

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
 Data File : BM016013.D
 Acq On : 20 Jul 2018 11:16
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 22:52:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 20 01:21:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	45365	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	229855	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	147782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	343865	20.00	ng/ul	0.09
77) Chrysene-d12	21.72	240	403350	20.00	ng/ul	0.00
85) Perylene-d12	24.10	264	364008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	7893	7.66	ng/uL	0.00
5) Phenol-d5	7.40	99	78562	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	49247	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	66216	19.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	70122	19.75	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	32996	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	37503	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	75553	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	99109	22.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	257012	19.08	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	307849	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	38038	16.29	ng/ul	0.00
57) Fluorene-d10	15.86	176	221675	19.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	38393	16.73	ng/ul	0.00
70) Anthracene-d10	17.70	188	343865	19.53	ng/ul	0.00
78) Pyrene-d10	19.96	212	378764	20.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.95	264	388695	19.42	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.53	88	7635	7.596	ng/uL 91
4) Benzaldehyde	7.39	77	56832	21.328	ng/ul 84
6) Phenol	7.43	94	77390	18.591	ng/ul# 62
8) Bis(2-Chloroethyl)ether	7.67	93	57940	18.848	ng/ul# 82
10) 2-Chlorophenol	7.81	128	65464	19.580	ng/ul# 86
11) 2-Methylphenol	8.70	108	61128	19.093	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.77	45	51972	10.644	ng/ul# 91
14) Acetophenone	9.09	105	113898	19.308	ng/ul# 76
15) N-Nitroso-di-n-propylamine	9.06	70	59824	20.273	ng/ul# 65
16) 4-Methylphenol	9.03	108	69075	19.536	ng/ul 94
17) Hexachloroethane	9.33	117	31754	21.103	ng/ul 86
20) Nitrobenzene	9.48	77	92290	19.783	ng/ul# 86
21) Isophorone	10.00	82	160683	19.741	ng/ul# 98
23) 2-Nitrophenol	10.19	139	41323	20.518	ng/ul# 75
24) 2,4-Dimethylphenol	10.24	107	94003	20.408	ng/ul 90
25) Bis(2-Chloroethoxy)methane	10.47	93	90570	19.124	ng/ul 99
27) 2,4-Dichlorophenol	10.73	162	74469	20.929	ng/ul 98
28) Naphthalene	11.13	128	234610	19.259	ng/ul 99
30) 4-Chloroaniline	11.25	127	97942	22.215	ng/ul 98
31) Hexachlorobutadiene	11.38	225	50239	20.099	ng/ul 96
32) Caprolactam	12.04	113	21722	18.111	ng/ul# 75
33) 4-Chloro-3-methylphenol	12.35	107	87221	20.877	ng/ul 98
34) 2-Methylnaphthalene	12.72	142	176441	19.521	ng/ul 97

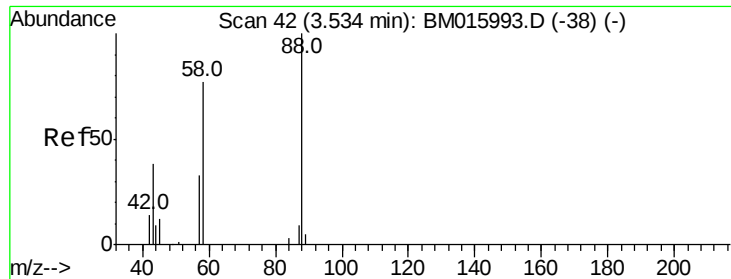
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	90741	19.783	ng/ul#	97
37) Hexachlorocyclopentadiene	13.04	237	30558	14.052	ng/ul	94
38) 2,4,6-Trichlorophenol	13.32	196	61369	20.721	ng/ul	97
39) 2,4,5-Trichlorophenol	13.40	196	61716	19.615	ng/ul	99
40) 1,1'-Biphenyl	13.71	154	241827	19.324	ng/ul	97
41) 2-Chloronaphthalene	13.76	162	185702	19.226	ng/ul	98
42) 2-Nitroaniline	13.98	65	63094	20.413	ng/ul#	73
44) Dimethylphthalate	14.33	163	254180	19.054	ng/ul	99
45) 2,6-Dinitrotoluene	14.46	165	48197	20.220	ng/ul#	66
47) Acenaphthylene	14.60	152	296243	19.689	ng/ul	99
48) 3-Nitroaniline	14.80	138	48711	19.846	ng/ul	90
49) Acenaphthene	14.94	153	211937	19.394	ng/ul	96
50) 2,4-Dinitrophenol	15.02	184	17670	13.415	ng/ul#	2
52) 4-Nitrophenol	15.10	109	54500	19.587	ng/ul#	72
53) Dibenzofuran	15.27	168	298630	19.149	ng/ul	88
54) 2,4-Dinitrotoluene	15.26	165	74727	19.533	ng/ul#	39
55) 2,3,4,6-Tetrachlorophenol	15.50	232	58345	20.356	ng/ul#	84
56) Diethylphthalate	15.67	149	280957	19.377	ng/ul	95
58) Fluorene	15.92	166	245309	19.415	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	122831	19.507	ng/ul	93
60) 4-Nitroaniline	15.96	138	48502	18.016	ng/ul#	58
63) 4,6-Dinitro-2-methylphenol	16.02	198	38324	16.306	ng/ul#	79
64) N-Nitrosodiphenylamine	16.12	169	208459	19.571	ng/ul	98
65) 4-Bromophenyl-phenylether	16.79	248	72362	19.526	ng/ul	93
66) Hexachlorobenzene	16.91	284	79469	19.206	ng/ul#	87
67) Atrazine	17.05	200	82904	19.503	ng/ul	97
68) Pentachlorophenol	17.26	266	39511	17.763	ng/ul	99
69) Phenanthrene	17.74	178	405606	19.951	ng/ul	99
71) Anthracene	17.74	178	405606	19.349	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	96738	20.110	ng/uL	97
73) Pentachlorobenzene	15.19	250	92174	19.585	ng/uL	99
74) Carbazole	18.01	167	357054	18.794	ng/ul	97
75) Di-n-butylphthalate	18.53	149	486067	20.025	ng/ul#	96
76) Fluoranthene	19.63	202	460864	18.062	ng/ul#	94
79) Pvrene	19.99	202	479370	20.160	ng/ul	94
80) Butylbenzylphthalate	20.84	149	241624	21.122	ng/ul	87
81) 3,3'-Dichlorobenzidine	21.63	252	168228	18.960	ng/ul	99
82) Benzo(a)anthracene	21.70	228	509294	19.530	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	351563	20.957	ng/ul	93
84) Chrysene	21.76	228	469747	19.257	ng/ul	99
86) Di-n-octyl phthalate	22.50	149	606126	21.260	ng/ul#	83
87) Benzo(b)fluoranthene	23.38	252	478680	20.500	ng/ul#	98
88) Benzo(k)fluoranthene	23.38	252	478680	21.445	ng/ul	97
90) Benzo(a)pyrene	24.00	252	432047	19.244	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	26.54	276	428988	15.541	ng/ul#	94
92) Dibenzo(a,h)anthracene	26.55	278	367068	15.703	ng/ul#	95
93) Benzo(g,h,i)perylene	27.30	276	334349	15.148	ng/ul#	92

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



#2

1,4-Dioxane

Concen: 7.596 ng/uL

RT: 3.53 min Scan# 42

Delta R.T. -0.00 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampled :

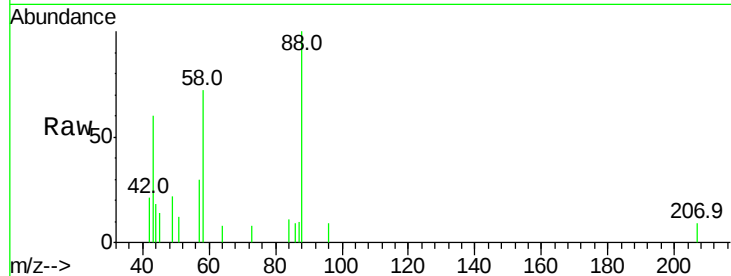
Tot Ion: 88 Resp: 7635

Ion Ratio Lower Upper

88 100

43 46.0 32.0 48.0

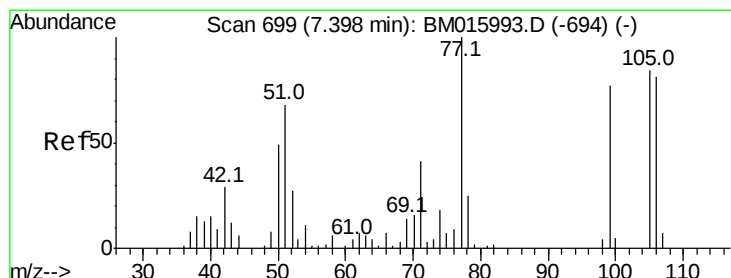
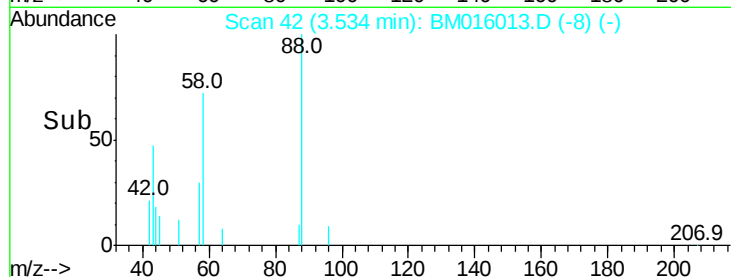
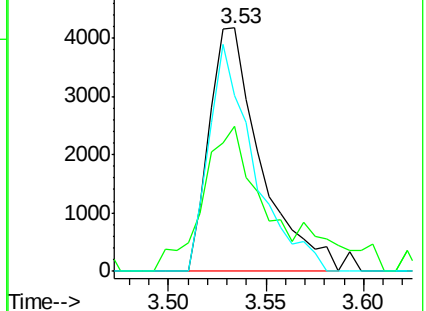
58 82.1 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BM015993.D (-38) (-)

Ion 43.00 (42.70 to 43.70): BM015993.D (-38) (-)

Ion 58.00 (57.70 to 58.70): BM015993.D (-38) (-)



#4

Benzaldehyde

Concen: 21.328 ng/uL

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

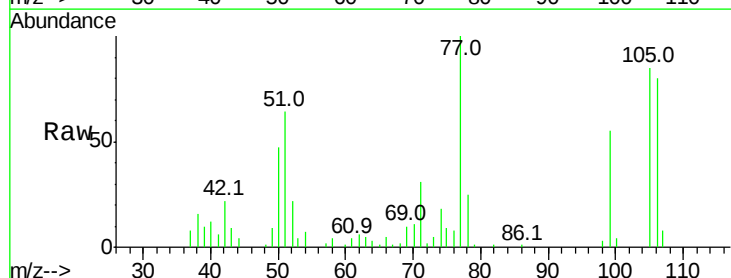
Tgt Ion: 77 Resp: 56832

Ion Ratio Lower Upper

77 100

105 85.1 80.6 120.8

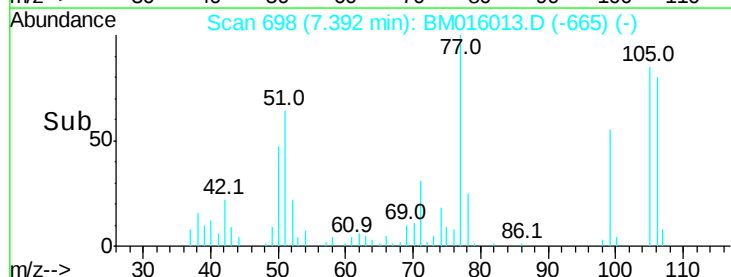
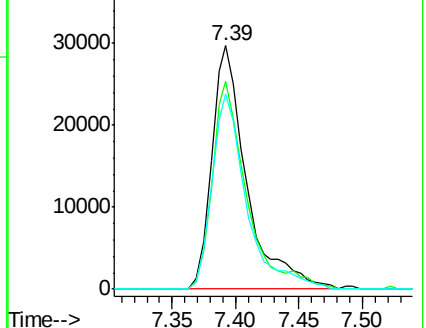
106 80.3 77.7 116.5

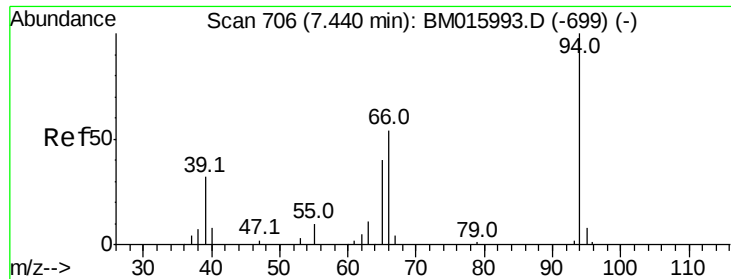


Abundance Ion 77.00 (76.70 to 77.70): BM015993.D (-694) (-)

Ion 105.00 (104.70 to 105.70): BM015993.D (-694) (-)

Ion 106.00 (105.70 to 106.70): BM015993.D (-694) (-)





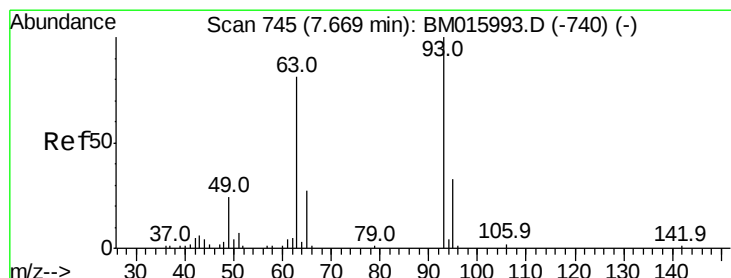
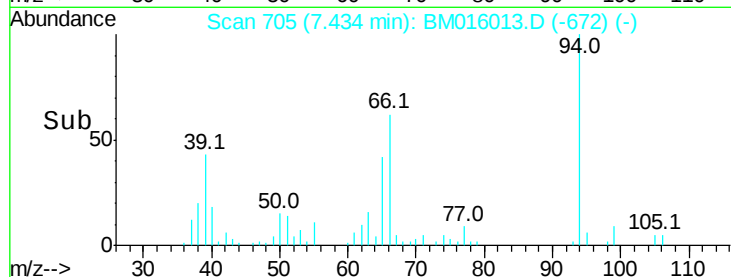
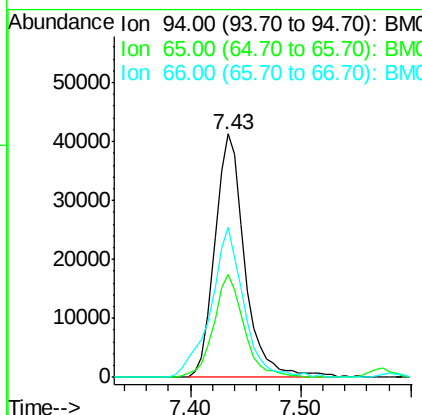
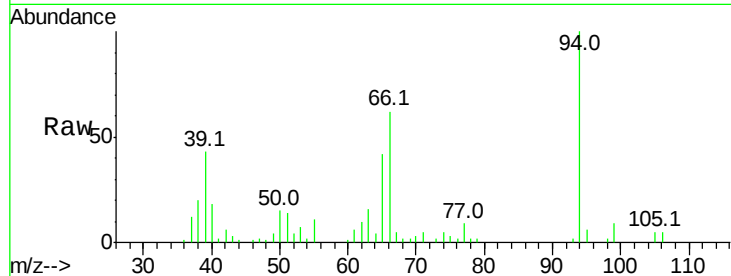
#6

Phenol

Concen: 18.591 ng/ul
 RT: 7.43 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 77390
 Ion Ratio Lower Upper
 94 100
 65 42.3 21.0 31.6#
 66 61.8 29.3 43.9#

