

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016482.D
 Acq On : 21 Aug 2018 12:45
 Operator : SJ/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 21 14:46:26 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 14:43:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	123335	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	503976	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	335689	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1067328	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1521279	20.00	ng	0.00
86) Perylene-d12	23.84	264	1815038	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	118040	16.08	ng	0.01
7) Phenol-d6	7.19	99	176730	17.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	234167	19.35	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	171482	33.82	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	656723	20.34	ng	0.00
78) Terphenyl-d14	19.99	244	1467855	14.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	39451	10.734	ng	# 100
3) Pyridine	3.83	79	61681	8.336	ng	# 81
4) n-Nitrosodimethylamine	3.75	42	22034	2.585	ng	# 54
6) Aniline	7.36	93	105217	10.308	ng	# 90
8) 2-Chlorophenol	7.59	128	79737	8.813	ng	# 93
9) Benzaldehyde	7.19	77	70647	10.892	ng	# 79
10) Phenol	7.22	94	86152	9.016	ng	# 93
11) bis(2-Chloroethyl)ether	7.45	93	63815	8.797	ng	# 94
12) 1,3-Dichlorobenzene	7.91	146	109042	10.515	ng	# 91
13) 1,4-Dichlorobenzene	8.06	146	114349	10.908	ng	# 93
14) 1,2-Dichlorobenzene	8.37	146	106658	10.357	ng	# 97
15) Benzyl Alcohol	8.29	79	80256	8.964	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.56	45	46077	5.046	ng	# 47
17) 2-Methylphenol	8.48	107	64261	9.307	ng	# 73
18) Hexachloroethane	9.08	117	52657	9.754	ng	# 57
19) n-Nitroso-di-n-propylamine	8.83	70	65281	8.717	ng	# 86
20) 3+4-Methylphenols	8.83	107	79974	8.428	ng	# 79
22) Acetophenone	8.87	105	129390	9.573	ng	# 97
24) Nitrobenzene	9.26	77	115741	9.922	ng	# 79
25) Isophorone	9.76	82	151257	9.371	ng	# 91
26) 2-Nitrophenol	9.98	139	41349	8.426	ng	# 54
27) 2,4-Dimethylphenol	10.02	122	63333	9.654	ng	# 80
28) bis(2-Chloroethoxy)methane	10.25	93	92760	9.935	ng	# 87
29) 2,4-Dichlorophenol	10.51	162	90991	10.260	ng	# 98
30) 1,2,4-Trichlorobenzene	10.69	180	137750	13.135	ng	# 94
31) Naphthalene	10.88	128	250702	9.808	ng	# 96
32) Benzoic acid	10.16	122	35807	6.720	ng	# 93
33) 4-Chloroaniline	11.02	127	98402	8.983	ng	# 92
34) Hexachlorobutadiene	11.13	225	134922	14.925	ng	# 90
35) Caprolactam	11.82	113	18358	8.075	ng	# 55
36) 4-Chloro-3-methylphenol	12.14	107	80393	7.950	ng	# 90
37) 2-Methylnaphthalene	12.49	142	198344	10.460	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	201503	14.663	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	35315	8.281	ng	# 92

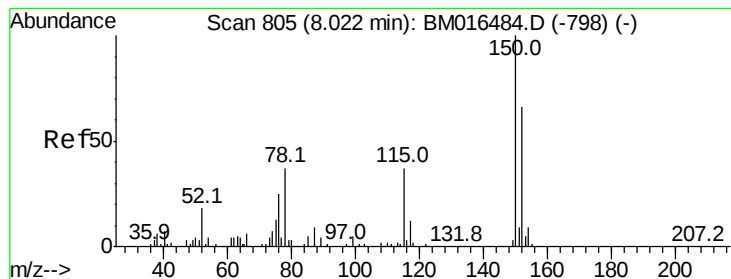
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	113433	13.207	ng	93
43) 2,4,5-Trichlorophenol	13.20	196	103925	12.402	ng	# 90
45) 1,1'-Biphenyl	13.49	154	301263	9.696	ng	96
46) 2-Chloronaphthalene	13.55	162	247851	10.225	ng	96
47) 2-Nitroaniline	13.79	65	59356	7.061	ng	# 74
48) Acenaphthylene	14.39	152	335900	9.216	ng	99
49) Dimethylphthalate	14.12	163	338131	10.271	ng	# 98
50) 2,6-Dinitrotoluene	14.27	165	63789	10.209	ng	# 67
51) Acenaphthene	14.73	154	213031	9.685	ng	93
52) 3-Nitroaniline	14.62	138	49510	8.042	ng	# 72
53) 2,4-Dinitrophenol	14.86	184	19053	6.991	ng	# 68
54) Dibenzofuran	15.06	168	389092	10.039	ng	# 77
55) 4-Nitrophenol	14.96	139	23741	5.904	ng	# 84
56) 2,4-Dinitrotoluene	15.07	165	93699	8.971	ng	98
57) Fluorene	15.72	166	285526	9.643	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	106555	13.572	ng	# 100
59) Diethylphthalate	15.47	149	350678	9.388	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	248141	13.246	ng	95
61) 4-Nitroaniline	15.77	138	50078	8.413	ng	# 1
62) Azobenzene	15.99	77	390082	9.055	ng	91
64) 4,6-Dinitro-2-methylphenol	15.84	198	68333	9.181	ng	# 57
65) n-Nitrosodiphenylamine	15.92	169	288201	7.980	ng	98
66) 4-Bromophenyl-phenylether	16.59	248	167235	11.650	ng	97
67) Hexachlorobenzene	16.71	284	184872	13.123	ng	# 93
68) Atrazine	16.86	200	154049	11.635	ng	93
69) Pentachlorophenol	17.06	266	92292	11.442	ng	94
70) Phenanthrene	17.45	178	529867	8.762	ng	99
71) Anthracene	17.54	178	524327	8.734	ng	98
72) Carbazole	17.82	167	468918	8.070	ng	99
73) Di-n-butylphthalate	18.34	149	586226	7.030	ng	# 95
74) Fluoranthene	19.44	202	776116	10.624	ng	95
76) Benzidine	19.64	184	351707	10.504	ng	97
77) Pyrene	19.81	202	825555	8.224	ng	99
79) Butylbenzylphthalate	20.67	149	278110	5.911	ng	# 82
80) Benzo(a)anthracene	21.53	228	928005	9.428	ng	99
81) 3,3'-Dichlorobenzidine	21.46	252	406047	11.588	ng	# 97
82) Chrysene	21.59	228	876241	9.473	ng	100
83) Bis(2-ethylhexyl)phthalate	21.42	149	420020	6.258	ng	# 88
84) Di-n-octyl phthalate	22.31	149	714904	7.101	ng	# 92
85) Indeno(1,2,3-cd)pyrene	26.16	276	1291050	17.064	ng	# 94
87) Benzo(b)fluoranthene	23.14	252	1023919	8.517	ng	# 92
88) Benzo(k)fluoranthene	23.19	252	1054716	8.778	ng	# 94
89) Benzo(a)pyrene	23.74	252	1005619	9.240	ng	# 95
90) Dibenzo(a,h)anthracene	26.16	278	1093672	11.207	ng	# 87
91) Benzo(g,h,i)perylene	26.88	276	1025066	11.687	ng	# 82

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

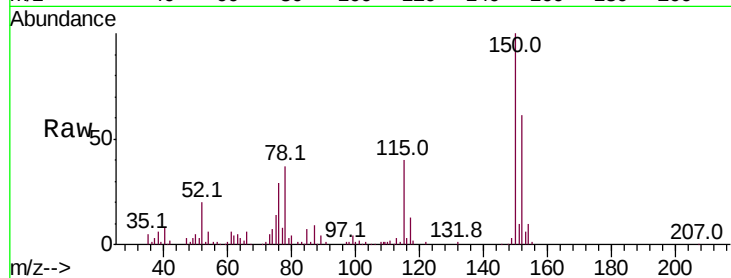
Tot Ion:152 Resp: 123335

Ion Ratio Lower Upper

152 100

150 163.5 119.5 179.3

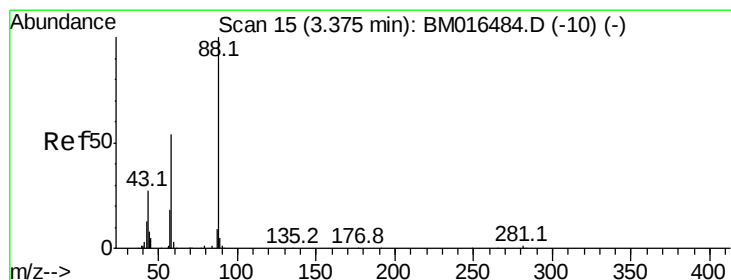
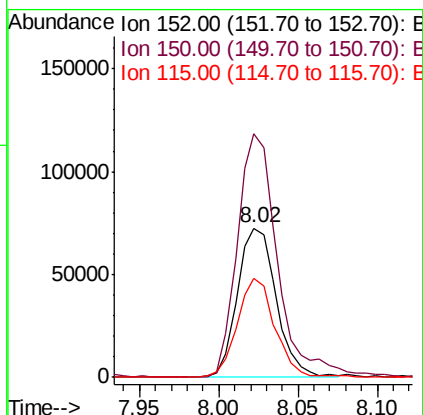
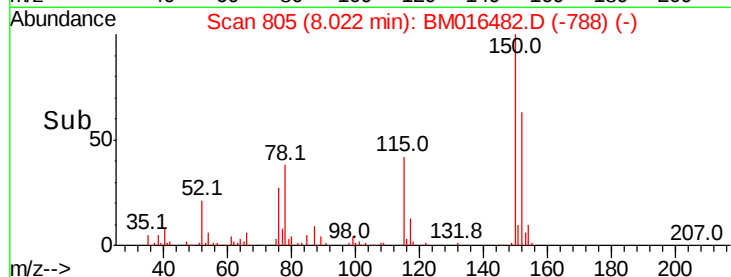
115 66.2 43.0 64.4#



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: 10.734 ng

RT: 3.38 min Scan# 16

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

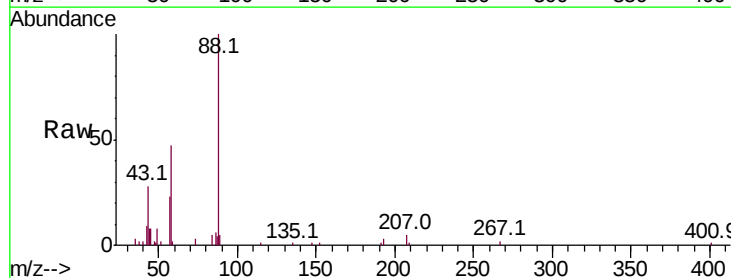
Tgt Ion: 88 Resp: 39451

Ion Ratio Lower Upper

88 100

58 51.4 0.0 0.0#

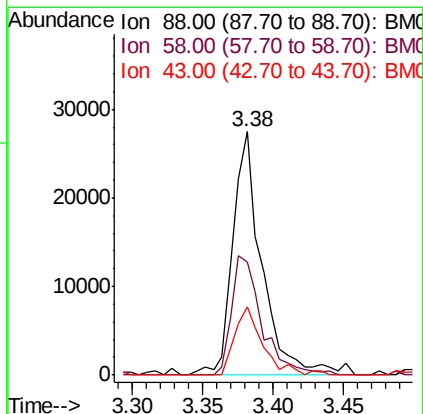
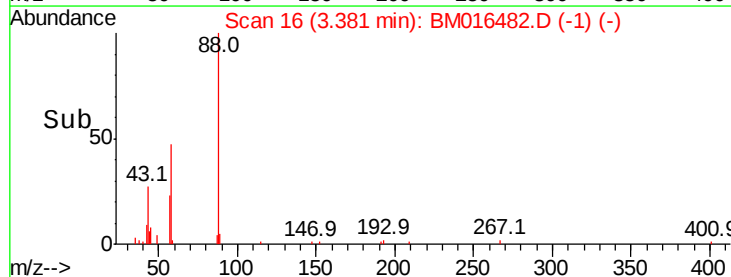
43 26.4 0.0 0.0#

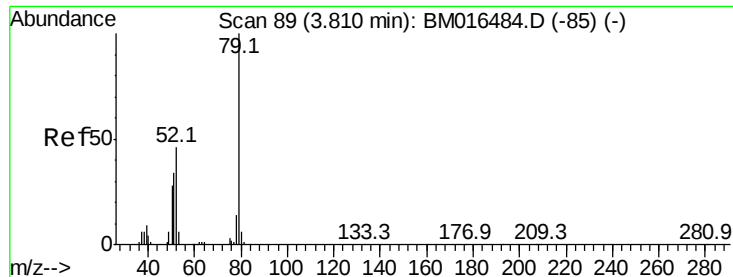


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 8.336 ng

RT: 3.83 min Scan# 92

Delta R.T. 0.02 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

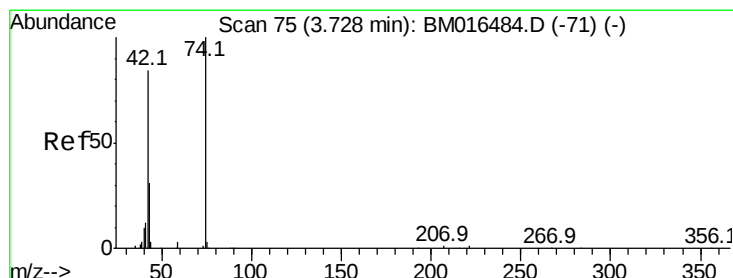
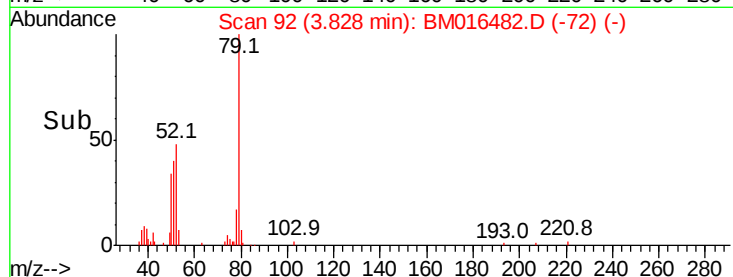
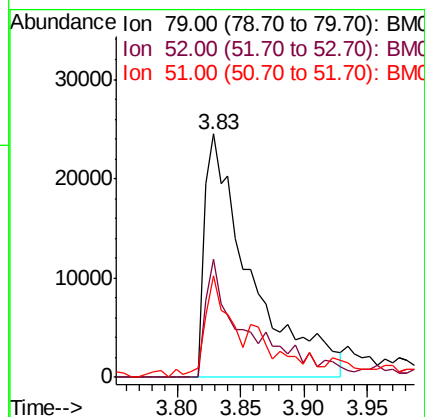
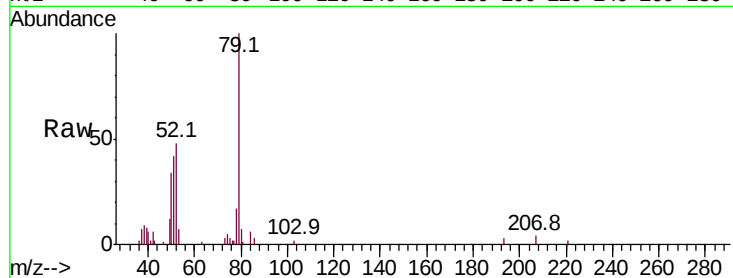
Tot Ion: 79 Resp: 61681

Ion Ratio Lower Upper

79 100

52 48.4 51.1 76.7#

51 41.5 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 2.585 ng

RT: 3.75 min Scan# 78

Delta R.T. 0.02 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

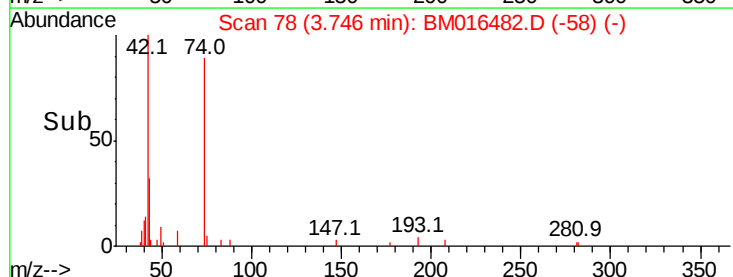
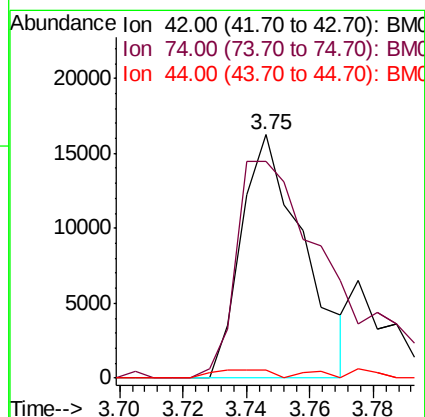
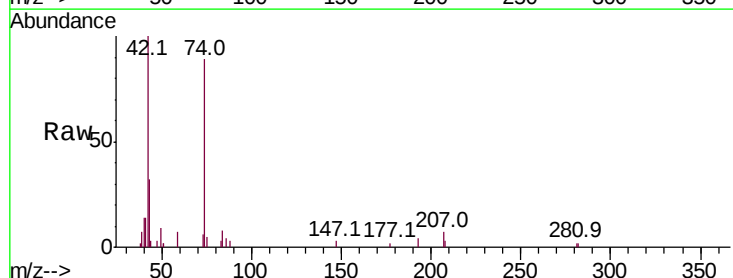
Tgt Ion: 42 Resp: 22034

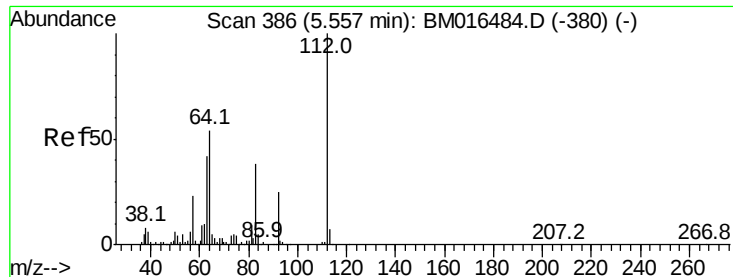
Ion Ratio Lower Upper

42 100

74 89.1 119.3 178.9#

44 3.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 2.585 ng

RT: 5.57 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

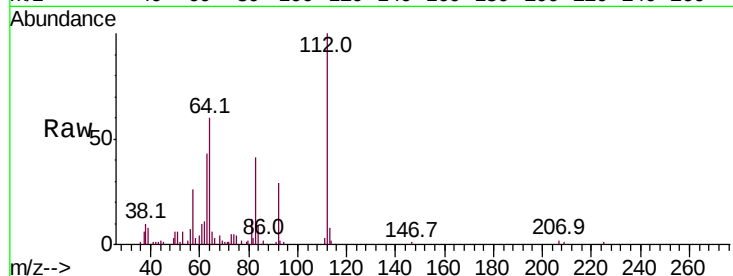
Tot Ion:112 Resp: 118040

Ion Ratio Lower Upper

112 100

64 60.1 38.6 57.8#

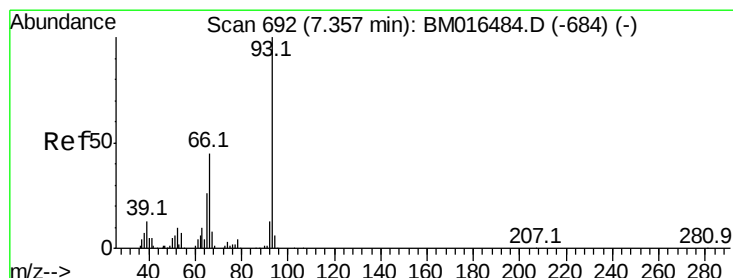
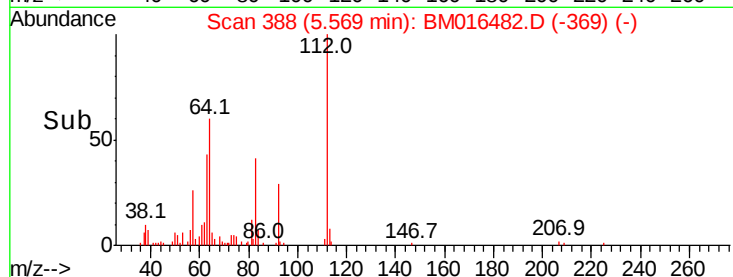
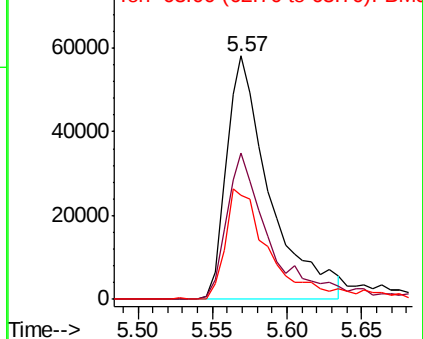
63 42.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 10.308 ng

RT: 7.36 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

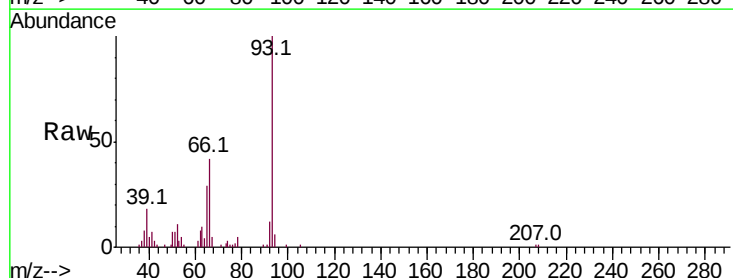
Tgt Ion: 93 Resp: 105217

Ion Ratio Lower Upper

93 100

66 41.5 30.8 46.2

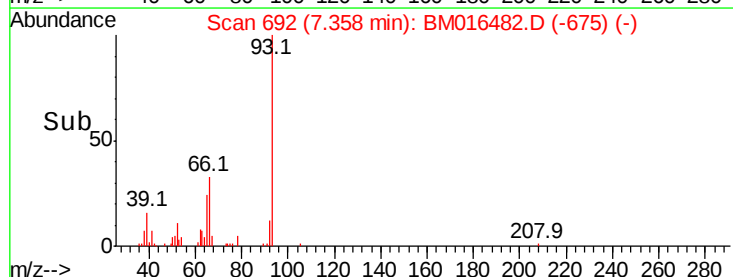
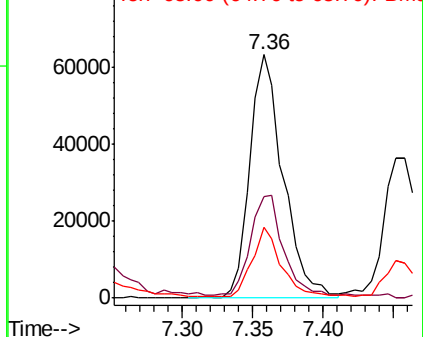
65 29.2 16.0 24.0#

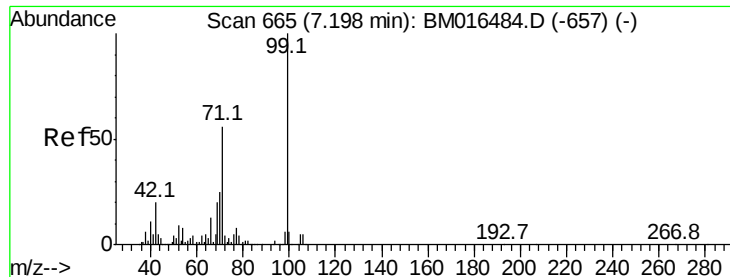


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 10.308 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

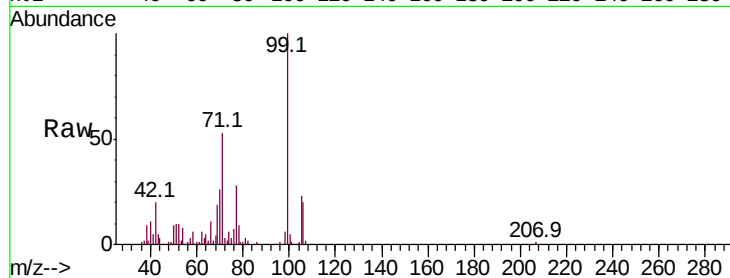
Tot Ion: 99 Resp: 176730

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

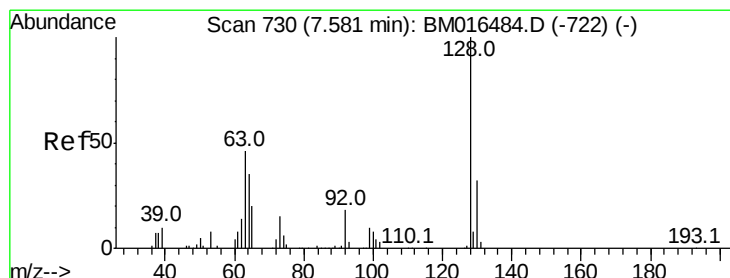
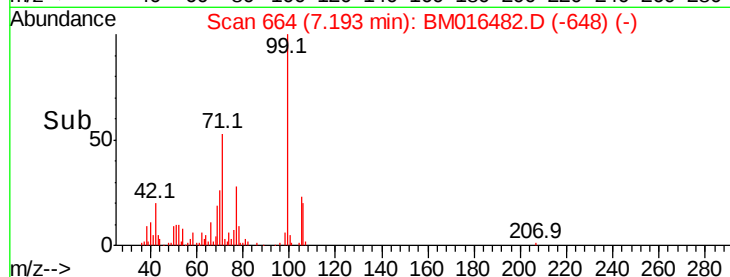
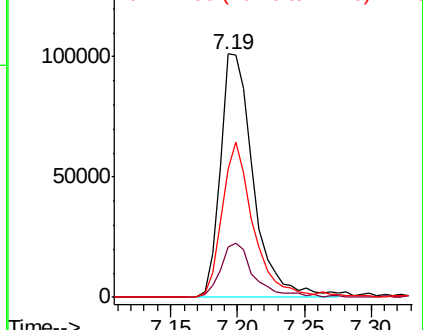
71 53.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016482.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016482.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016482.D (-657) (-)



#8

2-Chlorophenol

Concen: 8.813 ng

RT: 7.59 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

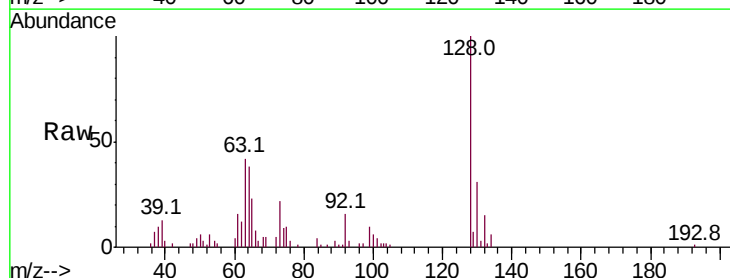
Tgt Ion: 128 Resp: 79737

Ion Ratio Lower Upper

128 100

130 30.8 12.0 52.0

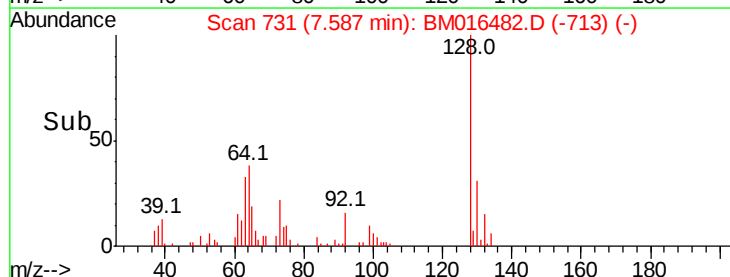
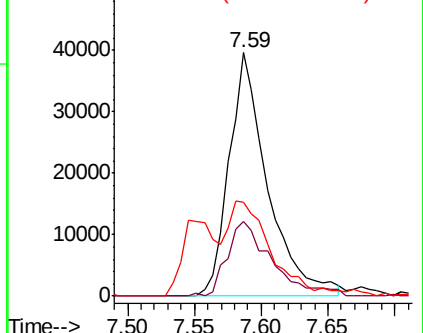
64 38.3 24.9 64.9

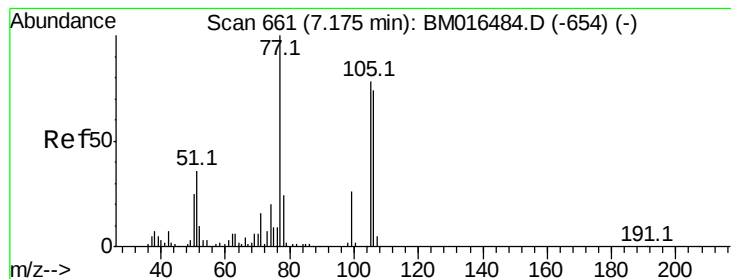


Abundance Ion 128.00 (127.70 to 128.70): BM016482.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016482.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016482.D (-722) (-)





#9

Benzaldehyde

Concen: 10.892 ng

RT: 7.19 min Scan# 664

Delta R.T. 0.02 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

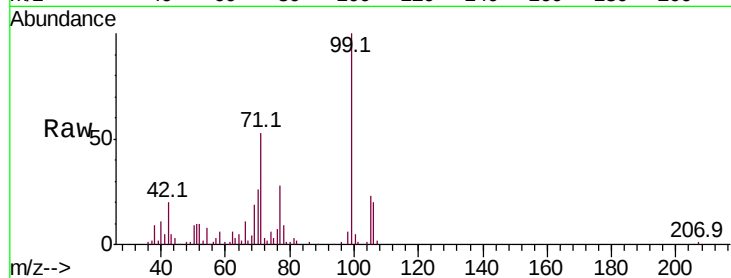
Tot Ion: 77 Resp: 70647

Ion Ratio Lower Upper

77 100

105 80.7 78.8 118.8

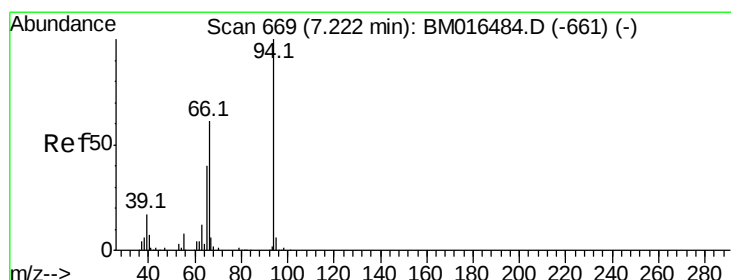
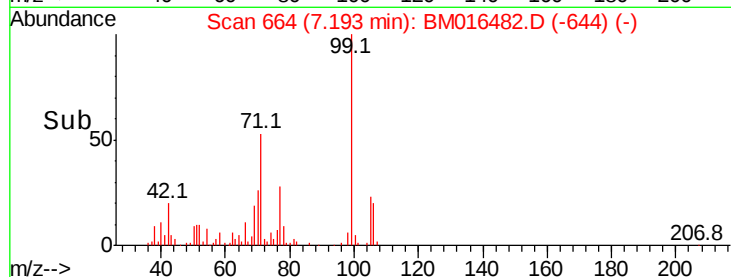
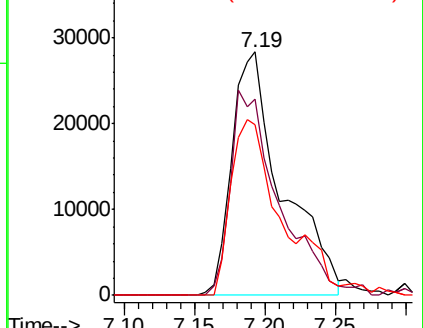
106 70.1 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016482.D (-664) (-)

