

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016538.D
 Acq On : 23 Aug 2018 03:00
 Operator : SJ/JU
 Sample : PB112247BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 04:06:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	319048	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	1207331	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	1009908	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	3236379	20.00	ng	0.00
75) Chrysene-d12	21.54	240	4080457	20.00	ng	0.00
86) Perylene-d12	23.83	264	3842750	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1122752	68.96	ng	0.00
7) Phenol-d6	7.20	99	1379093	64.01	ng	0.00
23) Nitrobenzene-d5	9.20	82	1223638	46.28	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	2267337	80.31	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	5146960	48.99	ng	0.00
78) Terphenyl-d14	19.99	244	10276226	53.30	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	142918	15.889	ng	# 100
3) Pyridine	3.80	79	283289	15.138	ng	# 80
4) n-Nitrosodimethylamine	3.73	42	182737	21.918	ng	# 69
6) Aniline	7.35	93	322158	13.363	ng	# 91
8) 2-Chlorophenol	7.58	128	397072	20.496	ng	# 95
9) Benzaldehyde	7.16	77	255616	17.096	ng	# 76
10) Phenol	7.22	94	422916	19.849	ng	# 89
11) bis(2-Chloroethyl)ether	7.45	93	275409	17.237	ng	# 100
12) 1,3-Dichlorobenzene	7.90	146	465292	18.115	ng	# 84
13) 1,4-Dichlorobenzene	8.05	146	482383	18.300	ng	# 96
14) 1,2-Dichlorobenzene	8.36	146	482854	18.645	ng	# 95
15) Benzyl Alcohol	8.27	79	362745	18.130	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.53	45	188400	17.125	ng	# 44
17) 2-Methylphenol	8.47	107	303019	19.639	ng	# 75
18) Hexachloroethane	9.07	117	247469	20.378	ng	# 40
19) n-Nitroso-di-n-propylamine	8.83	70	303225	17.951	ng	# 85
20) 3+4-Methylphenols	8.81	107	415557	19.479	ng	# 76
22) Acetophenone	8.86	105	601153	20.678	ng	# 97
24) Nitrobenzene	9.25	77	542072	20.518	ng	# 93
25) Isophorone	9.76	82	855251	24.200	ng	# 93
26) 2-Nitrophenol	9.95	139	236752	20.961	ng	# 44
27) 2,4-Dimethylphenol	10.00	122	361445	24.556	ng	# 72
28) bis(2-Chloroethoxy)methane	10.24	93	458631	21.740	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	564850	25.641	ng	# 88
30) 1,2,4-Trichlorobenzene	10.69	180	851540	25.475	ng	# 93
31) Naphthalene	10.87	128	1277250	22.204	ng	# 99
32) Benzoic acid	10.23	122	223850	18.176	ng	# 72
33) 4-Chloroaniline	11.01	127	163226	6.743	ng	# 88
34) Hexachlorobutadiene	11.12	225	852925	26.734	ng	# 98
35) Caprolactam	11.83	113	86469	16.358	ng	# 57
36) 4-Chloro-3-methylphenol	12.13	107	458117	21.631	ng	# 90
37) 2-Methylnaphthalene	12.48	142	1136829	25.245	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1322521	23.187	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	1611073	66.633	ng	# 98

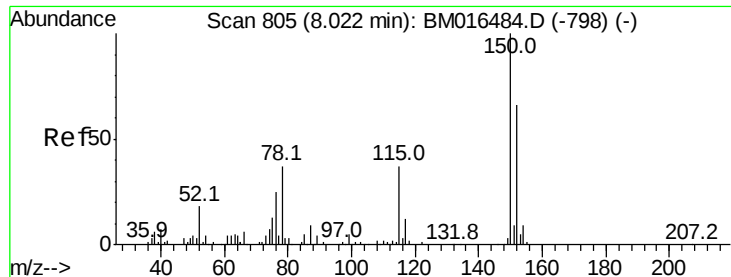
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	805007	23.602	nq	99
43) 2,4,5-Trichlorophenol	13.10	196	709367	21.292	nq	97
45) 1,1'-Biphenyl	13.49	154	1690470	19.090	nq	98
46) 2-Chloronaphthalene	13.54	162	1422934	19.778	nq	100
47) 2-Nitroaniline	13.77	65	329235	17.181	nq	86
48) Acenaphthylene	14.39	152	2091796	20.598	nq	97
49) Dimethylphthalate	14.12	163	1990751	20.518	nq #	97
50) 2,6-Dinitrotoluene	14.26	165	392305	20.730	nq #	81
51) Acenaphthene	14.72	154	1238479	19.851	nq	98
52) 3-Nitroaniline	14.60	138	141653	8.226	nq #	76
53) 2,4-Dinitrophenol	14.83	184	350172	36.975	nq #	67
54) Dibenzofuran	15.06	168	2641817	22.119	nq	94
55) 4-Nitrophenol	14.92	139	399491	36.374	nq #	78
56) 2,4-Dinitrotoluene	15.06	165	657599	20.838	nq #	86
57) Fluorene	15.70	166	2120106	23.498	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	778264	24.304	nq #	100
59) Diethylphthalate	15.47	149	1923291	19.011	nq	94
60) 4-Chlorophenyl-phenylether	15.69	204	1720023	22.733	nq #	85
61) 4-Nitroaniline	15.77	138	255921	15.207	nq #	1
62) Azobenzene	15.99	77	2080651	19.309	nq	89
64) 4,6-Dinitro-2-methylphenol	15.83	198	381038	15.495	nq #	57
65) n-Nitrosodiphenylamine	15.92	169	1790230	19.663	nq	96
66) 4-Bromophenyl-phenylether	16.59	248	1053748	21.190	nq	97
67) Hexachlorobenzene	16.70	284	1209813	20.862	nq	96
68) Atrazine	16.86	200	978490	23.549	nq	92
69) Pentachlorophenol	17.06	266	1077221	35.107	nq	99
70) Phenanthrene	17.44	178	3612571	21.597	nq	100
71) Anthracene	17.53	178	3722222	22.409	nq	98
72) Carbazole	17.81	167	2589924	17.350	nq	97
73) Di-n-butylphthalate	18.33	149	3216730	17.676	nq #	97
74) Fluoranthene	19.44	202	5156338	21.024	nq	94
76) Benzidine	19.63	184	2104980	26.825	nq	98
77) Pyrene	19.80	202	5200593	23.452	nq	99
79) Butylbenzylphthalate	20.67	149	1455552	19.016	nq #	79
80) Benzo(a)anthracene	21.53	228	5450533	22.720	nq	98
81) 3,3'-Dichlorobenzidine	21.46	252	1041909	9.757	nq #	97
82) Chrysene	21.58	228	4774029	20.857	nq	100
83) Bis(2-ethylhexyl)phthalate	21.42	149	2108966	18.533	nq #	98
84) Di-n-octyl phthalate	22.30	149	3414211	18.055	nq #	92
85) Indeno(1,2,3-cd)pyrene	26.15	276	6033050	18.328	nq #	92
87) Benzo(b)fluoranthene	23.14	252	5309661	23.970	nq #	91
88) Benzo(k)fluoranthene	23.19	252	5089241	22.580	nq #	93
89) Benzo(a)pyrene	23.73	252	4953335	22.981	nq #	95
90) Dibenzo(a,h)anthracene	26.15	278	5052181	20.915	nq #	87
91) Benzo(g,h,i)perylene	26.86	276	4535068	20.915	nq #	80

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

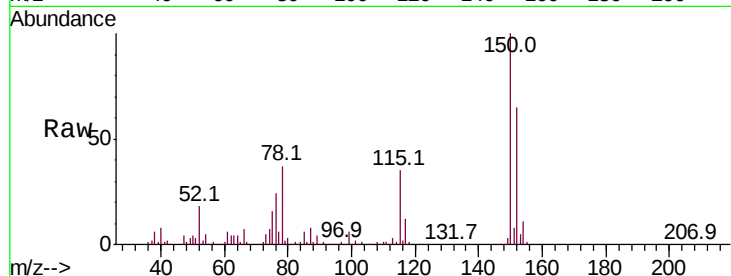


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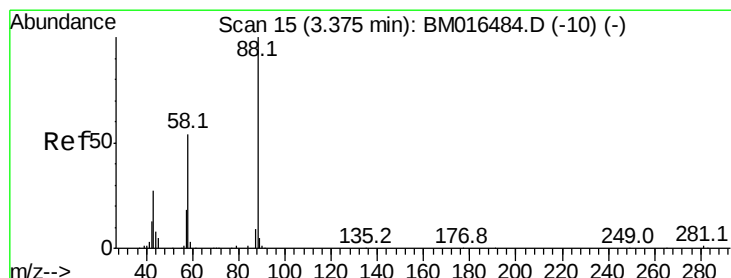
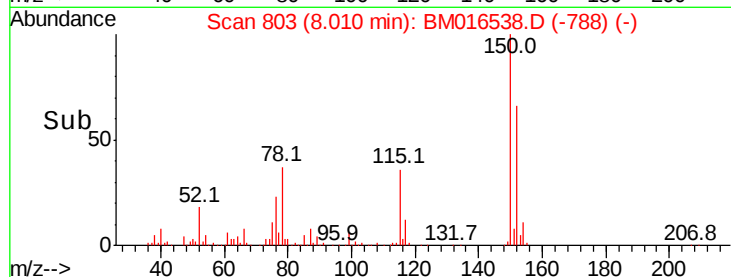
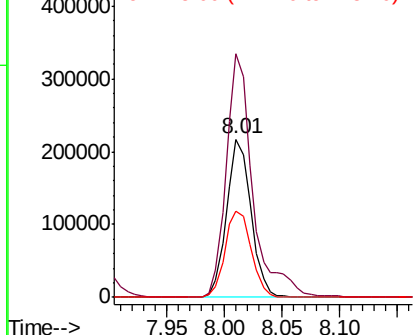
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 319048
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 54.5 43.0 64.4



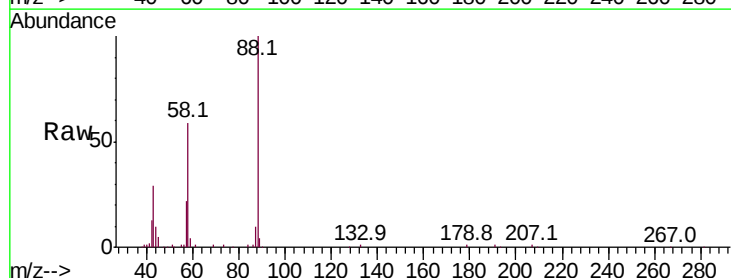
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



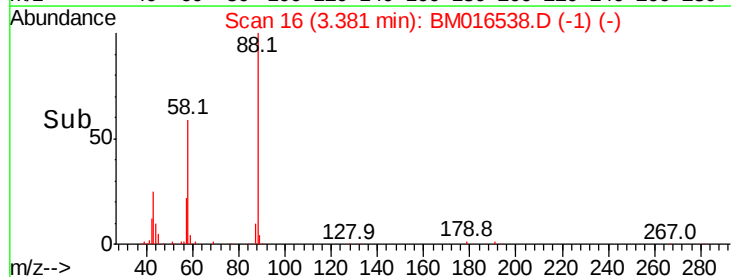
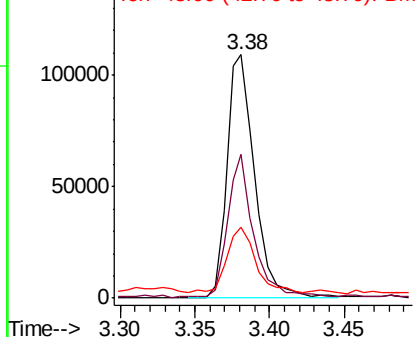
#2

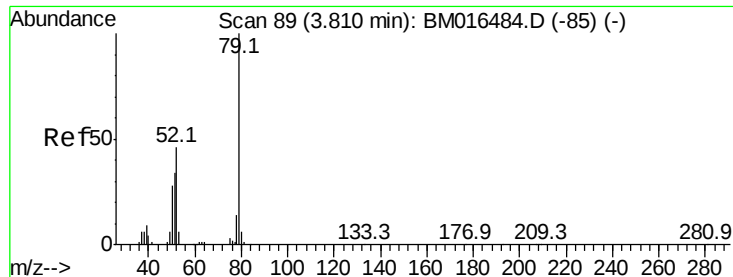
1,4-Dioxane
Concen: 15.889 ng
RT: 3.38 min Scan# 16
Delta R.T. 0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion: 88 Resp: 142918
Ion Ratio Lower Upper
88 100
58 53.2 0.0 0.0#
43 26.8 0.0 0.0#



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: 15.138 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

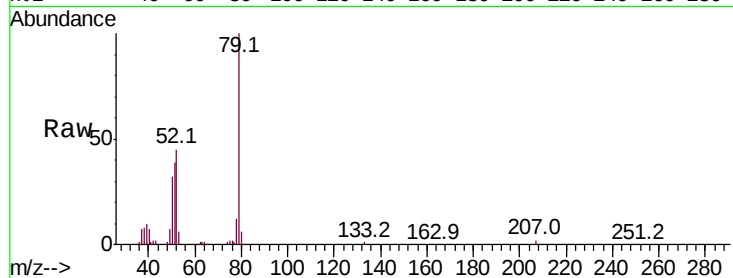
Tot Ion: 79 Resp: 283289

Ion Ratio Lower Upper

79 100

52 45.3 51.1 76.7#

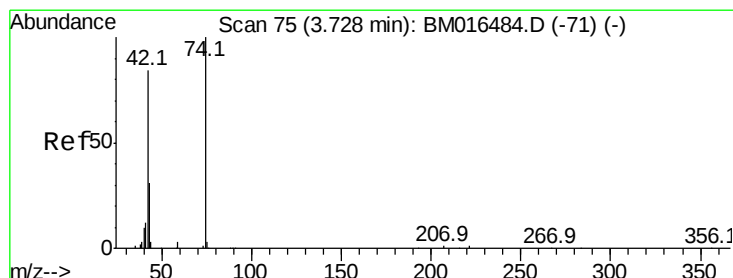
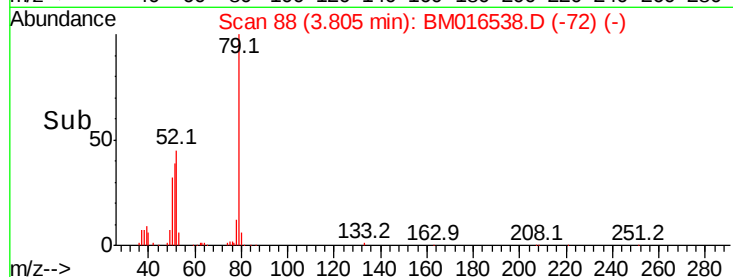
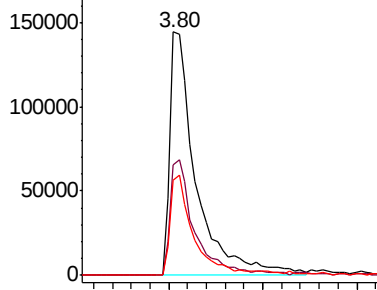
51 39.3 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016484.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016484.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 21.918 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

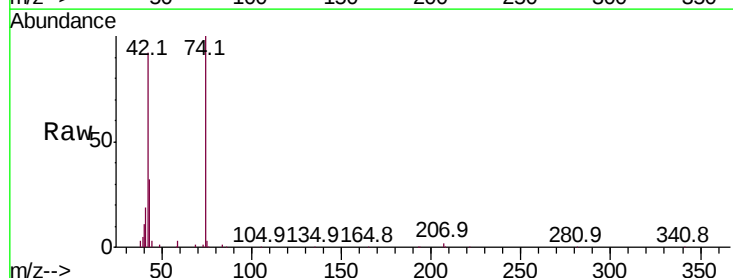
Tgt Ion: 42 Resp: 182737

Ion Ratio Lower Upper

42 100

74 108.2 119.3 178.9#

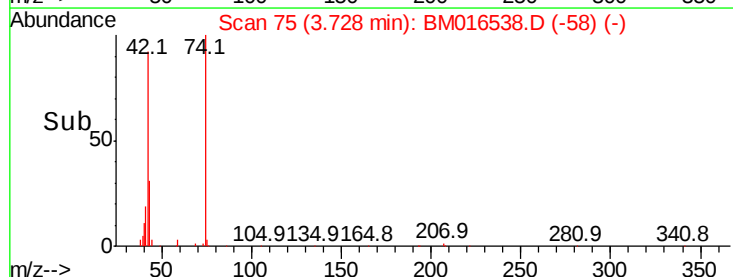
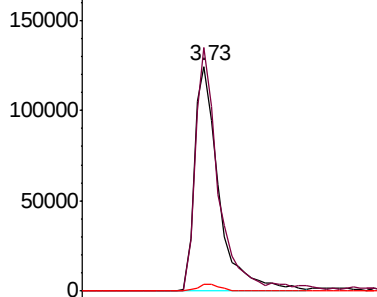
44 2.9 5.4 8.2#

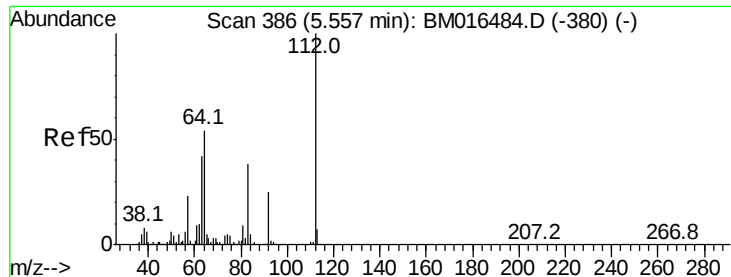


Abundance Ion 42.00 (41.70 to 42.70): BM016484.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016484.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016484.D (-71) (-)





#5

2-Fluorophenol

Concen: 21.918 ng

RT: 5.56 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

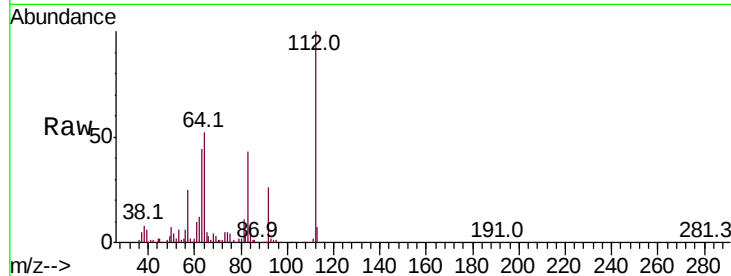
Tot Ion:112 Resp: 1122752

Ion Ratio Lower Upper

112 100

64 52.0 38.6 57.8

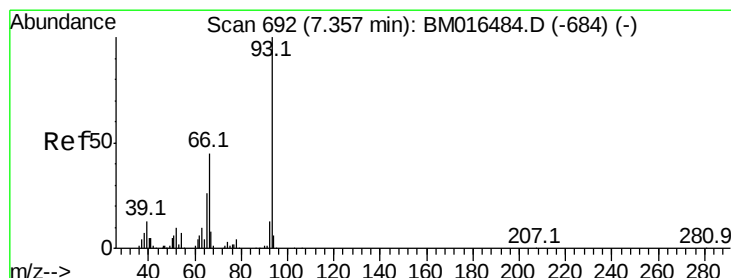
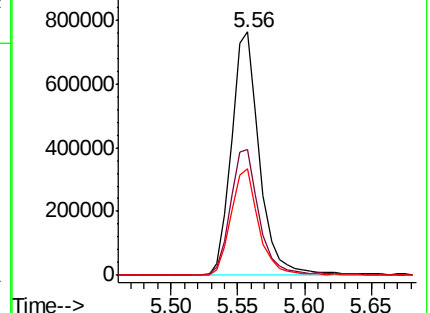
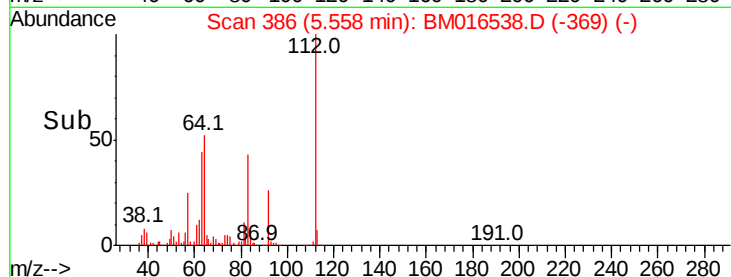
63 43.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 13.363 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

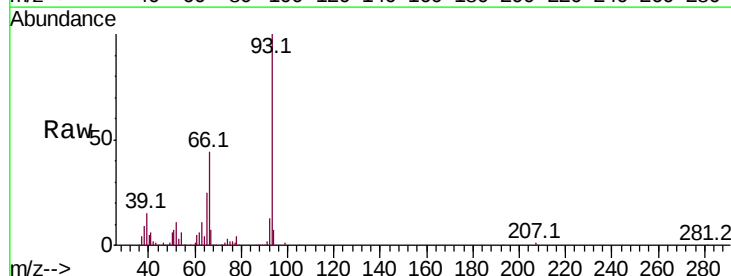
Tgt Ion: 93 Resp: 322158

Ion Ratio Lower Upper

93 100

66 43.8 30.8 46.2

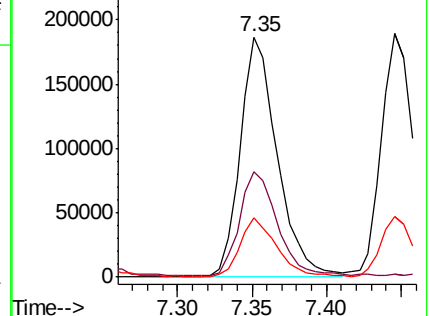
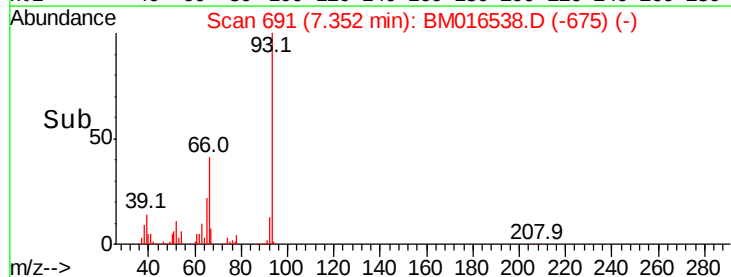
65 24.7 16.0 24.0#

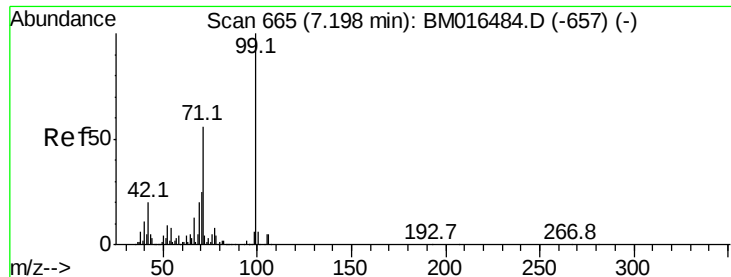


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 13.363 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampled :

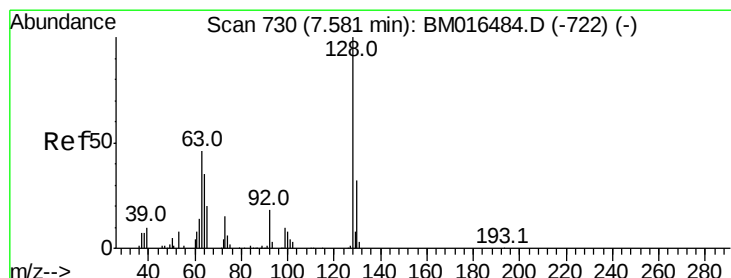
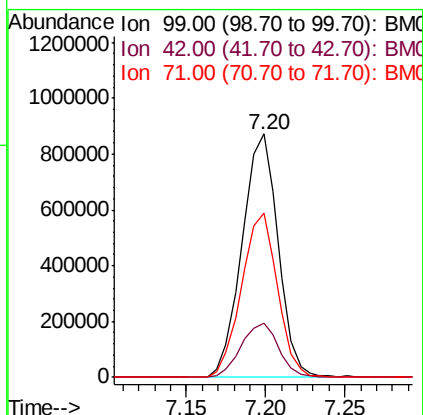
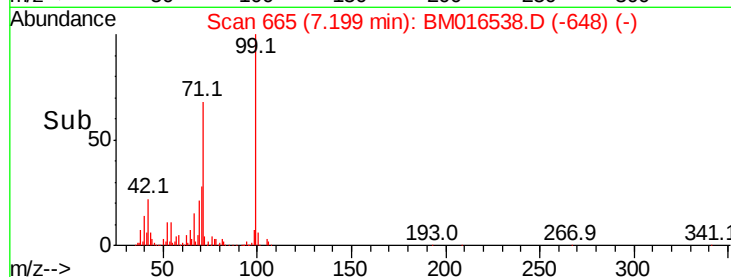
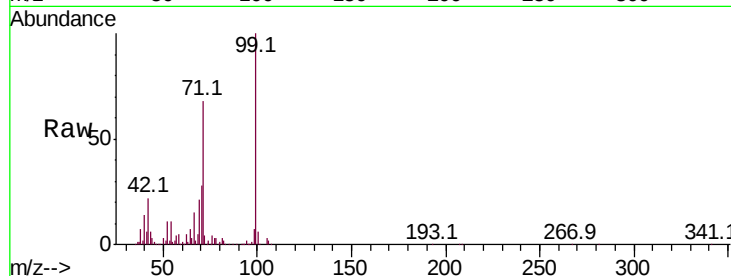
Tot Ion: 99 Resp: 1379093

Ion Ratio Lower Upper

99 100

42 22.3 11.0 16.4#

71 67.5 23.4 35.2#



#8

2-Chlorophenol

Concen: 20.496 ng

RT: 7.58 min Scan# 730

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

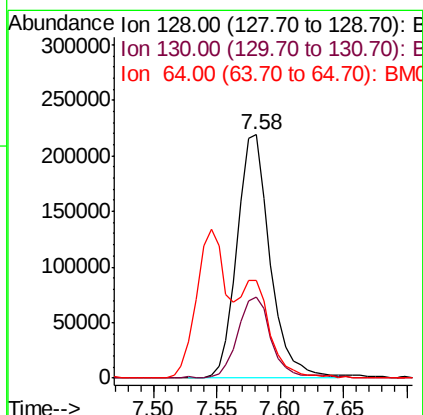
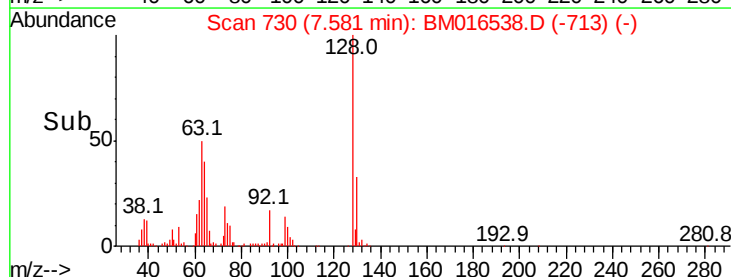
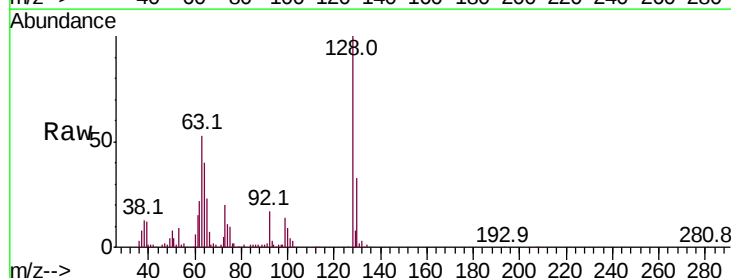
Tgt Ion: 128 Resp: 397072

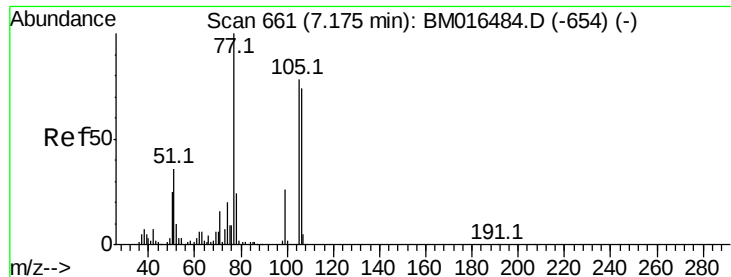
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 40.2 24.9 64.9





#9

Benzaldehyde

Concen: 17.096 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

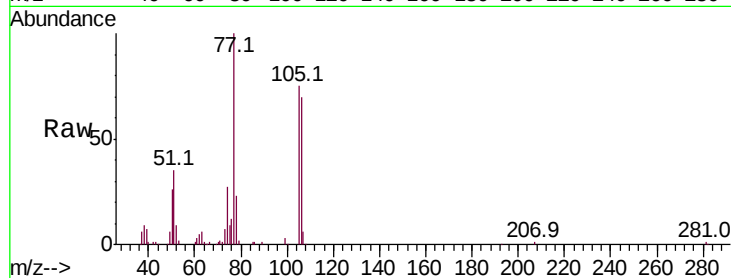
Tot Ion: 77 Resp: 255616

Ion Ratio Lower Upper

77 100

105 75.4 78.8 118.8#

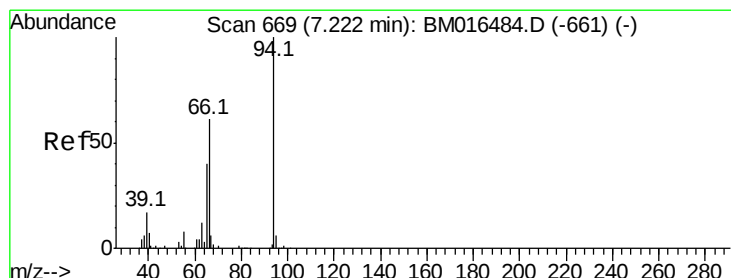
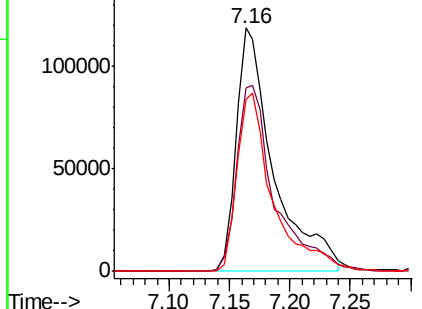
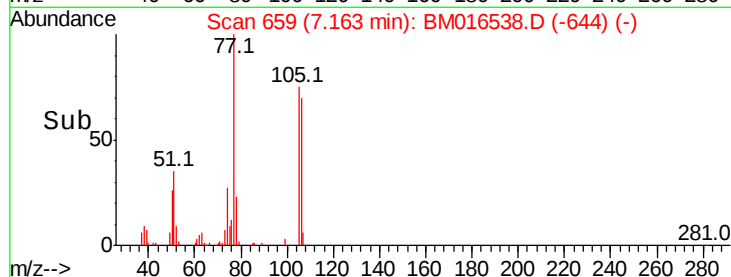
106 70.4 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016538.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016538.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016538.D (-654) (-)