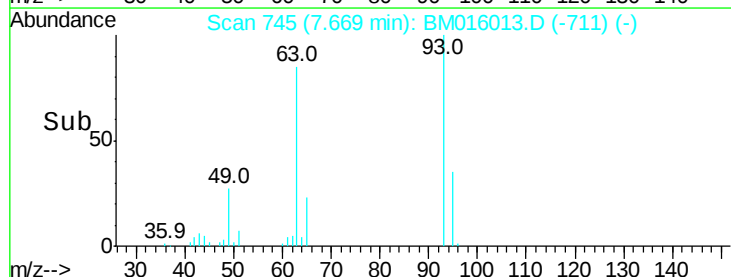
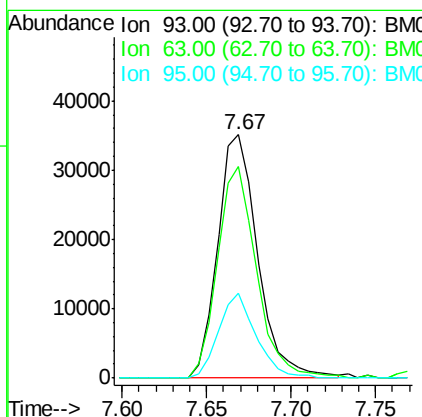
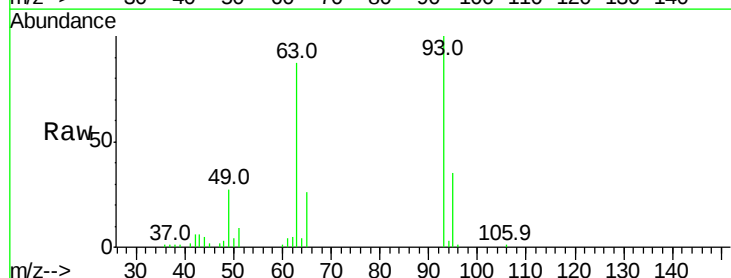


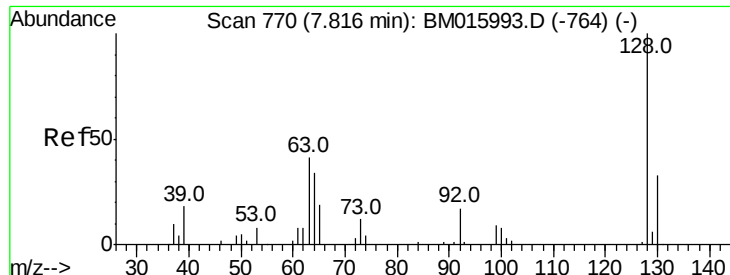
#8

Bis(2-Chloroethyl)ether

Concen: 18.848 ng/ul
 RT: 7.67 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion: 93 Resp: 57940
 Ion Ratio Lower Upper
 93 100
 63 86.8 53.5 80.3#
 95 35.0 26.2 39.2

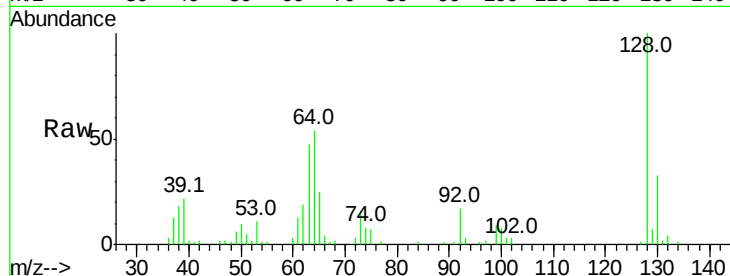




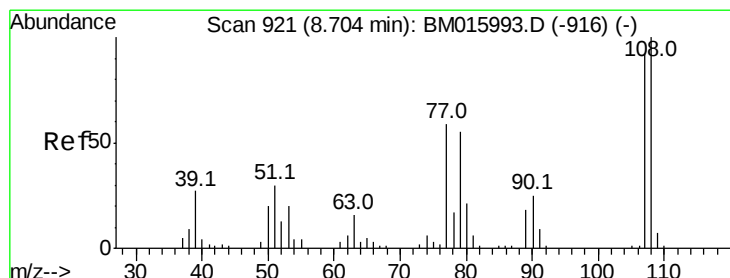
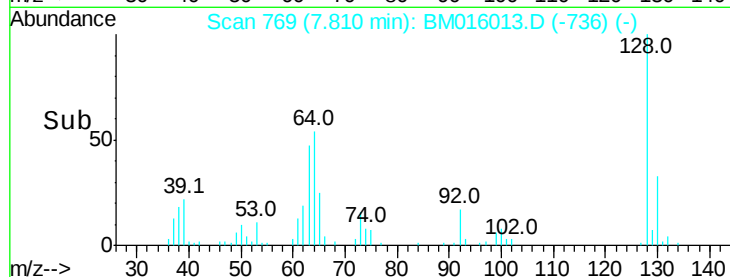
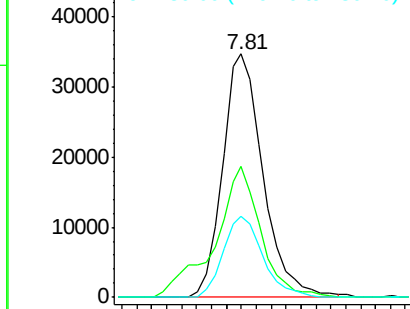
#10
2-Chlorophenol
Concen: 19.580 ng/ul
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 65464
Ion Ratio Lower Upper
128 100
64 54.0 31.9 47.9#
130 33.5 25.6 38.4

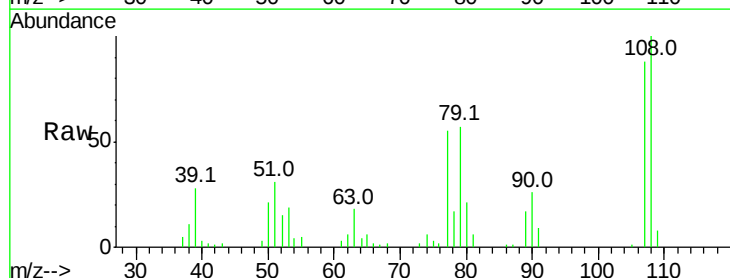


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

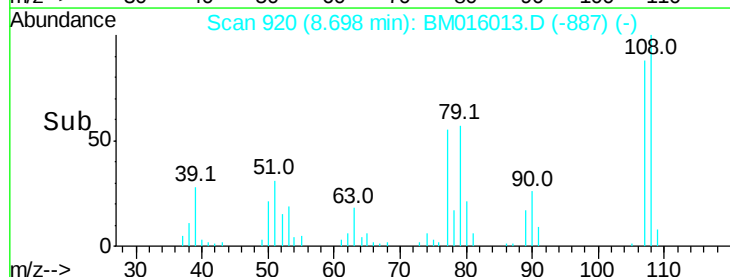
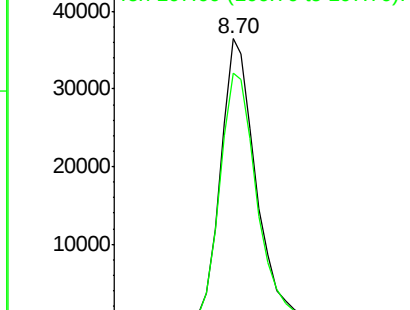


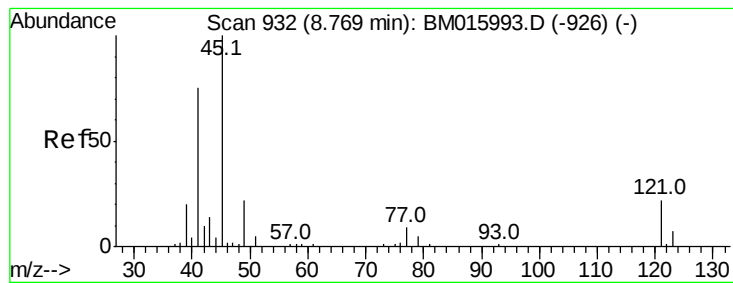
#11
2-Methylphenol
Concen: 19.093 ng/ul
RT: 8.70 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion:108 Resp: 61128
Ion Ratio Lower Upper
108 100
107 88.0 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 10.644 ng/ul