Ion 105.00 (104.70 to 105.70): BM016482.D (-664) (-)

Ion 106.00 (105.70 to 106.70): BM016482.D (-664) (-)



#10

Phenol

Concen: 9.016 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

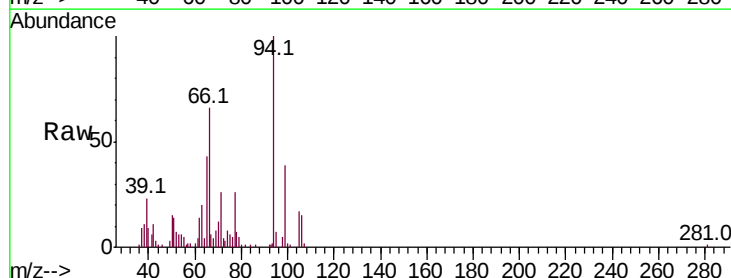
Tgt Ion: 94 Resp: 86152

Ion Ratio Lower Upper

94 100

65 42.6 18.8 58.8

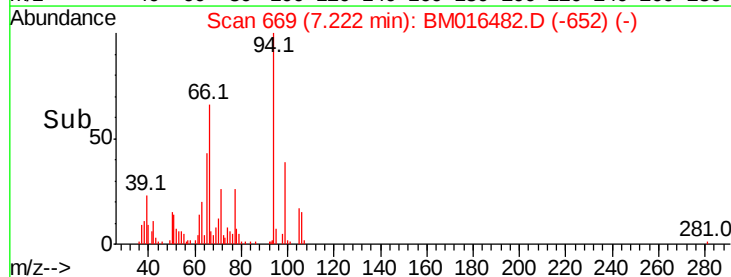
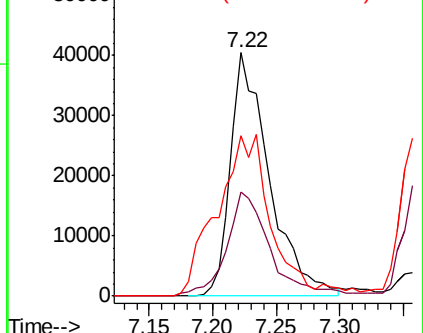
66 65.9 39.9 79.9

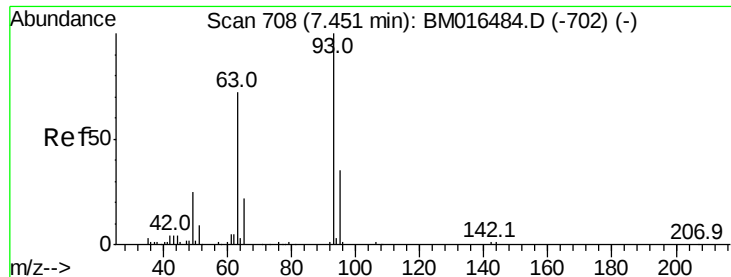


Abundance Ion 94.00 (93.70 to 94.70): BM016482.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM016482.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM016482.D (-652) (-)

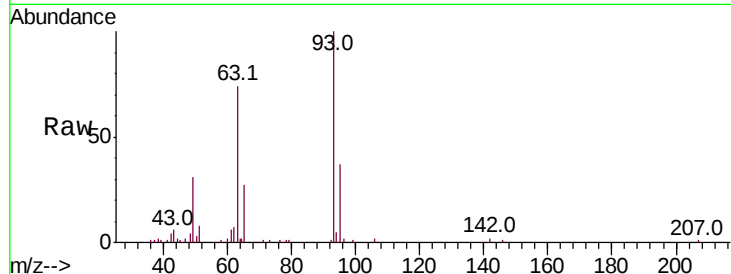




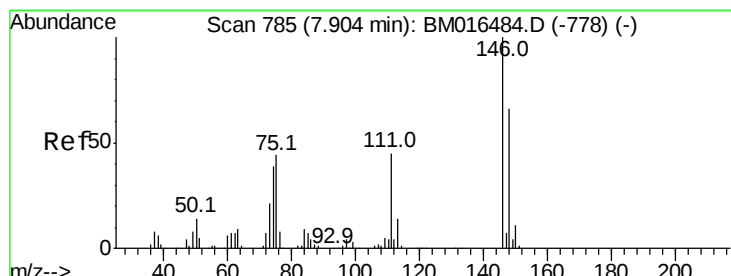
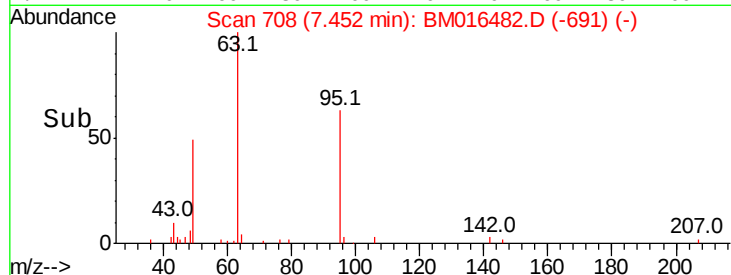
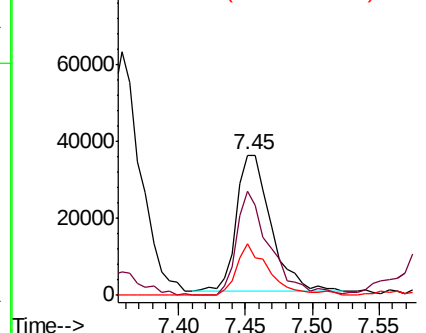
#11
bis(2-Chloroethyl)ether
Concen: 8.797 ng
RT: 7.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	49.5	89.5
95	36.9	13.5	53.5

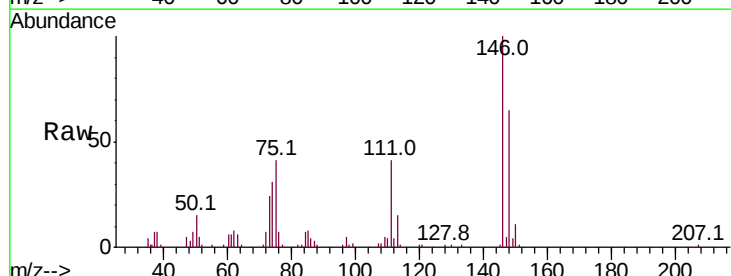


Abundance Ion 93.00 (92.70 to 93.70): BM016482.D (-702) (-)
Ion 63.00 (62.70 to 63.70): BM016482.D (-702) (-)
Ion 95.00 (94.70 to 95.70): BM016482.D (-702) (-)

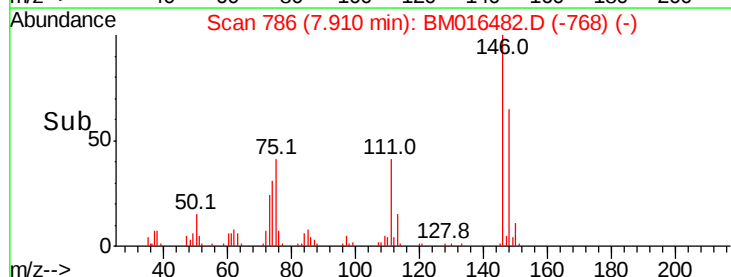
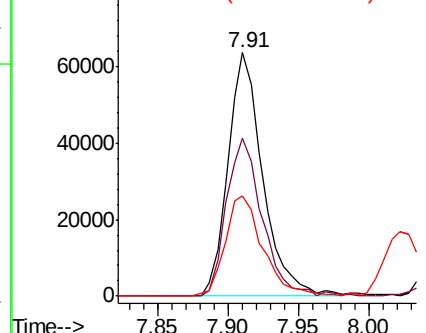


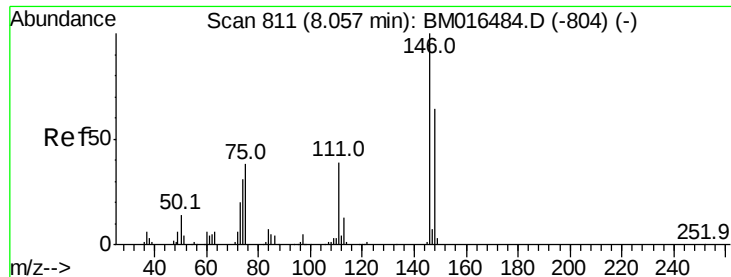
#12
1,3-Dichlorobenzene
Concen: 10.515 ng
RT: 7.91 min Scan# 786
Delta R.T. 0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	41.2	21.4	32.2



Abundance Ion 146.00 (145.70 to 146.70): BM016482.D (-768) (-)
Ion 148.00 (147.70 to 148.70): BM016482.D (-768) (-)
Ion 75.00 (74.70 to 75.70): BM016482.D (-768) (-)





#13

1,4-Dichlorobenzene

Concen: 10.908 ng

RT: 8.06 min Scan# 812

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

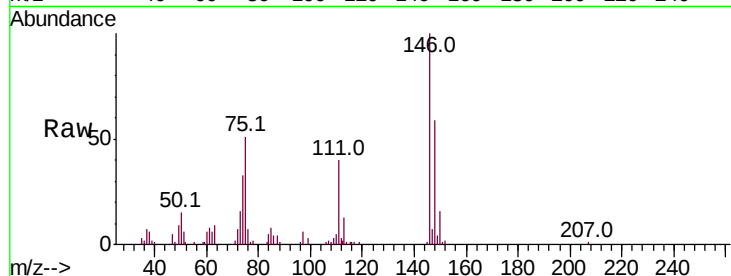
Tot Ion:146 Resp: 114349

Ion Ratio Lower Upper

146 100

148 59.1 51.9 77.9

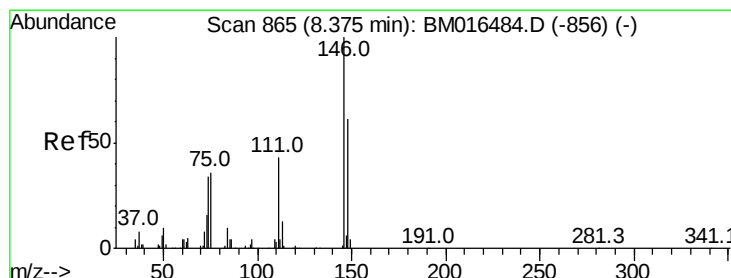
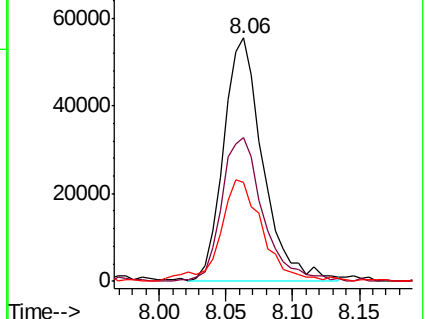
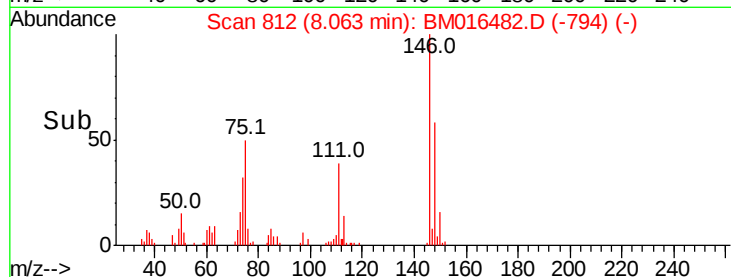
111 40.5 29.2 43.8



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: 10.357 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

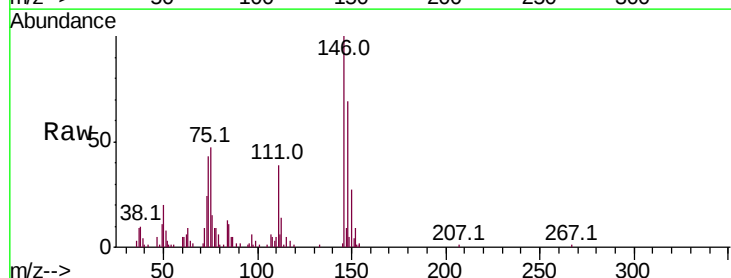
Tgt Ion:146 Resp: 106658

Ion Ratio Lower Upper

146 100

148 68.7 52.3 78.5

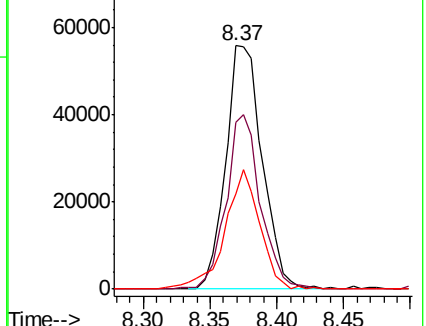
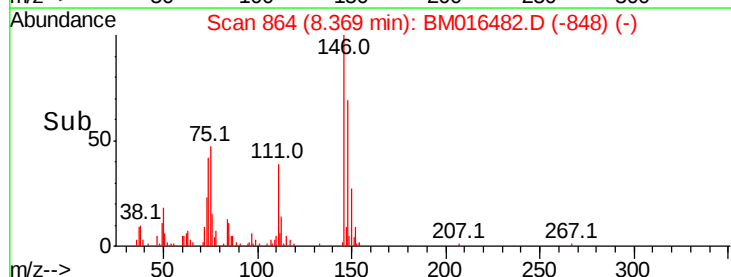
111 39.1 30.6 45.8

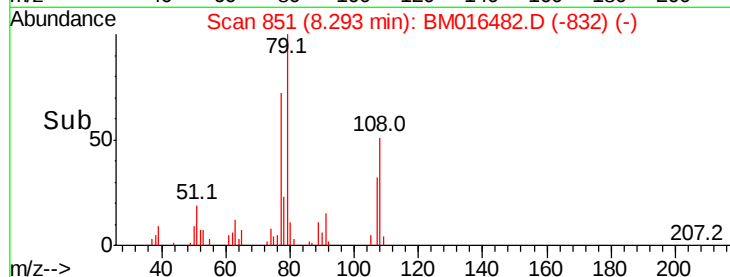
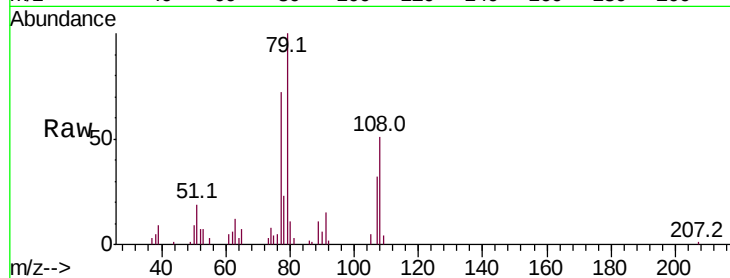
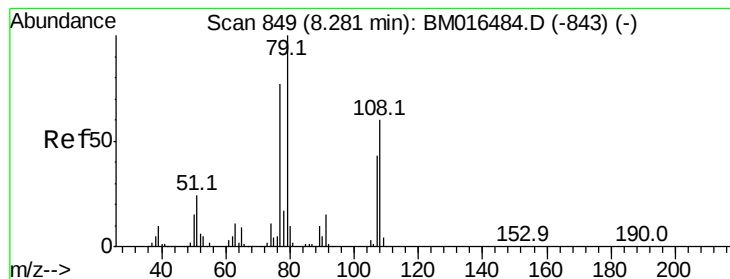


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.964 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampled :

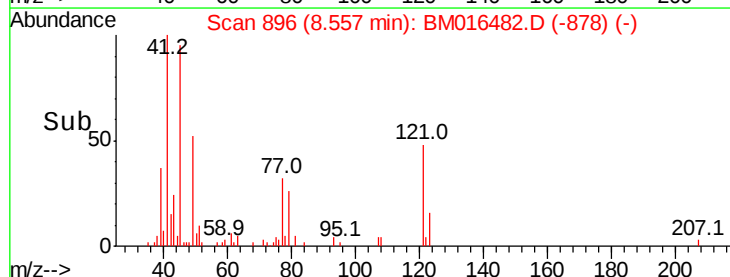
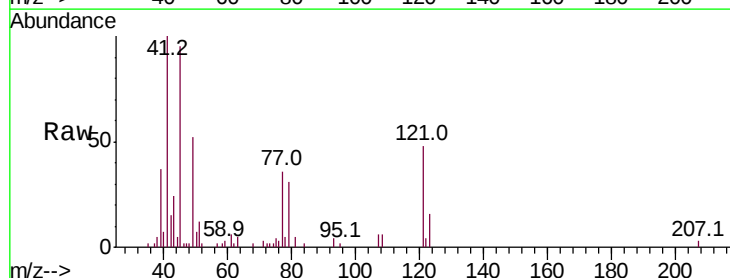
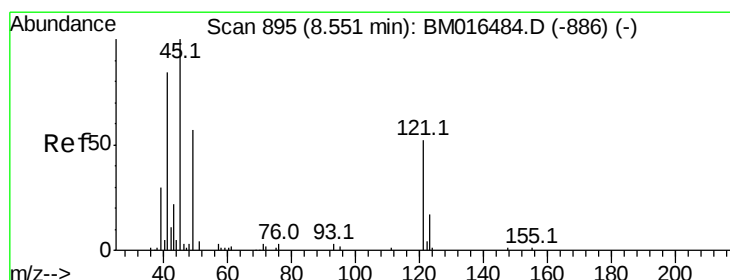
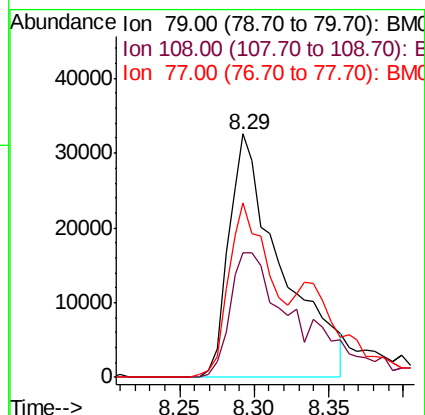
Tot Ion: 79 Resp: 80256

Ion Ratio Lower Upper

79 100

108 51.3 65.0 97.4#

77 71.6 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.046 ng

RT: 8.56 min Scan# 896

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

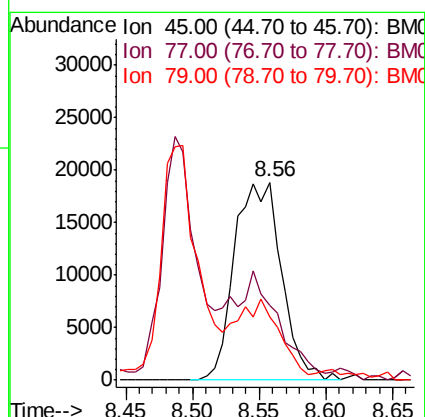
Tgt Ion: 45 Resp: 46077

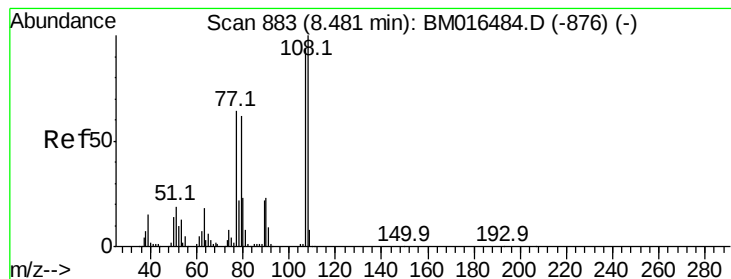
Ion Ratio Lower Upper

45 100

77 37.9 0.0 35.2#

79 32.2 0.0 32.0#

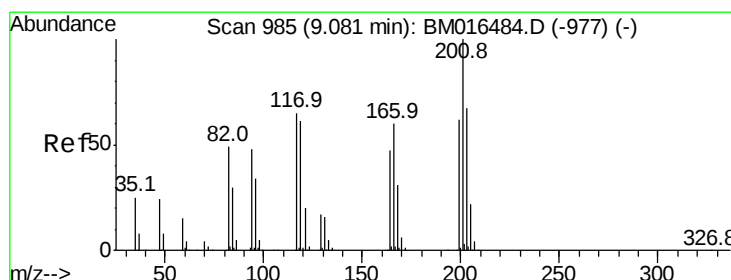
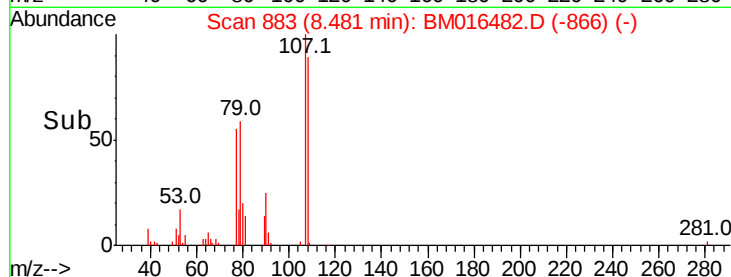
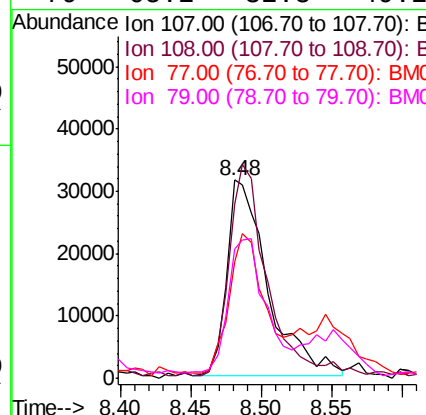
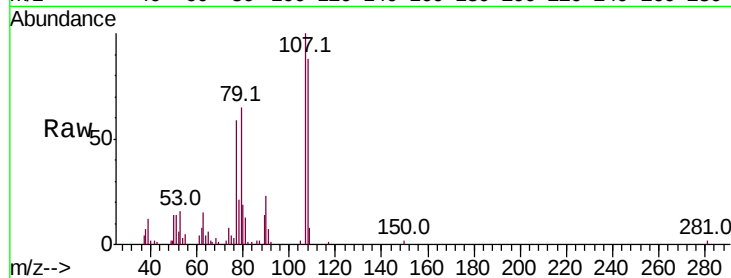




#17
2-Methylphenol
Concen: 9.307 ng
RT: 8.48 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

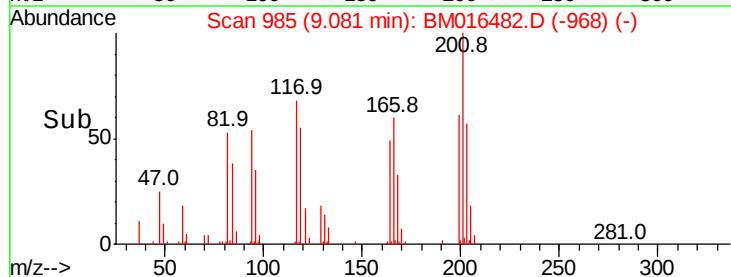
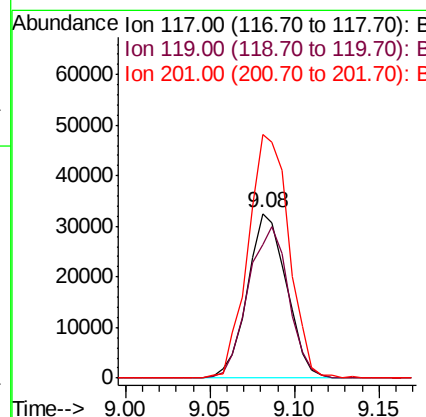
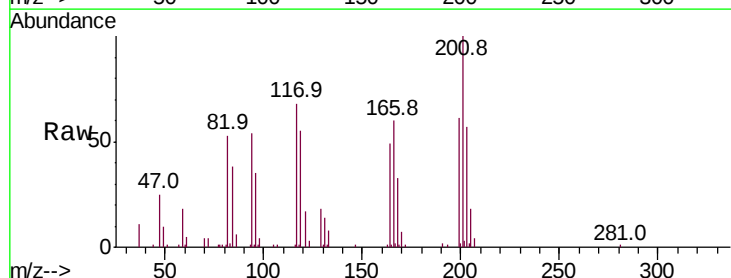
Instrument :
BNA_M
ClientSampled :

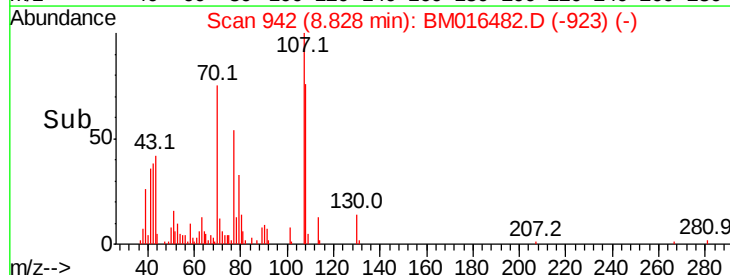
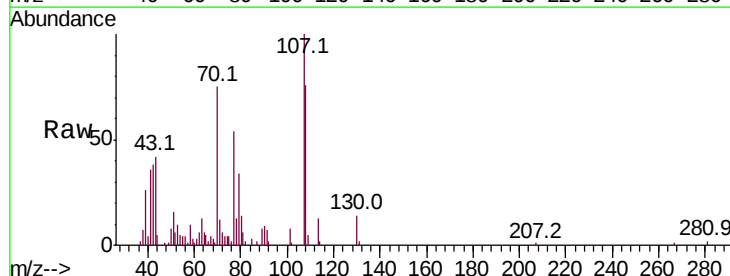
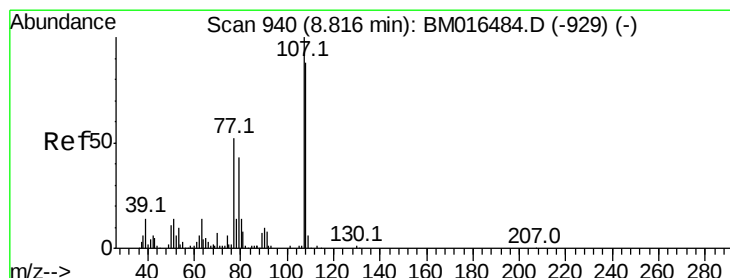
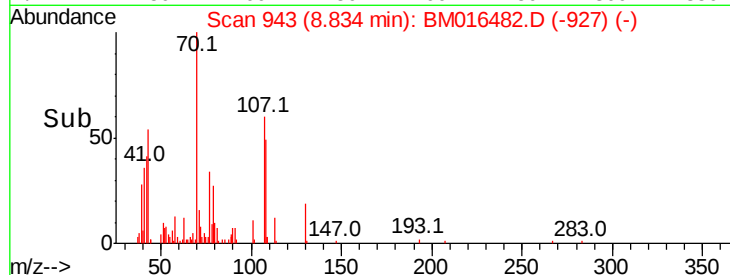
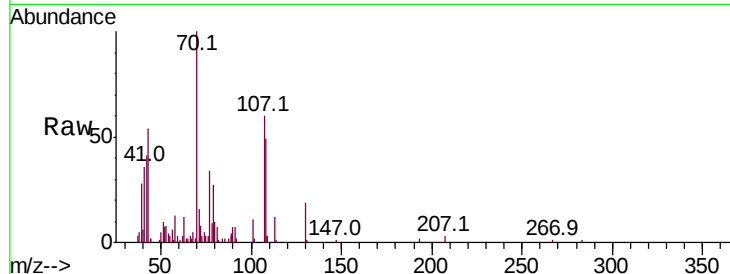
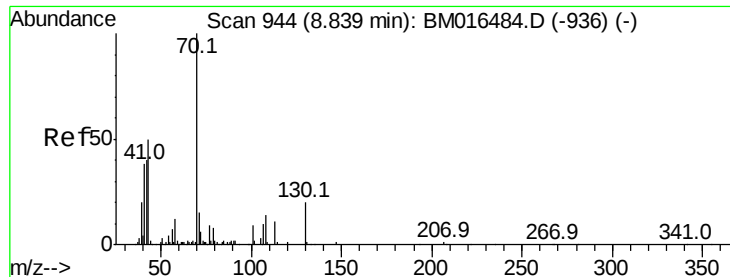
Tot Ion	Ratio	Lower	Upper
107	100		
108	88.2	89.8	134.8#
77	59.2	32.6	48.8#
79	65.2	32.8	49.2#



#18
Hexachloroethane
Concen: 9.754 ng
RT: 9.08 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	81.3	79.2	118.8
201	152.7	69.8	104.6#

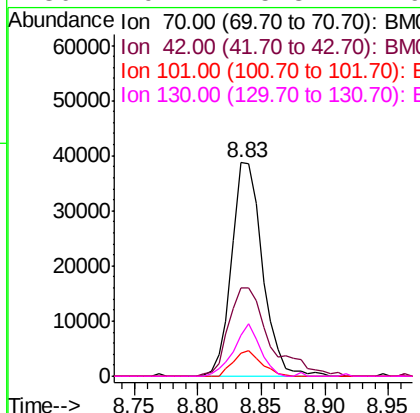




#19
n-Nitroso-di-n-propylamine
Concen: 8.717 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

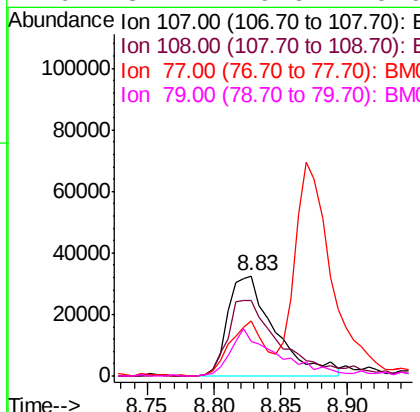
Instrument :
BNA_M
ClientSampled :

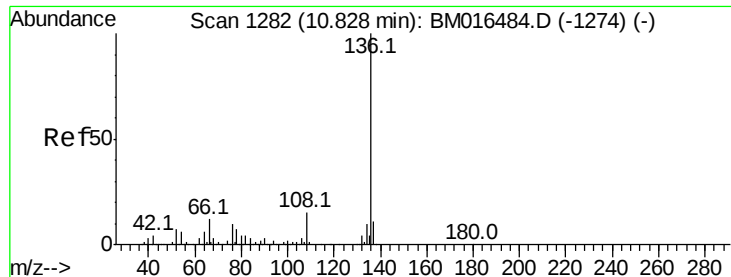
Tot Ion:	70	Resp:	65281
Ion	Ratio	Lower	Upper
70	100		
42	41.3	44.5	66.7#
101	11.1	7.4	11.2
130	19.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 8.428 ng
RT: 8.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion:	107	Resp:	79974
Ion	Ratio	Lower	Upper
107	100		
108	75.7	73.2	113.2
77	54.4	10.7	50.7#
79	34.4	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 503976

