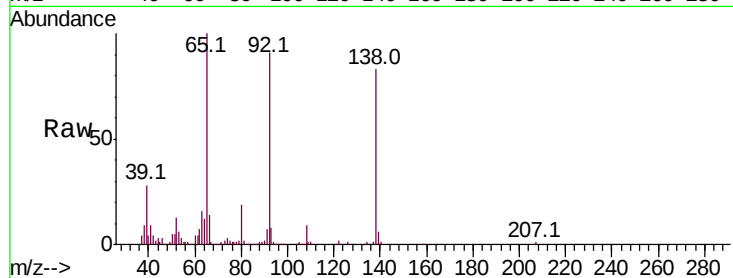




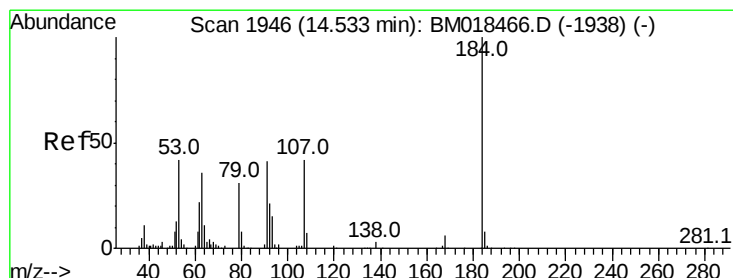
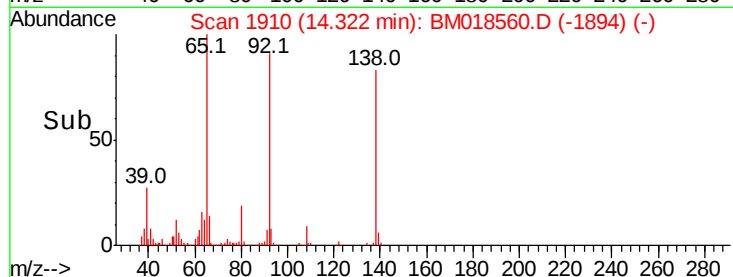
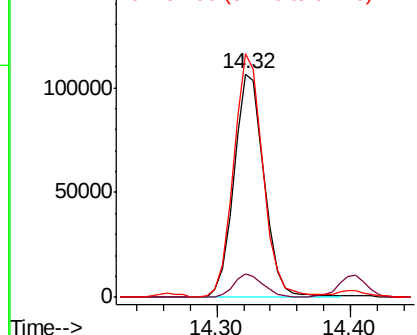
#53
3-Nitroaniline
Concen: 13.416 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 167410
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 108.9 88.2 132.2

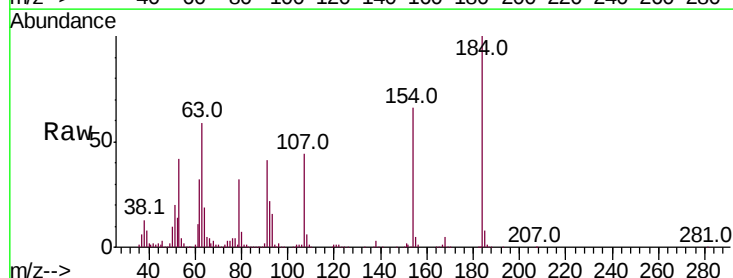


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0

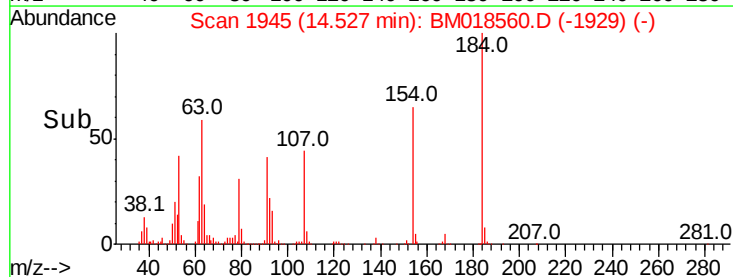
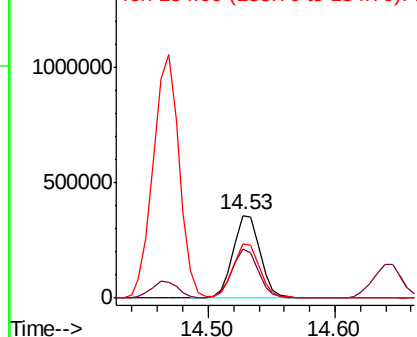


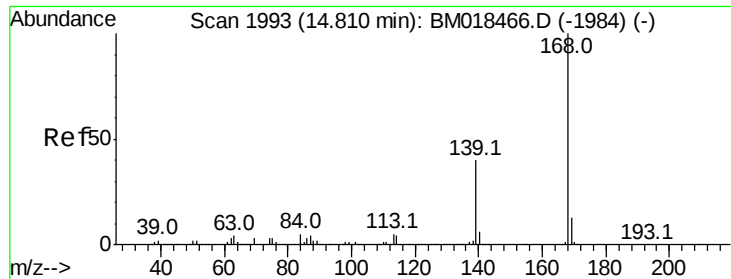
#54
2,4-Dinitrophenol
Concen: 79.228 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion:184 Resp: 530338
Ion Ratio Lower Upper
184 100
63 59.1 55.9 83.9
154 65.7 54.2 81.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.697 ng

RT: 14.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

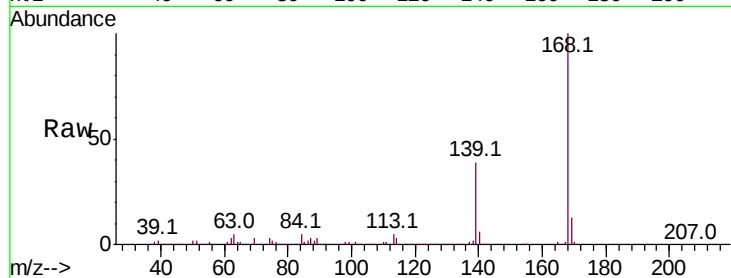
Tot Ion:168 Resp: 2462519

Ion Ratio Lower Upper

168 100

139 39.1 30.3 45.5

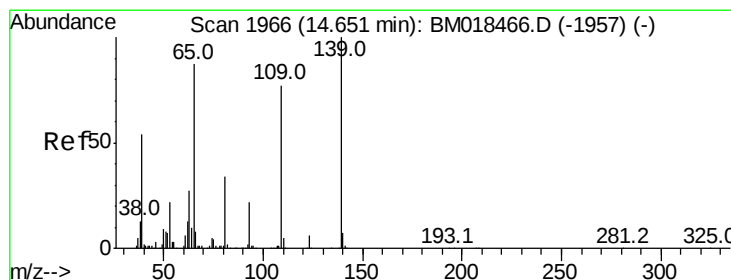
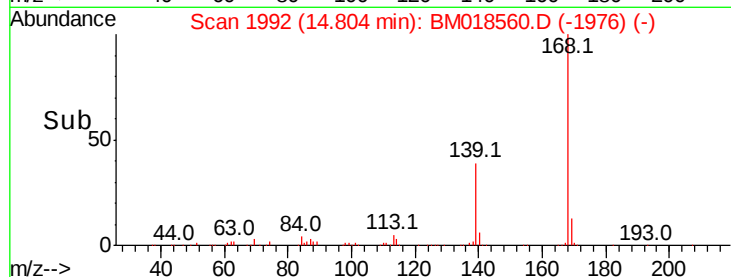
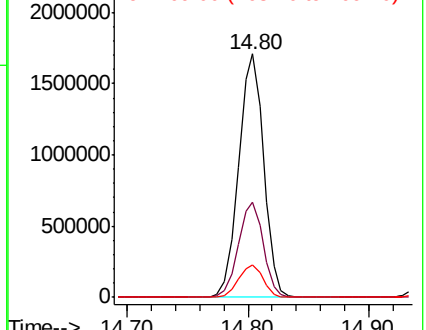
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.411 ng

RT: 14.65 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

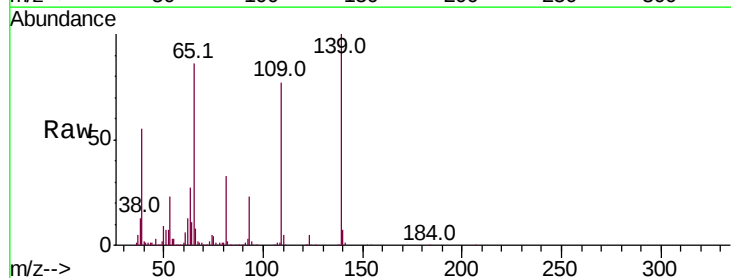
Tgt Ion:139 Resp: 866806

Ion Ratio Lower Upper

139 100

109 76.6 51.7 91.7

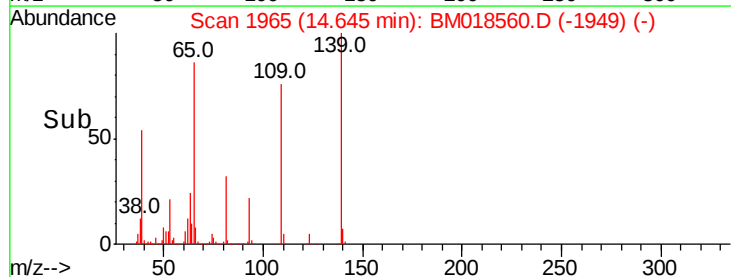
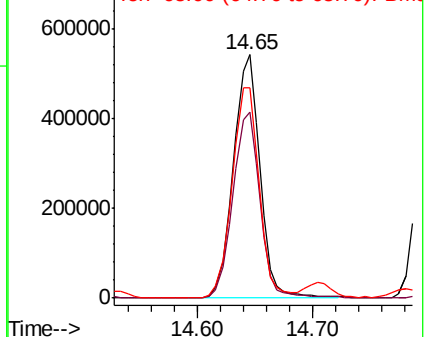
65 86.5 71.4 111.4

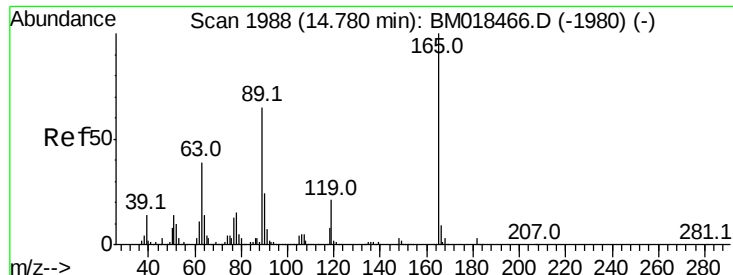


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

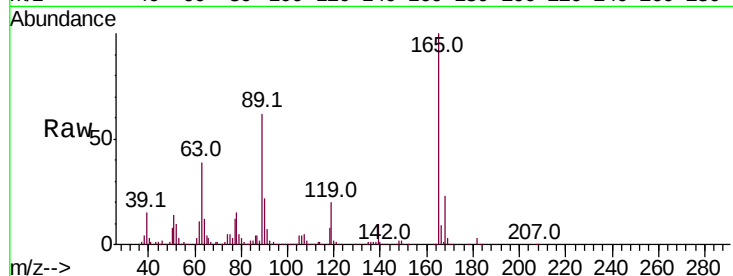




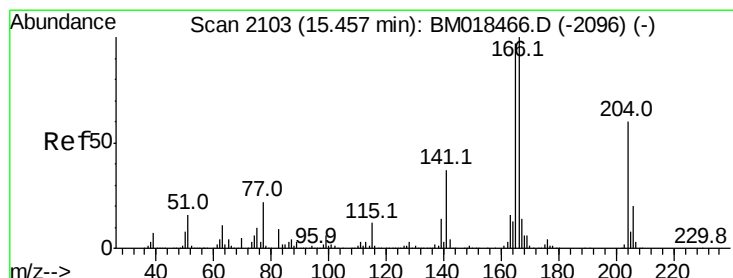
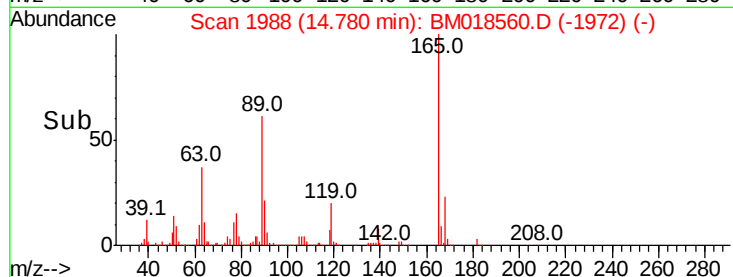
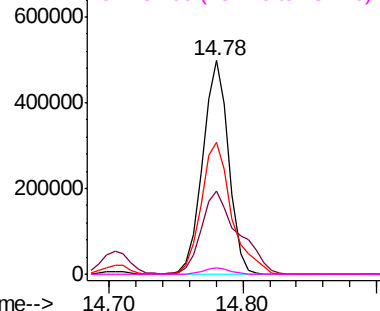
#57
2,4-Dinitrotoluene
Concen: 38.495 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	32.2	48.2
89	61.9	52.1	78.1
182	2.8	2.5	3.7

