

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016247.D
 Acq On : 08 Aug 2018 13:23
 Operator : SJ/JU
 Sample : J4327-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 16:24:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	37806	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	141675	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	71062	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	141942	20.00	ng	0.00
75) Chrysene-d12	21.64	240	152803	20.00	ng	0.00
86) Perylene-d12	23.97	264	153590	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	220479	96.87	ng	0.00
7) Phenol-d6	7.30	99	269257	90.59	ng	0.00
23) Nitrobenzene-d5	9.32	82	196681	64.57	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	76696	85.10	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	348709	59.71	ng	0.00
78) Terphenyl-d14	20.09	244	463953	63.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	26760	25.095	ng	# 100
3) Pyridine	3.90	79	36489	14.204	ng	# 77
4) n-Nitrosodimethylamine	3.80	42	68845	34.360	ng	# 32
6) Aniline	7.46	93	66973	19.570	ng	# 87
8) 2-Chlorophenol	7.70	128	78017	28.842	ng	# 93
9) Benzaldehyde	7.28	77	40728	19.503	ng	# 83
10) Phenol	7.33	94	86963	29.260	ng	# 98
11) bis(2-Chloroethyl)ether	7.56	93	66346	28.258	ng	# 93
12) 1,3-Dichlorobenzene	8.02	146	87036	27.489	ng	# 89
13) 1,4-Dichlorobenzene	8.17	146	88741	27.635	ng	# 96
14) 1,2-Dichlorobenzene	8.49	146	84697	26.956	ng	# 93
15) Benzyl Alcohol	8.39	79	67455	28.502	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.67	45	95055	26.453	ng	# 99
17) 2-Methylphenol	8.59	107	60133	29.602	ng	# 83
18) Hexachloroethane	9.20	117	39271	28.292	ng	# 98
19) n-Nitroso-di-n-propylamine	8.95	70	58456	26.908	ng	# 71
20) 3+4-Methylphenols	8.92	107	78237	26.769	ng	# 88
22) Acetophenone	8.98	105	113567	31.835	ng	# 83
24) Nitrobenzene	9.36	77	94259	30.743	ng	# 94
25) Isophorone	9.88	82	148607	35.667	ng	# 92
26) 2-Nitrophenol	10.07	139	39344	30.739	ng	# 50
27) 2,4-Dimethylphenol	10.13	122	64553	36.201	ng	# 78
28) bis(2-Chloroethoxy)methane	10.36	93	82542	30.480	ng	# 98
29) 2,4-Dichlorophenol	10.61	162	66399	31.336	ng	# 97
30) 1,2,4-Trichlorobenzene	10.82	180	73963	28.729	ng	# 98
31) Naphthalene	11.00	128	227592	31.741	ng	# 99
32) Benzoic acid	10.26	122	19022	13.994	ng	# 91
33) 4-Chloroaniline	11.13	127	60639	20.724	ng	# 84
34) Hexachlorobutadiene	11.26	225	54456	30.493	ng	# 97
35) Caprolactam	11.93	113	16328	27.822	ng	# 78
36) 4-Chloro-3-methylphenol	12.25	107	71182	30.543	ng	# 83
37) 2-Methylnaphthalene	12.60	142	159501	33.207	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	77839	32.174	ng	# 100
40) Hexachlorocyclopentadiene	12.93	237	66664	58.426	ng	# 99

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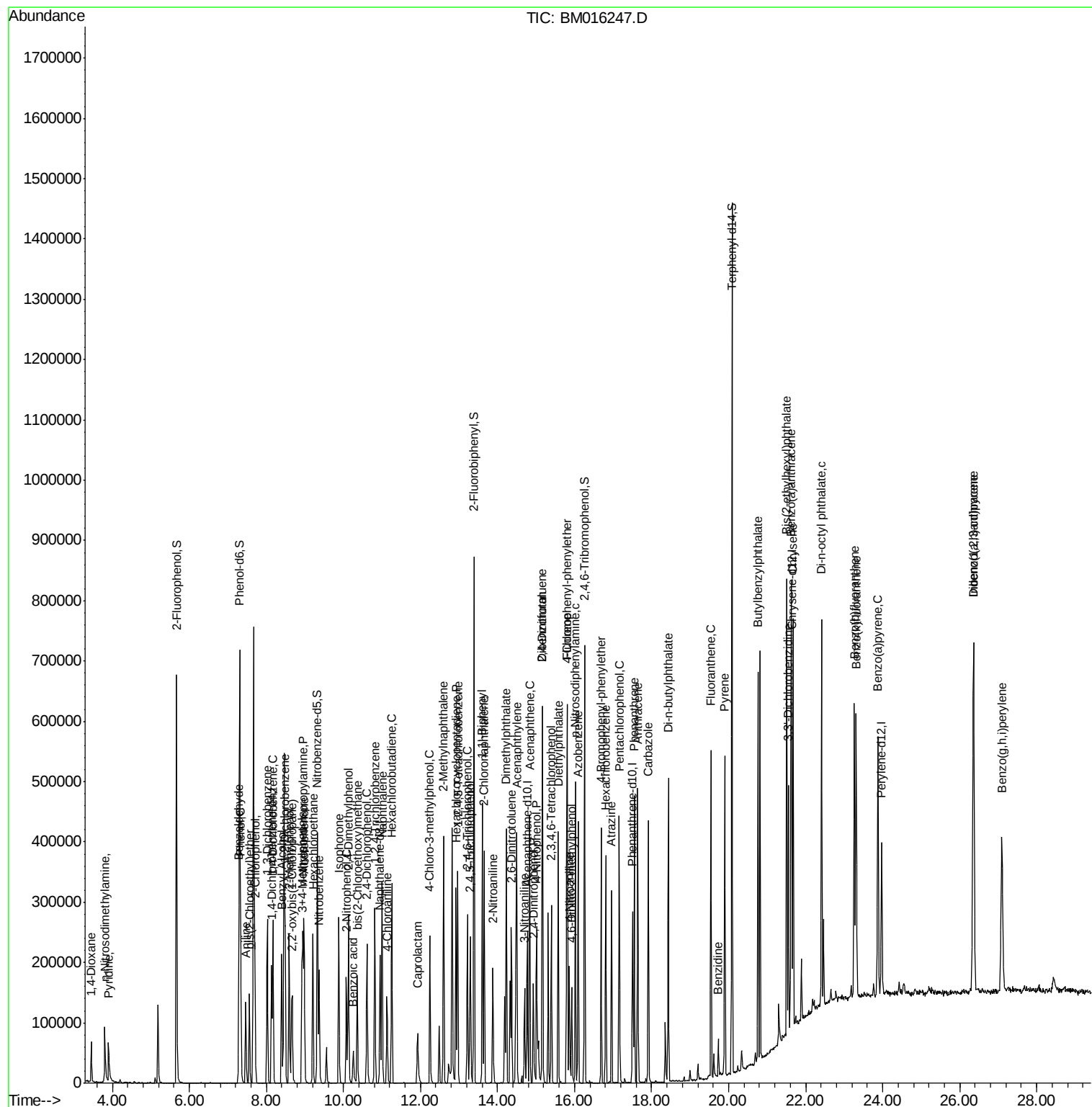
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	49368	32.615	nq	98
43) 2,4,5-Trichlorophenol	13.29	196	50414	32.290	nq #	82
45) 1,1'-Biphenyl	13.60	154	192871	30.074	nq	98
46) 2-Chloronaphthalene	13.66	162	150805	30.234	nq #	91
47) 2-Nitroaniline	13.87	65	49918	30.270	nq #	74
48) Acenaphthylene	14.50	152	236941	32.448	nq	99
49) Dimethylphthalate	14.23	163	216608	34.830	nq	100
50) 2,6-Dinitrotoluene	14.37	165	36861	29.458	nq #	54
51) Acenaphthene	14.83	154	135166	30.098	nq	98
52) 3-Nitroaniline	14.70	138	30759	22.759	nq #	73
53) 2,4-Dinitrophenol	14.93	184	27766	53.843	nq #	73
54) Dibenzofuran	15.17	168	217595	29.402	nq #	80
55) 4-Nitrophenol	15.02	139	53883	55.614	nq #	88
56) 2,4-Dinitrotoluene	15.16	165	53463	29.881	nq #	75
57) Fluorene	15.82	166	170497	31.003	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	42272	31.499	nq #	100
59) Diethylphthalate	15.57	149	197634	29.484	nq	95
60) 4-Chlorophenyl-phenylether	15.80	204	83889	27.402	nq #	79
61) 4-Nitroaniline	15.86	138	35179	27.129	nq #	1
62) Azobenzene	16.09	77	216625	30.686	nq #	74
64) 4,6-Dinitro-2-methylphenol	15.93	198	25999	30.177	nq	85
65) n-Nitrosodiphenylamine	16.02	169	143262	30.651	nq	98
66) 4-Bromophenyl-phenylether	16.69	248	48095	29.923	nq #	72
67) Hexachlorobenzene	16.82	284	50892	28.753	nq #	68
68) Atrazine	16.96	200	52020	31.054	nq	97
69) Pentachlorophenol	17.16	266	53457	48.773	nq	99
70) Phenanthrene	17.55	178	245759	30.926	nq	99
71) Anthracene	17.64	178	250503	32.434	nq	100
72) Carbazole	17.92	167	228703	28.583	nq	97
73) Di-n-butylphthalate	18.44	149	315789	31.673	nq #	96
74) Fluoranthene	19.54	202	280908	31.689	nq	99
76) Benzidine	19.73	184	32482	7.607	nq	97
77) Pyrene	19.90	202	283423	30.951	nq	99
79) Butylbenzylphthalate	20.76	149	152059	32.688	nq #	79
80) Benzo(a)anthracene	21.62	228	295398	31.388	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	87319	23.035	nq	98
82) Chrysene	21.67	228	275959	30.568	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	224742	33.336	nq #	91
84) Di-n-octyl phthalate	22.41	149	373541	32.967	nq #	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	344921	32.196	nq #	95
87) Benzo(b)fluoranthene	23.27	252	301578	33.349	nq #	95
88) Benzo(k)fluoranthene	23.31	252	279804	30.531	nq #	96
89) Benzo(a)pyrene	23.87	252	284921	32.774	nq	99
90) Dibenzo(a,h)anthracene	26.36	278	291992	32.418	nq #	94
91) Benzo(g,h,i)perylene	27.10	276	280105	32.881	nq #	92

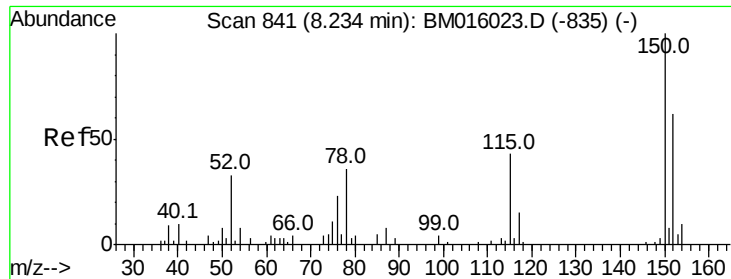
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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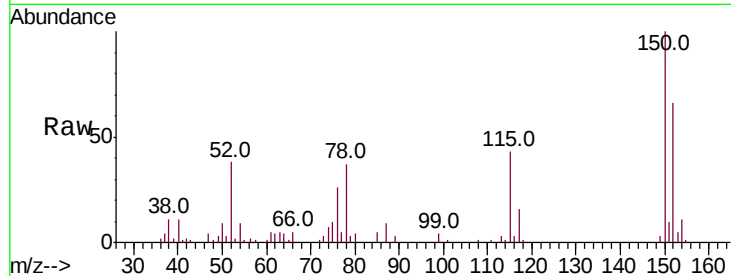


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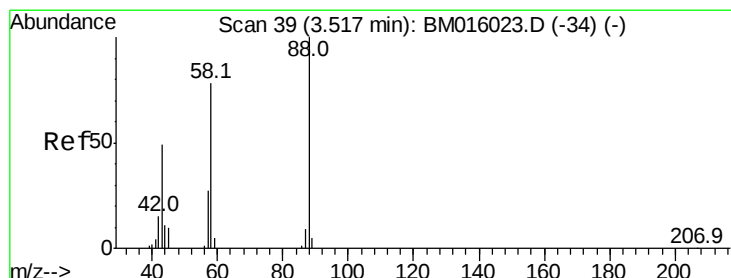
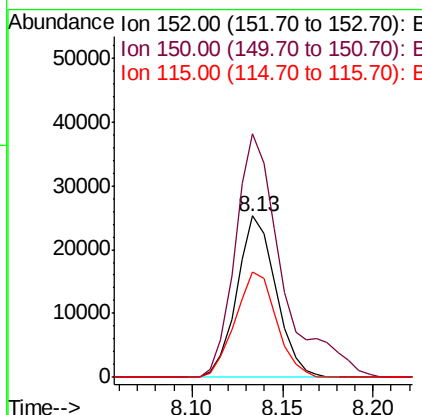
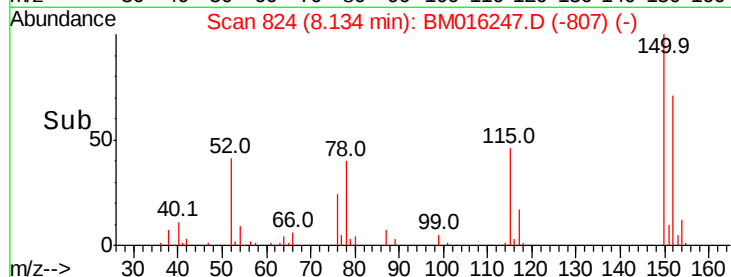
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 37806
 Ion Ratio Lower Upper
 152 100
 150 150.9 119.5 179.3
 115 65.4 43.0 64.4#



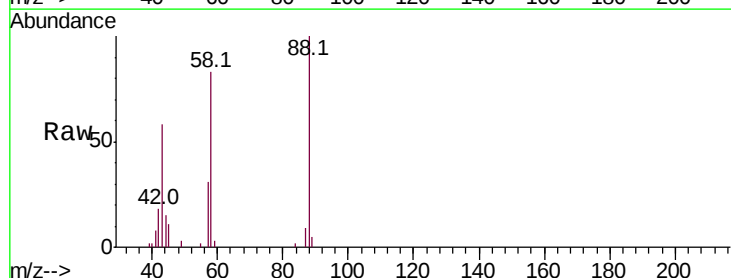
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



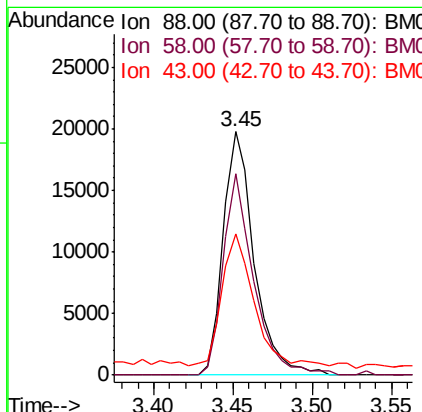
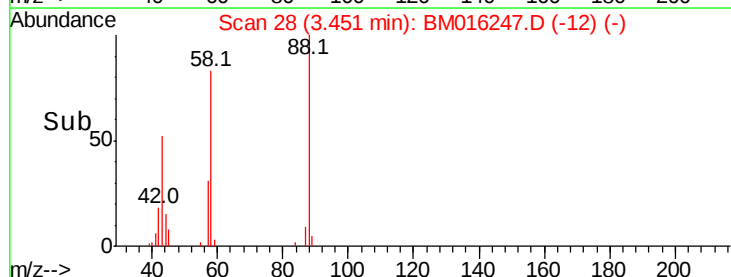
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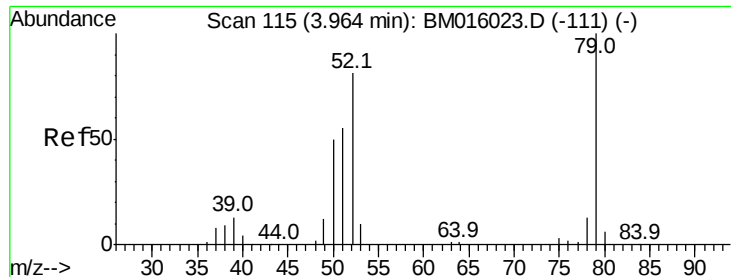
1,4-Dioxane
 Concen: 25.095 ng
 RT: 3.45 min Scan# 28
 Delta R.T. -0.01 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion: 88 Resp: 26760
 Ion Ratio Lower Upper
 88 100
 58 81.2 0.0 0.0#
 43 55.3 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

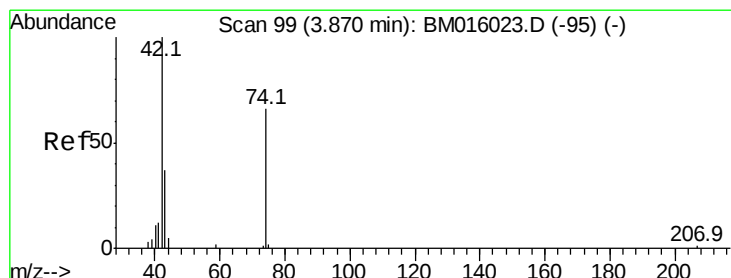
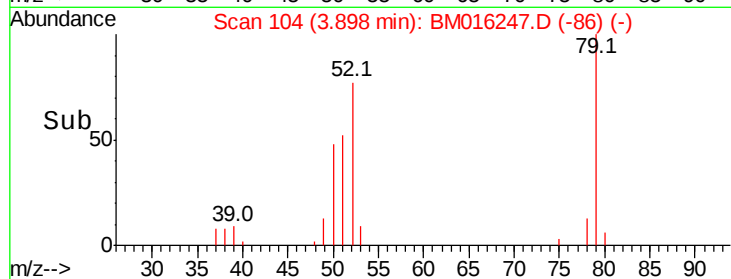
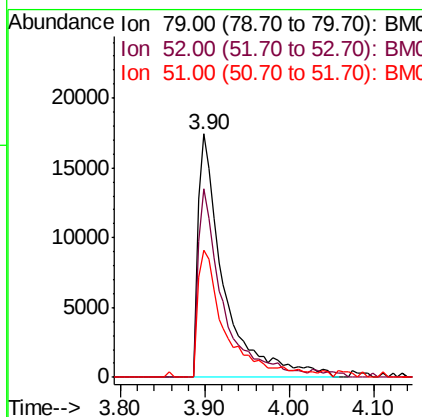
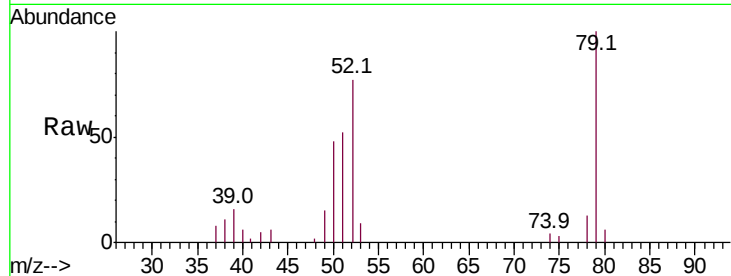




#3
 Pvridine
 Concen: 14.204 ng
 RT: 3.90 min Scan# 104
 Delta R.T. 0.01 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

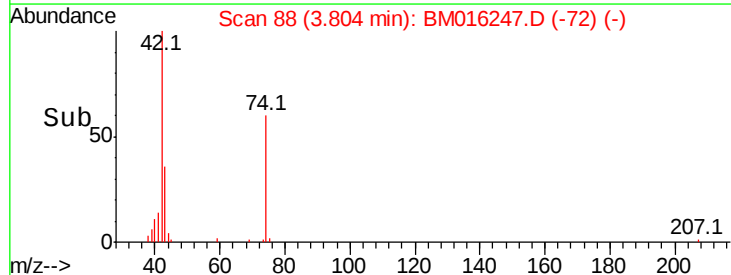
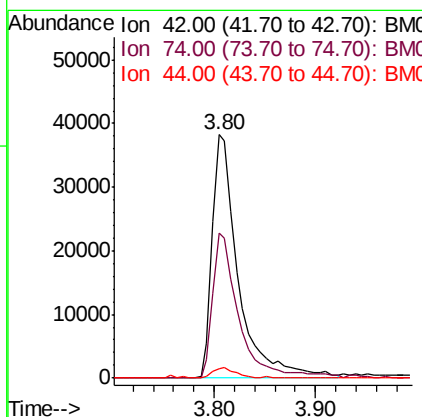
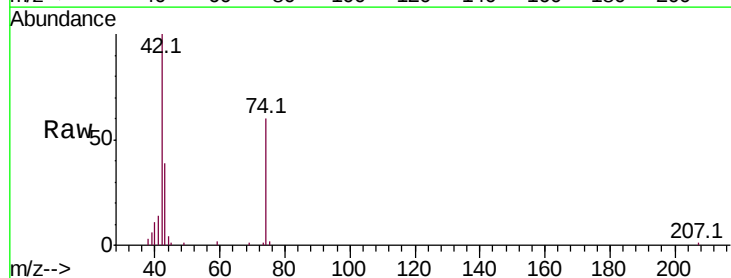
Instrument :
 BNA_M
 ClientSampleId :

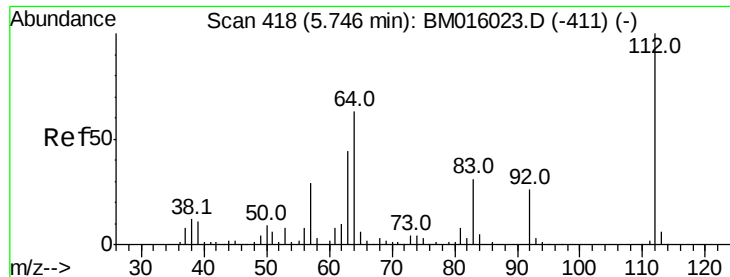
Tot Ion: 79 Resp: 36489
 Ion Ratio Lower Upper
 79 100
 52 77.3 51.1 76.7#
 51 52.0 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 34.360 ng
 RT: 3.80 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion: 42 Resp: 68845
 Ion Ratio Lower Upper
 42 100
 74 59.7 119.3 178.9#
 44 4.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 34.360 ng

RT: 5.66 min Scan# 404

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampled :

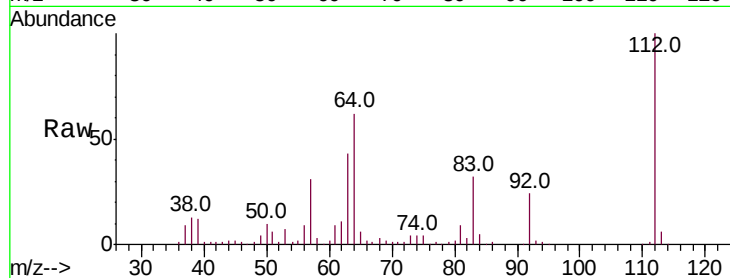
Tot Ion:112 Resp: 220479

Ion Ratio Lower Upper

112 100

64 62.3 38.6 57.8#

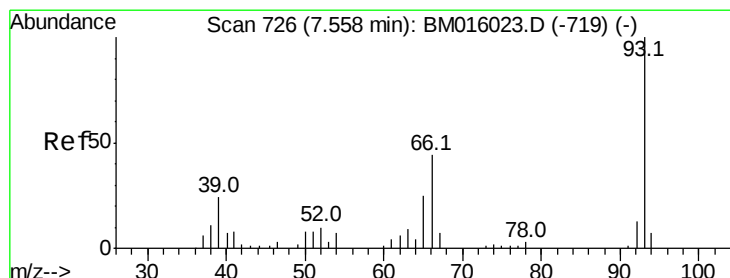
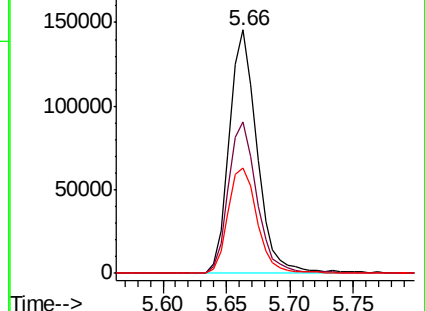
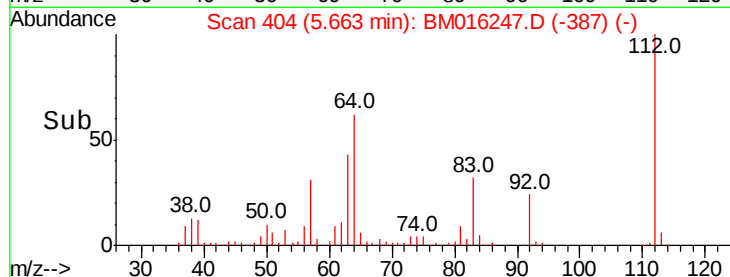
63 43.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 19.570 ng

RT: 7.46 min Scan# 710

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

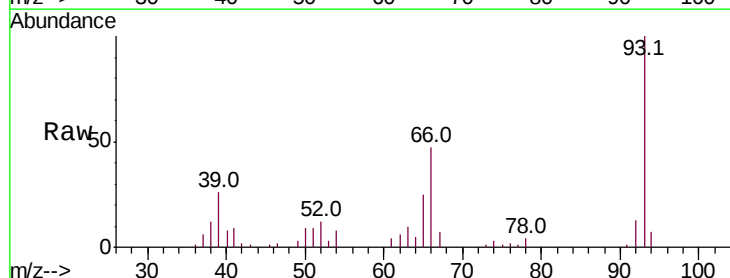
Tgt Ion: 93 Resp: 66973

Ion Ratio Lower Upper

93 100

66 46.6 30.8 46.2#

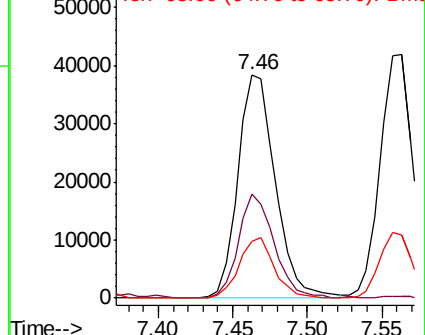
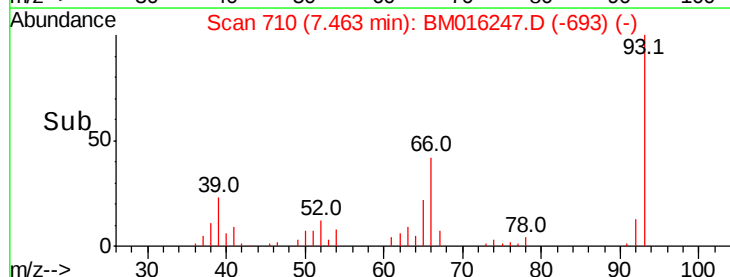
65 25.2 16.0 24.0#

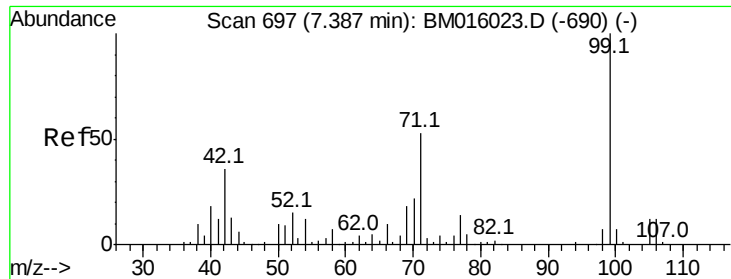


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 19.570 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampled :

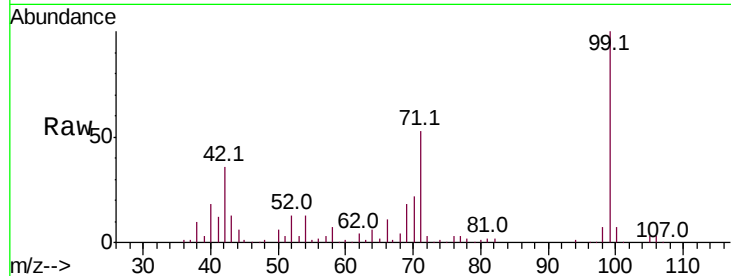
Tot Ion: 99 Resp: 269257

Ion Ratio Lower Upper

99 100

42 36.1 11.0 16.4#

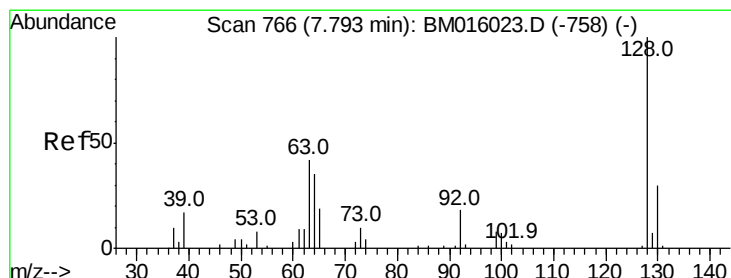
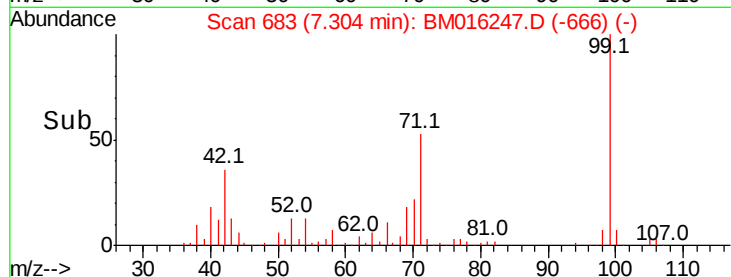
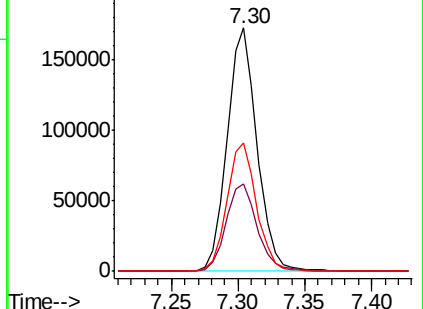
71 52.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 28.842 ng