RT: 8.77 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampled :

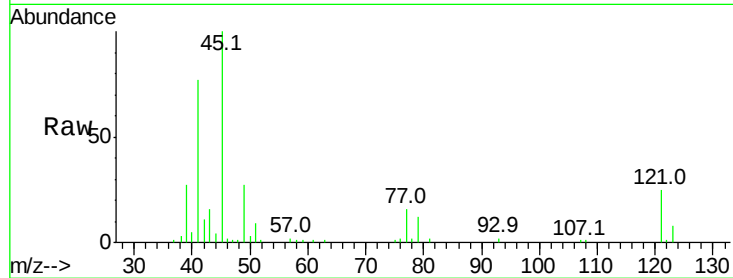
Tot Ion: 45 Resp: 51972

Ion Ratio Lower Upper

45 100

77 16.2 15.9 23.9

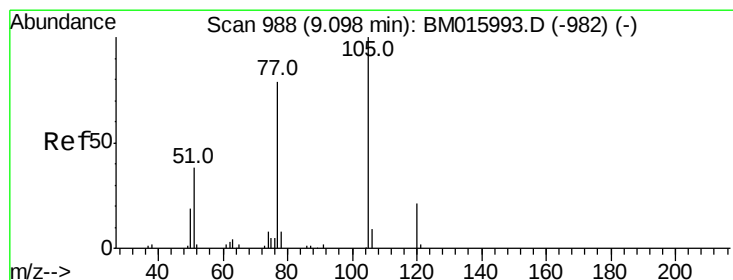
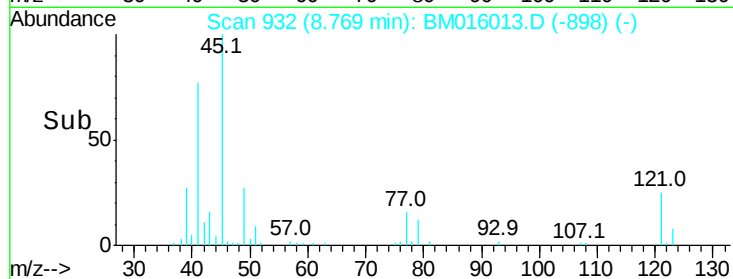
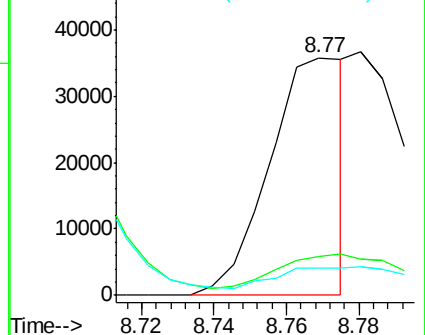
79 11.7 12.5 18.7#



Abundance Ion 45.00 (44.70 to 45.70): BM015993.D (-926) (-)

Ion 77.00 (76.70 to 77.70): BM015993.D (-926) (-)

Ion 79.00 (78.70 to 79.70): BM015993.D (-926) (-)



#14

Acetophenone

Concen: 19.308 ng/ul

RT: 9.09 min Scan# 987

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

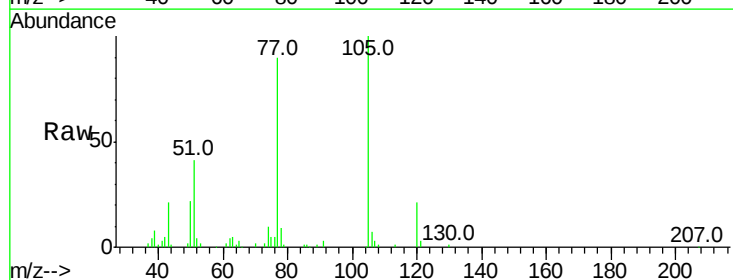
Tgt Ion:105 Resp: 113898

Ion Ratio Lower Upper

105 100

77 89.8 59.0 88.4#

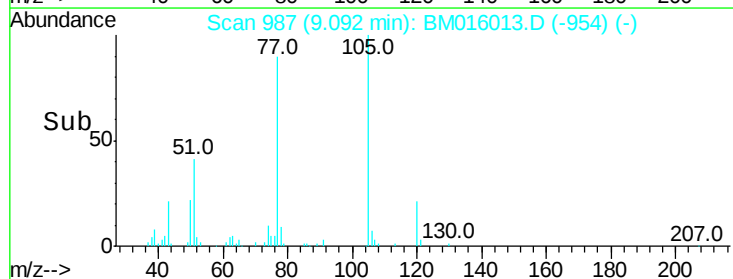
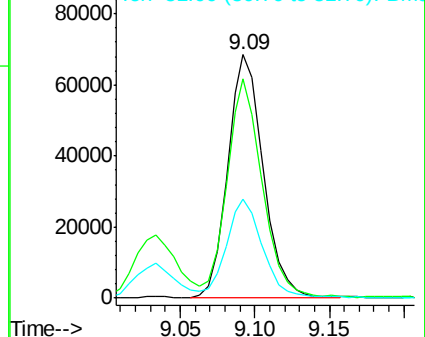
51 40.7 16.4 24.6#

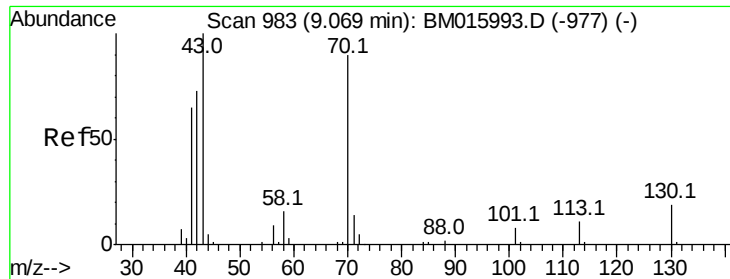


Abundance Ion 105.00 (104.70 to 105.70): BM015993.D (-982) (-)

Ion 77.00 (76.70 to 77.70): BM015993.D (-982) (-)

Ion 51.00 (50.70 to 51.70): BM015993.D (-982) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 20.273 ng/ul

RT: 9.06 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 59824

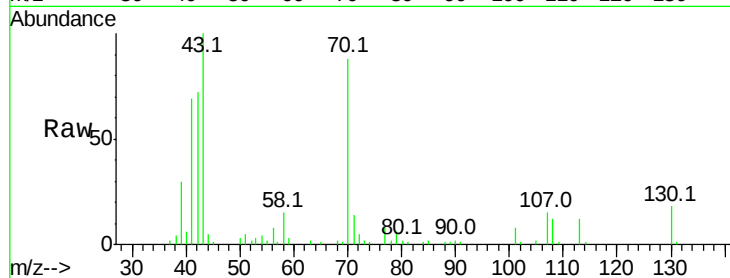
Ion Ratio Lower Upper

70 100

42 81.8 35.4 53.0#

101 9.2 8.4 12.6

130 20.0 18.2 27.4

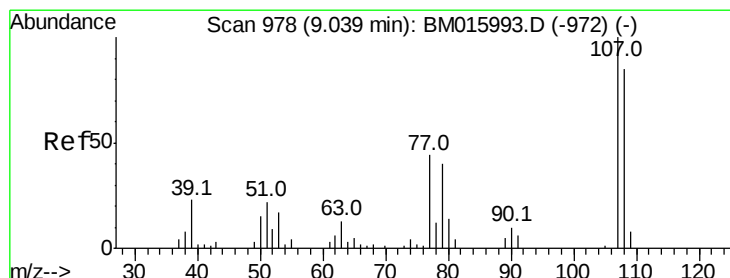
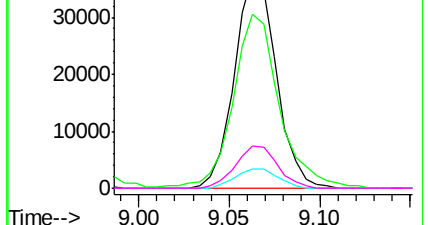
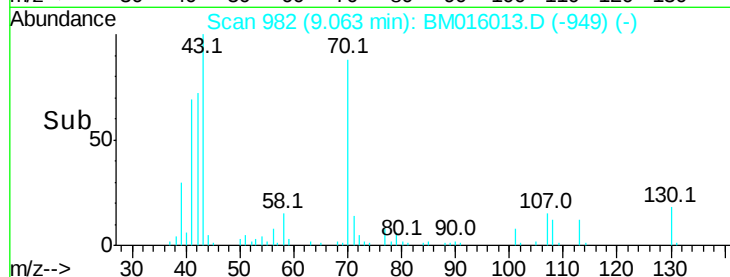