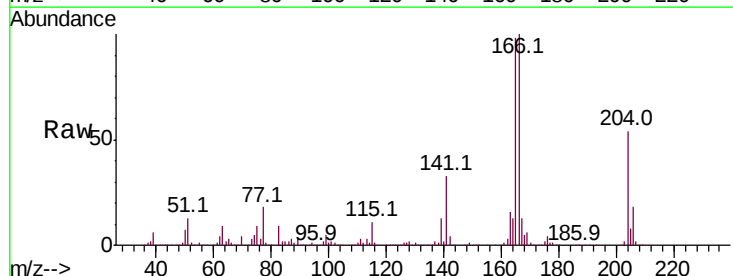


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

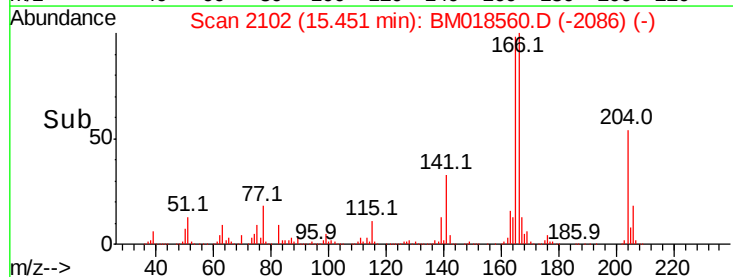
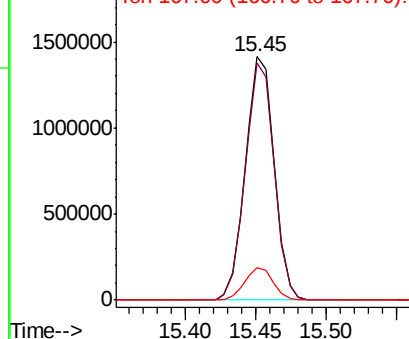


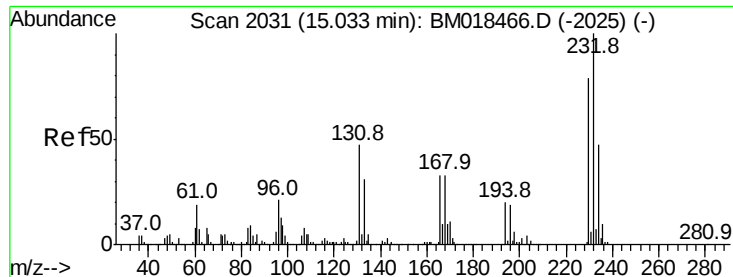
#58
Fluorene
Concen: 38.197 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.3	117.5
167	13.4	10.9	16.3



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.027 ng

RT: 15.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 577833

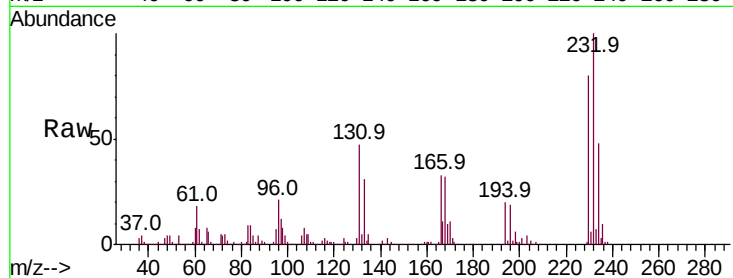
Ion Ratio Lower Upper

232 100

131 46.7 38.6 57.8

130 2.6 2.2 3.4

166 32.4 27.2 40.8

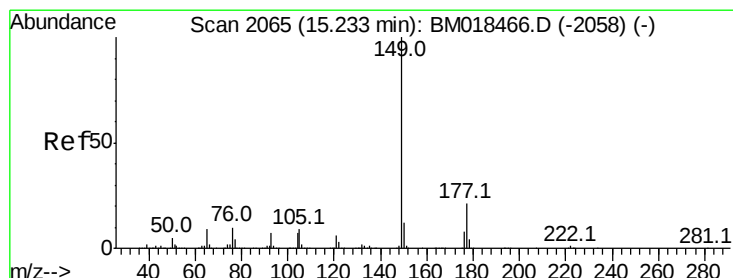
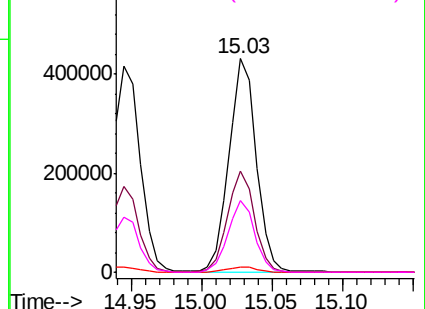
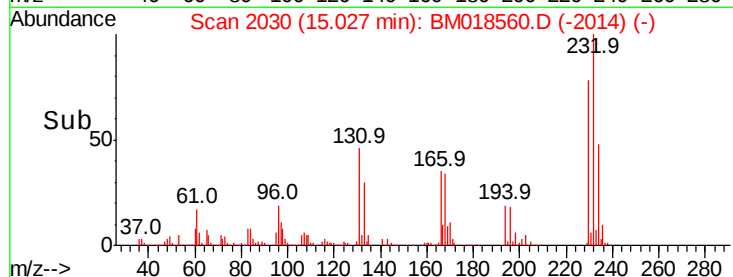


Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.968 ng

RT: 15.23 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

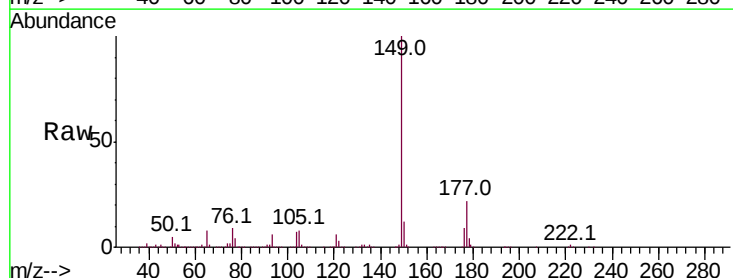
Tgt Ion:149 Resp: 2180621

Ion Ratio Lower Upper

149 100

177 22.2 17.1 25.7

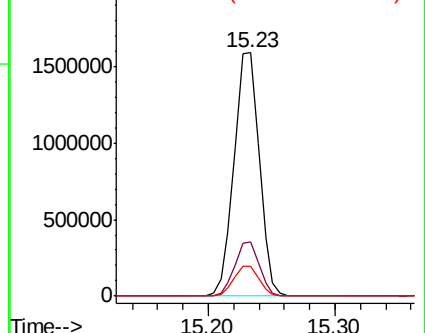
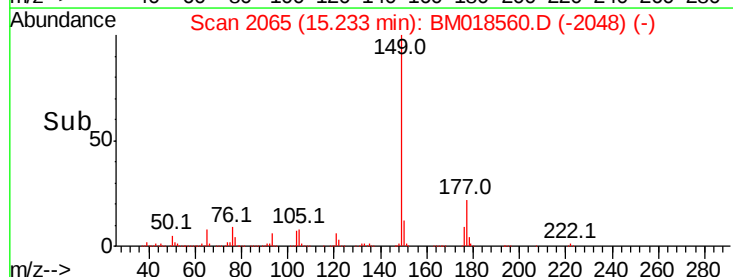
150 12.5 9.8 14.6

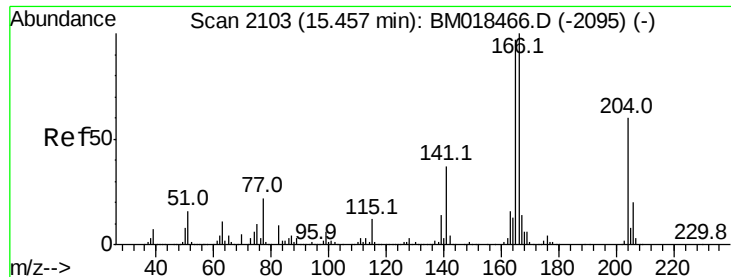


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

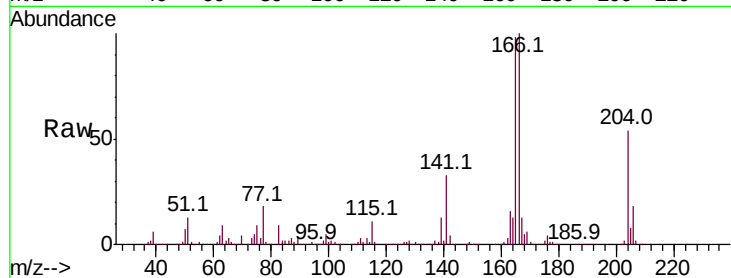




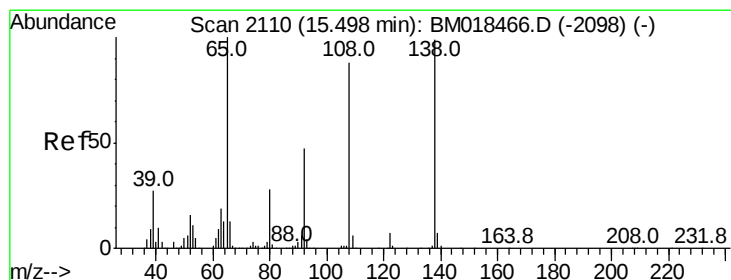
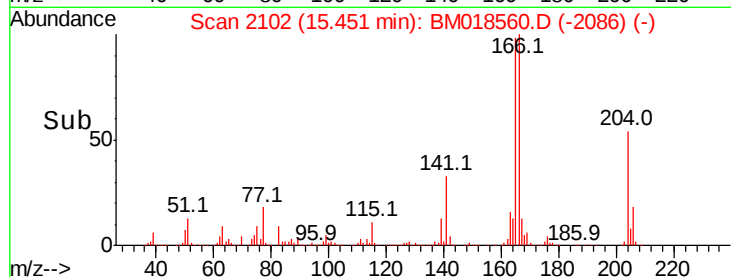
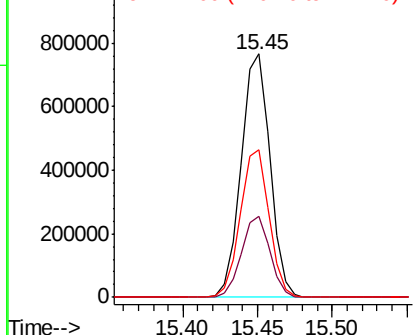
#61
4-Chlorophenyl-phenylether
Concen: 33.654 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1025503
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 60.5 49.5 74.3

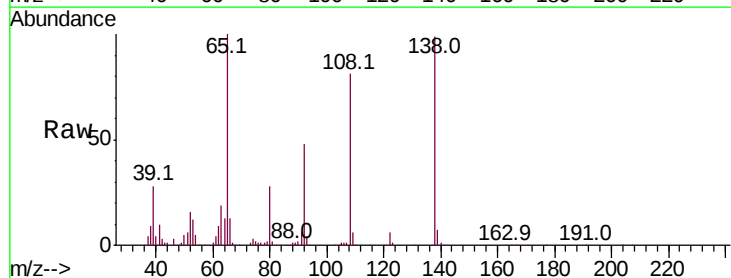


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

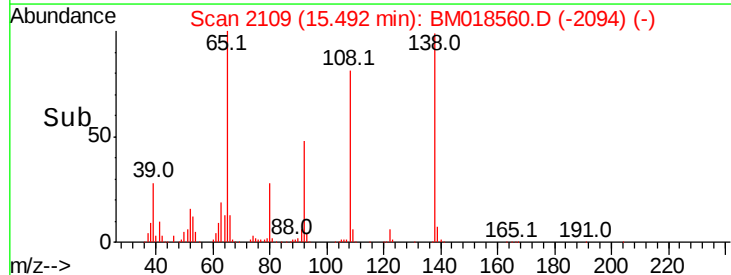
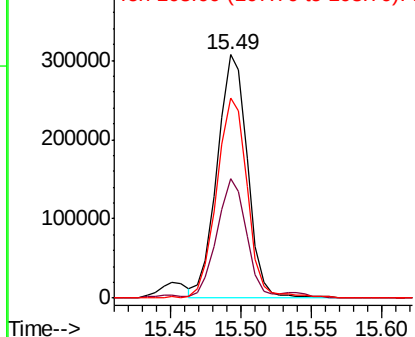


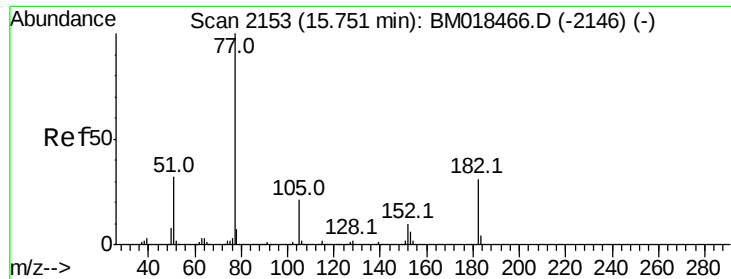
#62
4-Nitroaniline
Concen: 33.457 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion:138 Resp: 455366
Ion Ratio Lower Upper
138 100
92 48.9 29.0 69.0
108 82.0 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: 35.382 ng