RT: 7.70 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

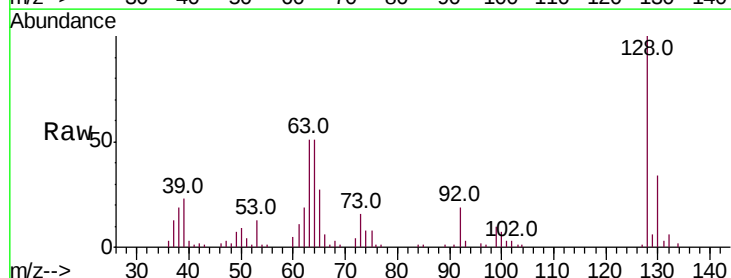
Tgt Ion:128 Resp: 78017

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

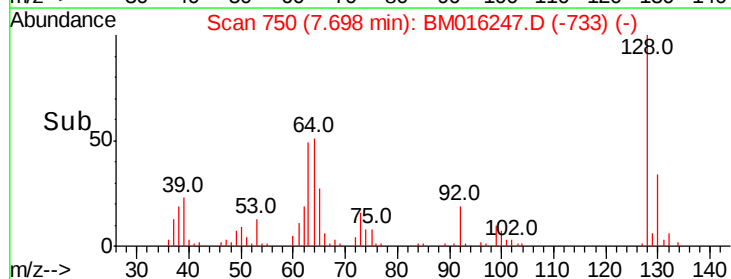
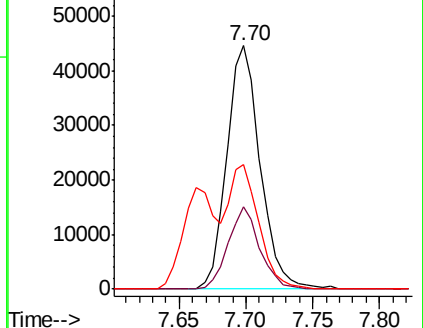
64 51.1 24.9 64.9

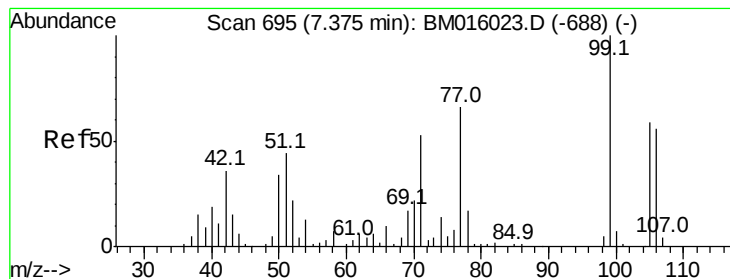


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#9

Benzaldehyde

Concen: 19.503 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampled :

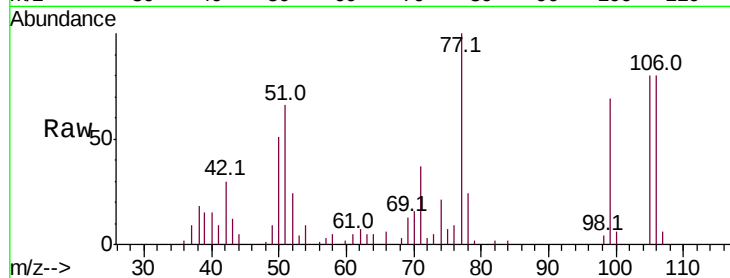
Tot Ion: 77 Resp: 40728

Ion Ratio Lower Upper

77 100

105 79.8 78.8 118.8

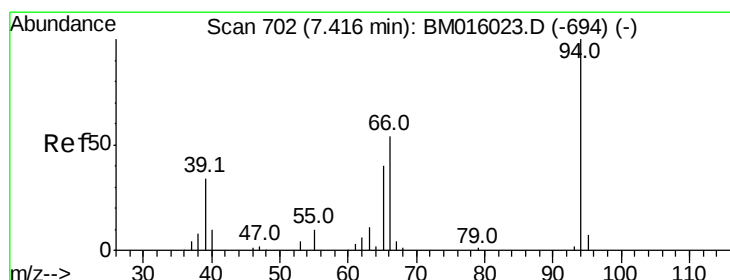
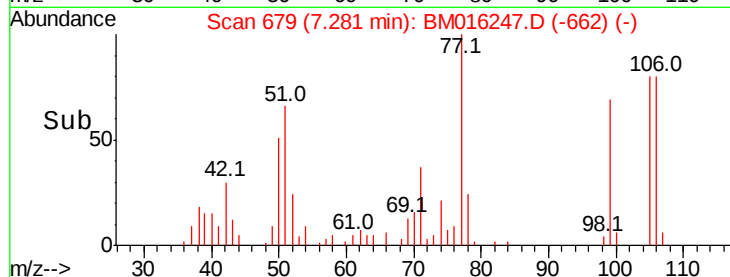
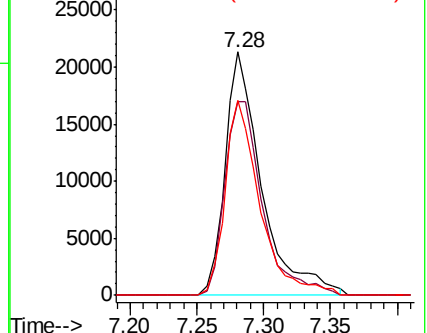
106 80.1 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016247.D (-670) (-)

Ion 105.00 (104.70 to 105.70): BM016247.D (-670) (-)

Ion 106.00 (105.70 to 106.70): BM016247.D (-670) (-)



#10

Phenol

Concen: 29.260 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

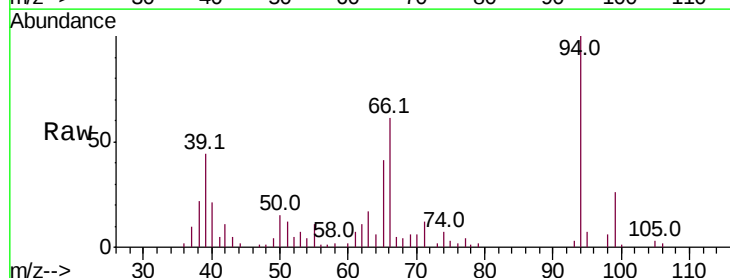
Tgt Ion: 94 Resp: 86963

Ion Ratio Lower Upper

94 100

65 40.9 18.8 58.8

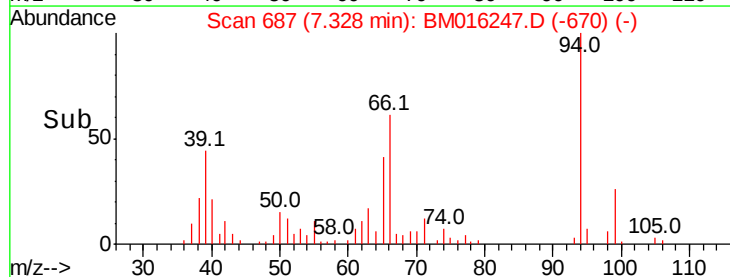
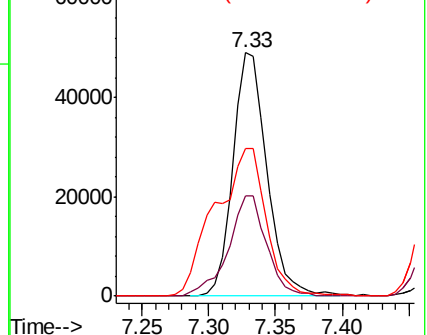
66 60.7 39.9 79.9

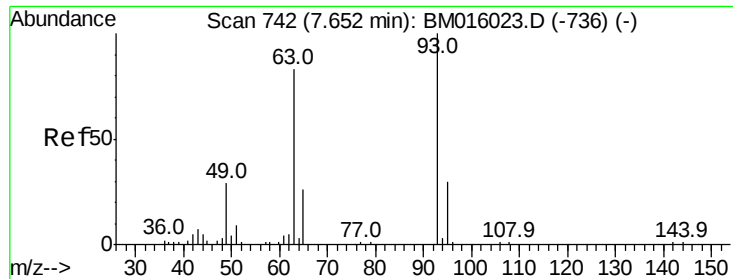


Abundance Ion 94.00 (93.70 to 94.70): BM016247.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM016247.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM016247.D (-670) (-)





#11

bis(2-Chloroethyl)ether

Concen: 28.258 ng

RT: 7.56 min Scan# 727

Delta R.T. 0.01 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampleId :

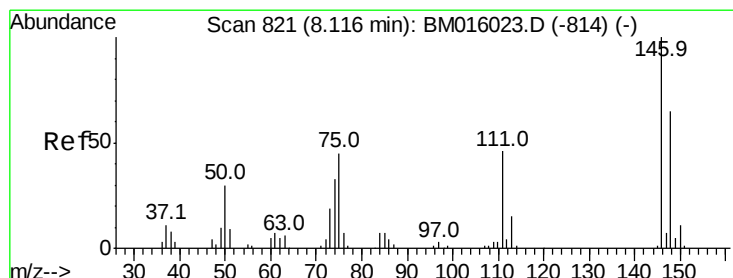
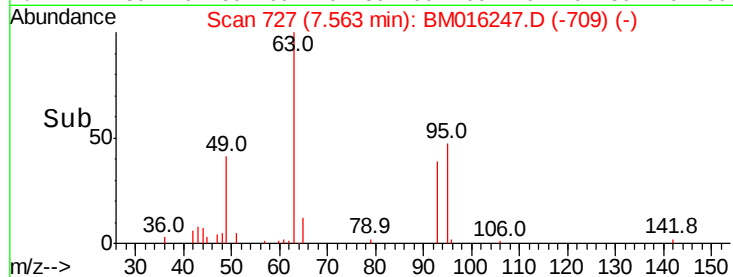
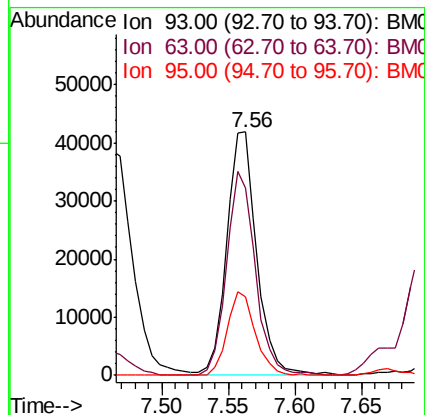
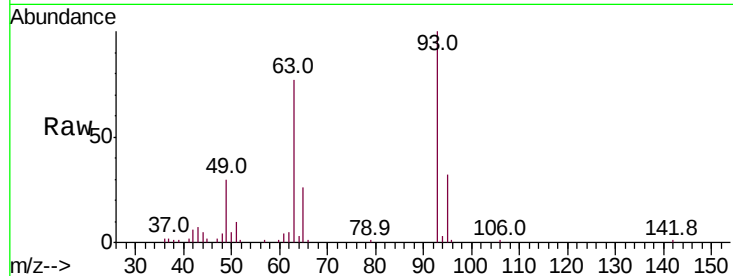
Tot Ion: 93 Resp: 66346

Ion Ratio Lower Upper

93 100

63 77.0 49.5 89.5

95 32.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 27.489 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

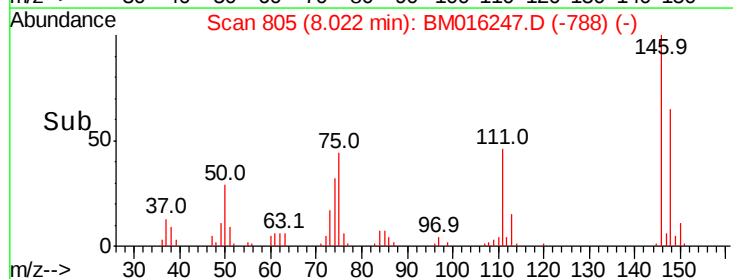
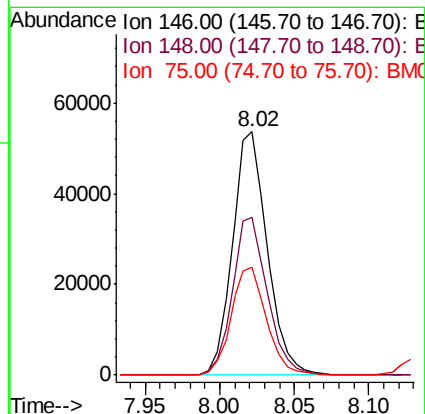
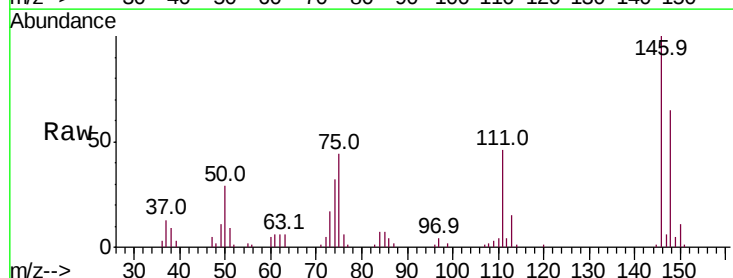
Tgt Ion: 146 Resp: 87036

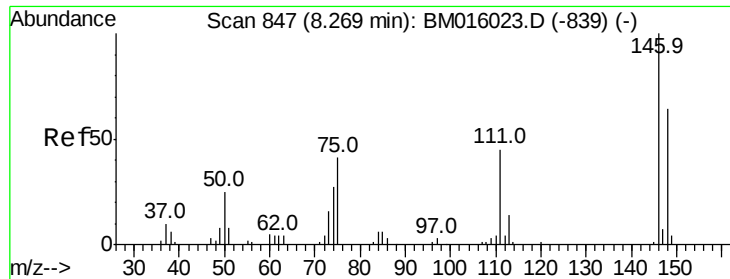
Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

75 44.3 21.4 32.2#

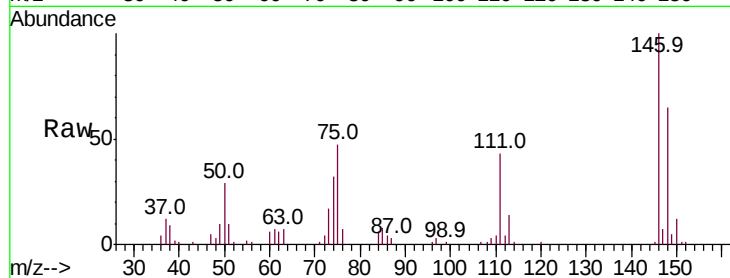




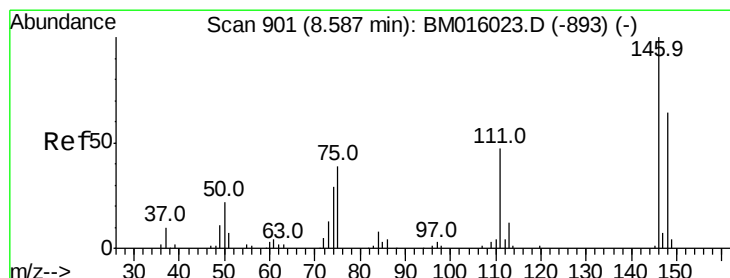
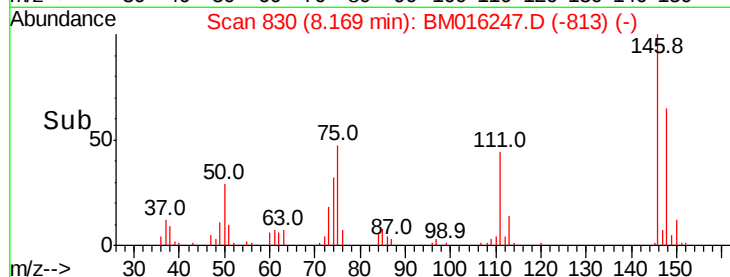
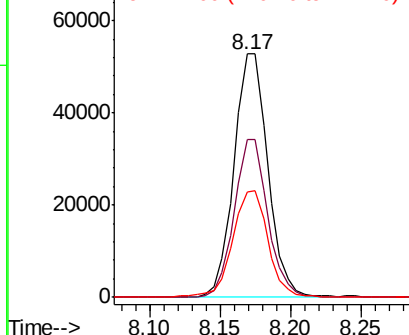
#13
 1,4-Dichlorobenzene
 Concen: 27.635 ng
 RT: 8.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 88741
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 43.2 29.2 43.8

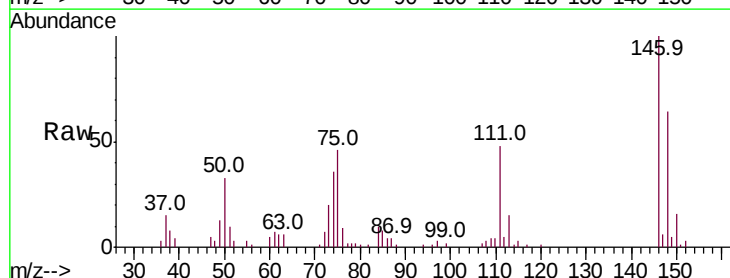


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

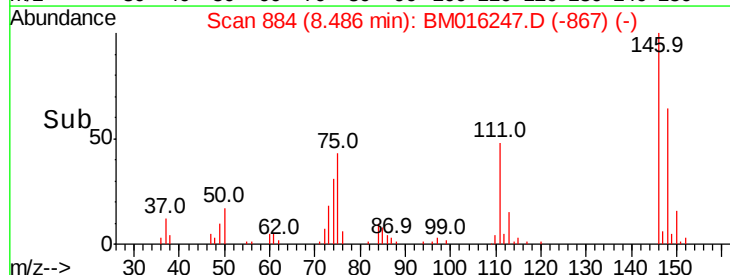
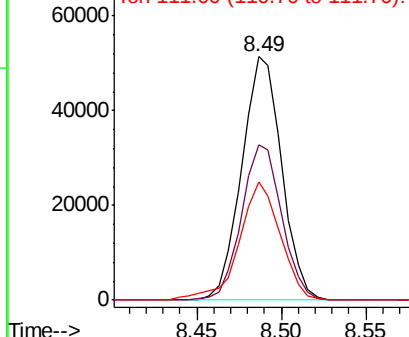


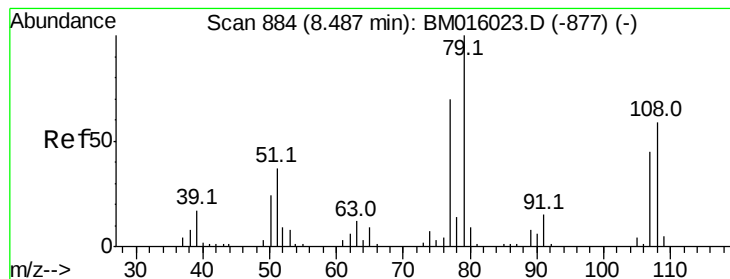
#14
 1,2-Dichlorobenzene
 Concen: 26.956 ng
 RT: 8.49 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion:146 Resp: 84697
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 48.3 30.6 45.8#



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





#15

Benzyl Alcohol

Concen: 28.502 ng

RT: 8.39 min Scan# 868

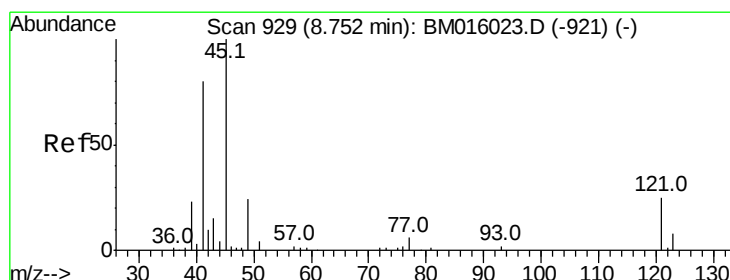
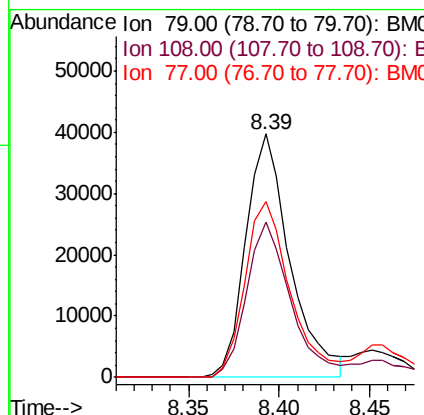
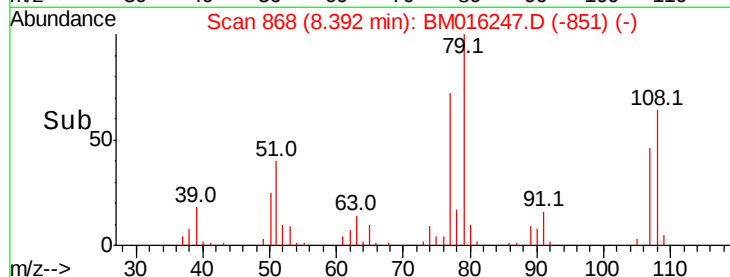
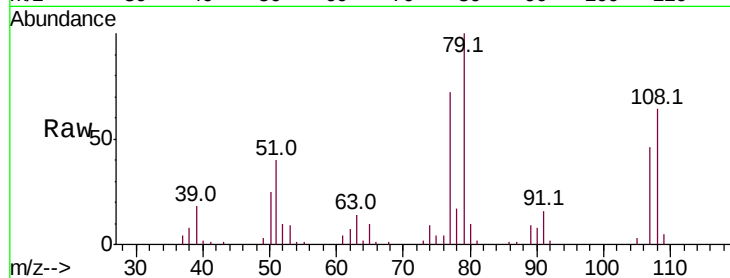
Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampled :

Tot Ion: 79 Resp: 67455
Ion Ratio Lower Upper
79 100
108 63.8 65.0 97.4#
77 72.1 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.453 ng

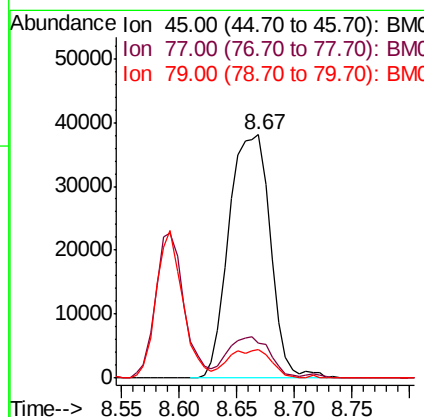
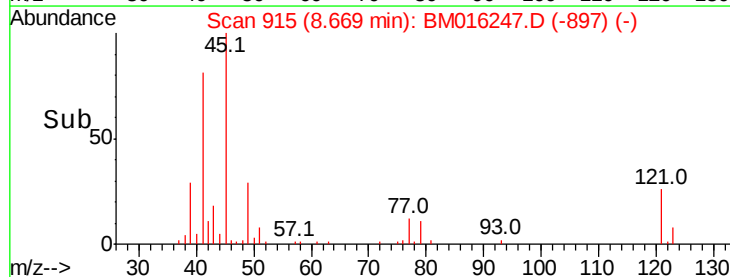
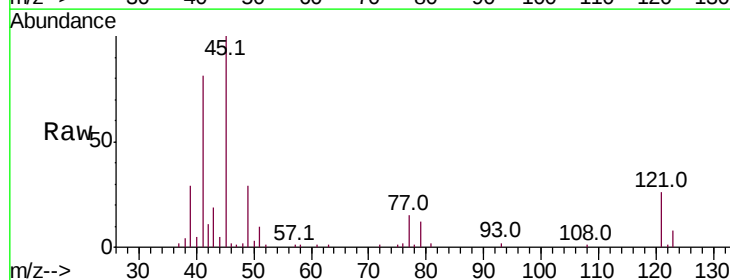
RT: 8.67 min Scan# 915

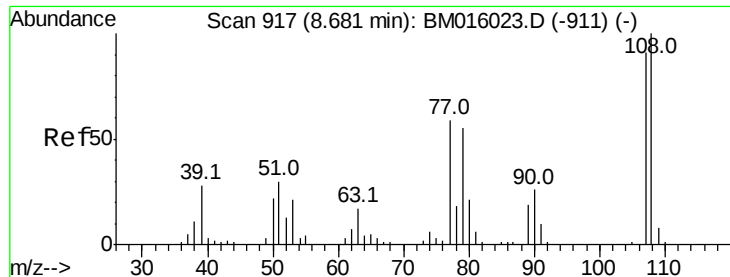
Delta R.T. 0.01 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Tgt Ion: 45 Resp: 95055
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.2
79 12.0 0.0 32.0

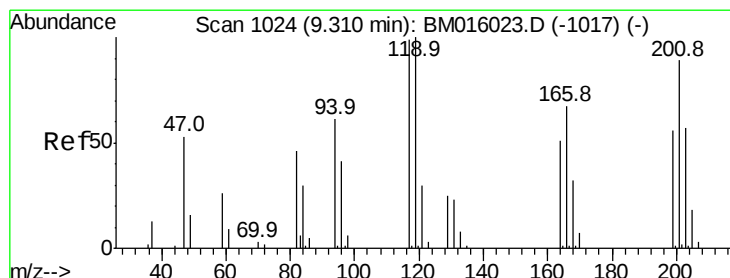
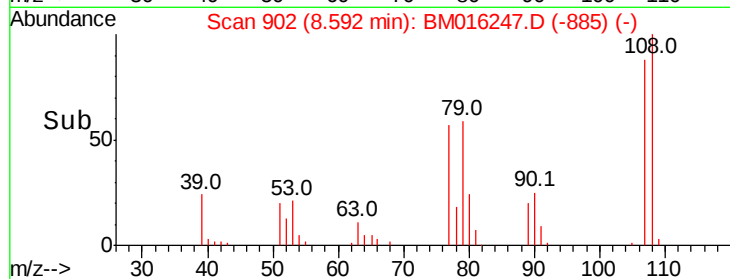
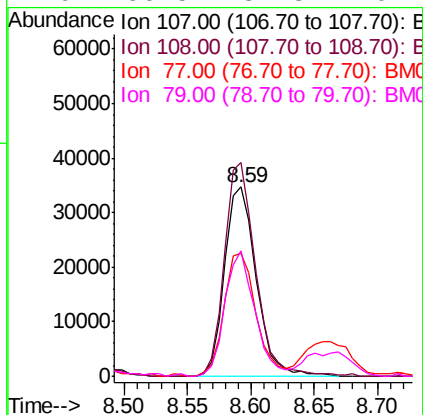
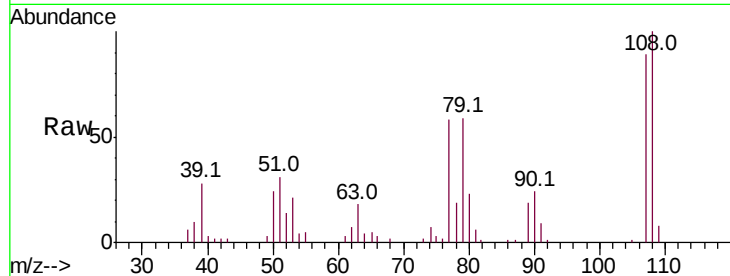




#17
2-Methylphenol
Concen: 29.602 ng
RT: 8.59 min Scan# 902
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

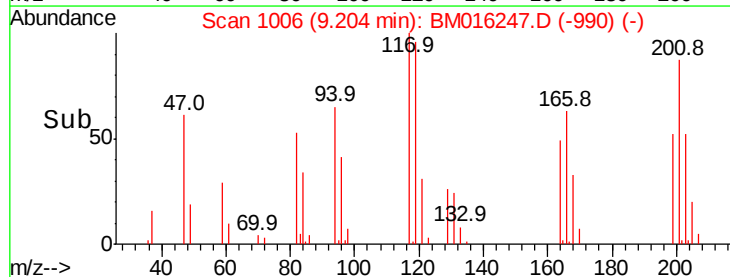
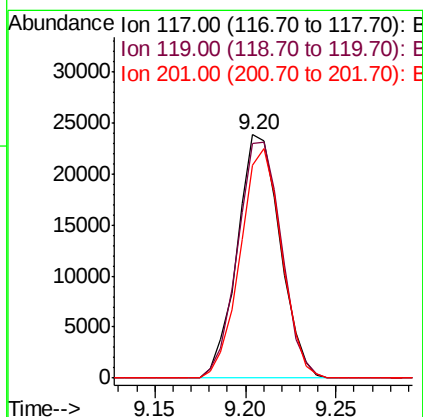
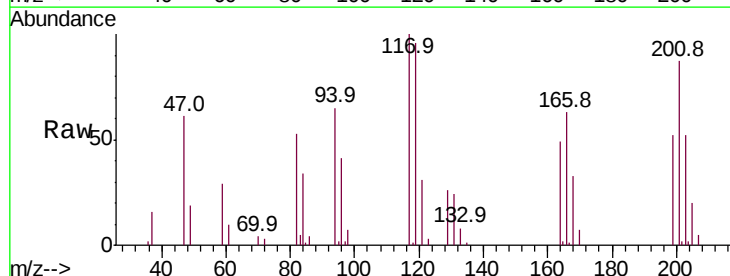
Instrument :
BNA_M
ClientSampled :

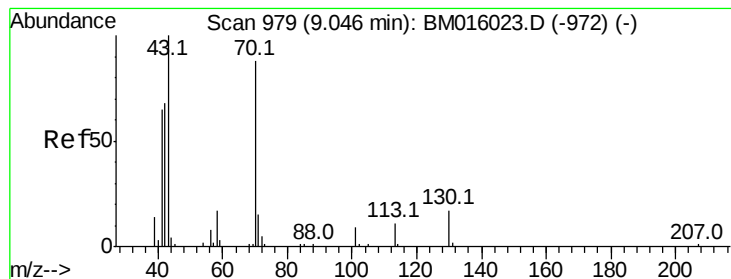
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.8
77	65.2	32.6	48.8#
79	66.5	32.8	49.2#



#18
Hexachloroethane
Concen: 28.292 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.2	118.8
201	87.4	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 26.908 ng

RT: 8.95 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

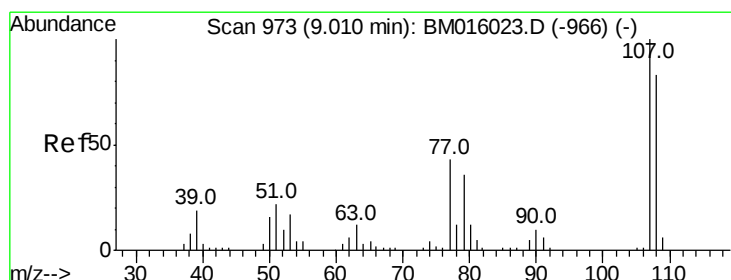
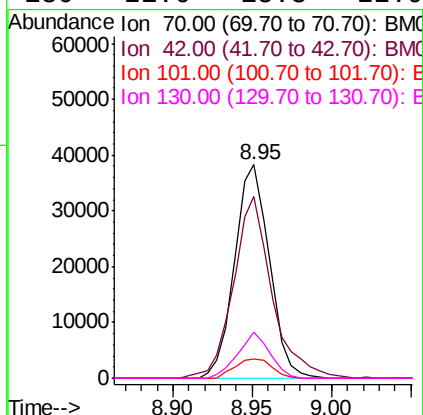
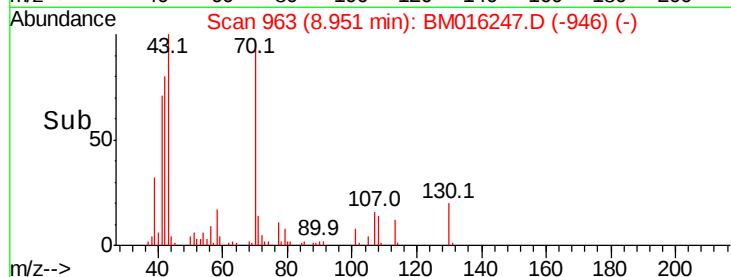
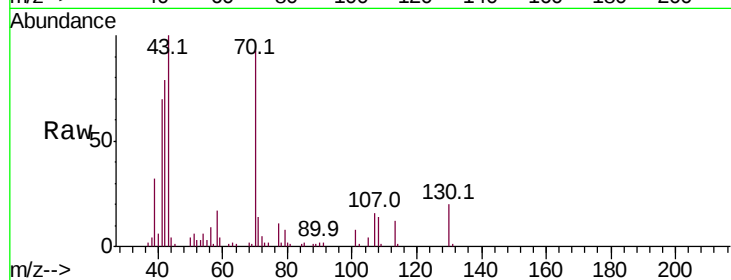
BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 58456