#10

Phenol

Concen: 19.849 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

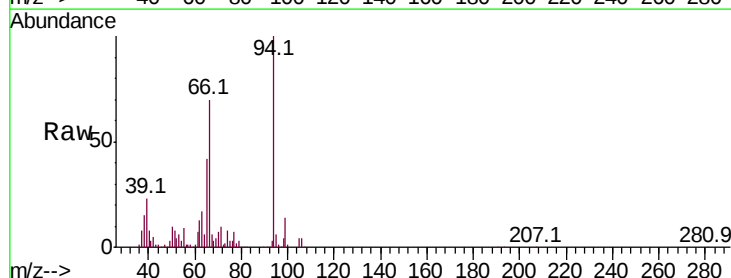
Tgt Ion: 94 Resp: 422916

Ion Ratio Lower Upper

94 100

65 42.4 18.8 58.8

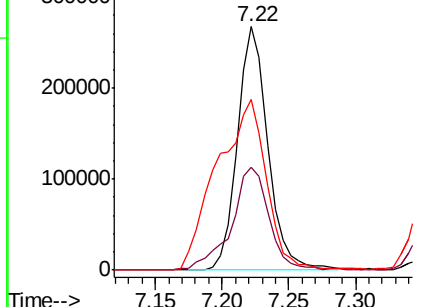
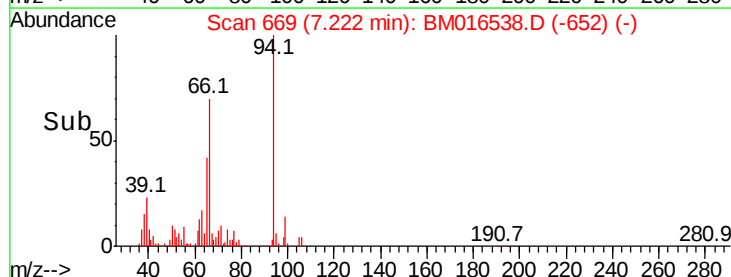
66 70.1 39.9 79.9

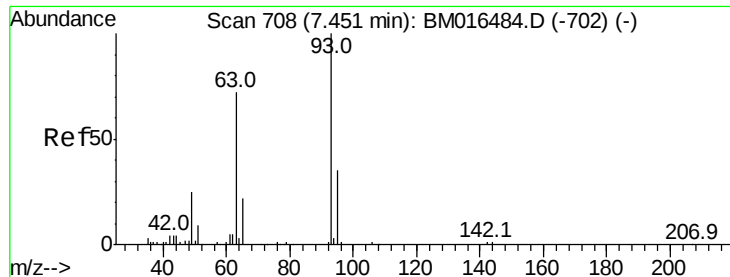


Abundance Ion 94.00 (93.70 to 94.70): BM016538.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM016538.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM016538.D (-652) (-)

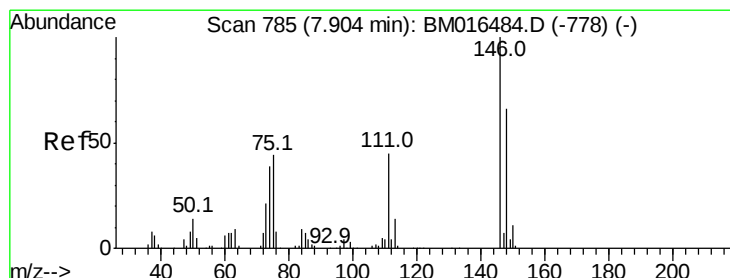
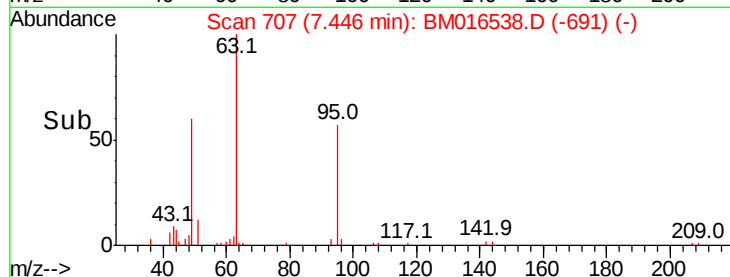
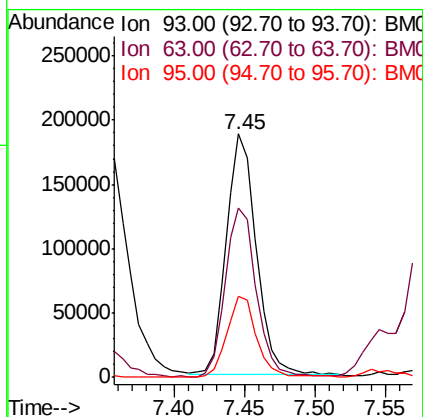
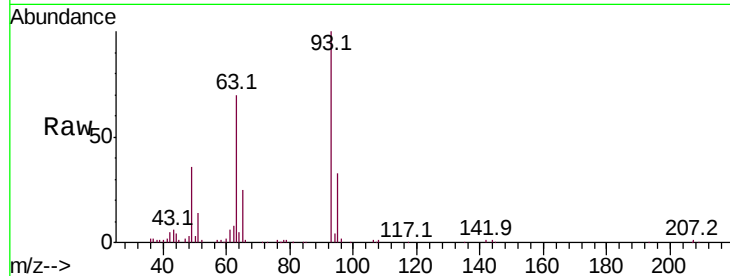




#11
bis(2-Chloroethyl)ether
Concen: 17.237 ng
RT: 7.45 min Scan# 707
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

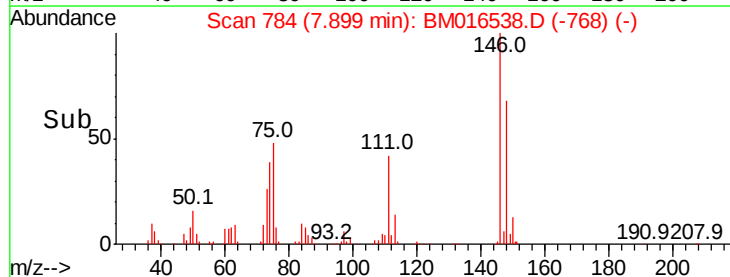
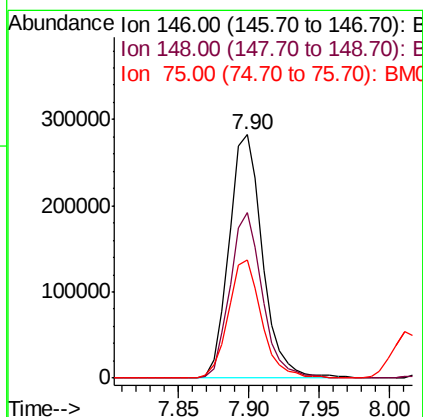
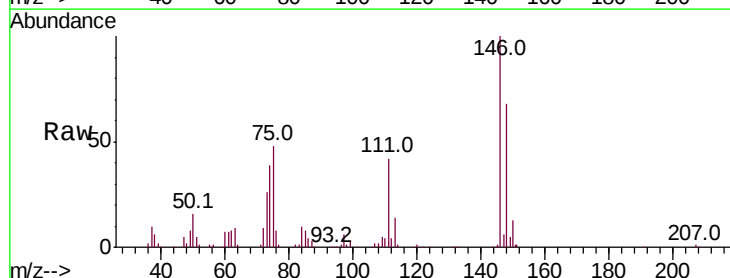
Instrument :
BNA_F
ClientSampled :

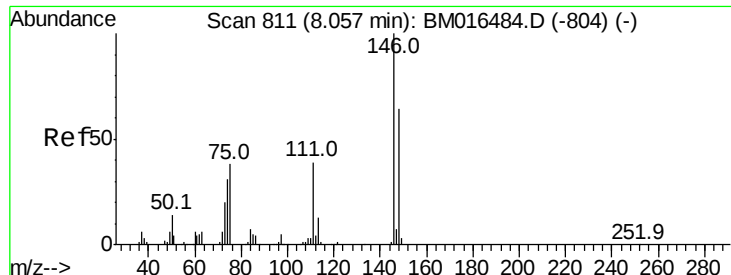
Tot Ion: 93 Resp: 275409
Ion Ratio Lower Upper
93 100
63 69.5 49.5 89.5
95 33.3 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 18.115 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion: 146 Resp: 465292
Ion Ratio Lower Upper
146 100
148 67.9 50.9 76.3
75 48.4 21.4 32.2#

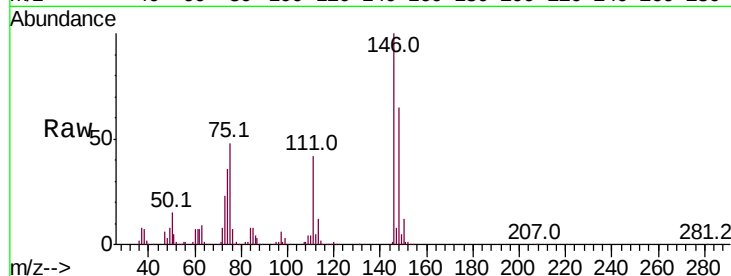




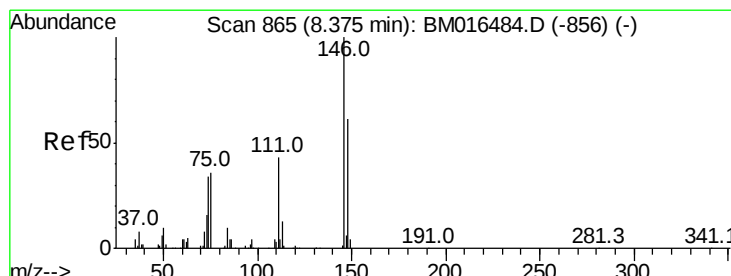
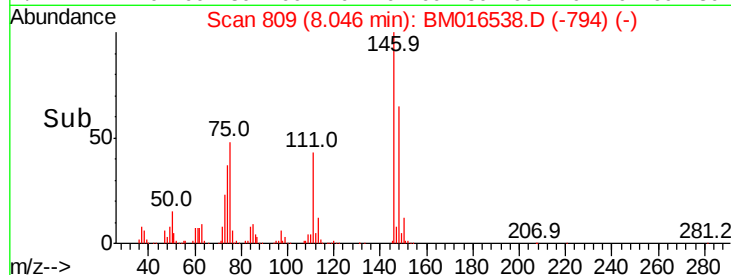
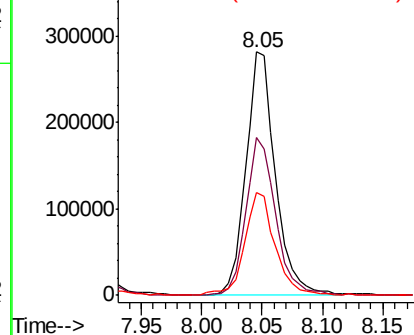
#13
1,4-Dichlorobenzene
Concen: 18.300 ng
RT: 8.05 min Scan# 809
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	42.3	29.2	43.8

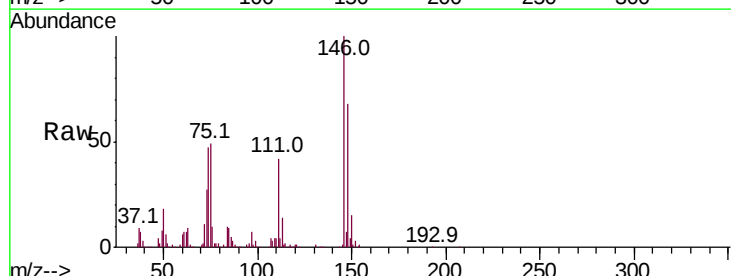


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

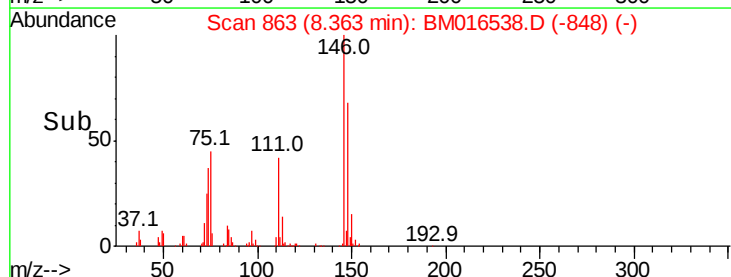
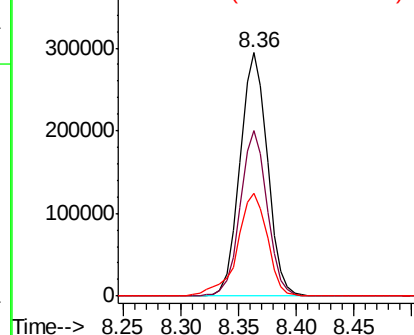


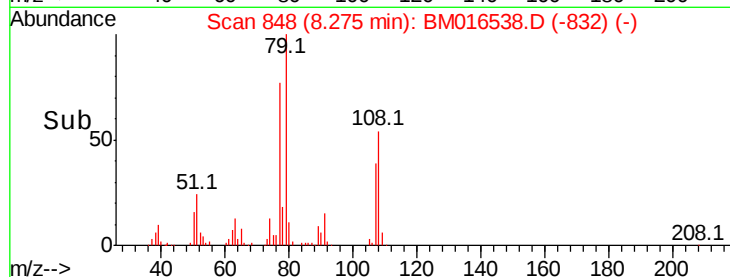
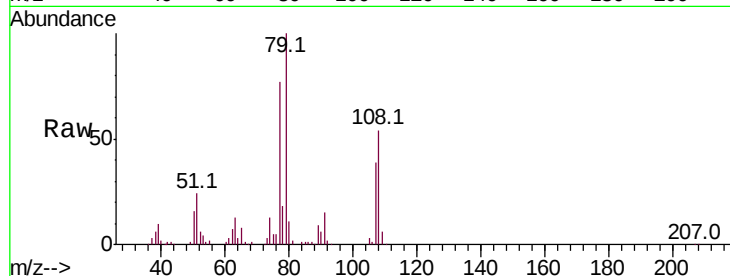
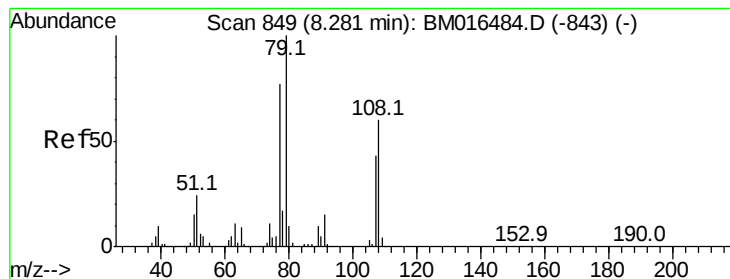
#14
1,2-Dichlorobenzene
Concen: 18.645 ng
RT: 8.36 min Scan# 863
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	52.3	78.5
111	42.3	30.6	45.8



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





#15

Benzyl Alcohol

Concen: 18.130 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampled :

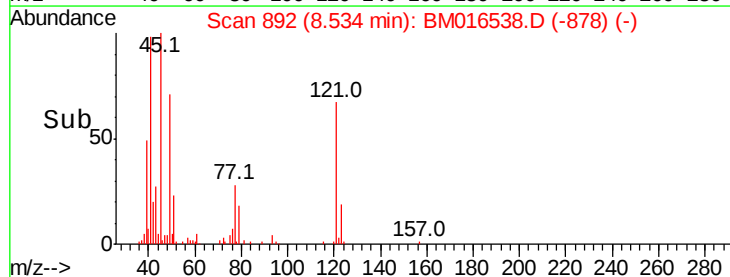
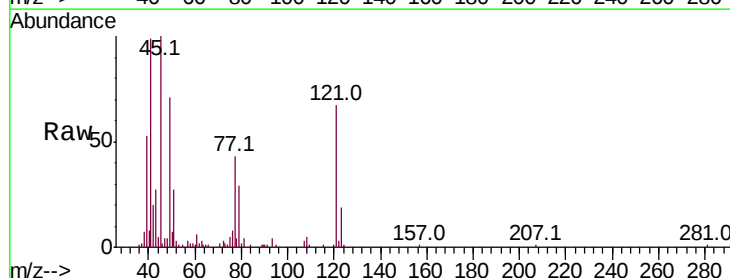
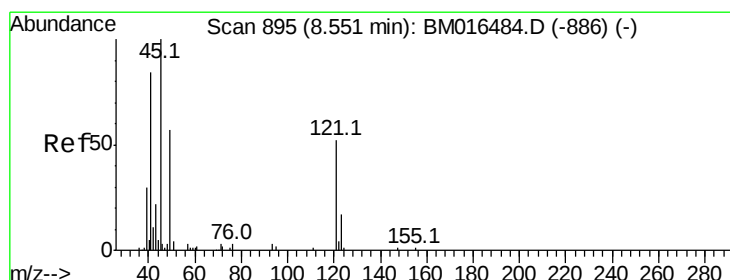
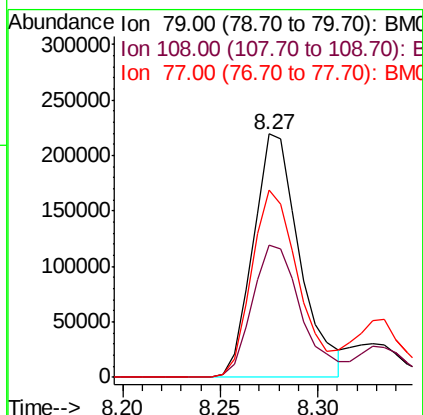
Tot Ion: 79 Resp: 362745

Ion Ratio Lower Upper

79 100

108 54.3 65.0 97.4#

77 77.0 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.125 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.02 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

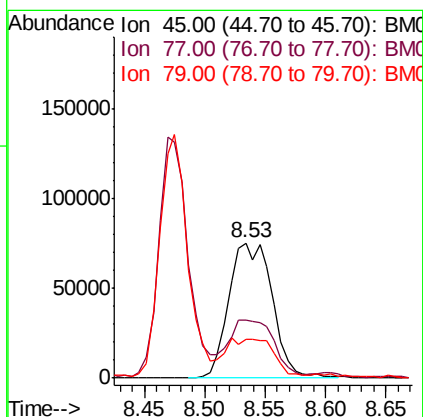
Tgt Ion: 45 Resp: 188400

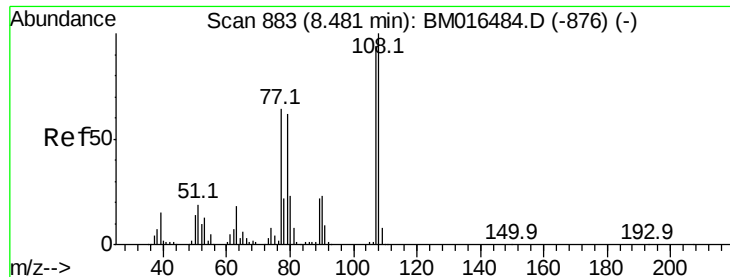
Ion Ratio Lower Upper

45 100

77 42.9 0.0 35.2#

79 28.6 0.0 32.0

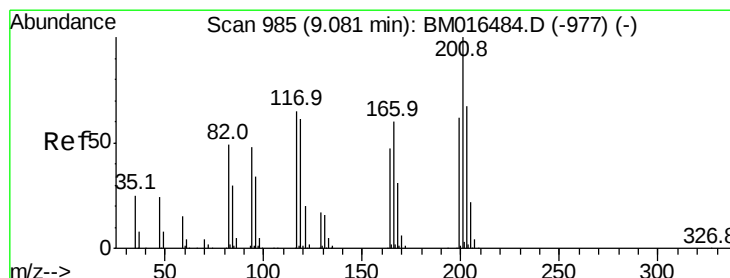
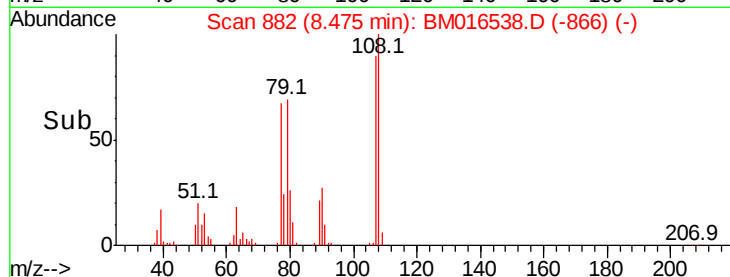
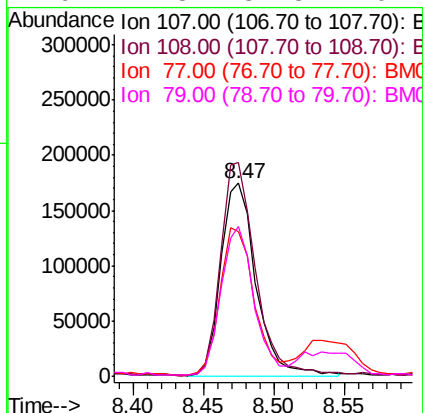
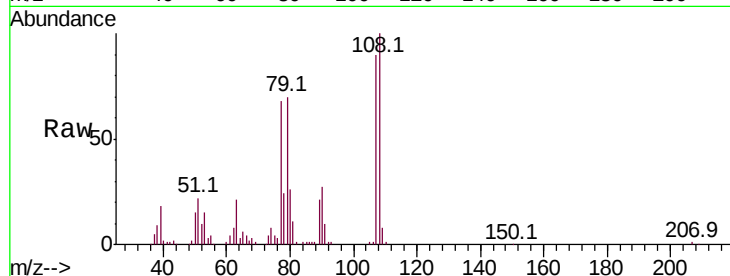




#17
2-Methylphenol
Concen: 19.639 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

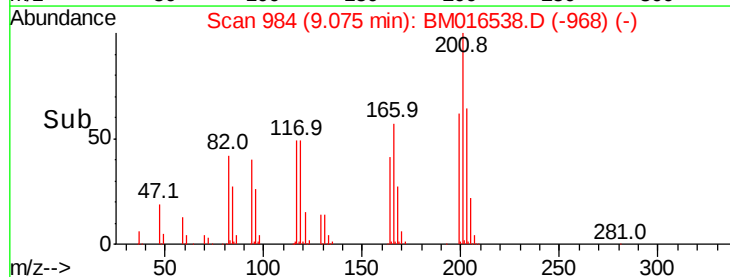
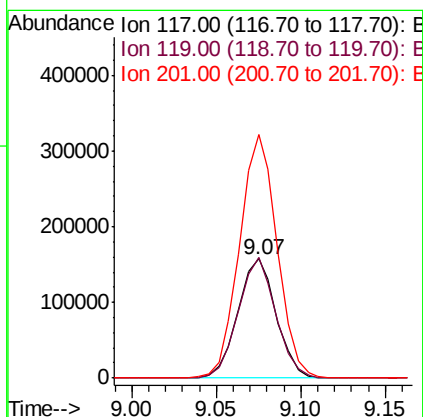
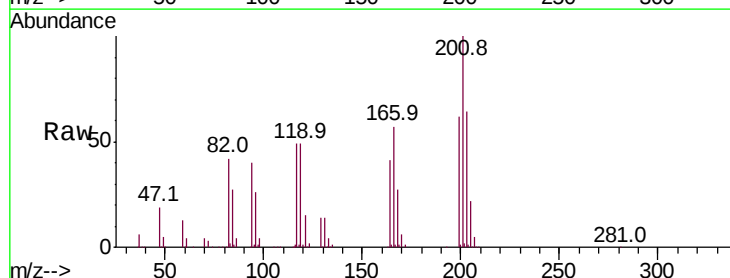
Instrument :
BNA_F
ClientSampleId :

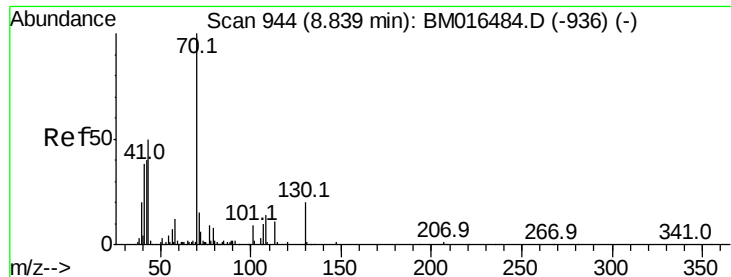
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.8	134.8
77	75.4	32.6	48.8#
79	77.8	32.8	49.2#



#18
Hexachloroethane
Concen: 20.378 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.9	79.2	118.8
201	203.9	69.8	104.6#

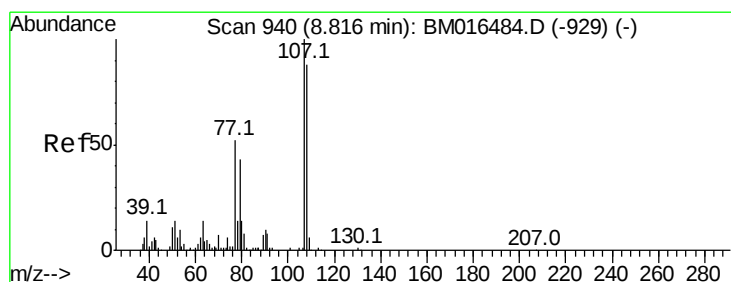
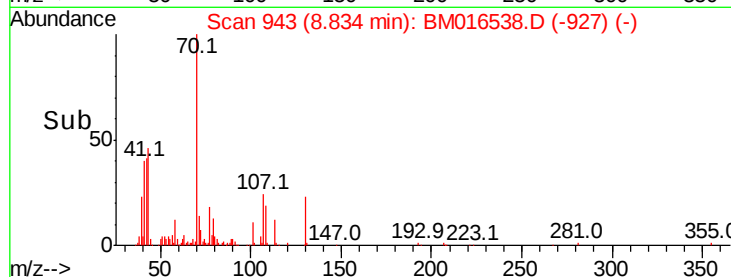
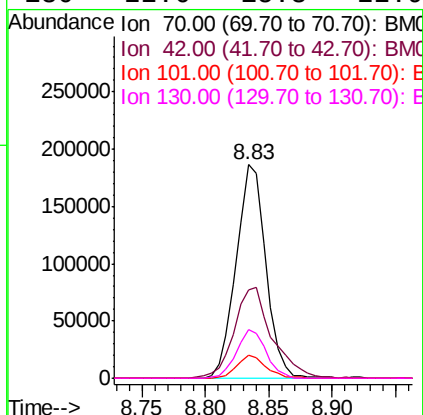
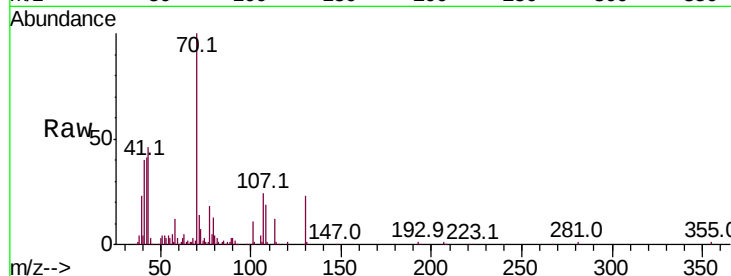




#19
n-Nitroso-di-n-propylamine
Concen: 17.951 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

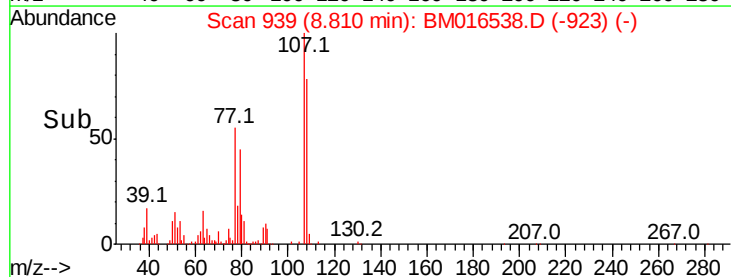
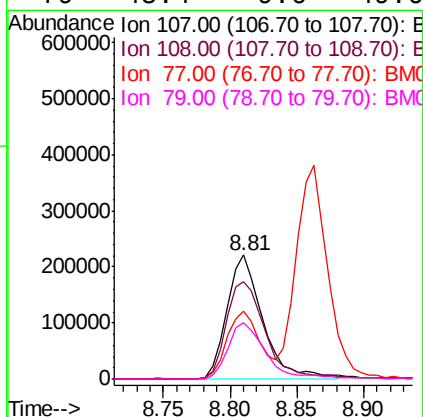
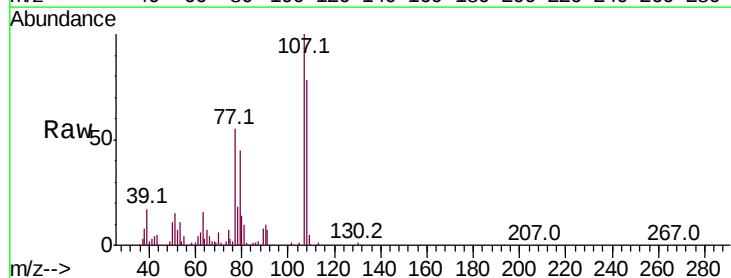
Instrument :
BNA_F
ClientSampleId :

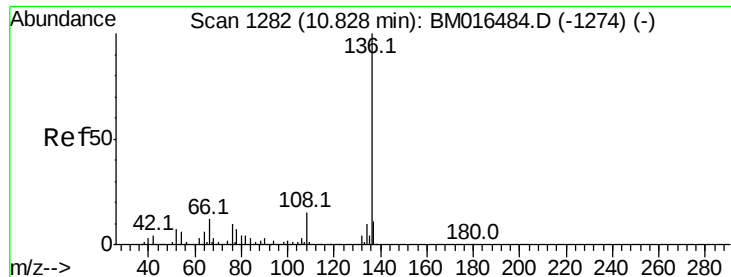
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.2	44.5	66.7#
101	10.7	7.4	11.2
130	22.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 19.479 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.5	73.2	113.2
77	55.4	10.7	50.7#
79	45.4	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1207331

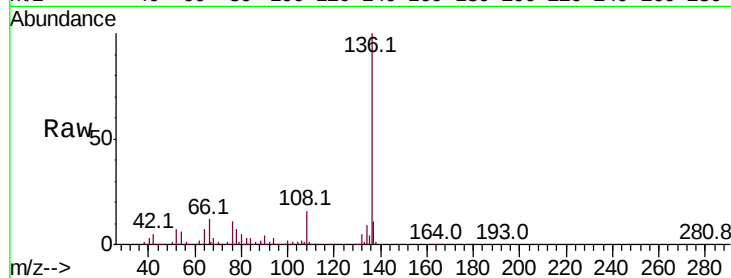
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.4 4.6 6.8