RT: 15.74 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1701593

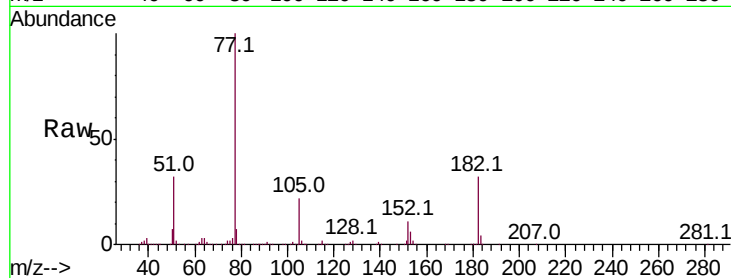
Ion Ratio Lower Upper

77 100

182 32.0 7.4 47.4

105 21.6 0.0 39.6

51 31.6 12.0 52.0

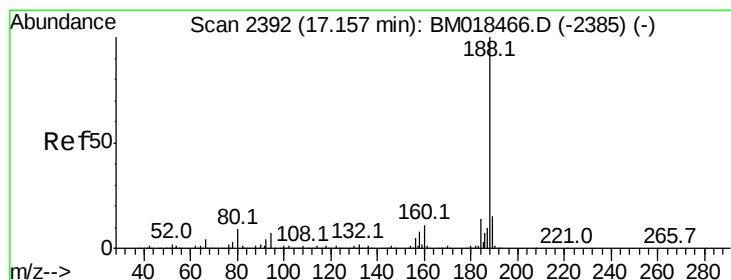
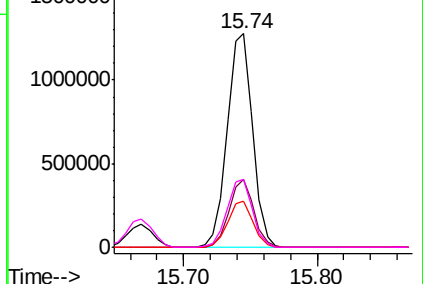
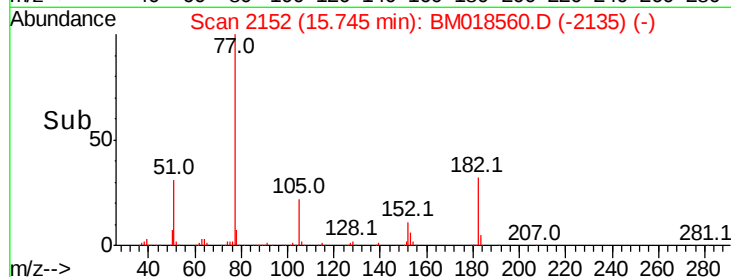


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

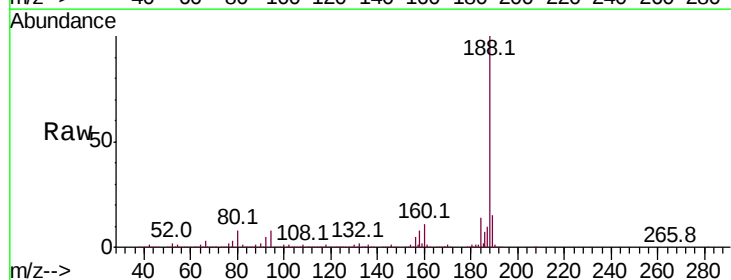
Tgt Ion:188 Resp: 1702816

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

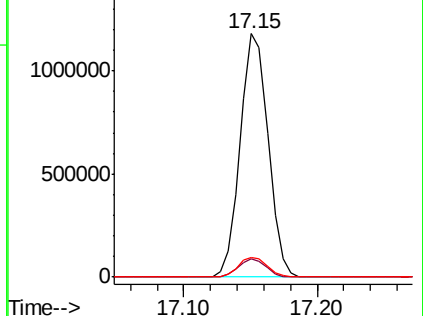
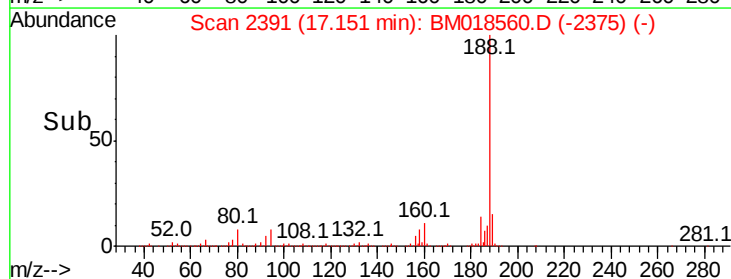
80 8.3 7.6 11.4

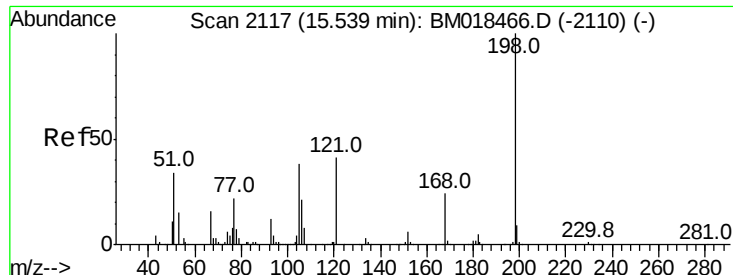


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

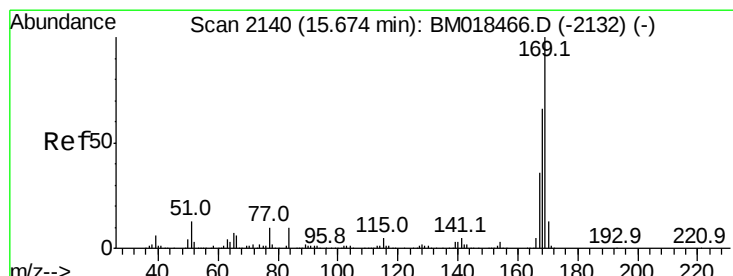
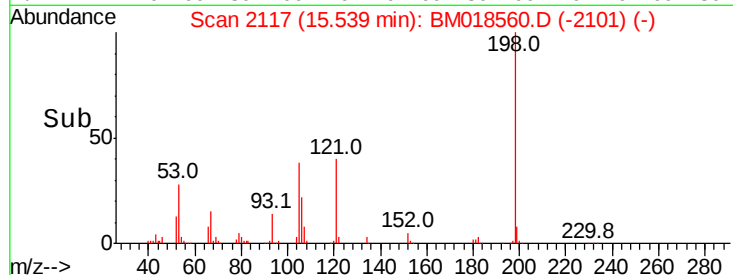
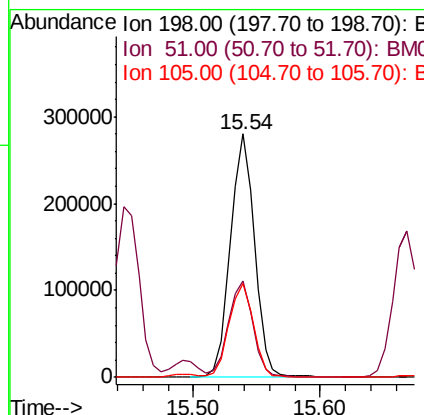
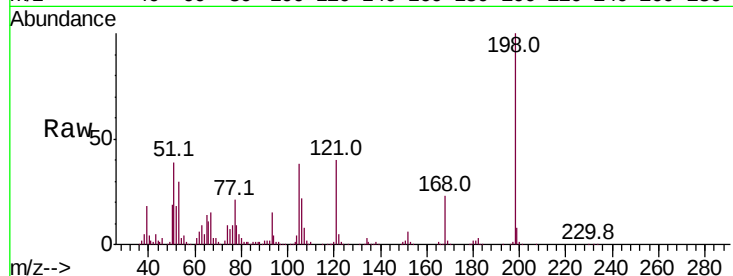




#65
4,6-Dinitro-2-methylphenol
Concen: 35.512 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

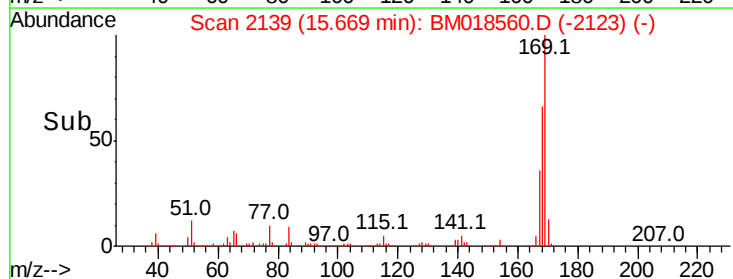
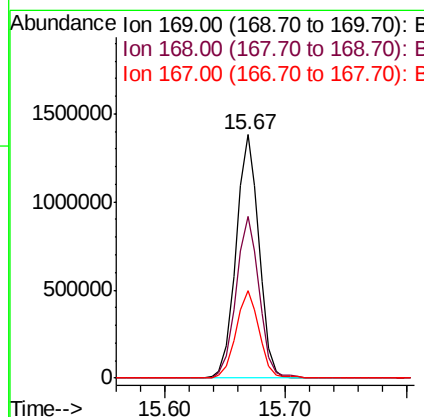
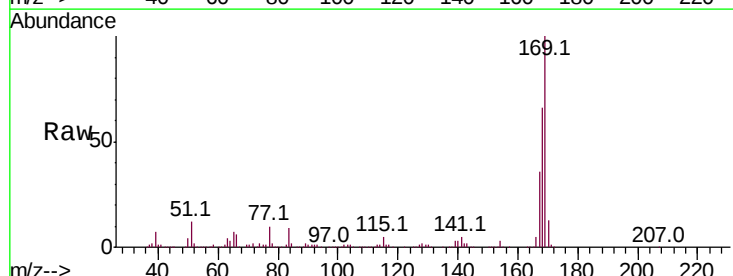
Instrument :
BNA_M
ClientSampleId :

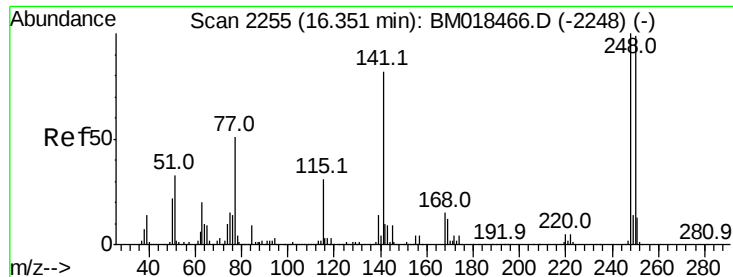
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.4	29.6	69.6
105	38.4	25.5	65.5



#66
n-Nitrosodiphenylamine
Concen: 34.404 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.1	81.1
167	36.2	28.6	42.8

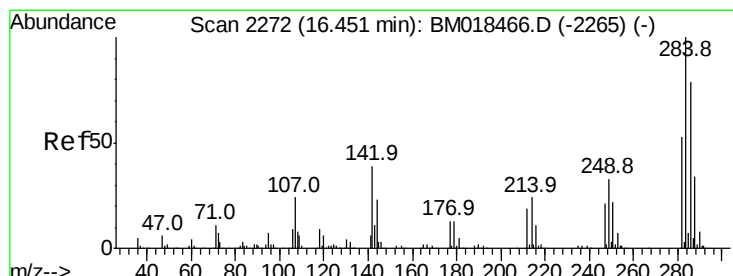
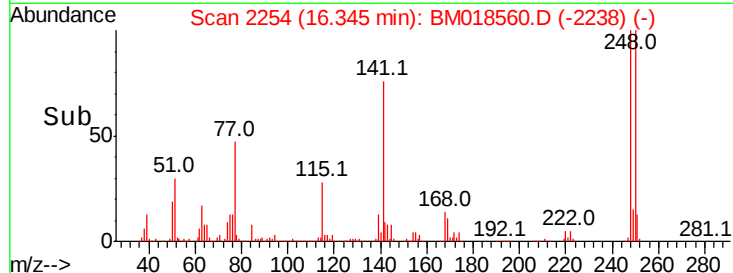
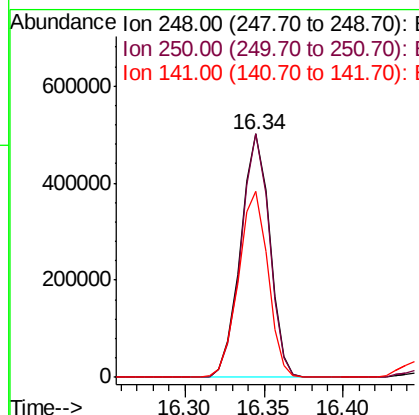
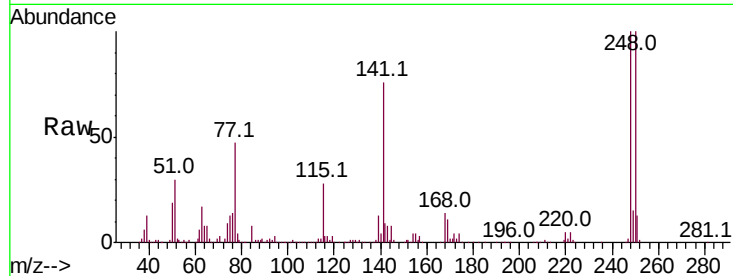