Ion Ratio Lower Upper

70	100		
42	85.4	44.5	66.7#
101	8.7	7.4	11.2
130	21.6	15.3	22.9



#20

3+4-Methylphenols

Concen: 26.769 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

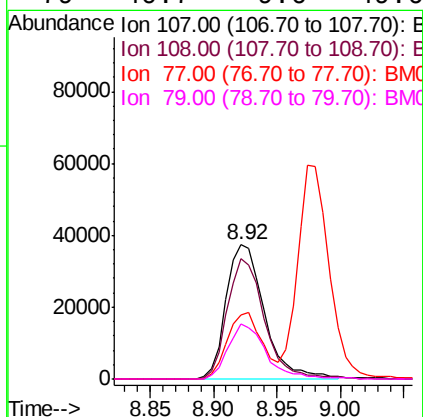
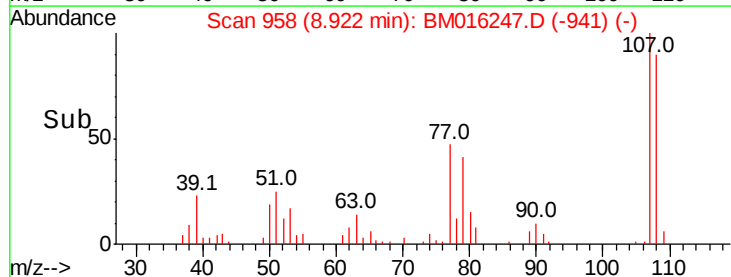
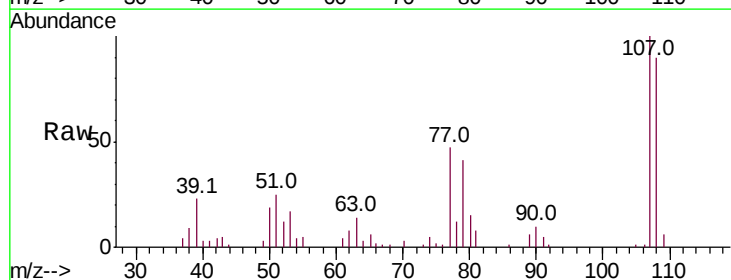
Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Tgt Ion: 107 Resp: 78237

Ion Ratio Lower Upper

107	100		
108	90.0	73.2	113.2
77	47.2	10.7	50.7
79	40.7	9.6	49.6

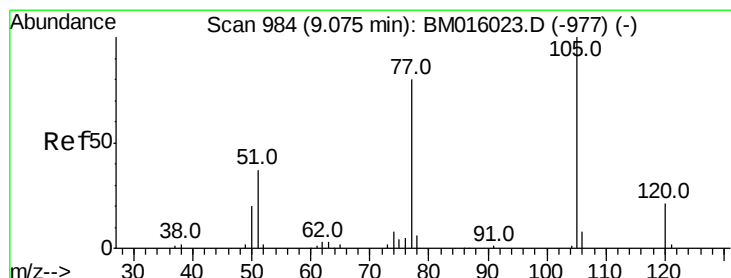
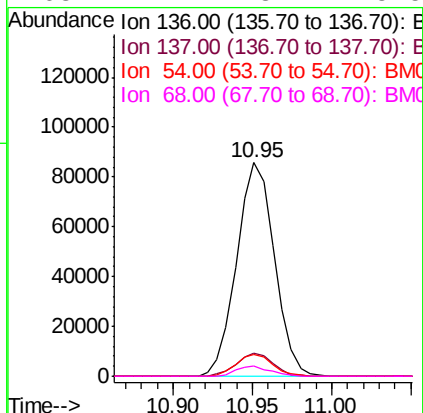
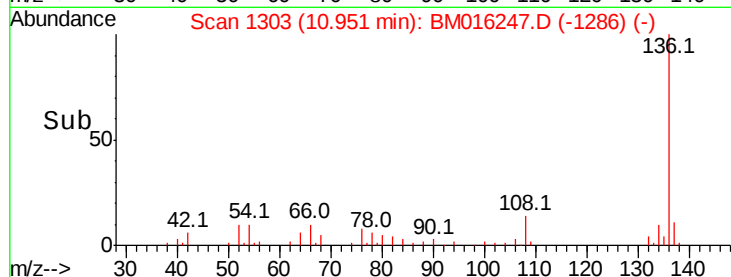
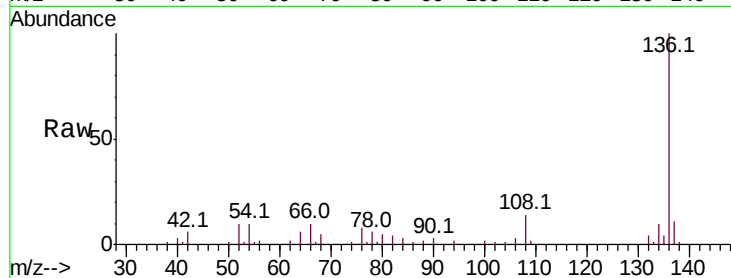




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

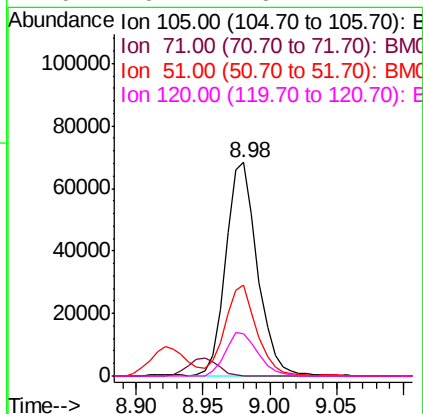
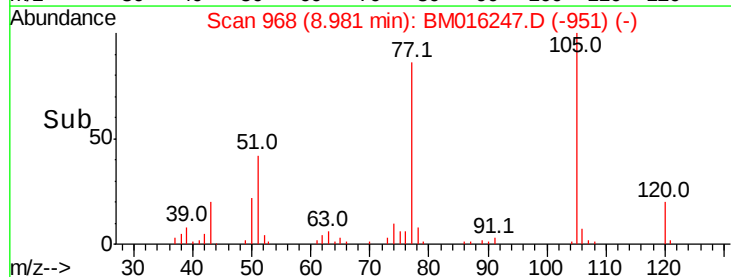
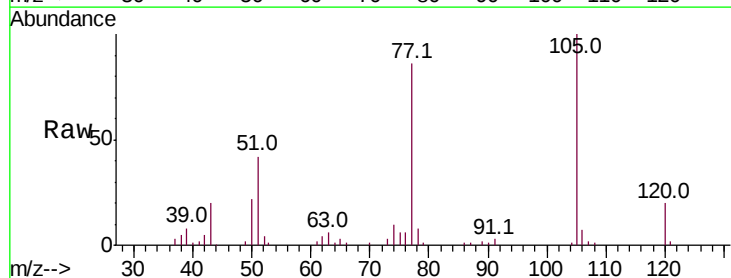
Instrument :
BNA_M
ClientSampleId :

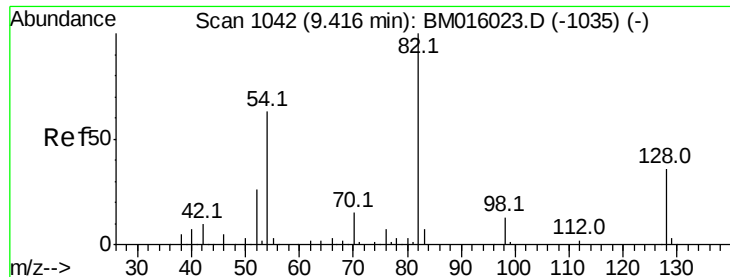
Tot Ion:	136	Resp:	141675
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.0	4.6	6.8#
68	4.7	3.7	5.5



#22
Acetophenone
Concen: 31.835 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion:	105	Resp:	113567
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	42.5	21.6	32.4#
120	20.1	16.1	24.1

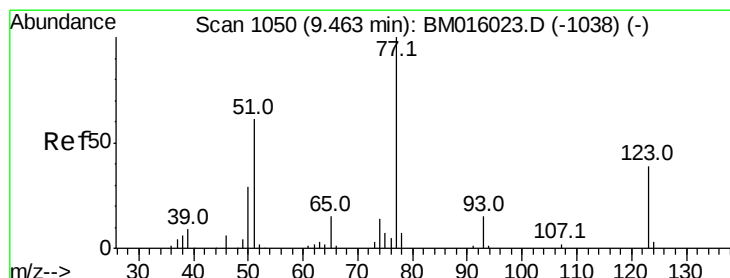
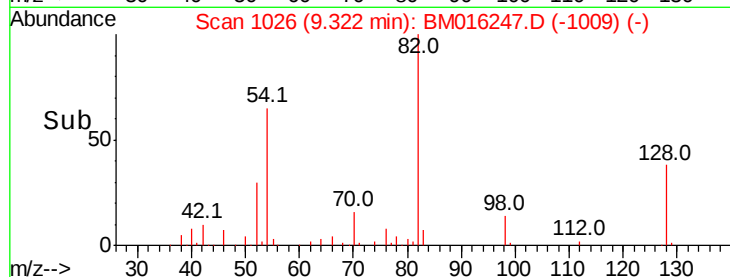
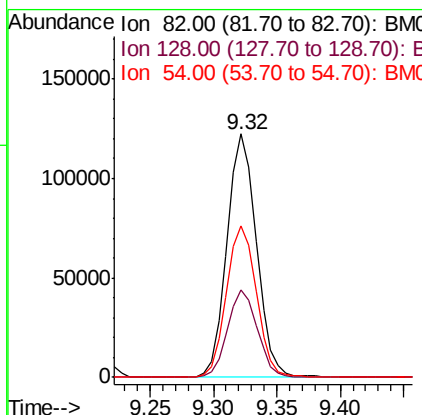
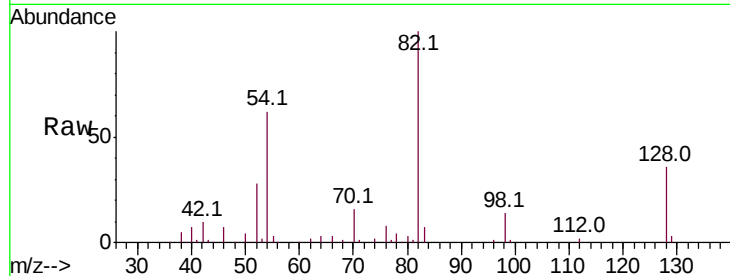




#23
Nitrobenzene-d5
Concen: 31.835 ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

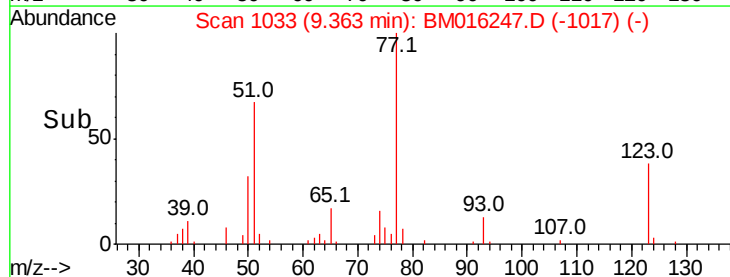
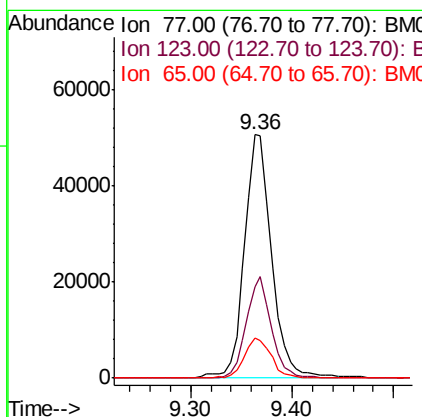
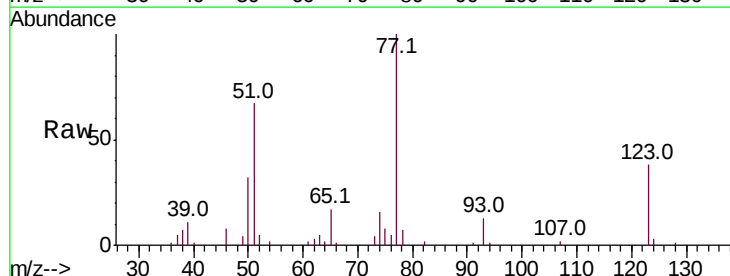
Instrument :
BNA_M
ClientSampleId :

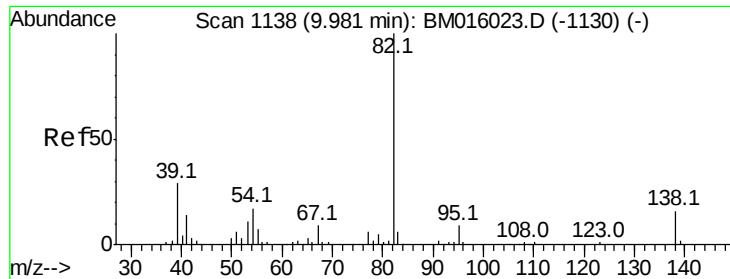
Tot Ion	82	Resp	196681
Ion Ratio	100	Lower	Upper
128	35.8	32.8	49.2
54	62.2	40.6	60.8#



#24
Nitrobenzene
Concen: 30.743 ng
RT: 9.36 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion	77	Resp	94259
Ion Ratio	100	Lower	Upper
123	37.5	32.6	49.0
65	16.6	10.9	16.3#

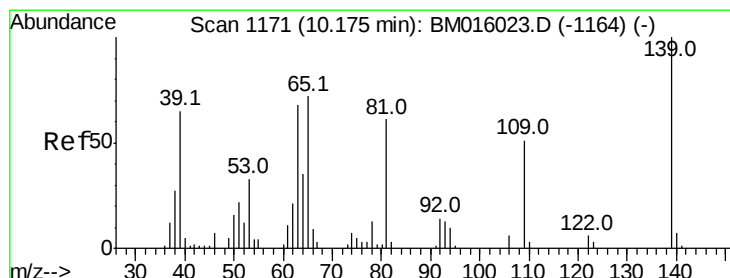
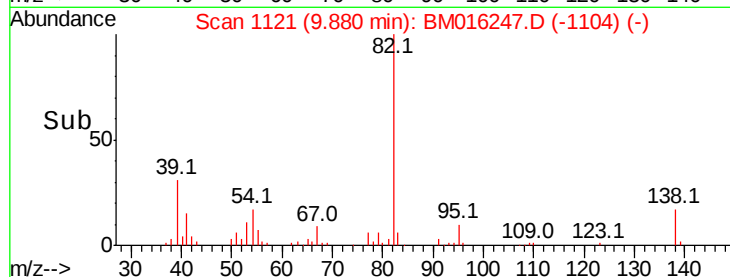
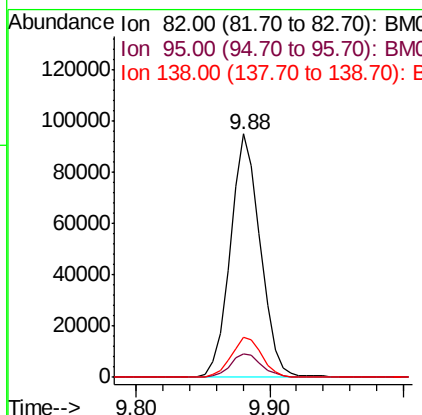
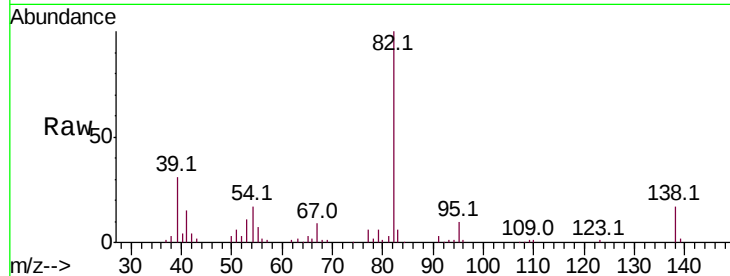




#25
Isophorone
Concen: 35.667 ng
RT: 9.88 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

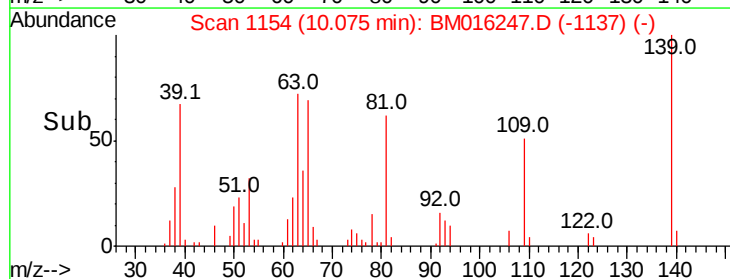
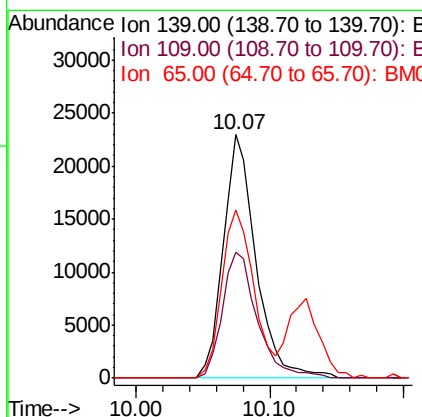
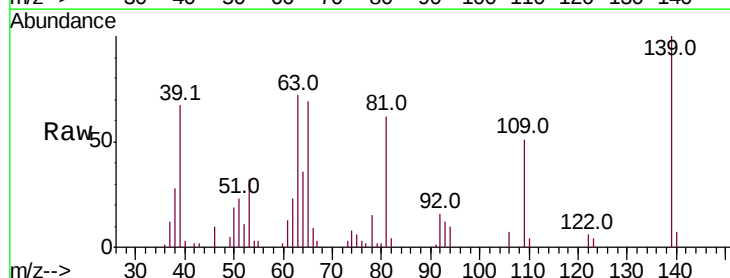
Instrument :
BNA_M
ClientSampleId :

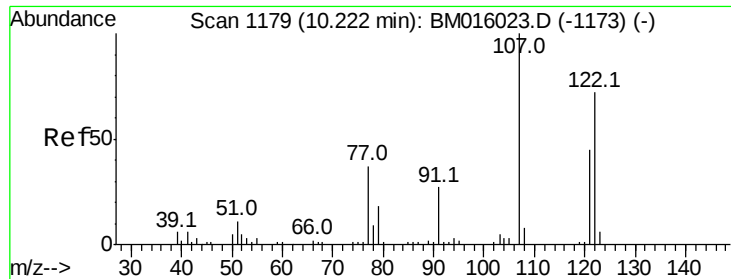
Tot Ion	Ratio	Lower	Upper
82	100		
95	9.9	5.8	8.6#
138	16.7	16.3	24.5



#26
2-Nitrophenol
Concen: 30.739 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	51.5	20.1	30.1#
65	68.9	31.5	47.3#

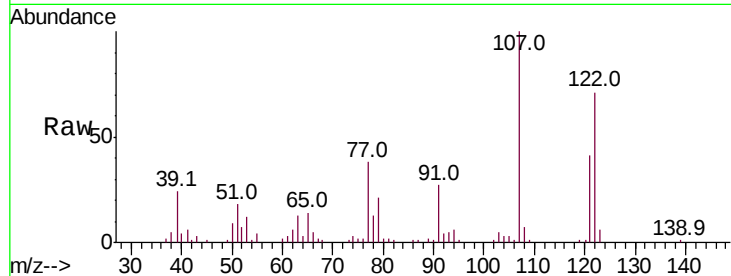




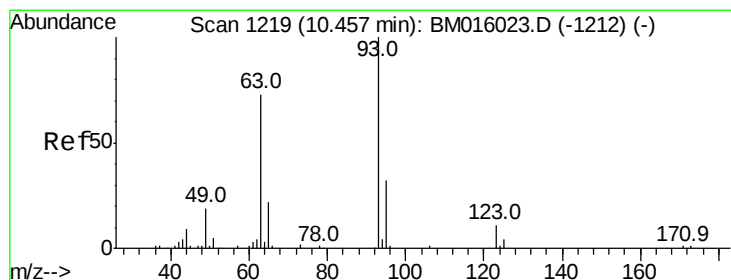
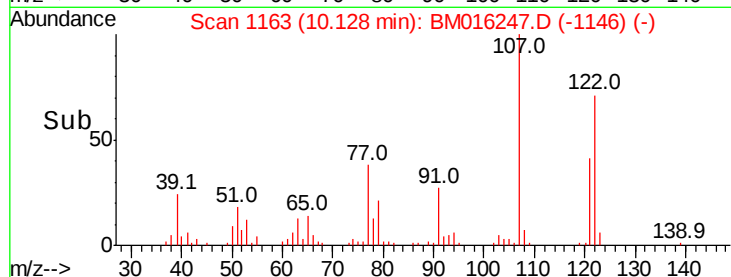
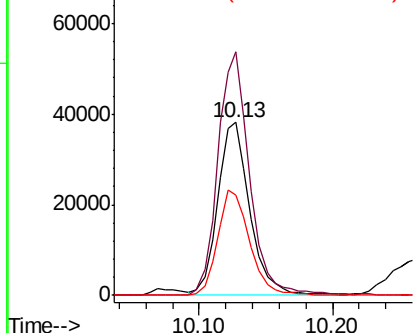
#27
2,4-Dimethylphenol
Concen: 36.201 ng
RT: 10.13 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 64553
Ion Ratio Lower Upper
122 100
107 140.6 84.7 127.1#
121 58.0 46.6 69.8

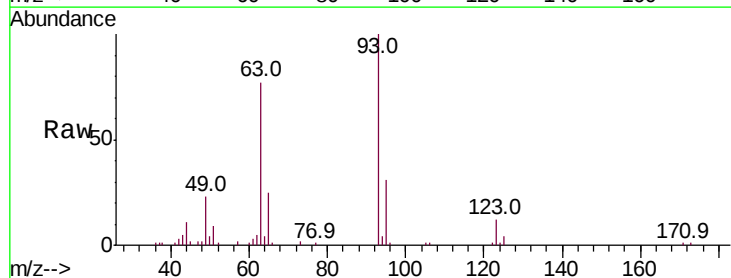


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

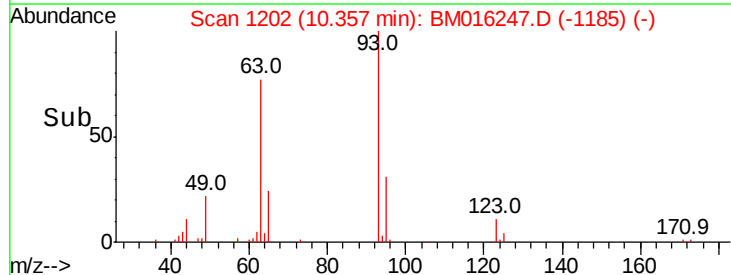
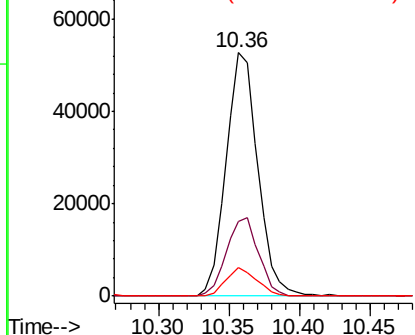


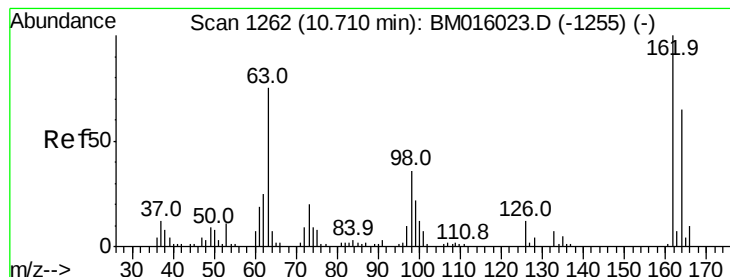
#28
bis(2-Chloroethoxy)methane
Concen: 30.480 ng
RT: 10.36 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion: 93 Resp: 82542
Ion Ratio Lower Upper
93 100
95 30.8 25.5 38.3
123 11.9 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 31.336 ng

RT: 10.61 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampled :

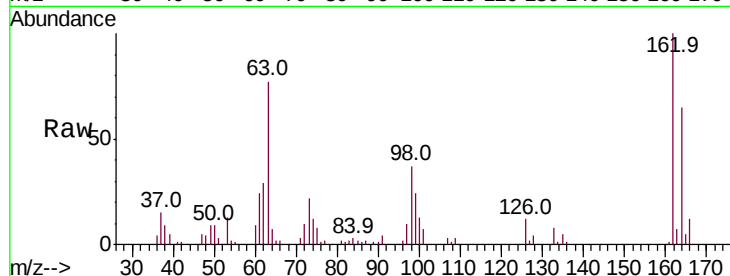
Tot Ion:162 Resp: 66399

Ion Ratio Lower Upper

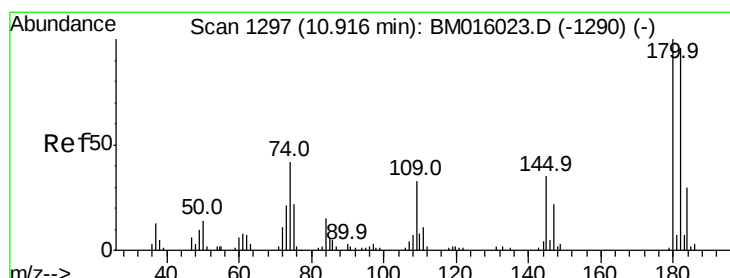
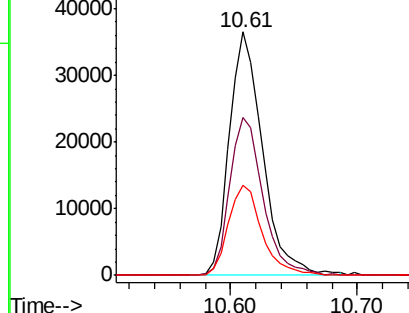
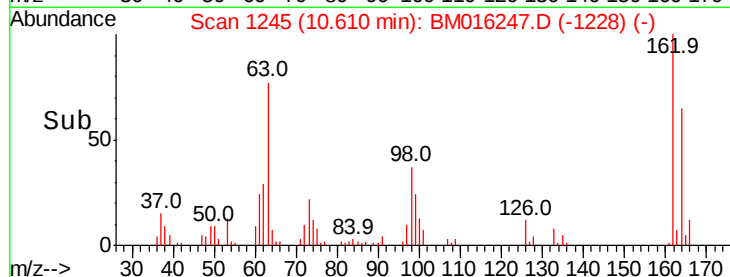
162 100

164 65.1 42.8 82.8

98 36.8 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: 28.729 ng

RT: 10.82 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

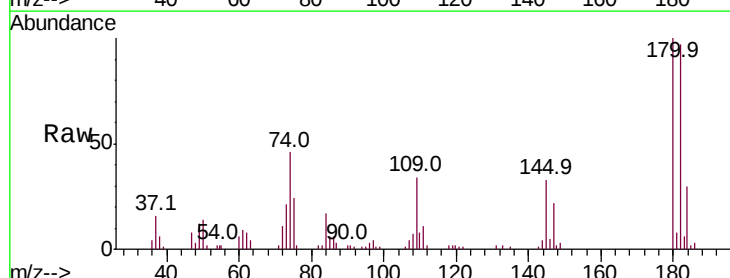
Tgt Ion:180 Resp: 73963

Ion Ratio Lower Upper

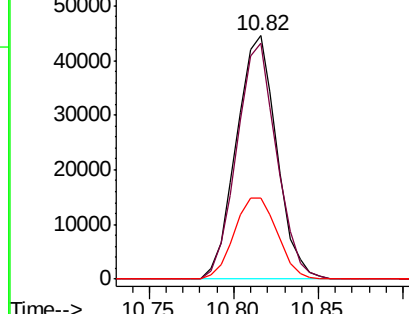
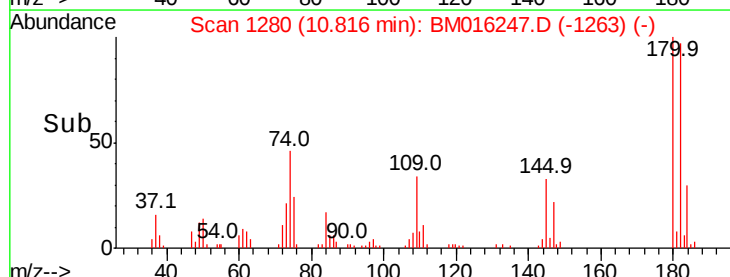
180 100

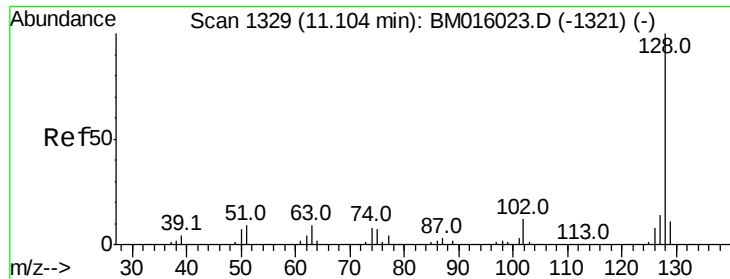
182 96.9 77.6 116.4

145 33.1 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

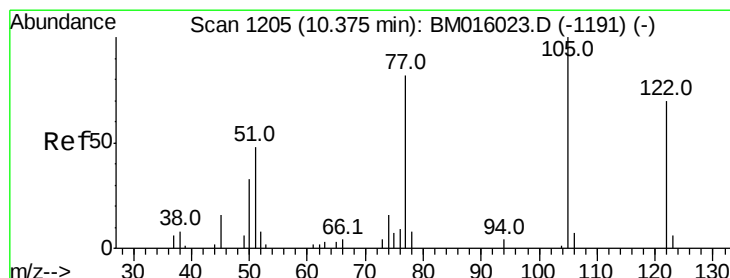
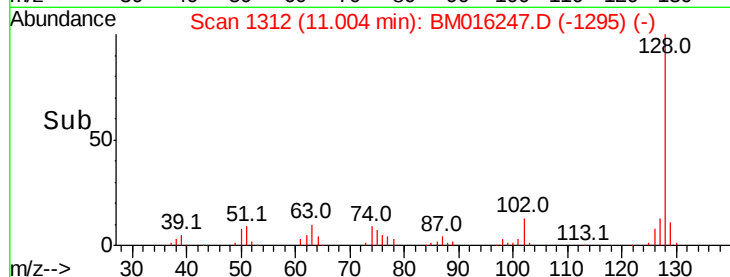
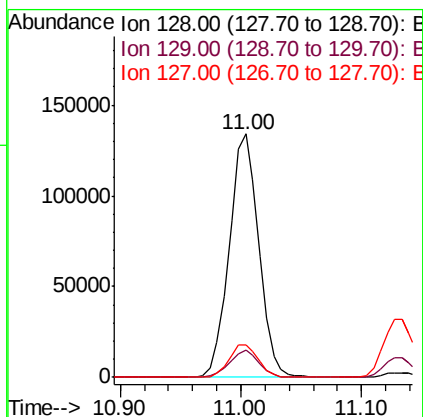
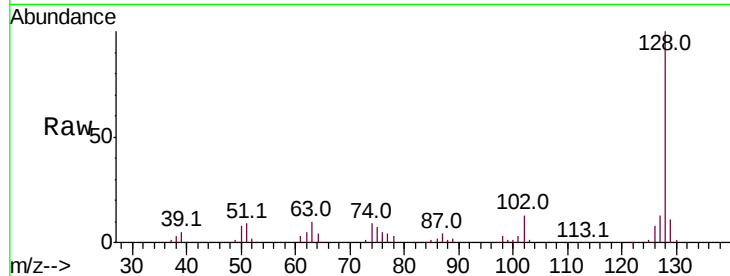