Abundance Ion 70.00 (69.70 to 70.70): BM015993.D (-977) (-)

Ion 42.00 (41.70 to 42.70): BM015993.D (-977) (-)

Ion 101.00 (100.70 to 101.70): BM015993.D (-977) (-)

Ion 130.00 (129.70 to 130.70): BM015993.D (-977) (-)



#16

4-Methylphenol

Concen: 19.536 ng/ul

RT: 9.03 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM016013.D

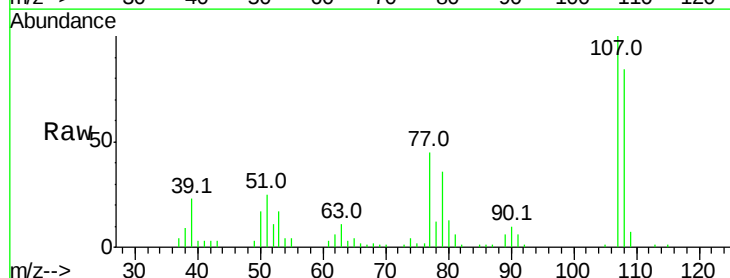
Acq: 20 Jul 2018 11:16

Tgt Ion:108 Resp: 69075

Ion Ratio Lower Upper

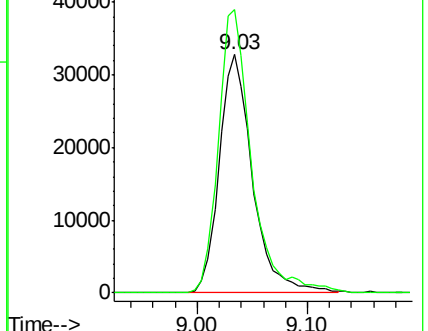
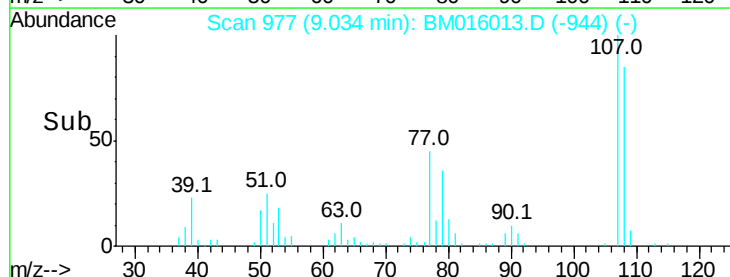
108 100

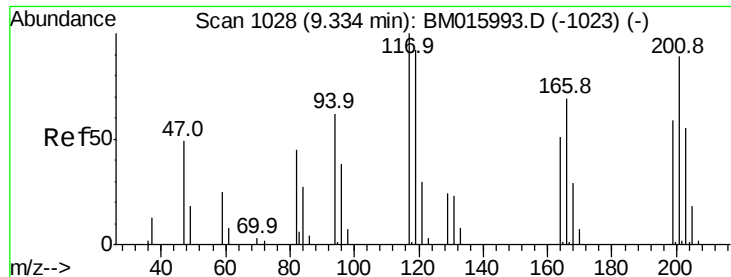
107 118.9 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): BM015993.D (-972) (-)

Ion 107.00 (106.70 to 107.70): BM015993.D (-972) (-)

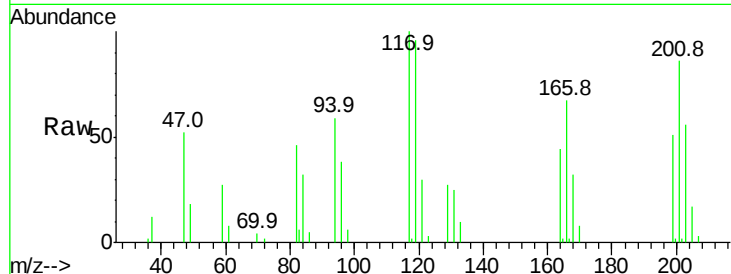




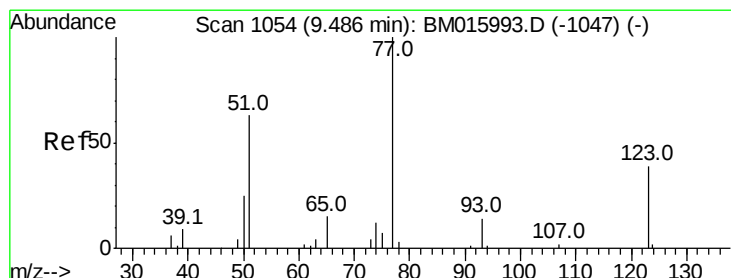
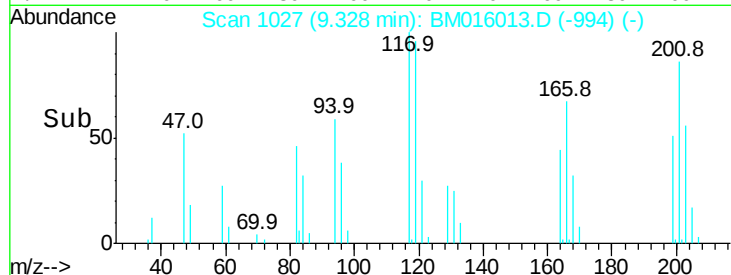
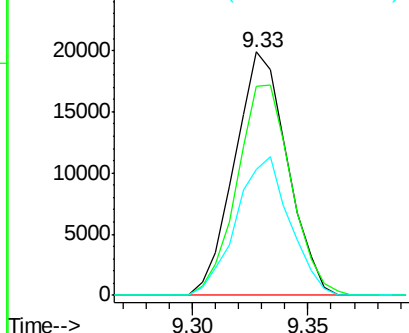
#17
Hexachloroethane
Concen: 21.103 ng/ul
RT: 9.33 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 31754
Ion Ratio Lower Upper
117 100
201 87.7 81.5 122.3
199 51.5 50.6 76.0

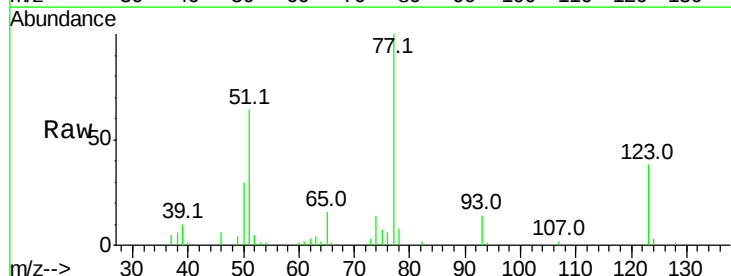


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

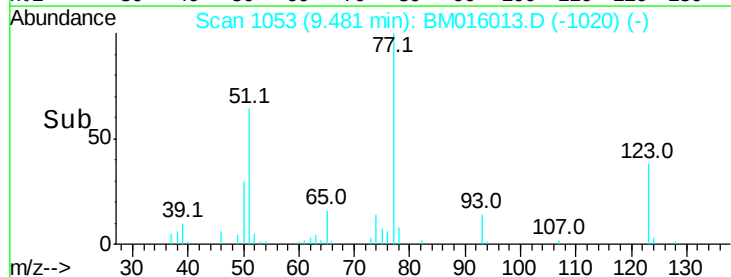
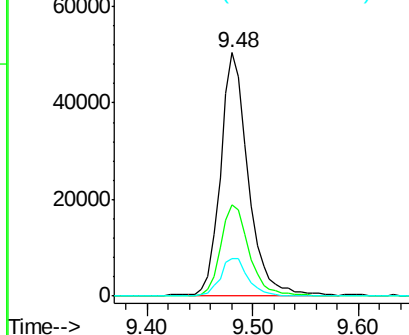