68 2.9 3.7 5.5#



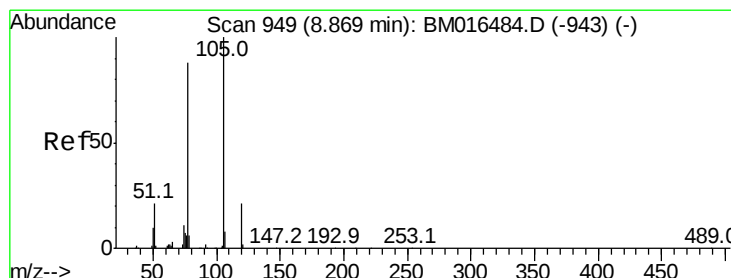
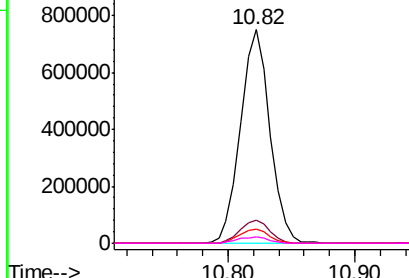
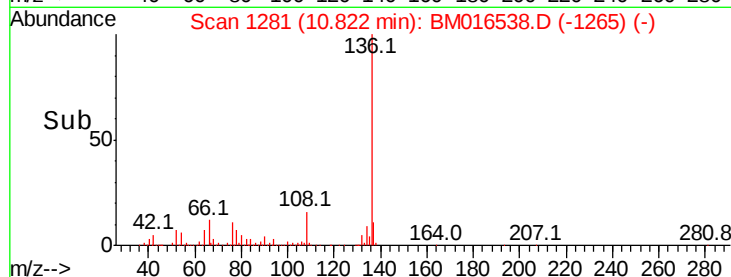
Abundance

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: 20.678 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:105 Resp: 601153

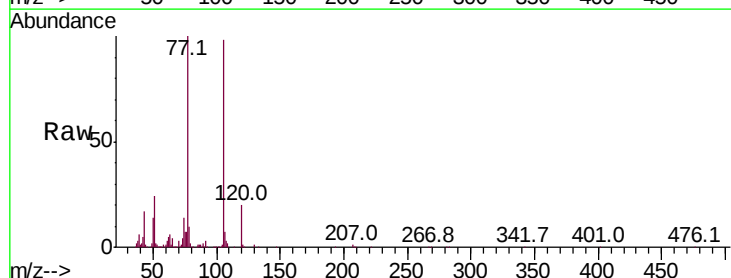
Ion Ratio Lower Upper

105 100

71 0.5 0.6 1.0#

51 24.9 21.6 32.4

120 20.8 16.1 24.1



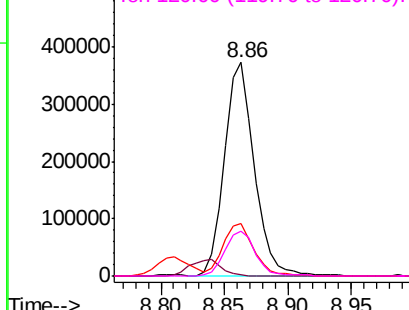
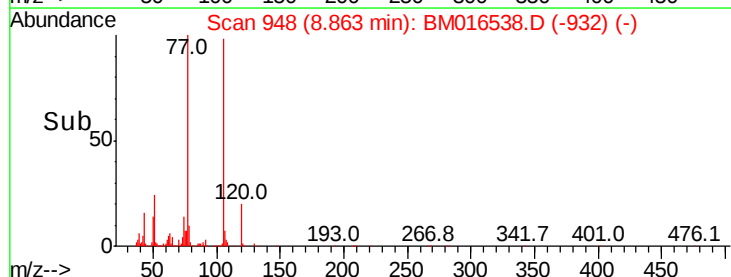
Abundance

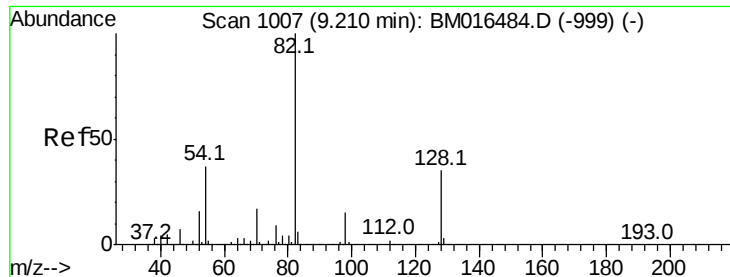
Ion 105.00 (104.70 to 105.70): E

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

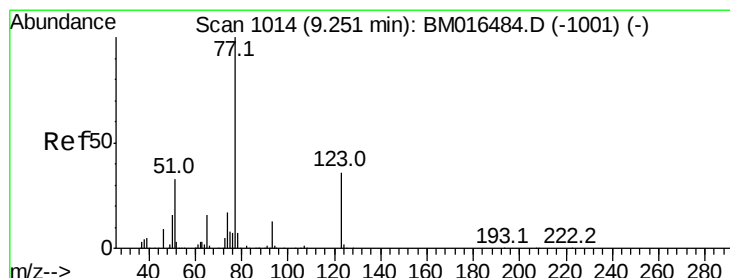
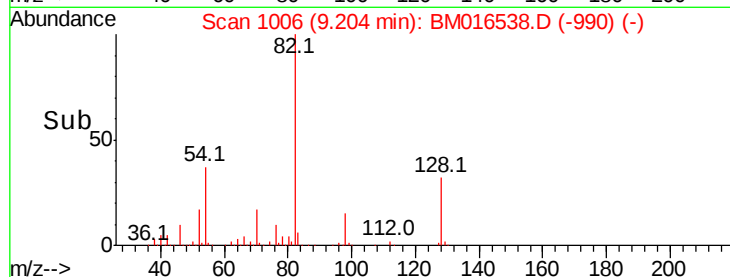
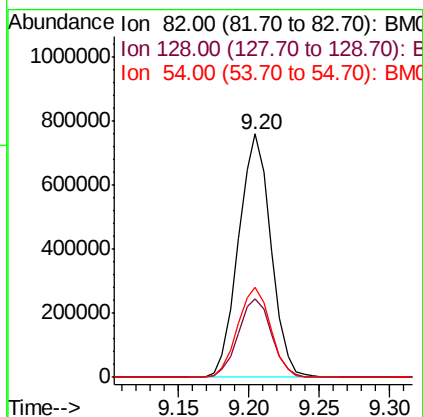
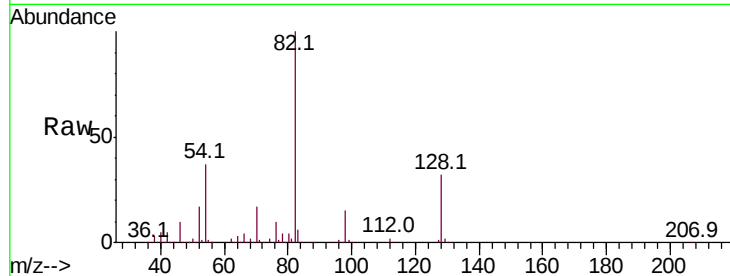




#23
Nitrobenzene-d5
Concen: 20.678 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

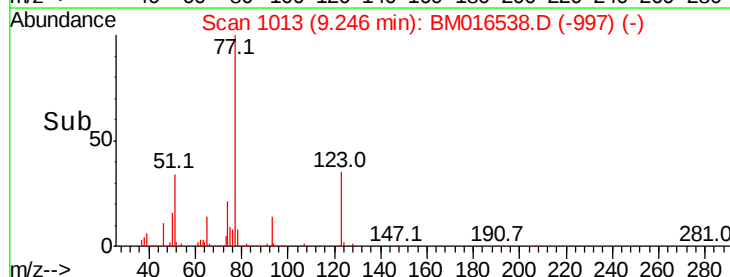
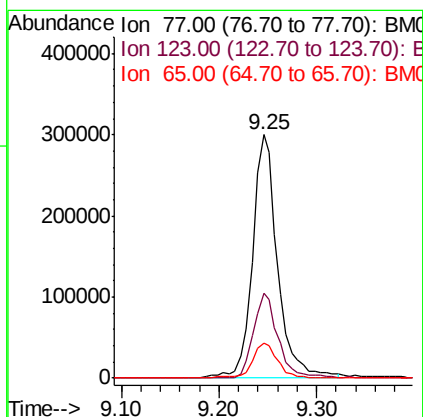
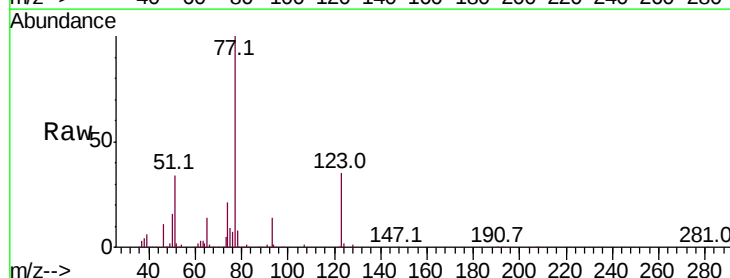
Instrument :
BNA_F
ClientSampleId :

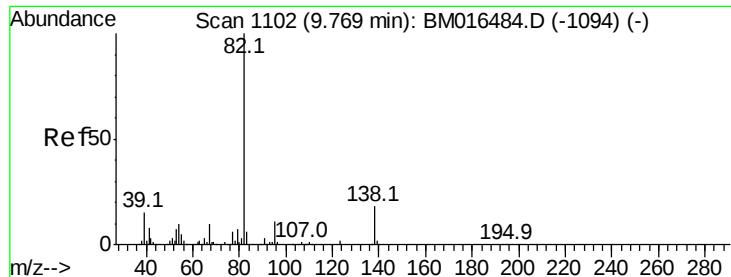
Tot Ion: 82 Resp: 1223638
Ion Ratio Lower Upper
82 100
128 32.0 32.8 49.2#
54 37.0 40.6 60.8#



#24
Nitrobenzene
Concen: 20.518 ng
RT: 9.25 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion: 77 Resp: 542072
Ion Ratio Lower Upper
77 100
123 35.0 32.6 49.0
65 14.3 10.9 16.3





#25

Isophorone

Concen: 24.200 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

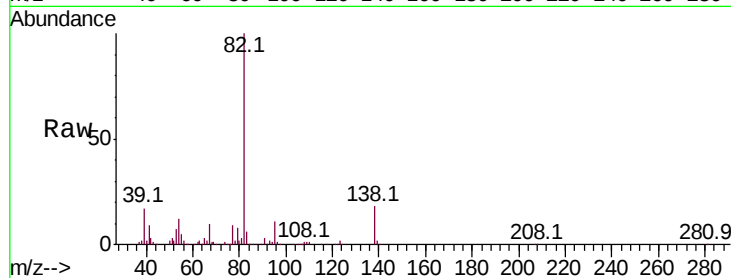
Tot Ion: 82 Resp: 855251

Ion Ratio Lower Upper

82 100

95 11.1 5.8 8.6#

138 18.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016484.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1094) (-)

9.76

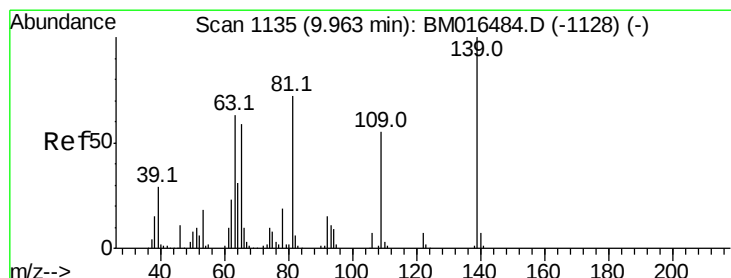
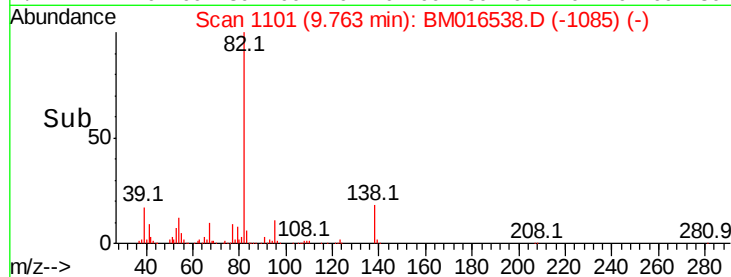
400000

200000

0

9.70 9.75 9.80 9.85

Time-->



#26

2-Nitrophenol

Concen: 20.961 ng

RT: 9.95 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

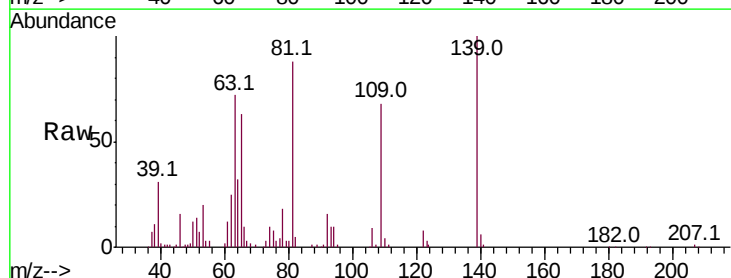
Tgt Ion: 139 Resp: 236752

Ion Ratio Lower Upper

139 100

109 67.6 20.1 30.1#

65 62.6 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM016484.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016484.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-1128) (-)

9.95

150000

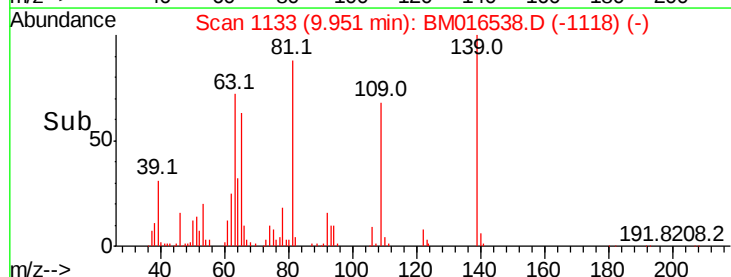
100000

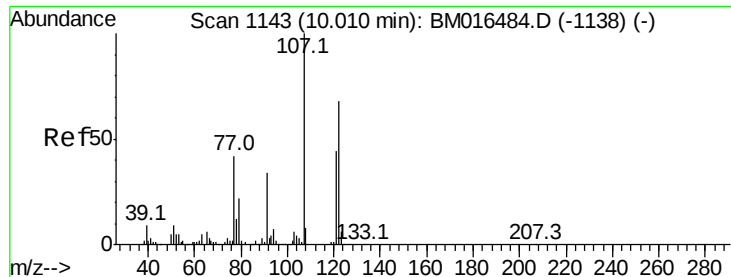
50000

0

9.90 10.00

Time-->

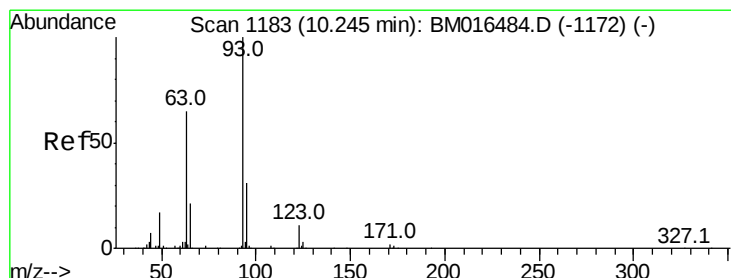
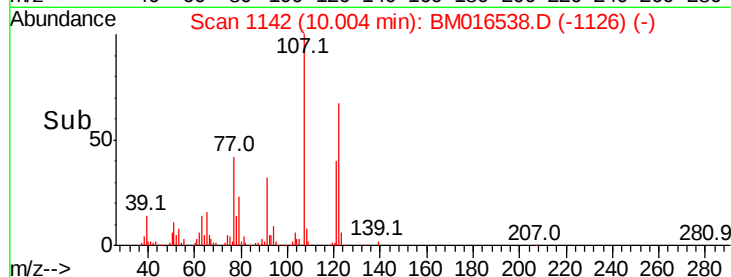
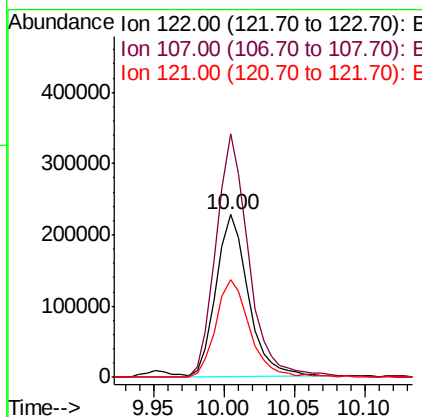
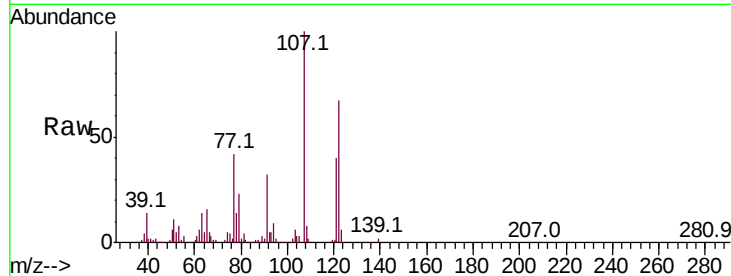




#27
2,4-Dimethylphenol
Concen: 24.556 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

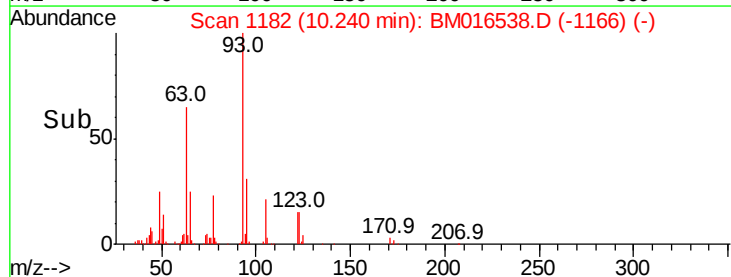
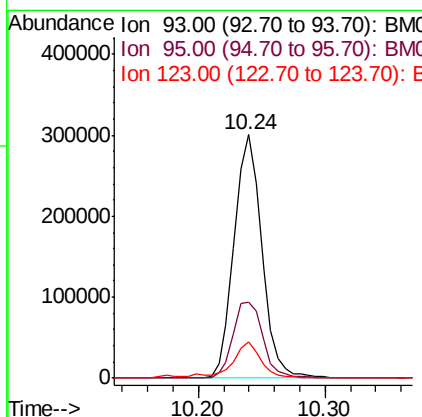
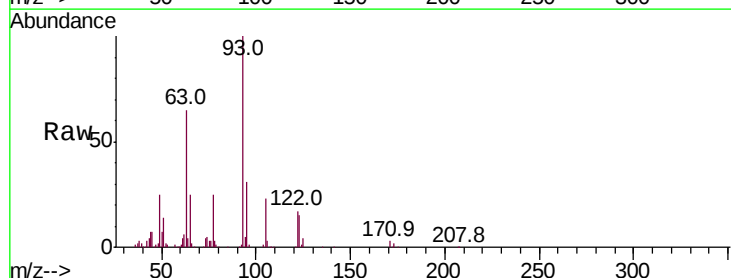
Instrument :
BNA_F
ClientSampled :

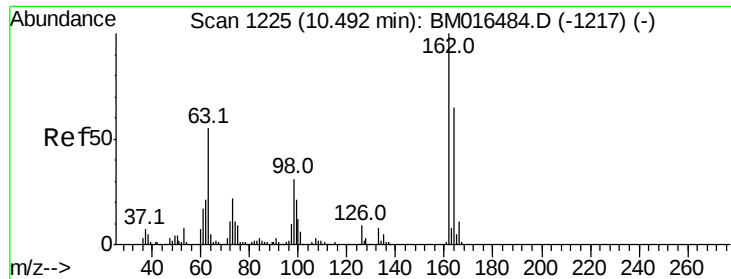
Tot Ion:122 Resp: 361445
Ion Ratio Lower Upper
122 100
107 149.6 84.7 127.1#
121 60.0 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 21.740 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion: 93 Resp: 458631
Ion Ratio Lower Upper
93 100
95 31.0 25.5 38.3
123 14.9 8.6 13.0#

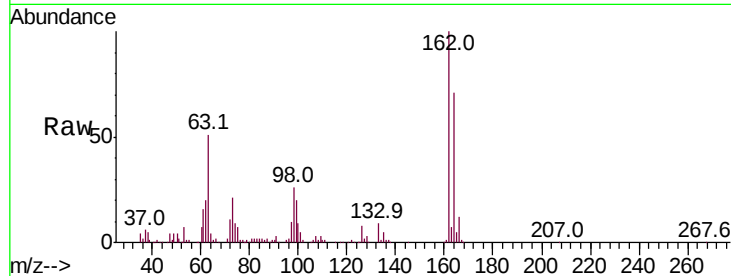




#29
 2,4-Dichlorophenol
 Concen: 25.641 ng
 RT: 10.49 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	70.9	42.8	82.8
98	26.2	14.5	54.5

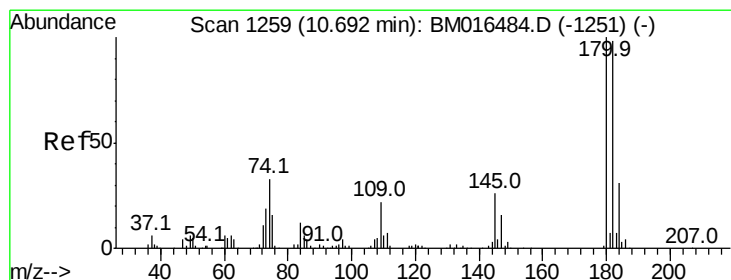
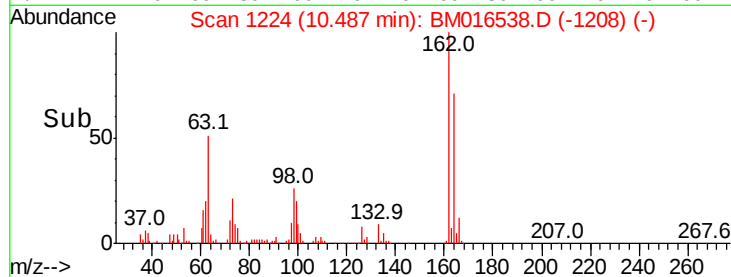
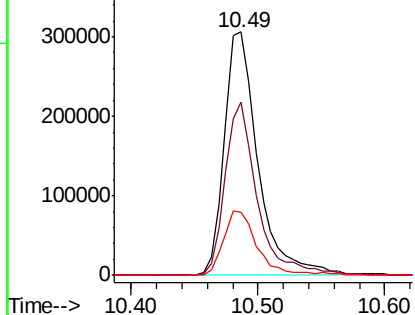


Abundance

Ion 162.00 (161.70 to 162.70): E

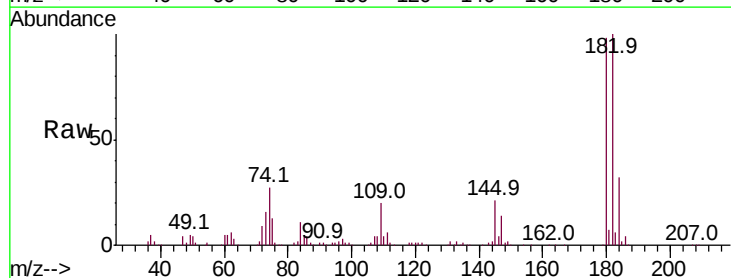
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 25.475 ng
 RT: 10.69 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.1	77.6	116.4
145	21.2	23.4	35.2#

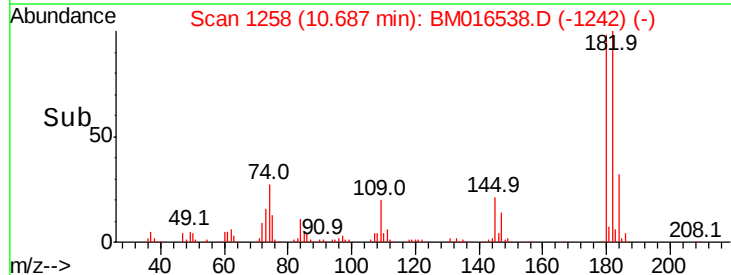
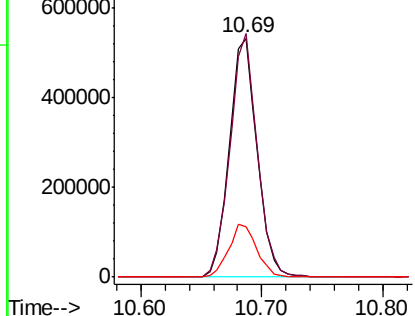


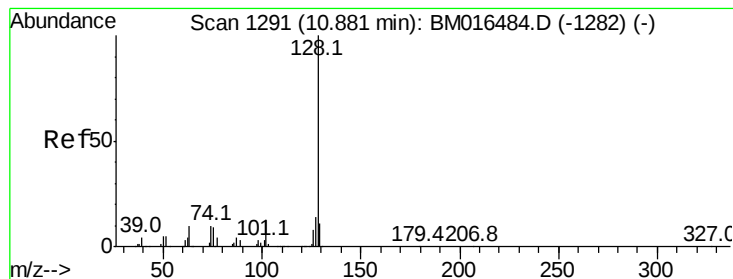
Abundance

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: 22.204 ng

RT: 10.87 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

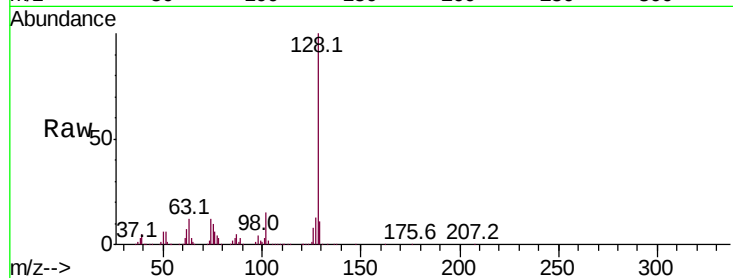
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1277250

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.0	10.4	15.6

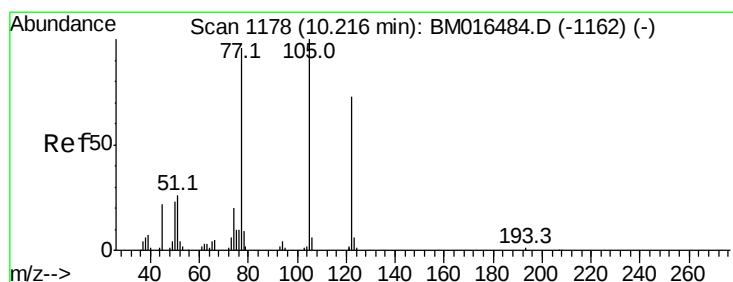
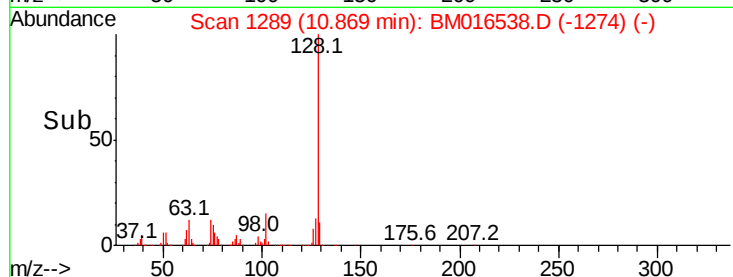
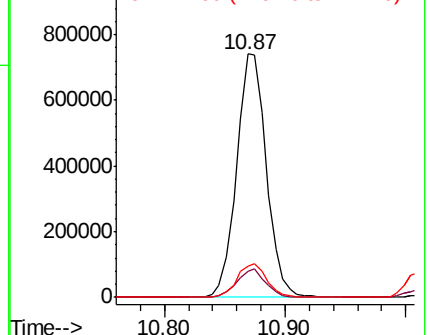


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.176 ng

RT: 10.23 min Scan# 1181

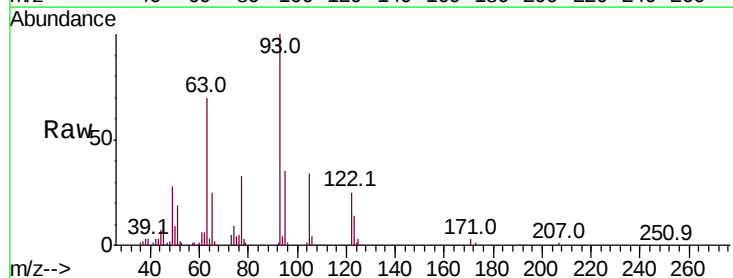
Delta R.T. 0.02 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:122 Resp: 223850

Ion	Ratio	Lower	Upper
122	100		
105	137.4	99.9	139.9
77	135.4	73.7	113.7#

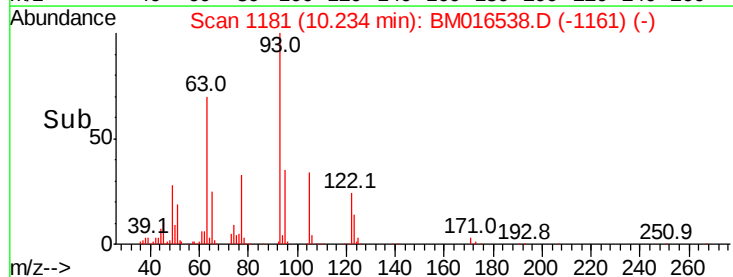
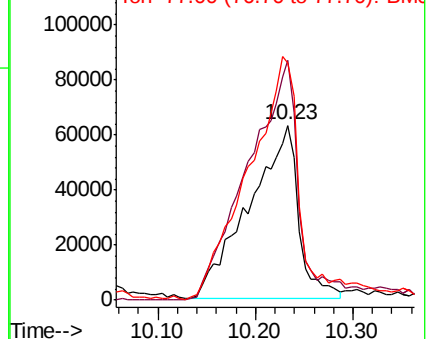


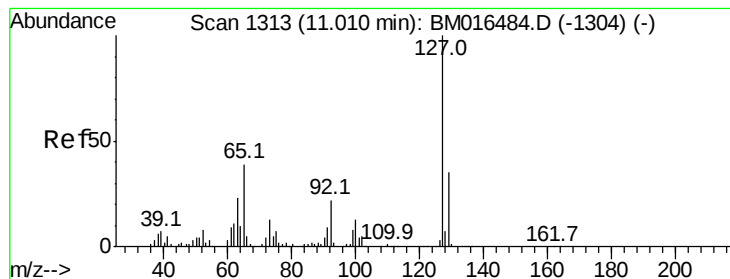
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