#31
Naphthalene
Concen: 31.741 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

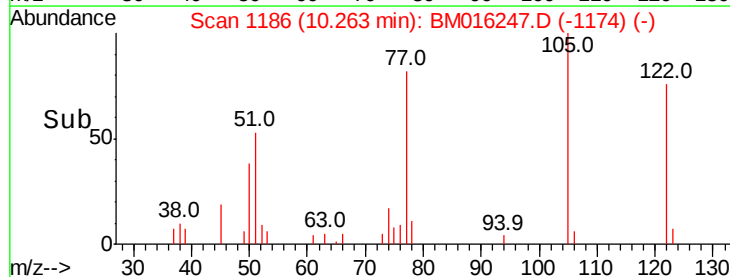
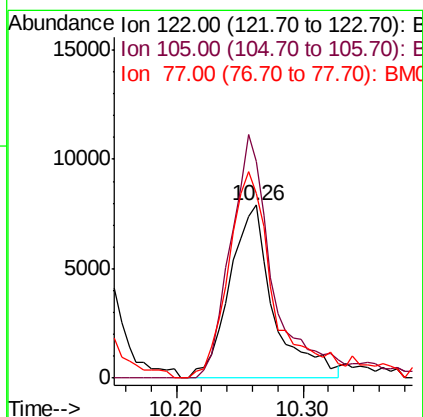
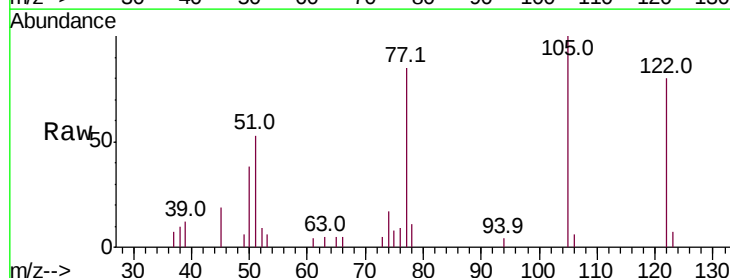
Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 227592
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 13.994 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion:122 Resp: 19022
Ion Ratio Lower Upper
122 100
105 125.5 99.9 139.9
77 106.8 73.7 113.7

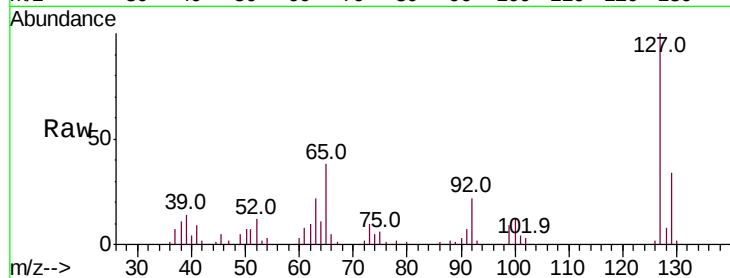




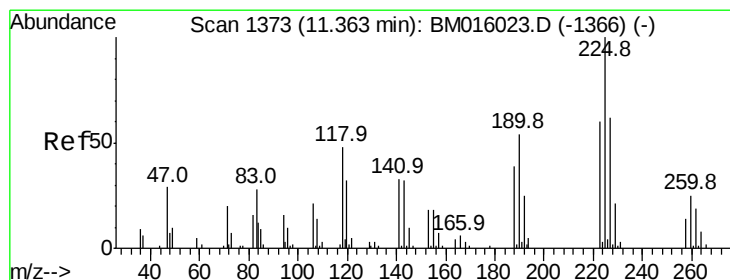
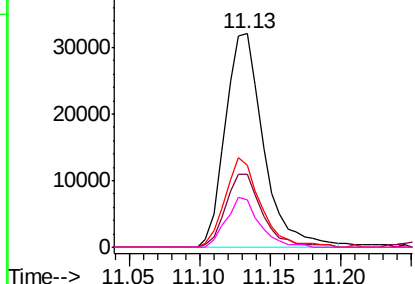
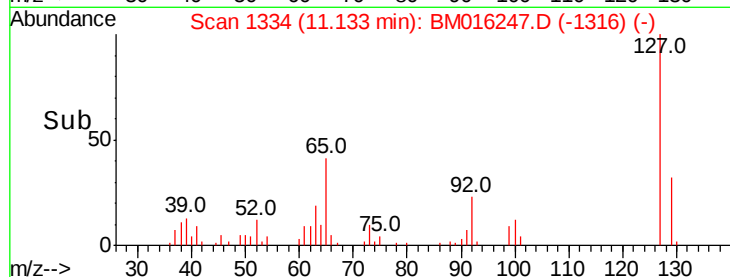
#33
4-Chloroaniline
Concen: 20.724 ng
RT: 11.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	60639
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.3	37.9
65	38.5	17.6	26.4
92	22.0	13.1	19.7

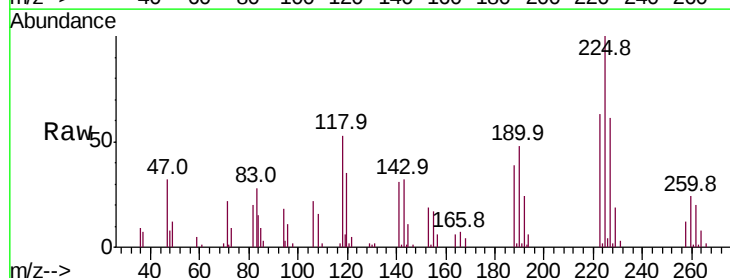


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

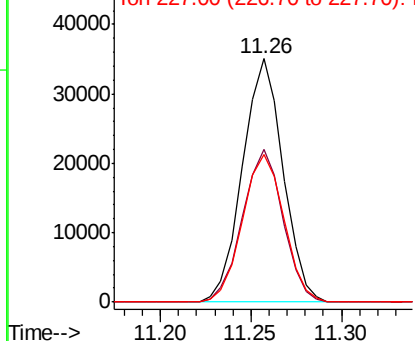
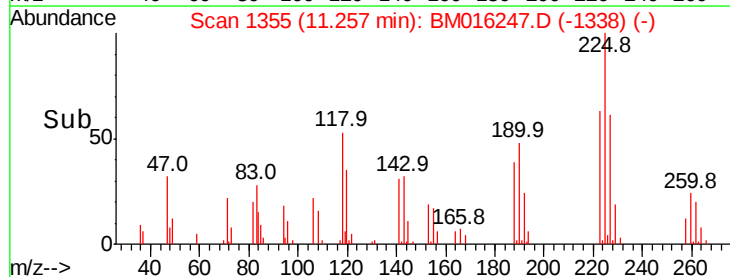


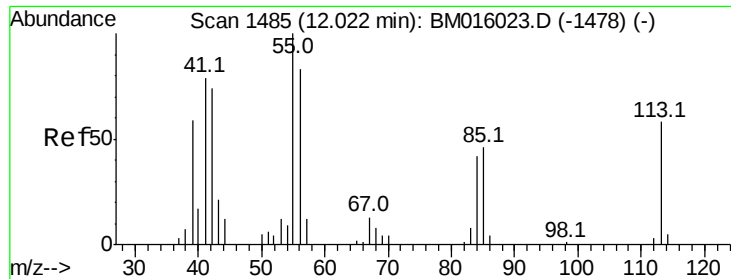
#34
Hexachlorobutadiene
Concen: 30.493 ng
RT: 11.26 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion:	225	Resp:	54456
Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.9	71.9
227	60.6	50.1	75.1



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





#35

Caprolactam

Concen: 27.822 ng

RT: 11.93 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampleId :

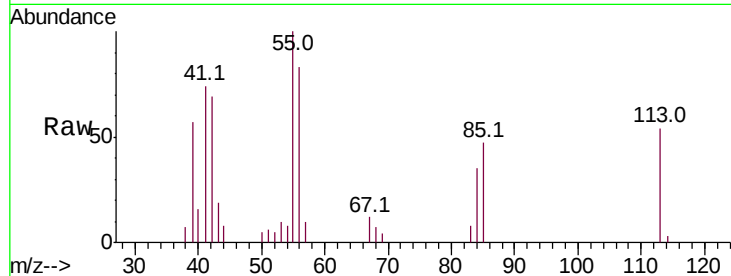
Tot Ion:113 Resp: 16328

Ion Ratio Lower Upper

113 100

55 186.6 145.9 185.9#

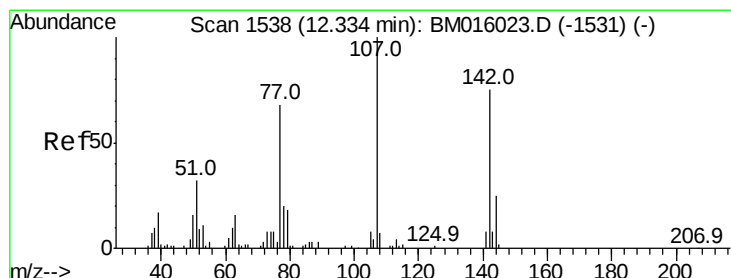
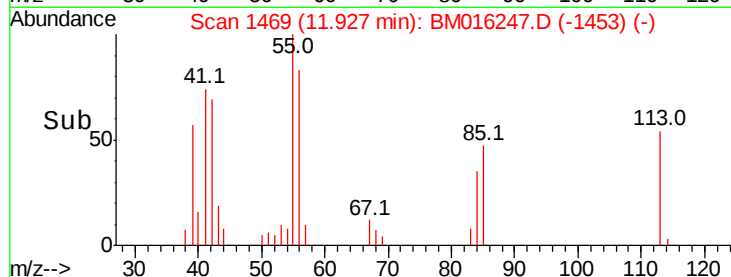
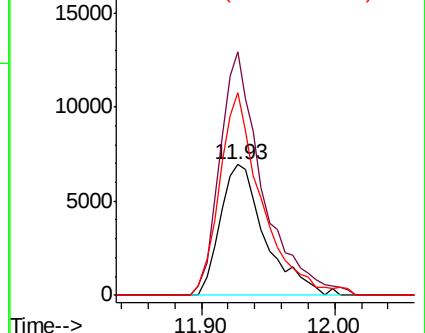
56 155.6 101.0 141.0#



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: 30.543 ng

RT: 12.25 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

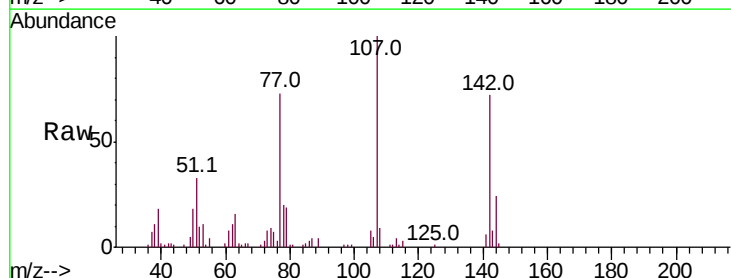
Tgt Ion:107 Resp: 71182

Ion Ratio Lower Upper

107 100

144 24.5 23.3 34.9

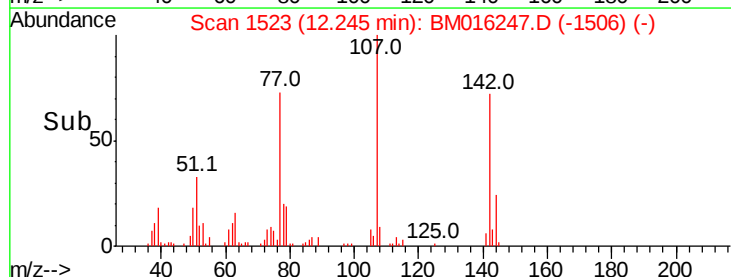
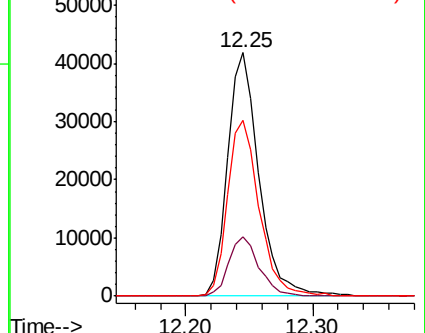
142 72.4 72.6 109.0#

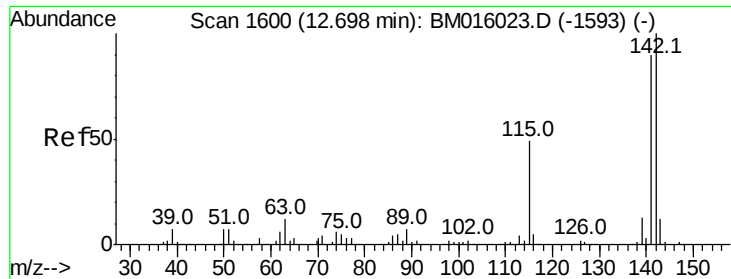


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

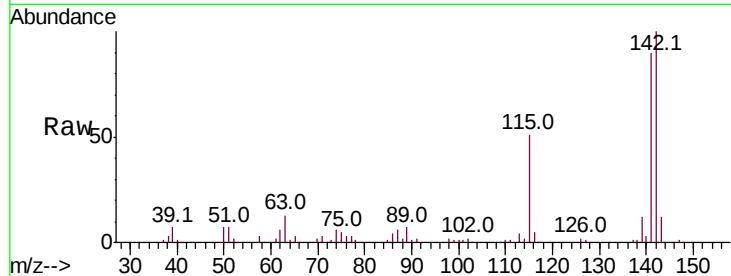




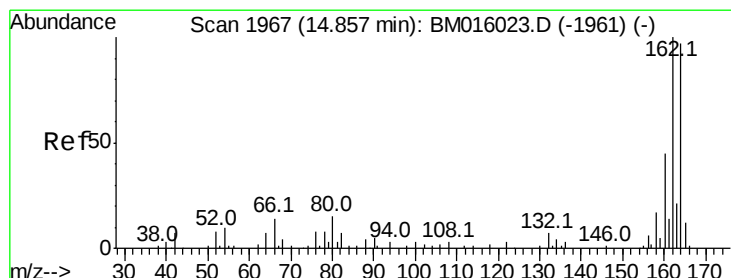
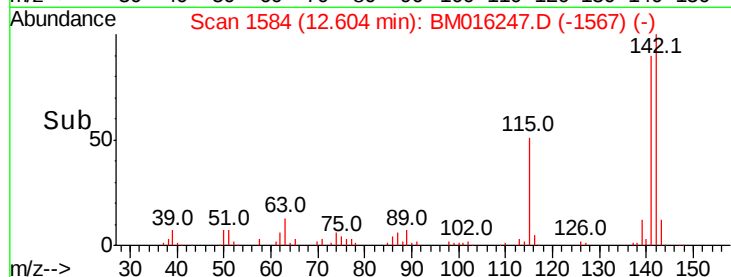
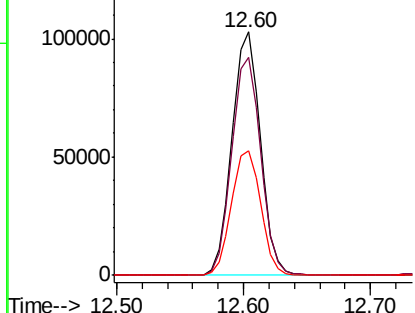
#37
 2-Methylnaphthalene
 Concen: 33.207 ng
 RT: 12.60 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 159501
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.9 107.9
 115 51.0 25.4 38.0#

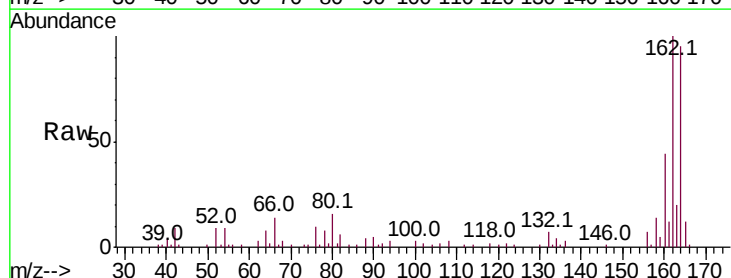


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

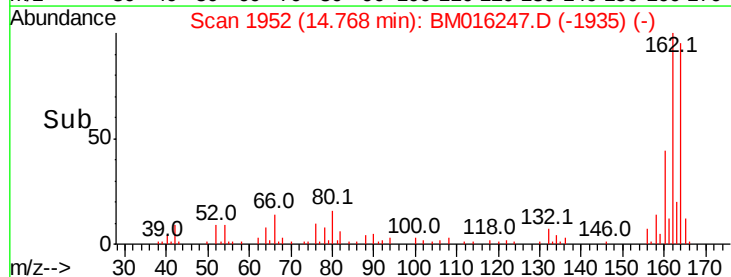
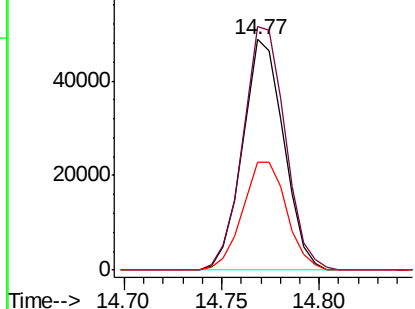


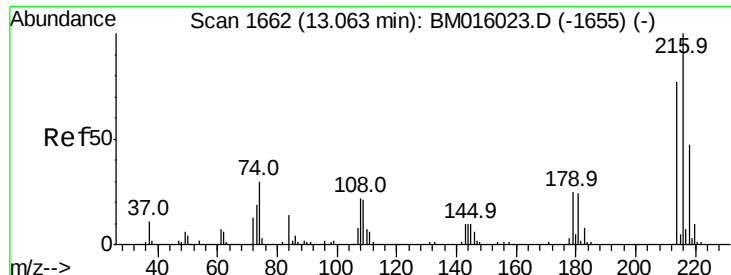
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion:164 Resp: 71062
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.4 123.6
 160 47.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

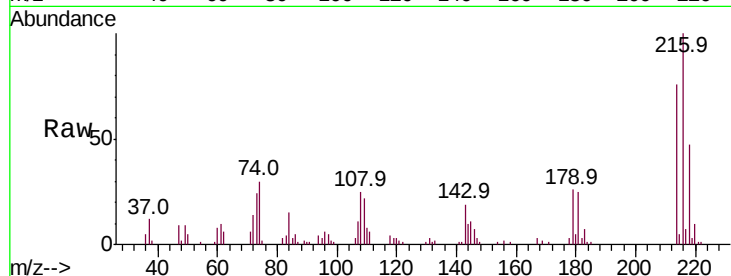




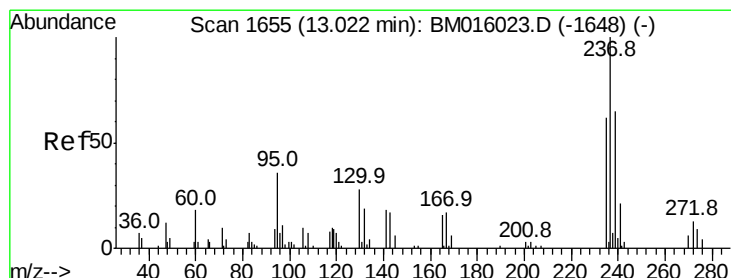
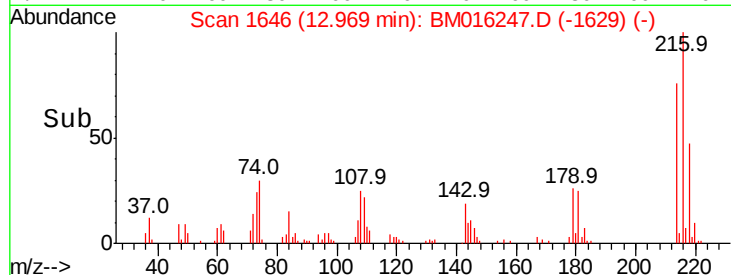
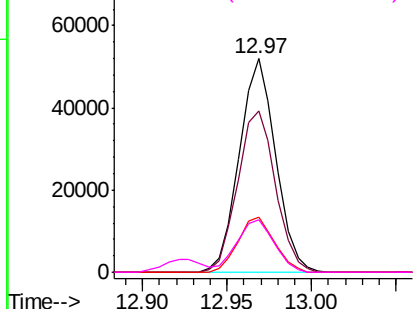
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.174 ng
 RT: 12.97 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	77839
Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	25.7	0.0	0.0#
108	25.4	0.0	0.0#

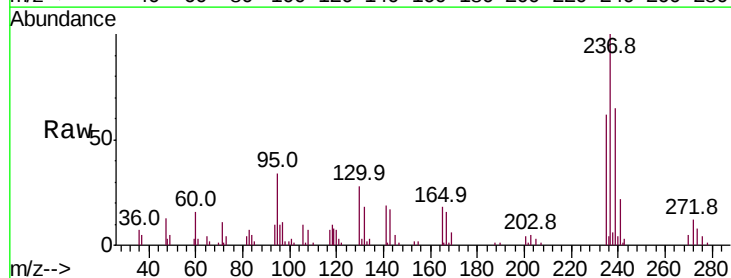


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

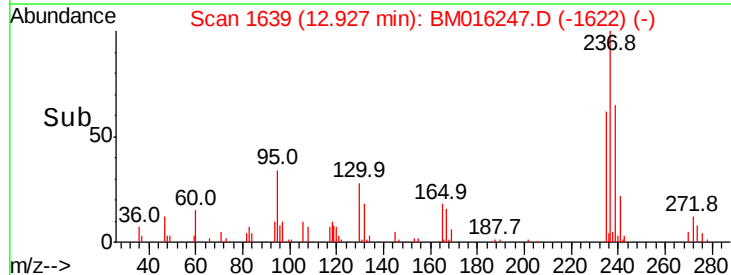
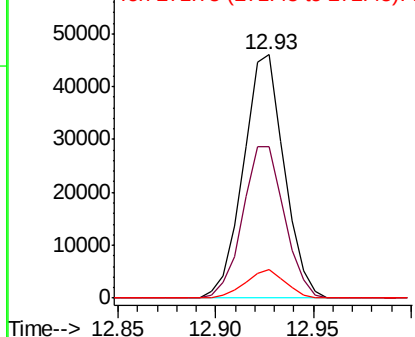


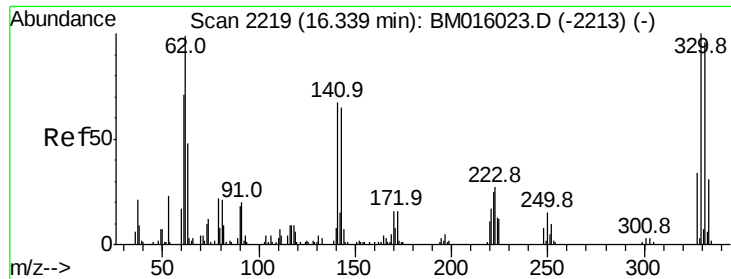
#40
 Hexachlorocyclopentadiene
 Concen: 58.426 ng
 RT: 12.93 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion:	237	Resp:	66664
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.0	82.0
272	11.6	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

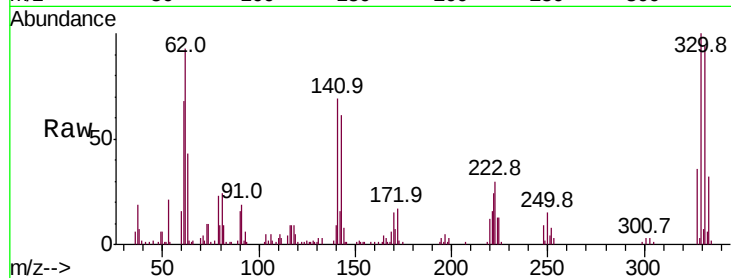




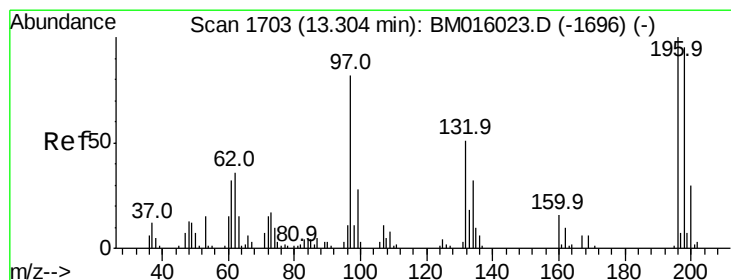
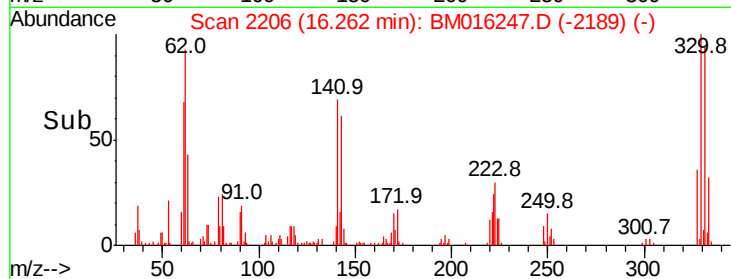
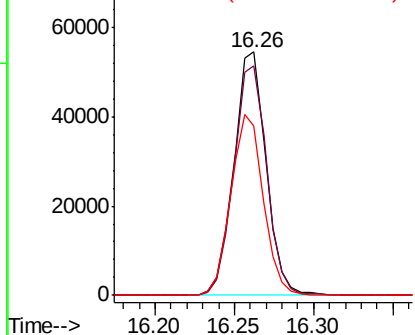
#41
 2,4,6-Tribromophenol
 Concen: 58.426 ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 76696
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 74.5 0.0 0.0#

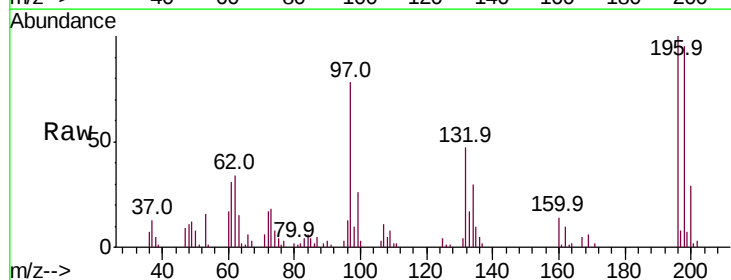


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

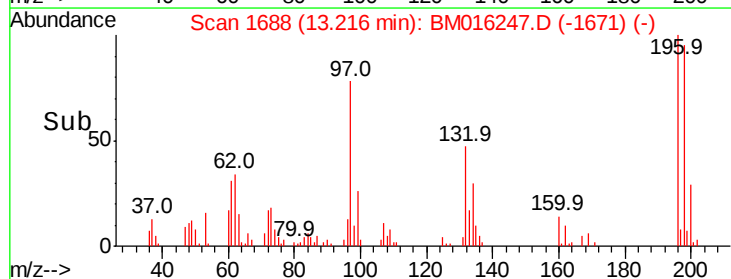
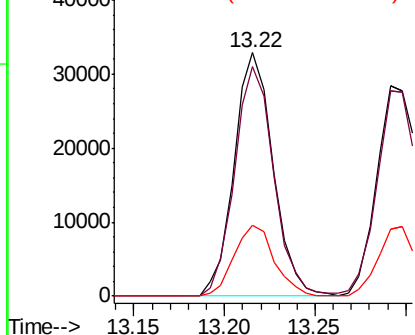


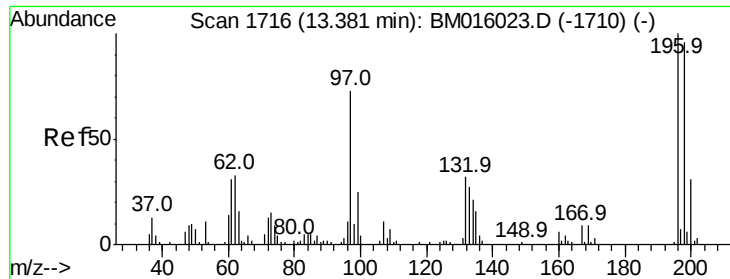
#42
 2,4,6-Trichlorophenol
 Concen: 32.615 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion:196 Resp: 49368
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.3 114.5
 200 29.2 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