#67
 4-Bromophenyl-phenylether
 Concen: 33.586 ng
 RT: 16.34 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

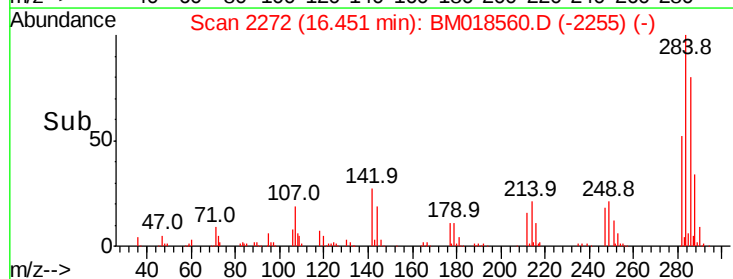
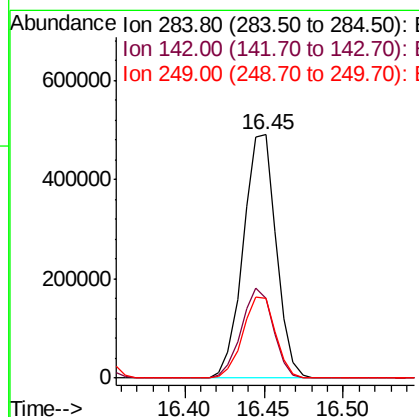
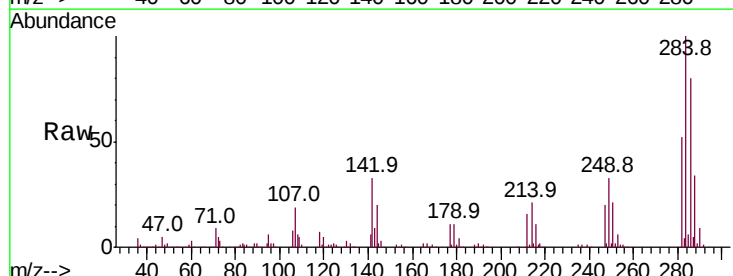
Instrument :
 BNA_M
 ClientSampleId :

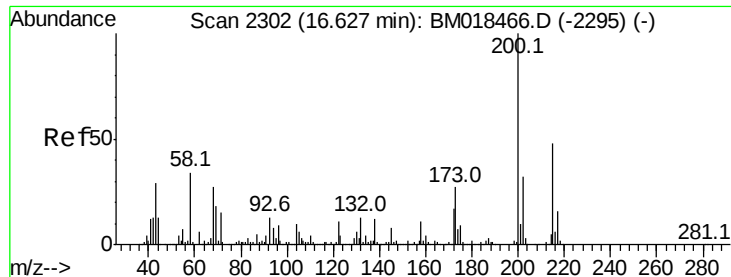
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.0	114.0
141	76.3	61.5	92.3



#68
 Hexachlorobenzene
 Concen: 33.107 ng
 RT: 16.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	29.2	43.8
249	32.7	26.1	39.1

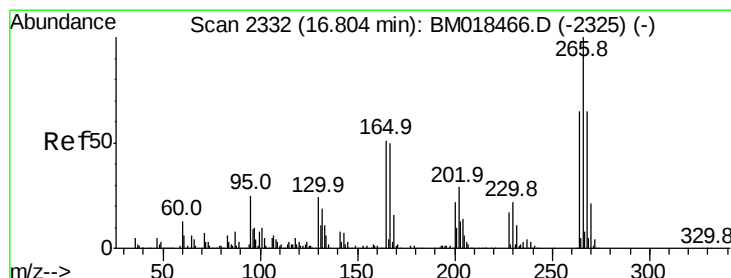
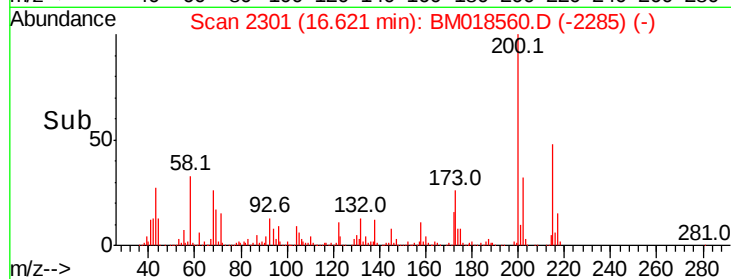
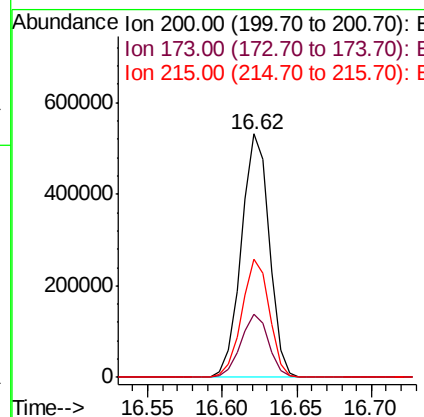
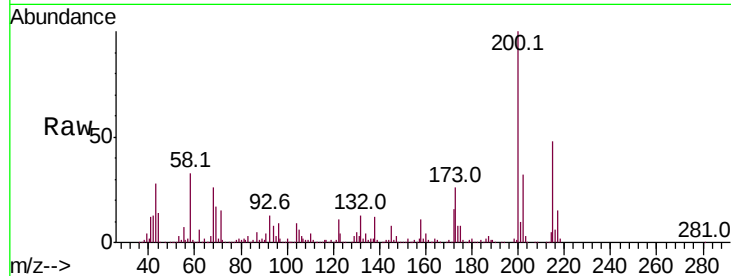




#69
 Atrazine
 Concen: 36.390 ng
 RT: 16.62 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

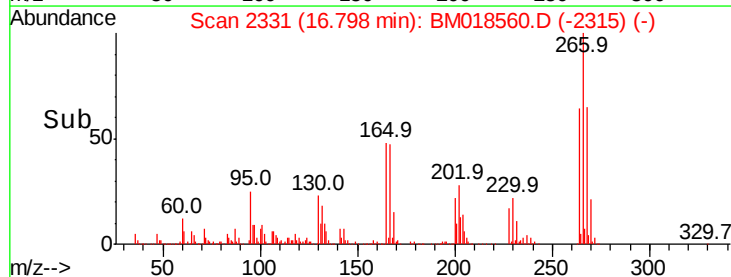
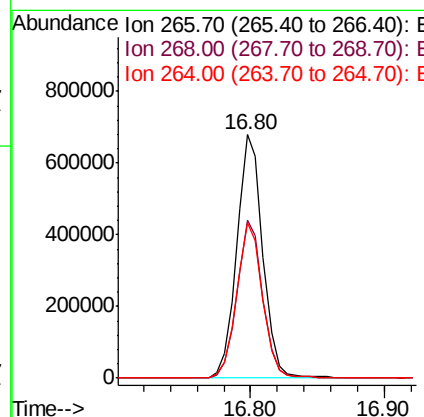
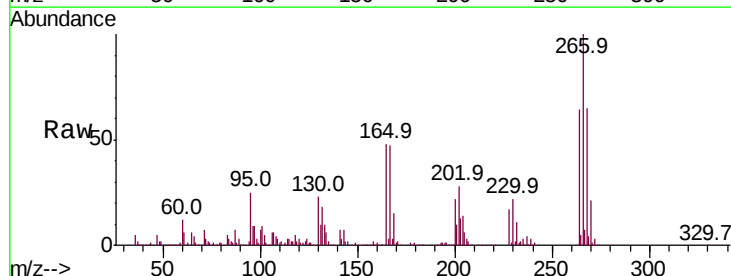
Instrument :
 BNA_M
 ClientSampleId :

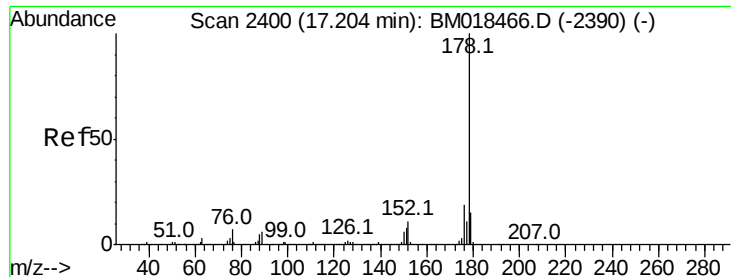
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.2	47.2
215	48.4	28.3	68.3



#70
 Pentachlorophenol
 Concen: 66.039 ng
 RT: 16.80 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.8	74.6
264	63.8	50.1	75.1





#71

Phenanthrene

Concen: 36.413 ng

RT: 17.20 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

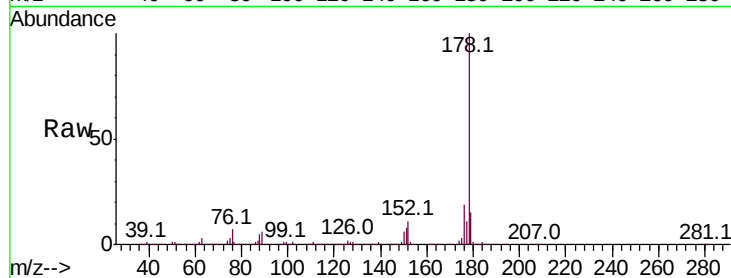
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3297977

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

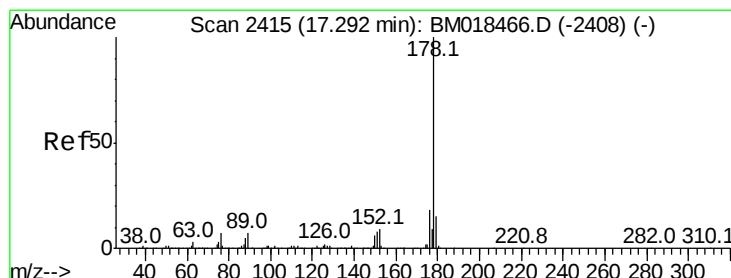
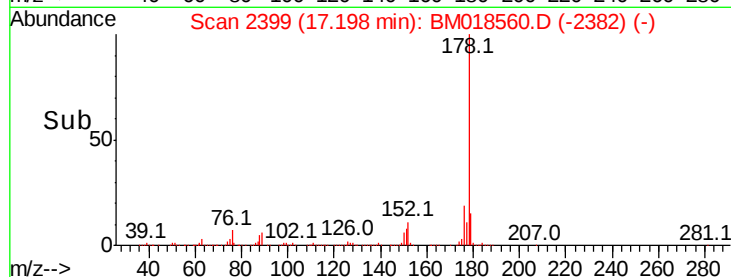
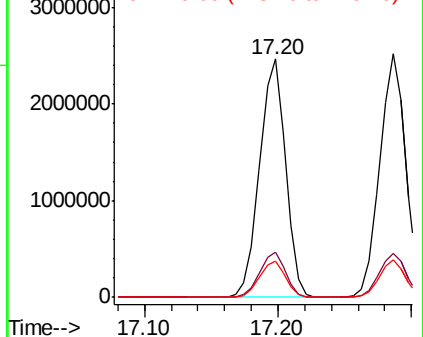


Abundance

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: 38.712 ng

RT: 17.29 min Scan# 2414

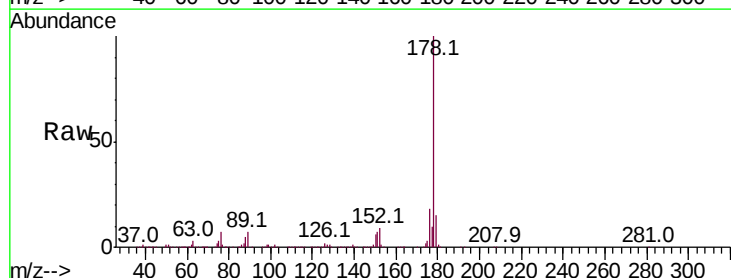
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:178 Resp: 3371647

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.3	12.2	18.4

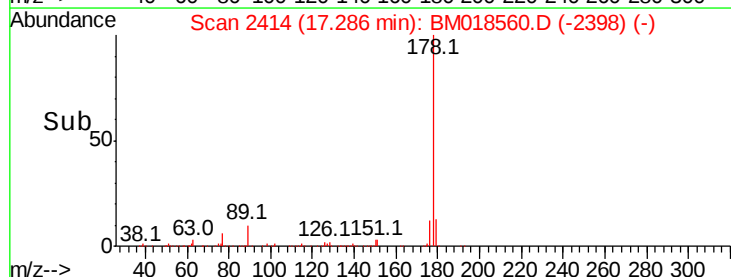
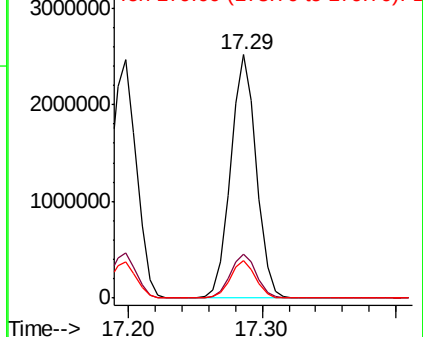