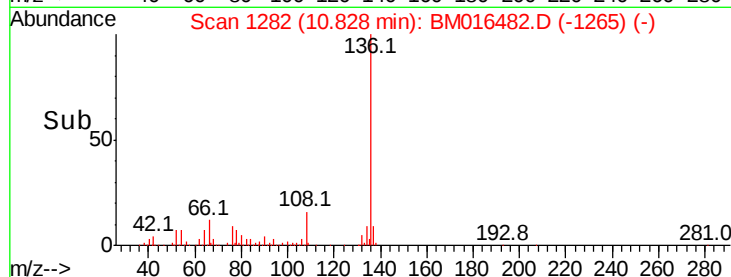
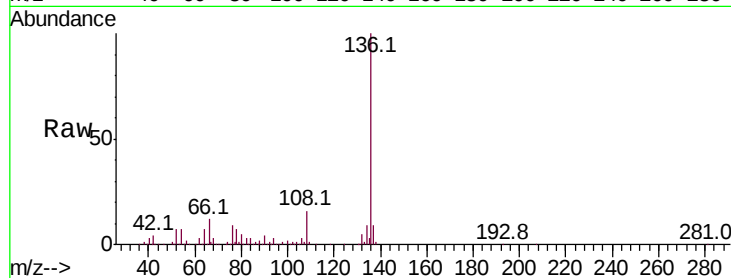
Ion Ratio Lower Upper

136 100

137 9.0 8.7 13.1

54 6.7 4.6 6.8

68 3.0 3.7 5.5#

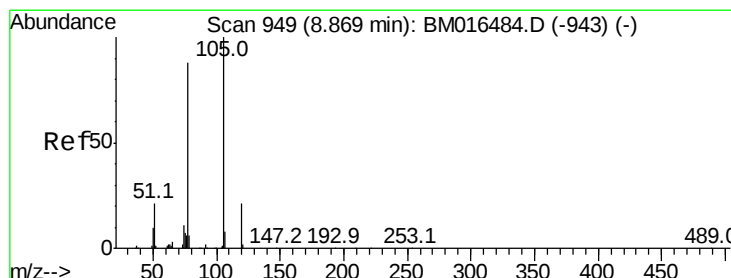
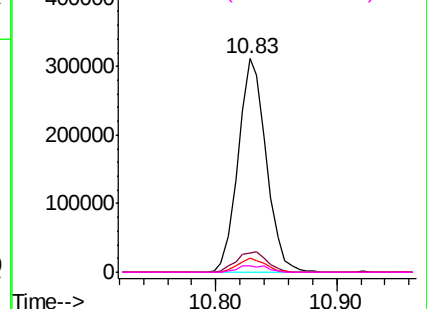


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.573 ng

RT: 8.87 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Tgt Ion:105 Resp: 129390

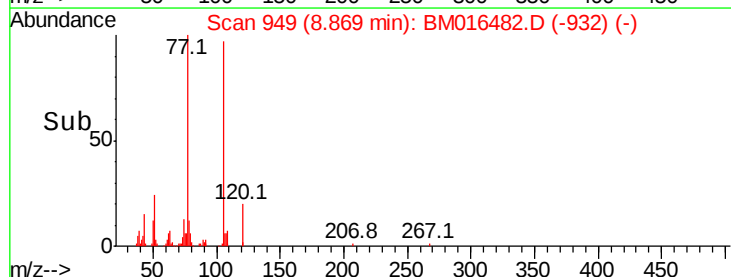
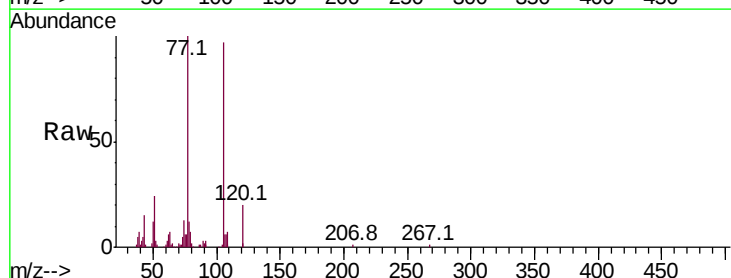
Ion Ratio Lower Upper

105 100

71 1.0 0.6 1.0#

51 24.8 21.6 32.4

120 20.3 16.1 24.1

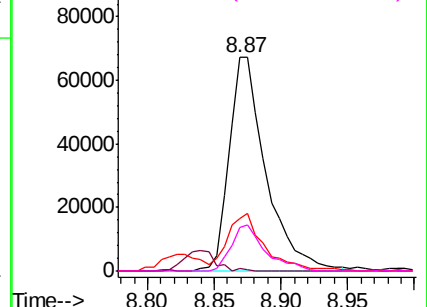


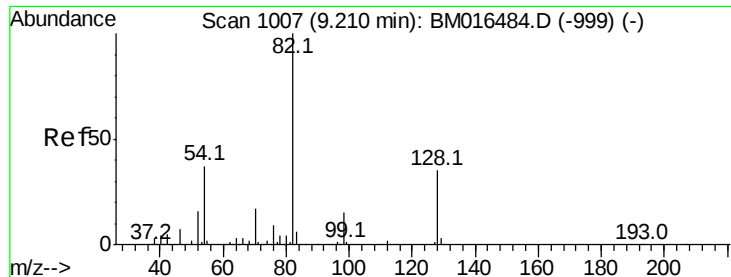
Abundance Ion 105.00 (104.70 to 105.70): E

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

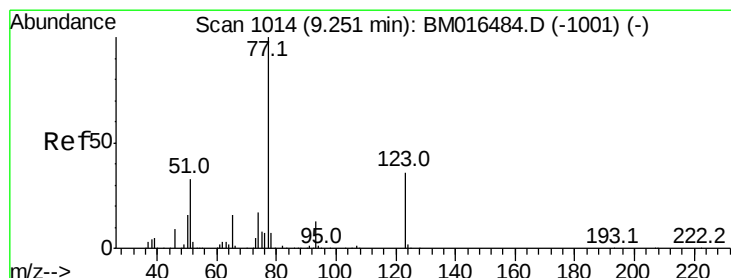
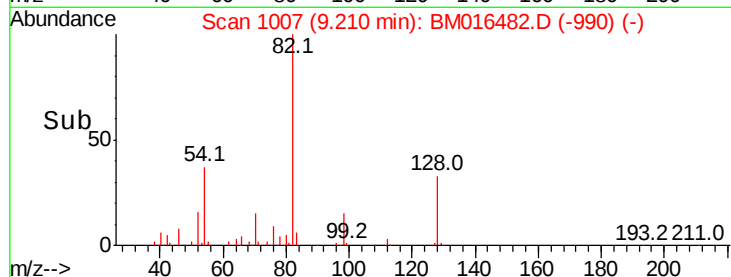
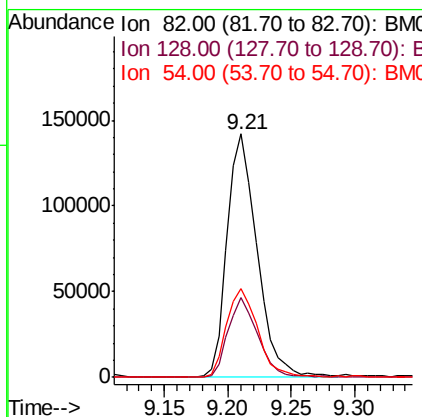
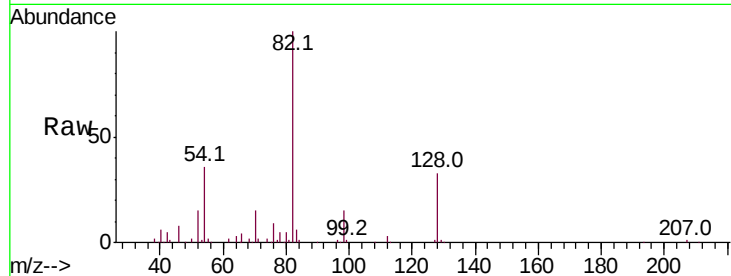




#23
Nitrobenzene-d5
Concen: 9.573 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

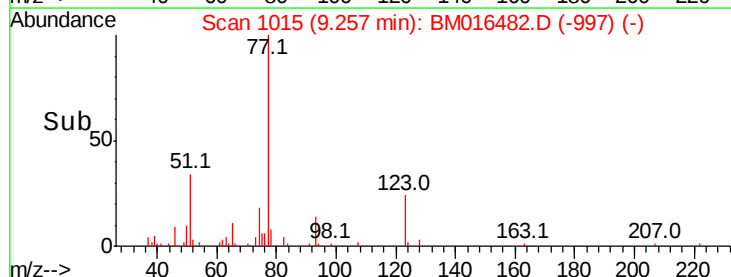
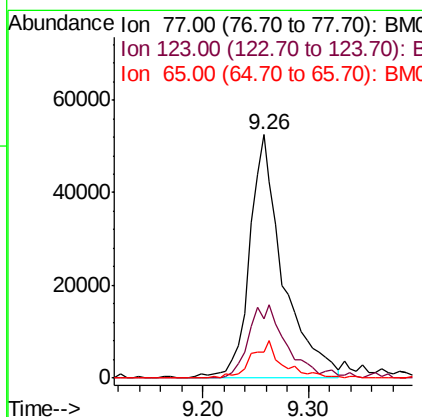
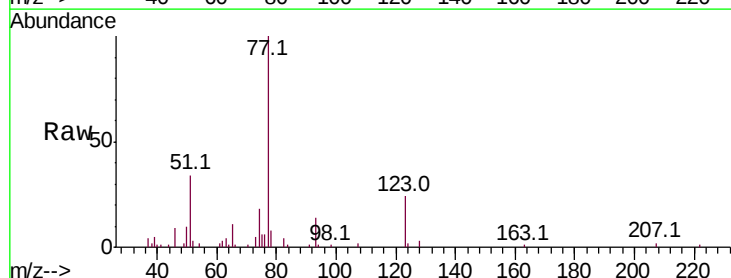
Instrument :
BNA_M
ClientSampleId :

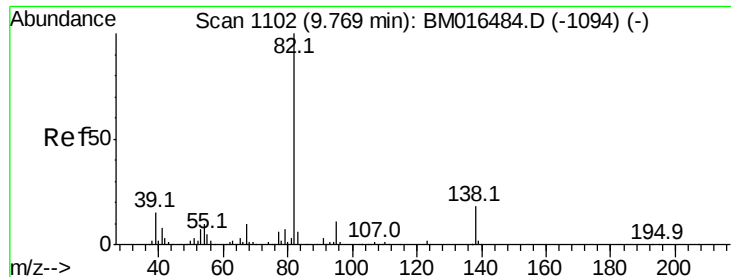
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	32.8	49.2
54	36.4	40.6	60.8#



#24
Nitrobenzene
Concen: 9.922 ng
RT: 9.26 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	24.3	32.6	49.0#
65	10.9	10.9	16.3





#25

Isophorone

Concen: 9.371 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

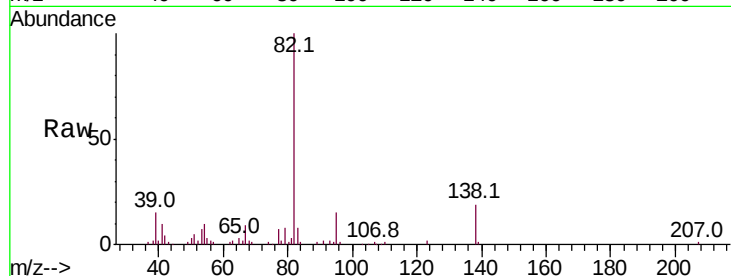
Tot Ion: 82 Resp: 151257

Ion Ratio Lower Upper

82 100

95 15.1 5.8 8.6#

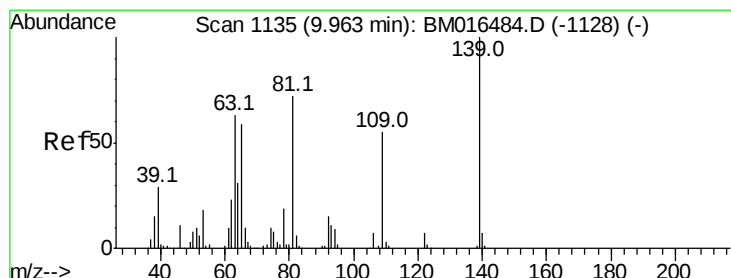
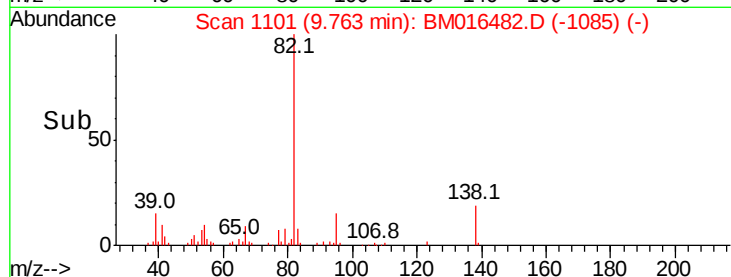
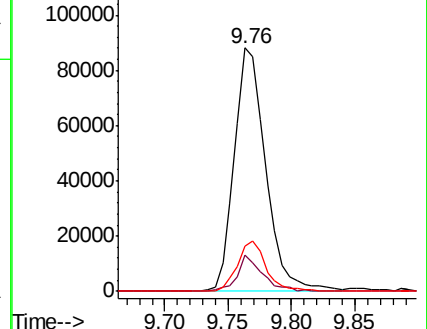
138 18.5 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016482.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016482.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016482.D (-1094) (-)



#26

2-Nitrophenol

Concen: 8.426 ng

RT: 9.98 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

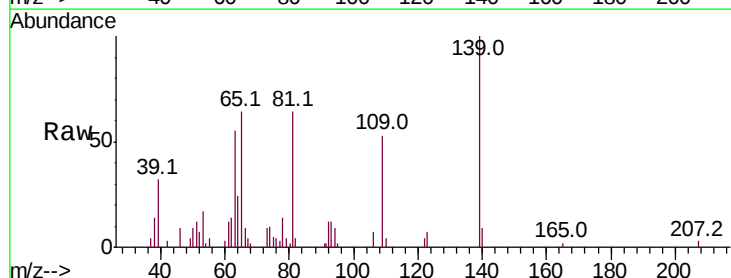
Tgt Ion: 139 Resp: 41349

Ion Ratio Lower Upper

139 100

109 53.1 20.1 30.1#

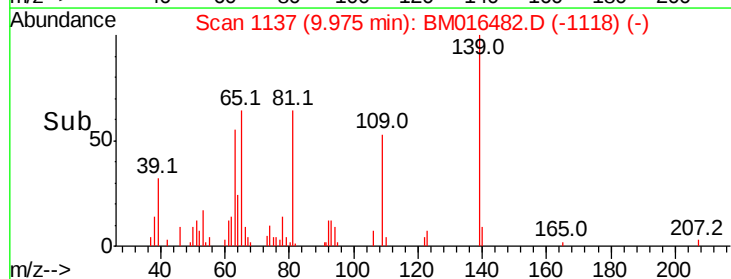
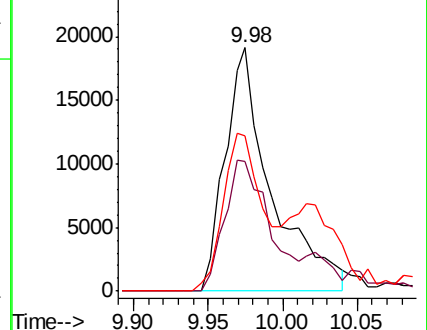
65 63.6 31.5 47.3#

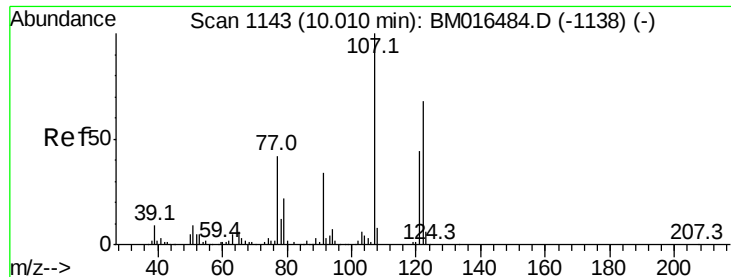


Abundance Ion 139.00 (138.70 to 139.70): BM016482.D (-1118) (-)

Ion 109.00 (108.70 to 109.70): BM016482.D (-1118) (-)

Ion 65.00 (64.70 to 65.70): BM016482.D (-1118) (-)

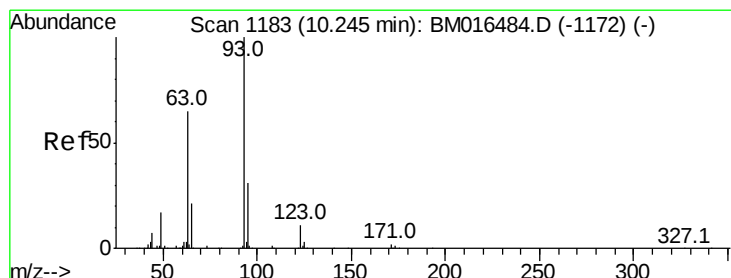
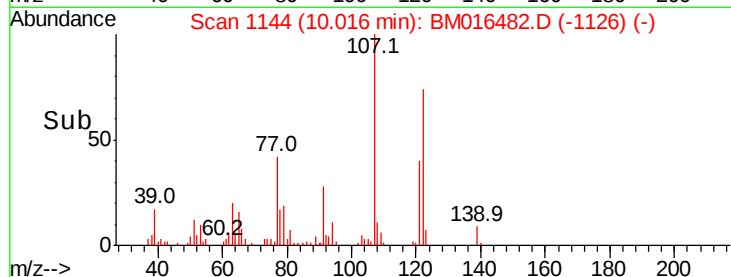
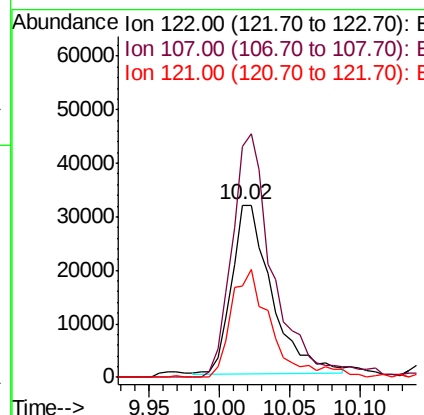
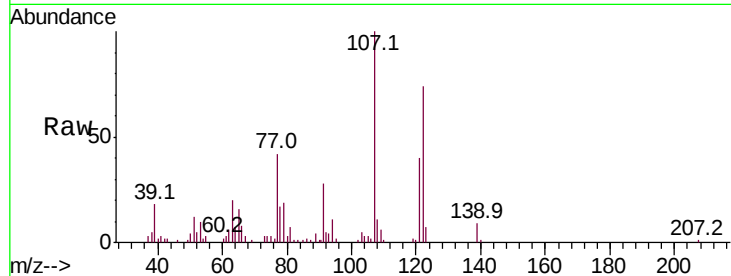




#27
 2,4-Dimethylphenol
 Concen: 9.654 ng
 RT: 10.02 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

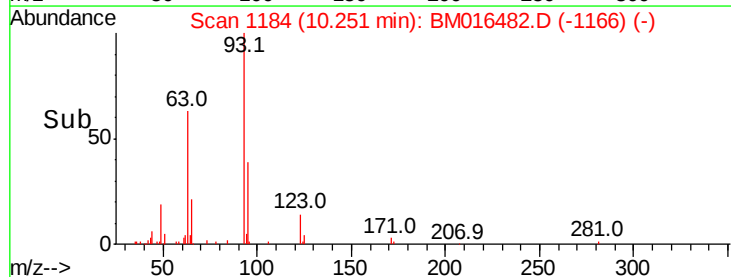
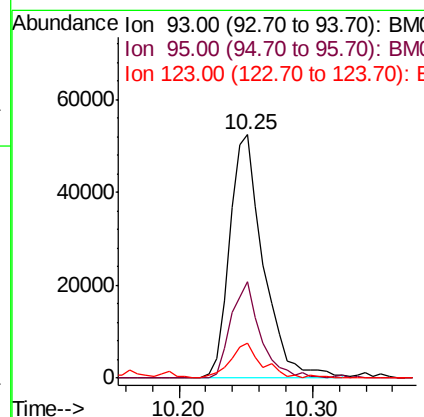
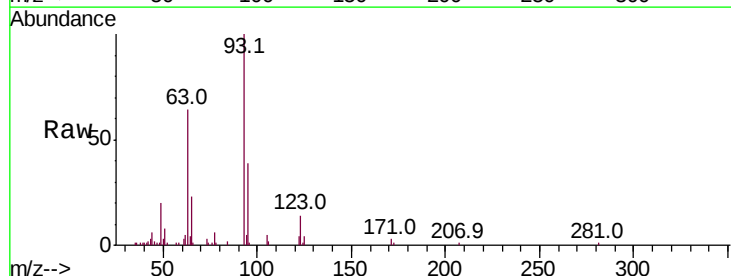
Instrument :
 BNA_M
 ClientSampleId :

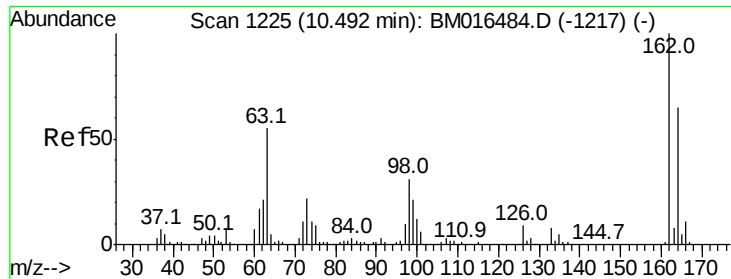
Tot Ion:122 Resp: 63333
 Ion Ratio Lower Upper
 122 100
 107 134.3 84.7 127.1#
 121 53.2 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.935 ng
 RT: 10.25 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Tgt Ion: 93 Resp: 92760
 Ion Ratio Lower Upper
 93 100
 95 39.5 25.5 38.3#
 123 14.5 8.6 13.0#

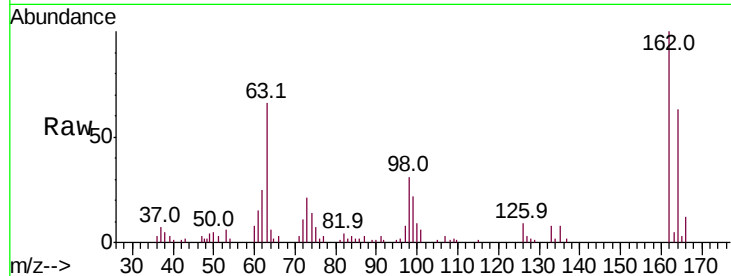




#29
 2,4-Dichlorophenol
 Concen: 10.260 ng
 RT: 10.51 min Scan# 1228
 Delta R.T. 0.02 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.8	82.8
98	31.2	14.5	54.5

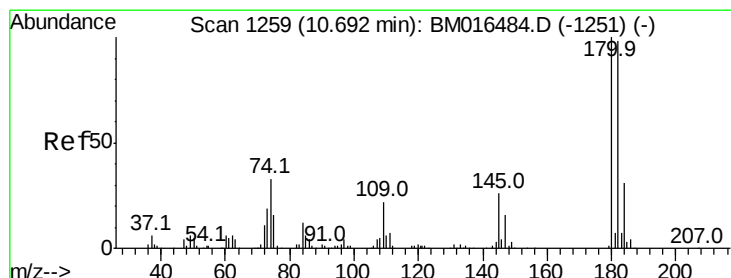
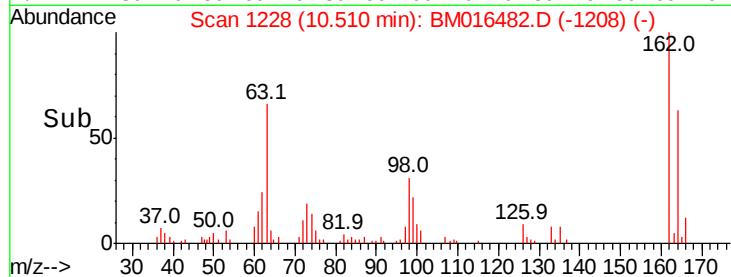
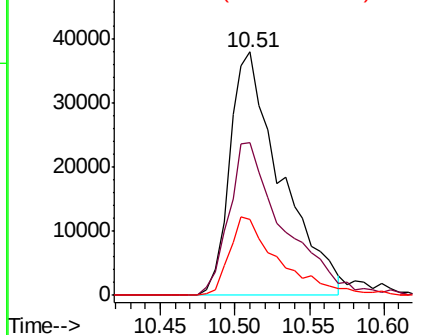


Abundance

Ion 162.00 (161.70 to 162.70): E

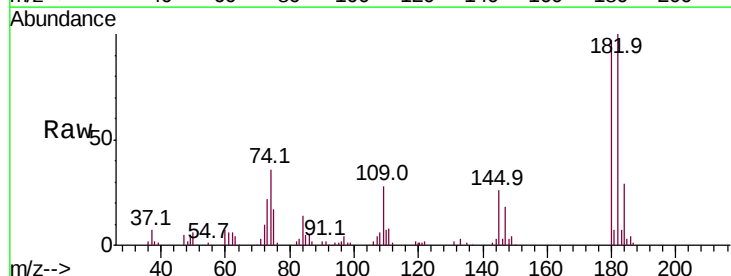
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 13.135 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.8	77.6	116.4
145	26.6	23.4	35.2

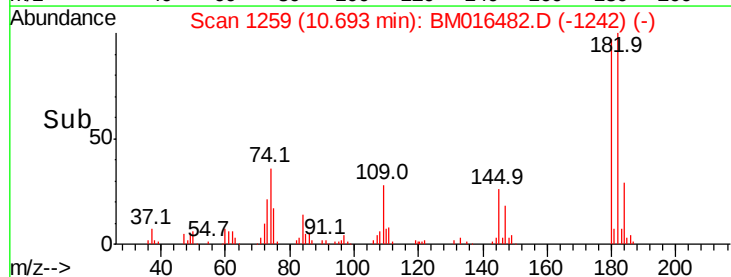
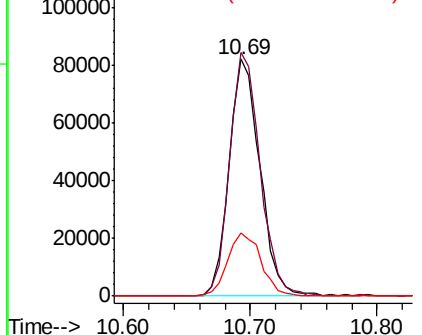


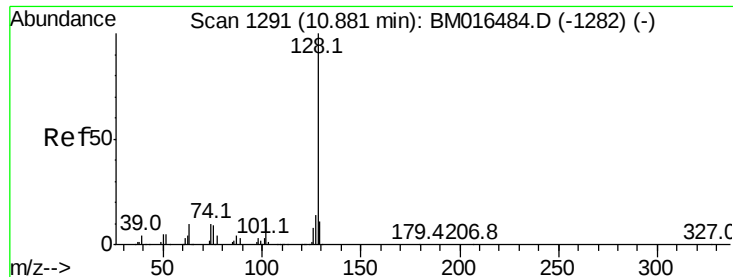
Abundance

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

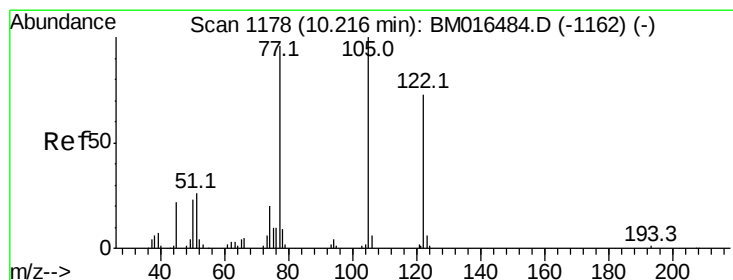
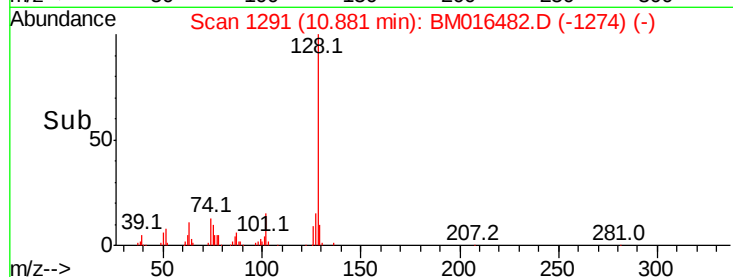
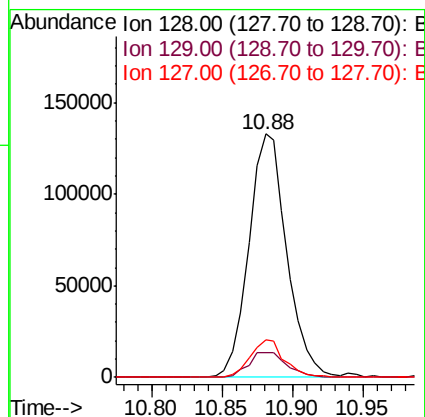
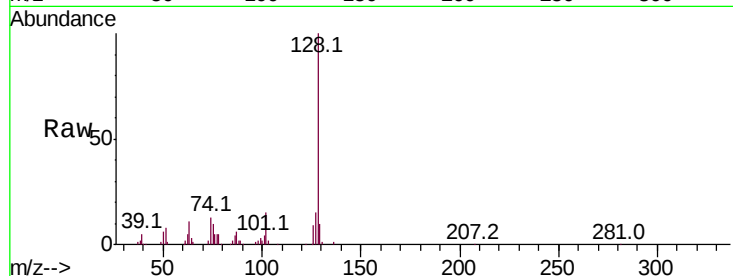




#31
Naphthalene
Concen: 9.808 ng
RT: 10.88 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

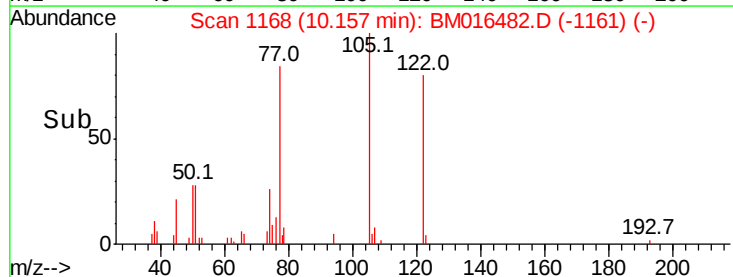
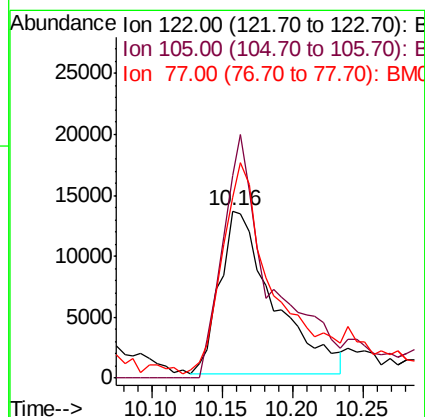
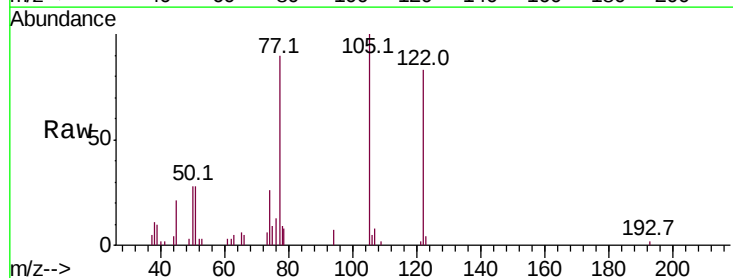
Instrument :
BNA_M
ClientSampleId :