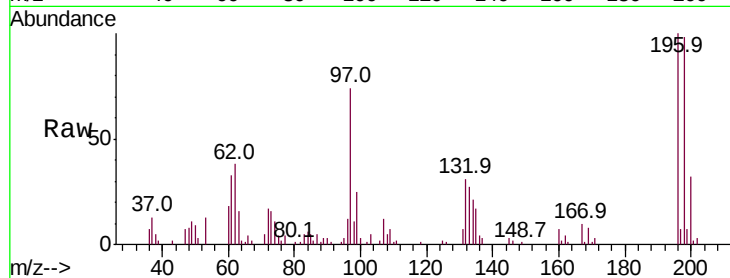




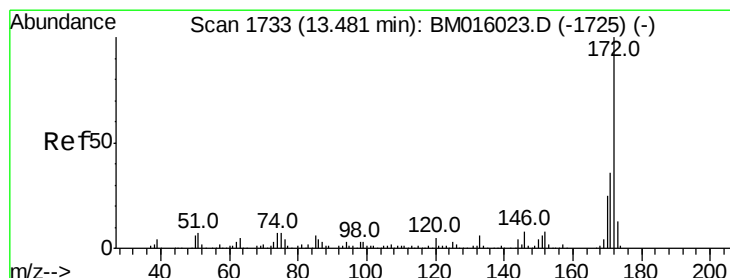
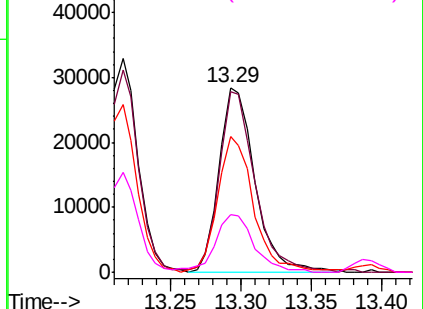
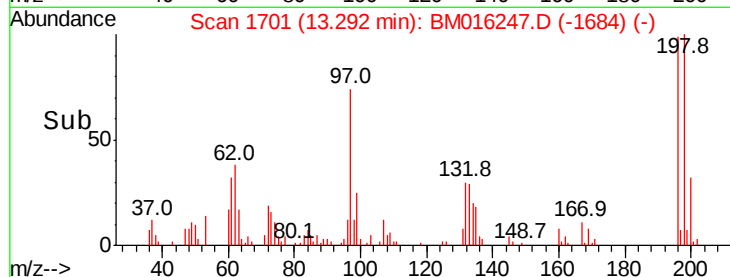
#43
 2,4,5-Trichlorophenol
 Concen: 32.290 ng
 RT: 13.29 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 50414
 Ion Ratio Lower Upper
 196 100
 198 97.6 79.4 119.0
 97 73.5 26.8 40.2#
 132 30.9 18.6 28.0#

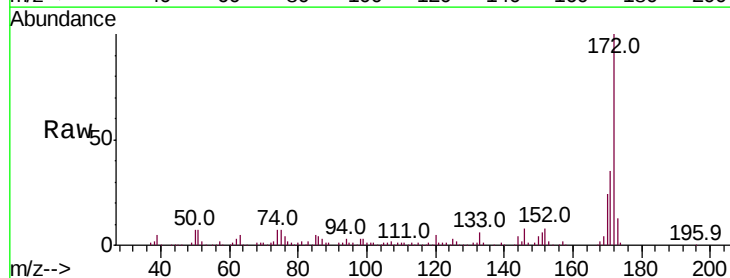


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

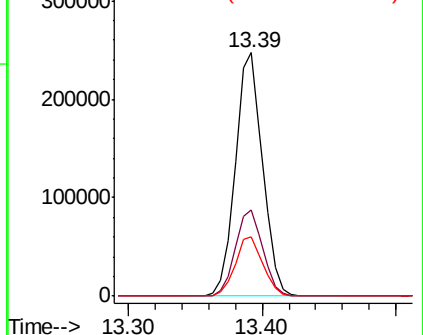
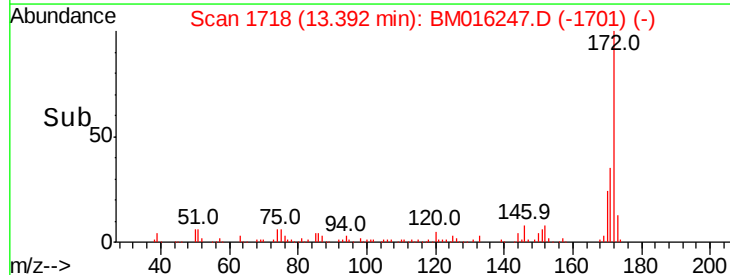


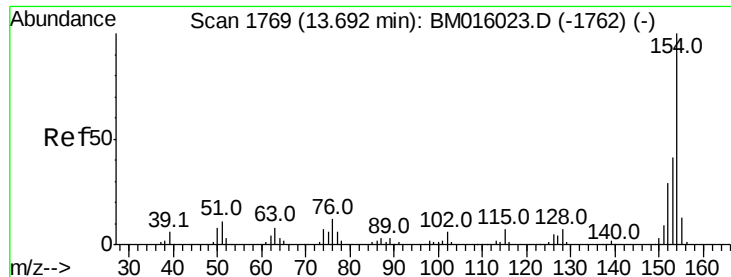
#44
 2-Fluorobiphenyl
 Concen: 32.290 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion:172 Resp: 348709
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.1 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

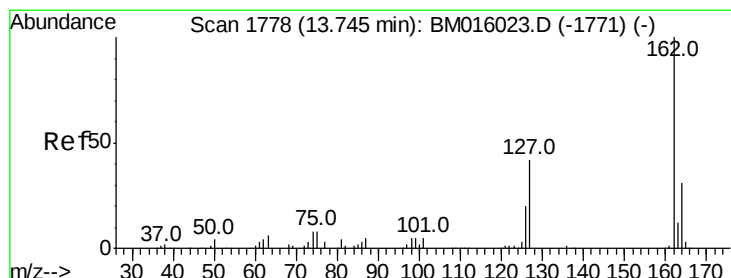
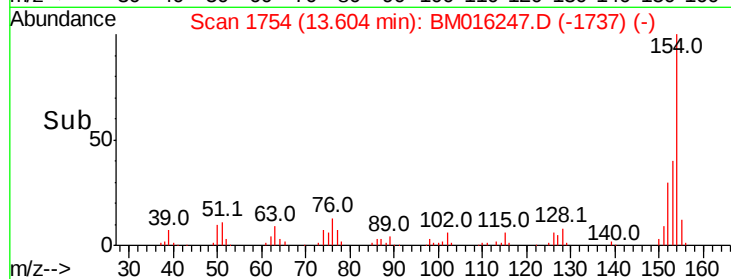
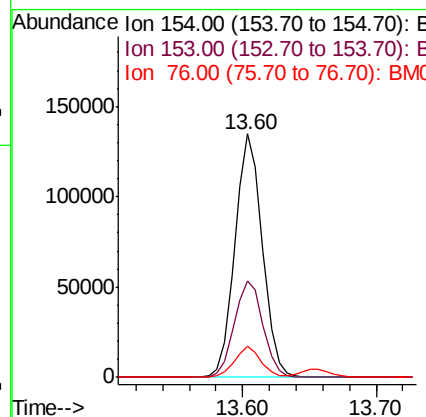
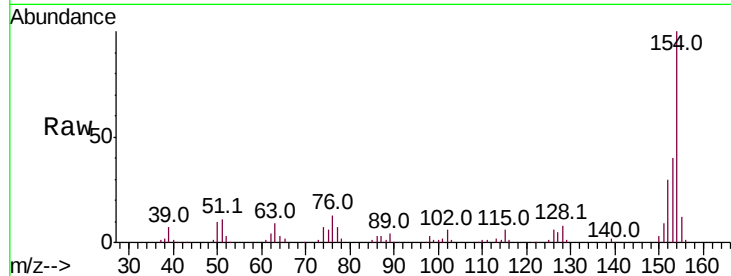




#45
 1,1'-Biphenyl
 Concen: 30.074 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

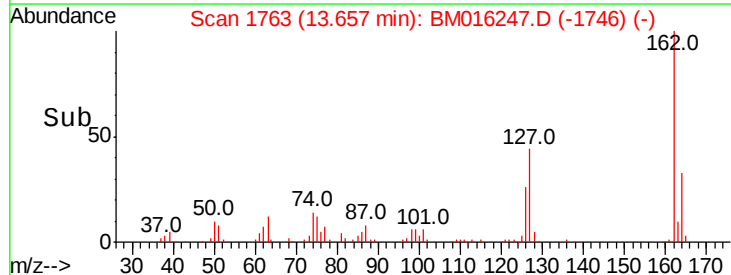
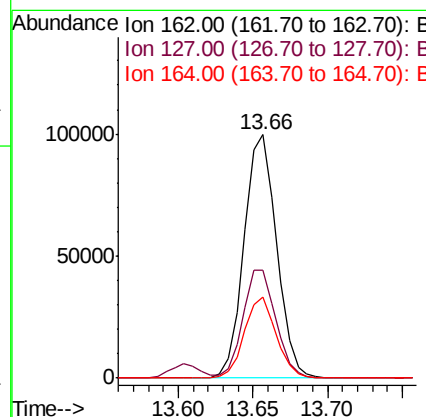
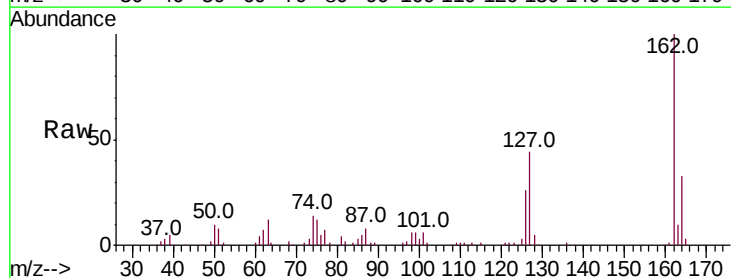
Instrument :
 BNA_M
 ClientSampleId :

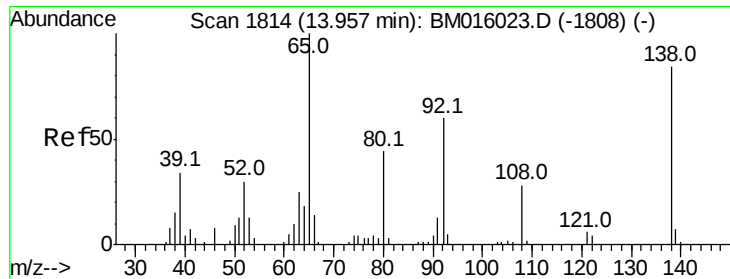
Tot Ion:	154	Resp:	192871
Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.7	60.7
76	12.6	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 30.234 ng
 RT: 13.66 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion:	162	Resp:	150805
Ion	Ratio	Lower	Upper
162	100		
127	44.1	26.9	40.3#
164	33.3	26.8	40.2

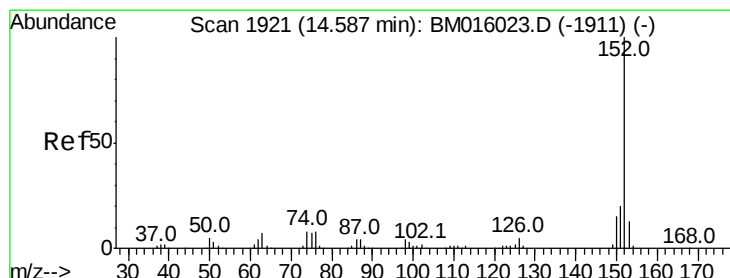
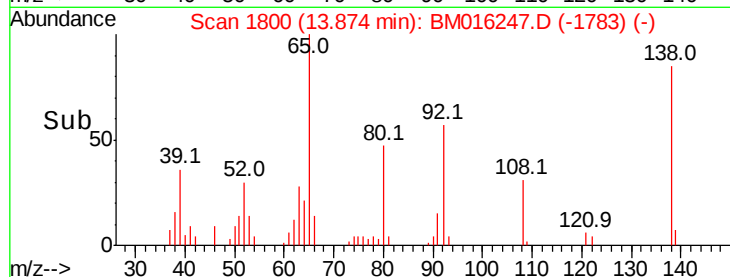
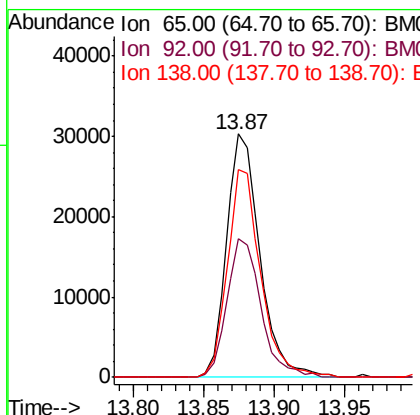
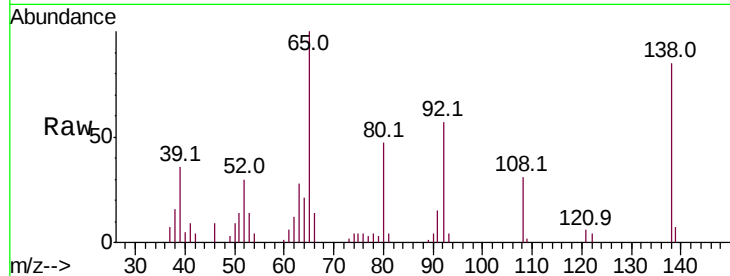




#47
 2-Nitroaniline
 Concen: 30.270 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

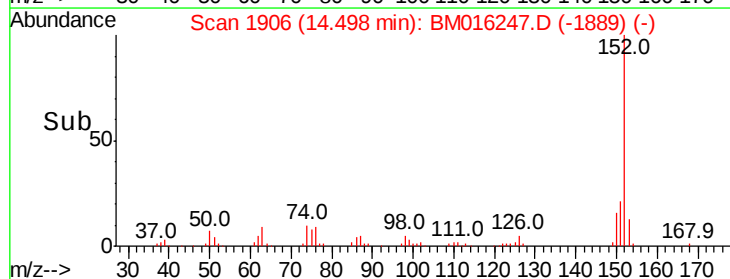
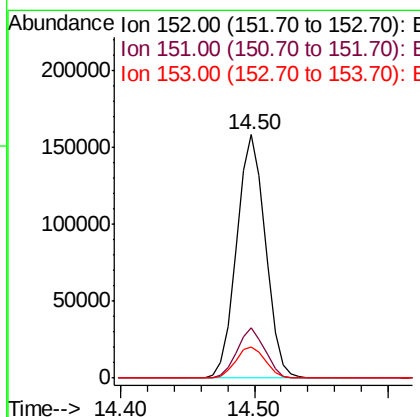
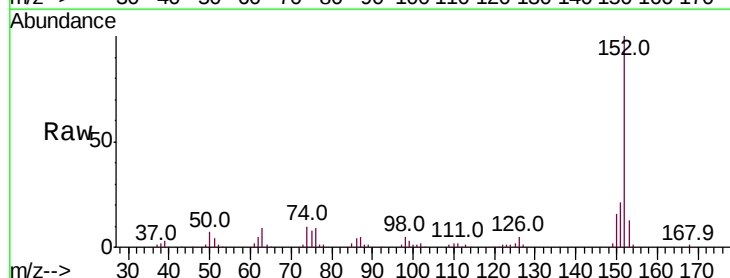
Instrument :
 BNA_M
 ClientSampleId :

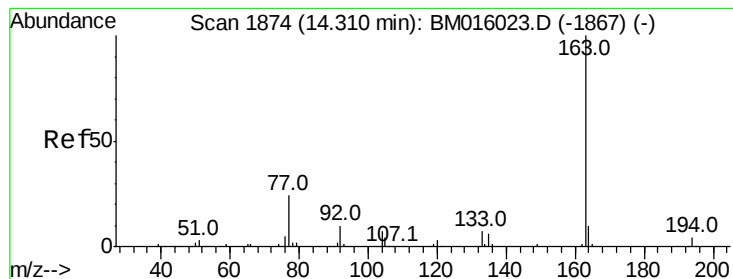
Tot Ion: 65 Resp: 49918
 Ion Ratio Lower Upper
 65 100
 92 56.9 59.1 88.7#
 138 85.4 93.9 140.9#



#48
 Acenaphthylene
 Concen: 32.448 ng
 RT: 14.50 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion: 152 Resp: 236941
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.9 23.9
 153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 34.830 ng

RT: 14.23 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampleId :

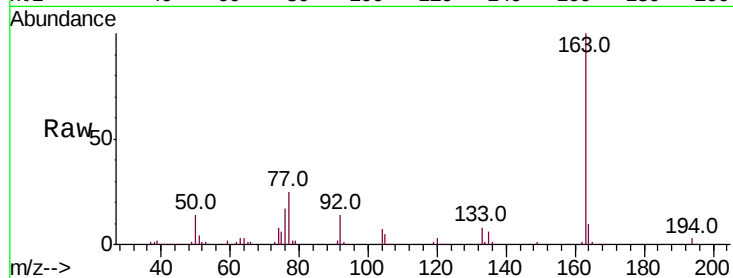
Tot Ion:163 Resp: 216608

Ion Ratio Lower Upper

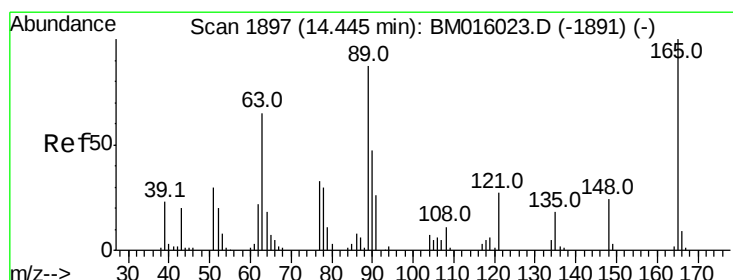
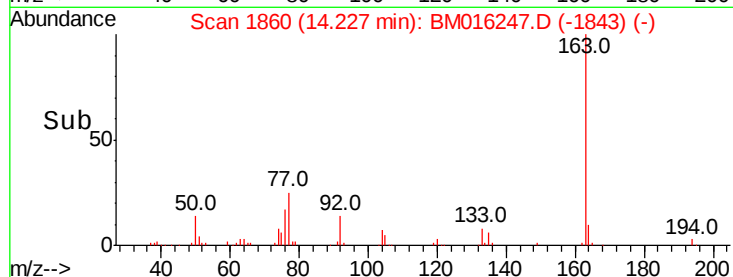
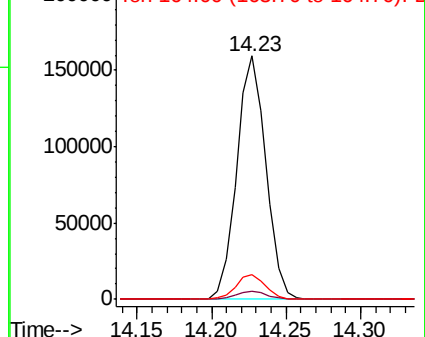
163 100

194 3.5 2.7 4.1

164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 29.458 ng

RT: 14.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

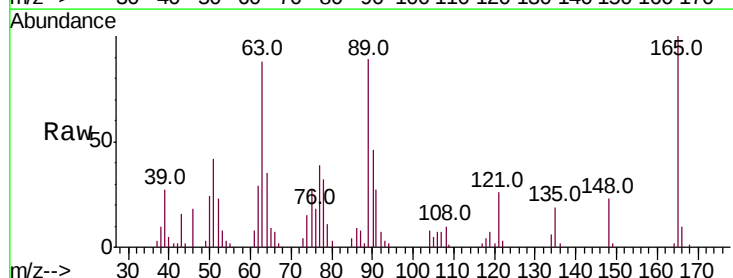
Tgt Ion:165 Resp: 36861

Ion Ratio Lower Upper

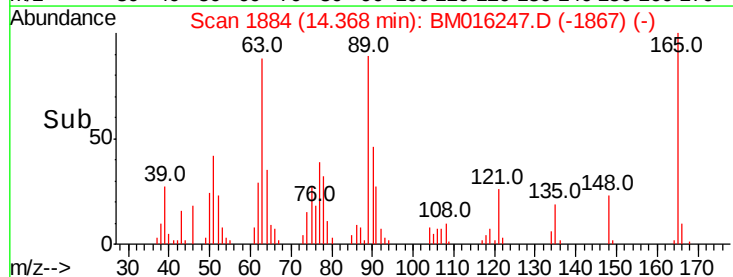
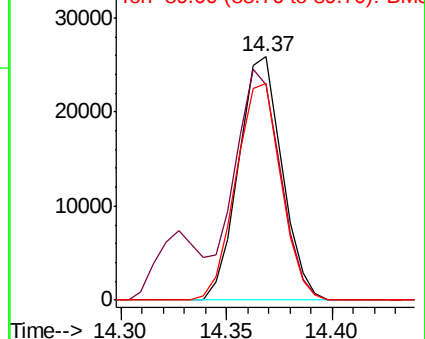
165 100

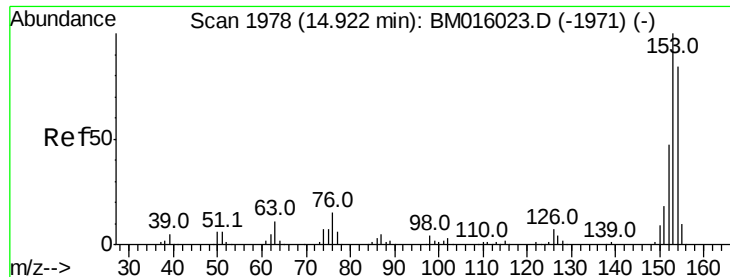
63 88.4 44.1 66.1#

89 89.1 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 30.098 ng

RT: 14.83 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampled :

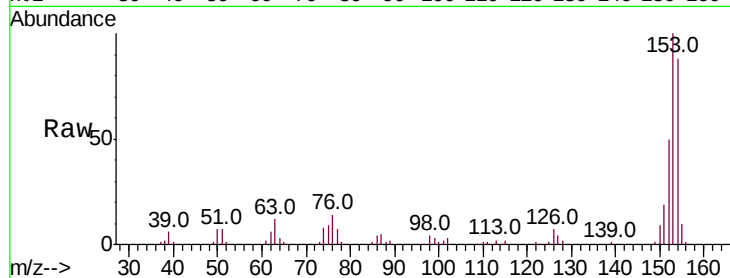
Tot Ion:154 Resp: 135166

Ion Ratio Lower Upper

154 100

153 113.2 90.0 135.0

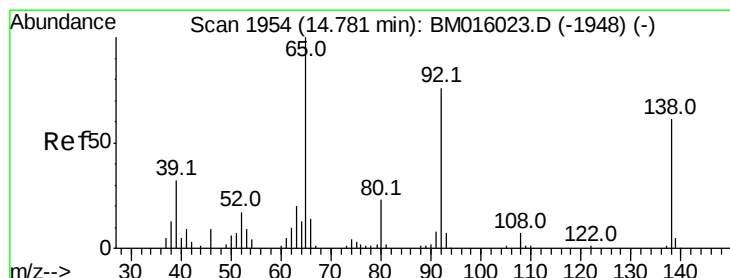
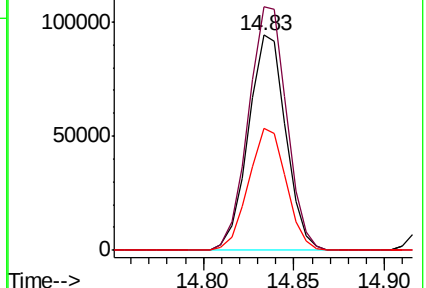
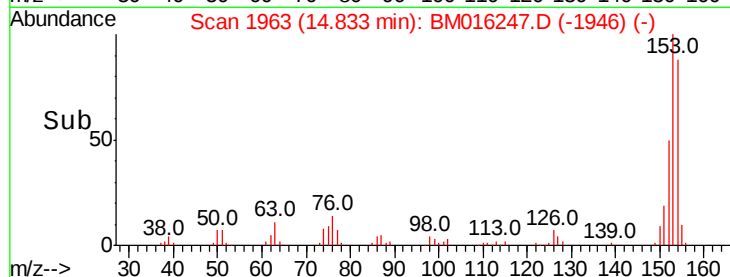
152 57.0 42.6 63.8



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: 22.759 ng

RT: 14.70 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

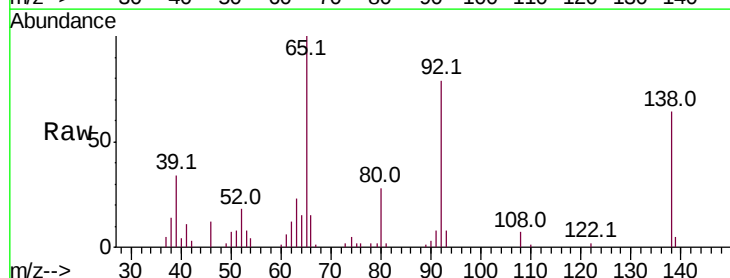
Tgt Ion:138 Resp: 30759

Ion Ratio Lower Upper

138 100

108 11.7 7.3 10.9#

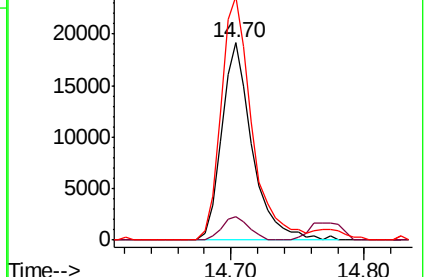
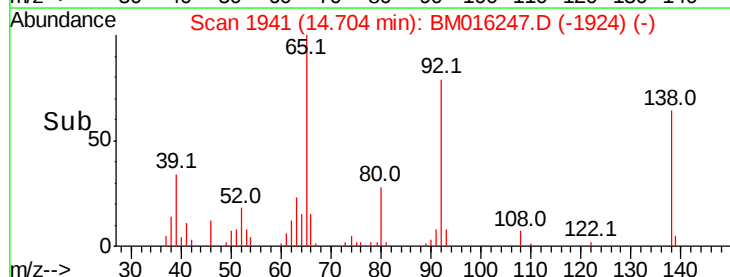
92 123.5 76.6 114.8#



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): E

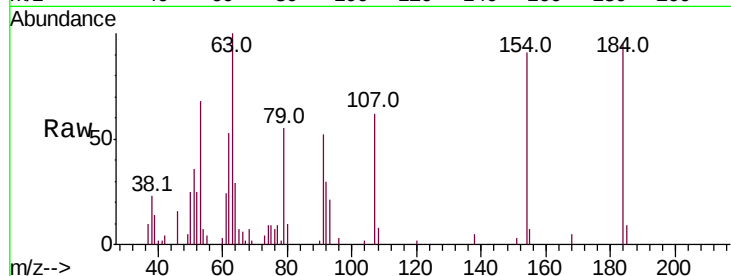




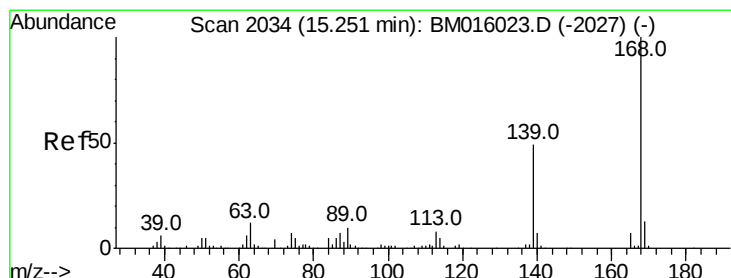
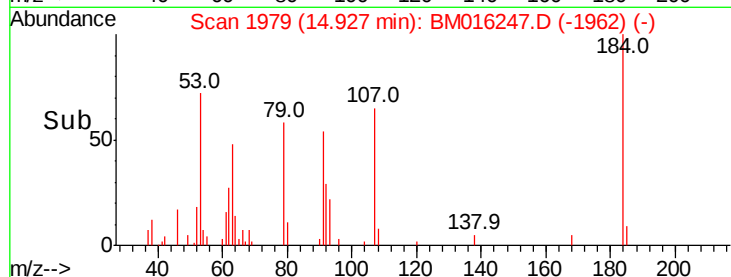
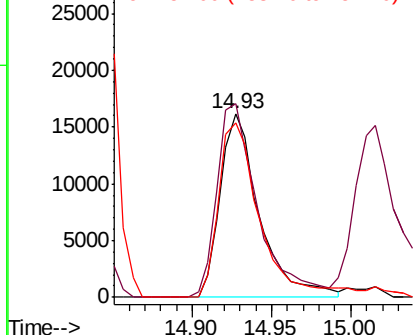
#53
2,4-Dinitrophenol
Concen: 53.843 ng
RT: 14.93 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 27766
Ion Ratio Lower Upper
184 100
63 105.0 69.2 103.8#
154 95.0 53.3 79.9#

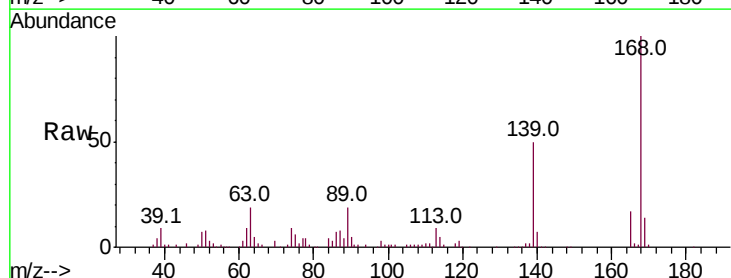


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

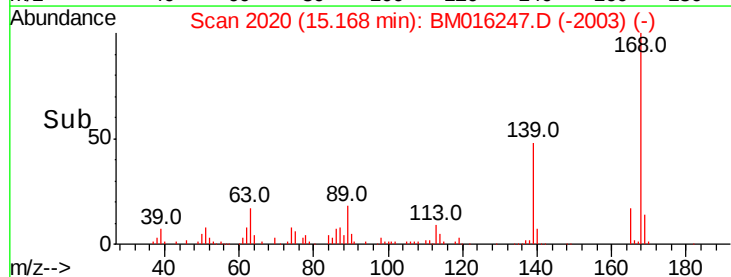
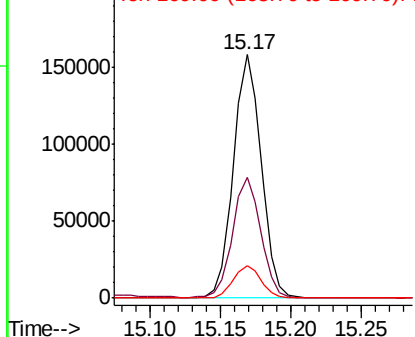


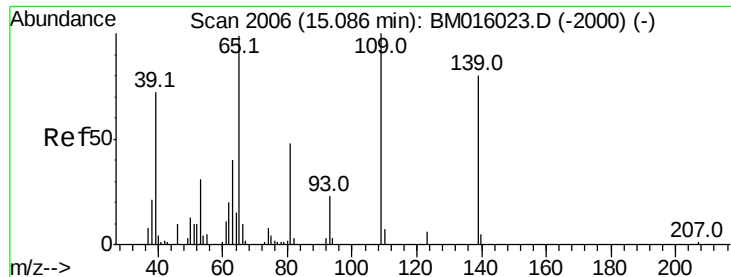
#54
Dibenzofuran
Concen: 29.402 ng
RT: 15.17 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion:168 Resp: 217595
Ion Ratio Lower Upper
168 100
139 49.8 27.3 40.9#
169 13.6 10.6 16.0



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





#55

4-Nitrophenol

Concen: 55.614 ng

RT: 15.02 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampleId :

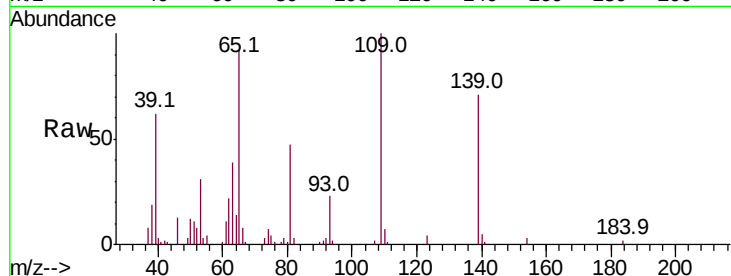
Tot Ion:139 Resp: 53883

Ion Ratio Lower Upper

139 100

109 140.6 130.0 170.0

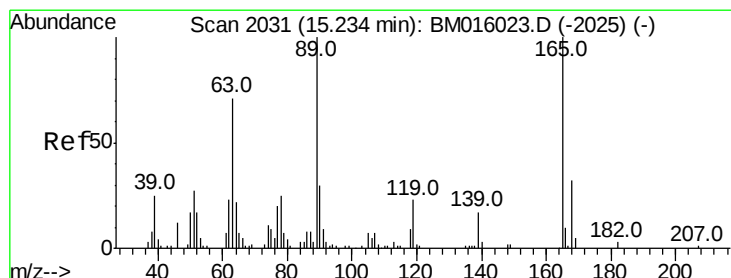
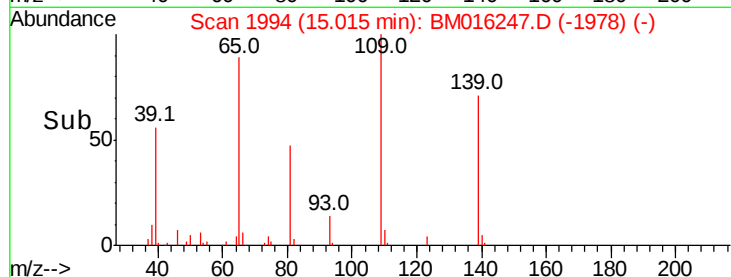
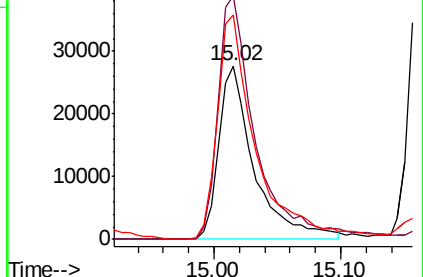
65 129.9 130.0 170.0#



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: 29.881 ng

RT: 15.16 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Tgt Ion:165 Resp: 53463

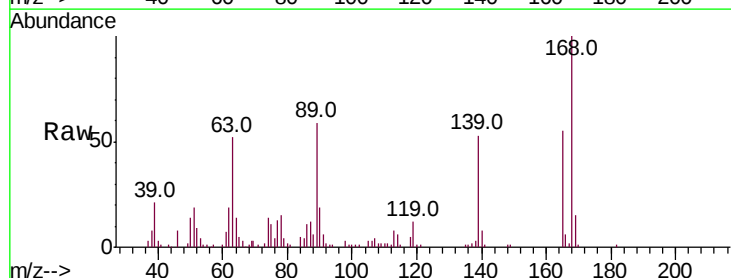
Ion Ratio Lower Upper

165 100

63 93.4 52.4 78.6#

89 107.4 72.4 108.6

182 2.5 2.0 3.0

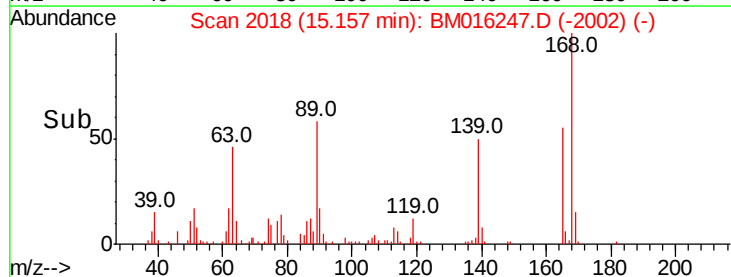
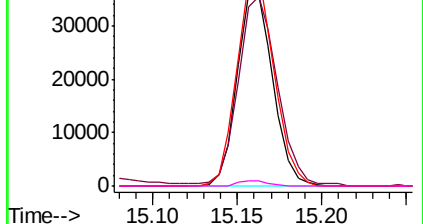


Abundance Ion 165.00 (164.70 to 165.70): E

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

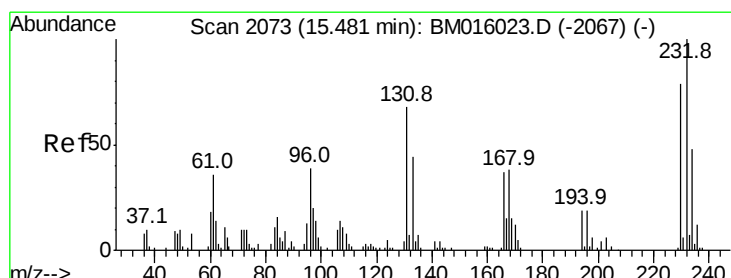
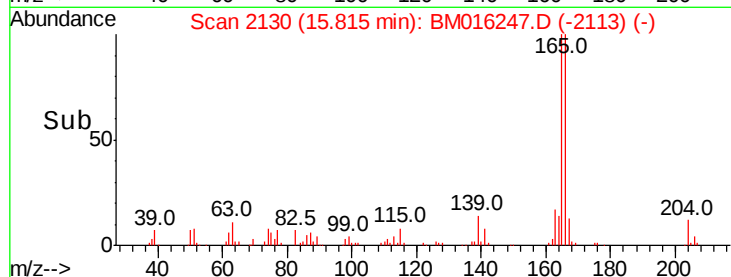
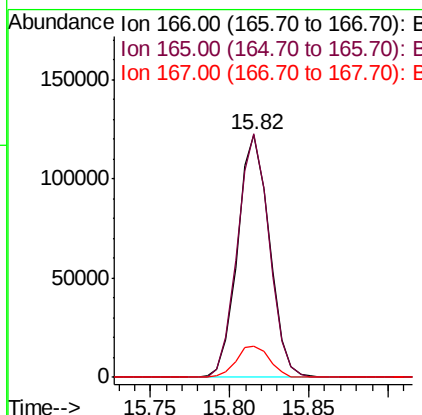
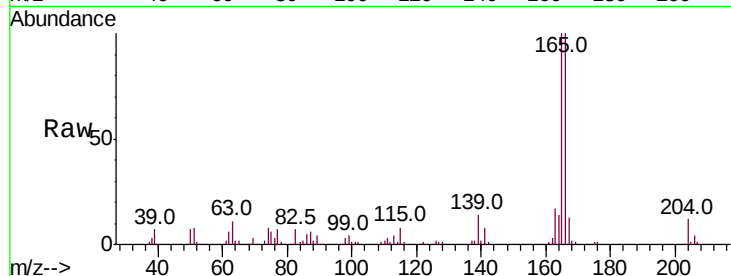




#57
 Fluorene
 Concen: 31.003 ng
 RT: 15.82 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

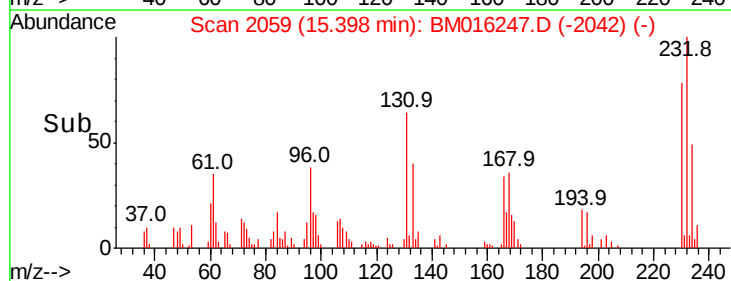
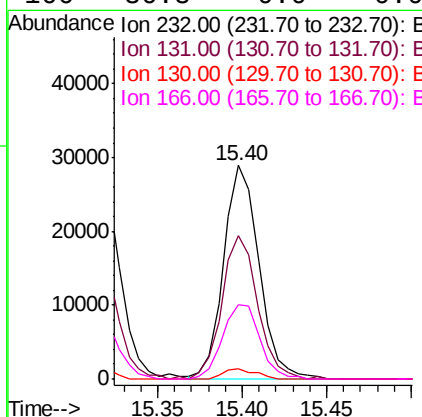
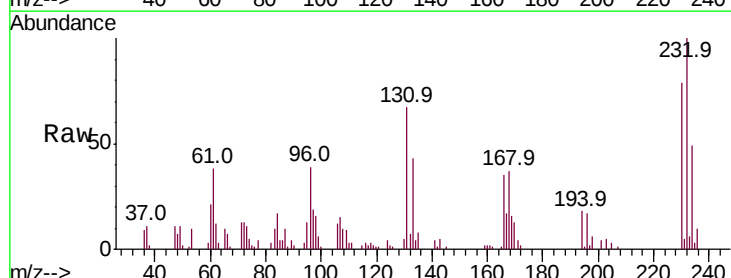
Instrument :
 BNA_M
 ClientSampleId :

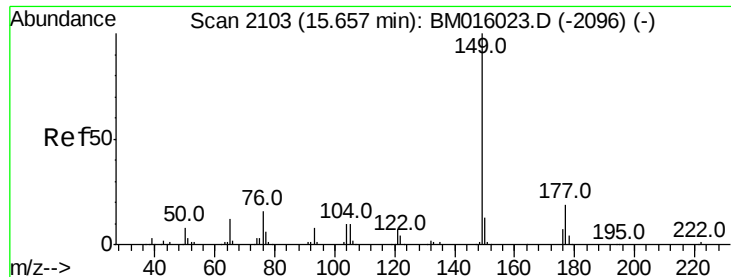
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.4
167	12.8	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.499 ng
 RT: 15.40 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	68.2	0.0	0.0#
130	4.4	0.0	0.0#
166	36.8	0.0	0.0#

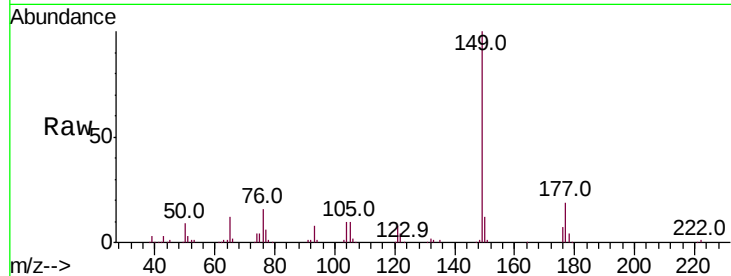




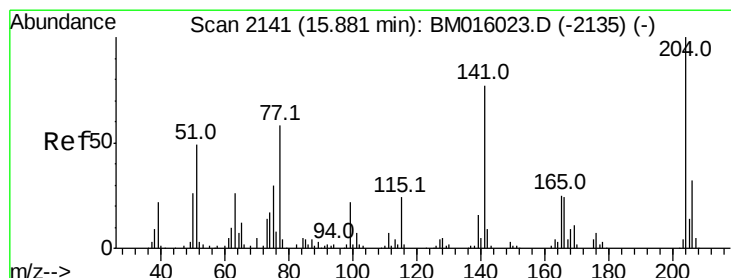
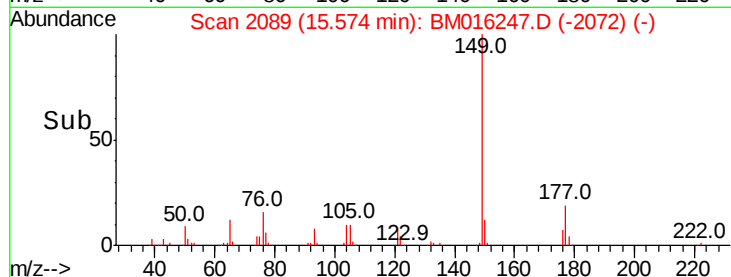
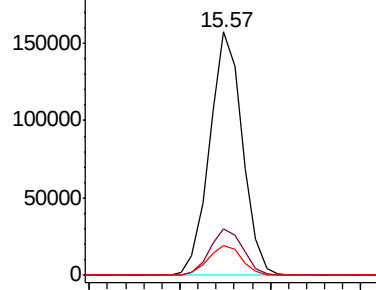
#59
Diethylphthalate
Concen: 29.484 ng
RT: 15.57 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 197634
Ion Ratio Lower Upper
149 100
177 19.1 18.3 27.5
150 12.1 9.8 14.8

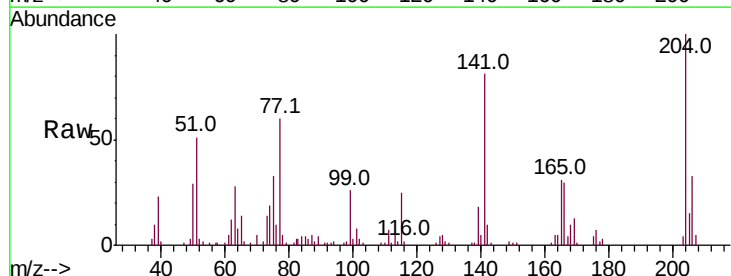


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

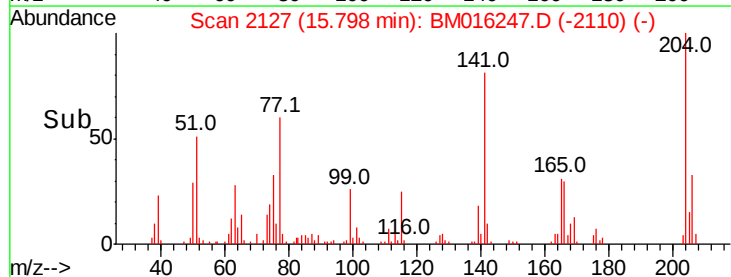
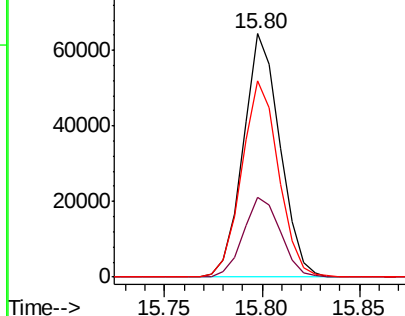


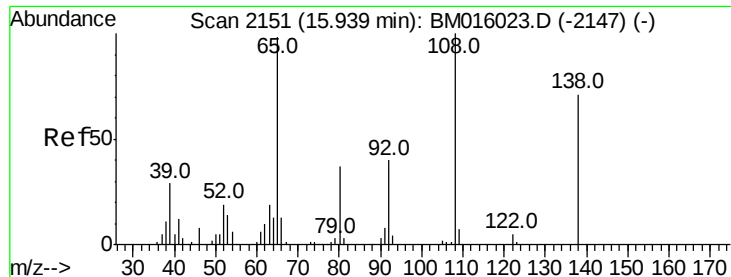
#60
4-Chlorophenyl-phenylether
Concen: 27.402 ng
RT: 15.80 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion:204 Resp: 83889
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 80.5 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

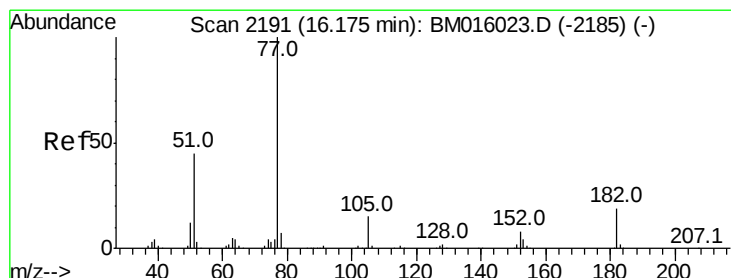
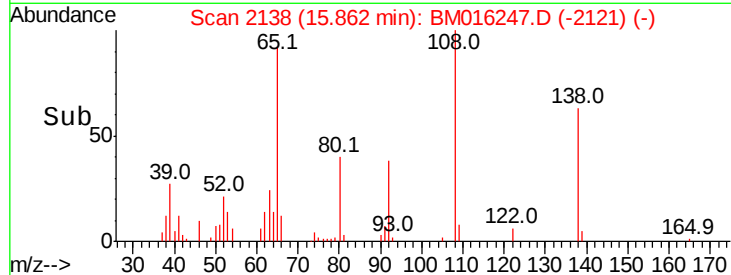
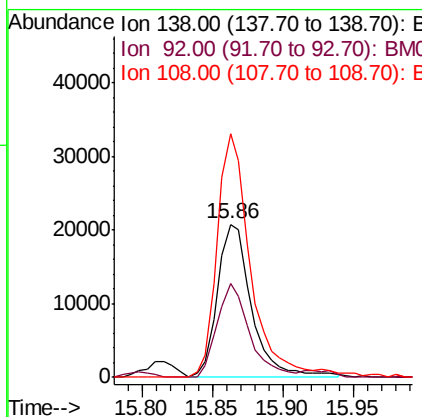
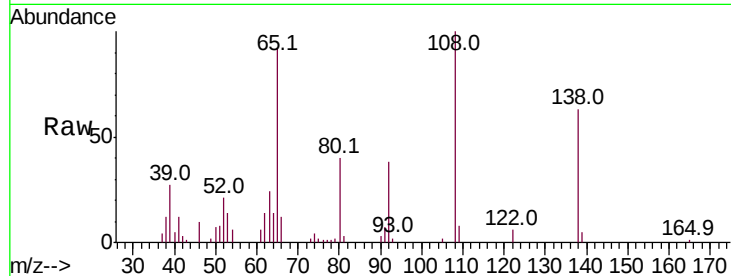




#61
 4-Nitroaniline
 Concen: 27.129 ng
 RT: 15.86 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

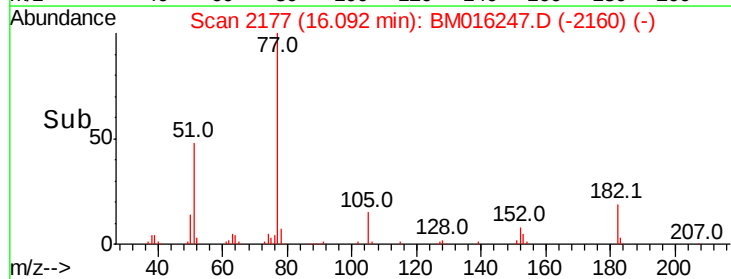
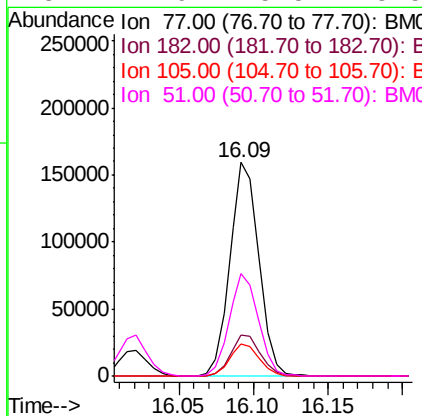
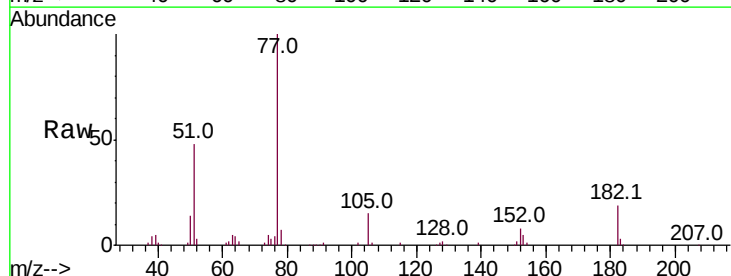
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:138 Resp: 35179
 Ion Ratio Lower Upper
 138 100
 92 61.2 16.7 56.7#
 108 159.4 37.6 77.6#



#62
 Azobenzene
 Concen: 30.686 ng
 RT: 16.09 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion: 77 Resp: 216625
 Ion Ratio Lower Upper
 77 100
 182 19.0 6.5 46.5
 105 14.9 3.8 43.8
 51 47.9 5.5 45.5#

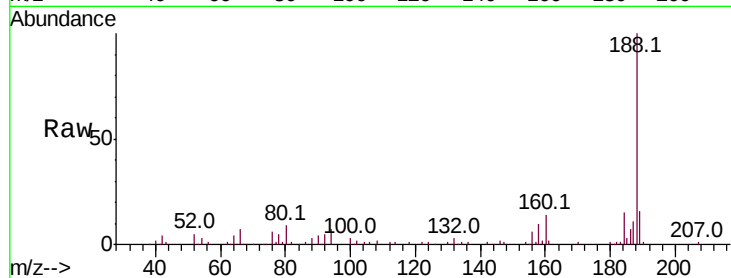




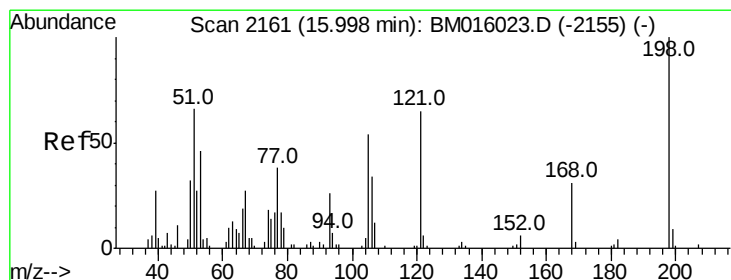
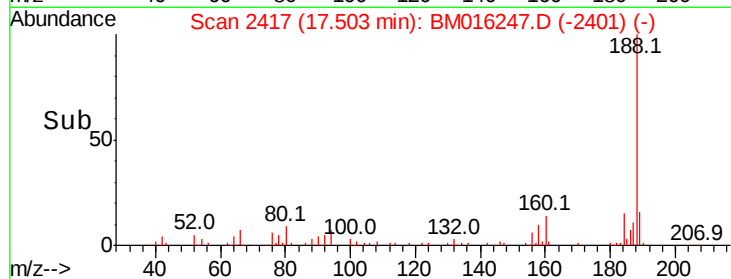
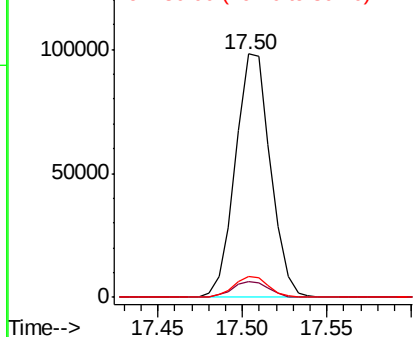
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.5	9.3	13.9#

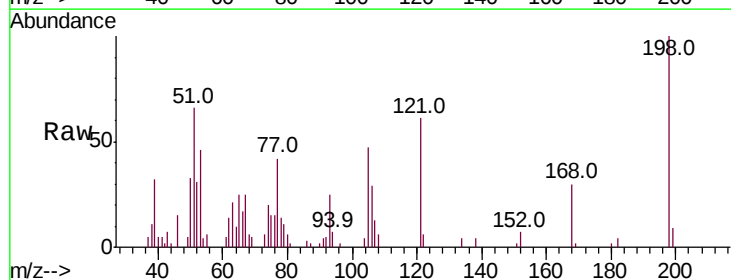


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0

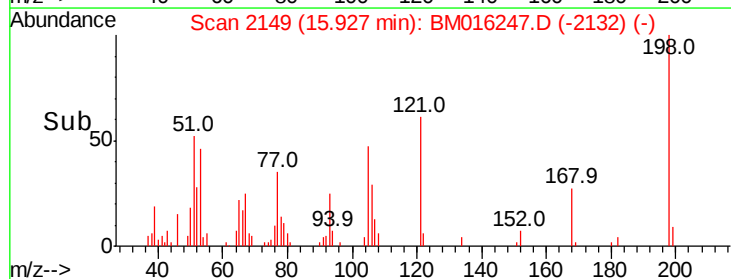
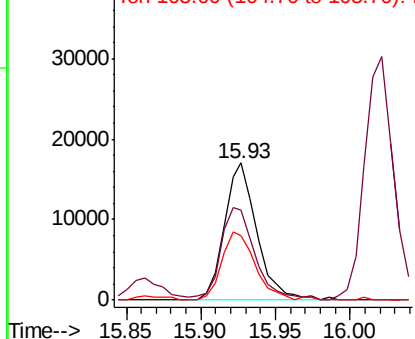


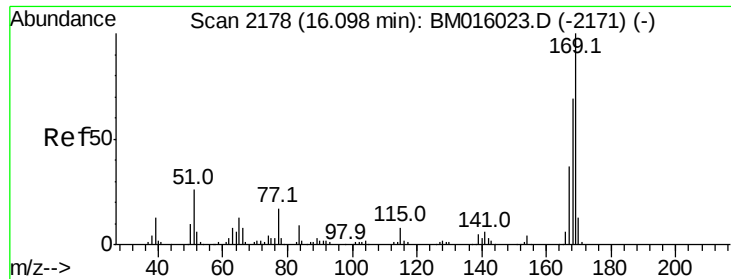
#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.177 ng
 RT: 15.93 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
198	100		
51	65.8	28.8	68.8
105	47.4	30.5	70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM0
 Ion 105.00 (104.70 to 105.70): E

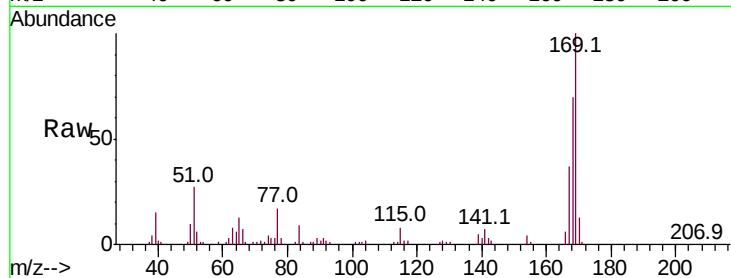




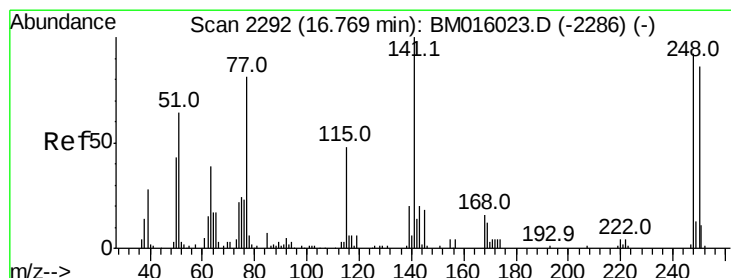
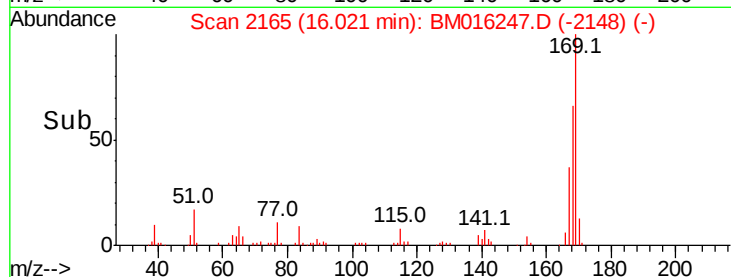
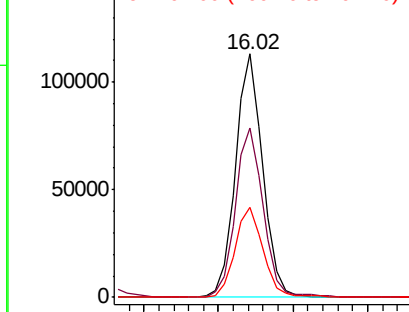
#65
n-Nitrosodiphenylamine
Concen: 30.651 ng
RT: 16.02 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:169 Resp: 143262
Ion Ratio Lower Upper
169 100
168 69.8 53.9 80.9
167 37.0 28.9 43.3

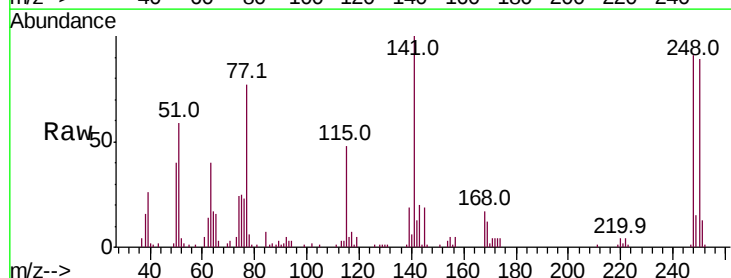


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

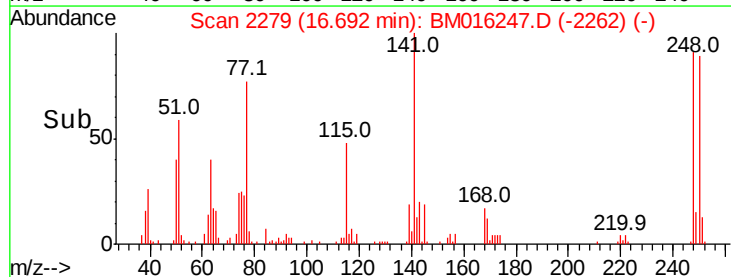
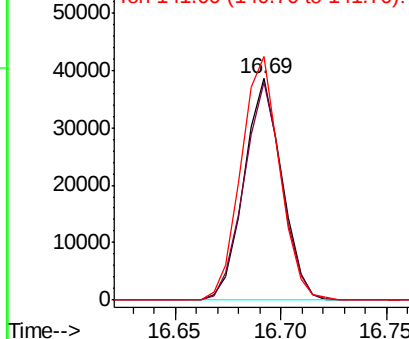


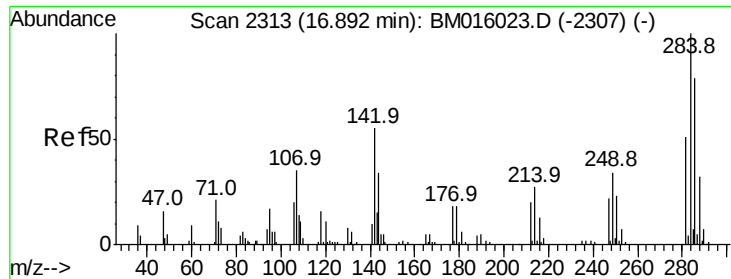
#66
4-Bromophenyl-phenylether
Concen: 29.923 ng
RT: 16.69 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion:248 Resp: 48095
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.0
141 110.0 45.2 67.8#