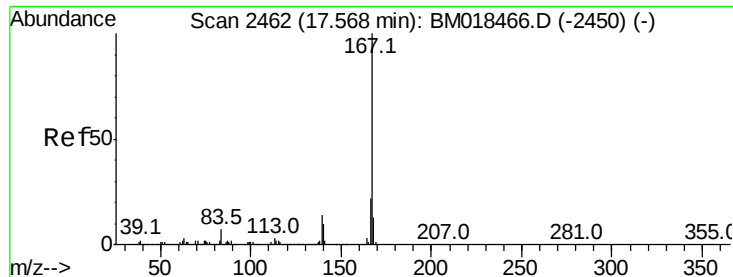
Abundance

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



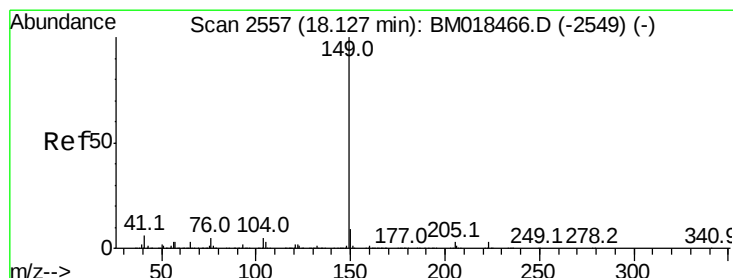
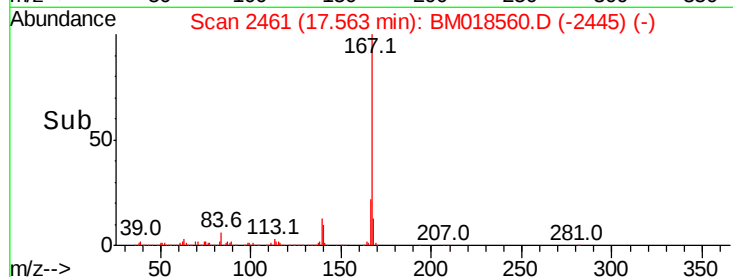
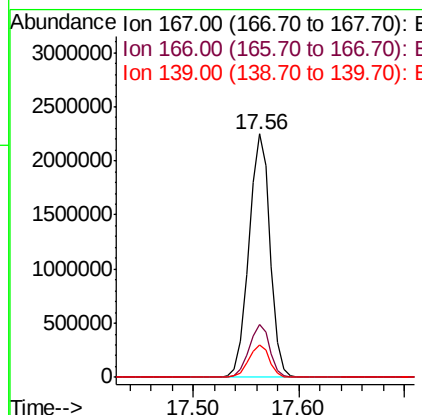
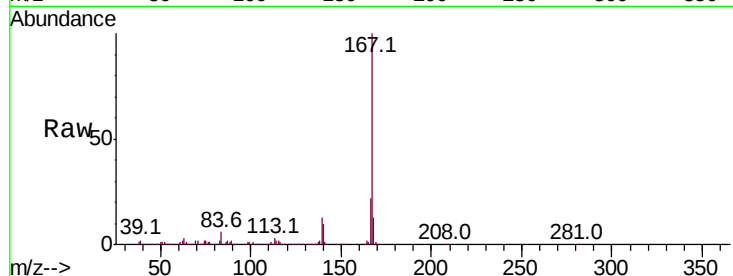


#73
 Carbazole
 Concen: 34.892 ng
 RT: 17.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3122206

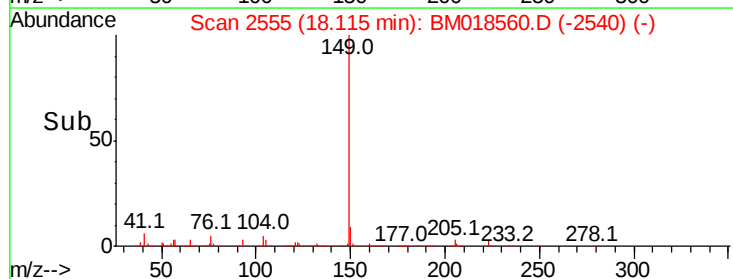
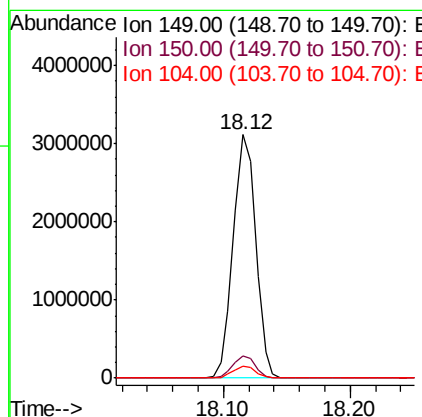
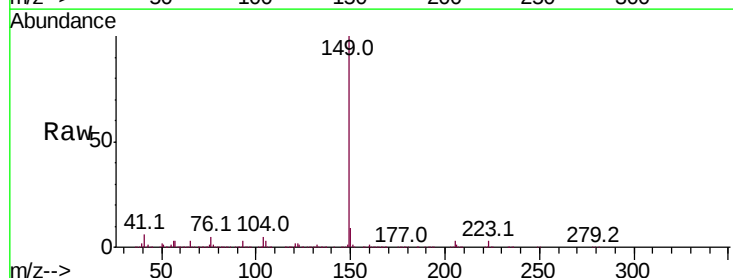
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.1	10.6	16.0

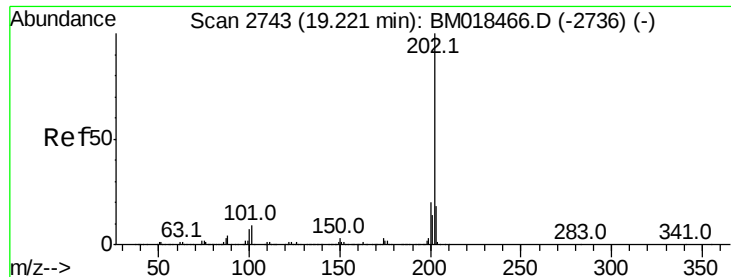


#74
 Di-n-butylphthalate
 Concen: 39.009 ng
 RT: 18.12 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion:149 Resp: 3823430

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 38.700 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

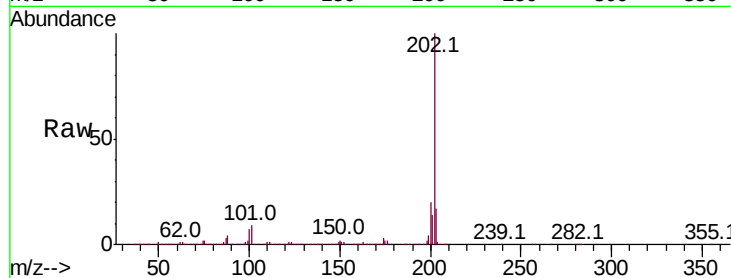
Tot Ion:202 Resp: 4041150

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.9

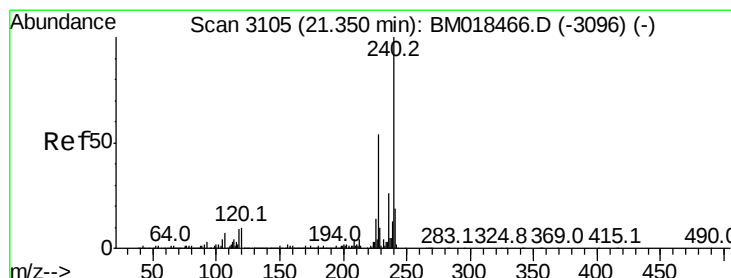
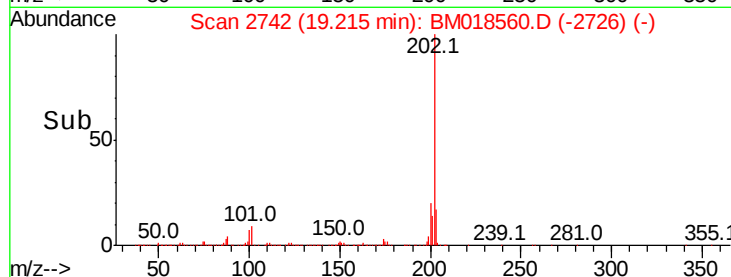
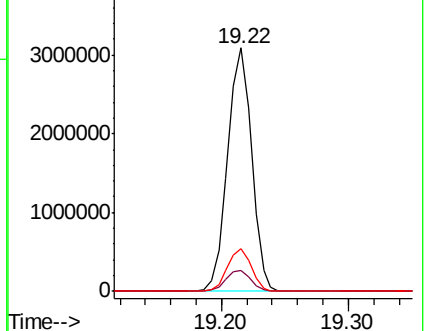
203 17.3 0.0 37.4



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: BM018560.D

Acq: 14 Jan 2019 20:23

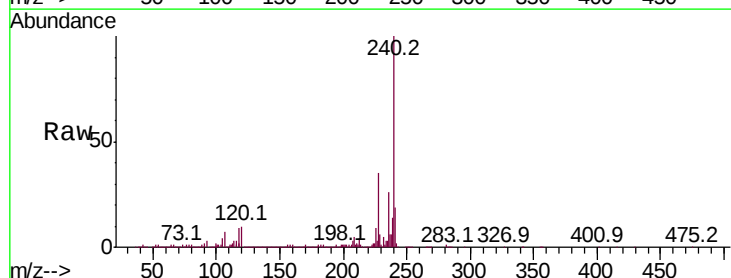
Tgt Ion:240 Resp: 1890185

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

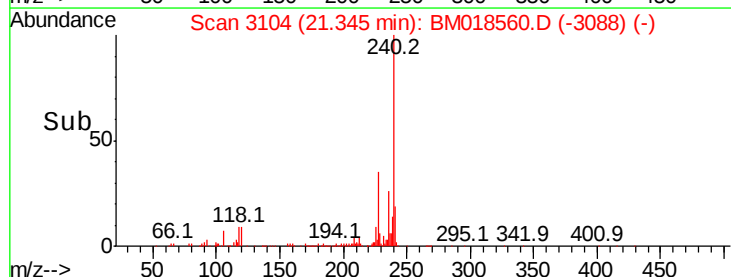
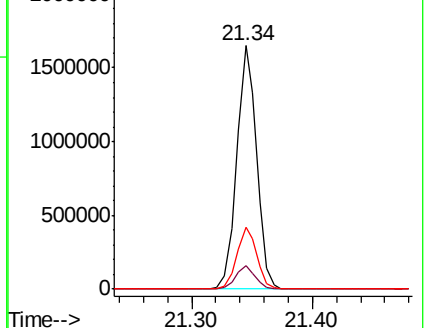
236 25.6 20.7 31.1

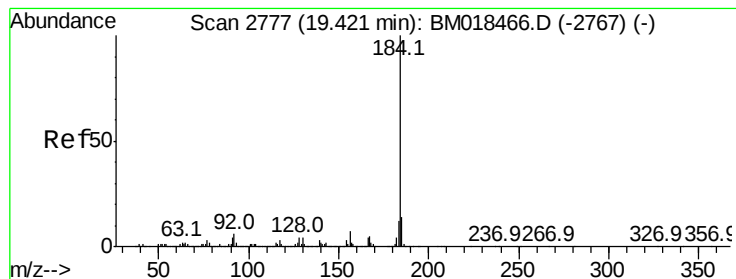


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.567 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampled :