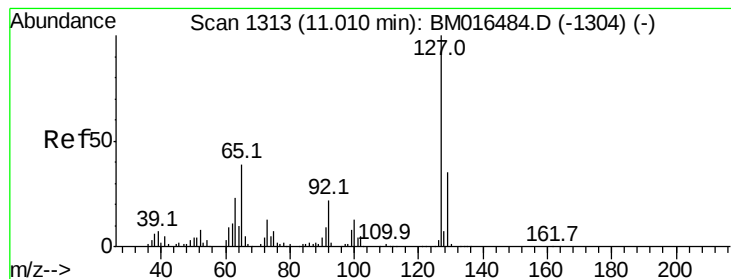
Tot Ion:128	Resp:	250702
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.9 13.3
127	15.2	10.4 15.6



#32
Benzoic acid
Concen: 6.720 ng
RT: 10.16 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion:122	Resp:	35807
Ion Ratio	Lower	Upper
122	100	
105	120.9	99.9 139.9
77	108.4	73.7 113.7





#33

4-Chloroaniline

Concen: 8.983 ng

RT: 11.02 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BM016482.D

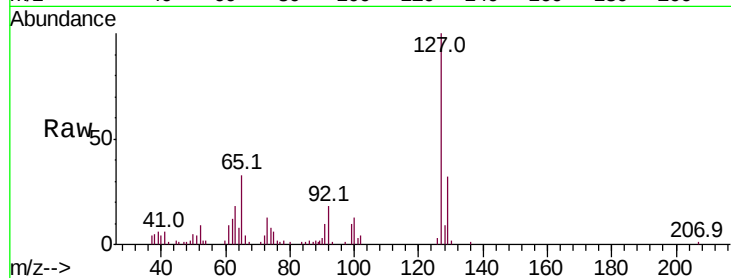
Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	127	Resp:	98402
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.3	37.9
65	32.8	17.6	26.4
92	17.7	13.1	19.7

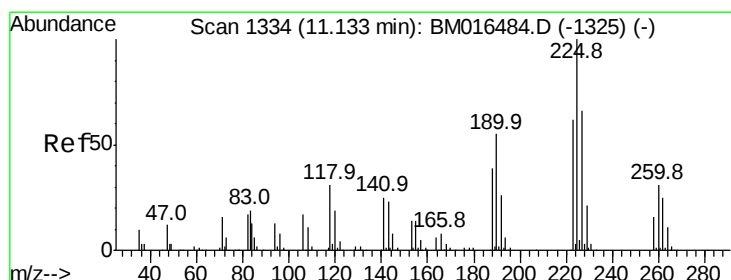
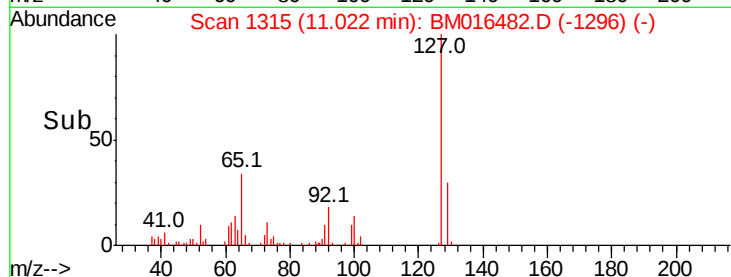
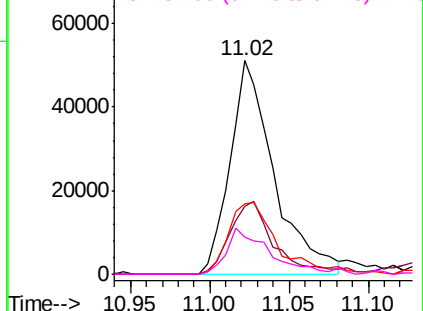


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 14.925 ng

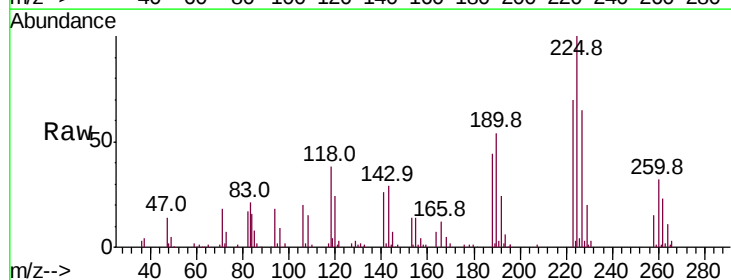
RT: 11.13 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

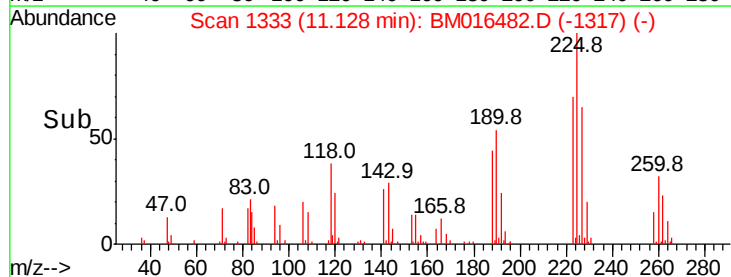
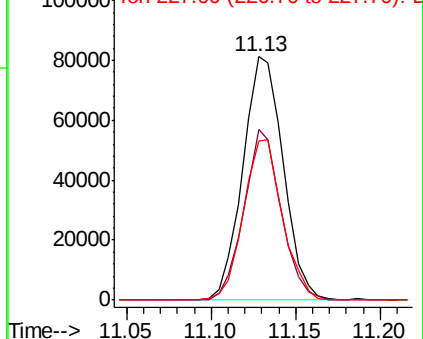
Tgt Ion:	225	Resp:	134922
Ion	Ratio	Lower	Upper
225	100		
223	70.0	47.9	71.9
227	68.5	50.1	75.1

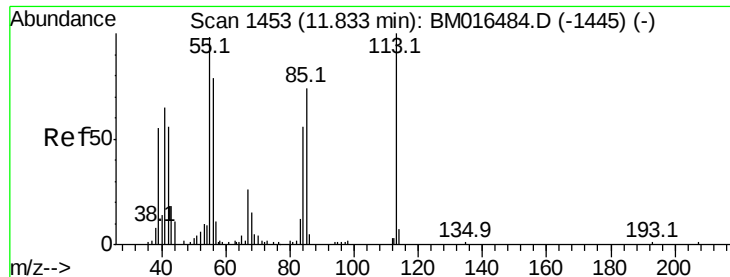


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.075 ng

RT: 11.82 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampled :

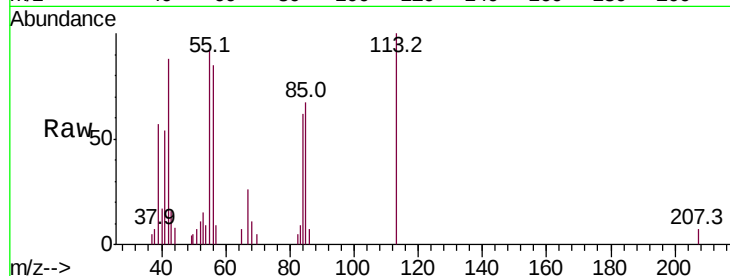
Tot Ion:113 Resp: 18358

Ion Ratio Lower Upper

113 100

55 92.4 145.9 185.9#

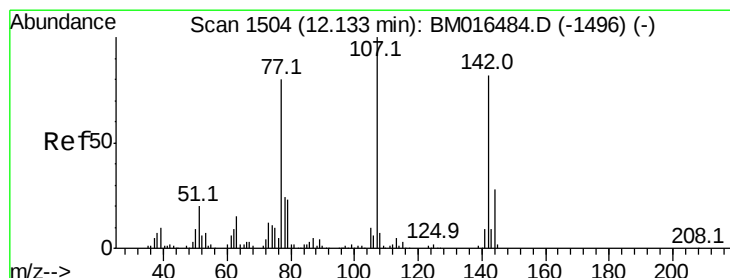
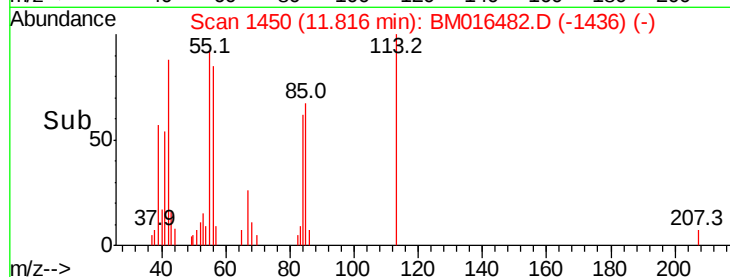
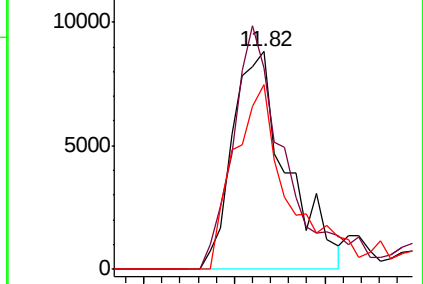
56 84.7 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 7.950 ng

RT: 12.14 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

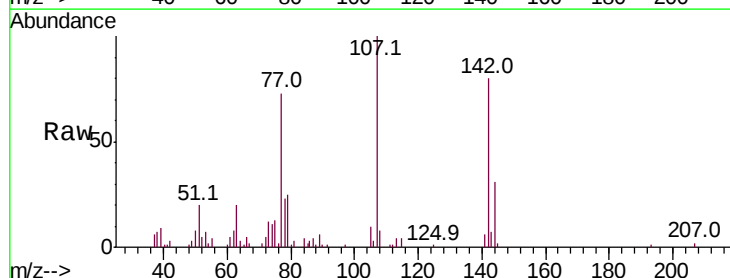
Tgt Ion:107 Resp: 80393

Ion Ratio Lower Upper

107 100

144 31.4 23.3 34.9

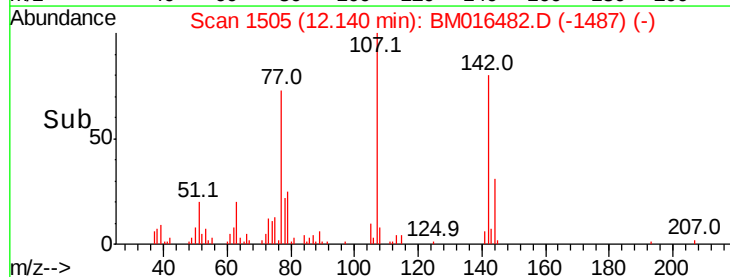
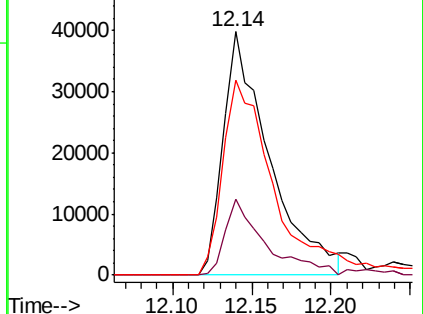
142 79.9 72.6 109.0

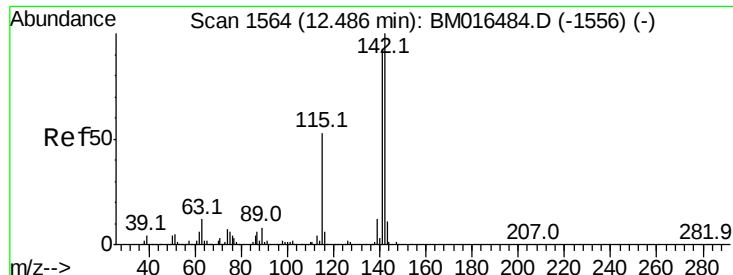


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

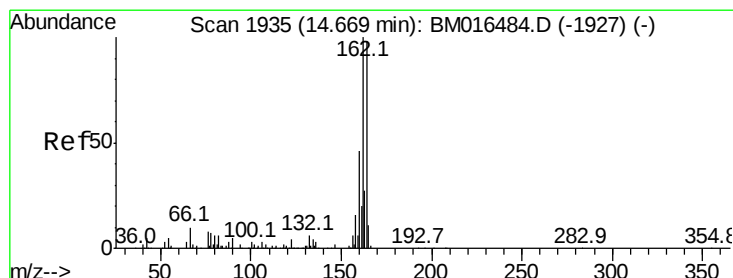
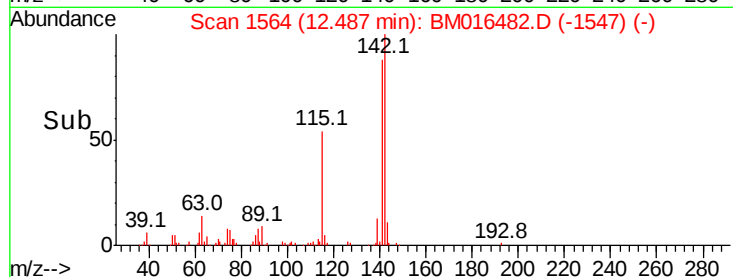
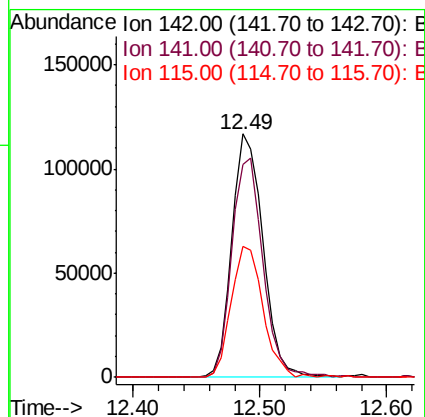
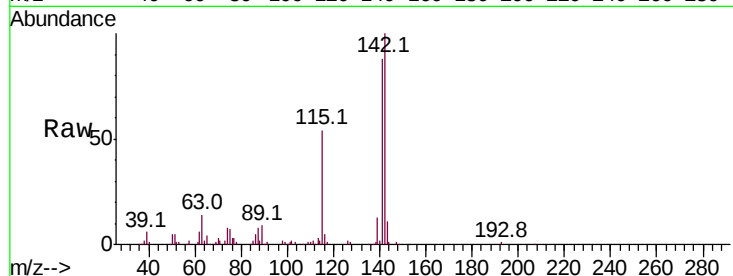




#37
2-Methylnaphthalene
Concen: 10.460 ng
RT: 12.49 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

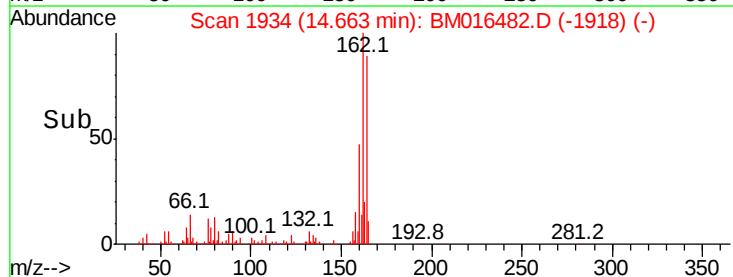
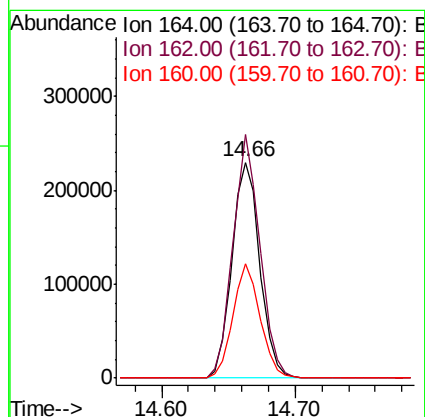
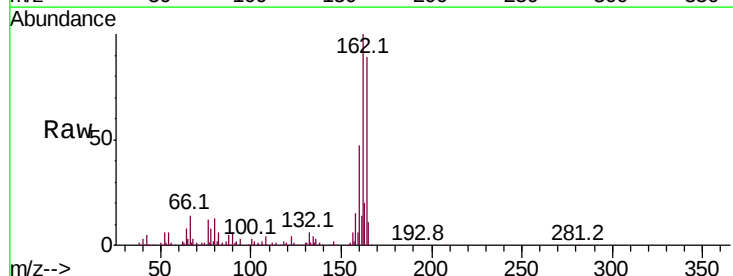
Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.9	107.9
115	53.6	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.8	82.4	123.6
160	52.8	35.8	53.6

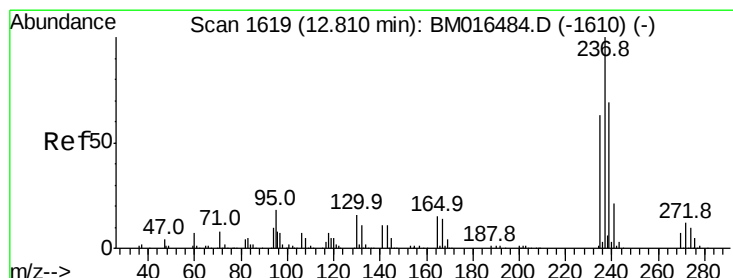
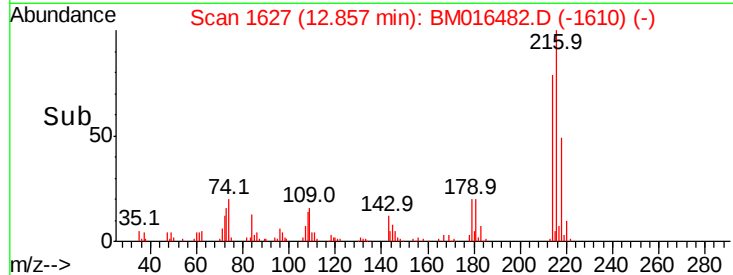
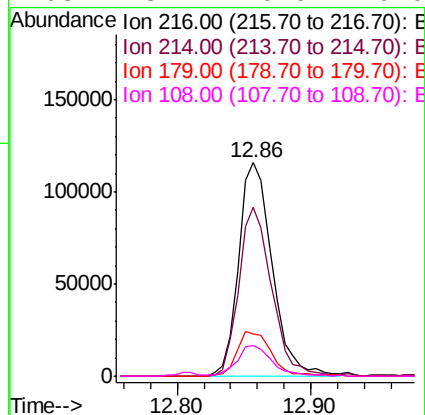
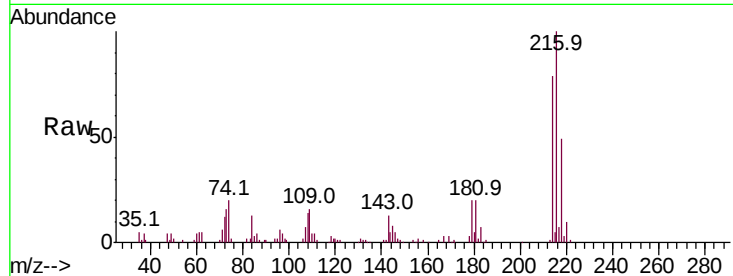




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.663 ng
 RT: 12.86 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

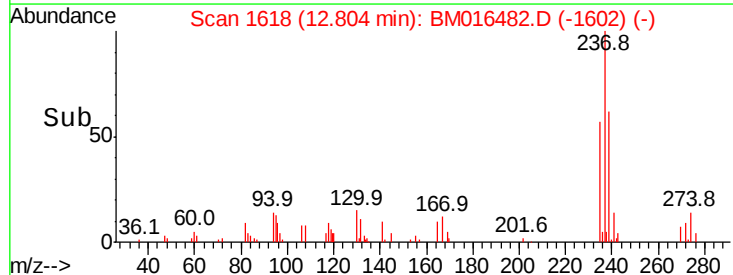
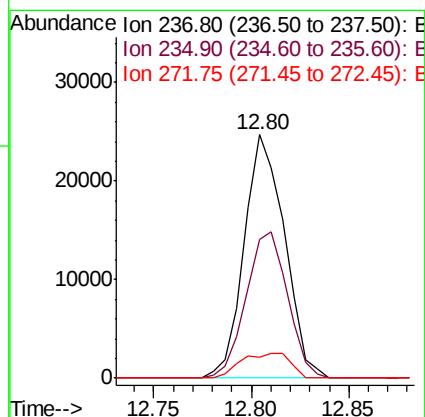
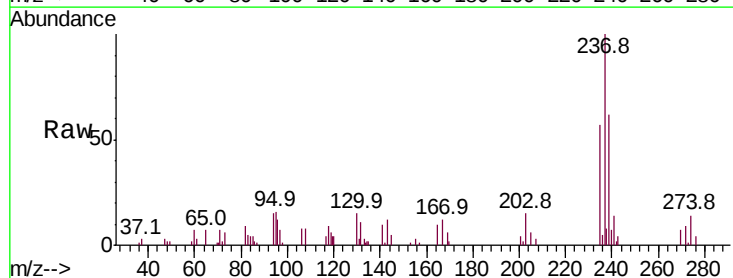
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	201503
Ion	Ratio	Lower	Upper
216	100		
214	77.4	0.0	0.0#
179	21.5	0.0	0.0#
108	15.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 8.281 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Tgt Ion:	237	Resp:	35315
Ion	Ratio	Lower	Upper
237	100		
235	57.0	42.0	82.0
272	8.6	0.0	33.4

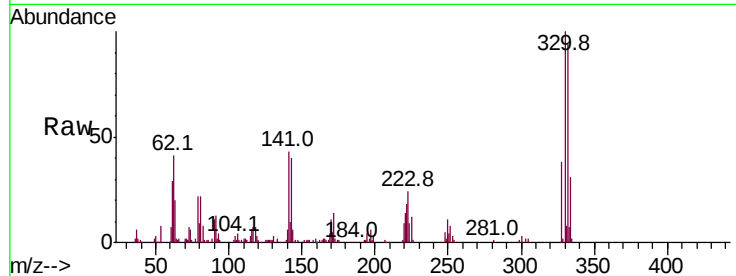




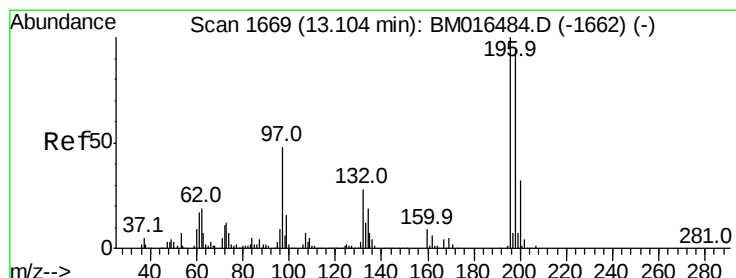
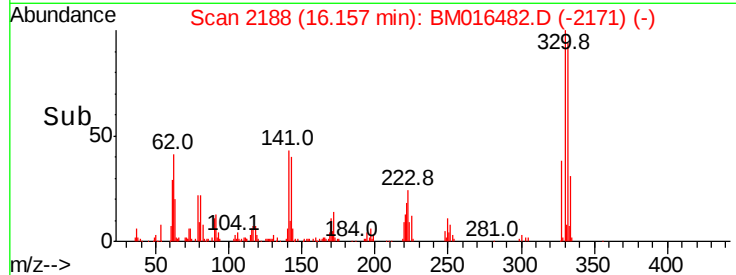
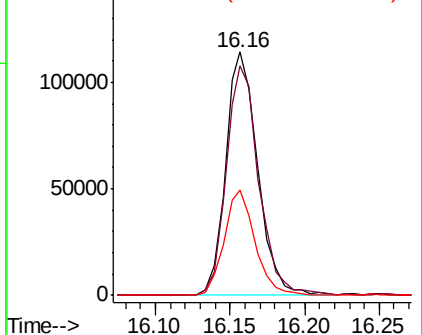
#41
2,4,6-Tribromophenol
Concen: 8.281 ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 171482
Ion Ratio Lower Upper
330 100
332 95.7 0.0 0.0#
141 41.8 0.0 0.0#

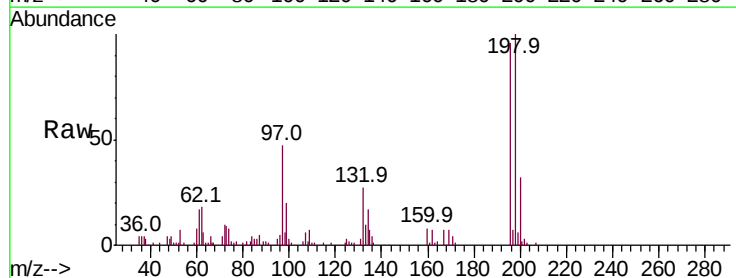


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

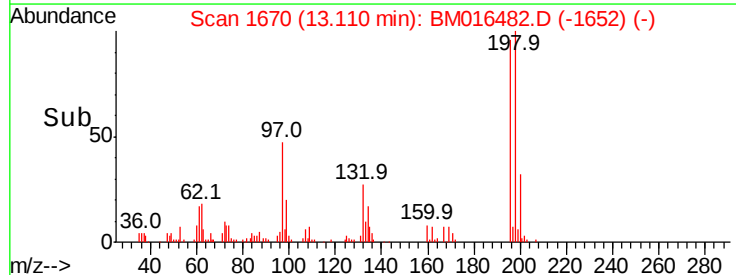
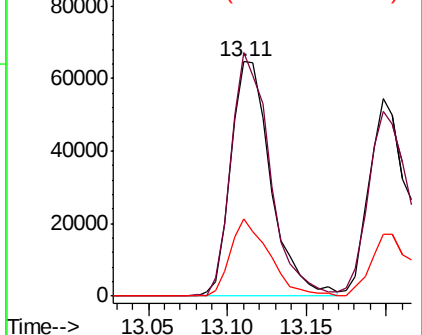


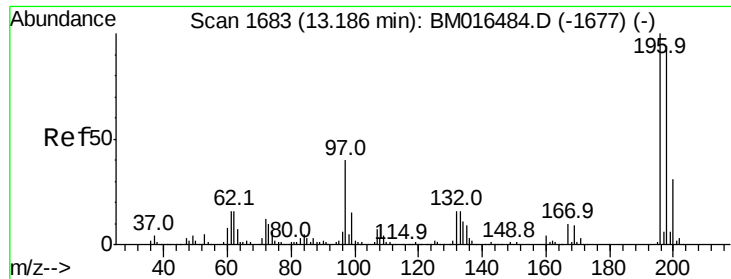
#42
2,4,6-Trichlorophenol
Concen: 13.207 ng
RT: 13.11 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion:196 Resp: 113433
Ion Ratio Lower Upper
196 100
198 104.0 76.3 114.5
200 32.8 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

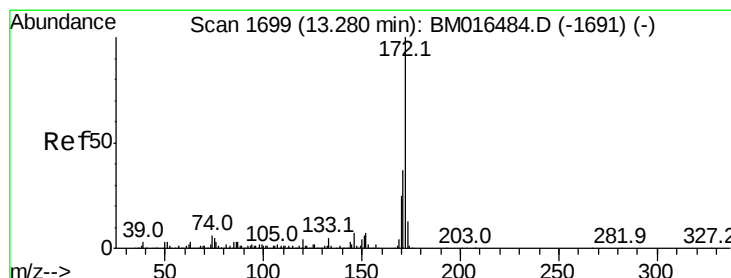
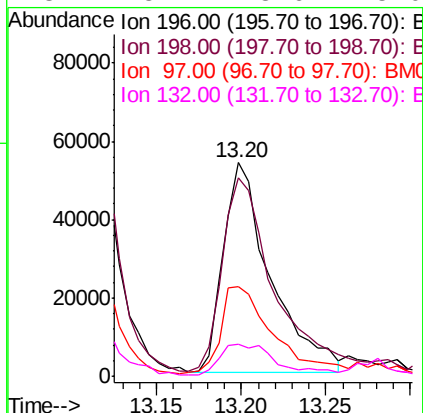
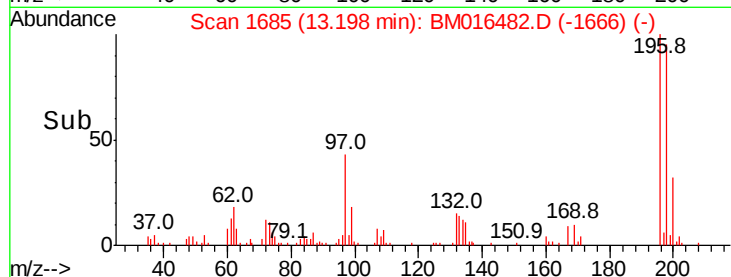
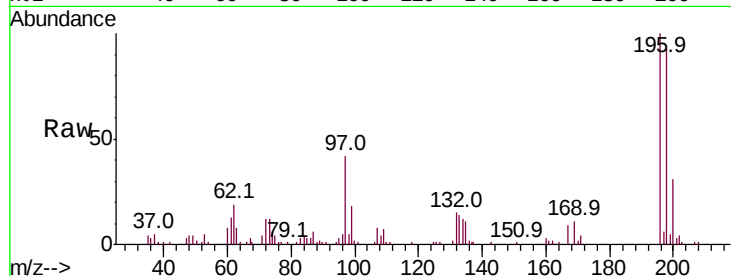




#43
2,4,5-Trichlorophenol
Concen: 12.402 ng
RT: 13.20 min Scan# 1685
Delta R.T. 0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

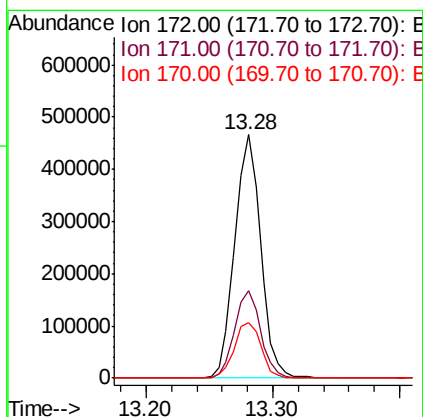
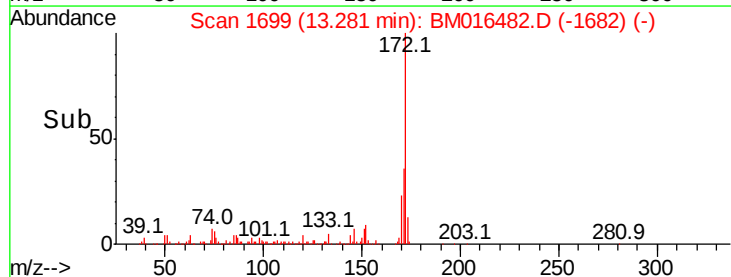
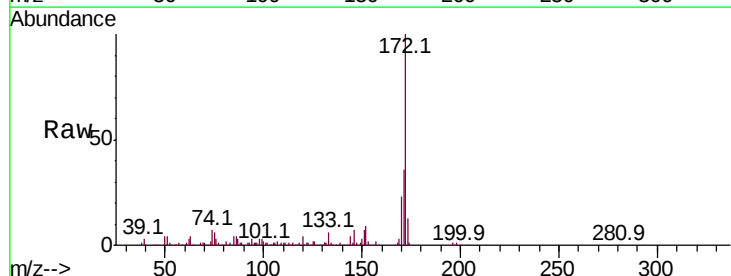
Instrument :
BNA_M
ClientSampleId :