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

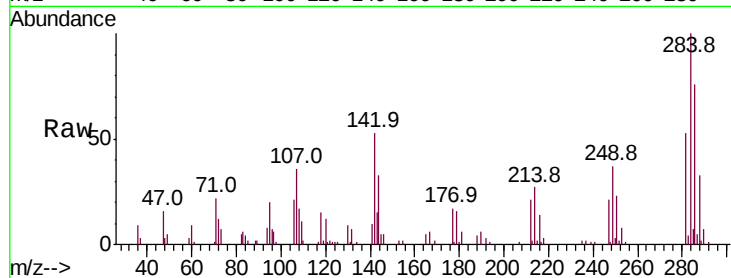




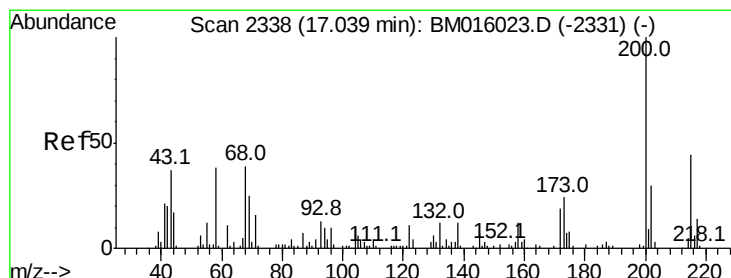
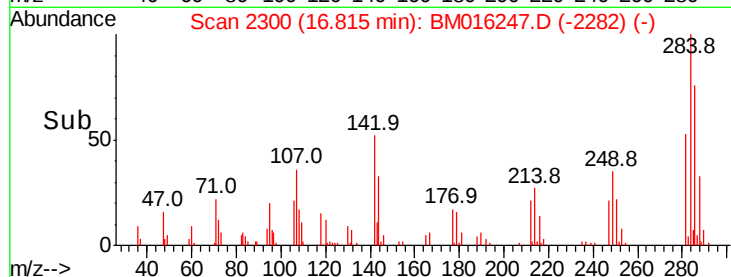
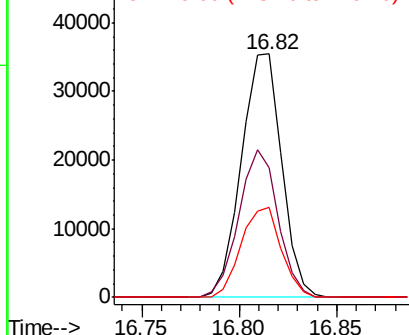
#67
Hexachlorobenzene
Concen: 28.753 ng
RT: 16.82 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	53.0	20.4	30.6
249	36.9	23.8	35.6

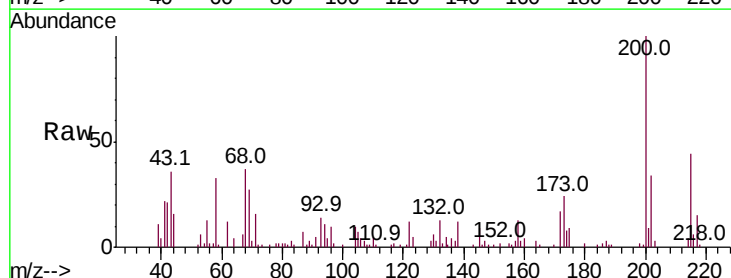


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

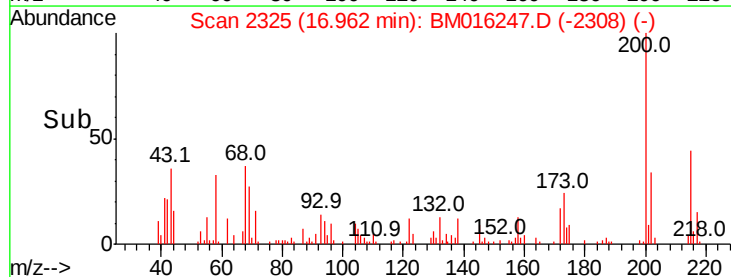
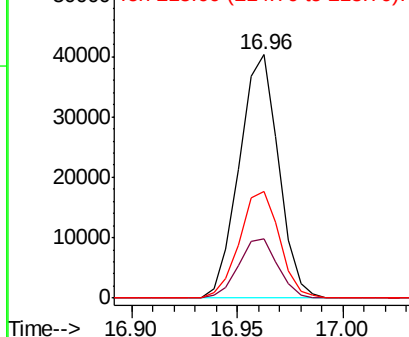


#68
Atrazine
Concen: 31.054 ng
RT: 16.96 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.8	44.8
215	43.9	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: 48.773 ng

RT: 17.16 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampled :

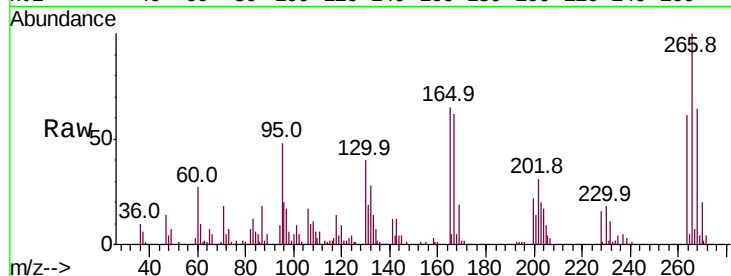
Tot Ion:266 Resp: 53457

Ion Ratio Lower Upper

266 100

268 63.9 52.0 78.0

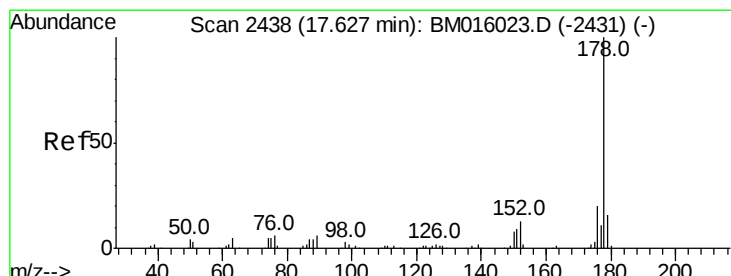
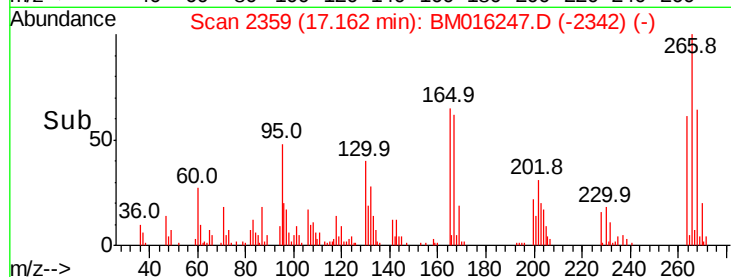
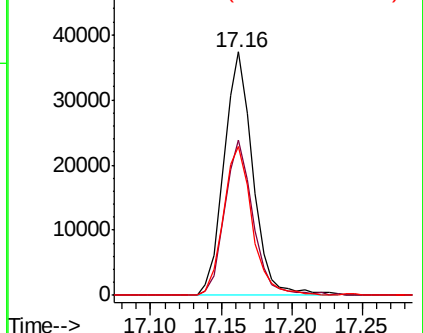
264 61.0 49.0 73.4



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: 30.926 ng

RT: 17.55 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

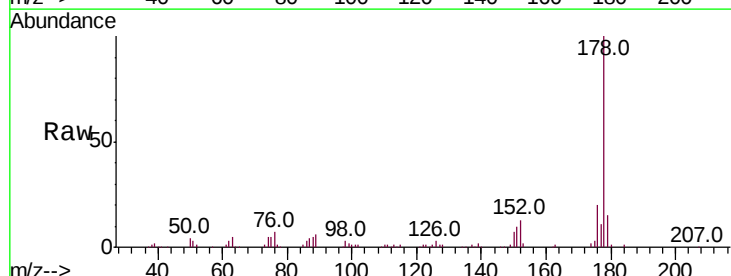
Tgt Ion:178 Resp: 245759

Ion Ratio Lower Upper

178 100

176 19.8 15.2 22.8

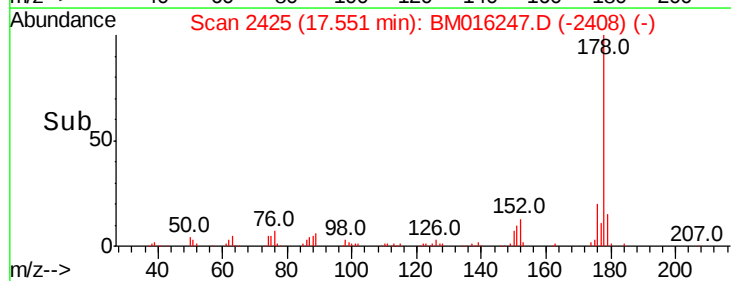
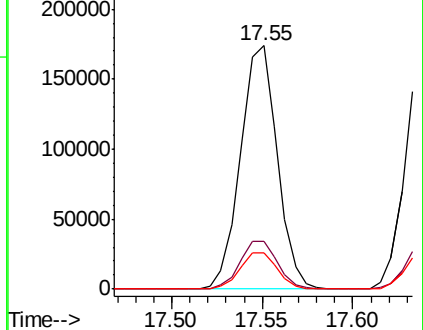
179 14.8 12.1 18.1

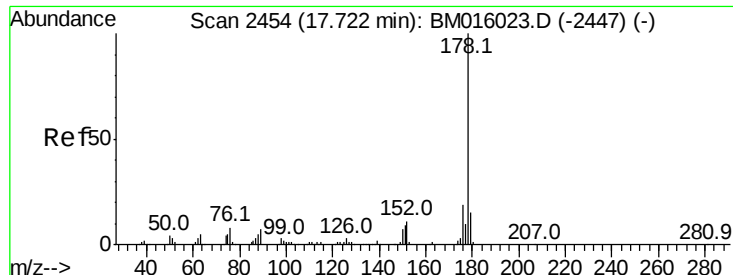


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

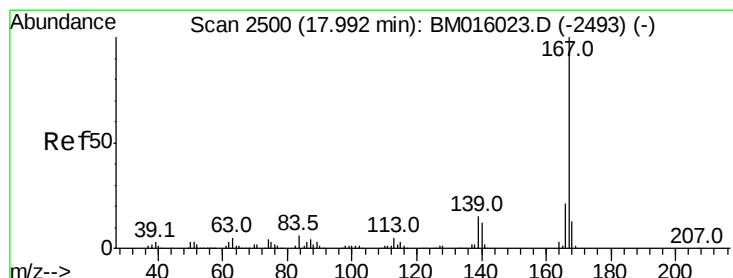
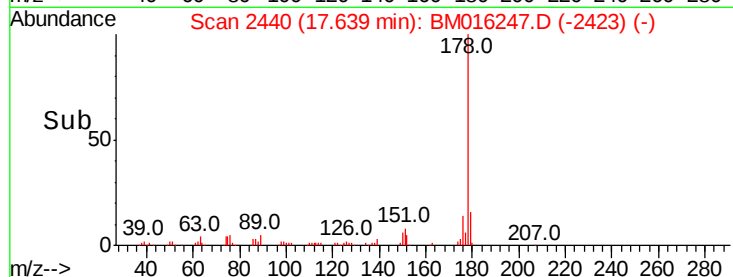
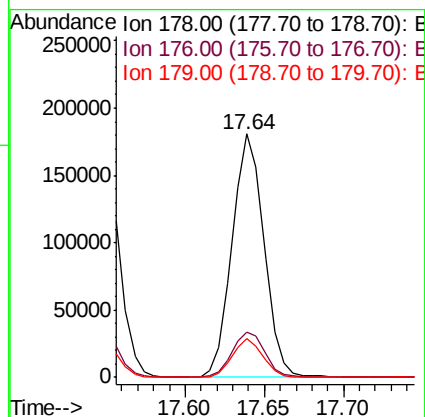
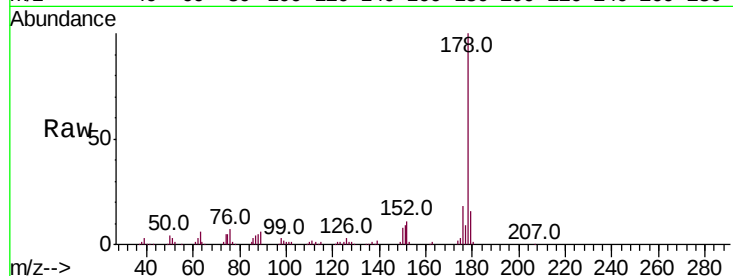




#71
 Anthracene
 Concen: 32.434 ng
 RT: 17.64 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

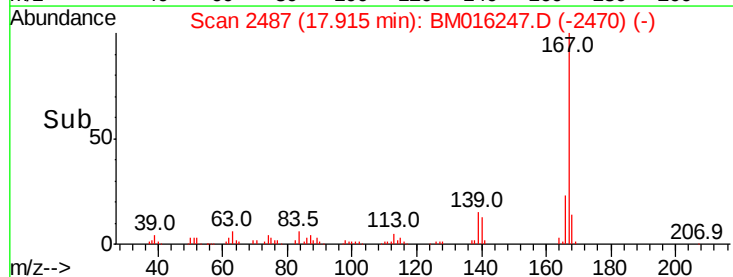
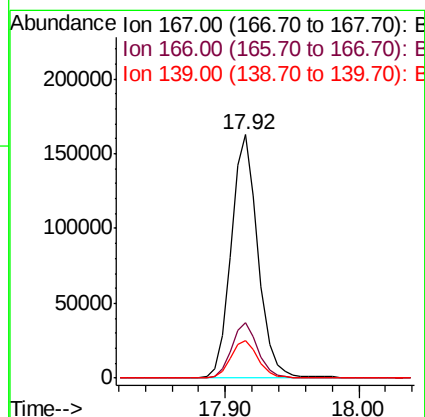
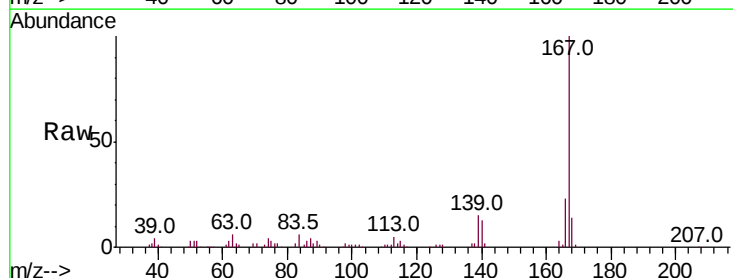
Instrument :
 BNA_M
 ClientSampleId :

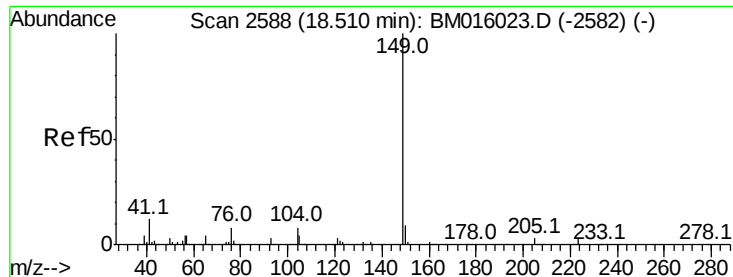
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	16.0	12.6	19.0



#72
 Carbazole
 Concen: 28.583 ng
 RT: 17.92 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.2	25.8
139	15.2	10.8	16.2

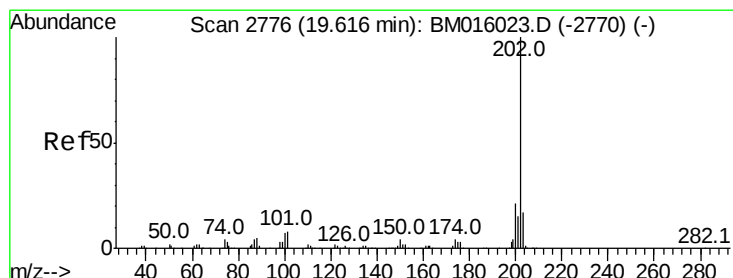
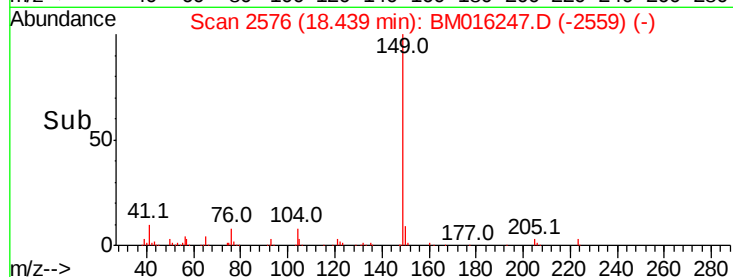
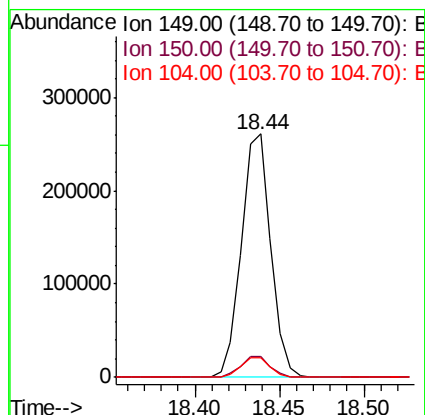
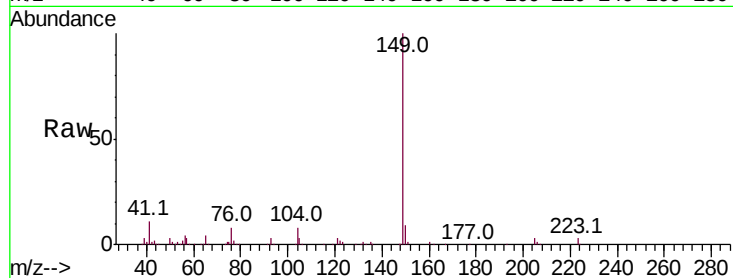




#73
Di-n-butylphthalate
Concen: 31.673 ng
RT: 18.44 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

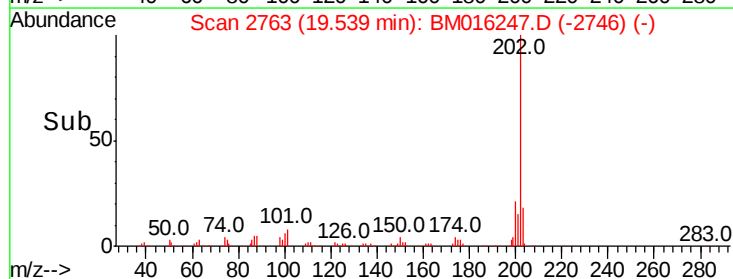
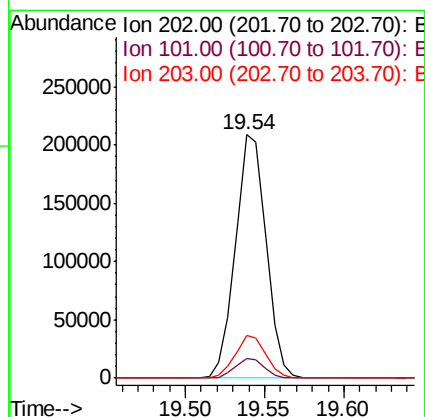
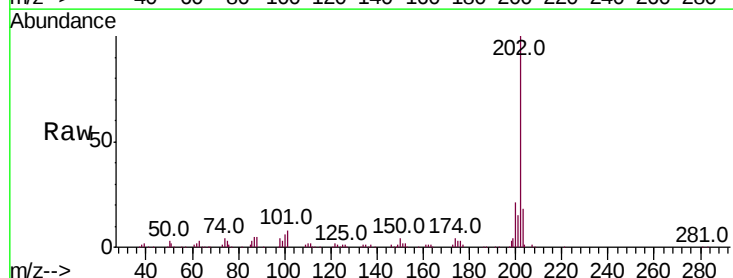
Instrument :
BNA_M
ClientSampleId :

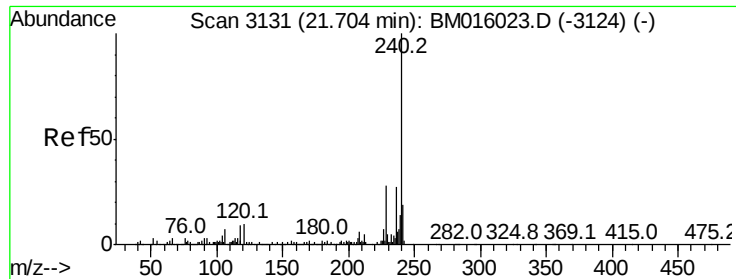
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	7.8	3.7	5.5



#74
Fluoranthene
Concen: 31.689 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.7
203	17.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampleId :

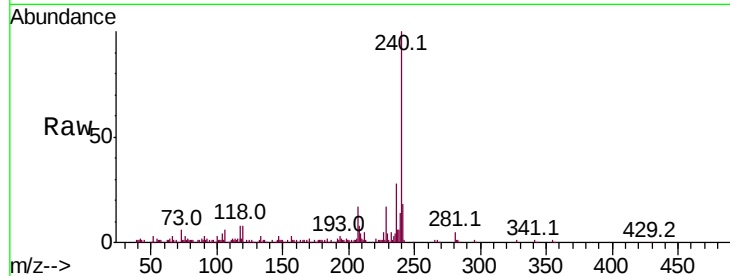
Tot Ion:240 Resp: 152803

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

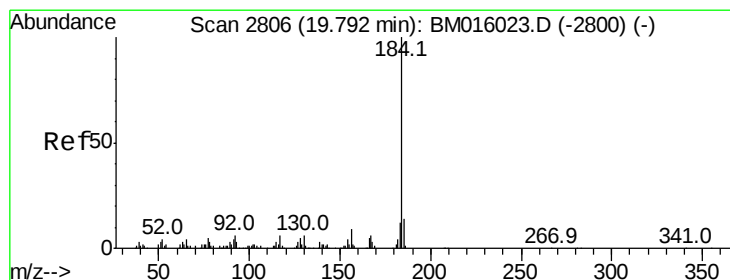
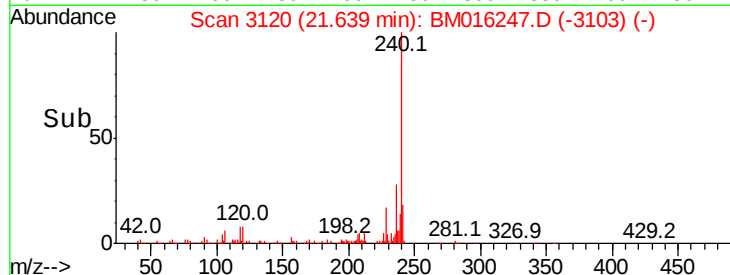
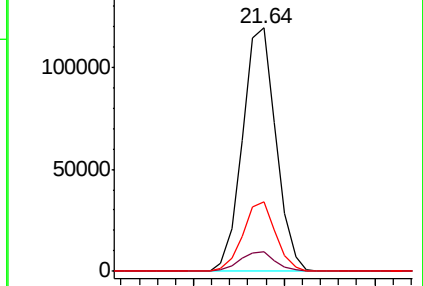
236 28.3 20.0 30.0



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: 7.607 ng

RT: 19.73 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

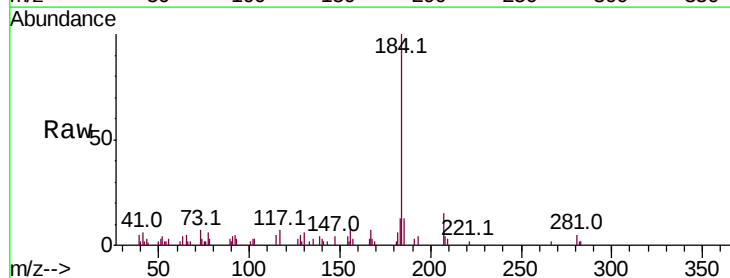
Tgt Ion:184 Resp: 32482

Ion Ratio Lower Upper

184 100

185 13.4 11.3 16.9

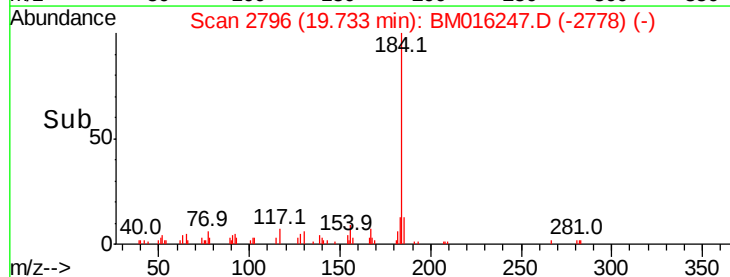
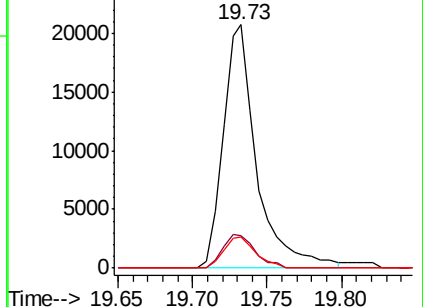
183 12.8 8.9 13.3

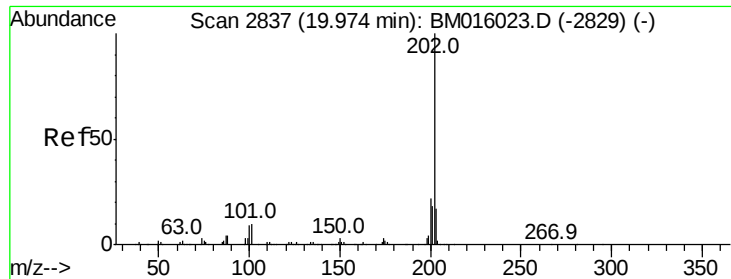


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

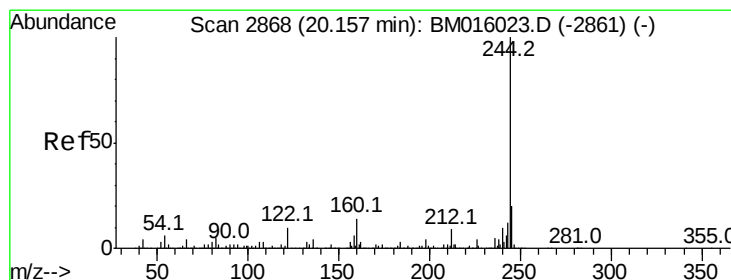
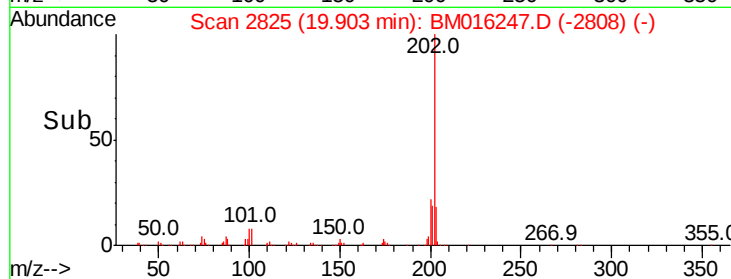
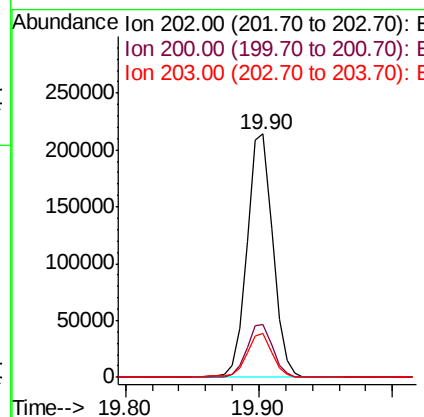
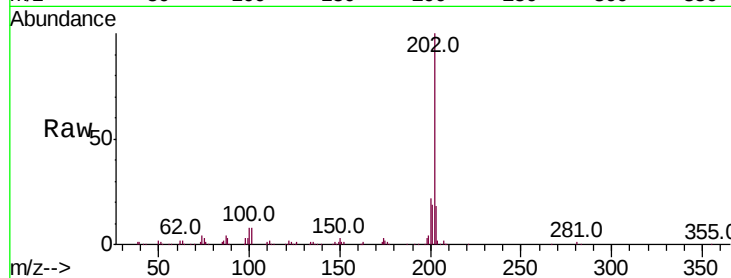




#77
Pvrene
Concen: 30.951 ng
RT: 19.90 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

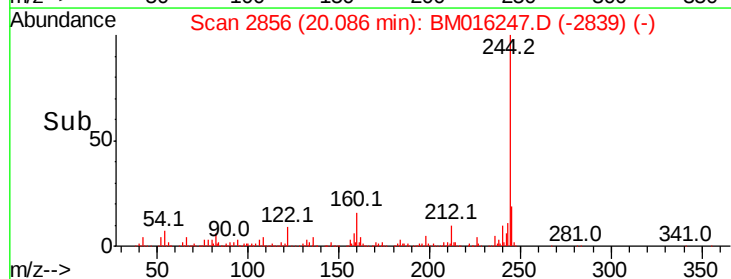
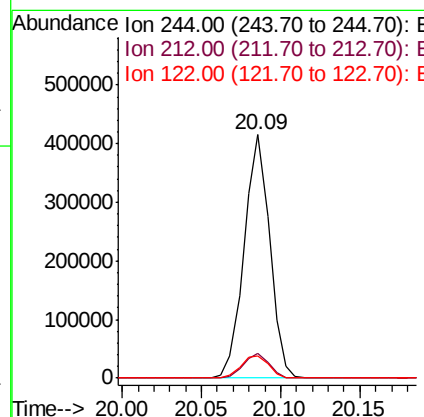
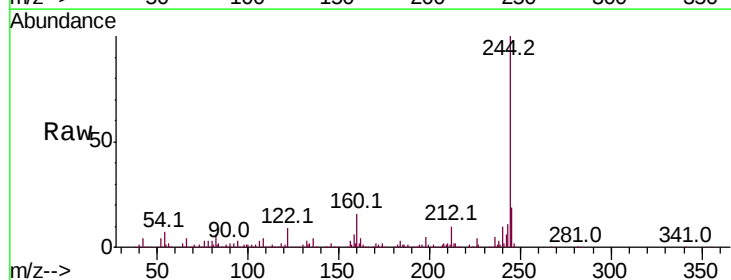
Instrument :
BNA_M
ClientSampleId :

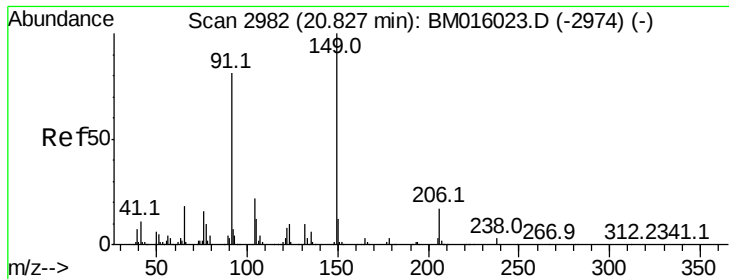
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.0	14.1	21.1



#78
Terphenyl-d14
Concen: 30.951 ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016247.D
Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	9.4	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 32.688 ng

RT: 20.76 min Scan# 2971

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampleId :