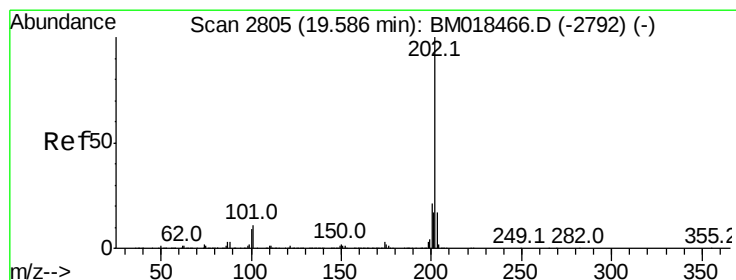
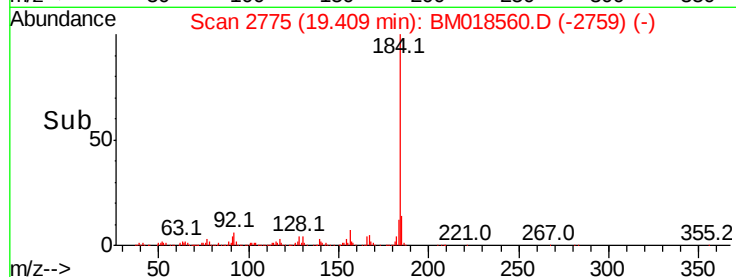
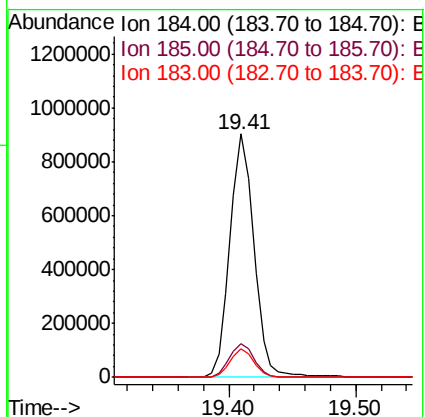
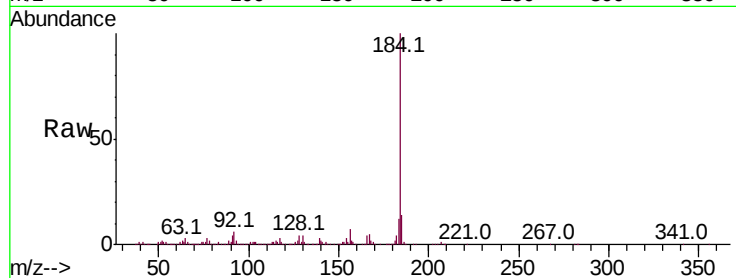
Tot Ion:184 Resp: 1193233

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.4	17.0
183	11.6	9.5	14.3

184 100

185 14.0 11.4 17.0

183 11.6 9.5 14.3



#78

Pyrene

Concen: 36.875 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

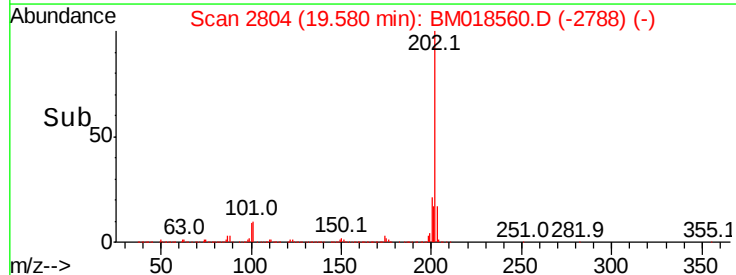
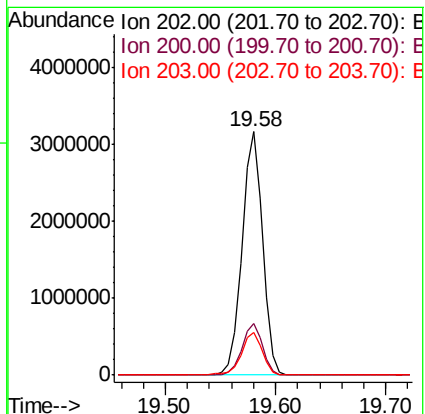
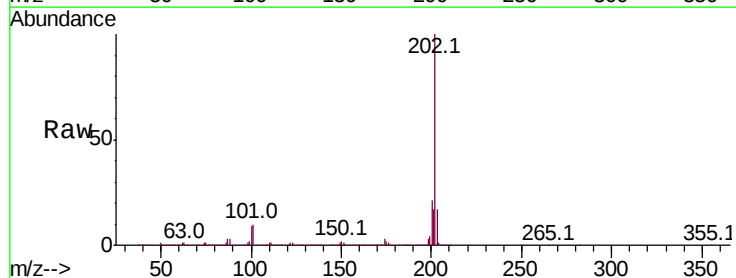
Tgt Ion:202 Resp: 4131467

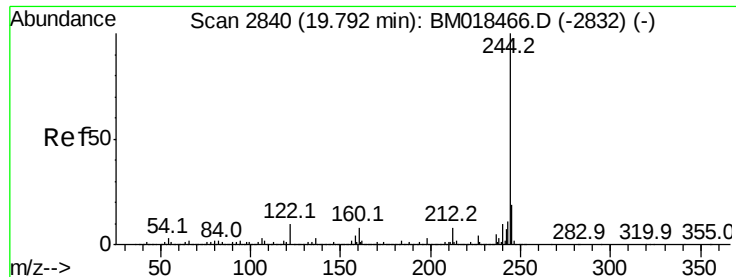
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.3	13.8	20.8

202 100

200 21.1 16.6 24.8

203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 69.459 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

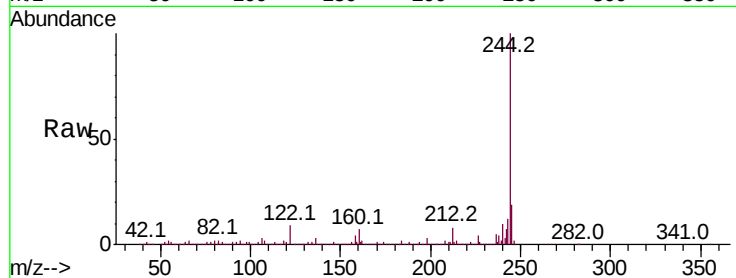
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6228057

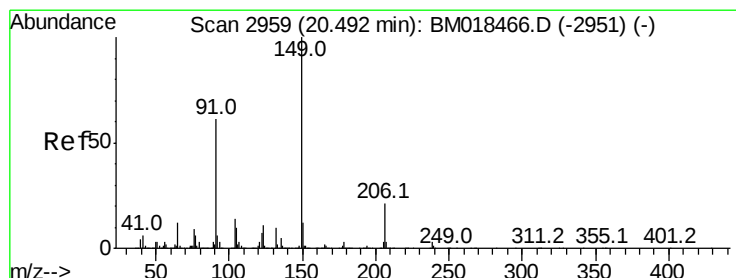
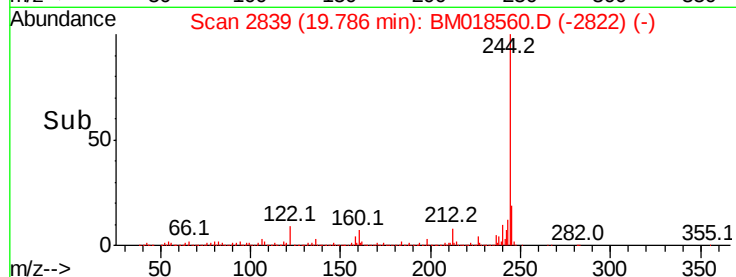
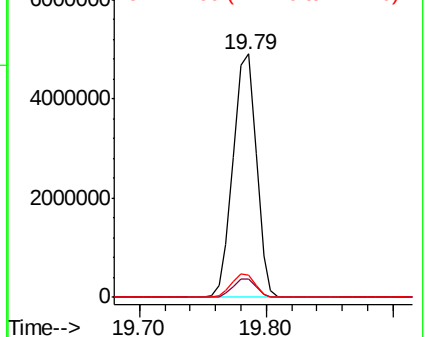
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.1	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.861 ng

RT: 20.48 min Scan# 2957

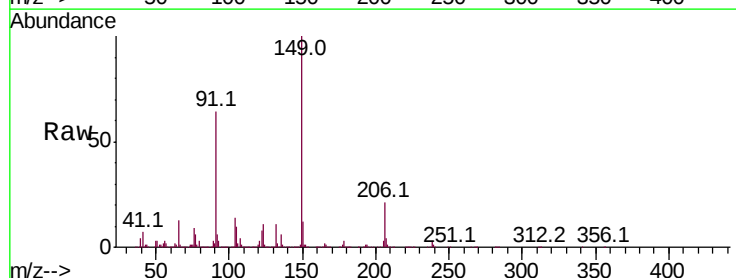
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:149 Resp: 1857911

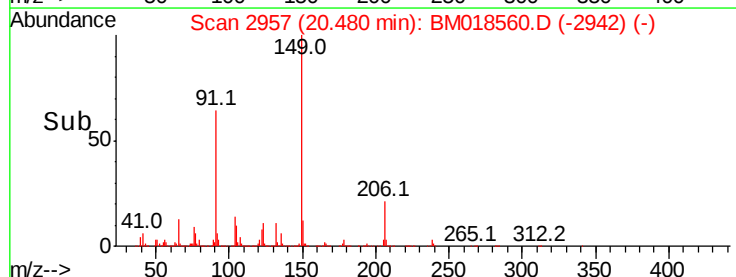
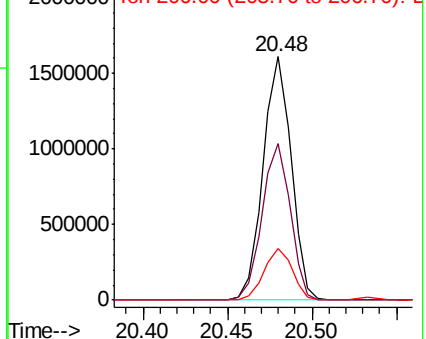
Ion	Ratio	Lower	Upper
149	100		
91	64.3	53.1	79.7
206	21.4	16.2	24.4

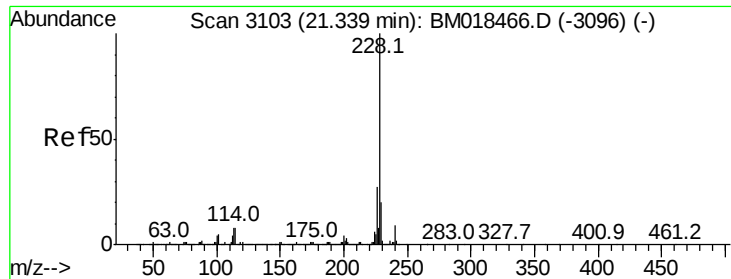


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.485 ng

RT: 21.33 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

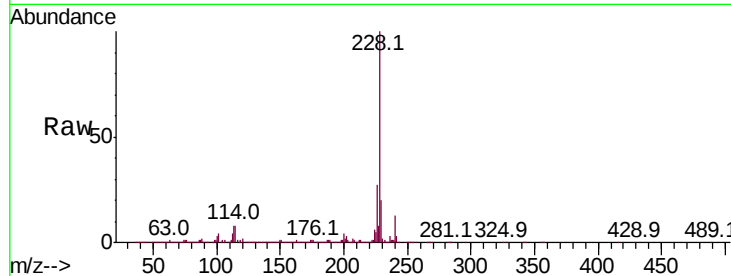
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4174057

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	19.6	15.8	23.8

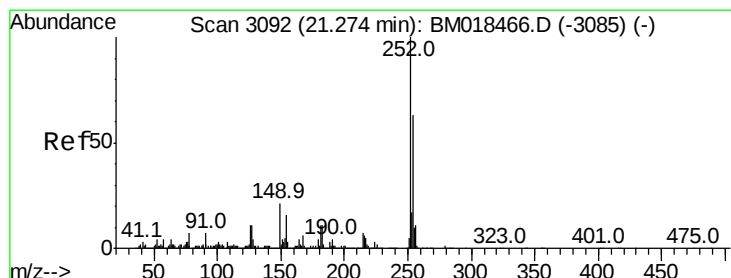
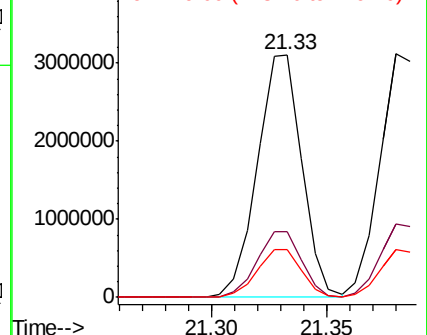
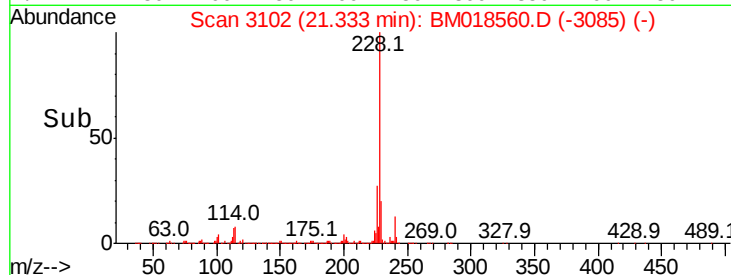


Abundance

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: 17.150 ng

RT: 21.27 min Scan# 3091

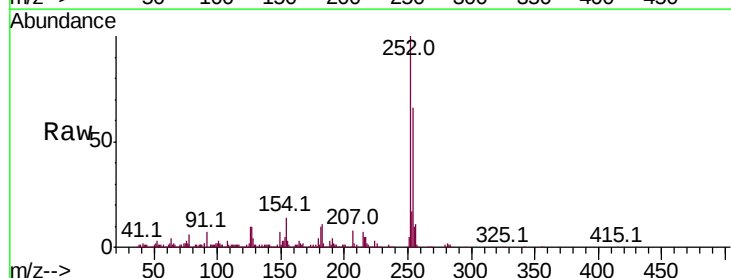
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:252 Resp: 722137