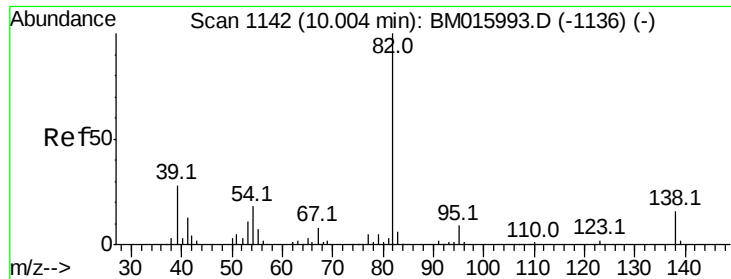
#20
Nitrobenzene
Concen: 19.783 ng/ul
RT: 9.48 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion: 77 Resp: 92290
Ion Ratio Lower Upper
77 100
123 37.6 39.0 58.4#
65 15.7 10.4 15.6#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.741 ng/ul

RT: 10.00 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

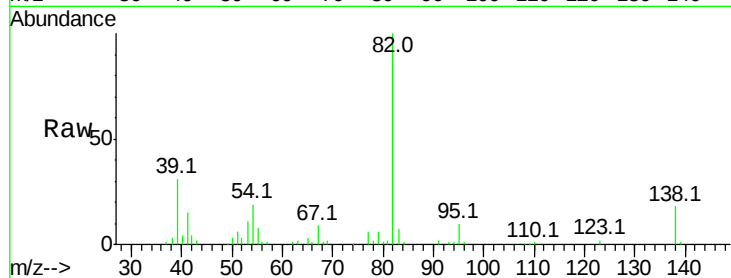
Tot Ion: 82 Resp: 160683

Ion Ratio Lower Upper

82 100

95 9.7 6.4 9.6#

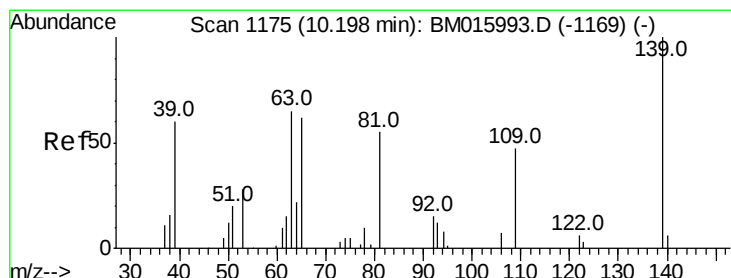
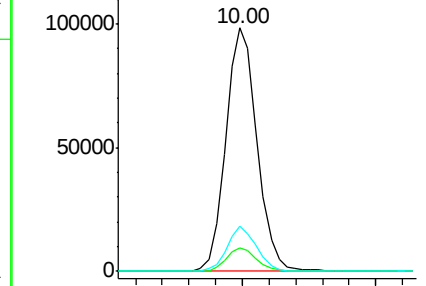
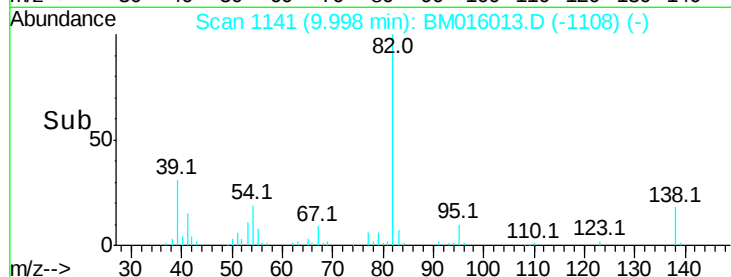
138 18.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BM015993.D (-1136) (-)

Ion 95.00 (94.70 to 95.70): BM015993.D (-1136) (-)

Ion 138.00 (137.70 to 138.70): BM015993.D (-1136) (-)



#23

2-Nitrophenol

Concen: 20.518 ng/ul

RT: 10.19 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

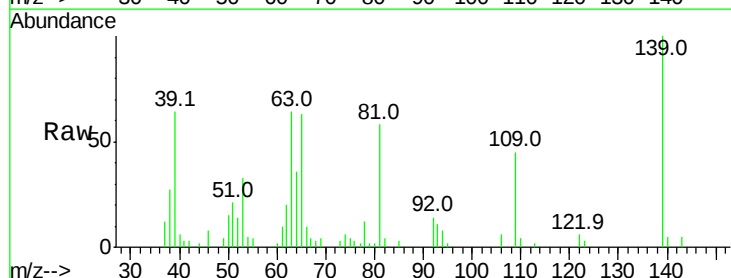
Tgt Ion:139 Resp: 41323

Ion Ratio Lower Upper

139 100

65 63.2 36.3 54.5#

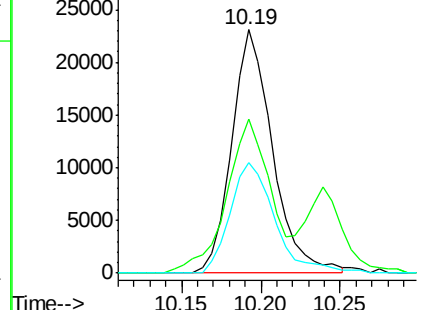
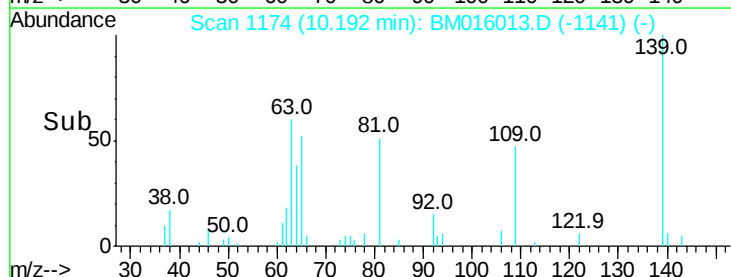
109 45.4 26.4 39.6#

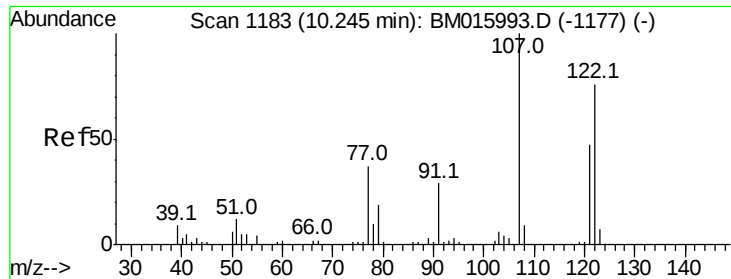


Abundance Ion 139.00 (138.70 to 139.70): BM015993.D (-1169) (-)

Ion 65.00 (64.70 to 65.70): BM015993.D (-1169) (-)

Ion 109.00 (108.70 to 109.70): BM015993.D (-1169) (-)