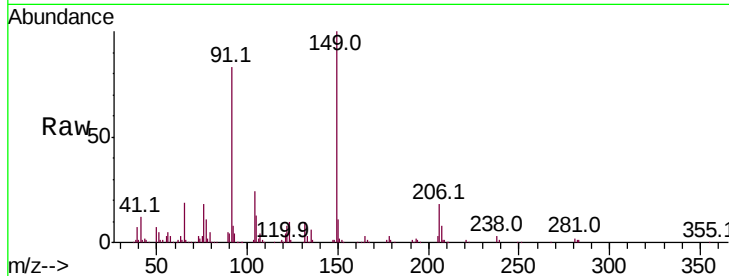
Tot Ion:149 Resp: 152059

Ion Ratio Lower Upper

149 100

91 83.0 50.1 75.1#

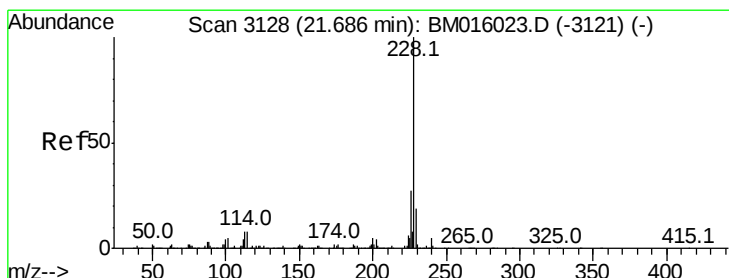
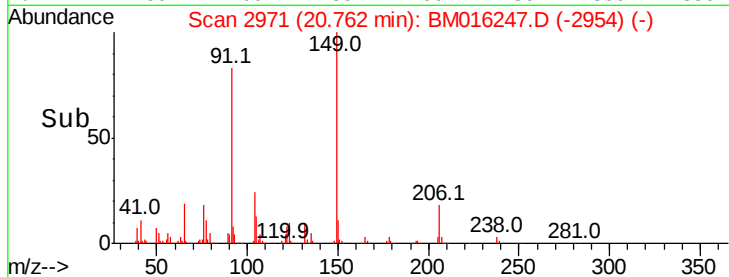
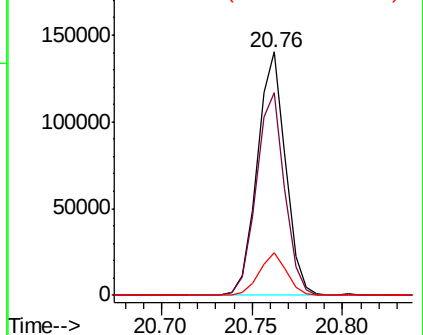
206 17.6 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.388 ng

RT: 21.62 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

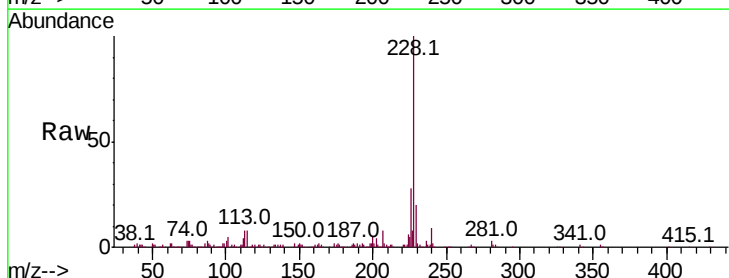
Tgt Ion:228 Resp: 295398

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

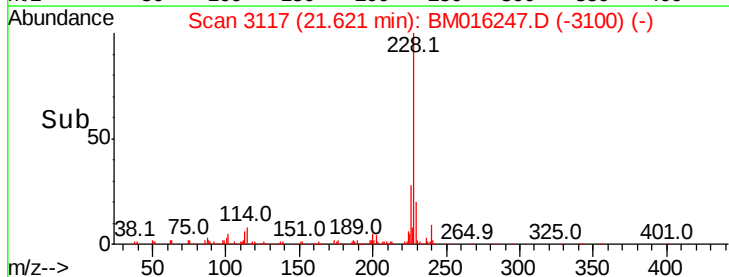
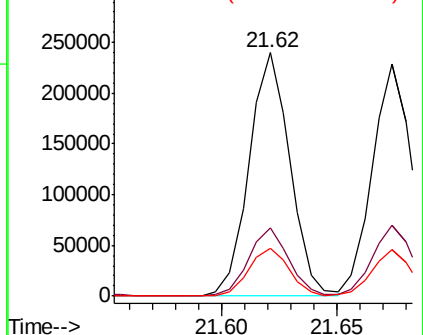
229 19.7 16.0 24.0

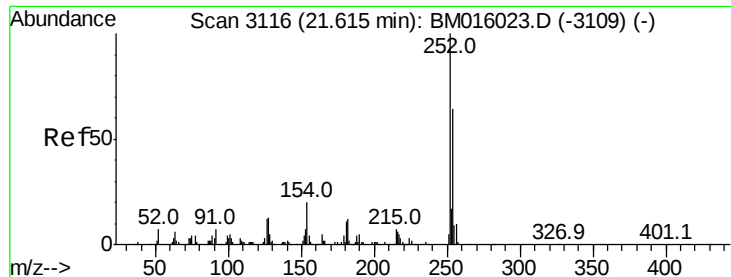


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

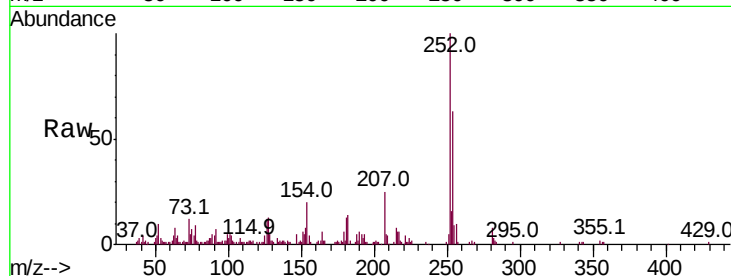




#81
 3,3'-Dichlorobenzidine
 Concen: 23.035 ng
 RT: 21.55 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.9	77.9
126	12.4	9.8	14.8

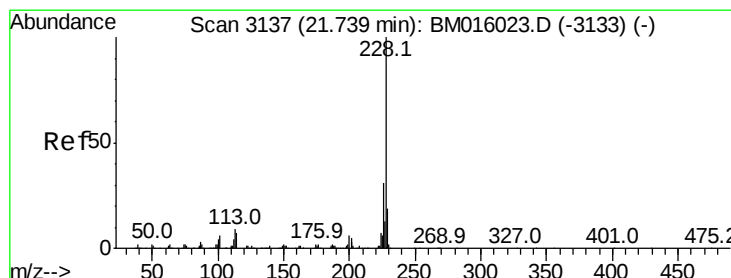
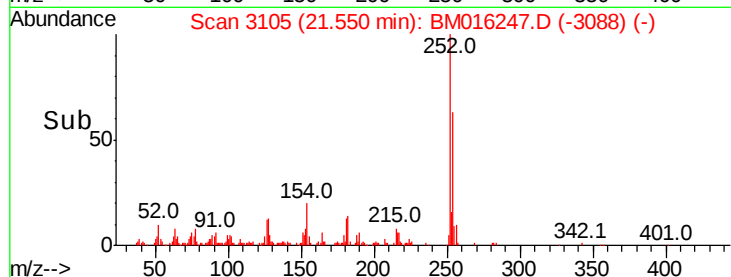
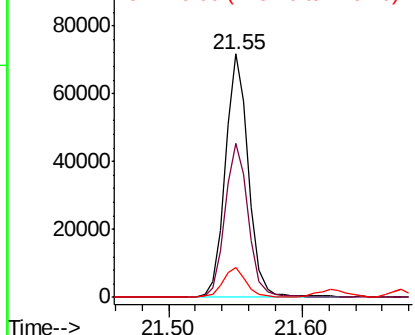


Abundance

Ion 252.00 (251.70 to 252.70): E

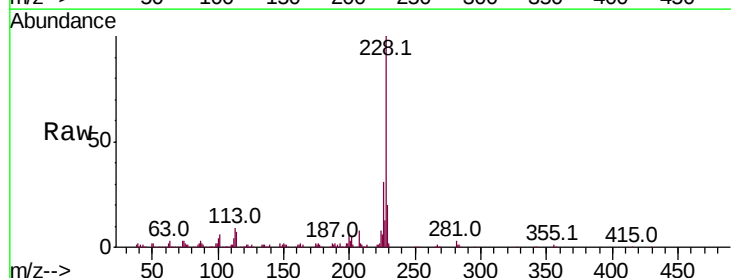
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 30.568 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.0	15.5	23.3

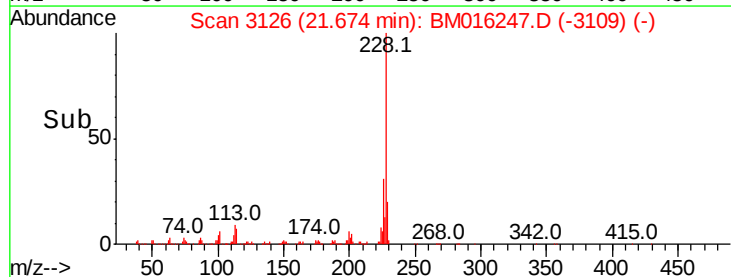
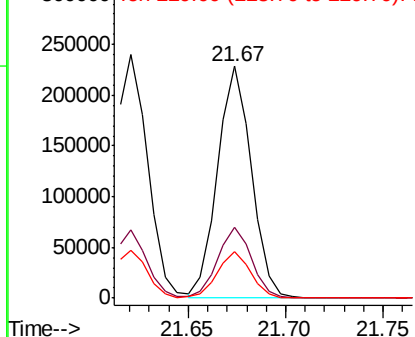


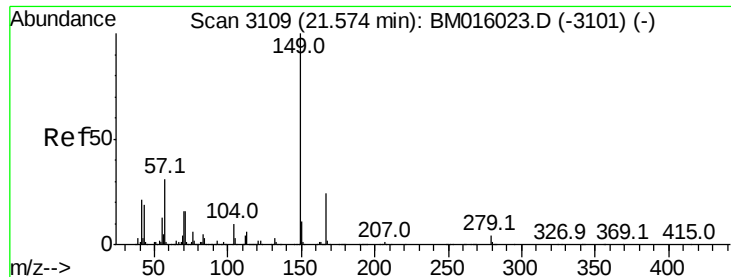
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.336 ng

RT: 21.51 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

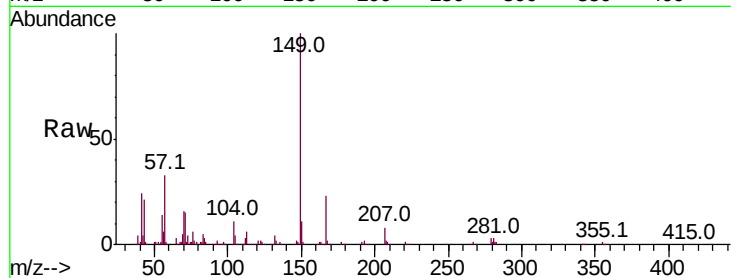
Instrument :

BNA_M

ClientSampled :

Tot Ion:149 Resp: 224742

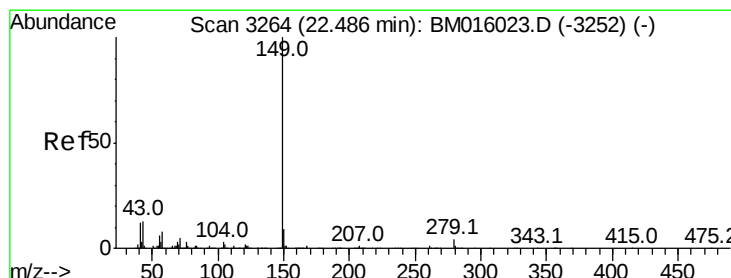
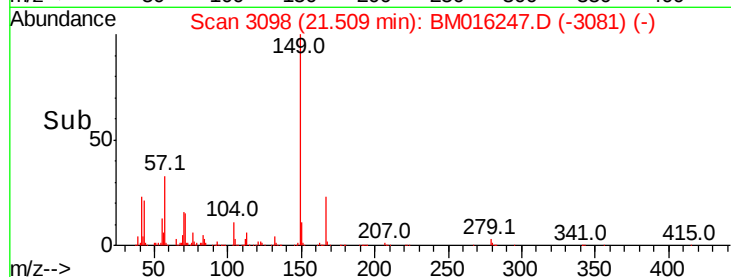
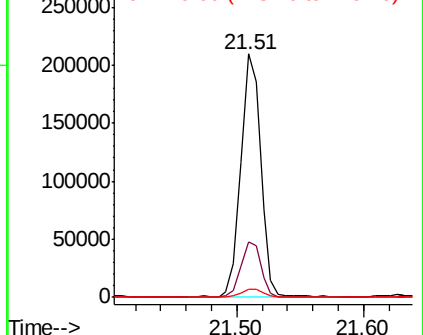
Ion	Ratio	Lower	Upper
149	100		
167	22.6	22.4	33.6
279	3.1	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.967 ng

RT: 22.41 min Scan# 3252

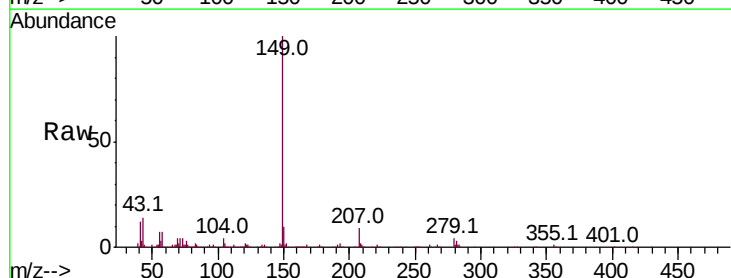
Delta R.T. 0.01 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Tgt Ion:149 Resp: 373541

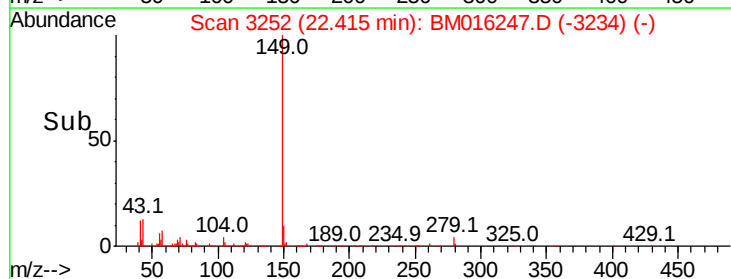
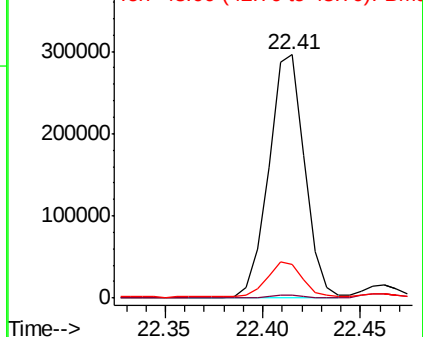
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.3	7.3	10.9

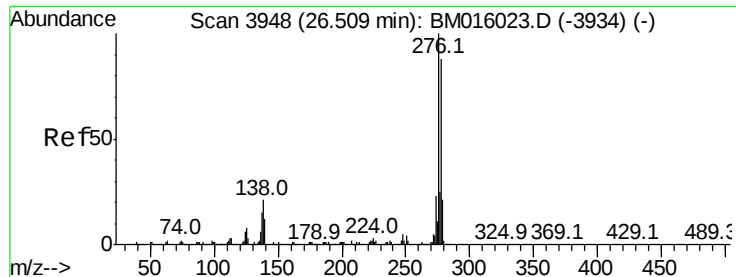


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.196 ng

RT: 26.36 min Scan# 3923

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :

BNA_M

ClientSampleId :

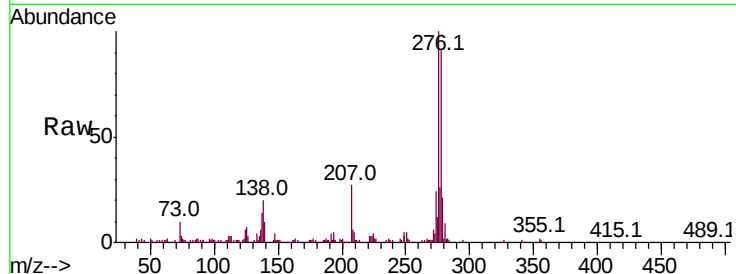
Tot Ion:276 Resp: 344921

Ion Ratio Lower Upper

276 100

138 20.1 12.0 18.0#

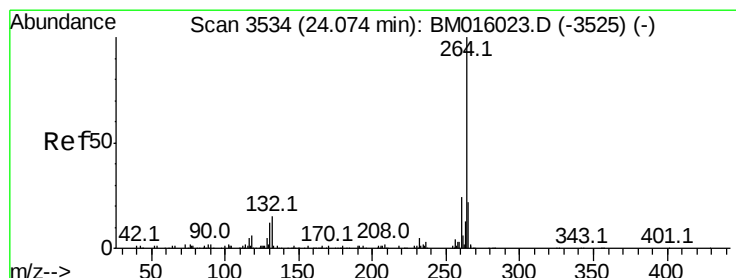
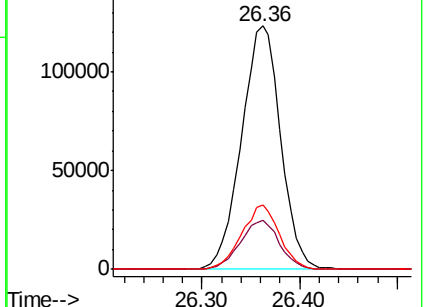
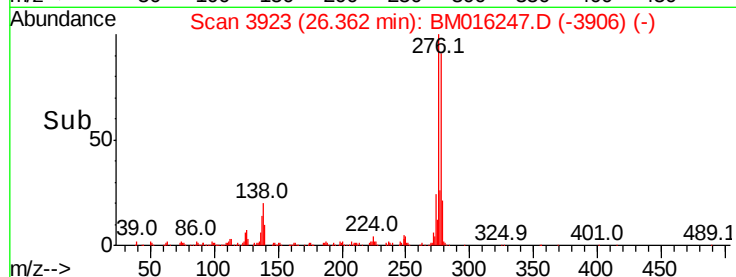
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.97 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

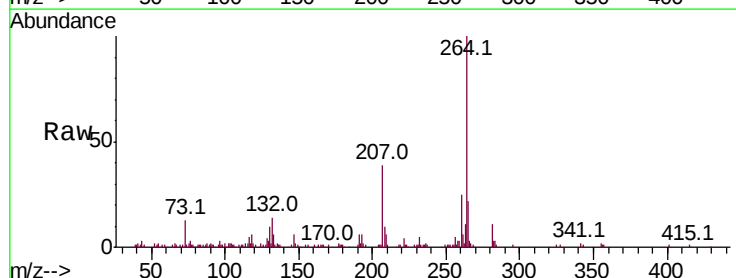
Tgt Ion:264 Resp: 153590

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

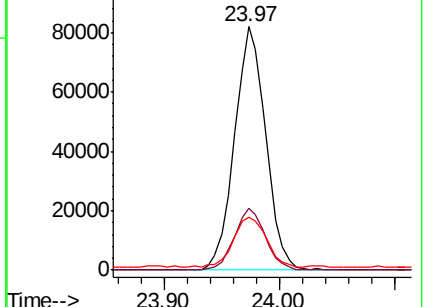
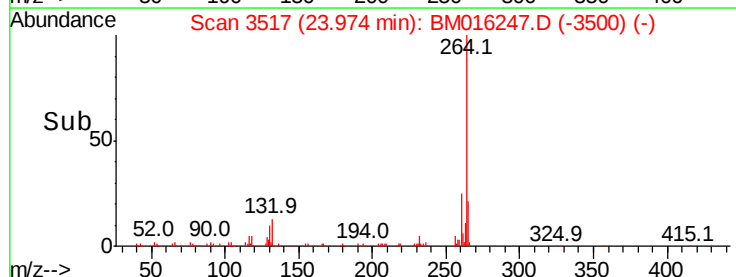
265 22.0 17.3 25.9

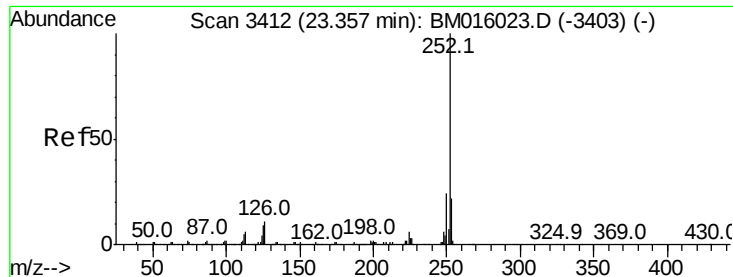


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.349 ng

RT: 23.27 min Scan# 3397

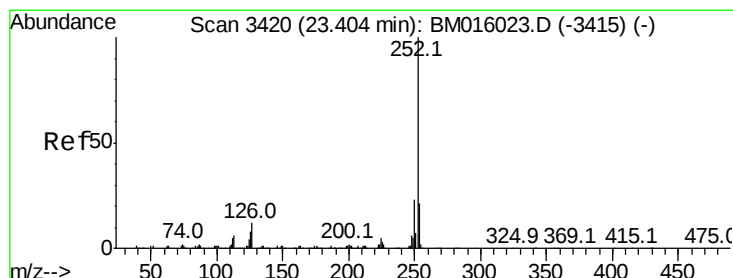
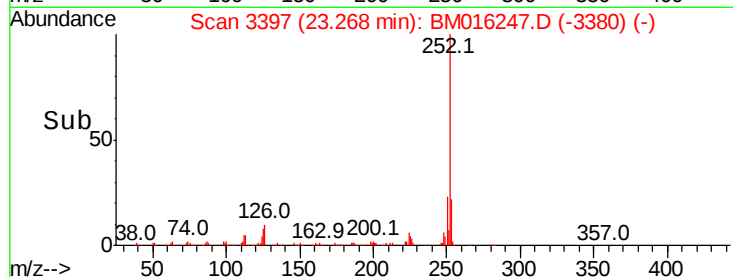
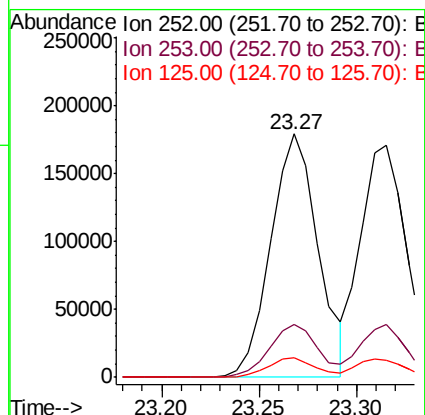
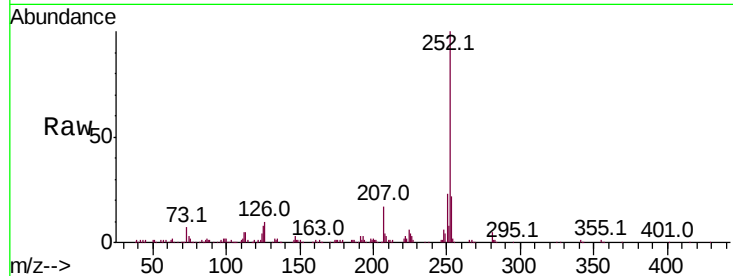
Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.0	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 30.531 ng

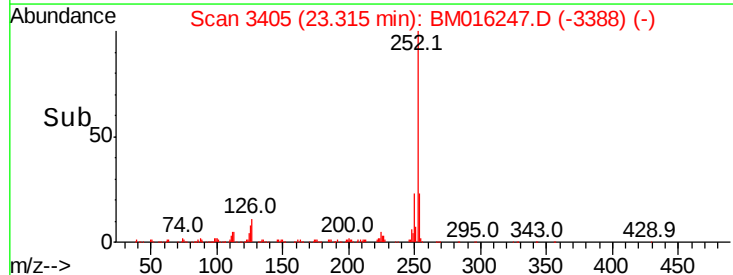
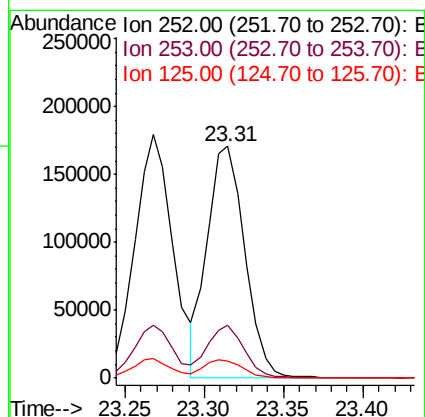
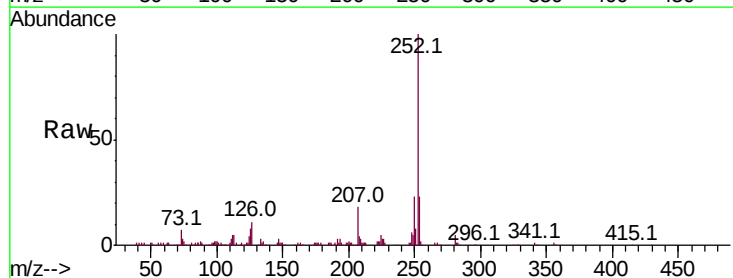
RT: 23.31 min Scan# 3405

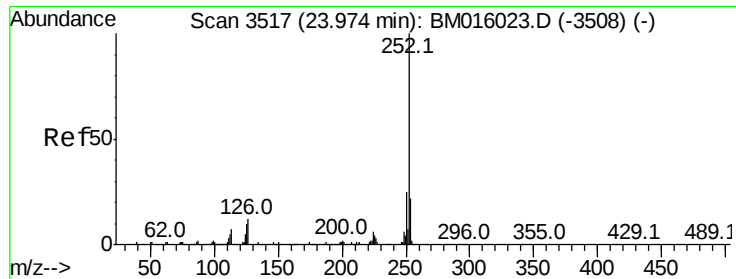
Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	7.6	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 32.774 ng

RT: 23.87 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

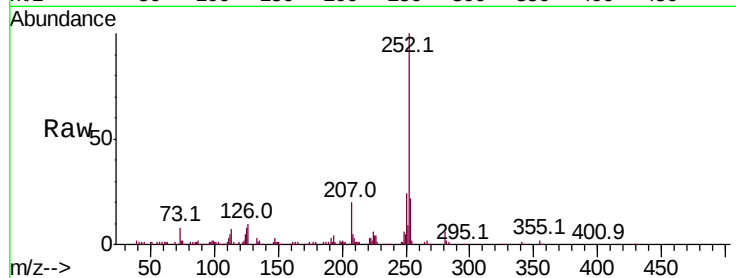
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 284921

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.4	7.4	11.2

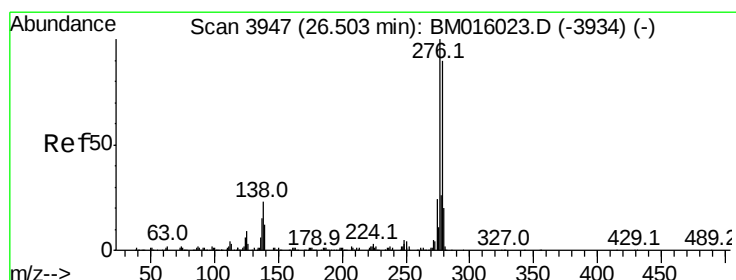
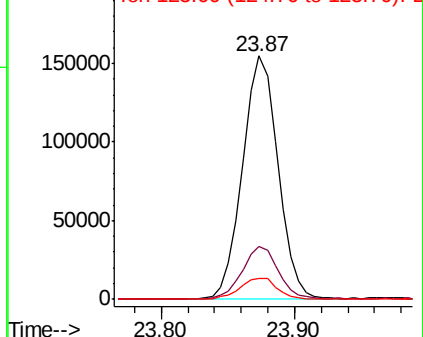
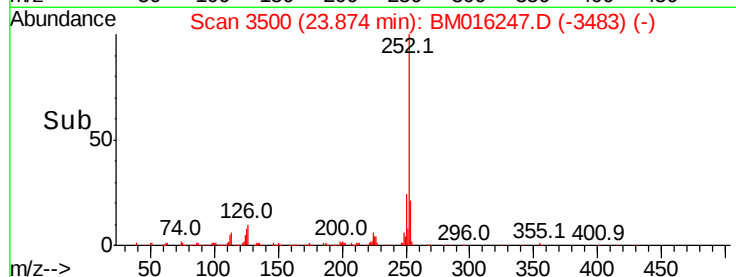


Abundance

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: 32.418 ng

RT: 26.36 min Scan# 3923

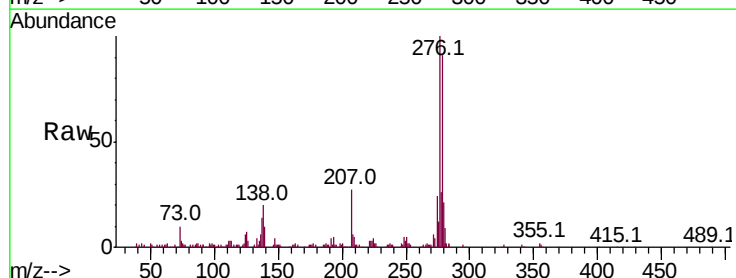
Delta R.T. 0.00 min

Lab File: BM016247.D

Acq: 08 Aug 2018 13:23

Tgt Ion:278 Resp: 291992

Ion	Ratio	Lower	Upper
278	100		
139	11.0	13.4	20.0#
279	23.1	19.0	28.4

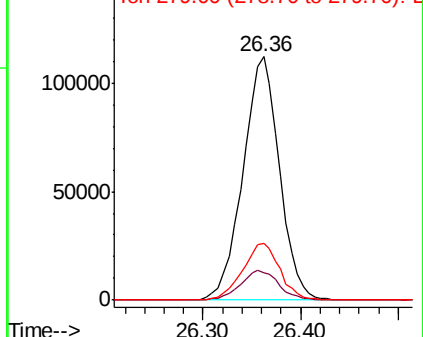
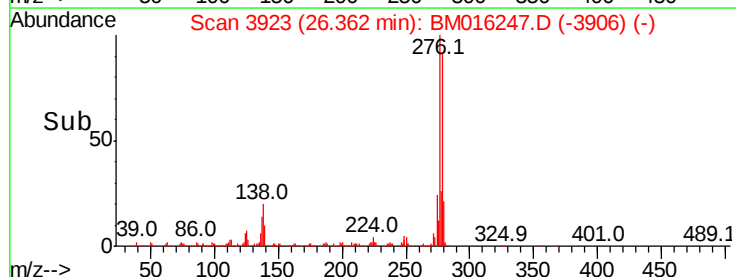


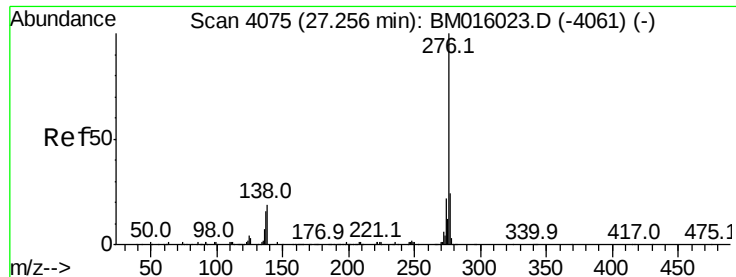
Abundance

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: 32.881 ng
 RT: 27.10 min Scan# 4048
 Delta R.T. 0.00 min
 Lab File: BM016247.D
 Acq: 08 Aug 2018 13:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.5	27.7
138	17.2	19.0	28.6