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.4	77.0
126	10.3	8.7	13.1

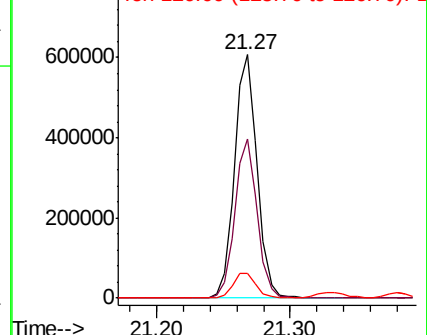
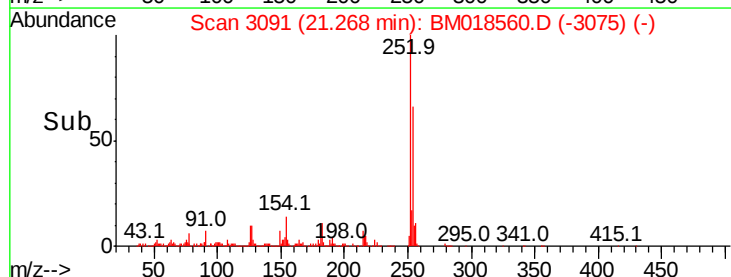


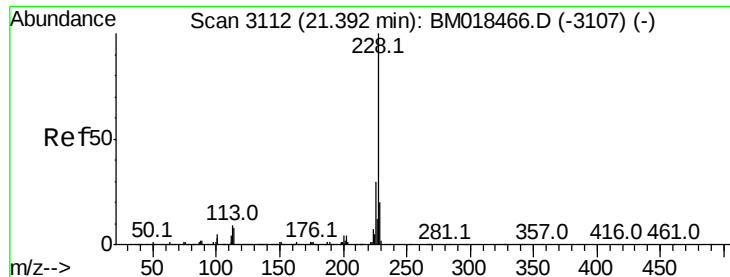
Abundance

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: 36.618 ng

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

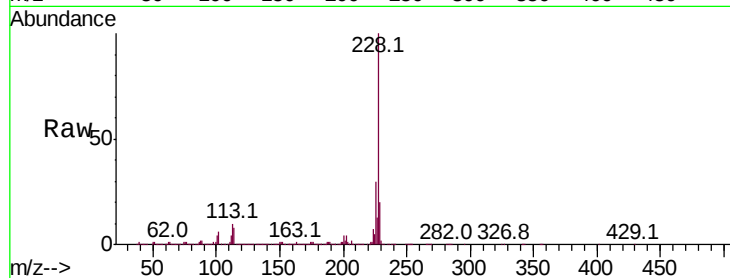
Tot Ion:228 Resp: 3937529

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

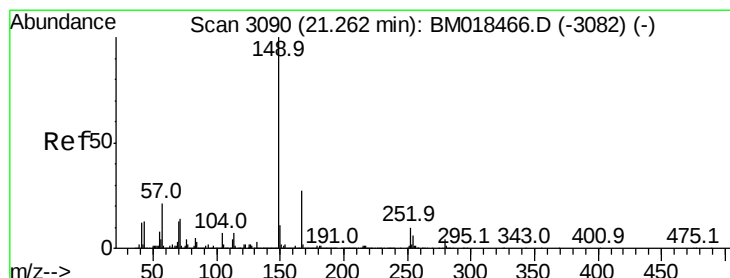
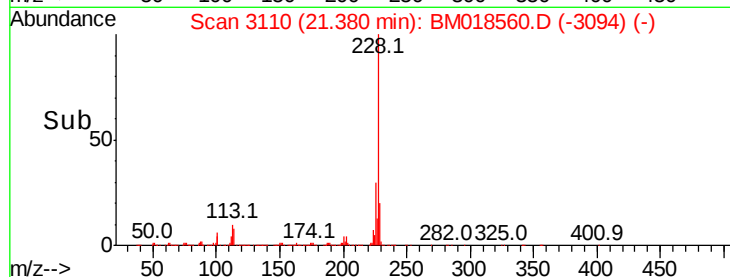
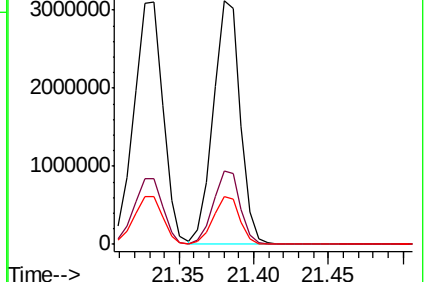
229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.441 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

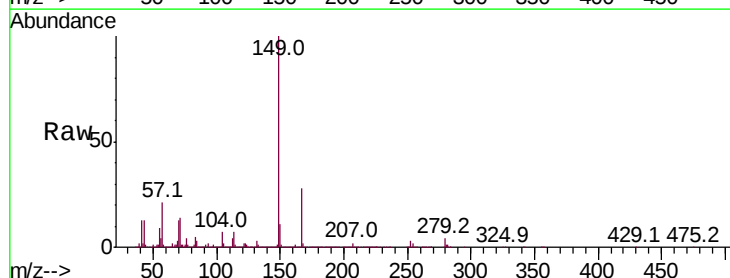
Tgt Ion:149 Resp: 2653831

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

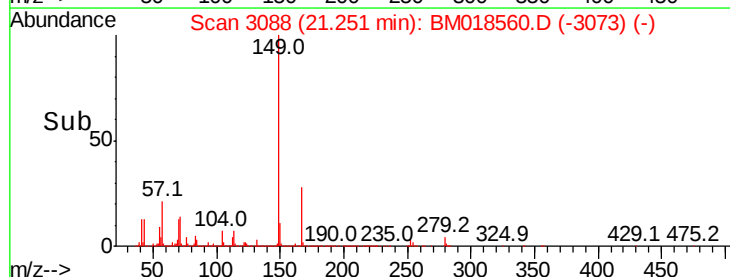
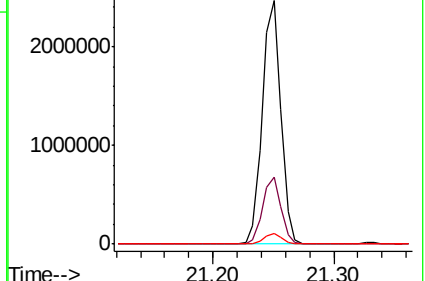
279 4.5 3.3 4.9

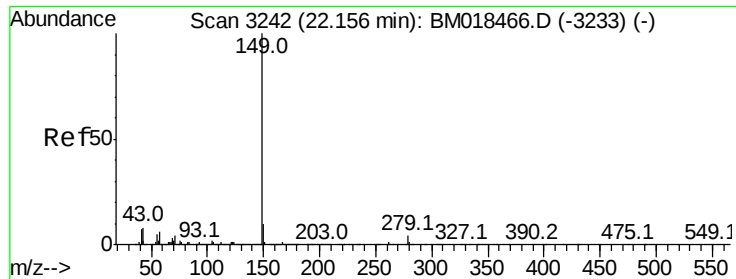


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.546 ng

RT: 22.14 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

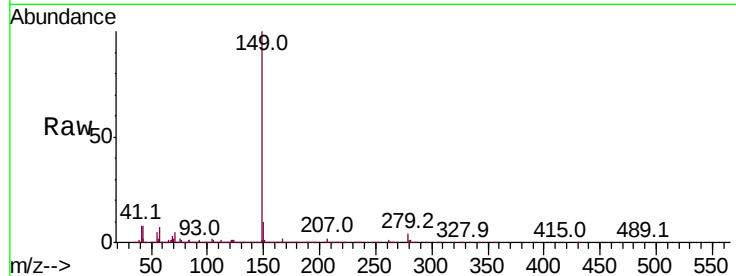
Tot Ion:149 Resp: 4707897

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

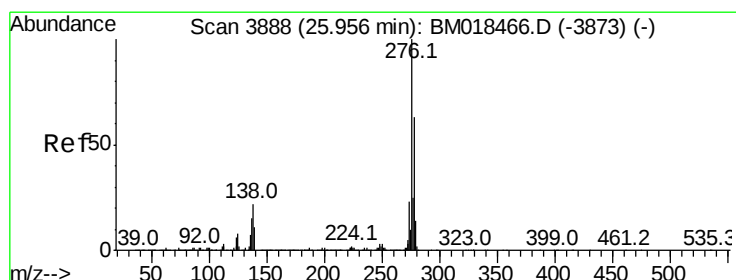
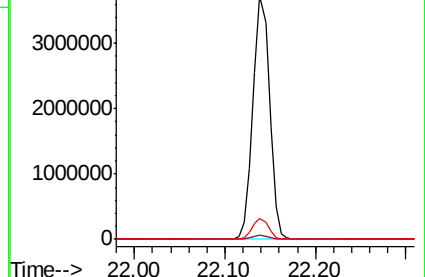
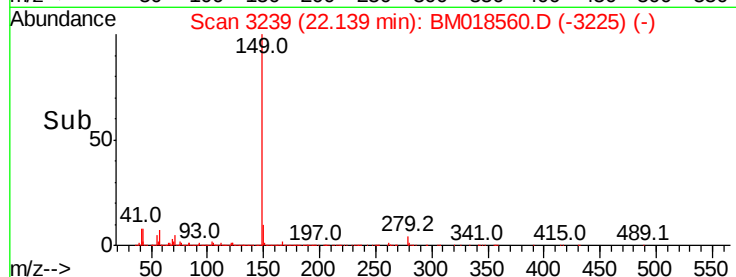
43 8.2 8.6 12.8#



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.385 ng

RT: 25.95 min Scan# 3887

Delta R.T. 0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

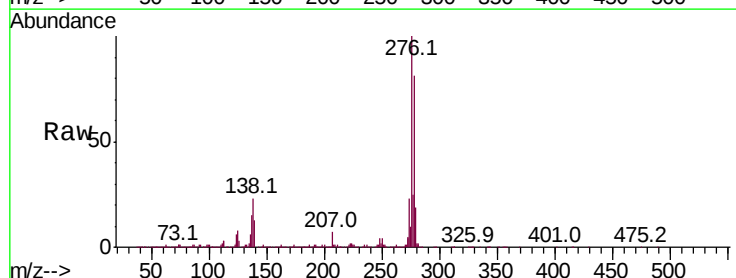
Tgt Ion:276 Resp: 4883491

Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

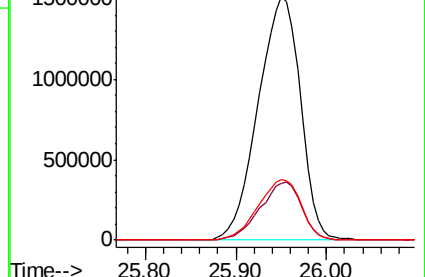
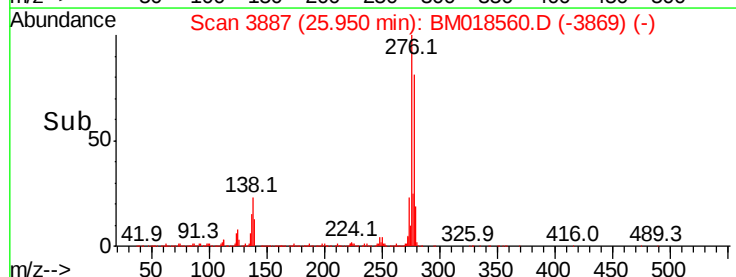
277 25.2 20.2 30.2

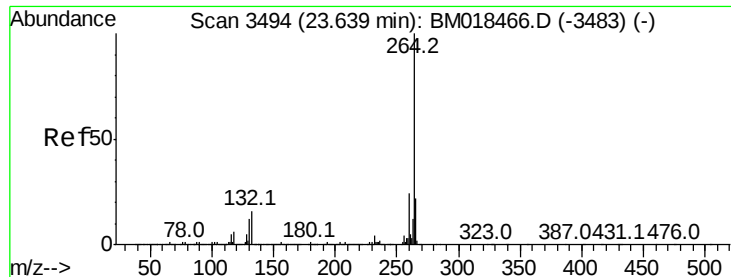


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

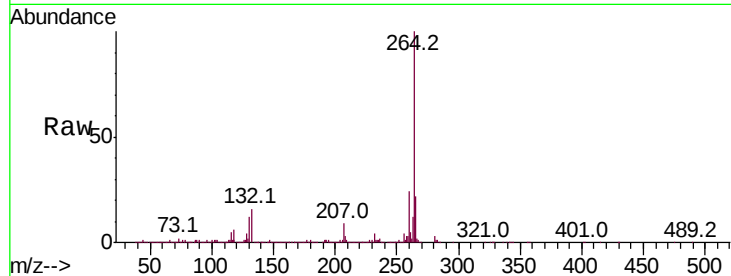




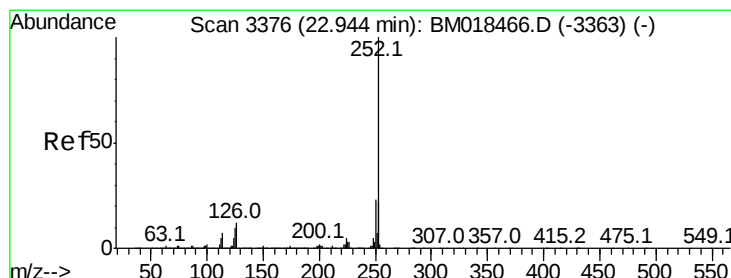
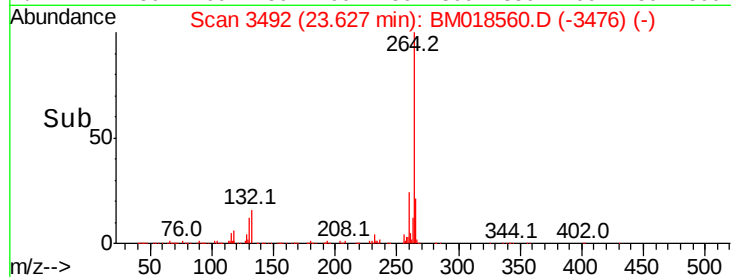
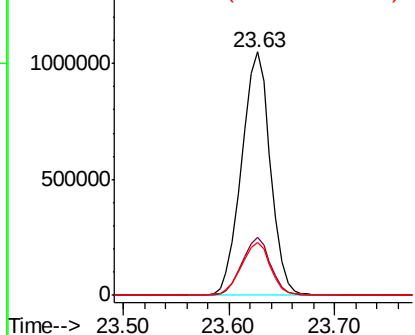
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.63 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:264 Resp: 1986220
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.7 16.8 25.2