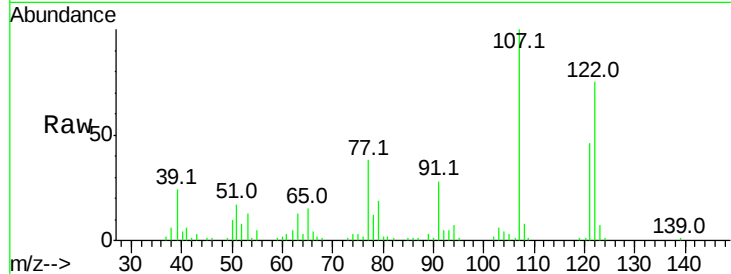




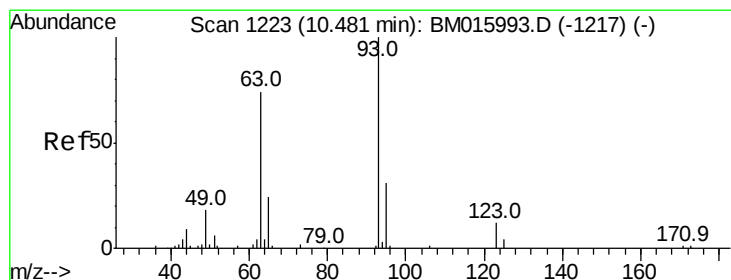
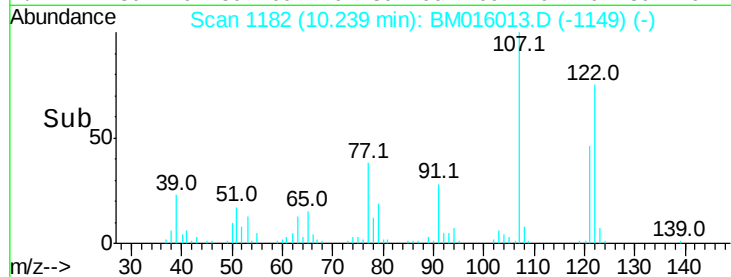
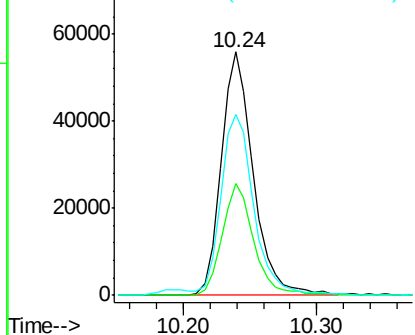
#24
 2,4-Dimethylphenol
 Concen: 20.408 ng/ul
 RT: 10.24 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:107 Resp: 94003
 Ion Ratio Lower Upper
 107 100
 121 45.8 40.6 61.0
 122 74.5 67.8 101.6

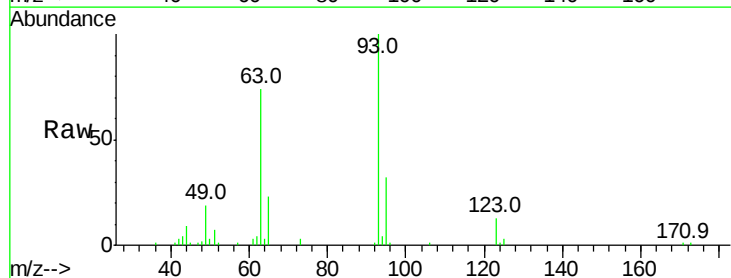


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

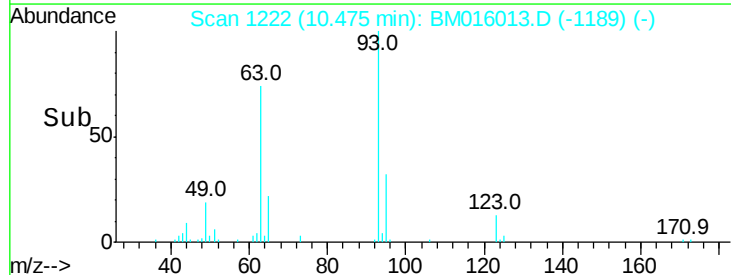
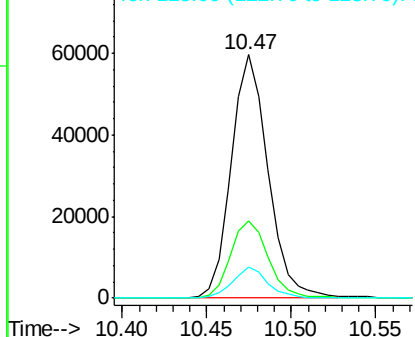


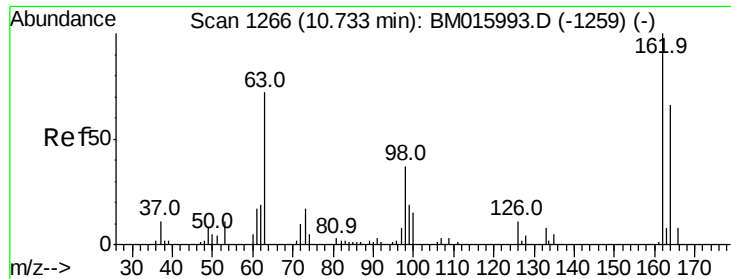
#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.124 ng/ul
 RT: 10.47 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion: 93 Resp: 90570
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.8 38.8
 123 12.7 9.8 14.8



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

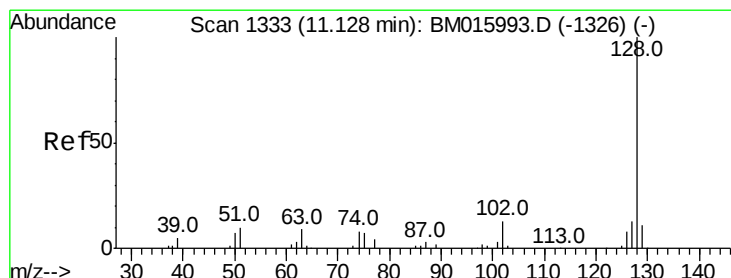
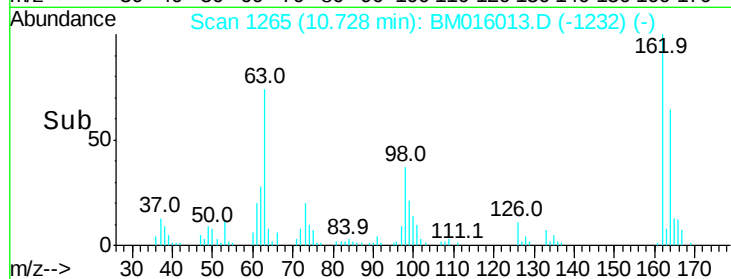
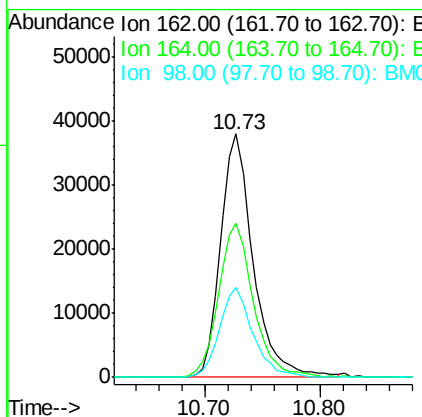
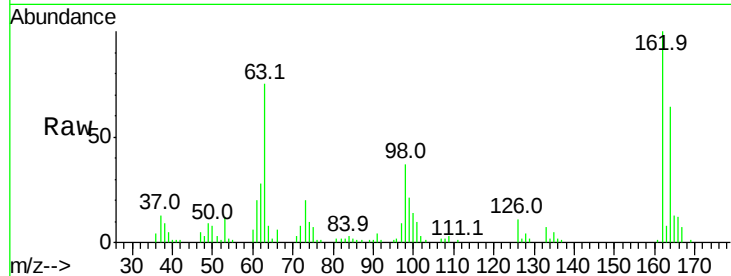




#27
2,4-Dichlorophenol
Concen: 20.929 ng/ul
RT: 10.73 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