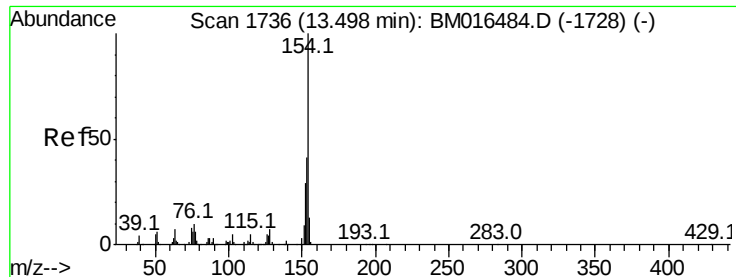
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	79.4	119.0
97	42.2	26.8	40.2
132	15.2	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 12.402 ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.7	18.8	28.2

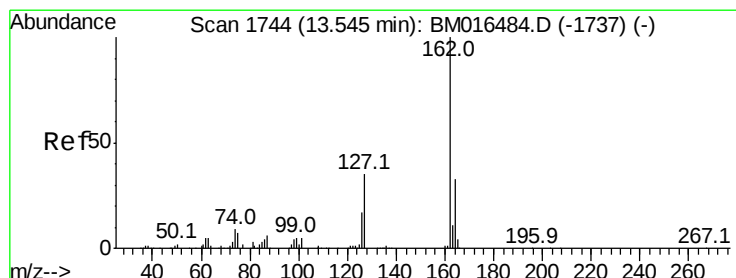
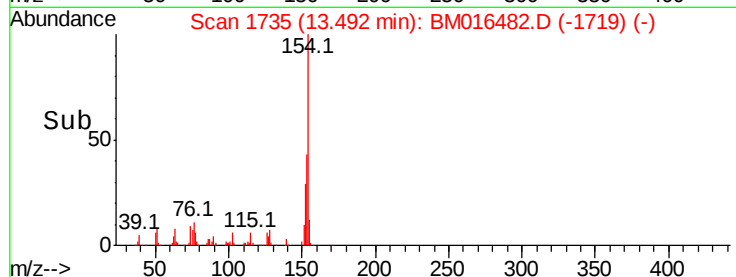
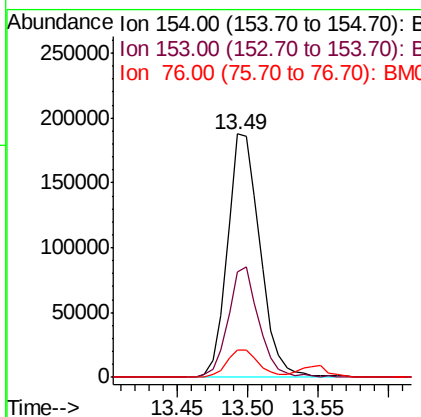
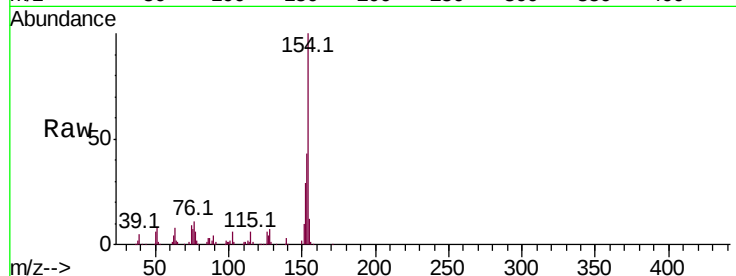




#45
 1,1'-Biphenyl
 Concen: 9.696 ng
 RT: 13.49 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

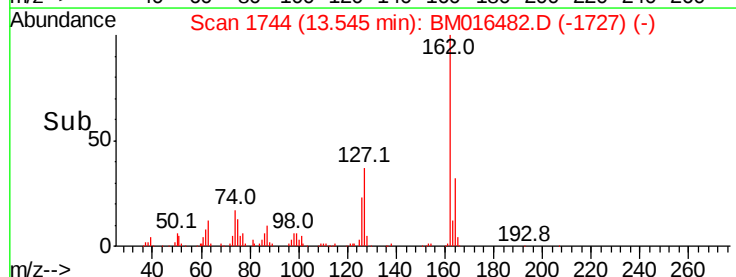
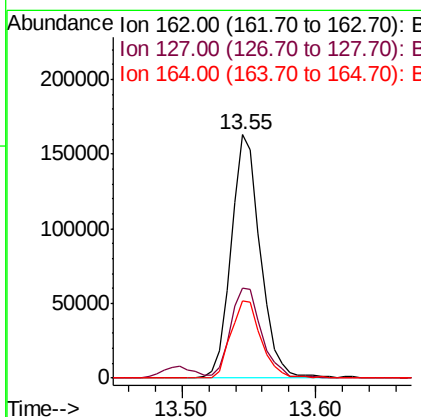
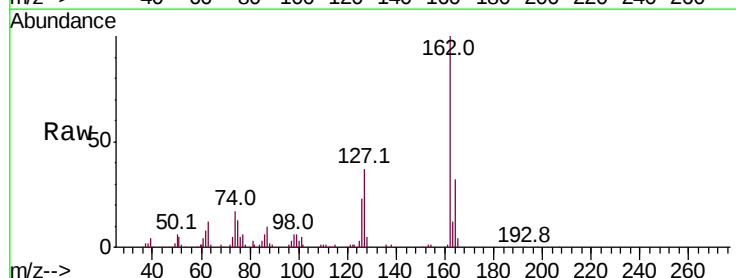
Instrument :
 BNA_M
 ClientSampleID :

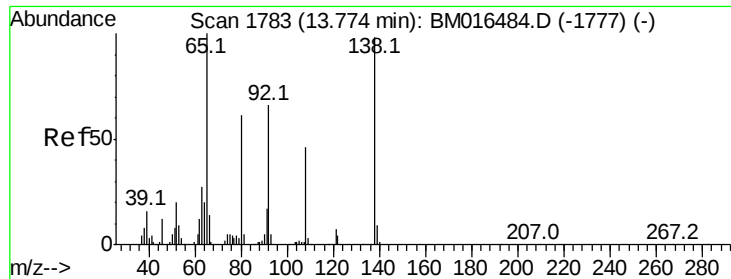
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	20.7	60.7
76	11.2	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 10.225 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	26.9	40.3
164	31.7	26.8	40.2





#47

2-Nitroaniline

Concen: 7.061 ng

RT: 13.79 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

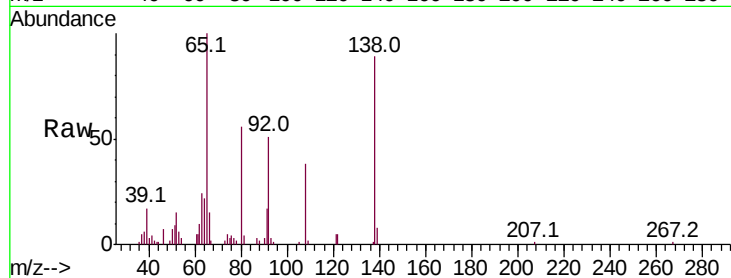
Tot Ion: 65 Resp: 59356

Ion Ratio Lower Upper

65 100

92 51.4 59.1 88.7#

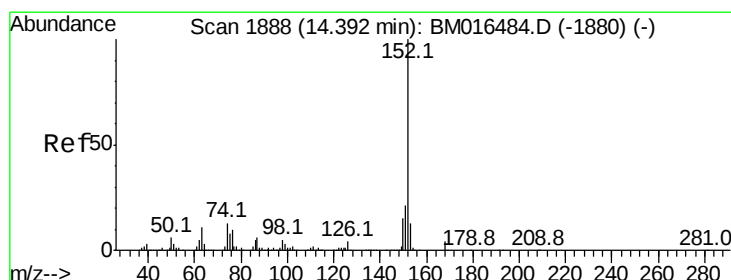
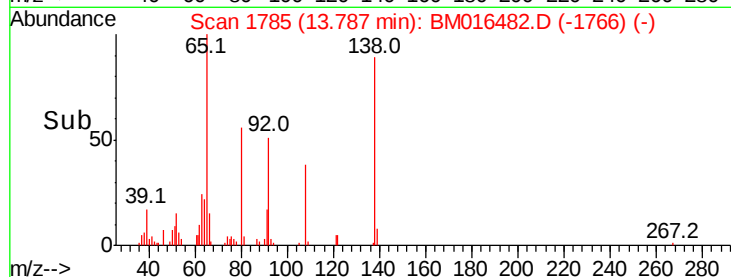
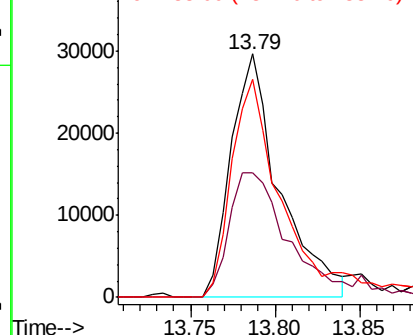
138 89.5 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM016482.D (-1777) (-)

Ion 92.00 (91.70 to 92.70): BM016482.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BM016482.D (-1777) (-)



#48

Acenaphthylene

Concen: 9.216 ng

RT: 14.39 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

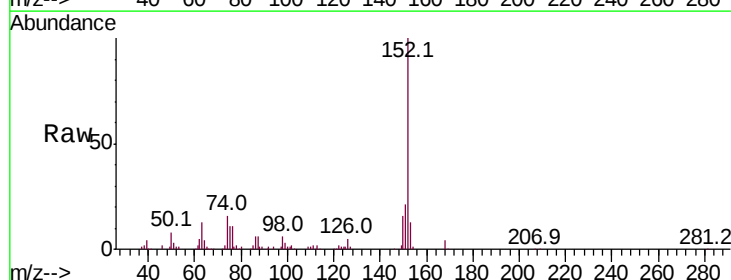
Tgt Ion: 152 Resp: 335900

Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

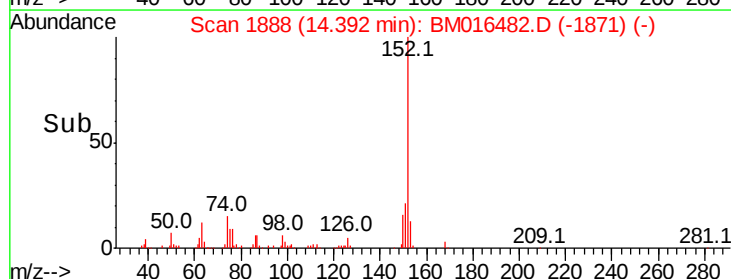
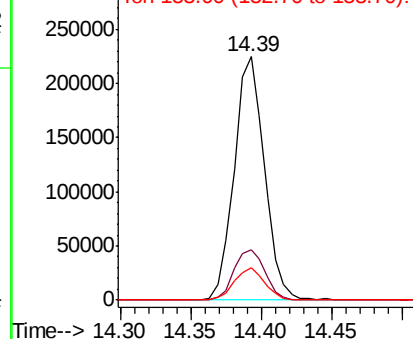
153 13.2 10.6 16.0

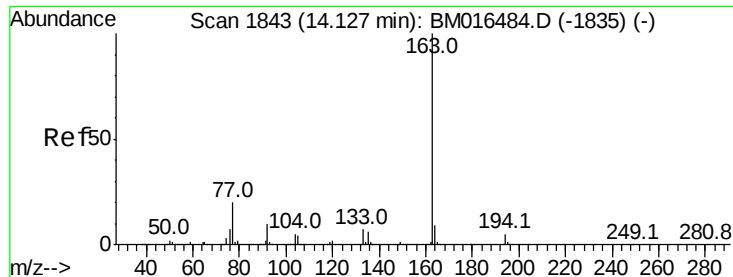


Abundance Ion 152.00 (151.70 to 152.70): BM016482.D (-1871) (-)

Ion 151.00 (150.70 to 151.70): BM016482.D (-1871) (-)

Ion 153.00 (152.70 to 153.70): BM016482.D (-1871) (-)

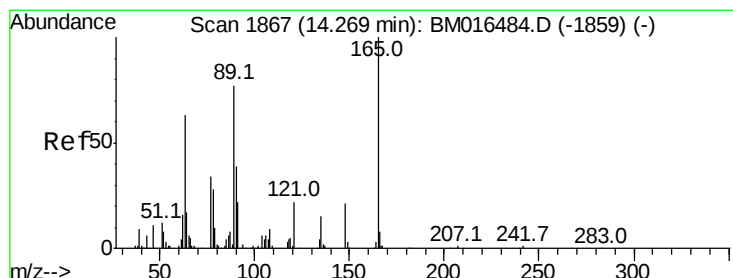
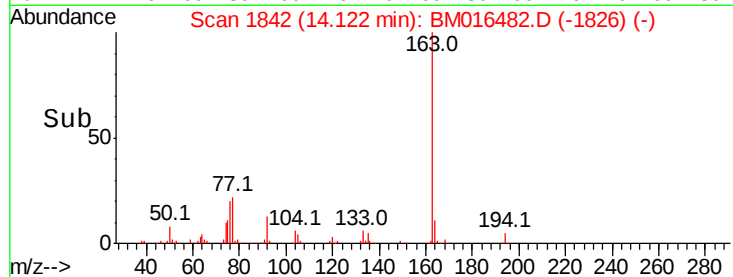
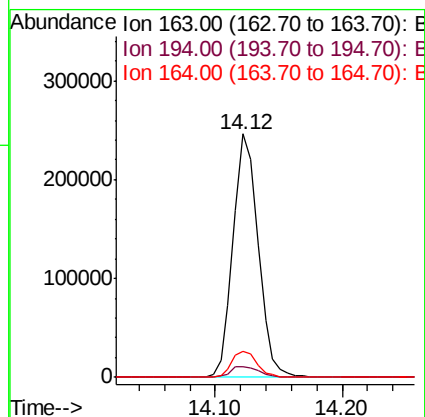
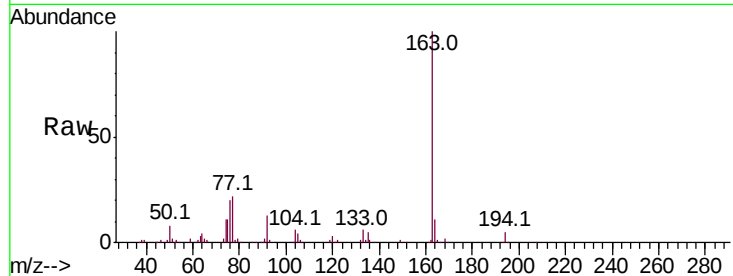




#49
Dimethylphthalate
Concen: 10.271 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

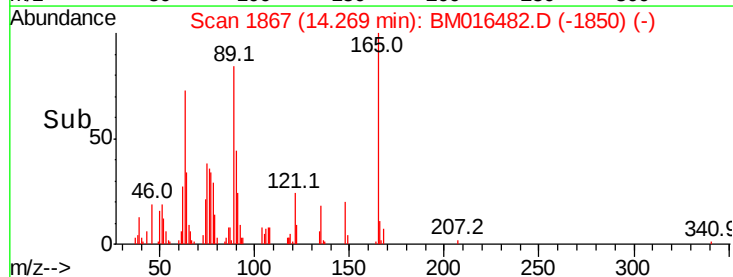
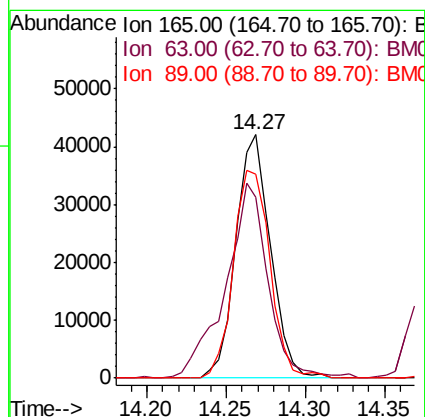
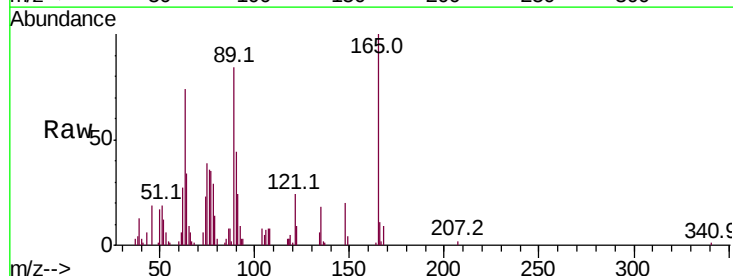
Instrument :
BNA_M
ClientSampleId :

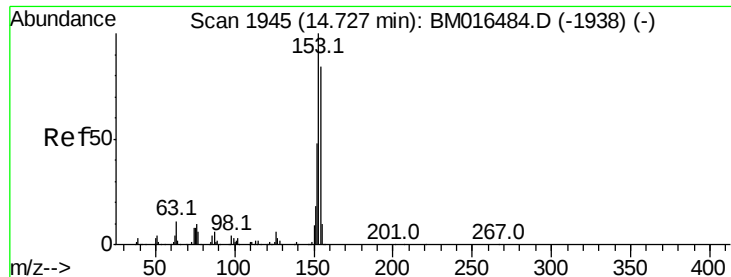
Tot Ion:163 Resp: 338131
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 10.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 10.209 ng
RT: 14.27 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion:165 Resp: 63789
Ion Ratio Lower Upper
165 100
63 74.2 44.1 66.1#
89 83.9 44.3 66.5#





#51

Acenaphthene

Concen: 9.685 ng

RT: 14.73 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

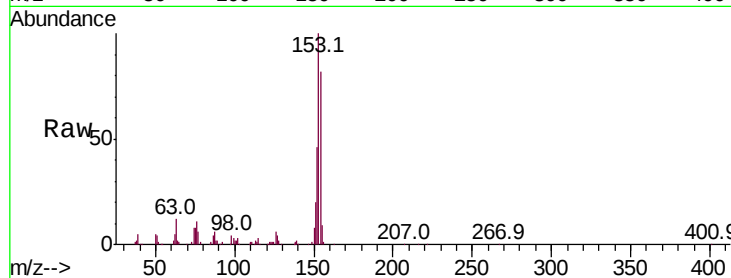
Tot Ion:154 Resp: 213031

Ion Ratio Lower Upper

154 100

153 121.4 90.0 135.0

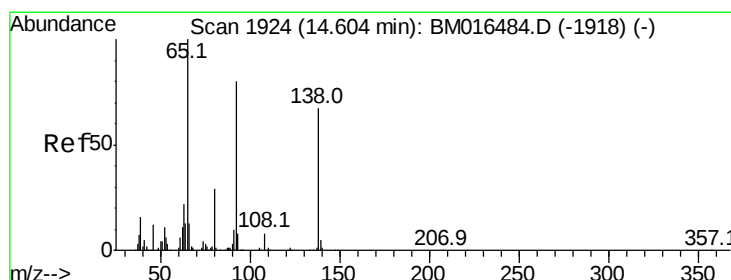
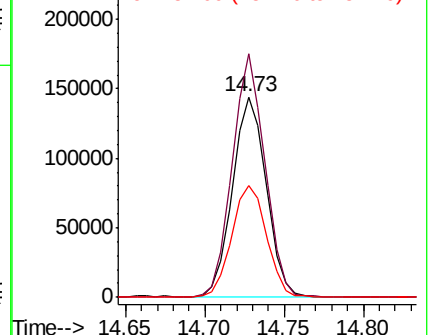
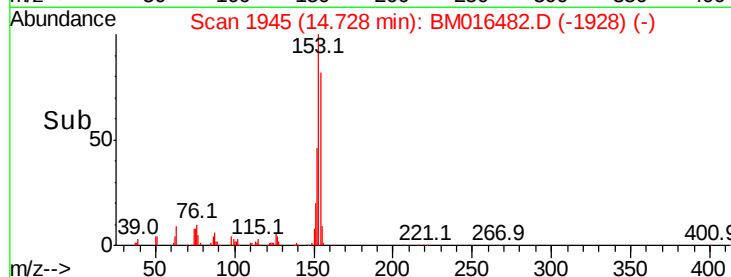
152 55.6 42.6 63.8



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: 8.042 ng

RT: 14.62 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

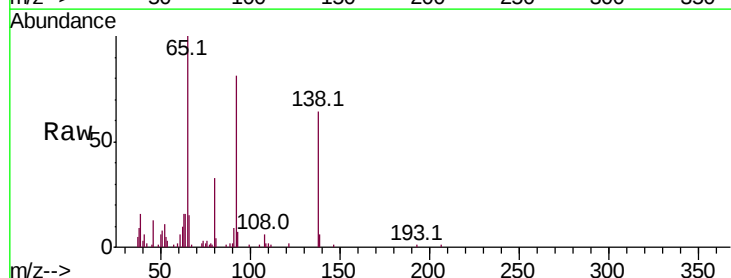
Tgt Ion:138 Resp: 49510

Ion Ratio Lower Upper

138 100

108 8.9 7.3 10.9

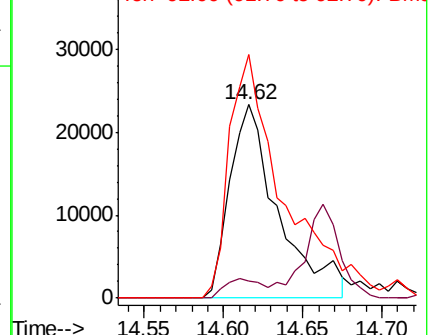
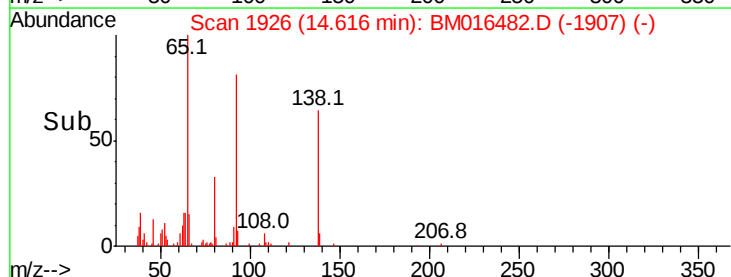
92 125.9 76.6 114.8#

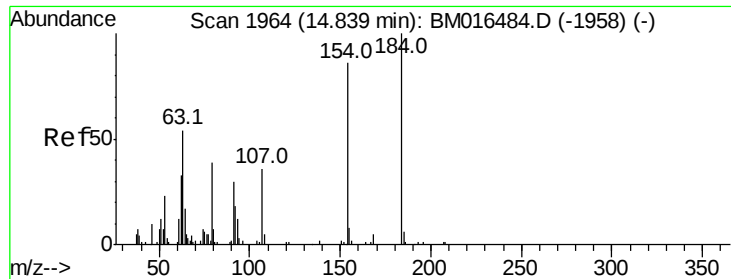


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

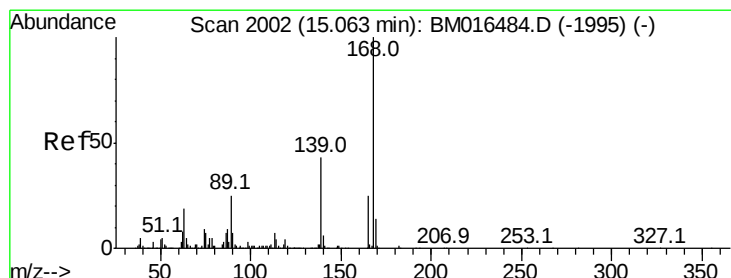
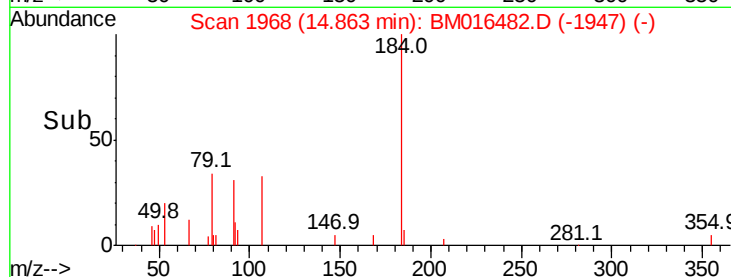
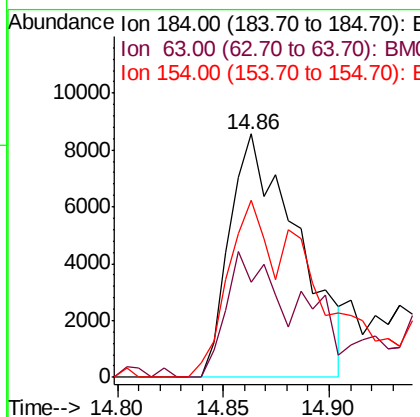
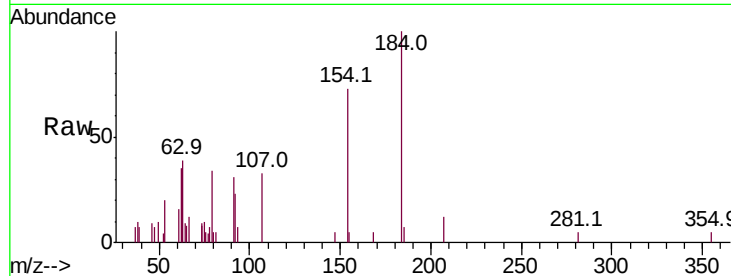




#53
2,4-Dinitrophenol
Concen: 6.991 ng
RT: 14.86 min Scan# 1968
Delta R.T. 0.02 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

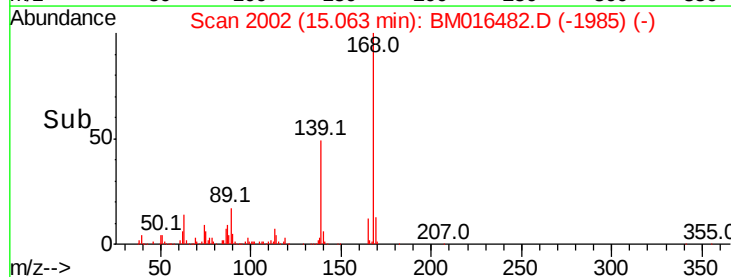
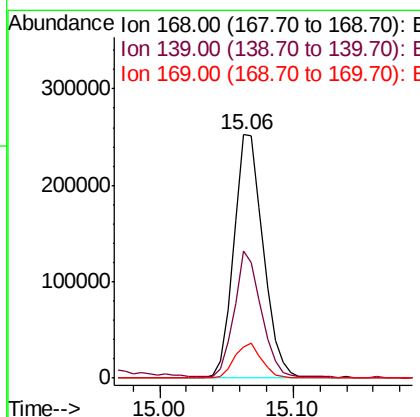
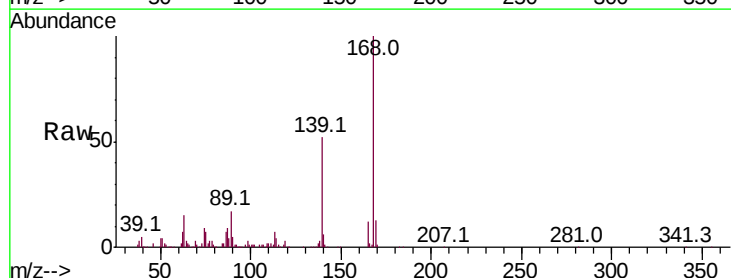
Instrument :
BNA_M
ClientSampleId :

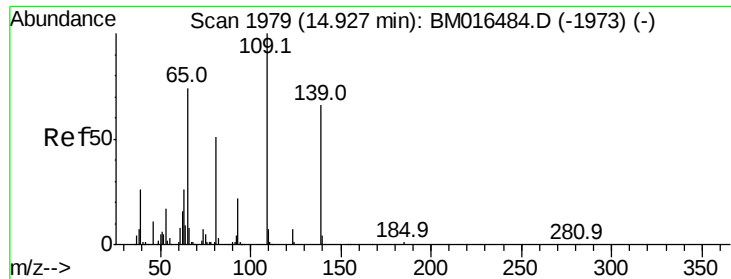
Tot Ion:184 Resp: 19053
Ion Ratio Lower Upper
184 100
63 39.3 69.2 103.8#
154 73.0 53.3 79.9



#54
Dibenzofuran
Concen: 10.039 ng
RT: 15.06 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion:168 Resp: 389092
Ion Ratio Lower Upper
168 100
139 52.2 27.3 40.9#
169 12.8 10.6 16.0

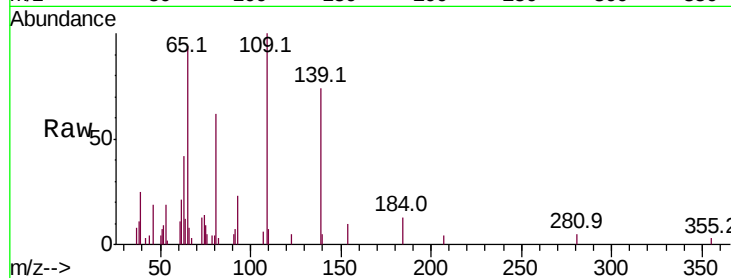




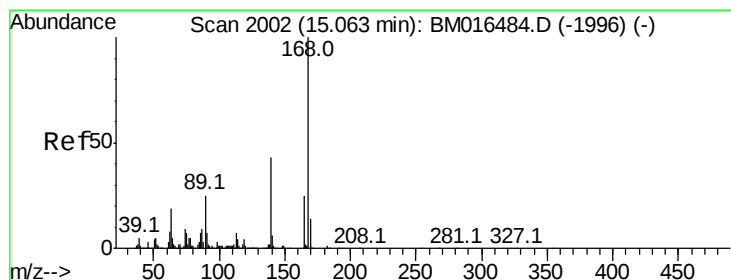
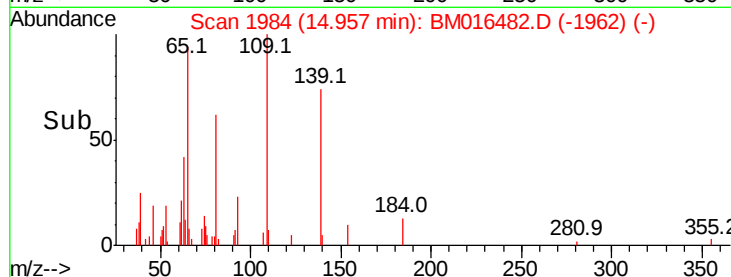
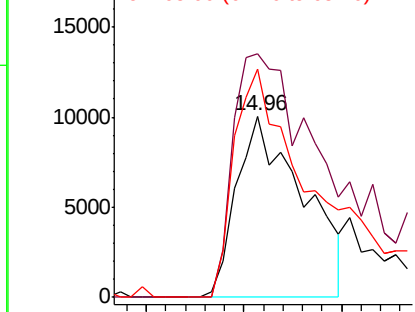
#55
4-Nitrophenol
Concen: 5.904 ng
RT: 14.96 min Scan# 1984
Delta R.T. 0.03 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 23741
Ion Ratio Lower Upper
139 100
109 134.5 130.0 170.0
65 125.8 130.0 170.0#