#33

4-Chloroaniline

Concen: 6.743 ng

RT: 11.01 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 163226

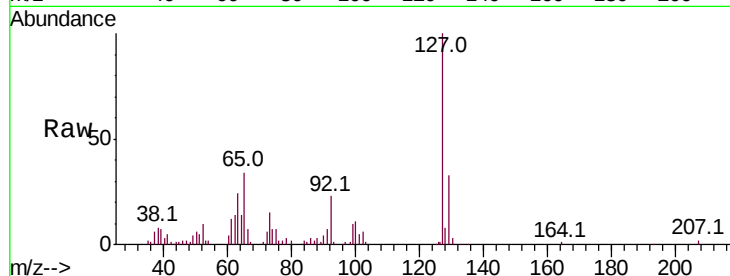
Ion Ratio Lower Upper

127 100

129 32.6 25.3 37.9

65 33.7 17.6 26.4#

92 22.9 13.1 19.7#

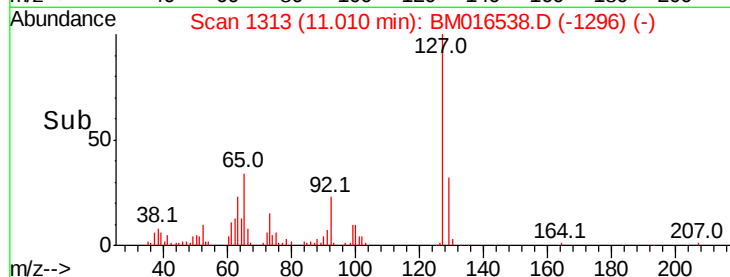


Abundance Ion 127.00 (126.70 to 127.70): E

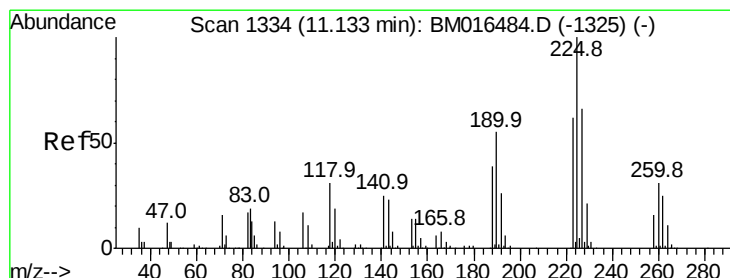
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



Time-->



#34

Hexachlorobutadiene

Concen: 26.734 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

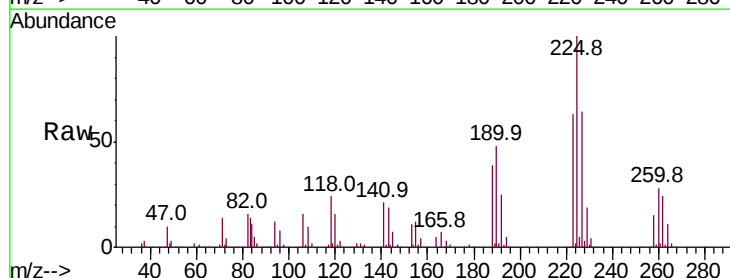
Tgt Ion:225 Resp: 852925

Ion Ratio Lower Upper

225 100

223 62.7 47.9 71.9

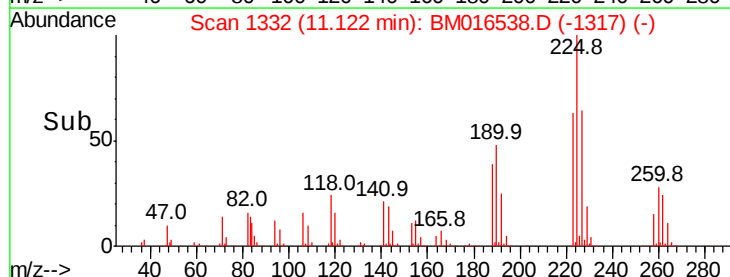
227 63.6 50.1 75.1



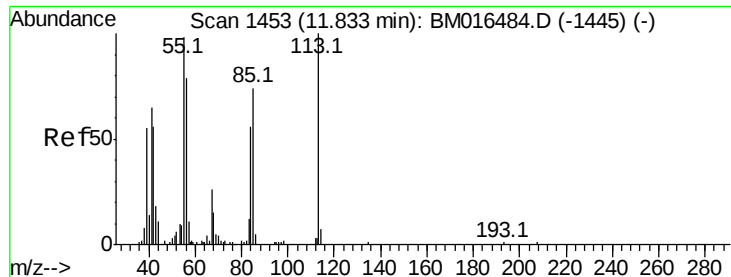
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 16.358 ng

RT: 11.83 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

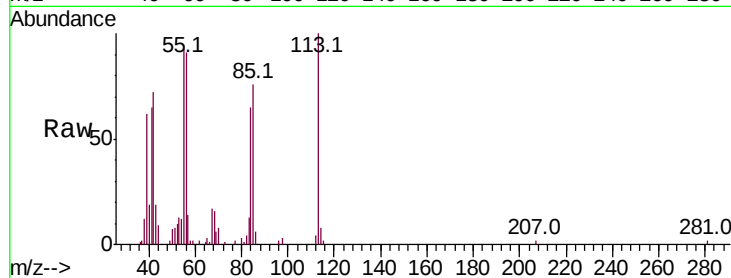
Tot Ion:113 Resp: 86469

Ion Ratio Lower Upper

113 100

55 93.0 145.9 185.9#

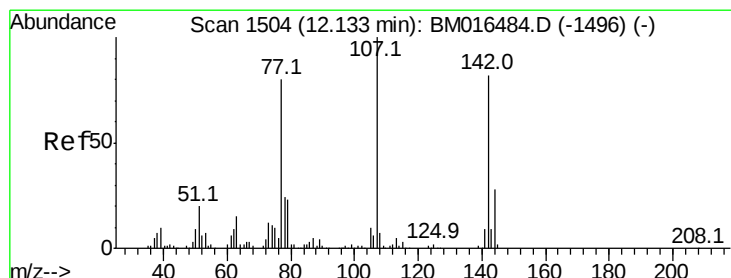
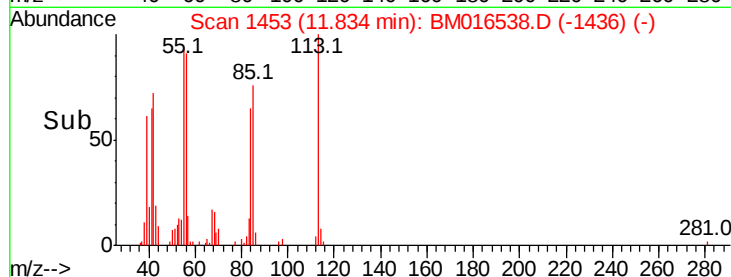
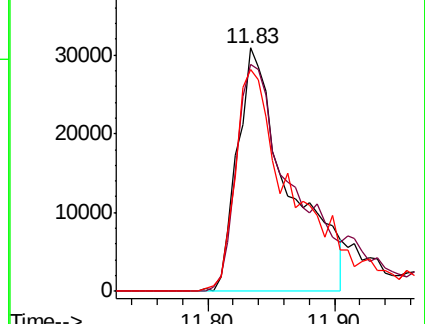
56 90.9 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 21.631 ng

RT: 12.13 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

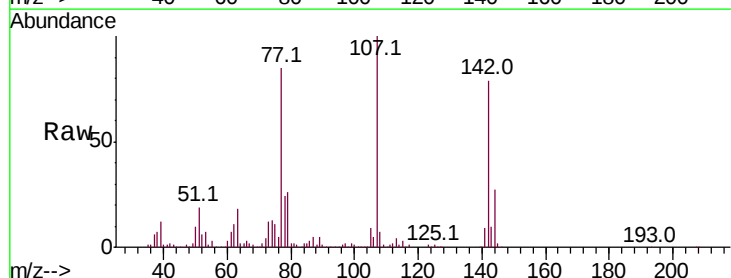
Tgt Ion:107 Resp: 458117

Ion Ratio Lower Upper

107 100

144 26.8 23.3 34.9

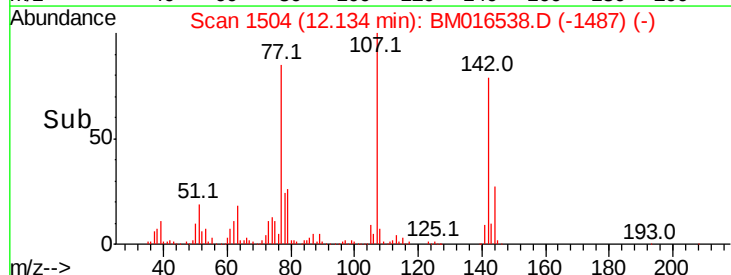
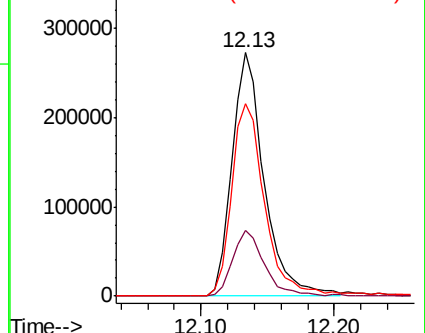
142 79.2 72.6 109.0

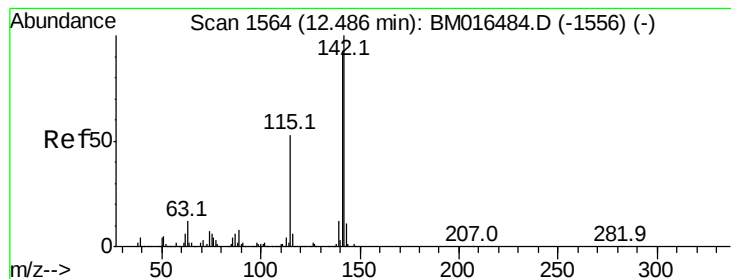


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.245 ng

RT: 12.48 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

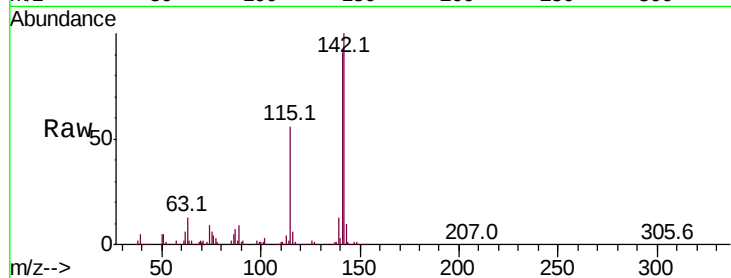
Tot Ion:142 Resp: 1136829

Ion Ratio Lower Upper

142 100

141 91.2 71.9 107.9

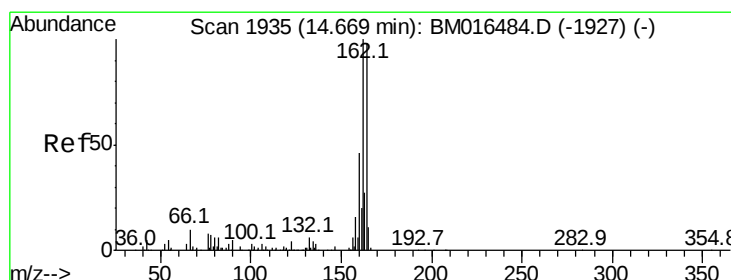
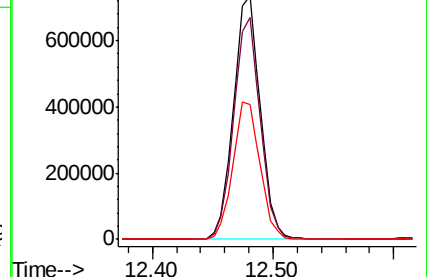
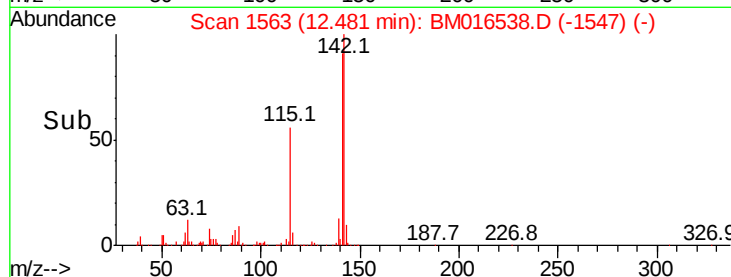
115 55.6 25.4 38.0#



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

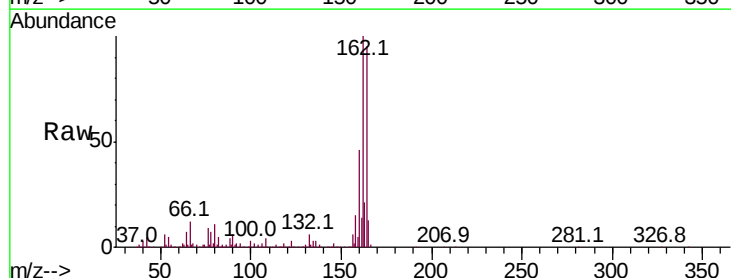
Tgt Ion:164 Resp: 1009908

Ion Ratio Lower Upper

164 100

162 105.5 82.4 123.6

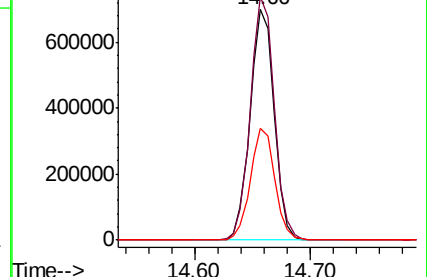
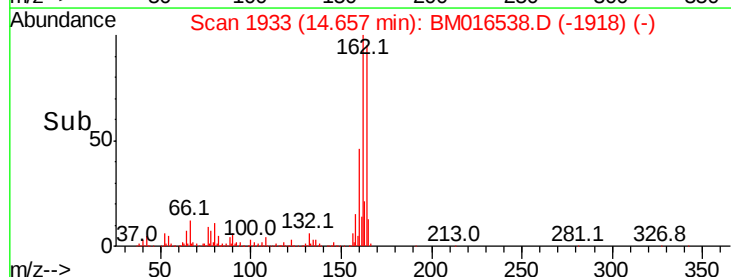
160 48.5 35.8 53.6

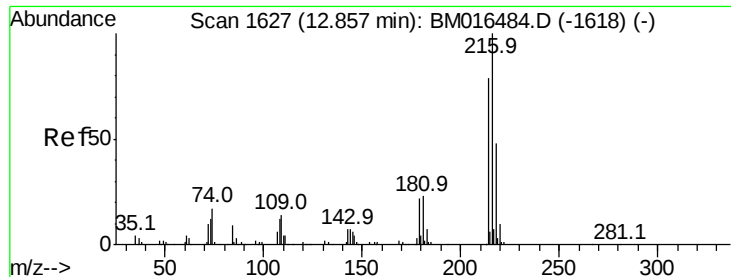


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

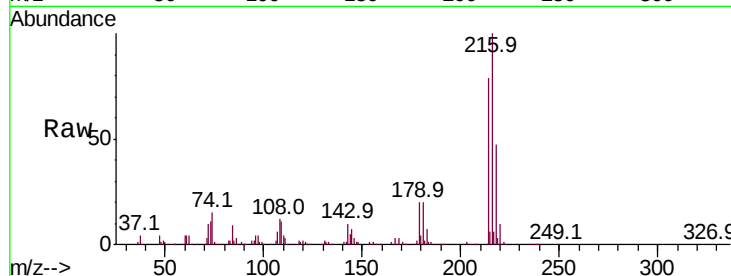




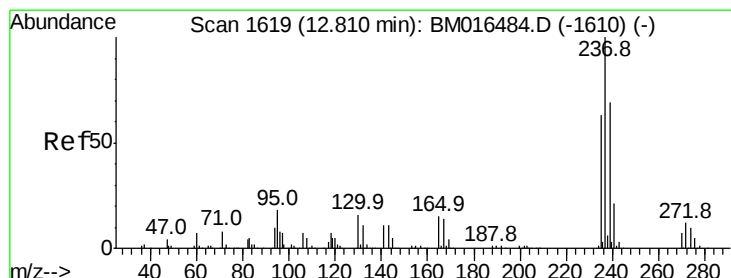
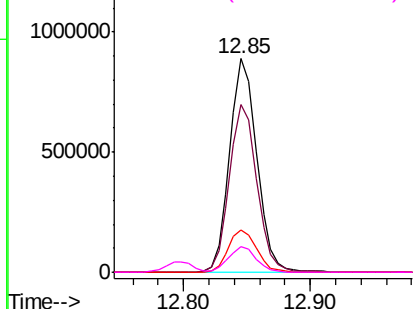
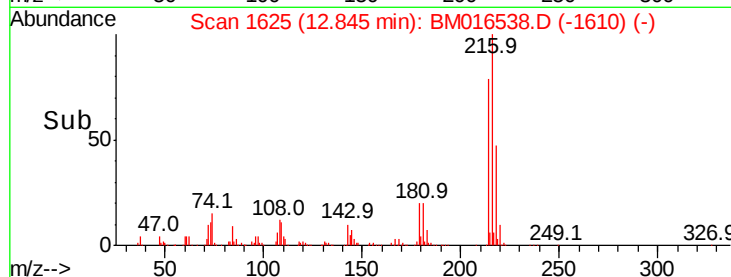
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.187 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216 Resp: 1322521
 Ion Ratio Lower Upper
 216 100
 214 79.1 0.0 0.0#
 179 20.6 0.0 0.0#
 108 11.8 0.0 0.0#

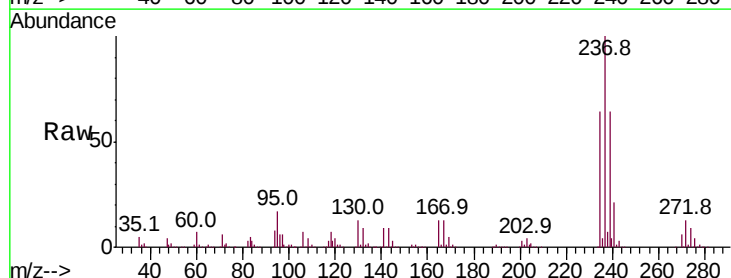


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

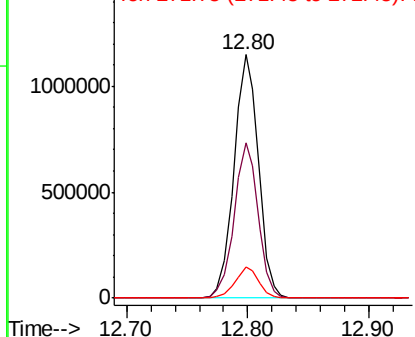
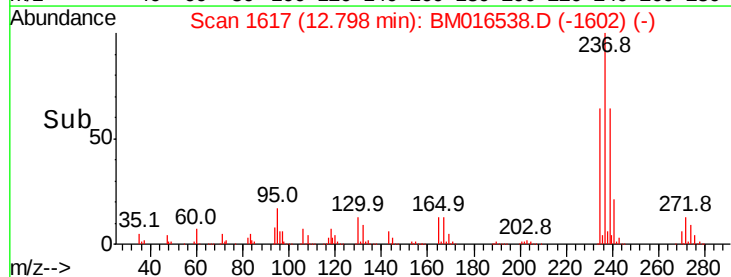


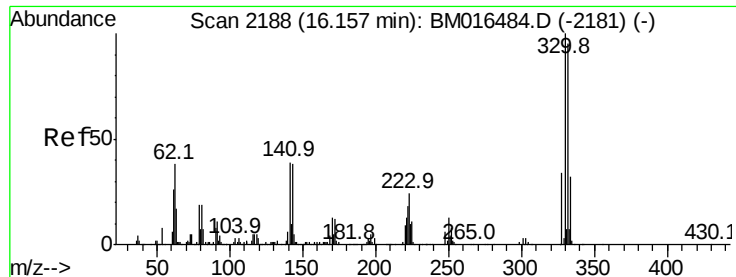
#40
 Hexachlorocyclopentadiene
 Concen: 66.633 ng
 RT: 12.80 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion:237 Resp: 1611073
 Ion Ratio Lower Upper
 237 100
 235 63.8 42.0 82.0
 272 12.7 0.0 33.4



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

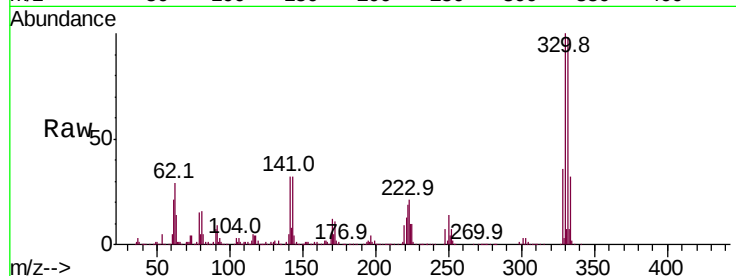




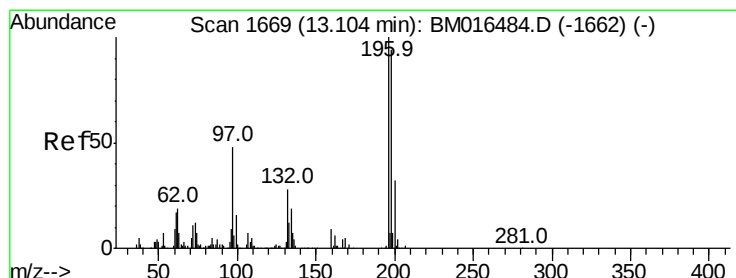
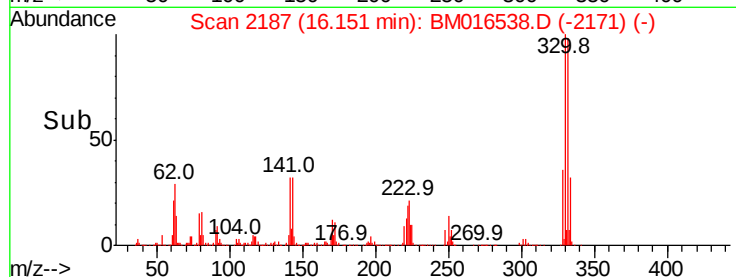
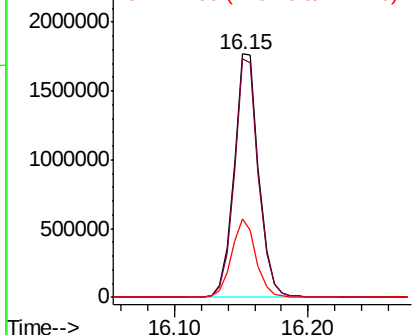
#41
 2,4,6-Tribromophenol
 Concen: 66.633 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 2267337
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 32.2 0.0 0.0#

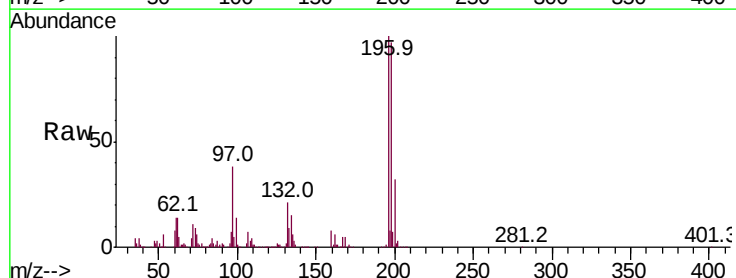


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

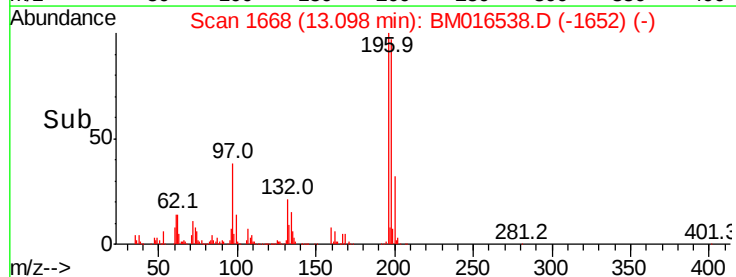
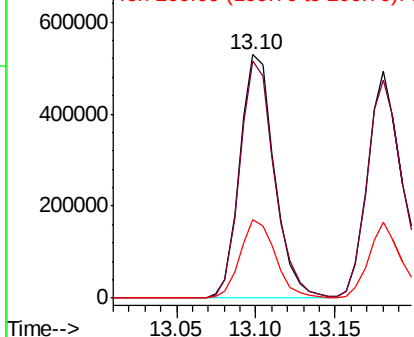


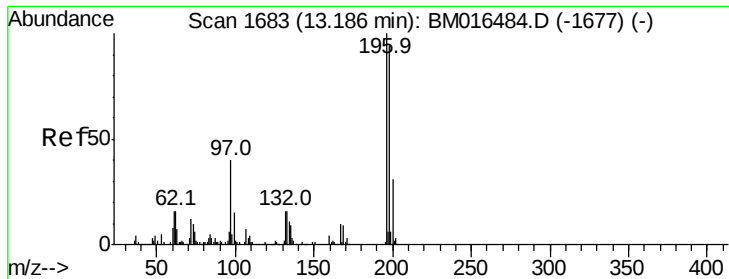
#42
 2,4,6-Trichlorophenol
 Concen: 23.602 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion:196 Resp: 805007
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.3 114.5
 200 32.0 25.6 38.4



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

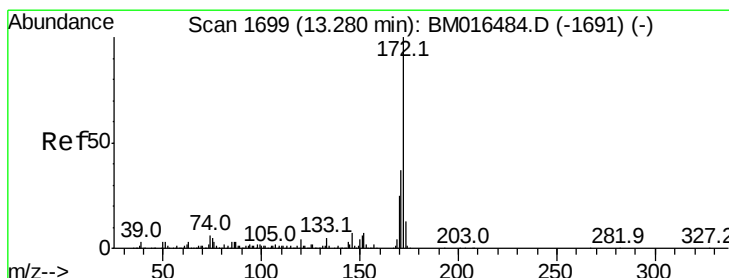
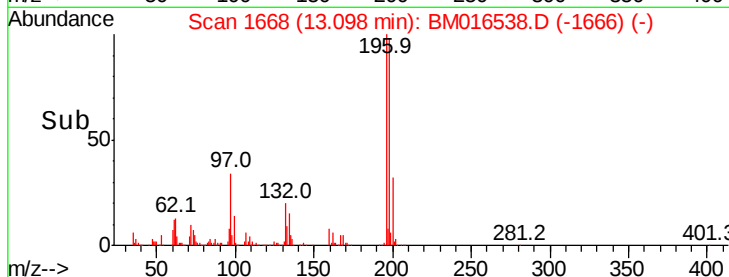
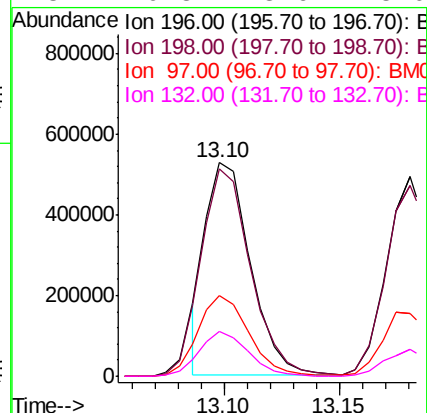
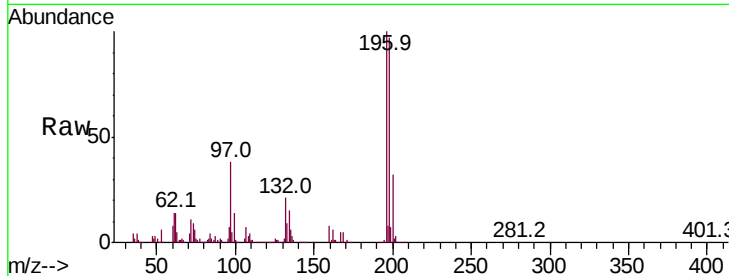




#43
2,4,5-Trichlorophenol
Concen: 21.292 ng
RT: 13.10 min Scan# 1668
Delta R.T. -0.09 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

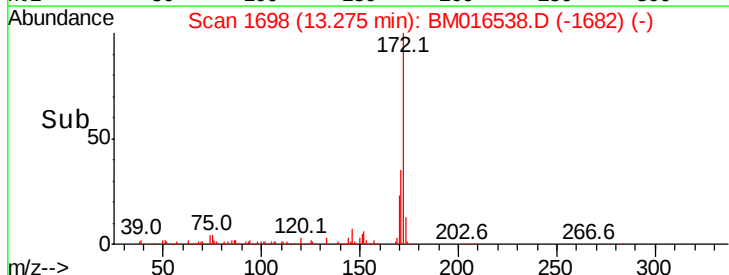
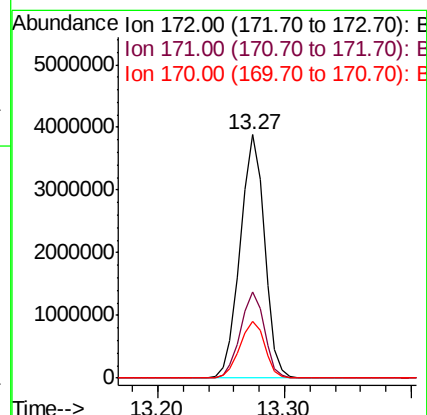
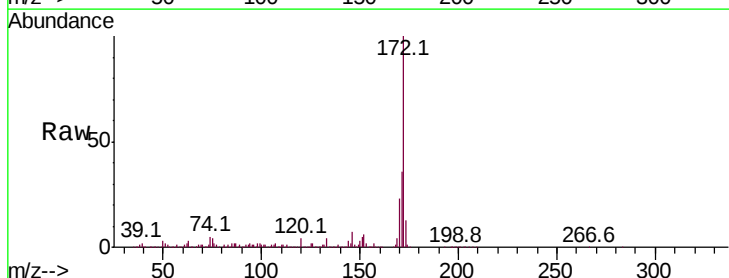
Instrument :
BNA_F
ClientSampleId :

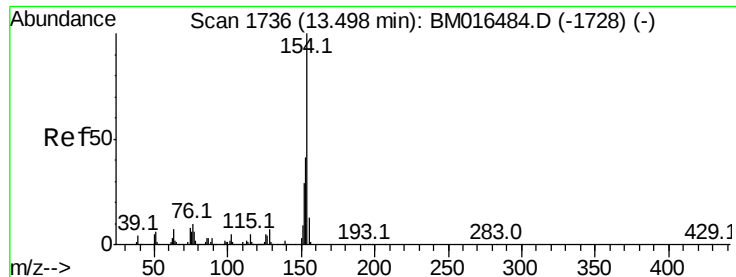
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.4	119.0
97	37.5	26.8	40.2
132	20.8	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 21.292 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	18.8	28.2





#45

1,1'-Biphenyl

Concen: 19.090 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

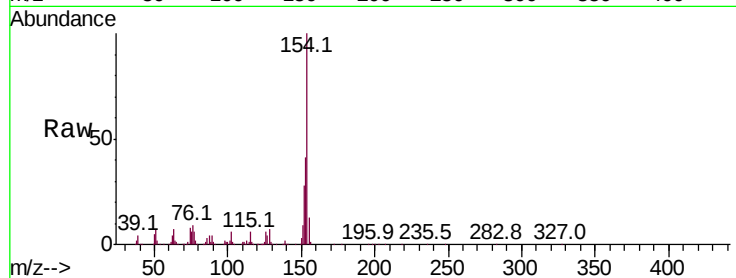
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1690470