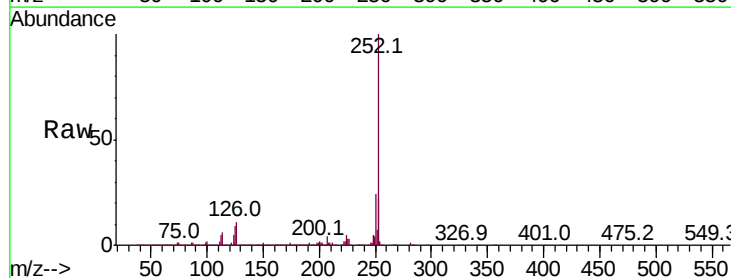


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

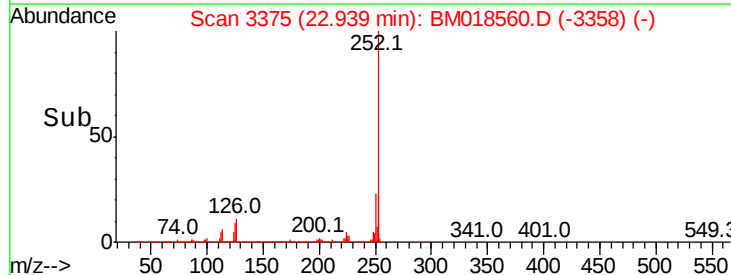
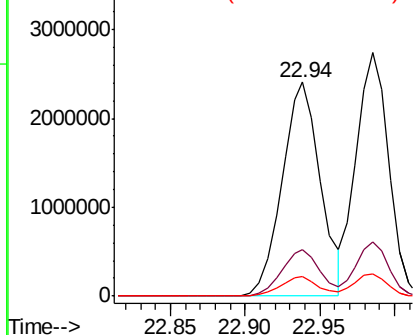


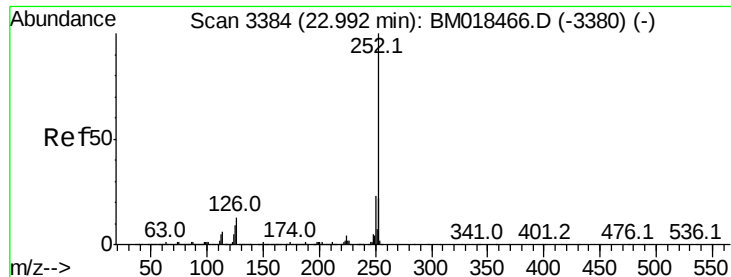
#88
 Benzo(b)fluoranthene
 Concen: 38.243 ng
 RT: 22.94 min Scan# 3375
 Delta R.T. 0.00 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion:252 Resp: 4312306
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 9.1 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: 36.293 ng

RT: 22.99 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

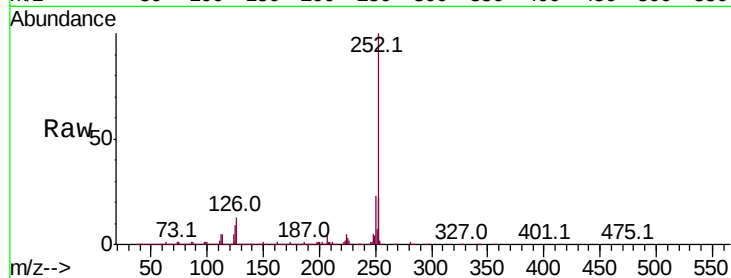
Tot Ion:252 Resp: 4124329

Ion Ratio Lower Upper

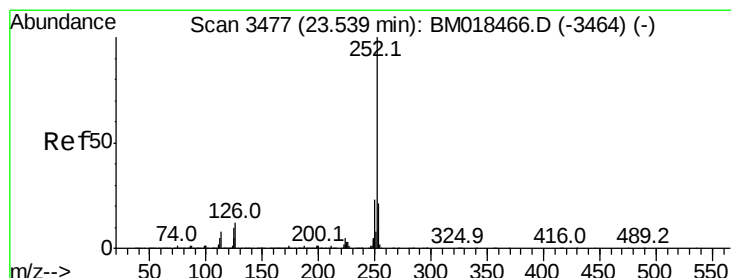
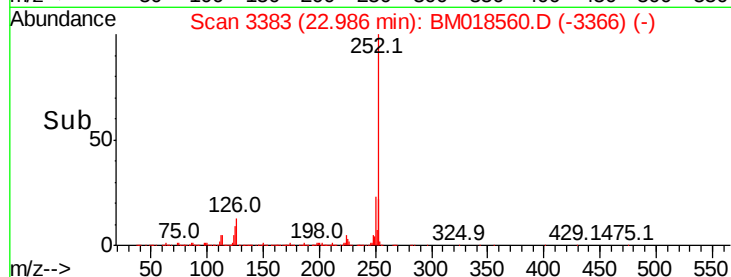
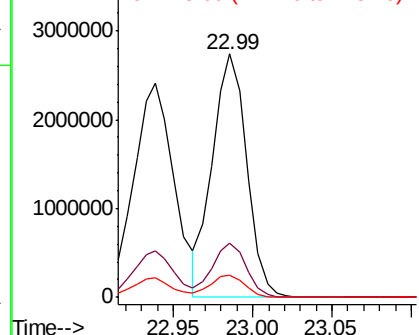
252 100

253 22.1 17.4 26.0

125 9.0 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: 38.542 ng

RT: 23.53 min Scan# 3476

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

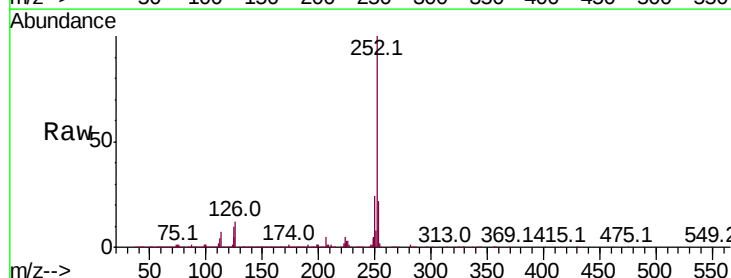
Tgt Ion:252 Resp: 4160761

Ion Ratio Lower Upper

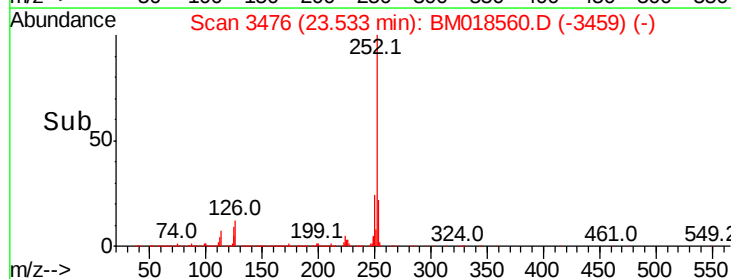
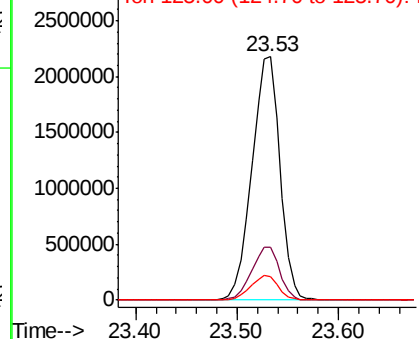
252 100

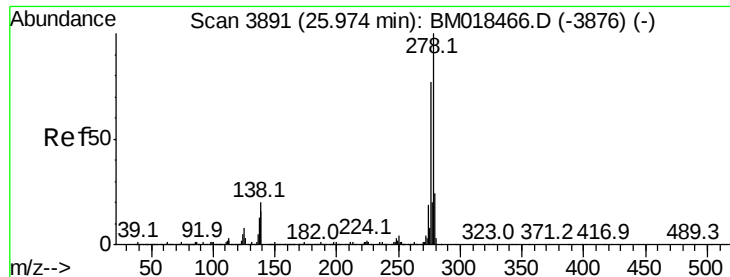
253 21.7 17.5 26.3

125 9.5 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: 37.518 ng

RT: 25.96 min Scan# 3889

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampled :

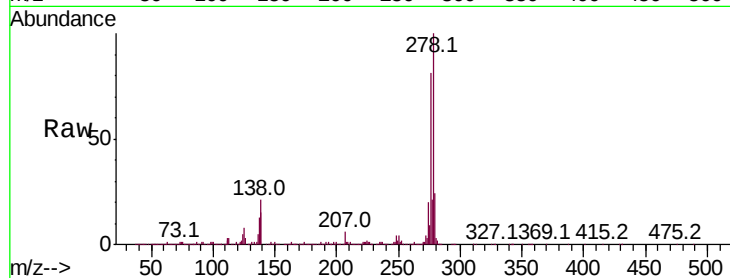
Tot Ion:278 Resp: 4103887

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	23.7	19.0	28.4

278 100

139 15.1 13.2 19.8

279 23.7 19.0 28.4

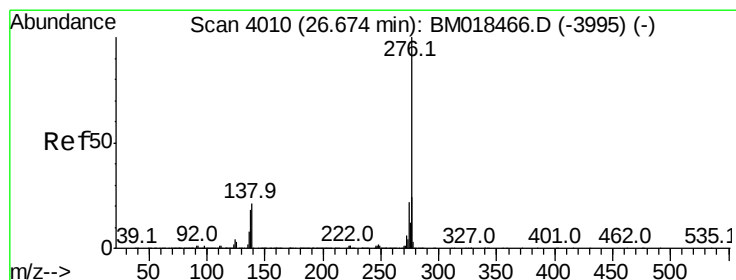
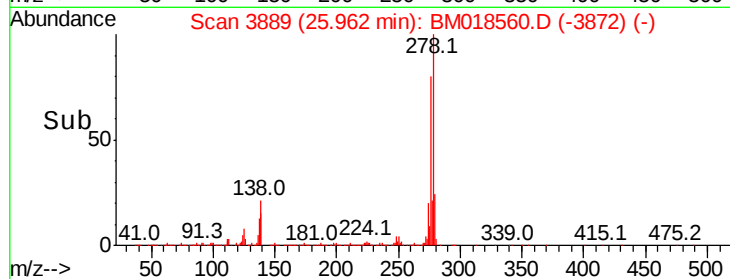
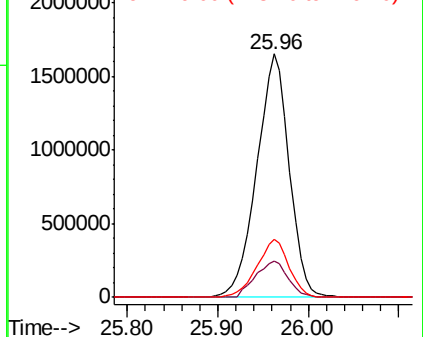


Abundance

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: 37.249 ng

RT: 26.66 min Scan# 4008

Delta R.T. 0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

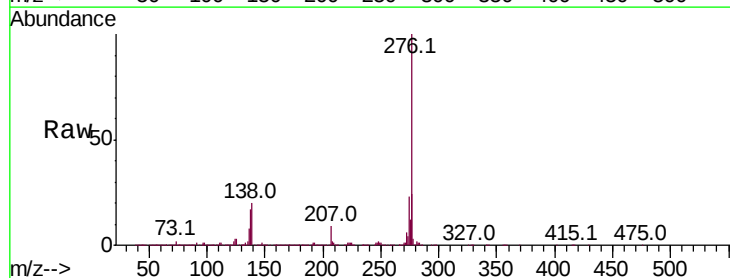
Tgt Ion:276 Resp: 3964920

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	20.1	18.1	27.1

276 100

277 24.1 19.0 28.4

138 20.1 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