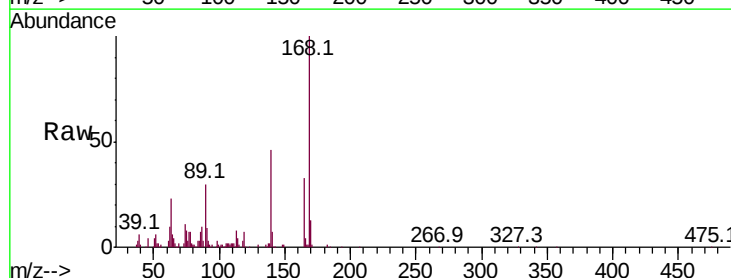


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

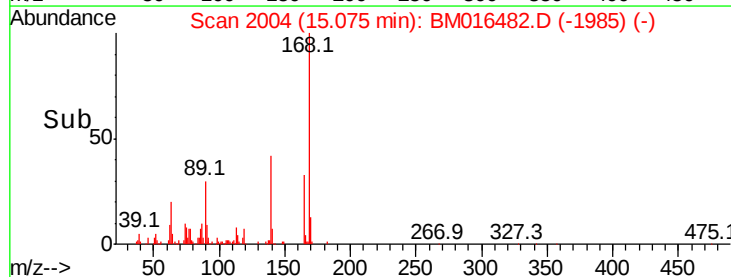
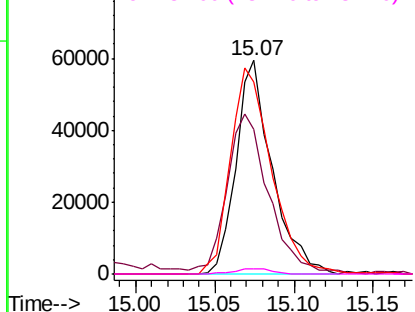


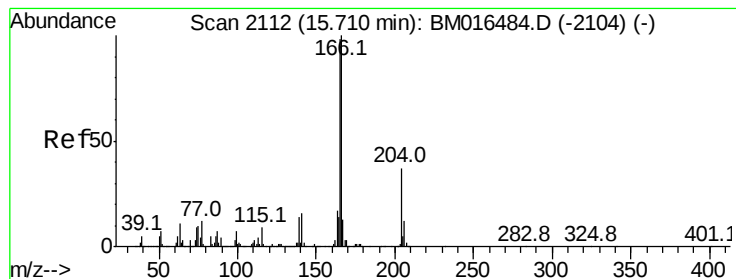
#56
2,4-Dinitrotoluene
Concen: 8.971 ng
RT: 15.07 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion:165 Resp: 93699
Ion Ratio Lower Upper
165 100
63 68.0 52.4 78.6
89 90.0 72.4 108.6
182 2.1 2.0 3.0



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





#57

Fluorene

Concen: 9.643 ng

RT: 15.72 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampled :

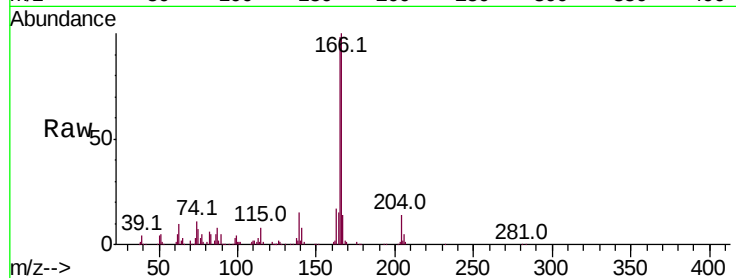
Tot Ion:166 Resp: 285526

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

167 13.9 10.3 15.5

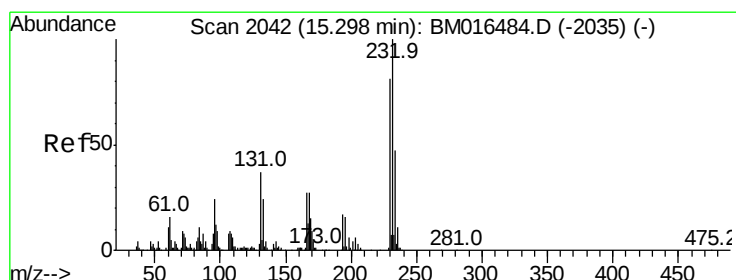
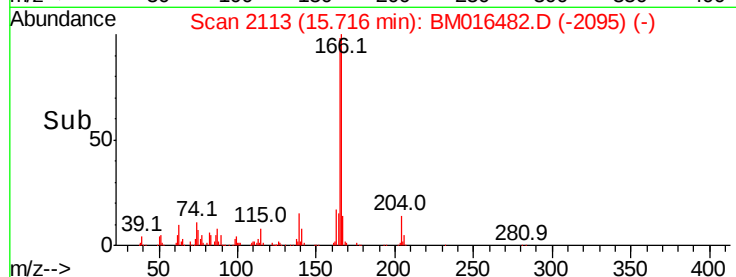
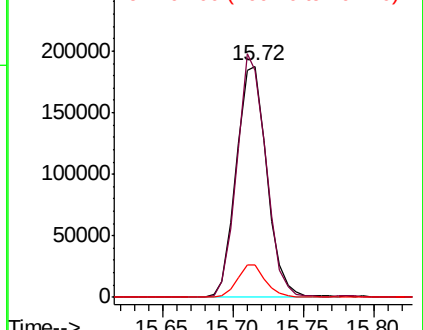


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 13.572 ng

RT: 15.30 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Tgt Ion:232 Resp: 106555

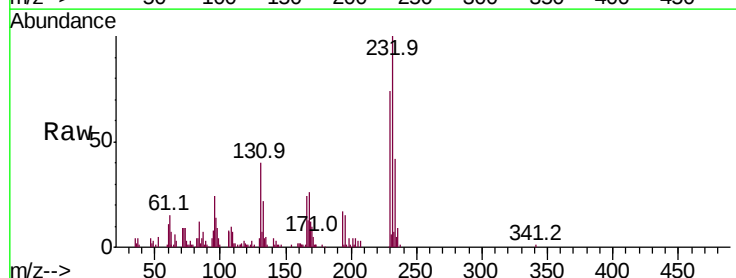
Ion Ratio Lower Upper

232 100

131 42.0 0.0 0.0#

130 3.1 0.0 0.0#

166 25.1 0.0 0.0#



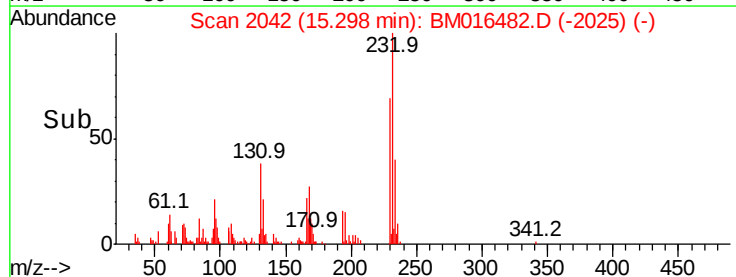
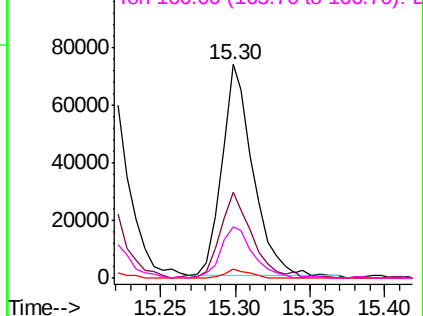
Abundance

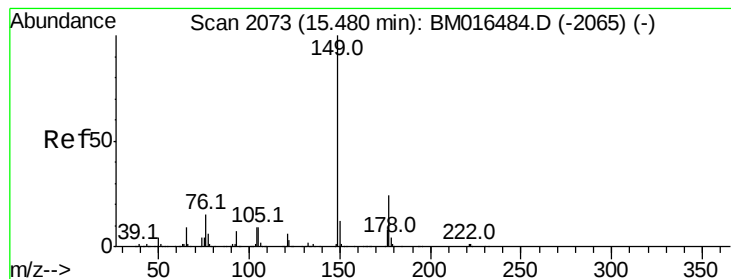
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 9.388 ng

RT: 15.47 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

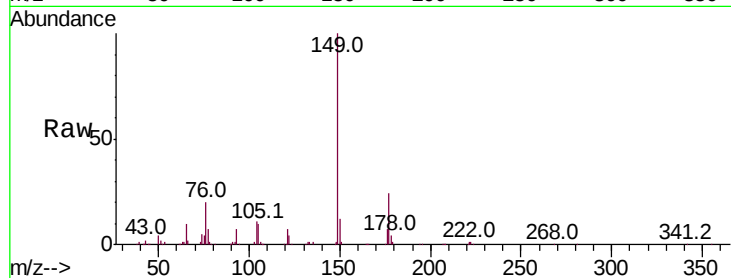
Tot Ion:149 Resp: 350678

Ion Ratio Lower Upper

149 100

177 23.6 18.3 27.5

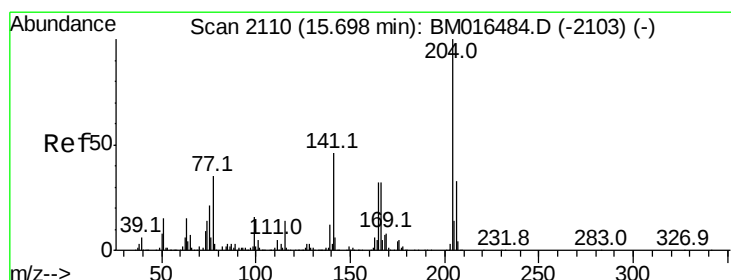
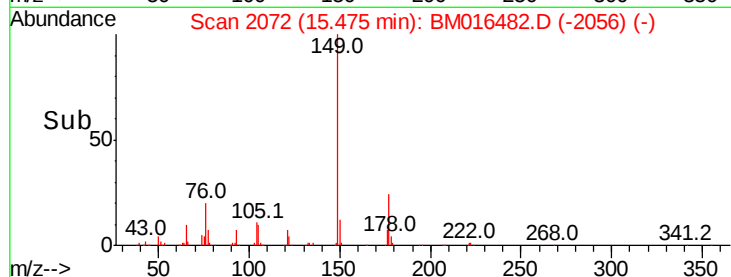
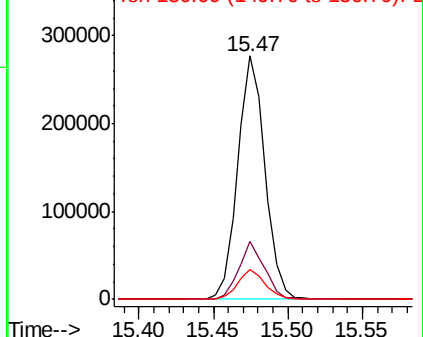
150 12.1 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 13.246 ng

RT: 15.70 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

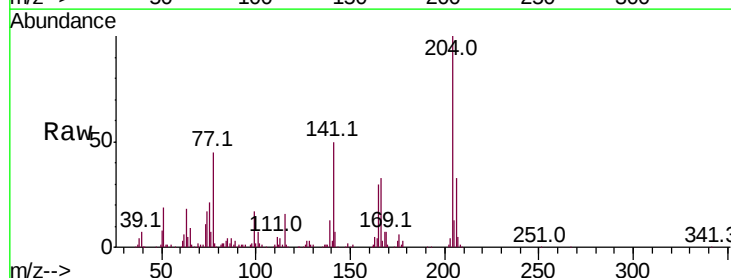
Tgt Ion:204 Resp: 248141

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

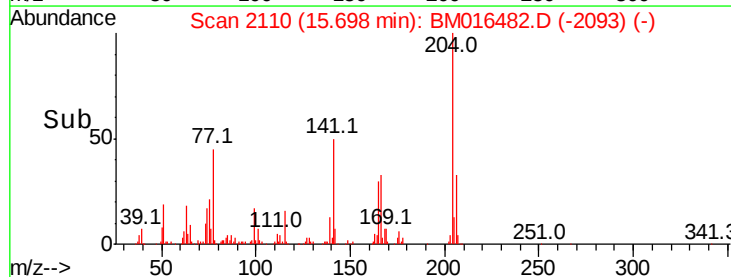
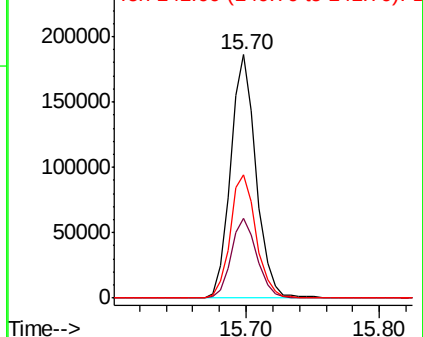
141 50.5 45.2 67.8

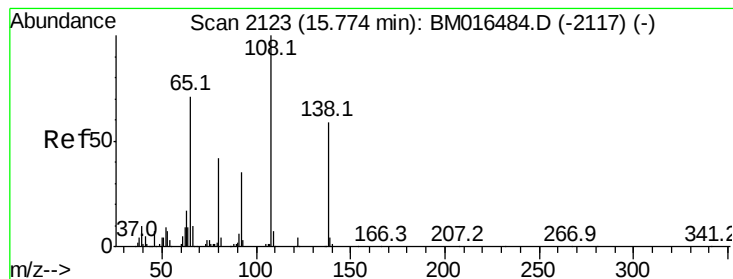


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 8.413 ng

RT: 15.77 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

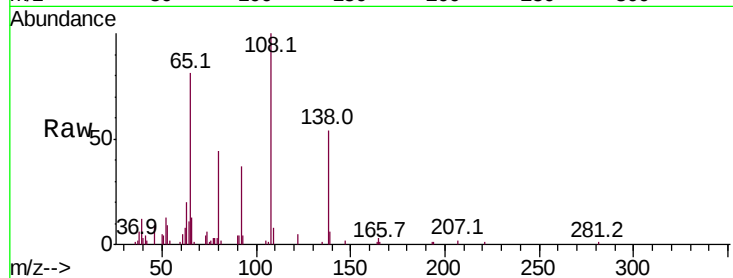
Tot Ion:138 Resp: 50078

Ion Ratio Lower Upper

138 100

92 67.8 16.7 56.7#

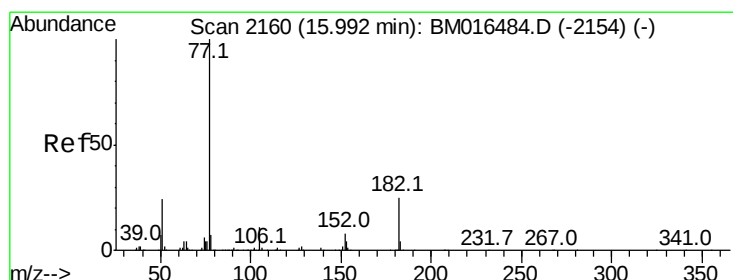
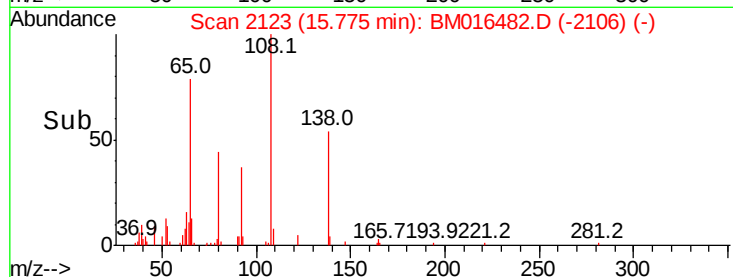
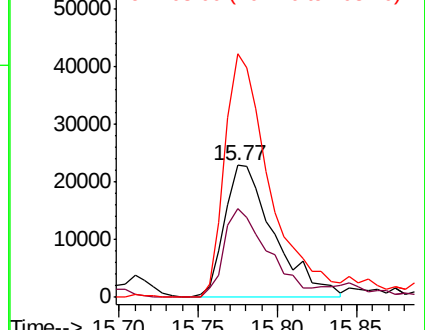
108 184.8 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 9.055 ng

RT: 15.99 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Tgt Ion: 77 Resp: 390082

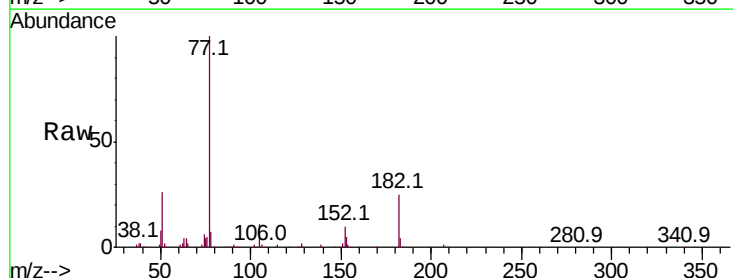
Ion Ratio Lower Upper

77 100

182 25.3 6.5 46.5

105 11.3 3.8 43.8

51 25.6 5.5 45.5

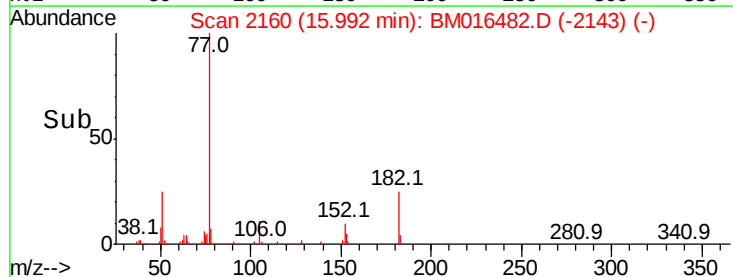
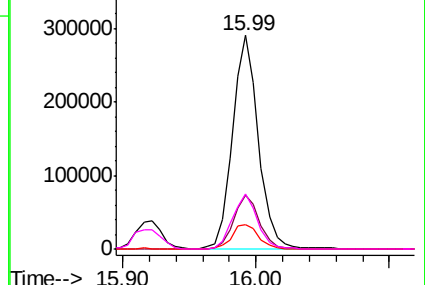


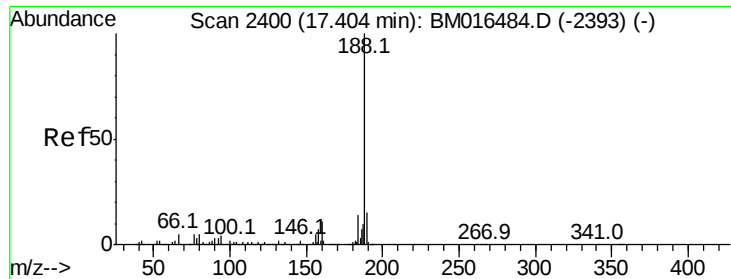
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

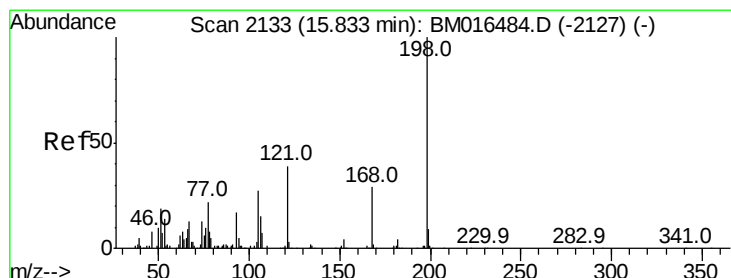
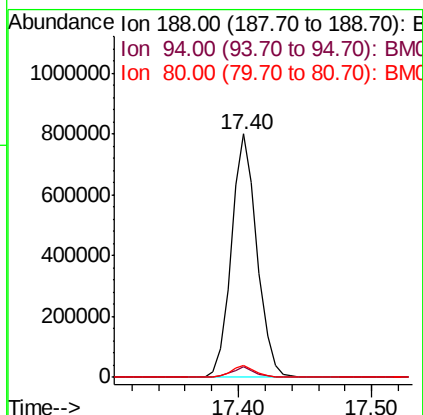
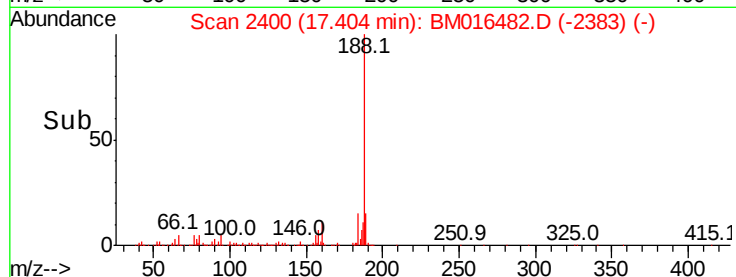
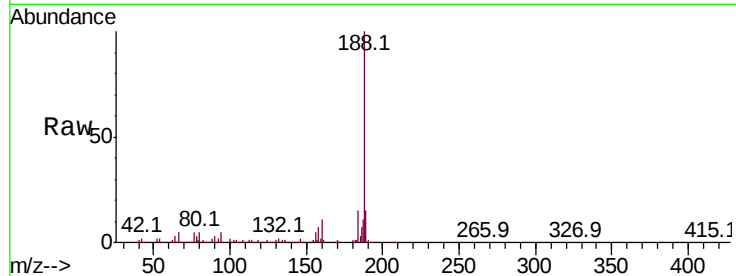
Tot Ion:188 Resp: 1067328

Ion Ratio Lower Upper

188 100

94 4.5 8.7 13.1#

80 4.7 9.3 13.9#



#64

4,6-Dinitro-2-methylphenol

Concen: 9.181 ng

RT: 15.84 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

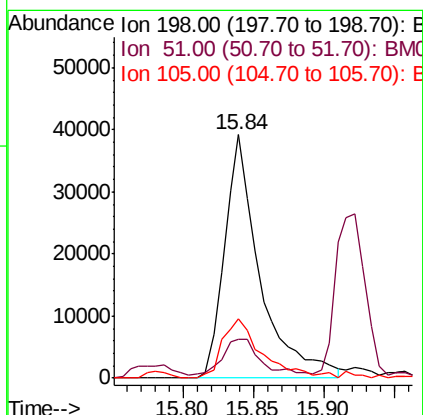
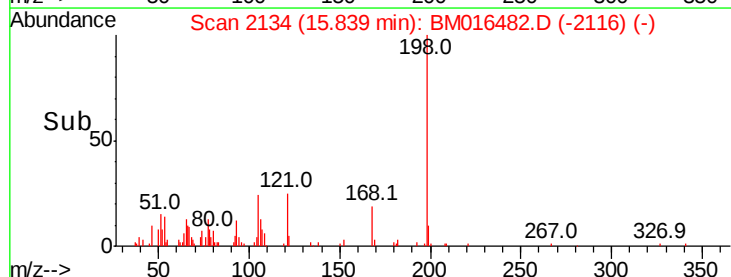
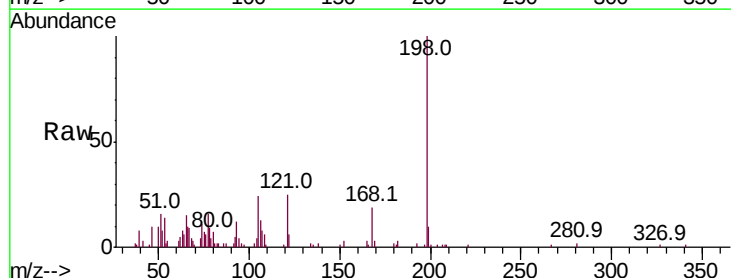
Tgt Ion:198 Resp: 68333

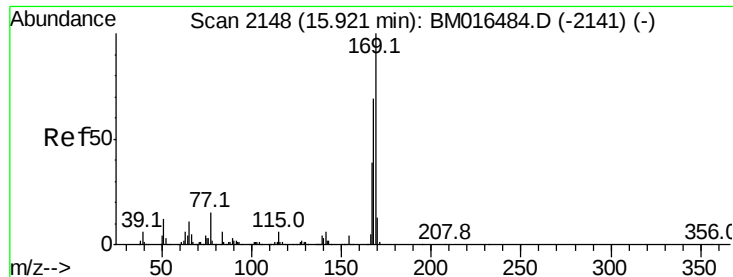
Ion Ratio Lower Upper

198 100

51 16.2 28.8 68.8#

105 24.5 30.5 70.5#

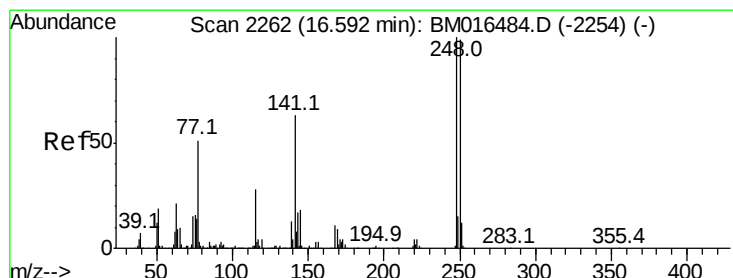
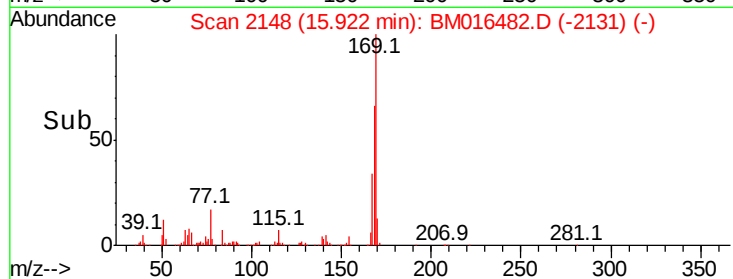
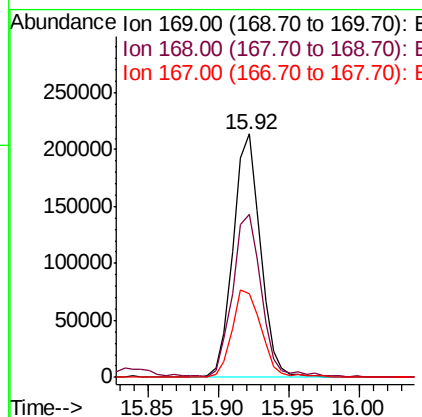
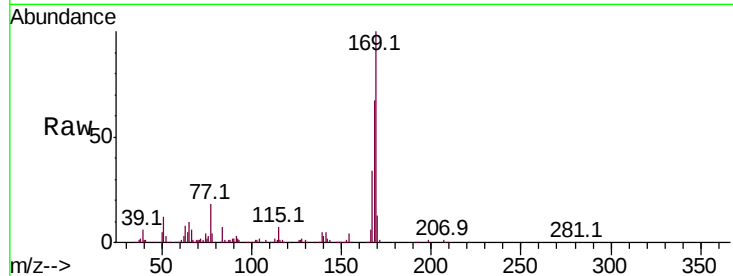




#65
n-Nitrosodiphenylamine
Concen: 7.980 ng
RT: 15.92 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

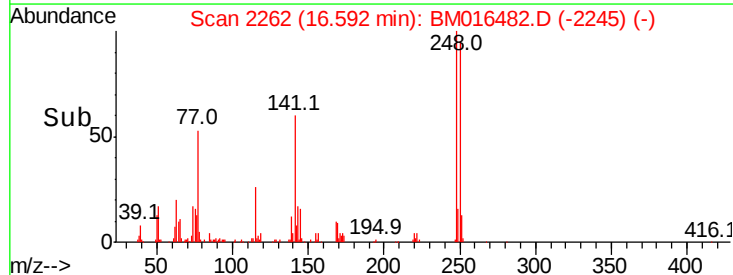
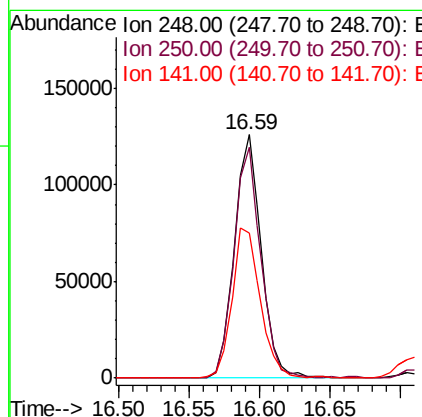
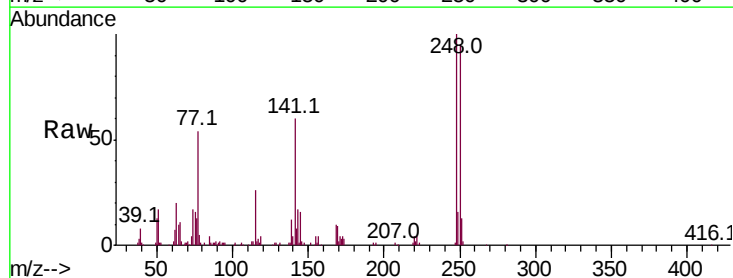
Instrument :
BNA_M
ClientSampleId :

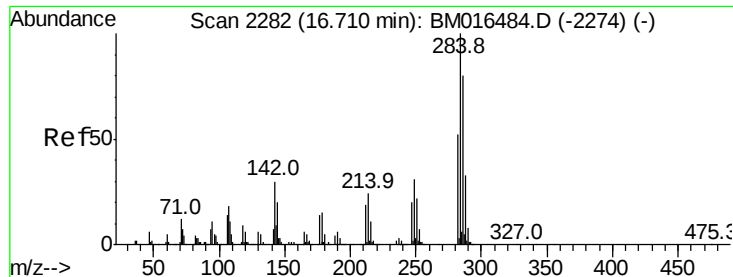
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.9	80.9
167	34.3	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 11.650 ng
RT: 16.59 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.4	116.0
141	59.5	45.2	67.8

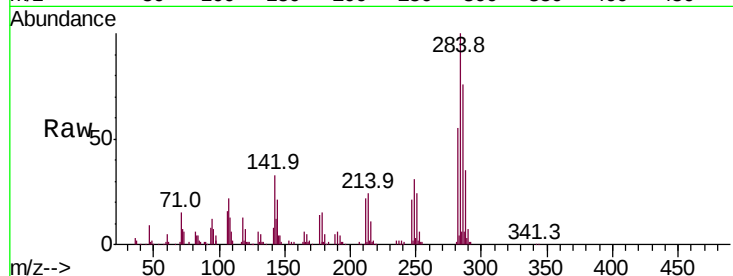




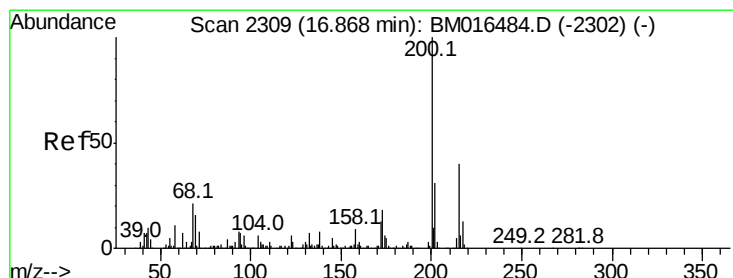
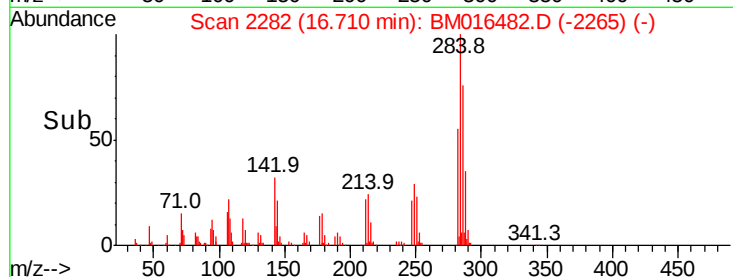
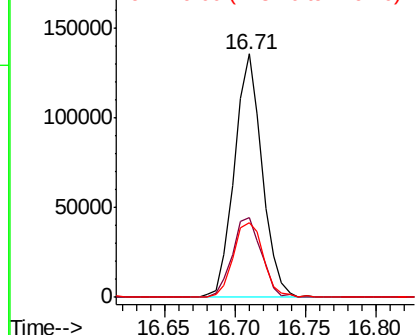
#67
Hexachlorobenzene
Concen: 13.123 ng
RT: 16.71 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	20.4	30.6#
249	30.7	23.8	35.6