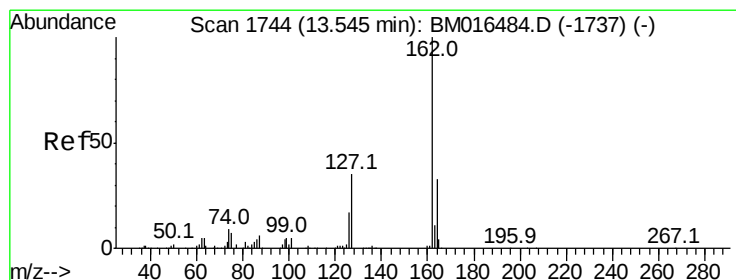
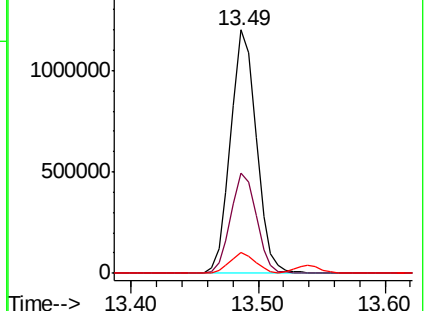
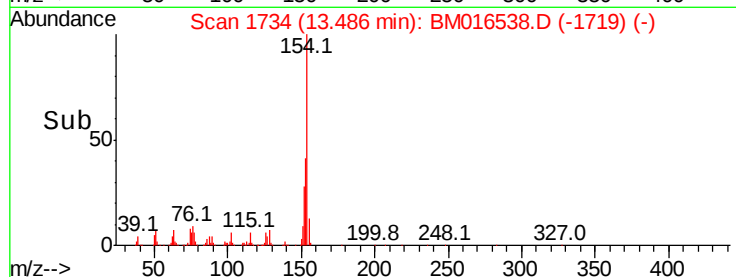
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	8.5	0.0	30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 19.778 ng

RT: 13.54 min Scan# 1743

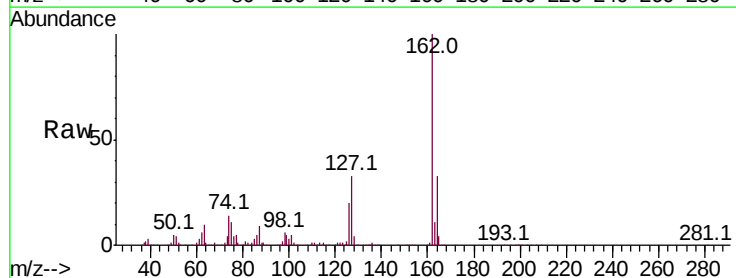
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:162 Resp: 1422934

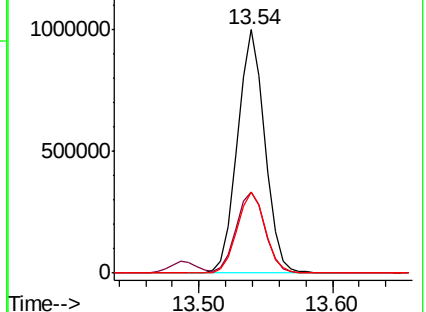
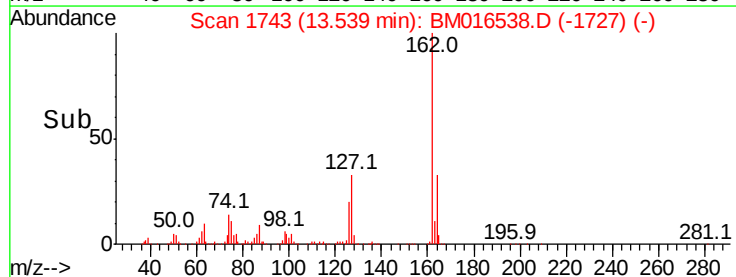
Ion	Ratio	Lower	Upper
162	100		
127	33.4	26.9	40.3
164	33.4	26.8	40.2

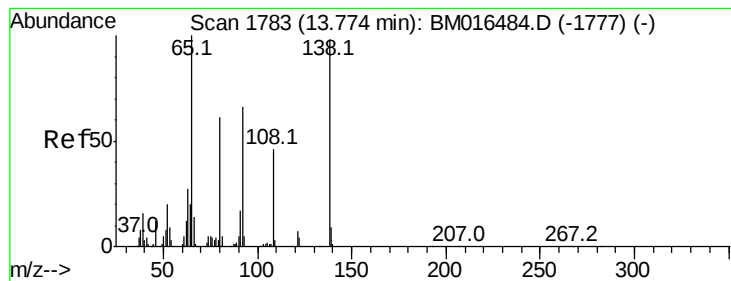


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 17.181 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampled :

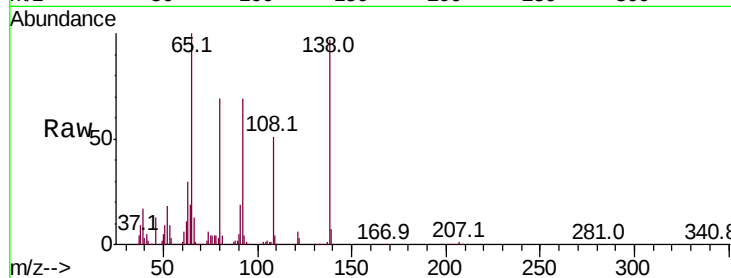
Tot Ion: 65 Resp: 329235

Ion Ratio Lower Upper

65 100

92 68.8 59.1 88.7

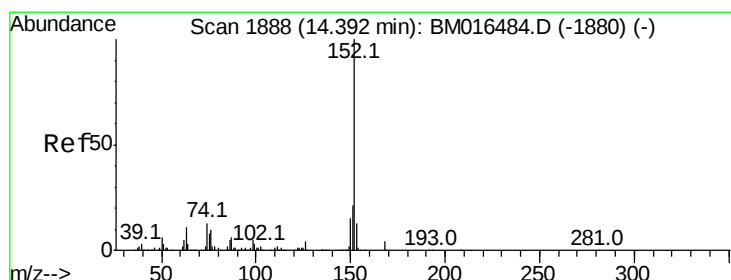
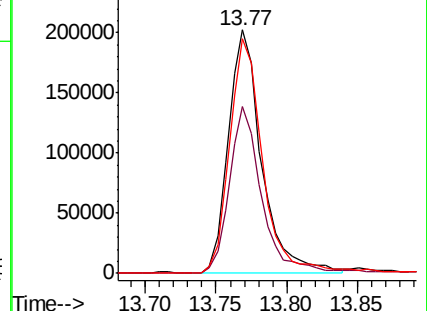
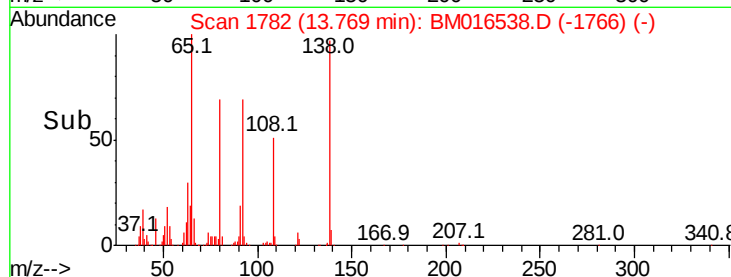
138 96.5 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM016538.D (-1766) (-)

Ion 92.00 (91.70 to 92.70): BM016538.D (-1766) (-)

Ion 138.00 (137.70 to 138.70): BM016538.D (-1766) (-)



#48

Acenaphthylene

Concen: 20.598 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

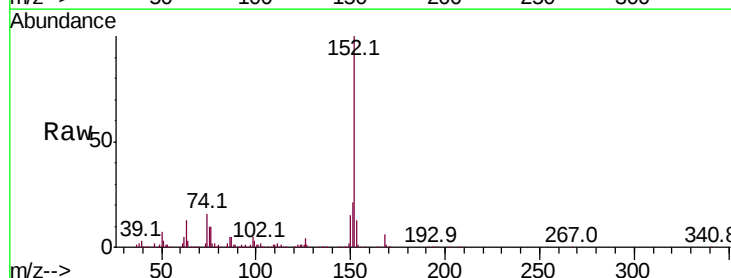
Tgt Ion:152 Resp: 2091796

Ion Ratio Lower Upper

152 100

151 21.4 15.9 23.9

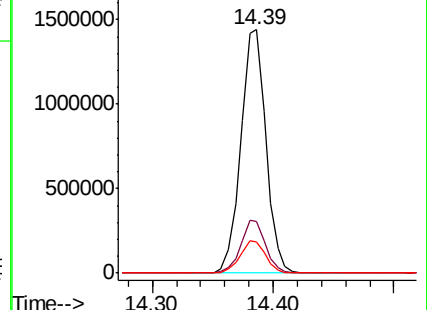
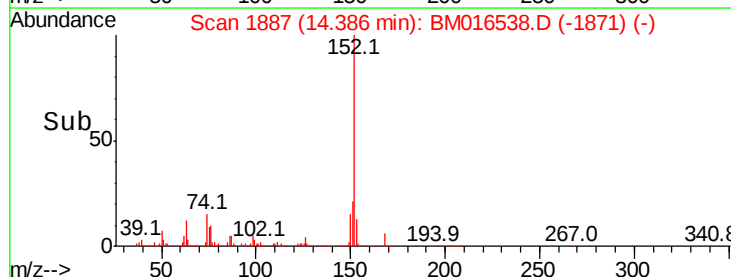
153 12.7 10.6 16.0

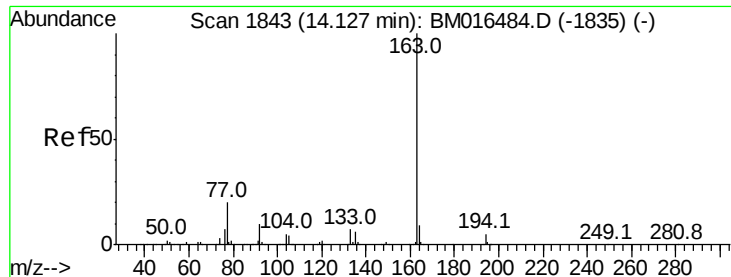


Abundance Ion 152.00 (151.70 to 152.70): BM016538.D (-1871) (-)

Ion 151.00 (150.70 to 151.70): BM016538.D (-1871) (-)

Ion 153.00 (152.70 to 153.70): BM016538.D (-1871) (-)

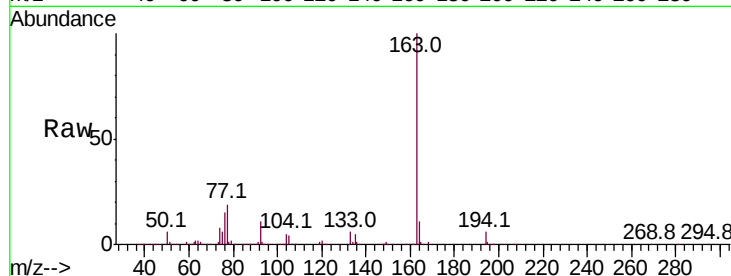




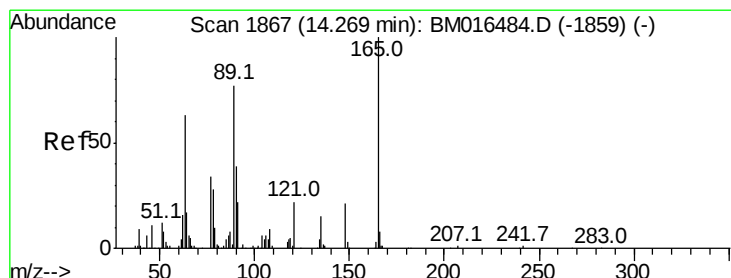
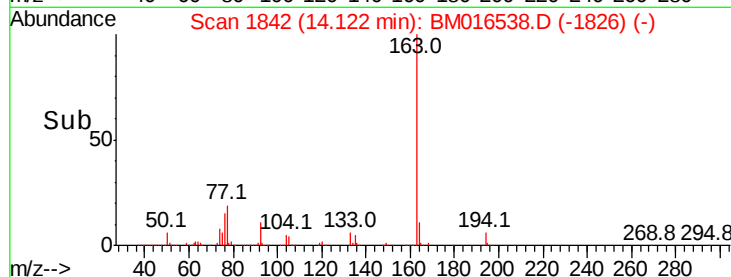
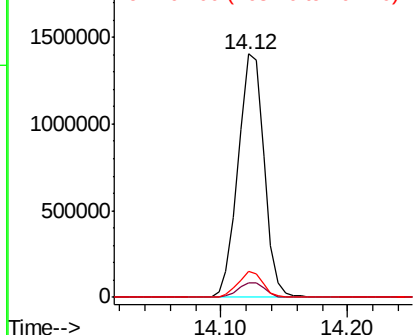
#49
Dimethylphthalate
Concen: 20.518 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1990751
Ion Ratio Lower Upper
163 100
194 6.1 2.7 4.1#
164 10.8 8.2 12.2

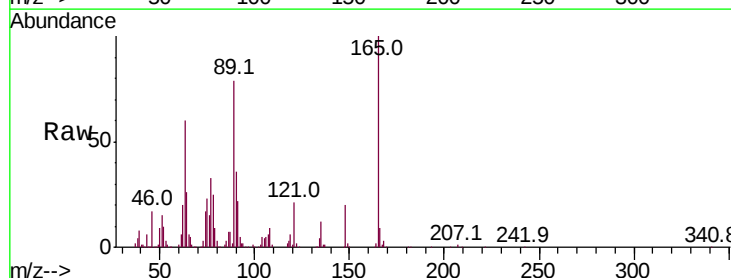


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

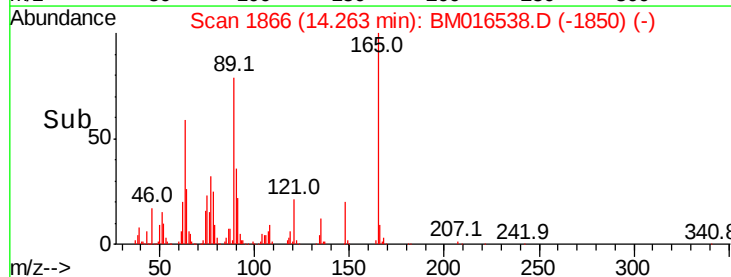
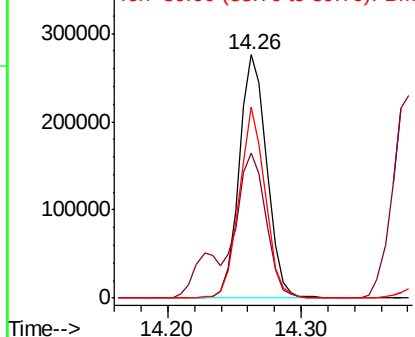


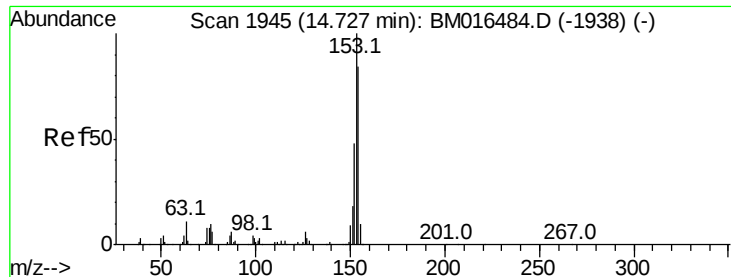
#50
2,6-Dinitrotoluene
Concen: 20.730 ng
RT: 14.26 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion:165 Resp: 392305
Ion Ratio Lower Upper
165 100
63 59.5 44.1 66.1
89 78.6 44.3 66.5#



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





#51

Acenaphthene

Concen: 19.851 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

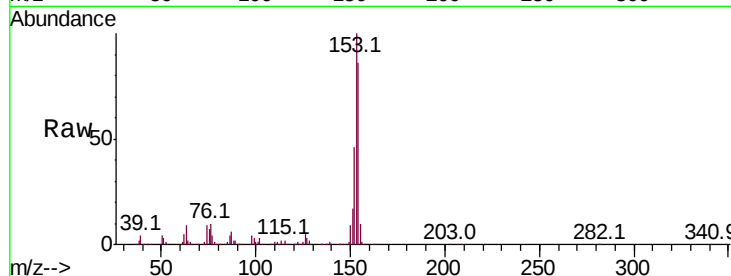
Tot Ion:154 Resp: 1238479

Ion	Ratio	Lower	Upper
154	100		
153	116.2	90.0	135.0
152	53.5	42.6	63.8

154 100

153 116.2 90.0 135.0

152 53.5 42.6 63.8

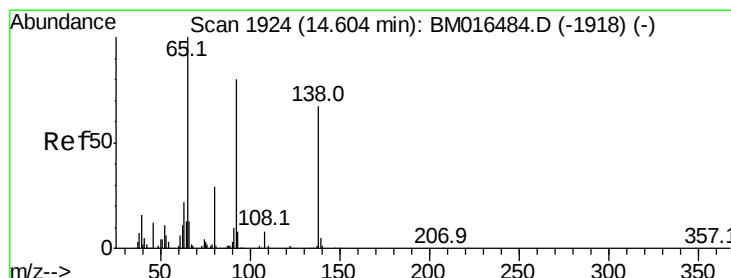
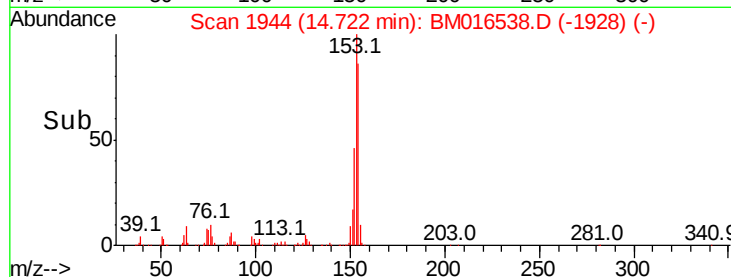
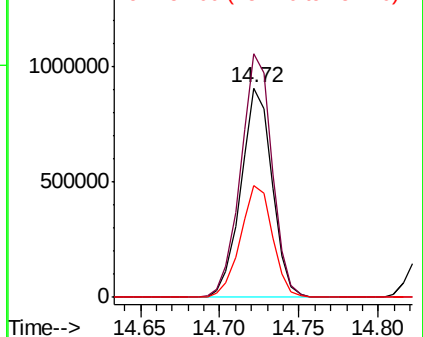


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.226 ng

RT: 14.60 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

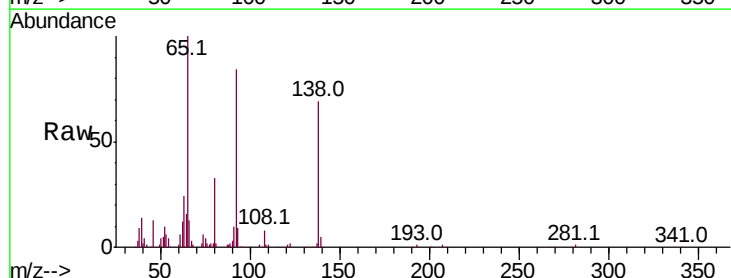
Tgt Ion:138 Resp: 141653

Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.3	10.9
92	121.4	76.6	114.8#

138 100

108 10.9 7.3 10.9

92 121.4 76.6 114.8#

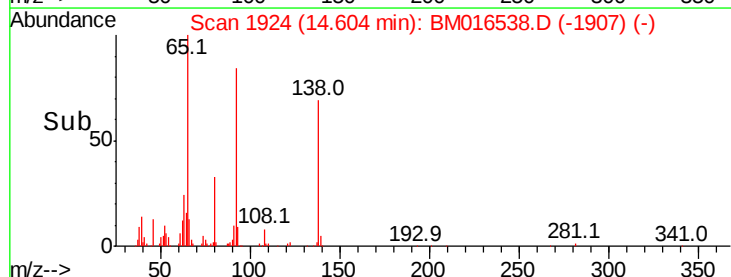
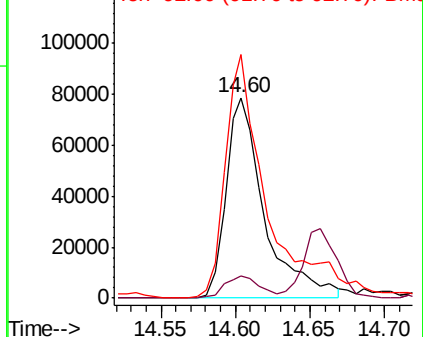


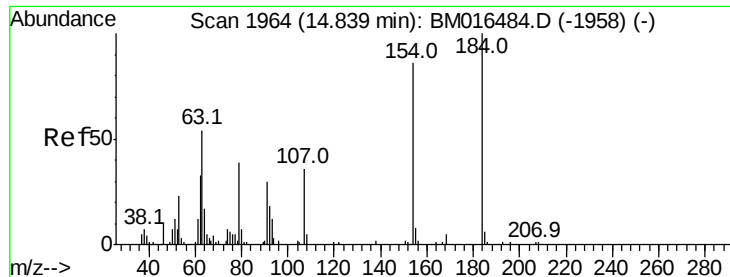
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

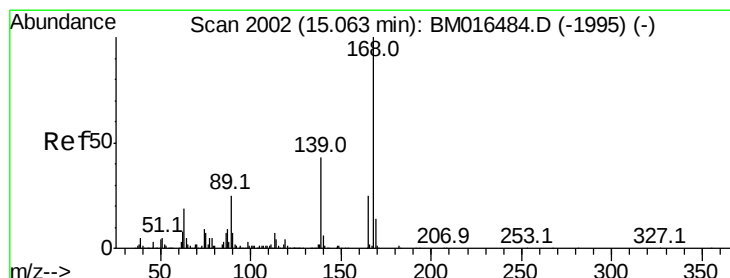
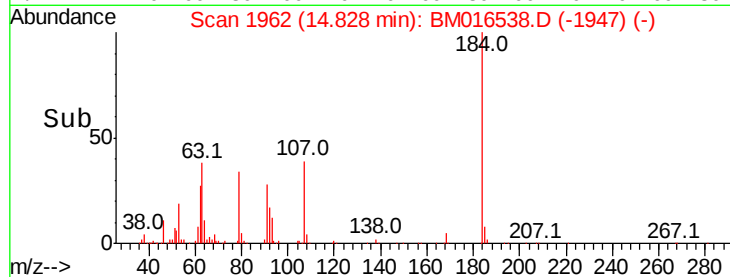
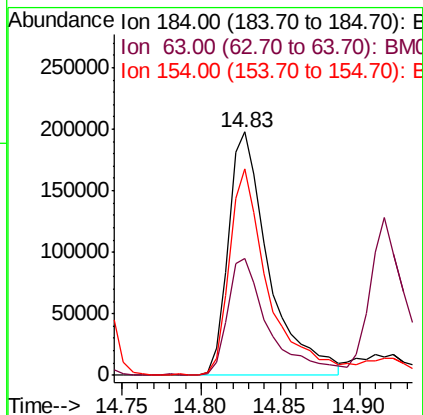
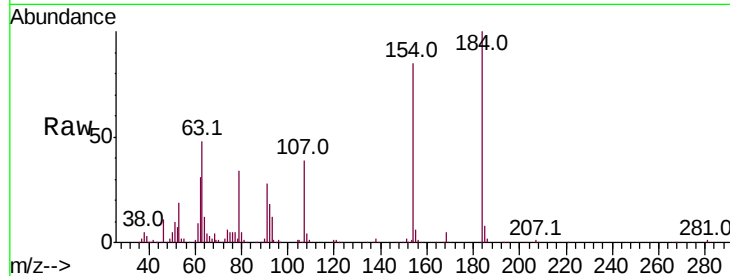




#53
2,4-Dinitrophenol
Concen: 36.975 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

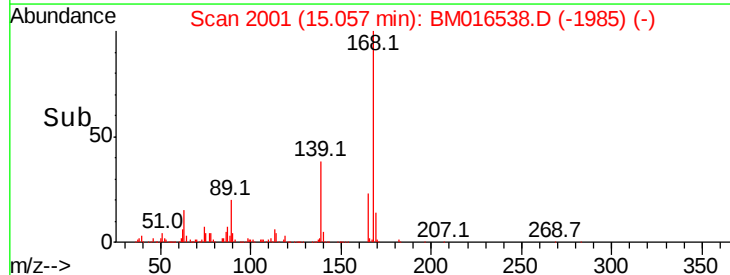
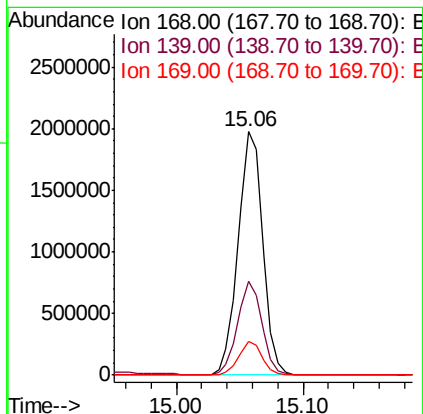
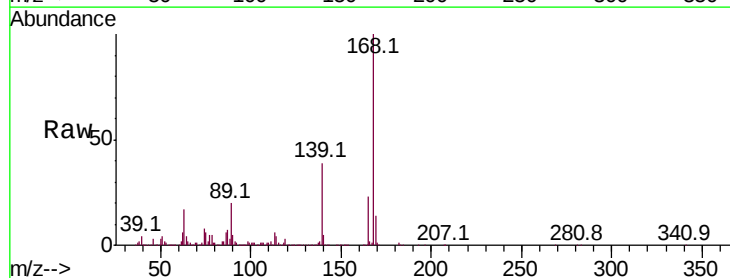
Instrument :
BNA_F
ClientSampled :

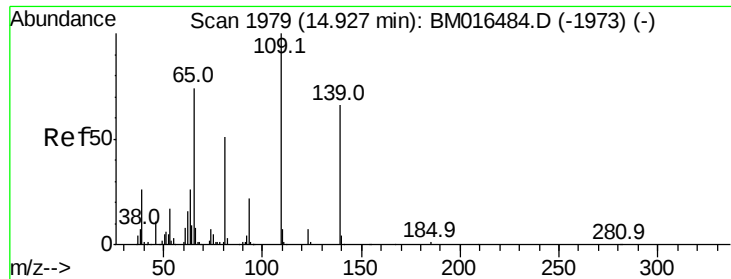
Tot Ion:184 Resp: 350172
Ion Ratio Lower Upper
184 100
63 48.1 69.2 103.8#
154 84.9 53.3 79.9#



#54
Dibenzofuran
Concen: 22.119 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion:168 Resp: 2641817
Ion Ratio Lower Upper
168 100
139 38.8 27.3 40.9
169 14.1 10.6 16.0

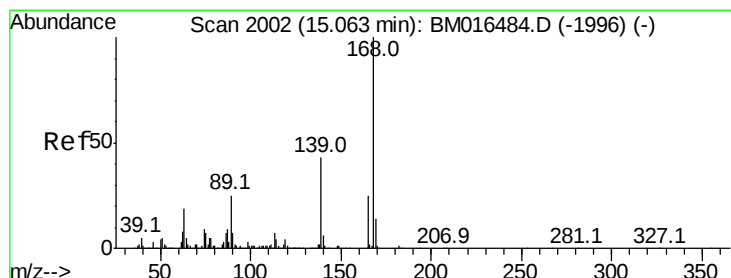
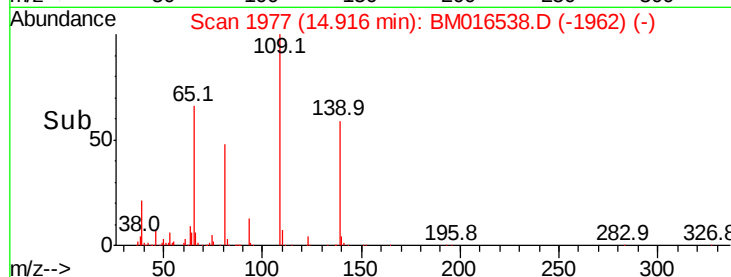
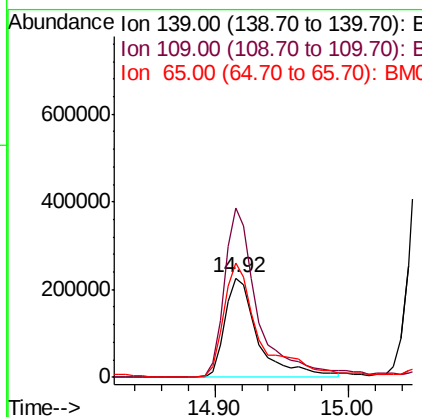
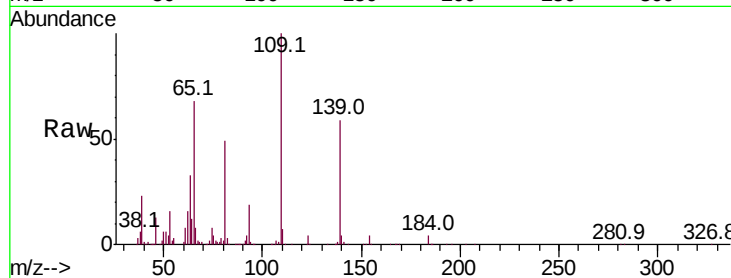




#55
4-Nitrophenol
Concen: 36.374 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

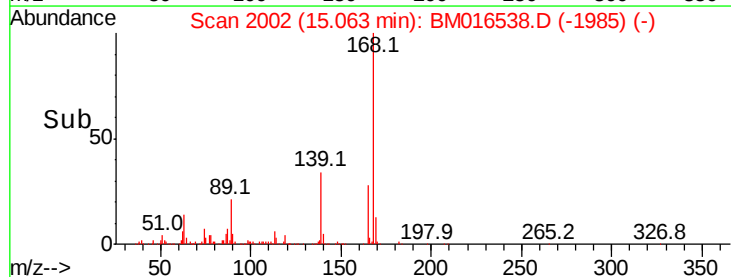
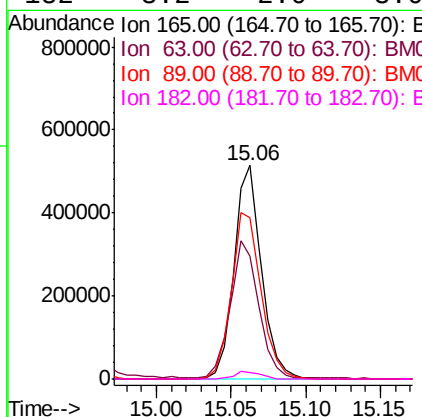
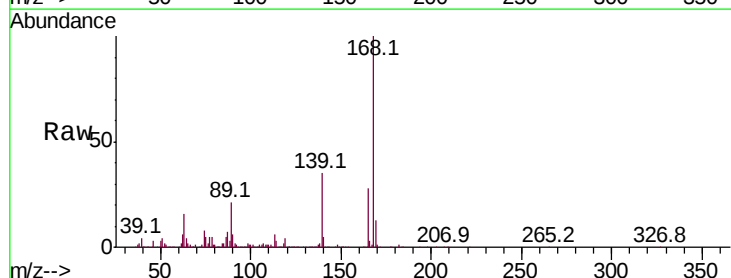
Instrument :
BNA_F
ClientSampleId :

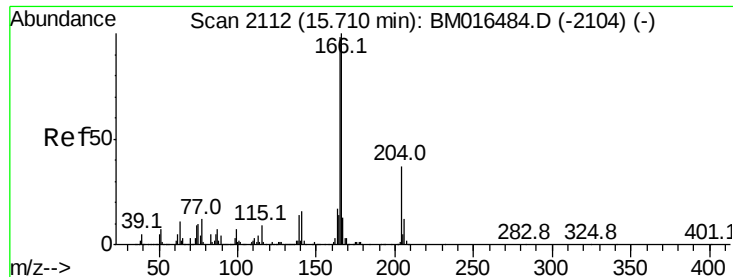
Tot Ion:139 Resp: 399491
Ion Ratio Lower Upper
139 100
109 170.6 130.0 170.0#
65 115.4 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 20.838 ng
RT: 15.06 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion:165 Resp: 657599
Ion Ratio Lower Upper
165 100
63 57.3 52.4 78.6
89 75.3 72.4 108.6
182 3.2 2.0 3.0#

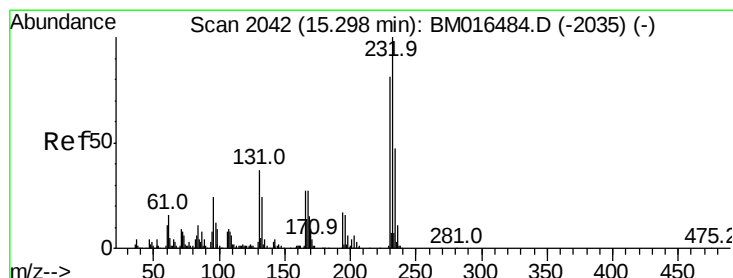
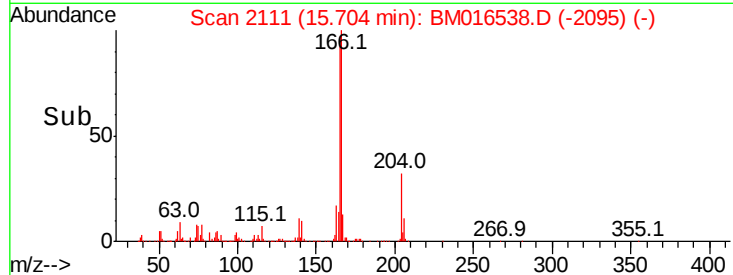
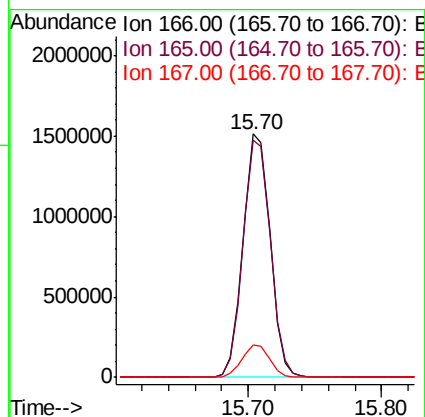
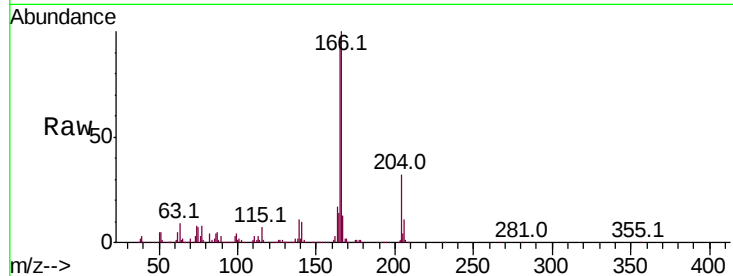




#57
 Fluorene
 Concen: 23.498 ng
 RT: 15.70 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

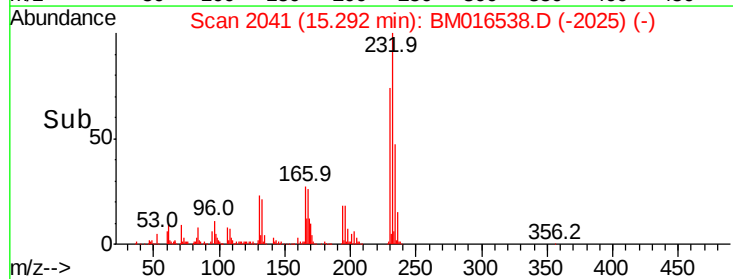
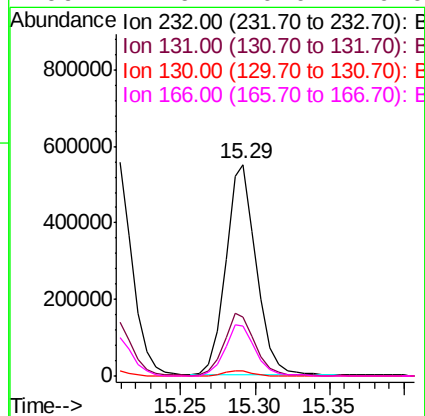
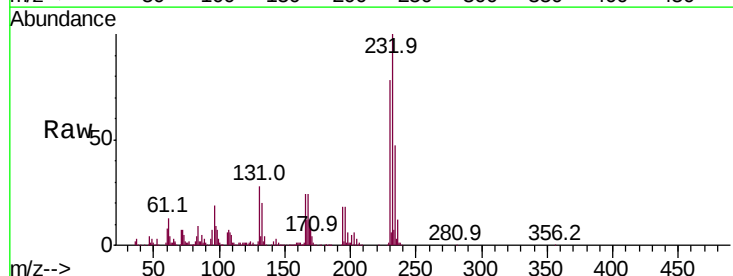
Instrument :
 BNA_F
 ClientSampleId :

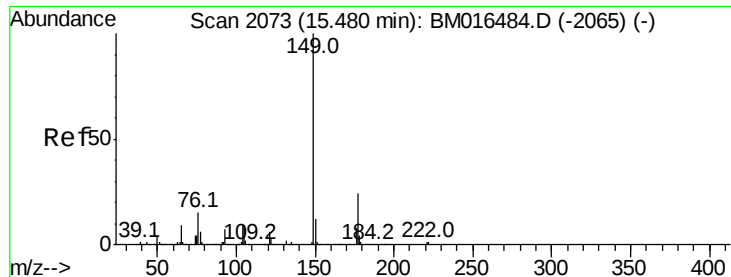
Tot Ion:166 Resp: 2120106
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.0 118.4
 167 13.5 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.304 ng
 RT: 15.29 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion:232 Resp: 778264
 Ion Ratio Lower Upper
 232 100
 131 29.7 0.0 0.0#
 130 2.3 0.0 0.0#
 166 24.6 0.0 0.0#

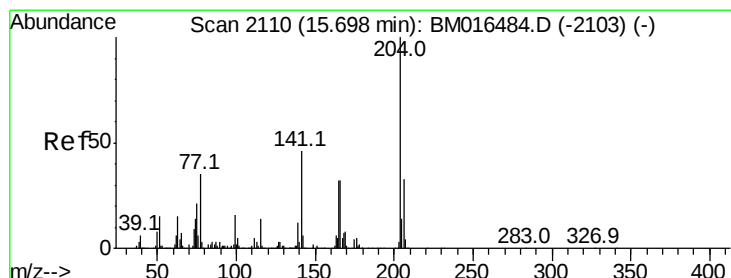
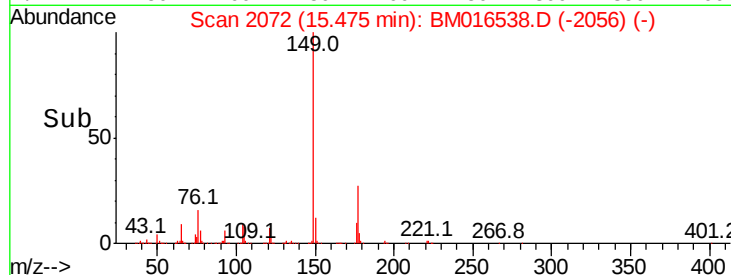
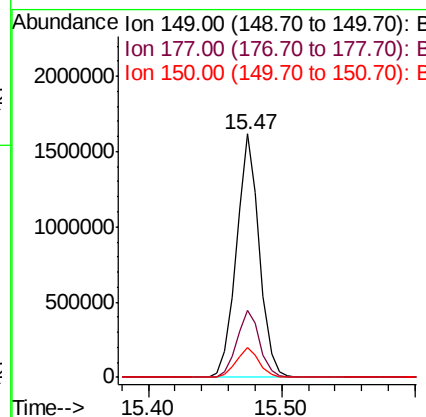
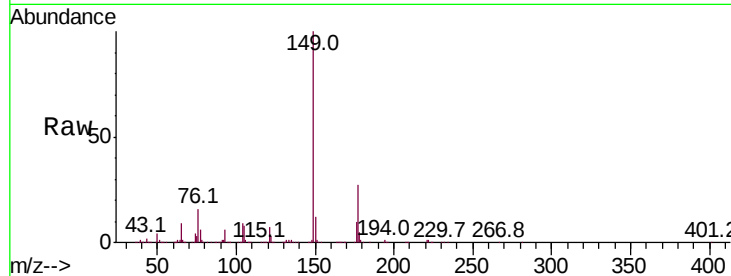




#59
Diethylphthalate
Concen: 19.011 ng
RT: 15.47 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

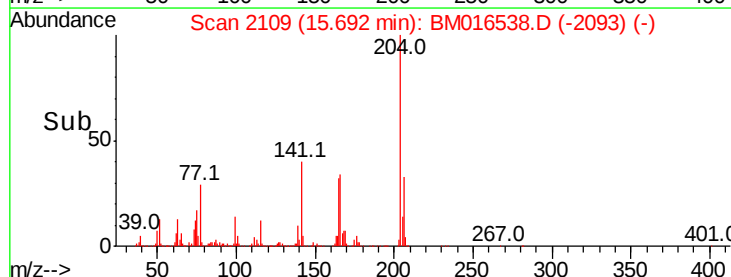
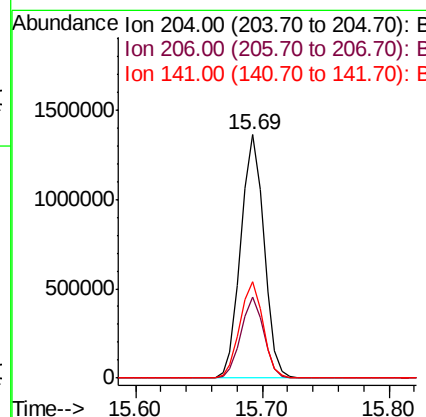
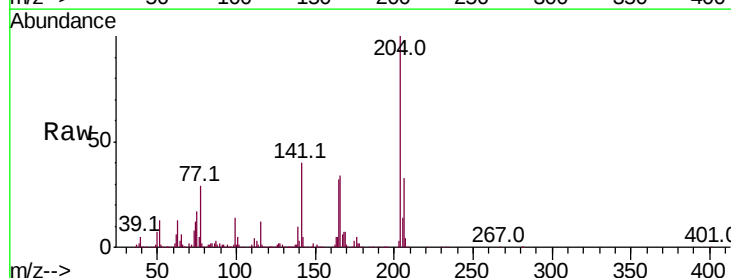
Instrument :
BNA_F
ClientSampleId :

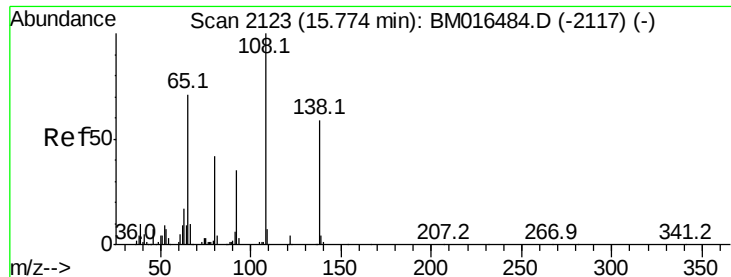
Tot Ion:149 Resp: 1923291
Ion Ratio Lower Upper
149 100
177 27.3 18.3 27.5
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 22.733 ng
RT: 15.69 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion:204 Resp: 1720023
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 39.5 45.2 67.8#

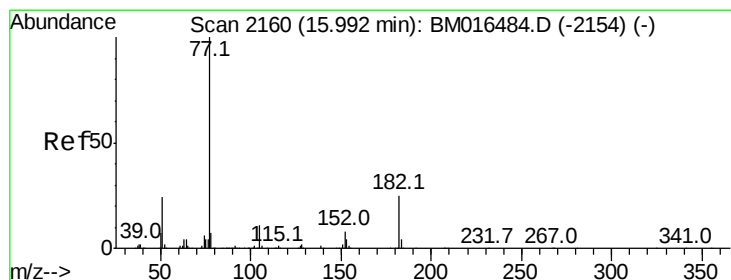
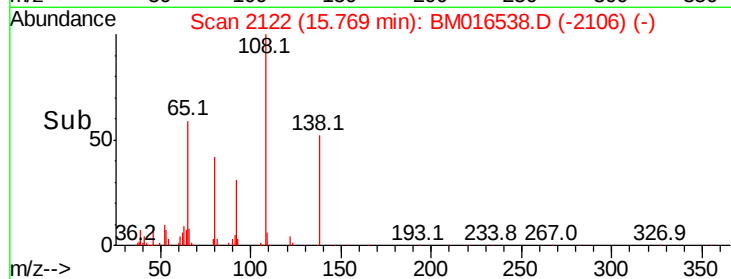
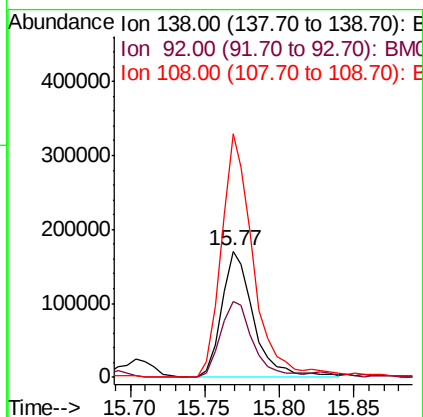
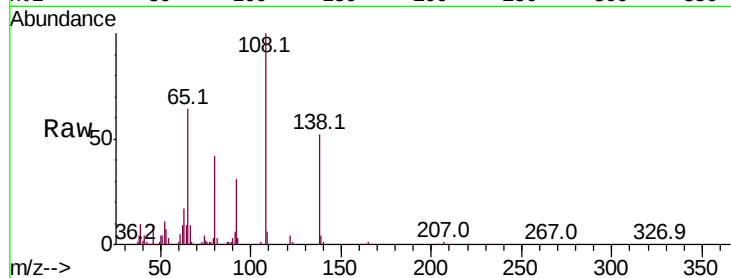




#61
4-Nitroaniline
Concen: 15.207 ng
RT: 15.77 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

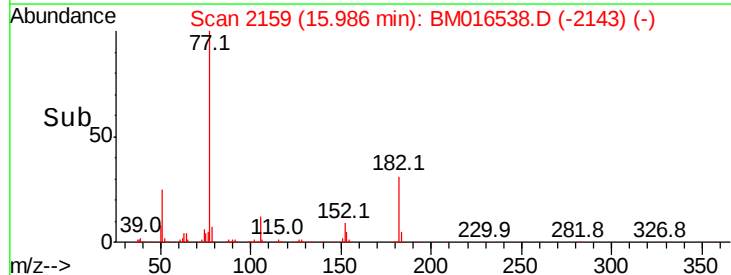
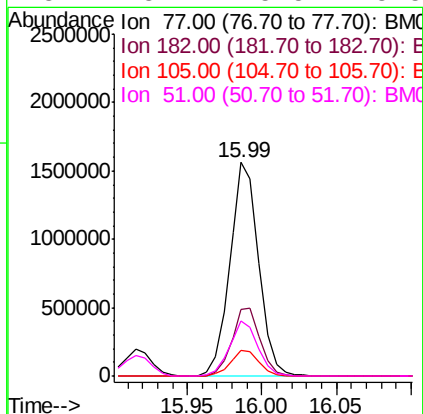
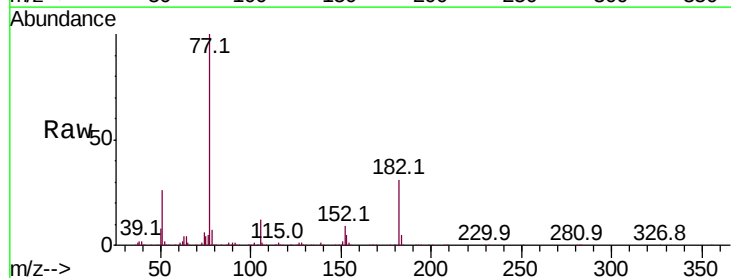
Instrument :
BNA_F
ClientSampled :

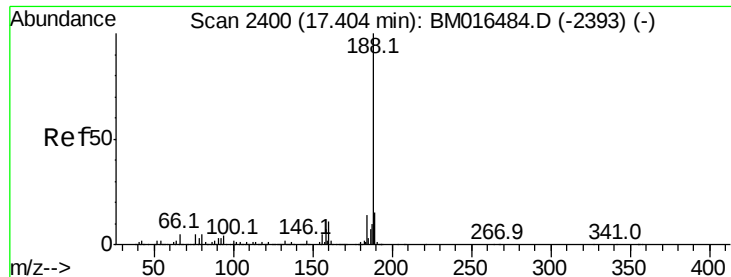
Tot Ion:138 Resp: 255921
Ion Ratio Lower Upper
138 100
92 60.6 16.7 56.7#
108 192.9 37.6 77.6#



#62
Azobenzene
Concen: 19.309 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion: 77 Resp: 2080651
Ion Ratio Lower Upper
77 100
182 31.3 6.5 46.5
105 12.2 3.8 43.8
51 25.7 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

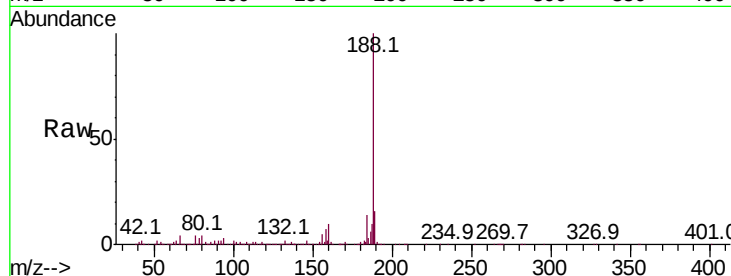
Tot Ion:188 Resp: 3236379

Ion Ratio Lower Upper

188 100

94 2.9 8.7 13.1#

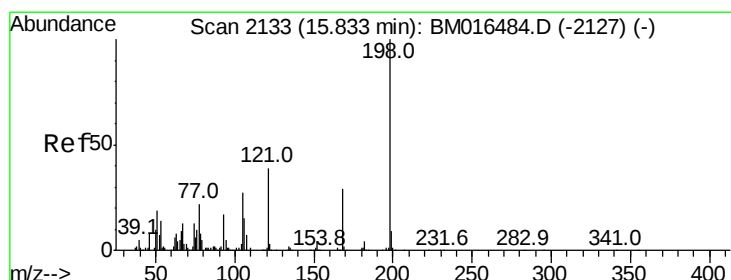
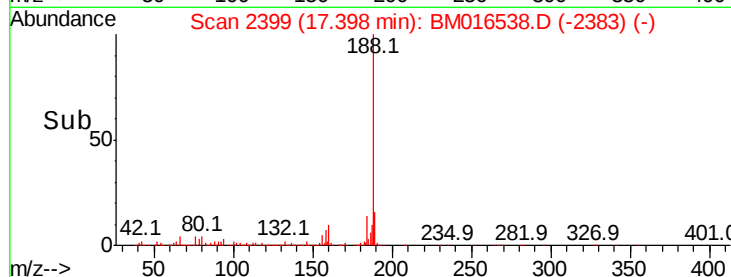
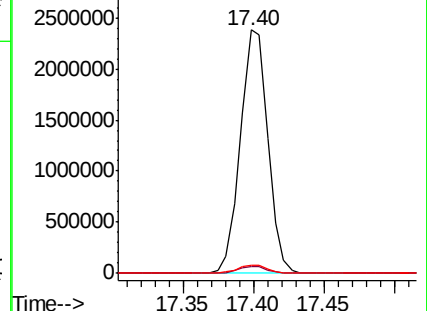
80 3.6 9.3 13.9#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 15.495 ng

RT: 15.83 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

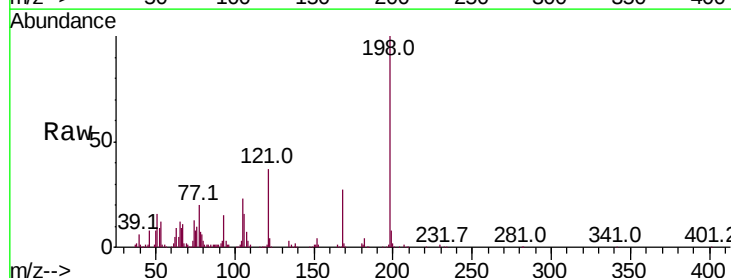
Tgt Ion:198 Resp: 381038

Ion Ratio Lower Upper

198 100

51 16.2 28.8 68.8#

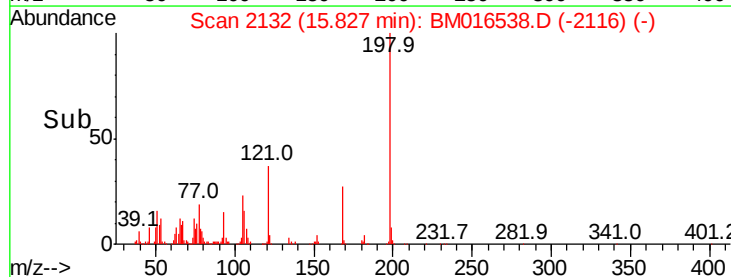
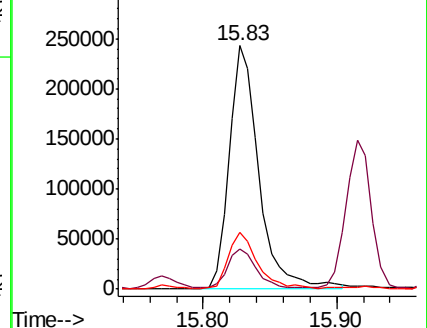
105 23.4 30.5 70.5#

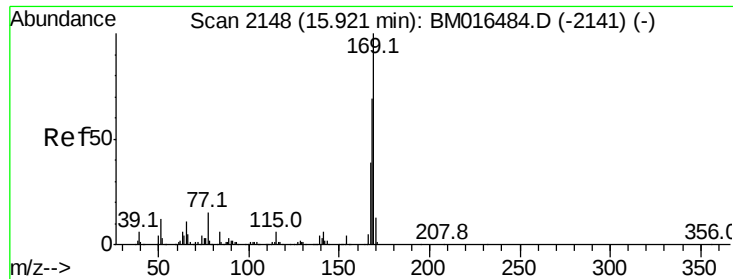


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



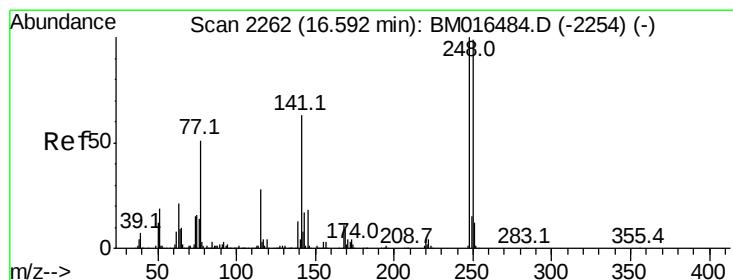
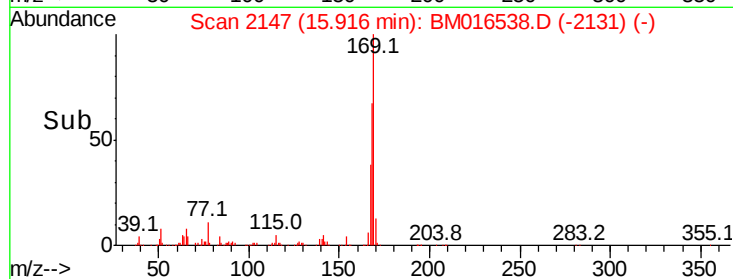
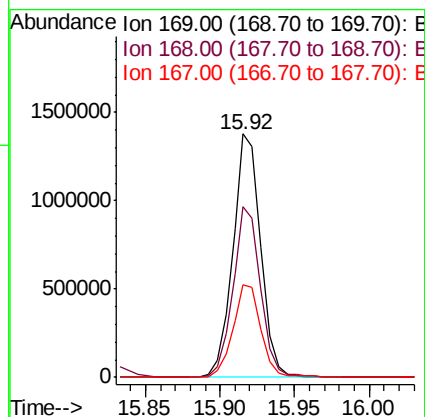
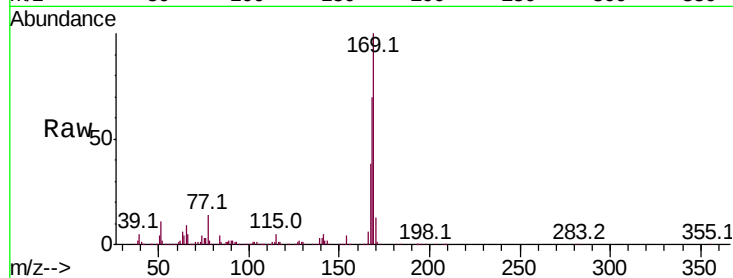


#65
 n-Nitrosodiphenylamine
 Concen: 19.663 ng
 RT: 15.92 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1790230

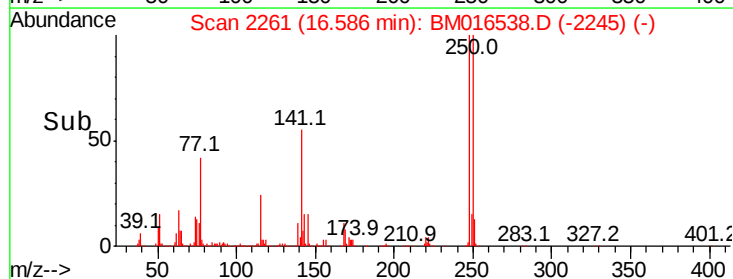
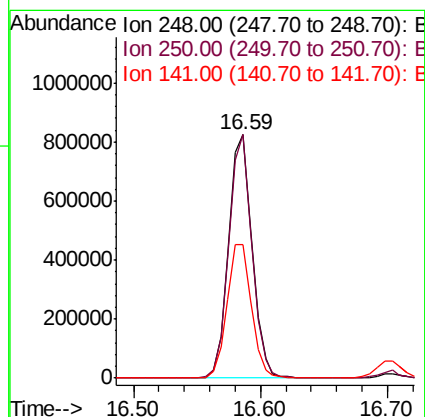
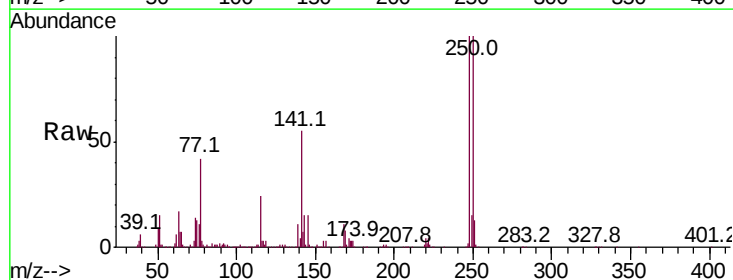
Ion	Ratio	Lower	Upper
169	100		
168	70.3	53.9	80.9
167	38.2	28.9	43.3

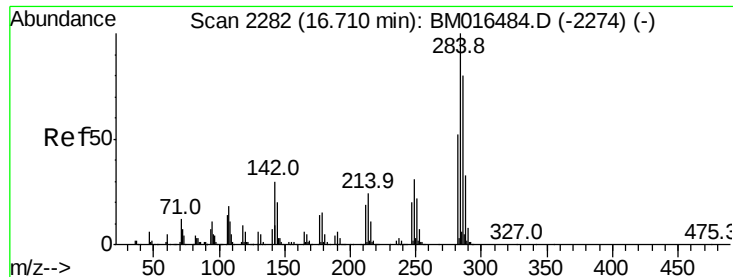


#66
 4-Bromophenyl-phenylether
 Concen: 21.190 ng
 RT: 16.59 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion:248 Resp: 1053748

Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.4	116.0
141	54.7	45.2	67.8





#67

Hexachlorobenzene

Concen: 20.862 ng

RT: 16.70 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

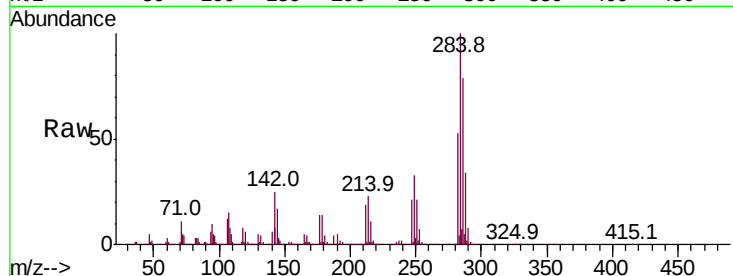
Tot Ion:284 Resp: 1209813

Ion Ratio Lower Upper

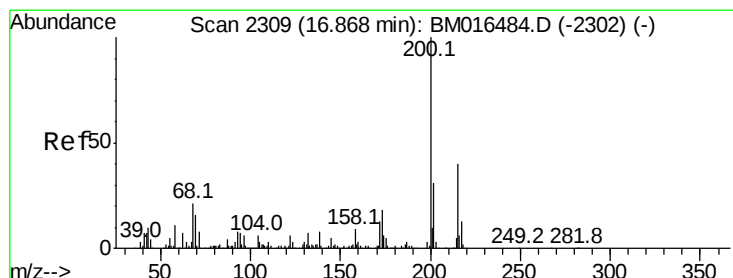
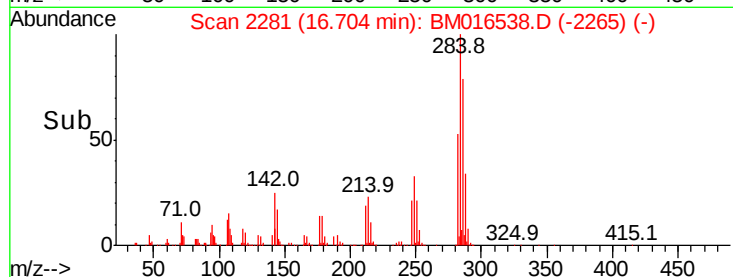
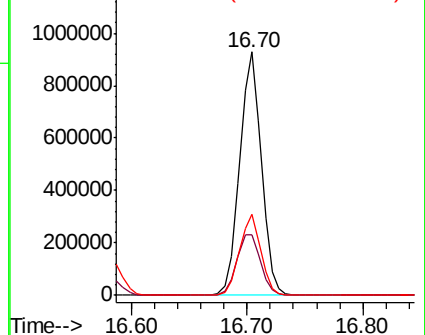
284 100