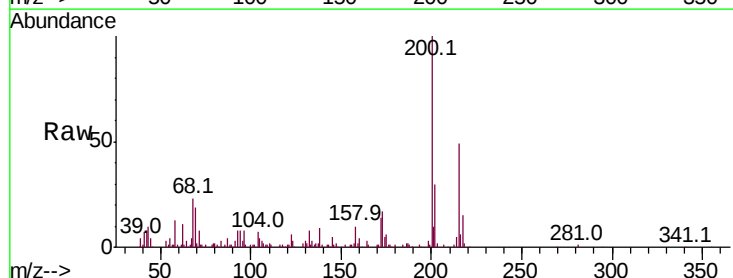


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

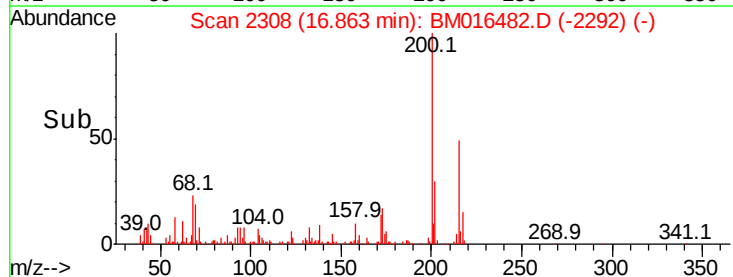
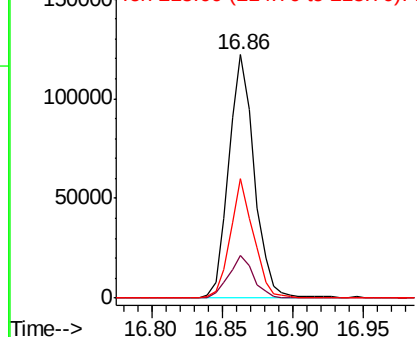


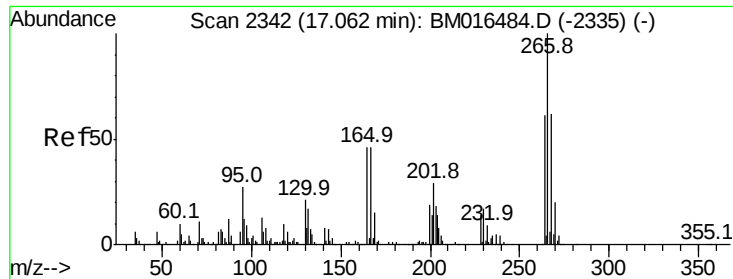
#68
Atrazine
Concen: 11.635 ng
RT: 16.86 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	17.3	4.8	44.8
215	48.9	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

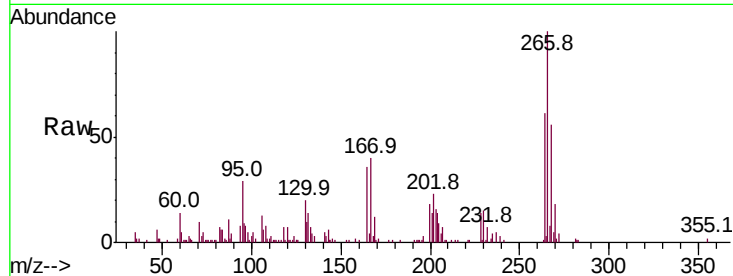




#69
 Pentachlorophenol
 Concen: 11.442 ng
 RT: 17.06 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	55.6	52.0	78.0
264	61.0	49.0	73.4

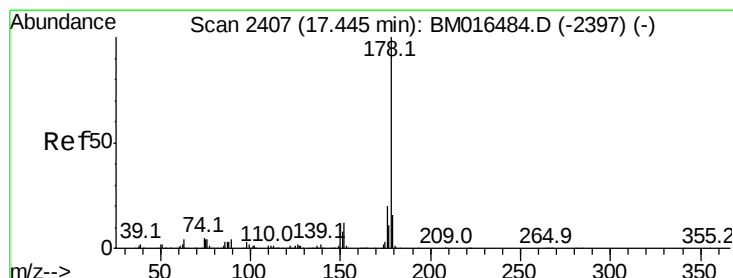
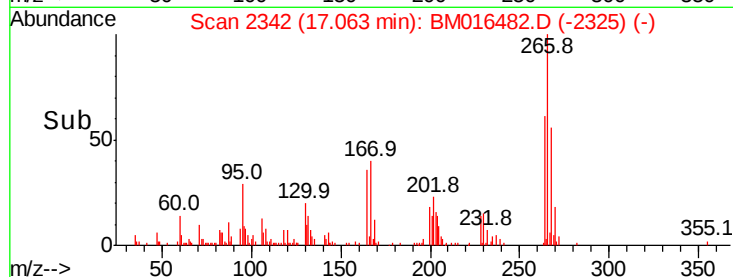
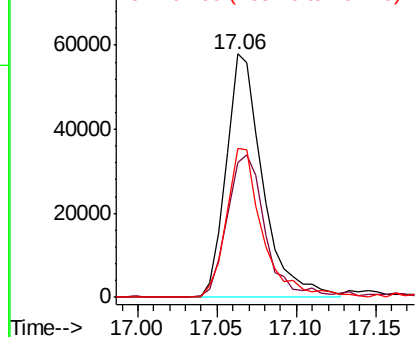


Abundance

Ion 265.70 (265.40 to 266.40): E

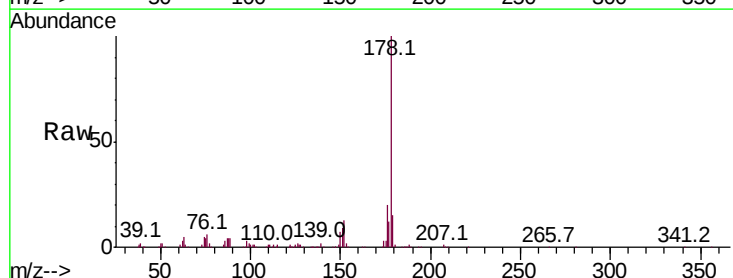
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 8.762 ng
 RT: 17.45 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.2	22.8
179	15.3	12.1	18.1

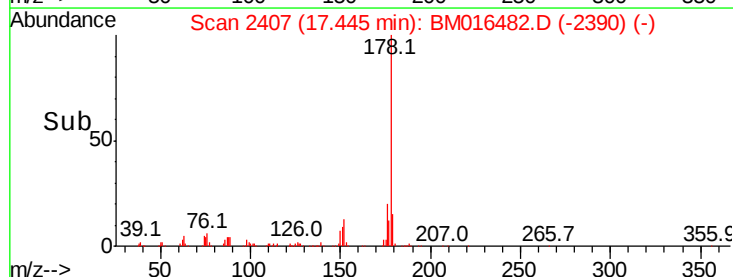
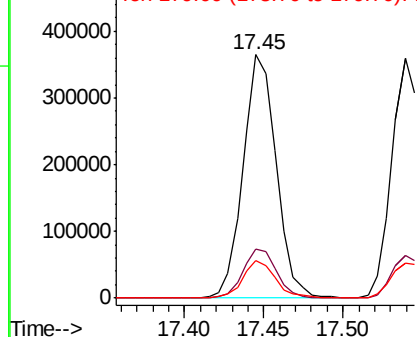


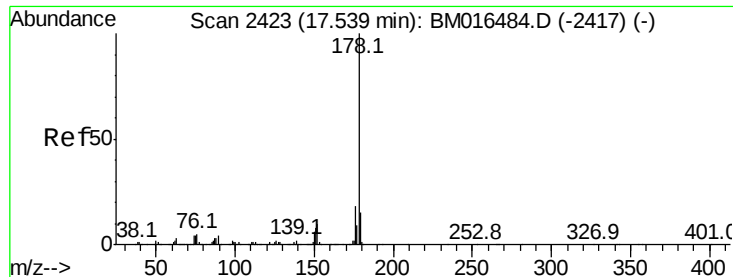
Abundance

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: 8.734 ng

RT: 17.54 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

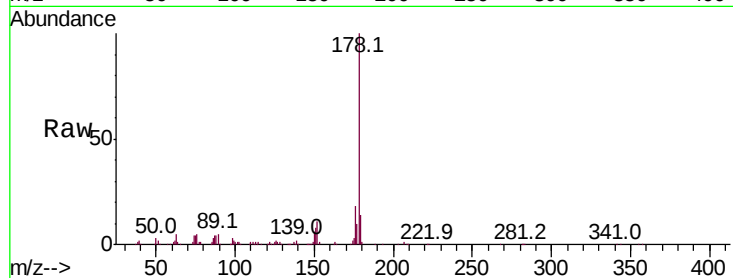
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 524327

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	14.4	12.6	19.0

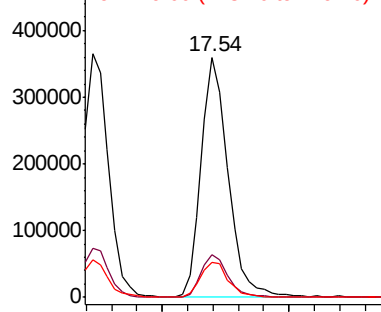


Abundance

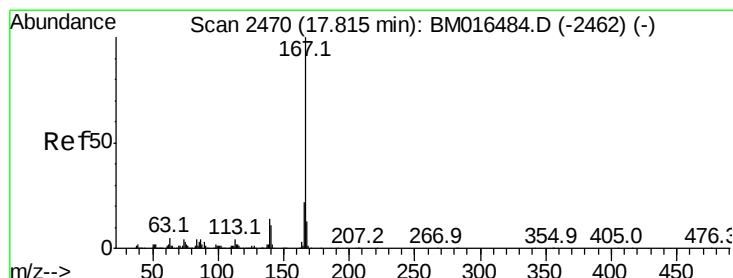
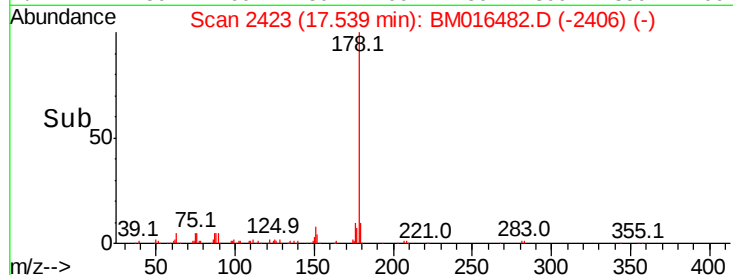
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 8.070 ng

RT: 17.82 min Scan# 2470

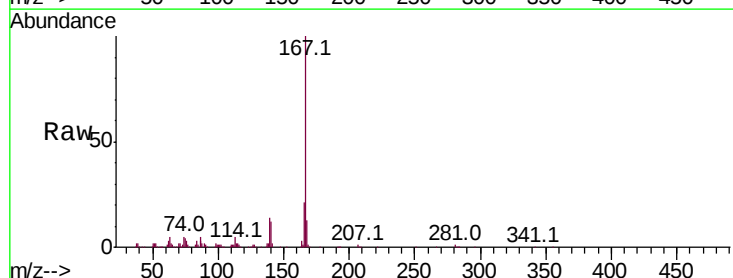
Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Tgt Ion:167 Resp: 468918

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	14.0	10.8	16.2

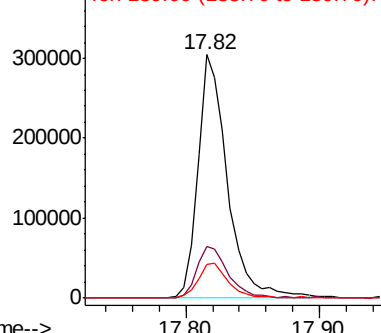


Abundance

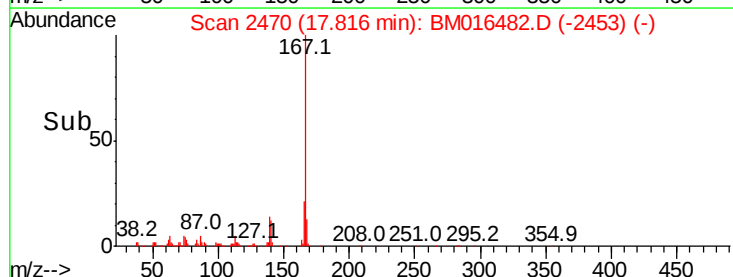
Ion 167.00 (166.70 to 167.70): E

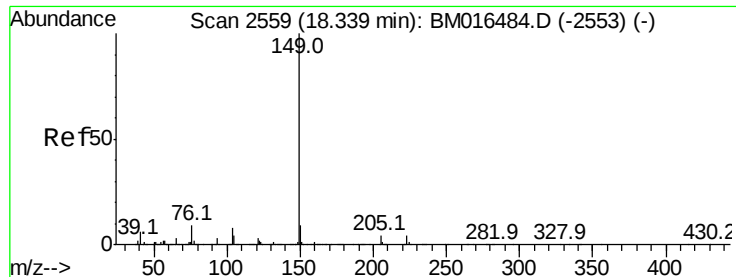
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

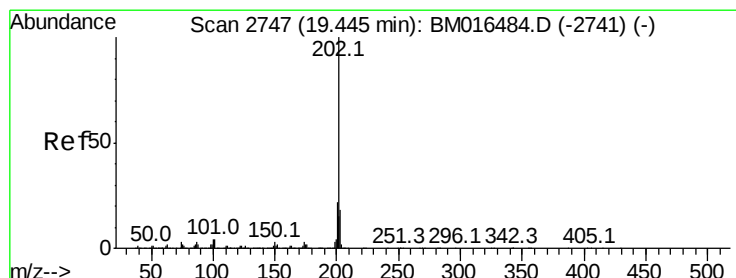
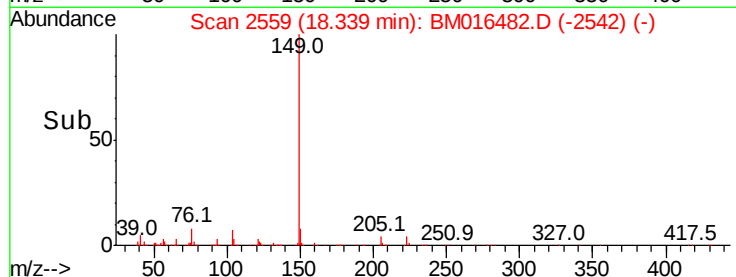
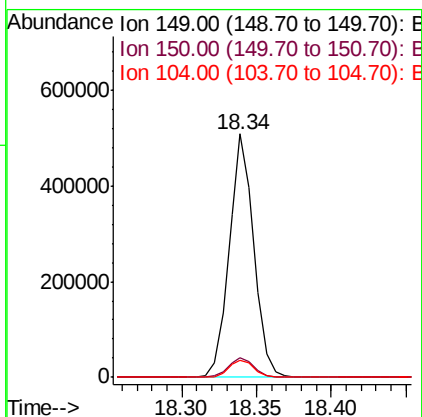
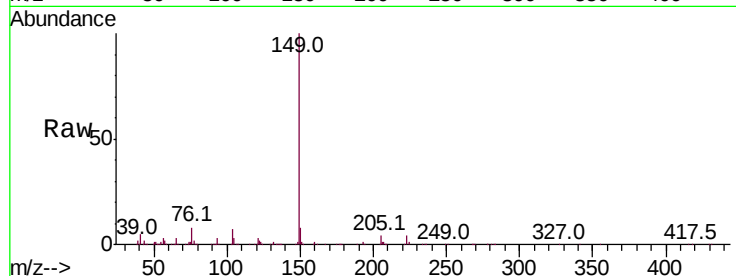




#73
Di-n-butylphthalate
Concen: 7.030 ng
RT: 18.34 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

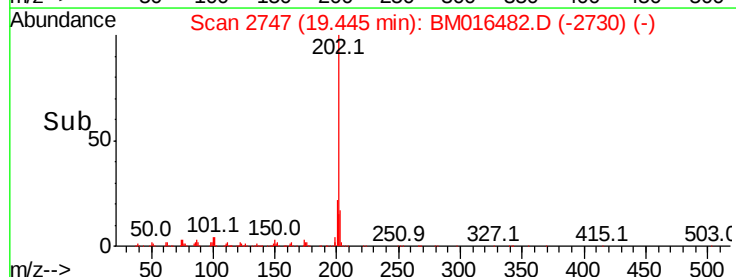
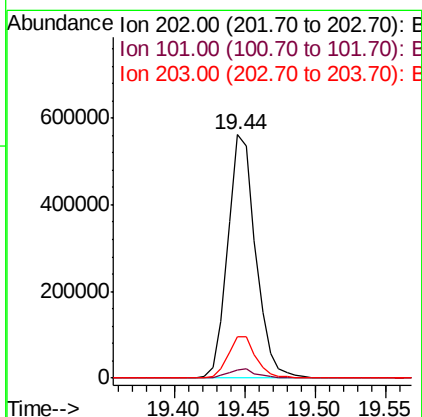
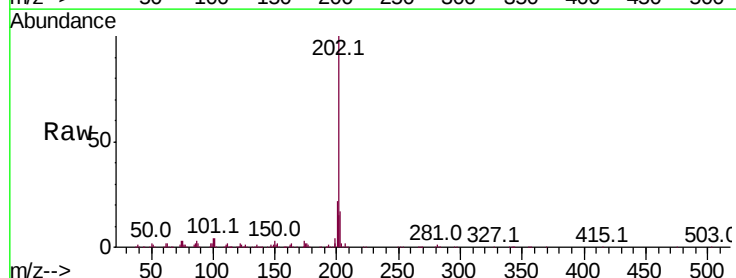
Instrument :
BNA_M
ClientSampleId :

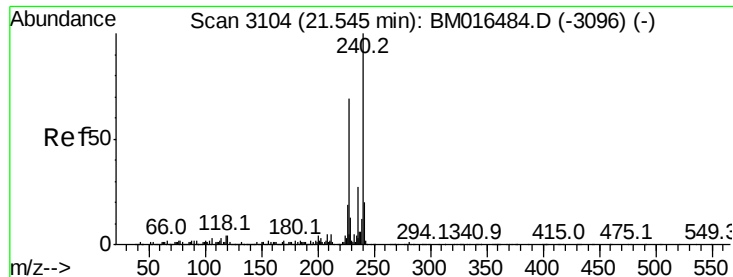
Tot Ion	Ratio	Resp	Lower	Upper
149	100	586226		
150	8.2		7.5	11.3
104	7.2		3.7	5.5#



#74
Fluoranthene
Concen: 10.624 ng
RT: 19.44 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	776116		
101	3.5		0.0	28.7
203	17.0		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: BM016482.D

Acq: 21 Aug 2018 12:45

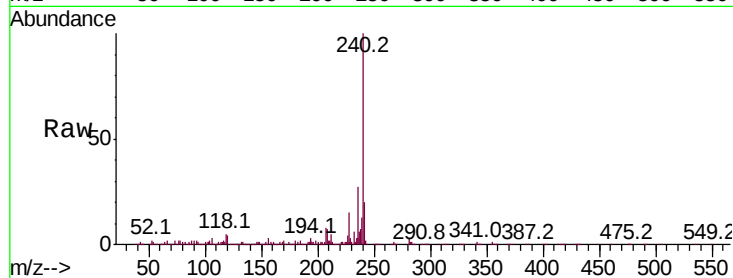
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1521279

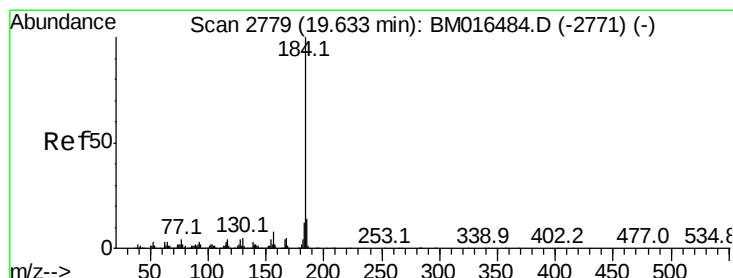
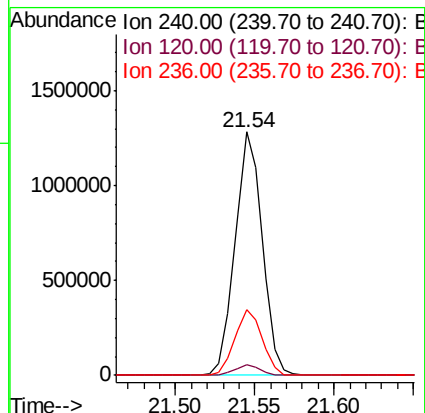
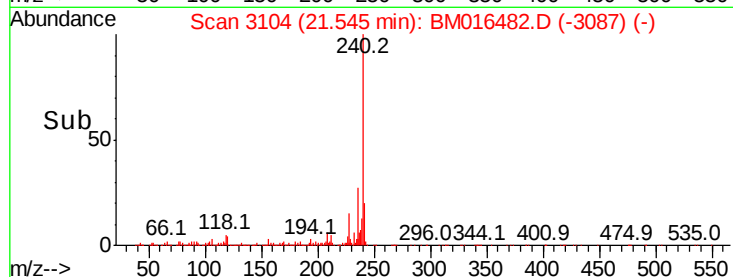
Ion	Ratio	Lower	Upper
240	100		
120	4.2	8.2	12.2#
236	26.9	20.0	30.0



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: 10.504 ng

RT: 19.64 min Scan# 2780

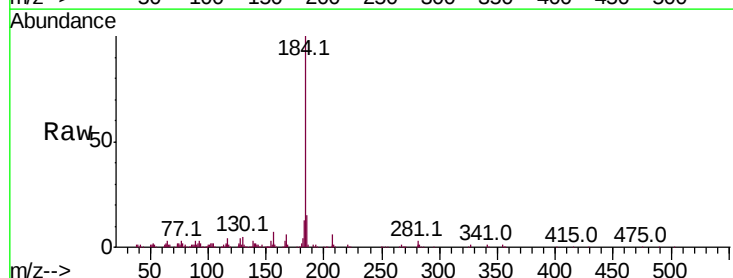
Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Tgt Ion:184 Resp: 351707

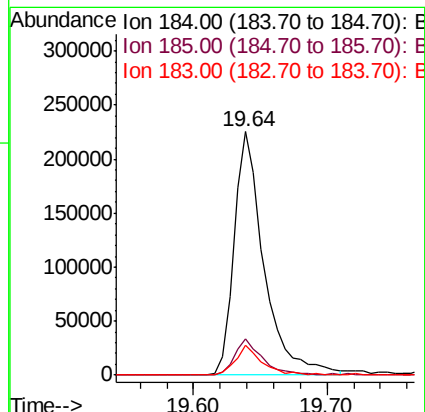
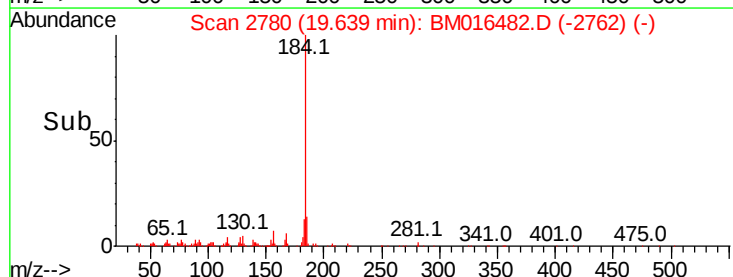
Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.3	16.9
183	12.5	8.9	13.3

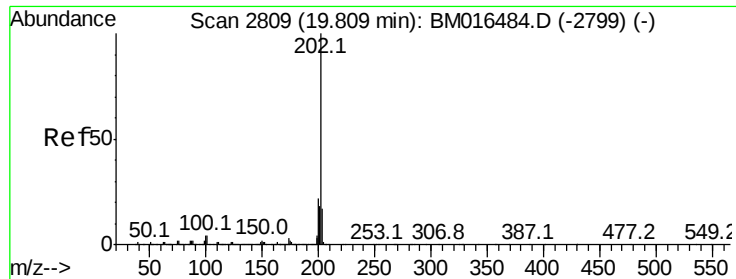


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 8.224 ng

RT: 19.81 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

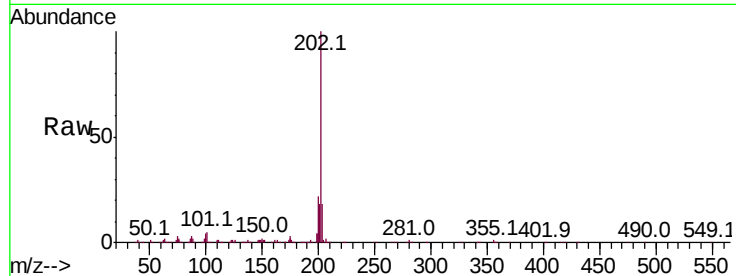
Tot Ion:202 Resp: 825555

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

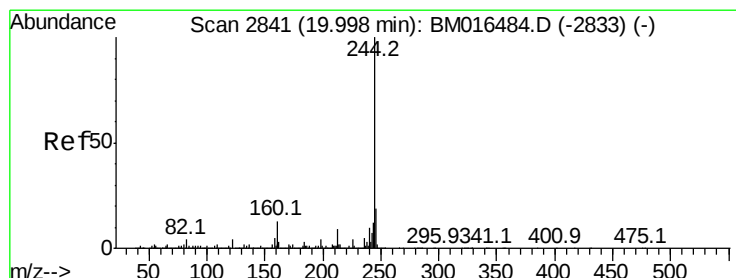
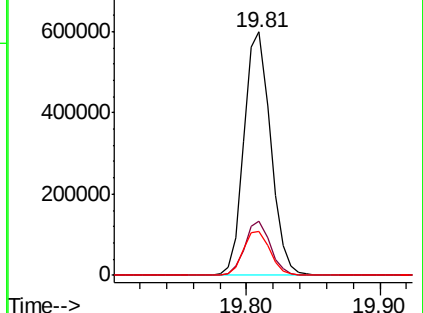
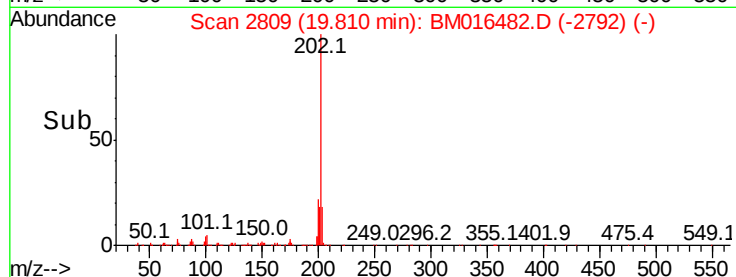
203 17.9 14.1 21.1



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: 8.224 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

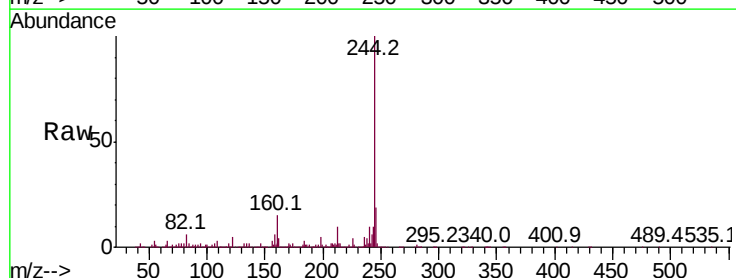
Tgt Ion:244 Resp: 1467855

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

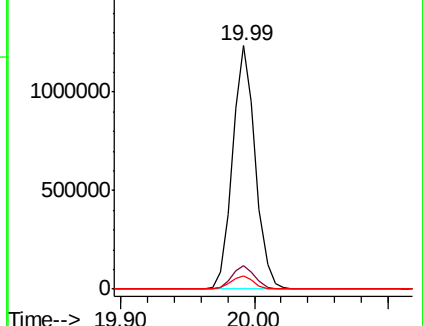
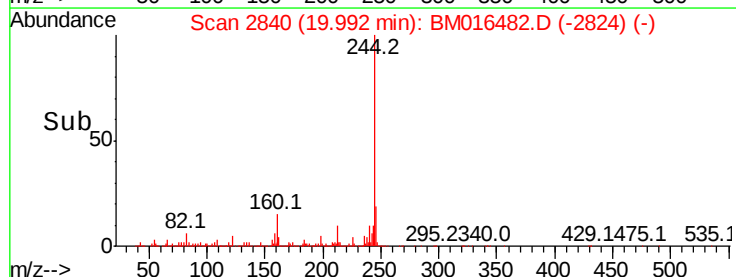
122 5.4 6.2 9.4#

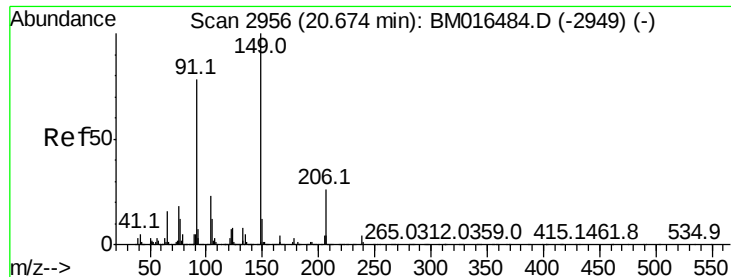


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

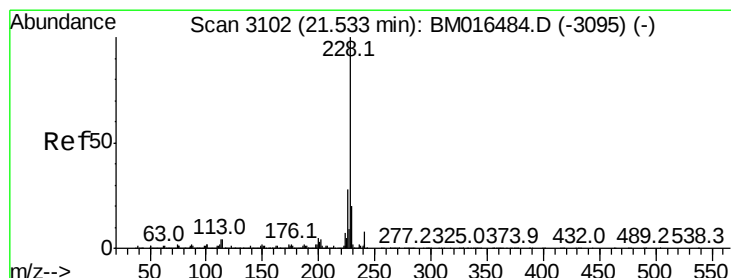
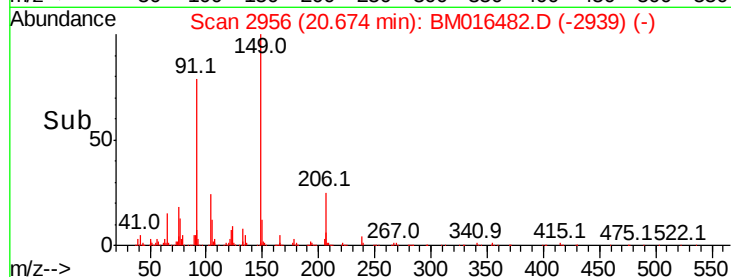
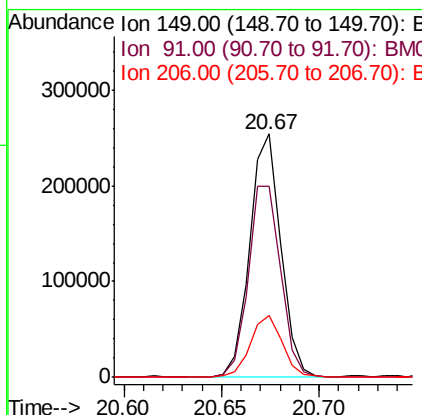
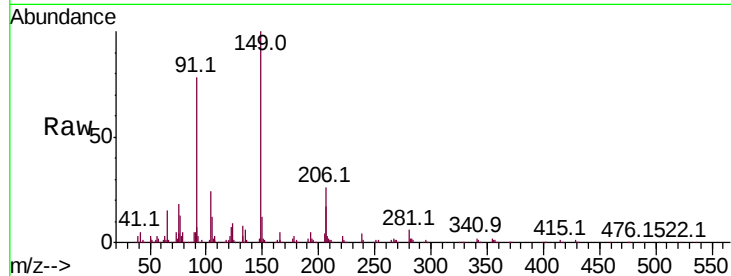