142 25.1 20.4 30.6

249 33.3 23.8 35.6



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



#68

Atrazine

Concen: 23.549 ng

RT: 16.86 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

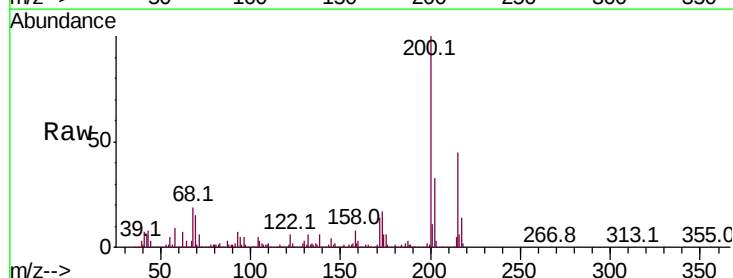
Tgt Ion:200 Resp: 978490

Ion Ratio Lower Upper

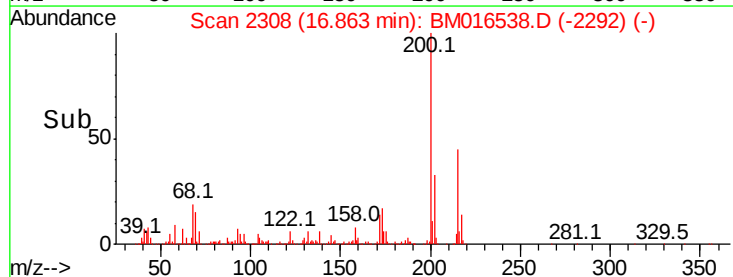
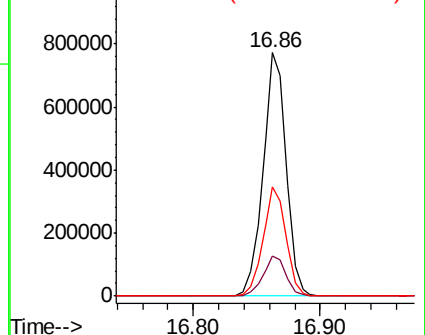
200 100

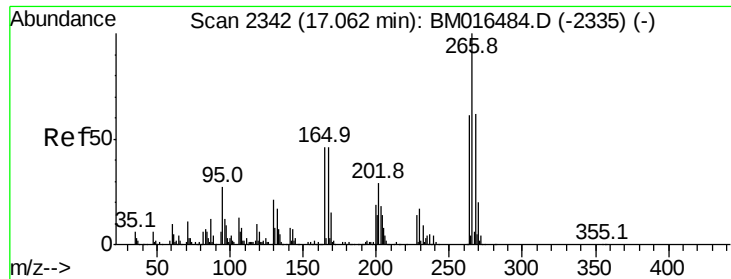
173 16.5 4.8 44.8

215 44.6 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

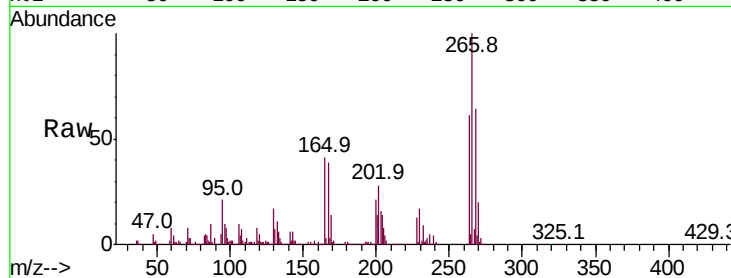




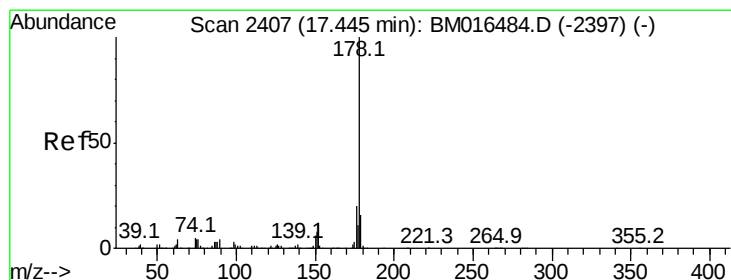
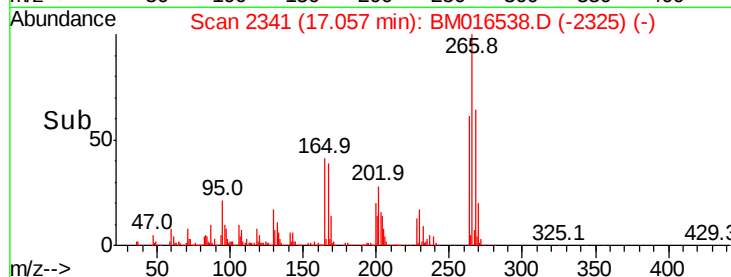
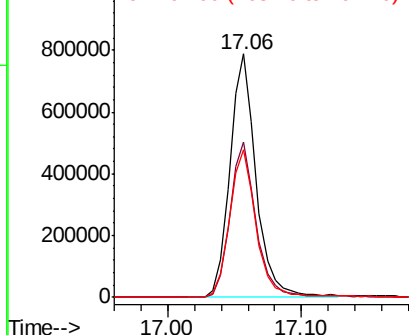
#69
 Pentachlorophenol
 Concen: 35.107 ng
 RT: 17.06 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 1077221
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.0 78.0
 264 60.9 49.0 73.4

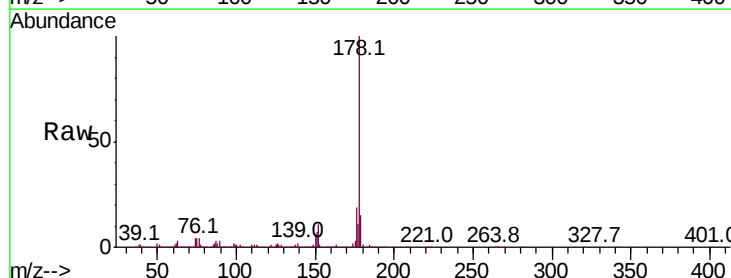


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

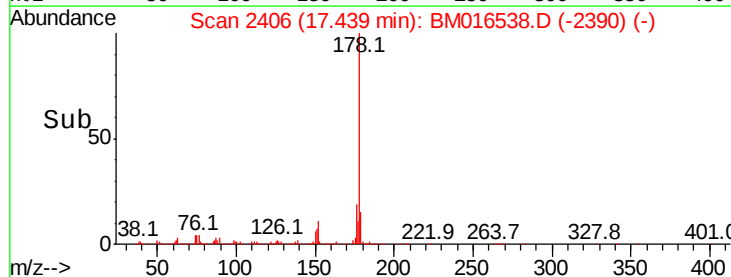
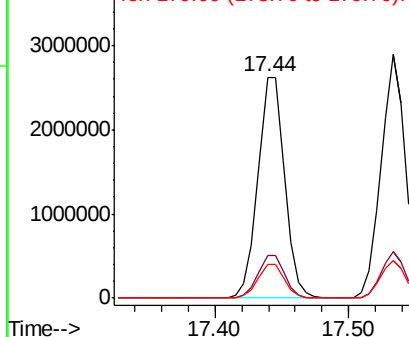


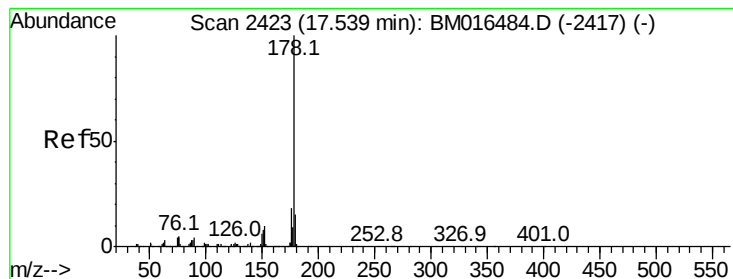
#70
 Phenanthrene
 Concen: 21.597 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion:178 Resp: 3612571
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.5 12.1 18.1



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





#71

Anthracene

Concen: 22.409 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

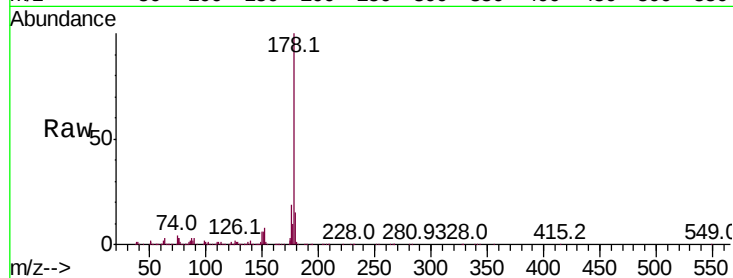
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 3722222

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.2	12.6	19.0

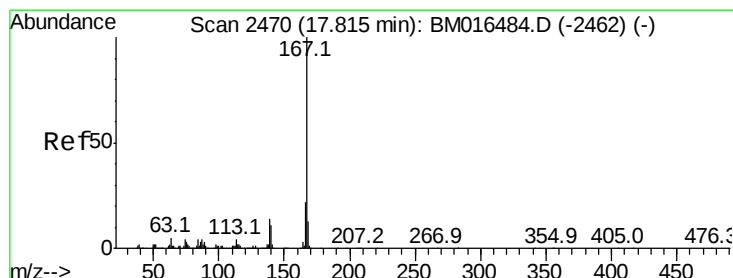
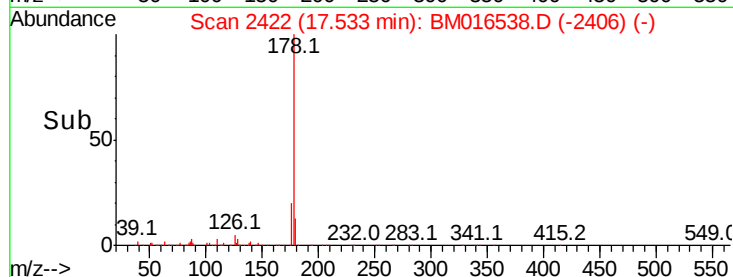
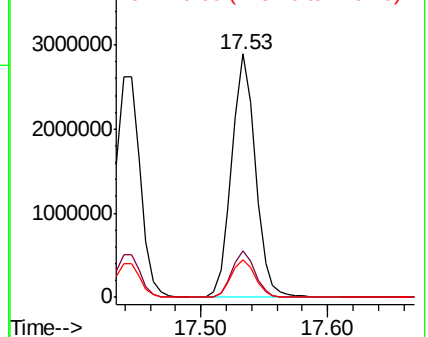


Abundance

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

Carbazole

Concen: 17.350 ng

RT: 17.81 min Scan# 2469

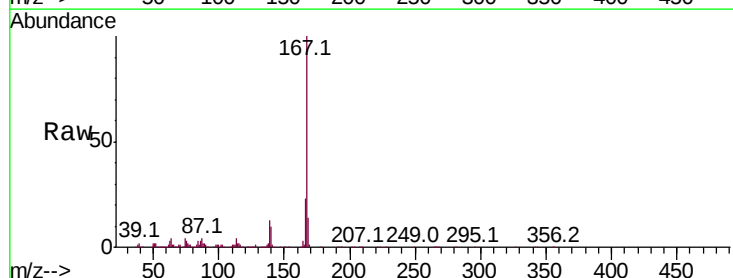
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:167 Resp: 2589924

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	12.7	10.8	16.2

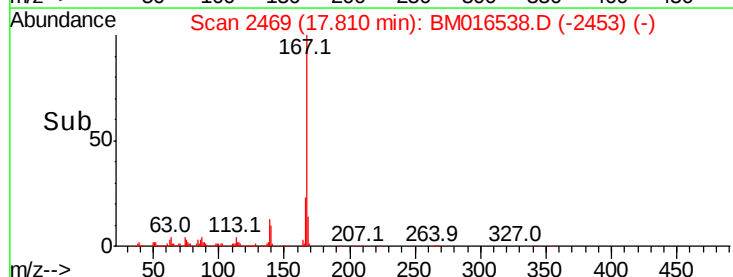
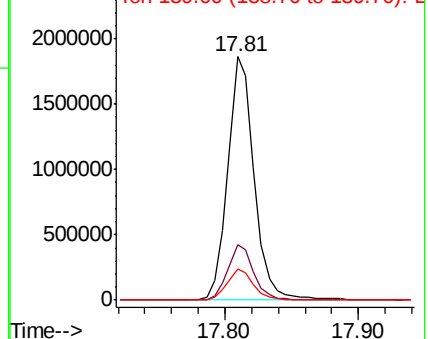


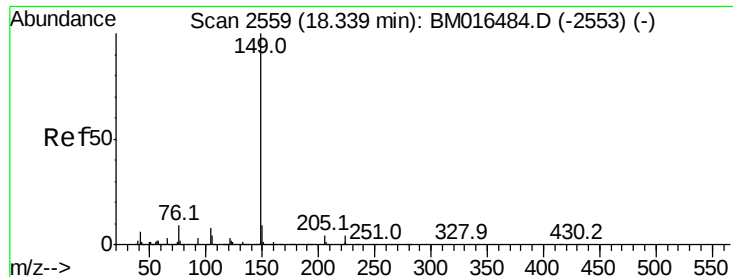
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

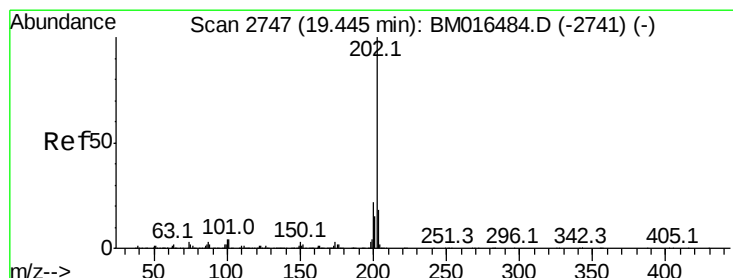
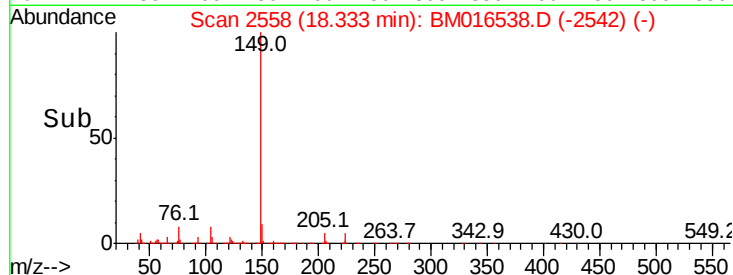
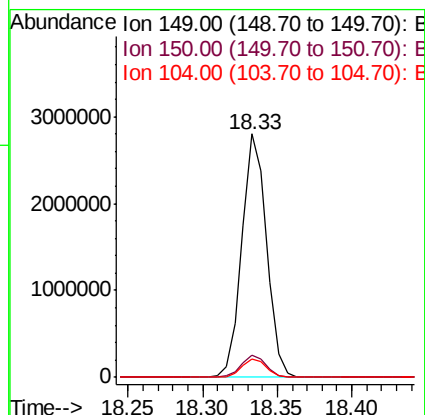
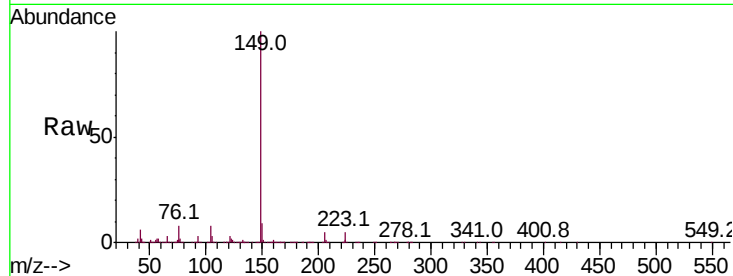




#73
Di-n-butylphthalate
Concen: 17.676 ng
RT: 18.33 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

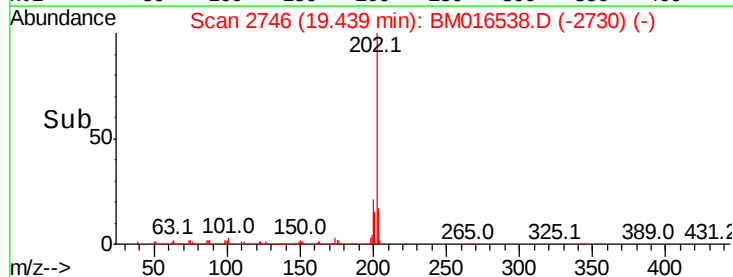
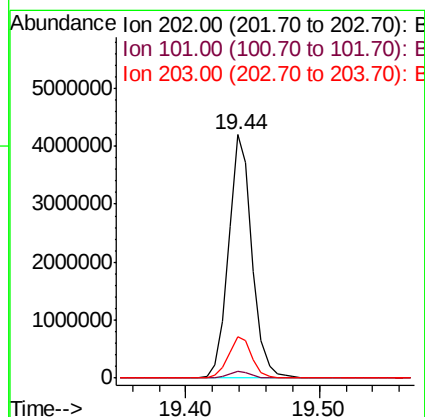
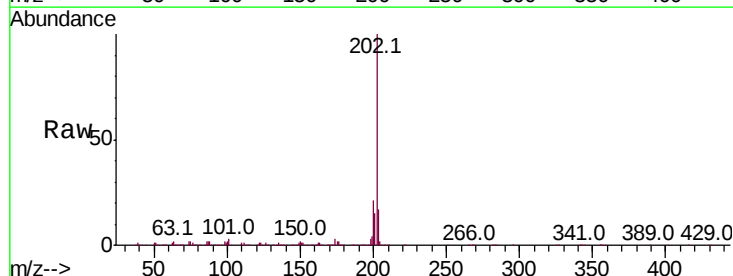
Instrument :
BNA_F
ClientSampleId :

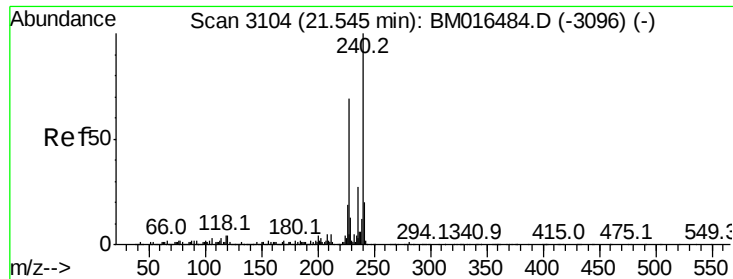
Tot Ion:149 Resp: 3216730
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 7.7 3.7 5.5#



#74
Fluoranthene
Concen: 21.024 ng
RT: 19.44 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion:202 Resp: 5156338
Ion Ratio Lower Upper
202 100
101 2.8 0.0 28.7
203 16.9 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampled :

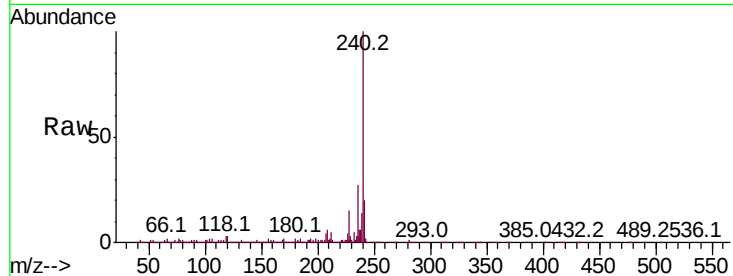
Tot Ion:240 Resp: 4080457

Ion Ratio Lower Upper

240 100

120 2.7 8.2 12.2#

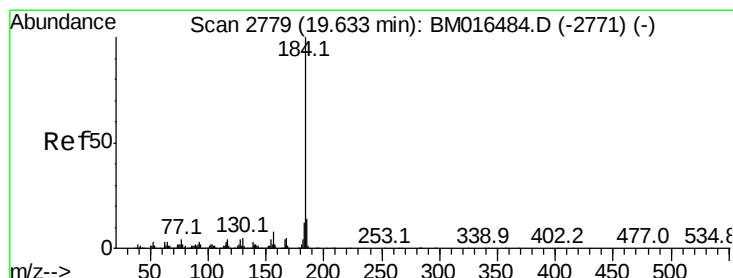
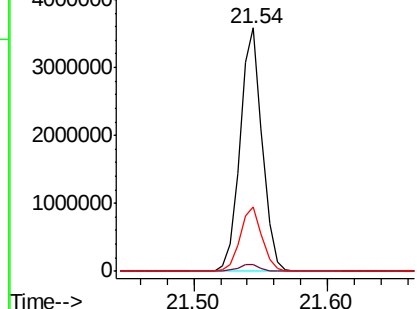
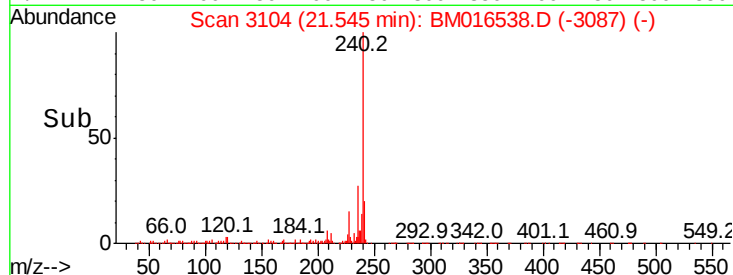
236 26.6 20.0 30.0



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



#76

Benzidine

Concen: 26.825 ng

RT: 19.63 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

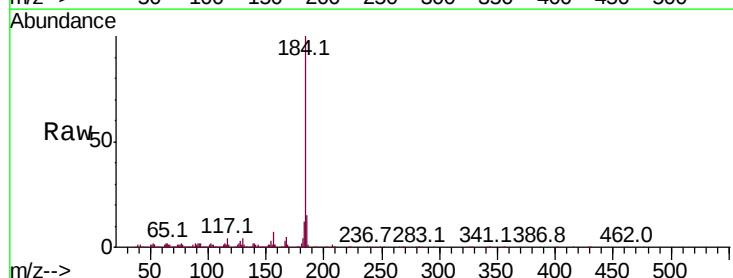
Tgt Ion:184 Resp: 2104980

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

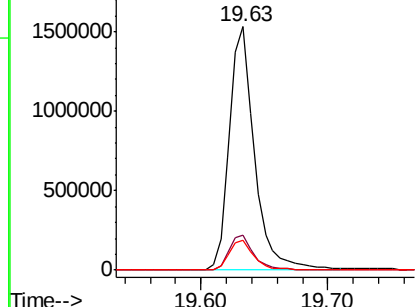
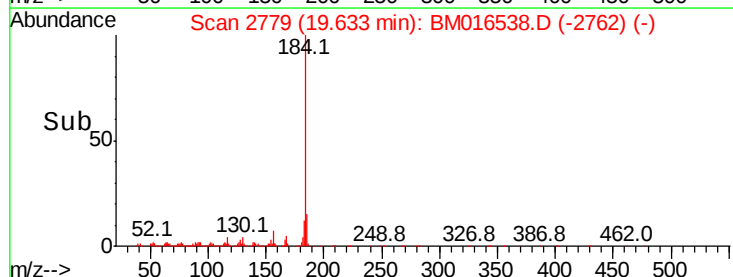
183 12.1 8.9 13.3

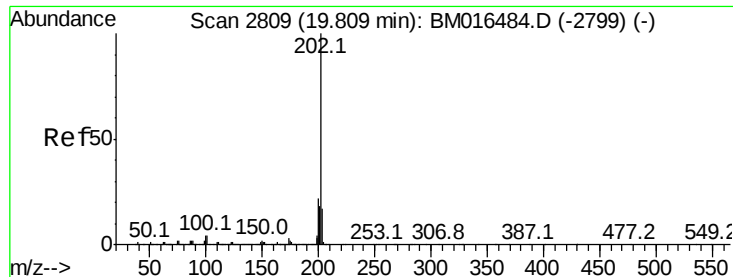


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 23.452 ng

RT: 19.80 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampled :

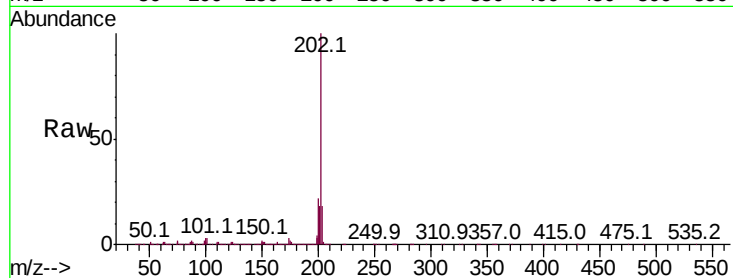
Tot Ion:202 Resp: 5200593

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.7	14.1	21.1

202 100

200 21.8 16.9 25.3

203 17.7 14.1 21.1

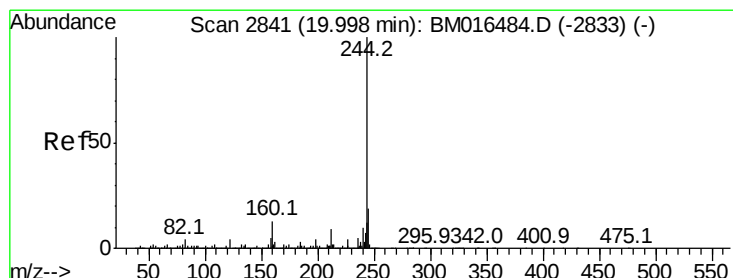
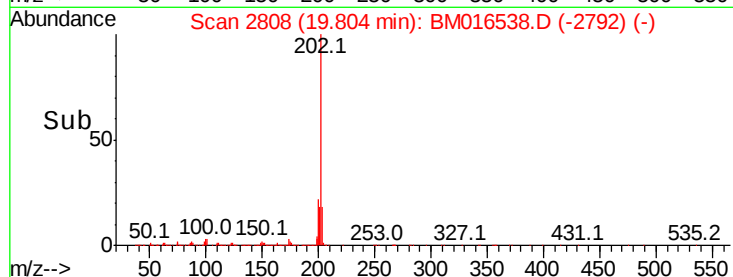
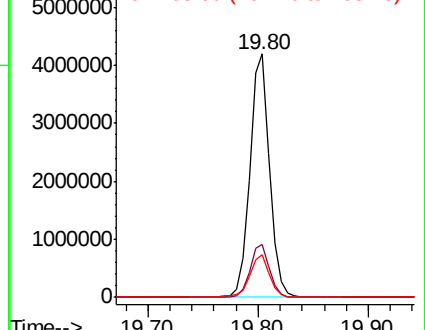


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 23.452 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

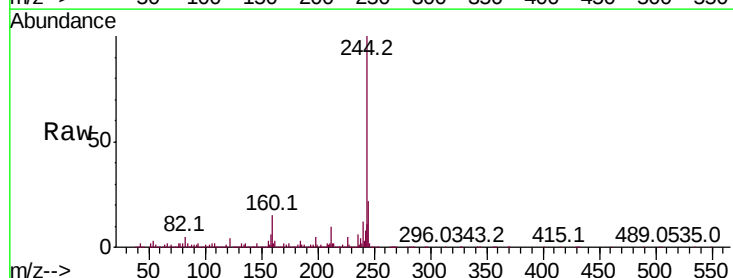
Tgt Ion:244 Resp:10276226

Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	4.5	6.2	9.4#

244 100

212 10.5 4.9 7.3#

122 4.5 6.2 9.4#

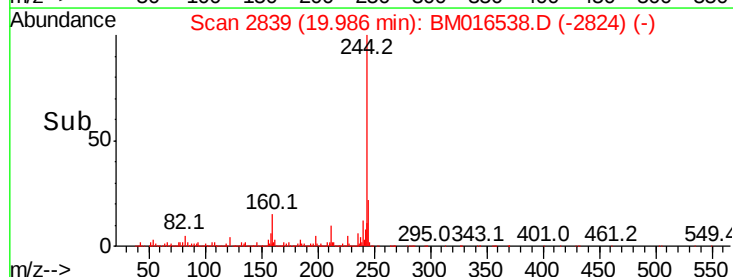
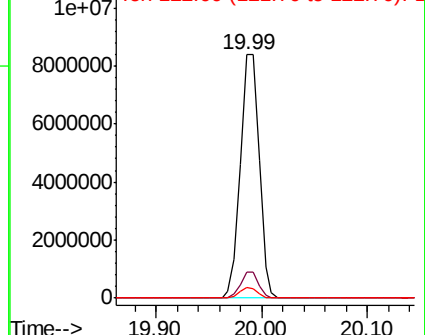


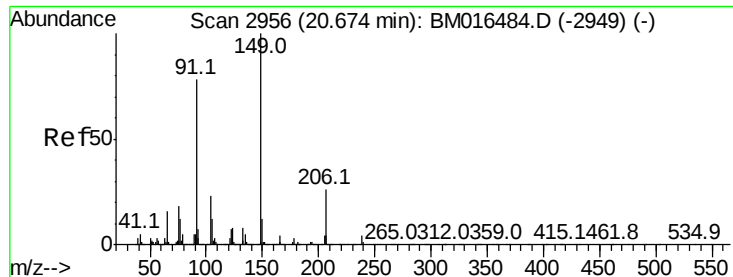
Abundance

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

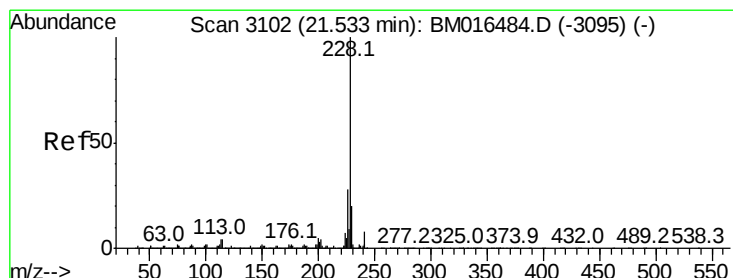
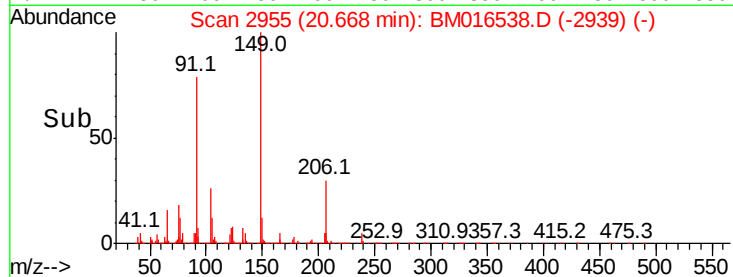
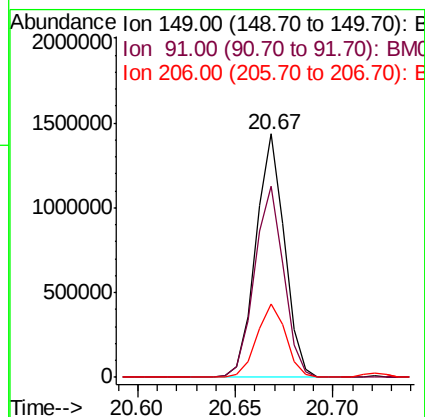
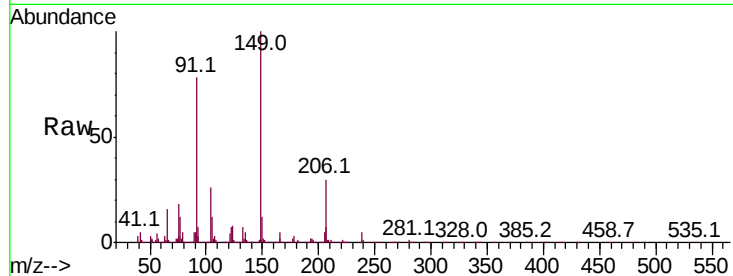




#79
Butylbenzylphthalate
Concen: 19.016 ng
RT: 20.67 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

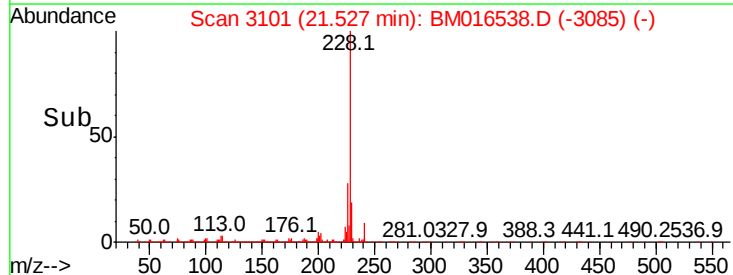
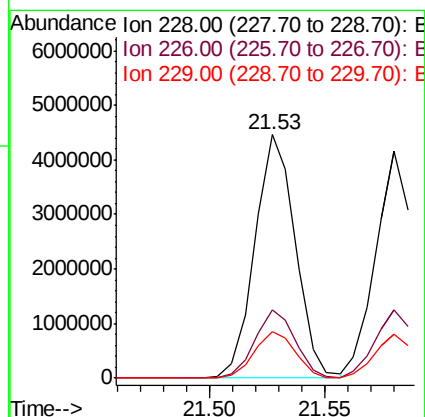
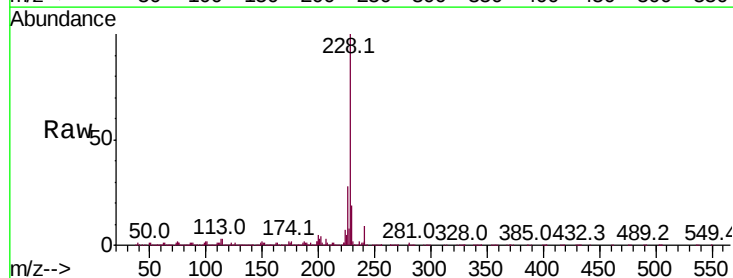
Instrument :
BNA_F
ClientSampleId :

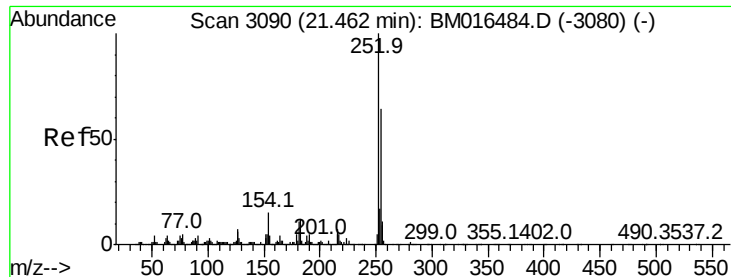
Tot Ion:149 Resp: 1455552
Ion Ratio Lower Upper
149 100
91 78.5 50.1 75.1#
206 30.3 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 22.720 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion:228 Resp: 5450533
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.3 16.0 24.0



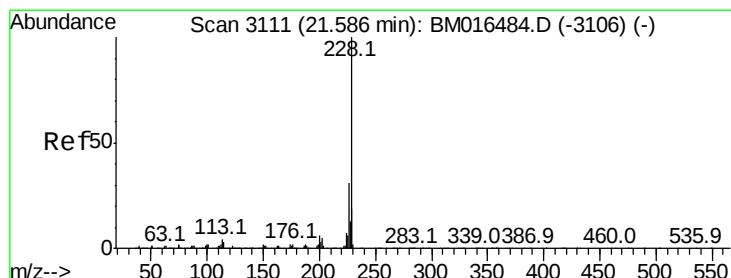
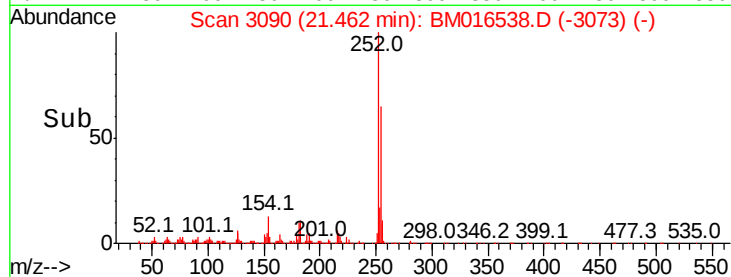
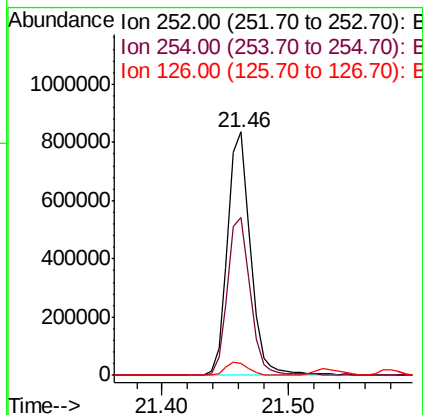
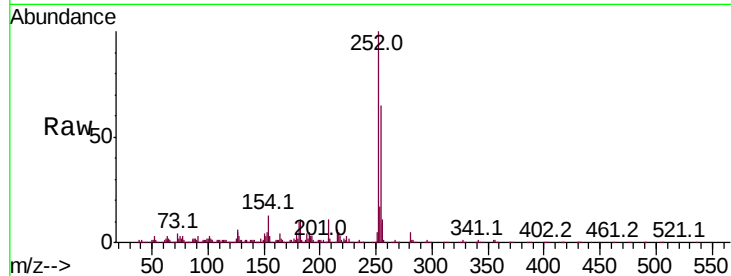


#81
 3,3'-Dichlorobenzidine
 Concen: 9.757 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 1041909

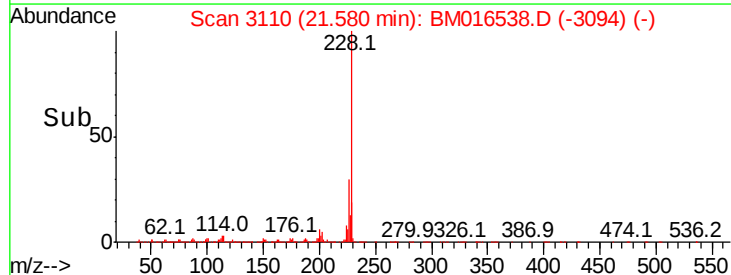
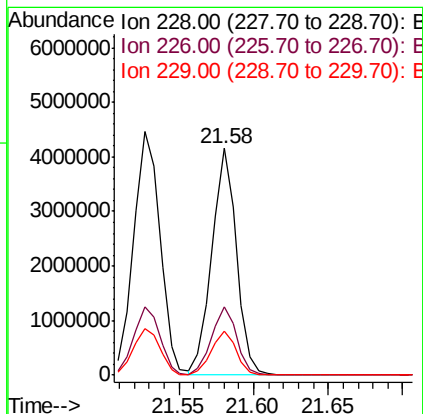
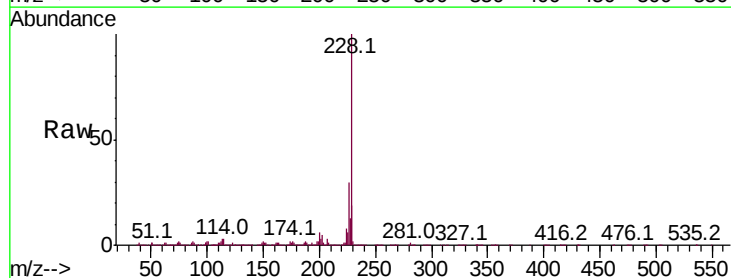
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	5.0	9.8	14.8#

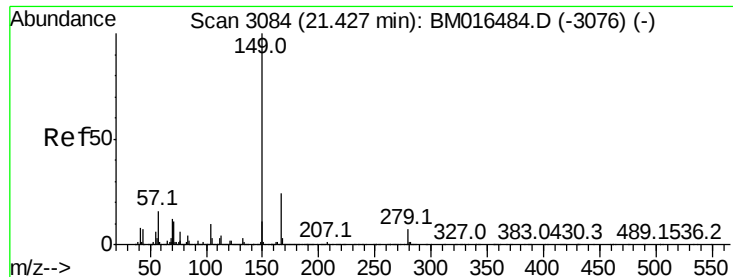


#82
 Chrysene
 Concen: 20.857 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion:228 Resp: 4774029

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 18.533 ng

RT: 21.42 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleID :

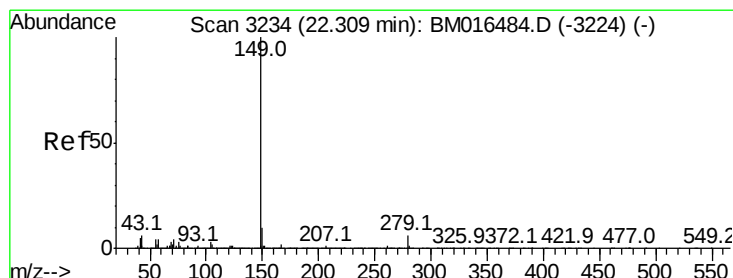
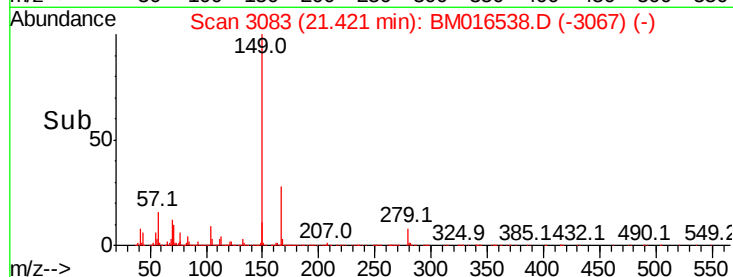
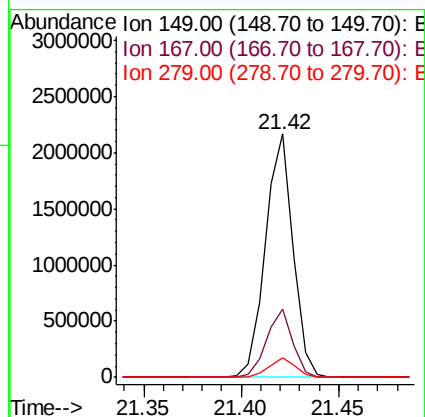
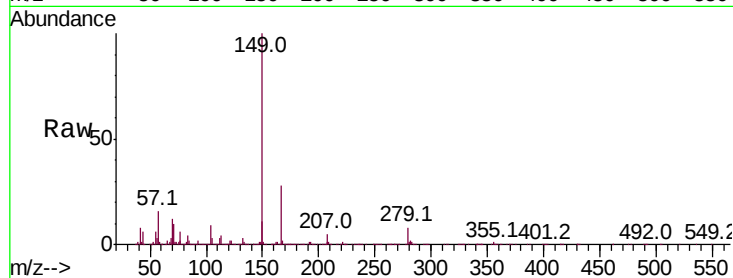
Tot Ion:149 Resp: 2108966

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	8.1	3.4	5.0

149 100

167 27.9 22.4 33.6

279 8.1 3.4 5.0



#84

Di-n-octyl phthalate

Concen: 18.055 ng

RT: 22.30 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

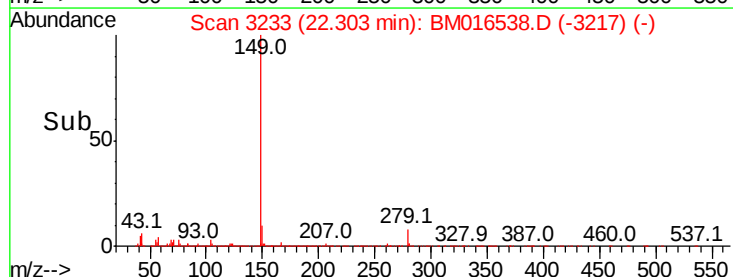
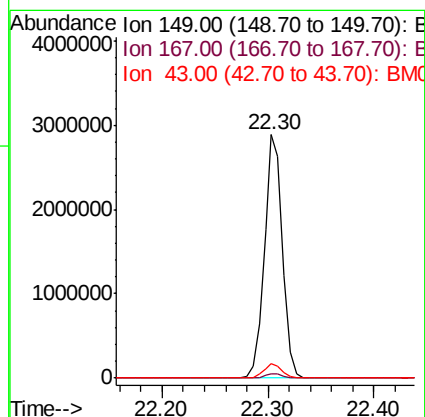
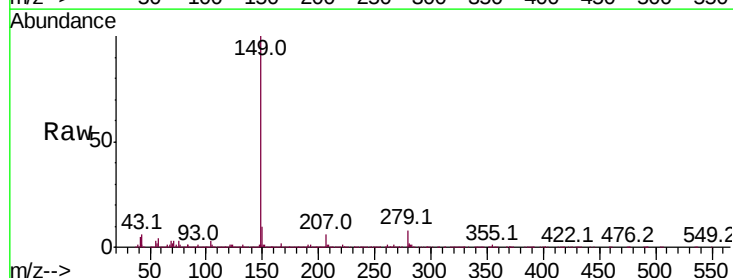
Tgt Ion:149 Resp: 3414211

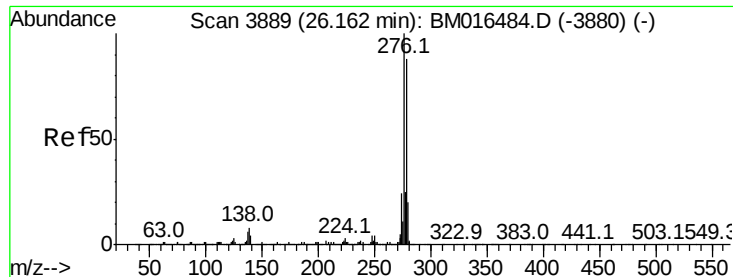
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	5.8	7.3	10.9

149 100

167 1.8 1.2 1.8

43 5.8 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 18.328 ng

RT: 26.15 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

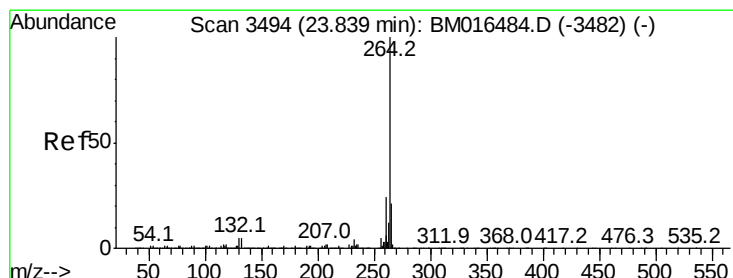
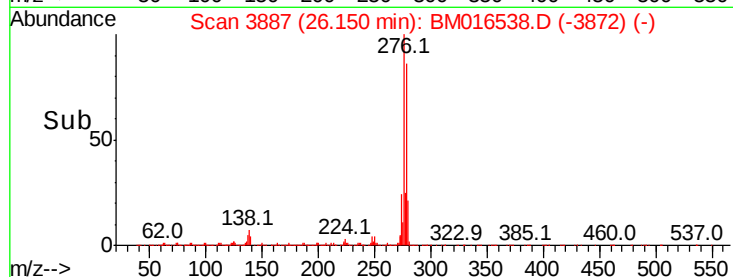
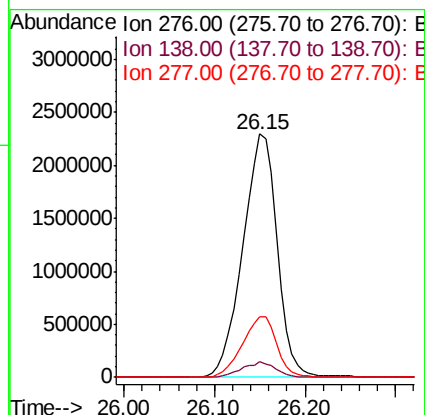
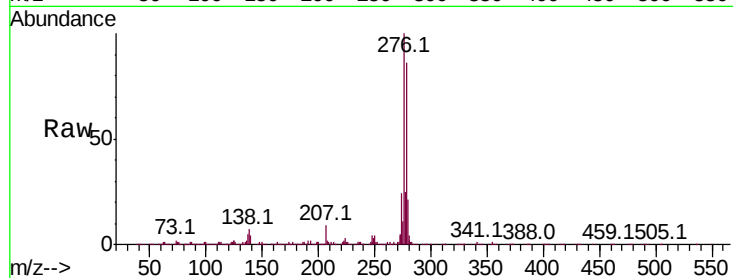
Tot Ion:276 Resp: 6033050

Ion Ratio Lower Upper

276 100

138 6.4 12.0 18.0#

277 25.0 20.0 30.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

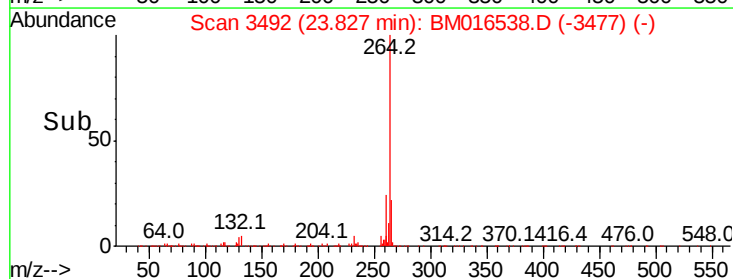
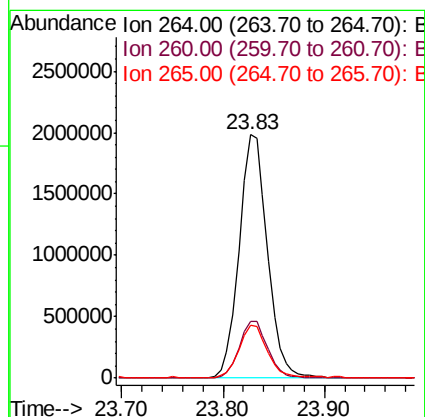
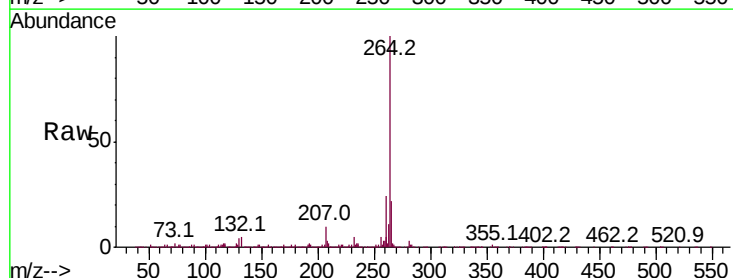
Tgt Ion:264 Resp: 3842750

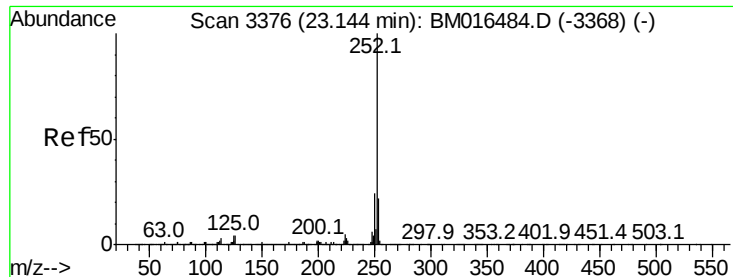
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 23.970 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

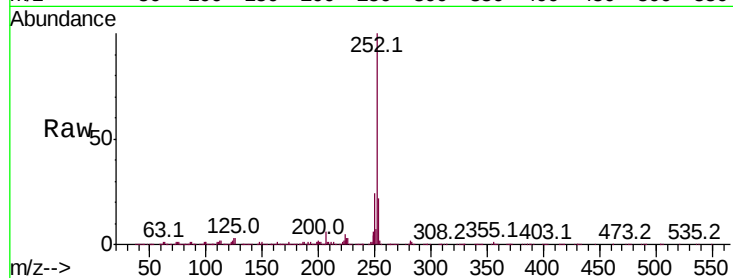
Tot Ion:252 Resp: 5309661

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

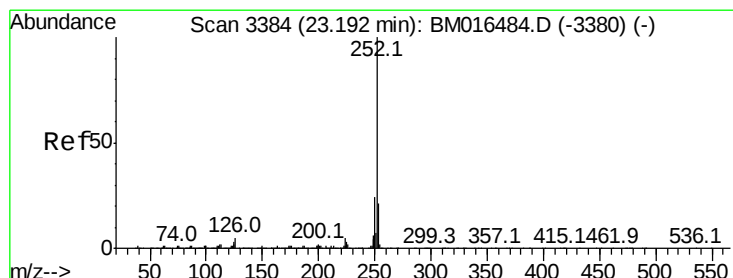
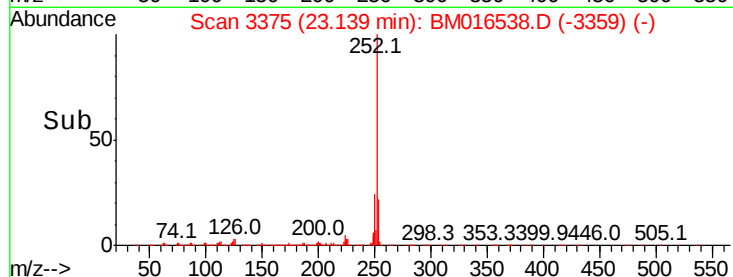
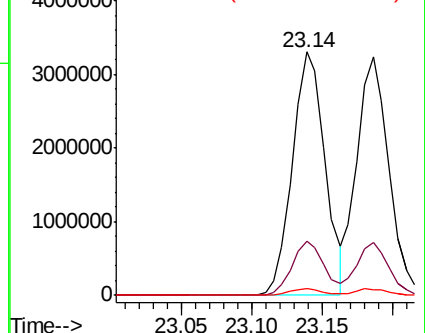
125 2.8 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 22.580 ng

RT: 23.19 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

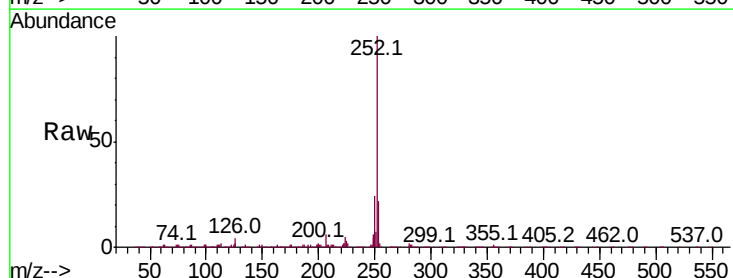
Tgt Ion:252 Resp: 5089241

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

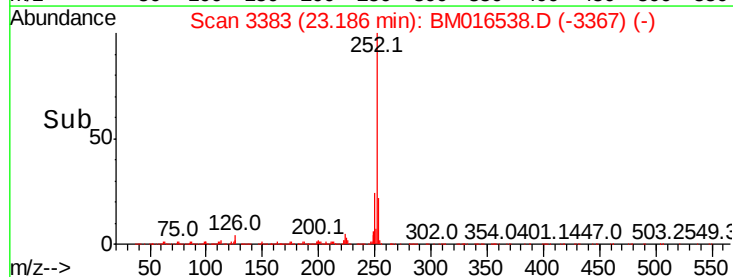
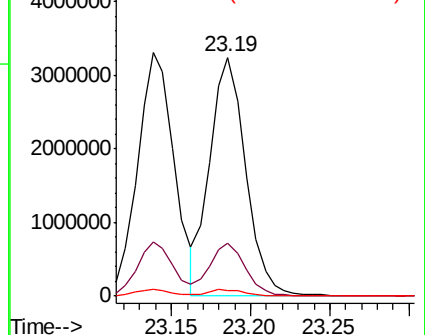
125 2.5 8.1 12.1#

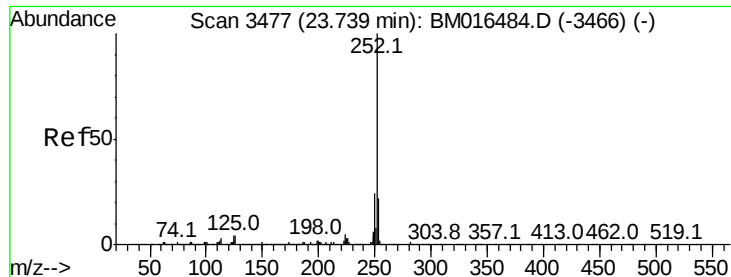


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 22.981 ng

RT: 23.73 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_F

ClientSampleId :

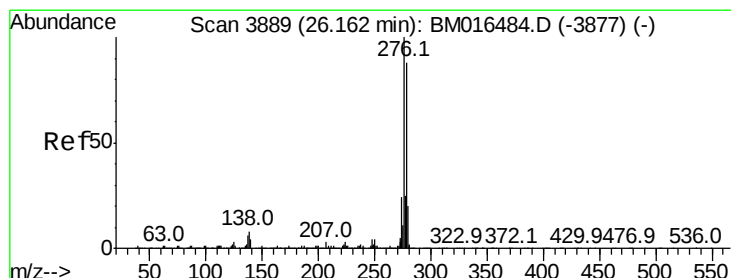
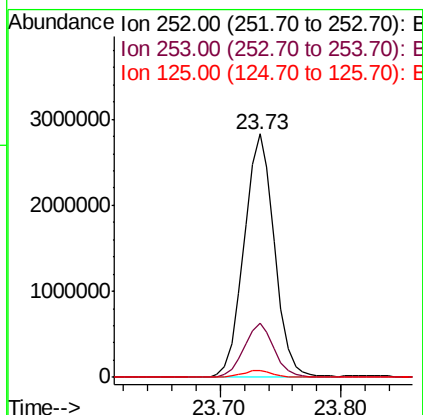
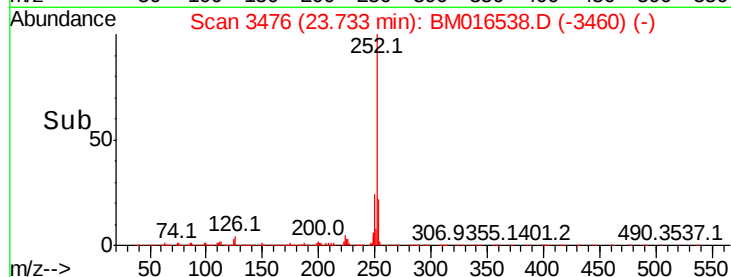
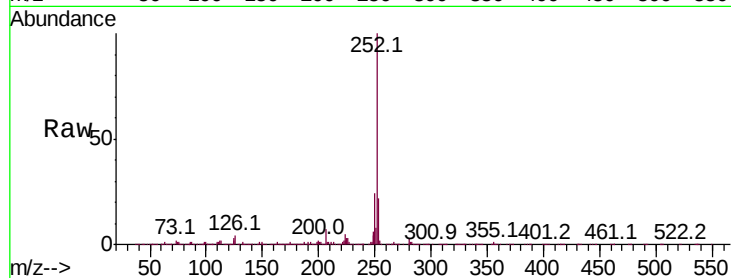
Tot Ion:252 Resp: 4953335

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 2.7 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 20.915 ng

RT: 26.15 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

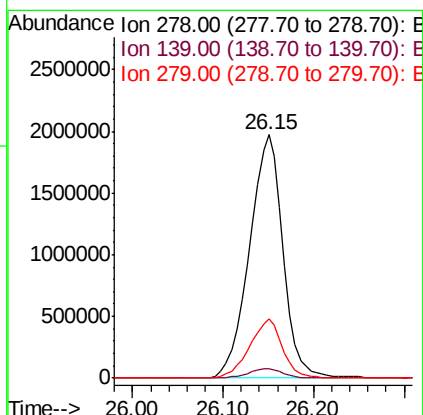
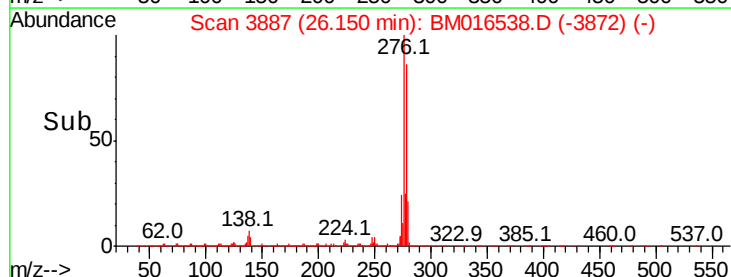
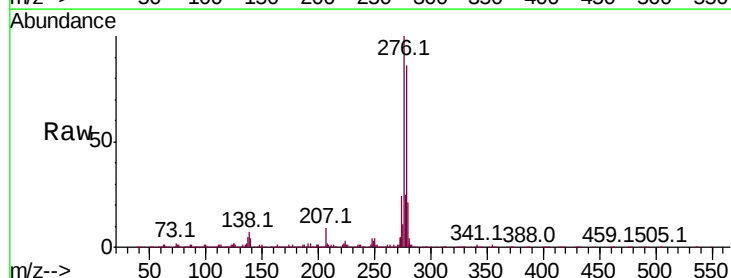
Tgt Ion:278 Resp: 5052181

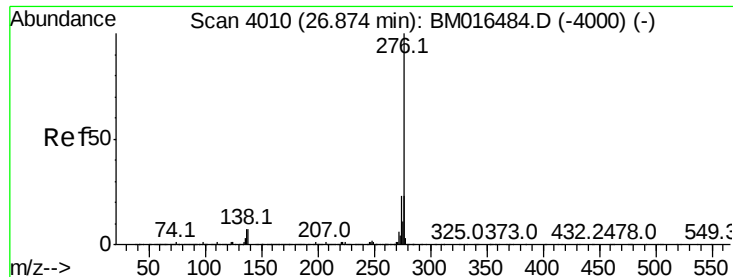
Ion Ratio Lower Upper

278 100

139 4.1 13.4 20.0#

279 24.2 19.0 28.4

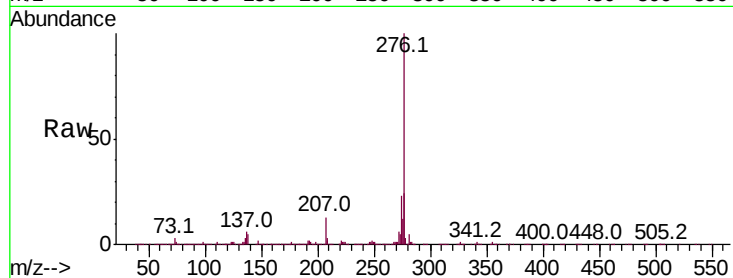




#91
 Benzo(a,h,i)perylene
 Concen: 20.915 ng
 RT: 26.86 min Scan# 4008
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 4535068
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.5 27.7
 138 4.9 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E
 2000000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