#79
Butylbenzylphthalate
Concen: 5.911 ng
RT: 20.67 min Scan# 2956
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

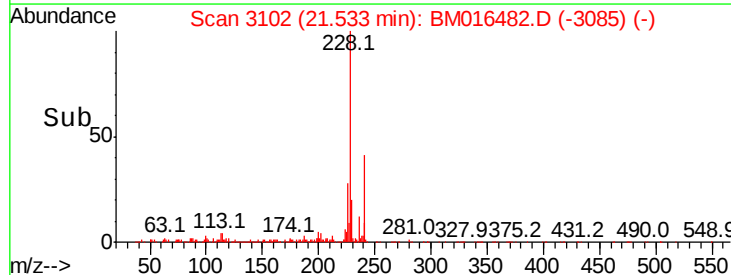
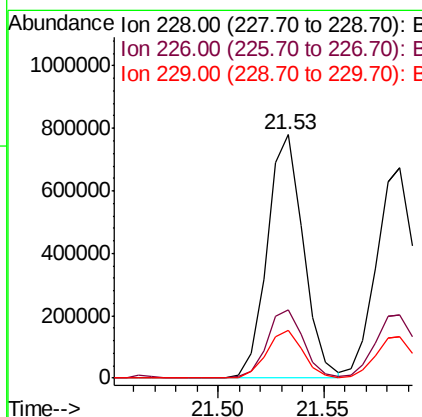
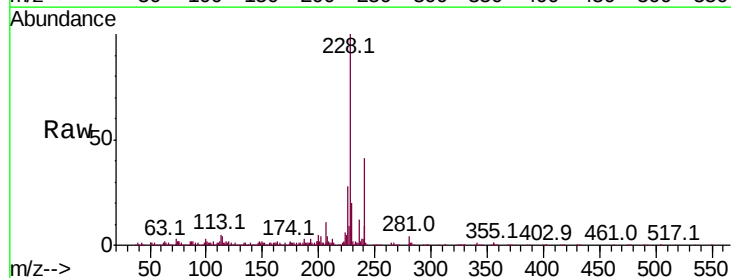
Instrument :
BNA_M
ClientSampleId :

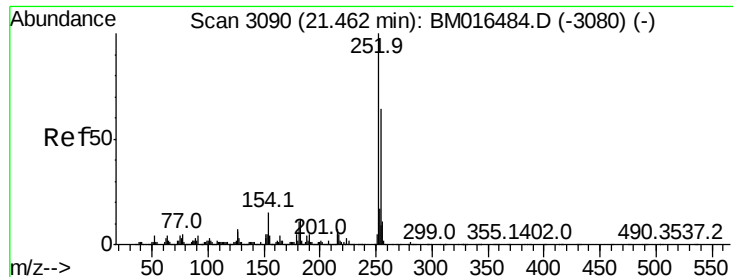
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.5	50.1	75.1#
206	25.5	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 9.428 ng
RT: 21.53 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	19.7	16.0	24.0

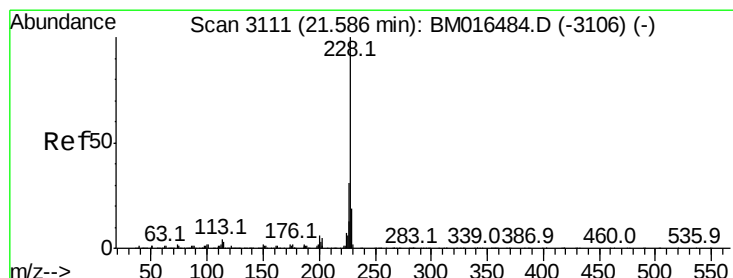
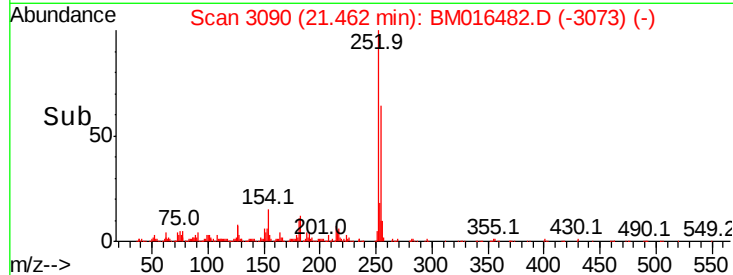
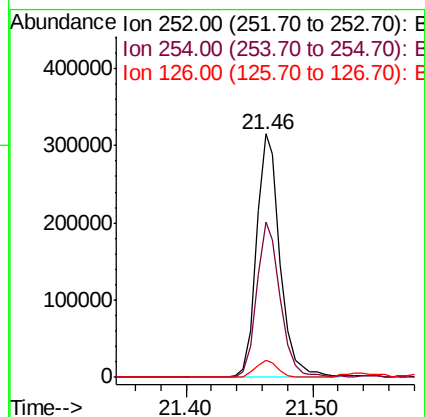
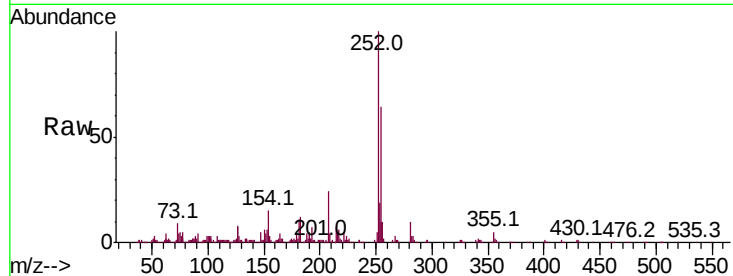




#81
 3,3'-Dichlorobenzidine
 Concen: 11.588 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

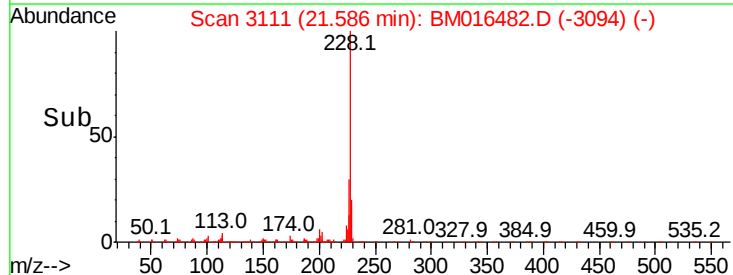
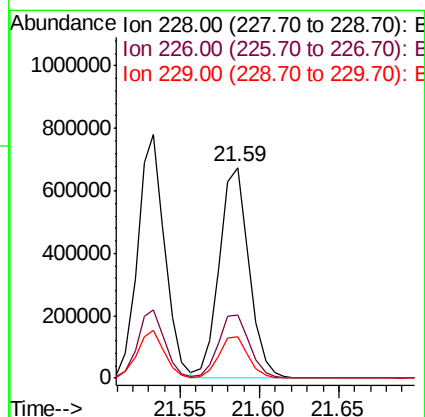
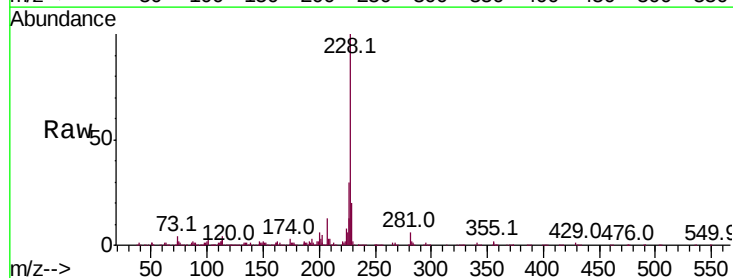
Instrument :
 BNA_M
 ClientSampleId :

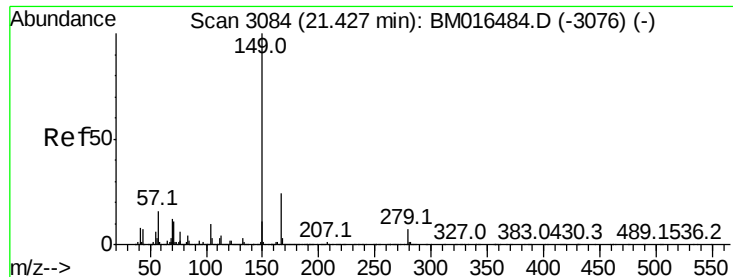
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	6.8	9.8	14.8



#82
 Chrysene
 Concen: 9.473 ng
 RT: 21.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.7	15.5	23.3

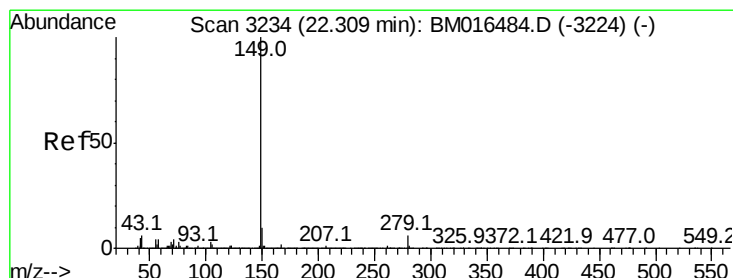
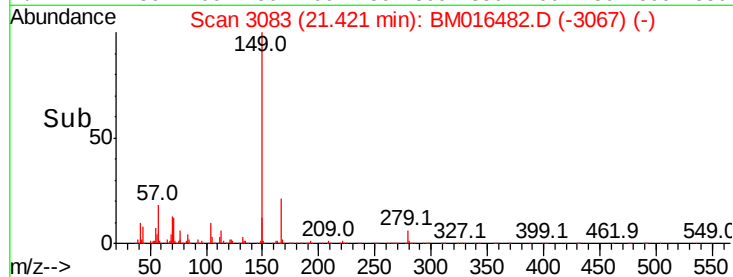
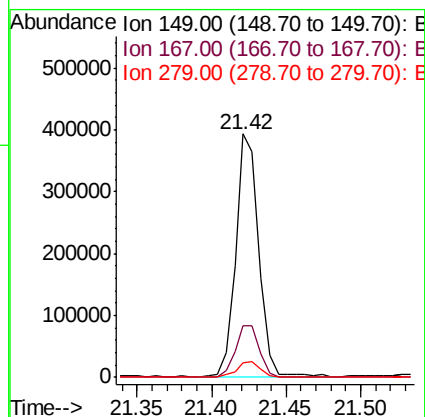
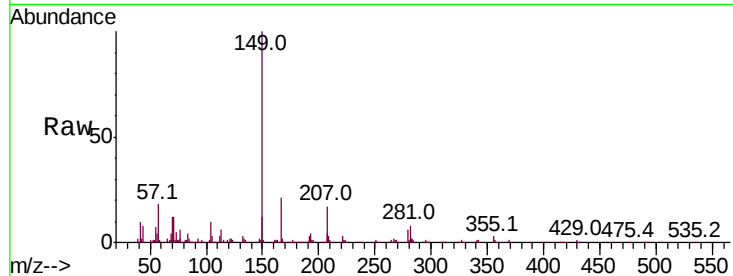




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.258 ng
 RT: 21.42 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

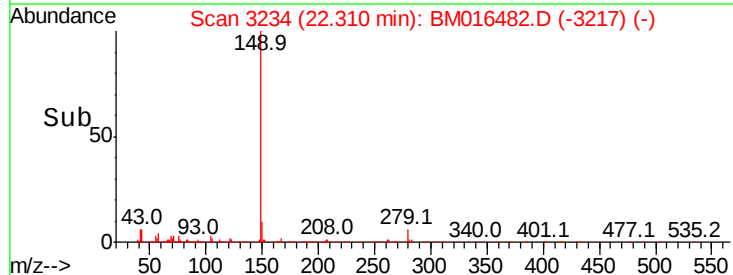
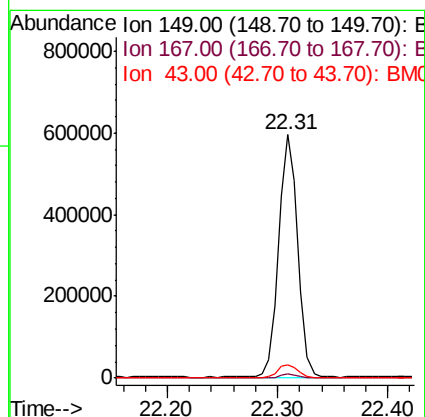
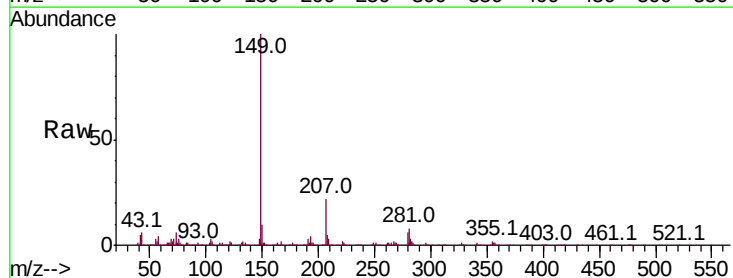
Instrument :
 BNA_M
 Client Sampled :

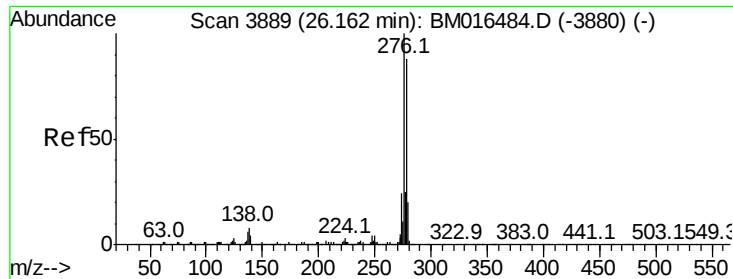
Tot Ion:149 Resp: 420020
 Ion Ratio Lower Upper
 149 100
 167 21.2 22.4 33.6#
 279 6.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 7.101 ng
 RT: 22.31 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BM016482.D
 Acq: 21 Aug 2018 12:45

Tgt Ion:149 Resp: 714904
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 5.7 7.3 10.9#

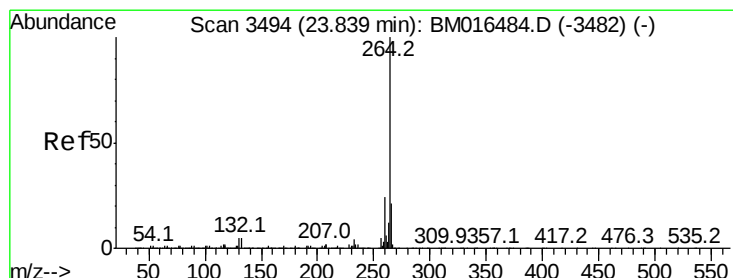
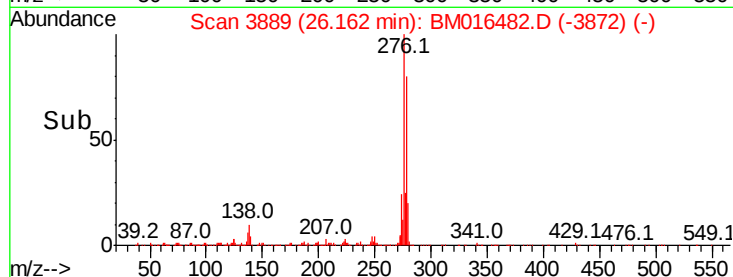
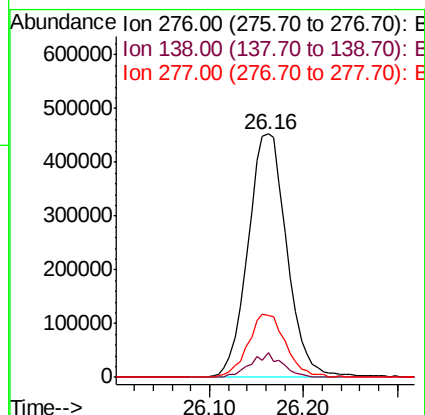
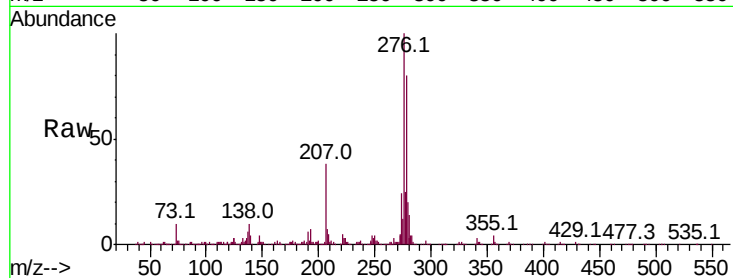




#85
Indeno(1,2,3-cd)pyrene
Concen: 17.064 ng
RT: 26.16 min Scan# 3889
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

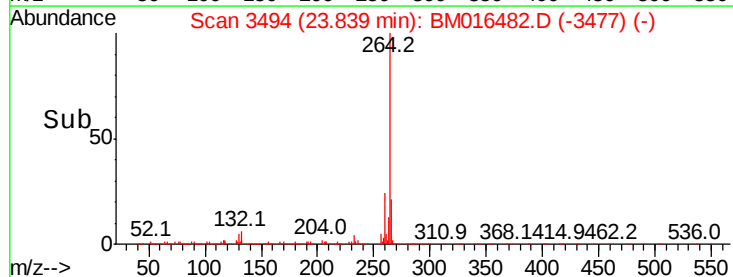
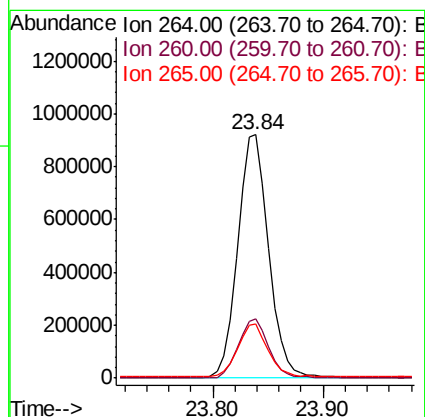
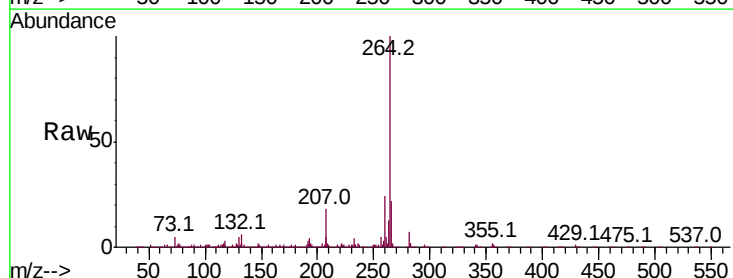
Instrument :
BNA_M
ClientSampleId :

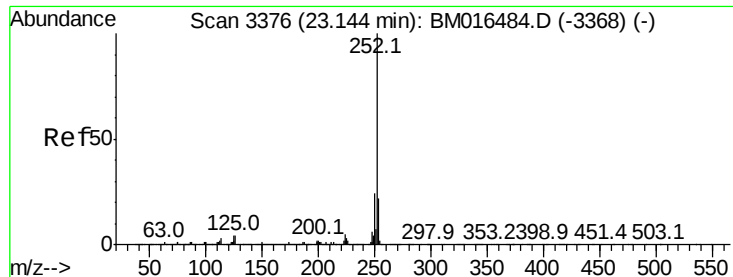
Tot Ion:276 Resp: 1291050
Ion Ratio Lower Upper
276 100
138 8.5 12.0 18.0#
277 25.4 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.84 min Scan# 3494
Delta R.T. 0.00 min
Lab File: BM016482.D
Acq: 21 Aug 2018 12:45

Tgt Ion:264 Resp: 1815038
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 22.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 8.517 ng

RT: 23.14 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

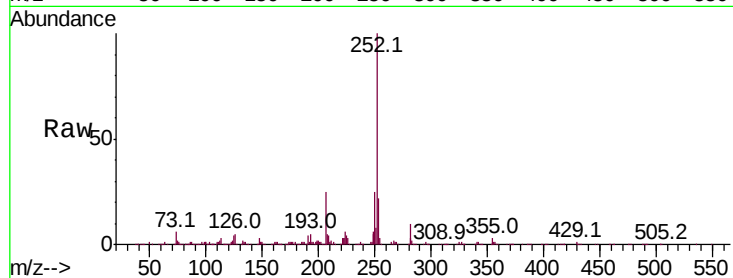
Tot Ion:252 Resp: 1023919

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

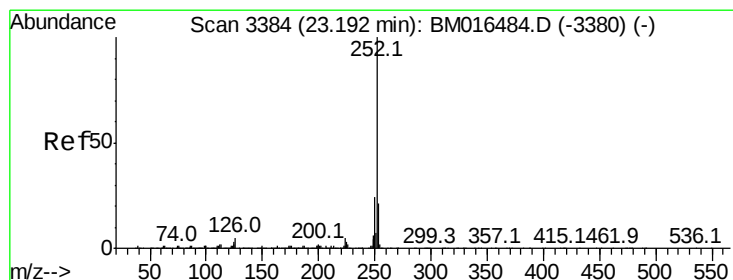
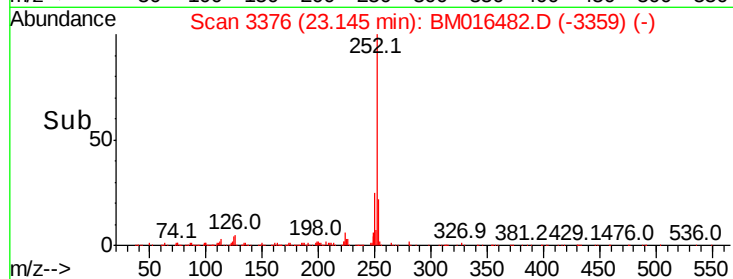
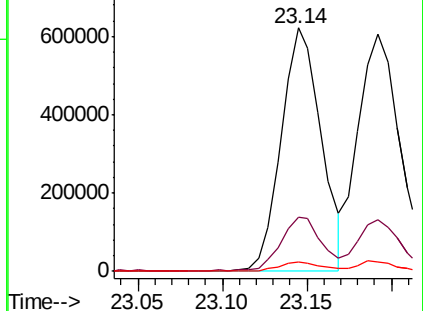
125 3.7 9.9 14.9#



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: 8.778 ng

RT: 23.19 min Scan# 3384

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

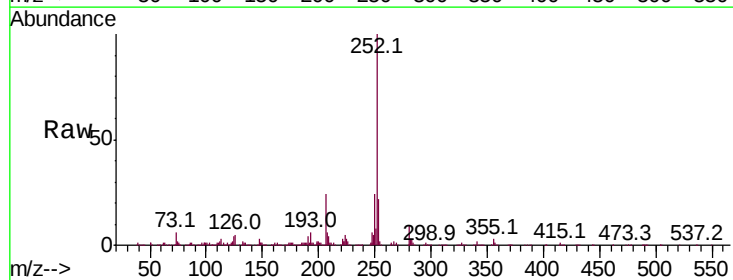
Tgt Ion:252 Resp: 1054716

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

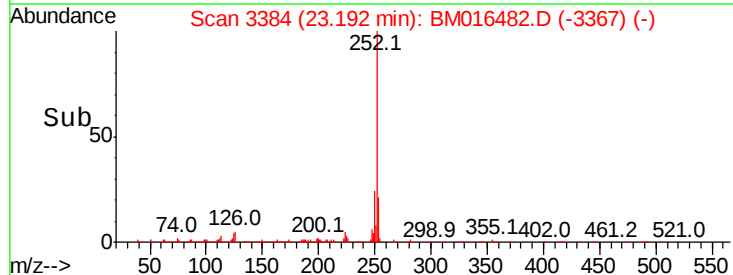
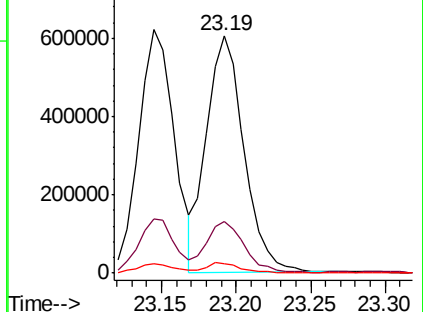
125 3.8 8.1 12.1#

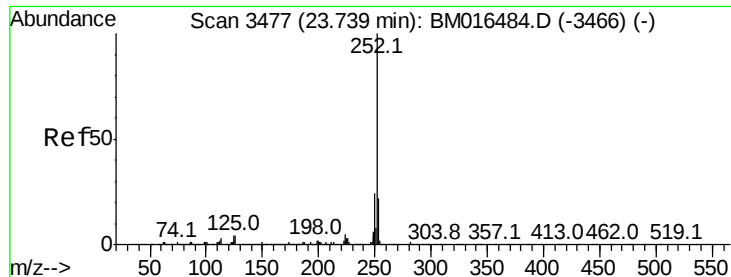


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 9.240 ng

RT: 23.74 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

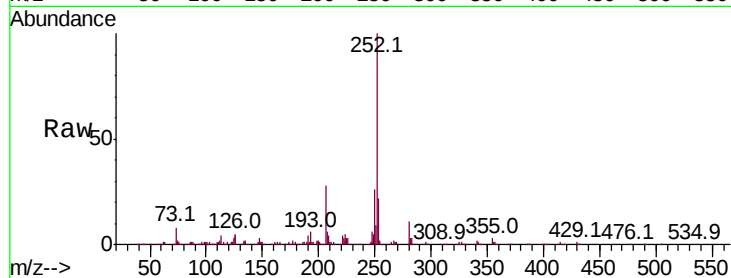
Tot Ion:252 Resp: 1005619

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	4.2	7.4	11.2

252 100

253 22.4 17.6 26.4

125 4.2 7.4 11.2

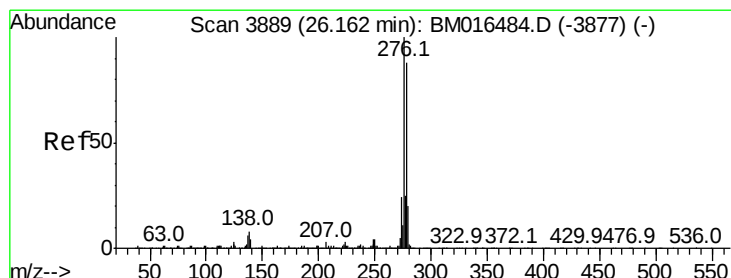
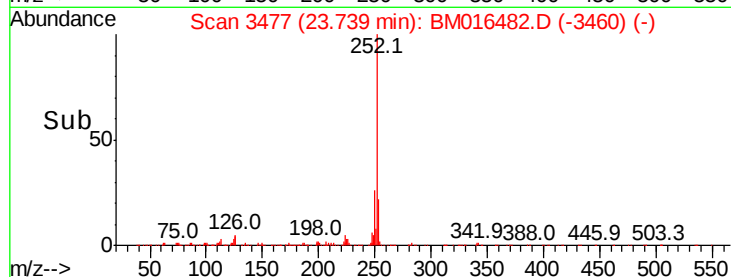
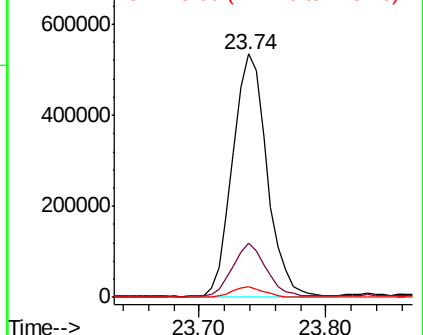


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 11.207 ng

RT: 26.16 min Scan# 3889

Delta R.T. 0.00 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

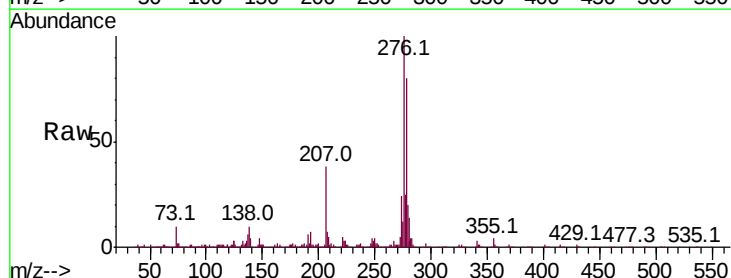
Tgt Ion:278 Resp: 1093672

Ion	Ratio	Lower	Upper
278	100		
139	4.9	13.4	20.0
279	25.0	19.0	28.4

278 100

139 4.9 13.4 20.0

279 25.0 19.0 28.4

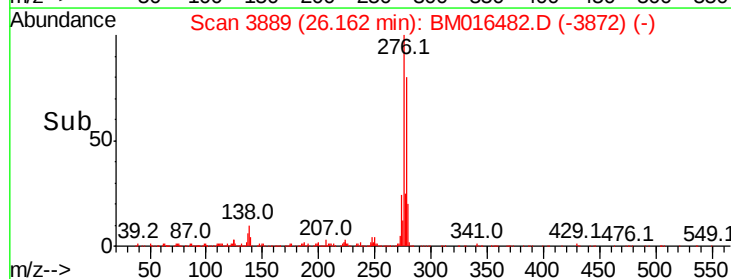
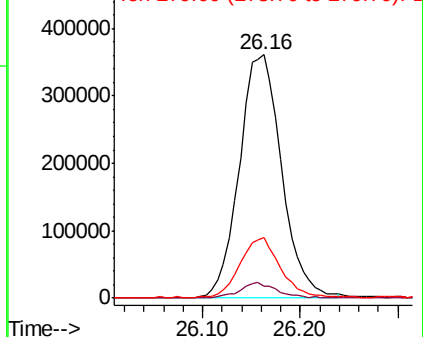


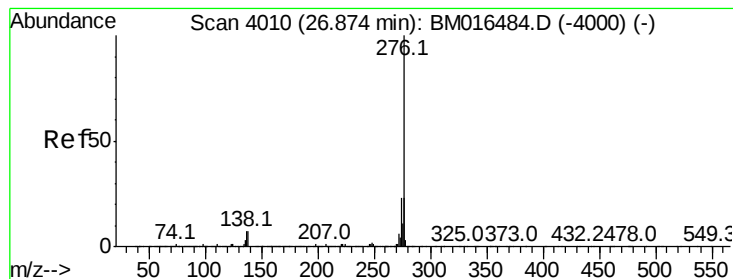
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 11.687 ng

RT: 26.88 min Scan# 4011

Delta R.T. 0.01 min

Lab File: BM016482.D

Acq: 21 Aug 2018 12:45

Instrument :

BNA_M

ClientSampleId :

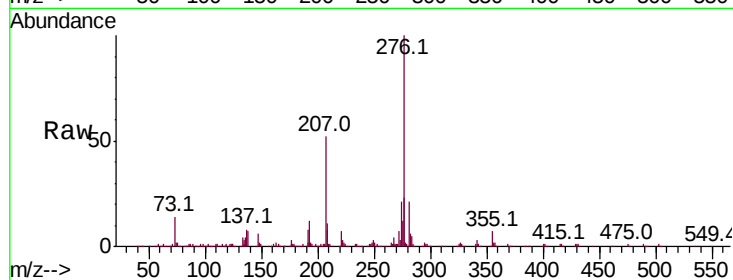
Tot Ion:276 Resp: 1025066

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 6.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