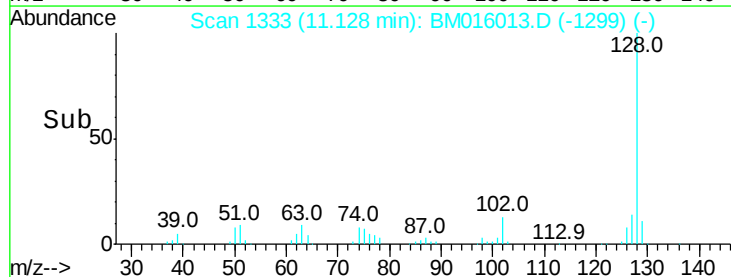
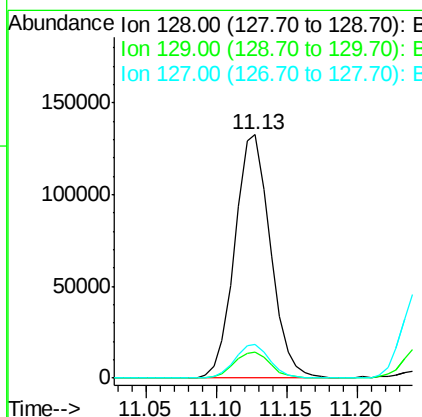
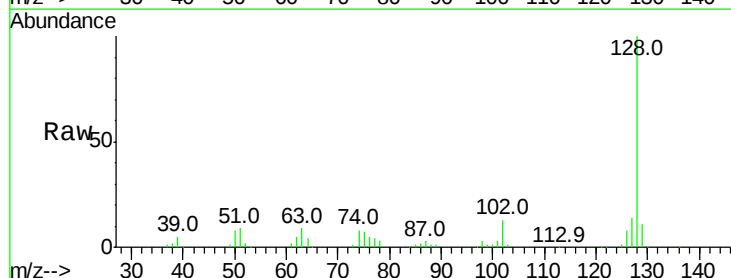
Instrument :
BNA_M
ClientSampleId :

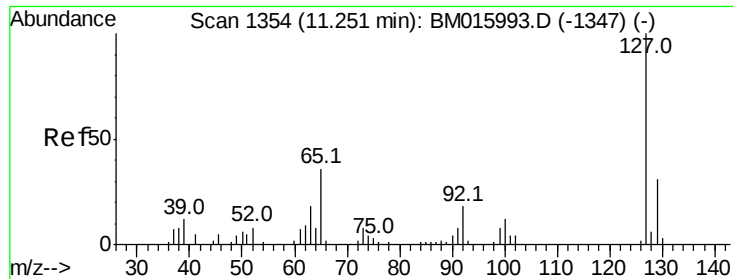
Tot Ion:162 Resp: 74469
Ion Ratio Lower Upper
162 100
164 63.5 52.1 78.1
98 37.0 28.4 42.6



#28
Naphthalene
Concen: 19.259 ng/ul
RT: 11.13 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion:128 Resp: 234610
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.8 10.5 15.7

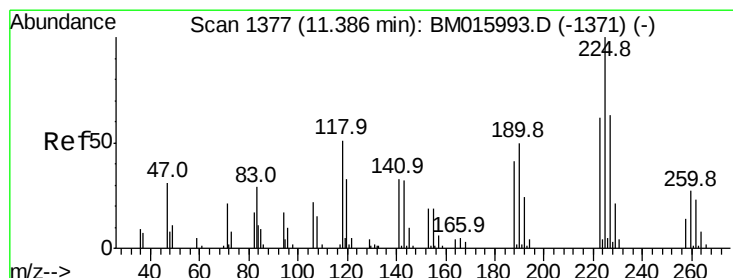
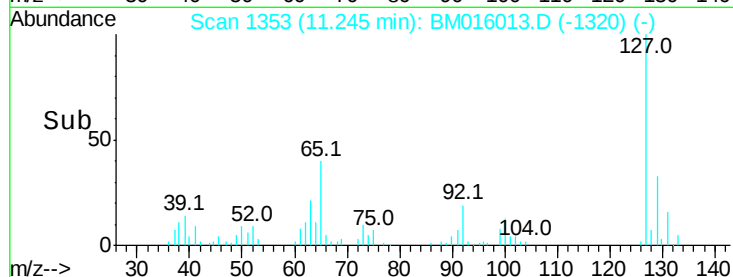
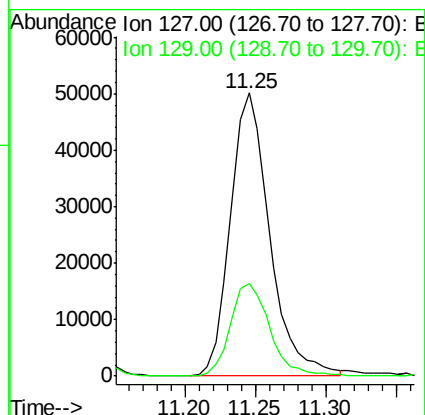
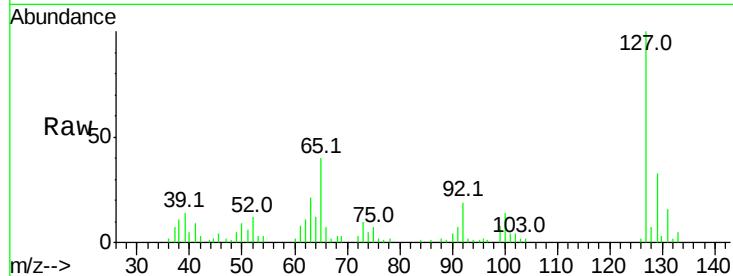




#30
4-Chloroaniline
Concen: 22.215 ng/ul
RT: 11.25 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

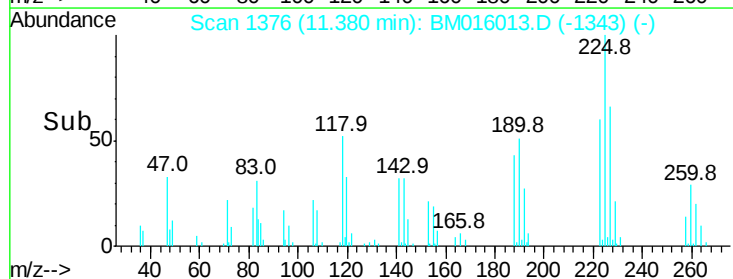
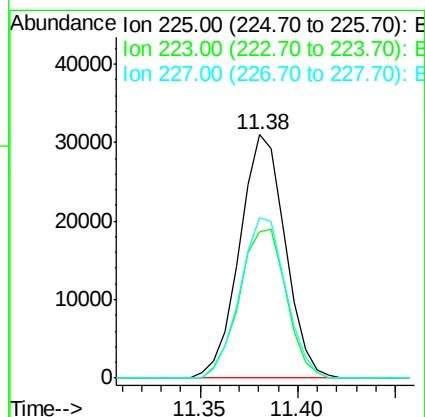
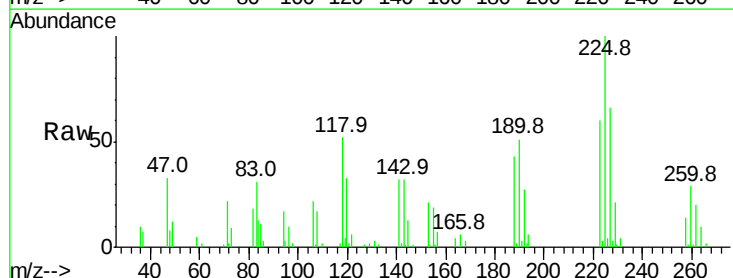
Instrument :
BNA_M
ClientSampled :

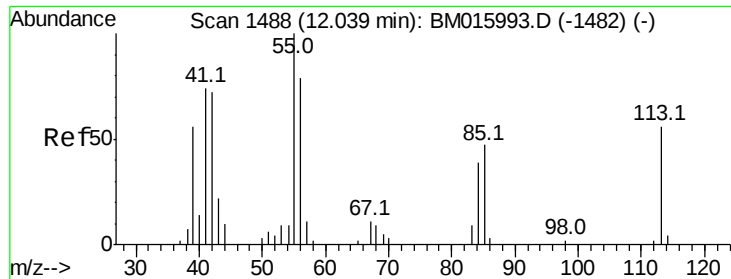
Tot Ion:127 Resp: 97942
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2



#31
Hexachlorobutadiene
Concen: 20.099 ng/ul
RT: 11.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion:225 Resp: 50239
Ion Ratio Lower Upper
225 100
223 60.0 51.4 77.2
227 65.8 50.7 76.1





#32

Caprolactam

Concen: 18.111 ng/ul

RT: 12.04 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampled :

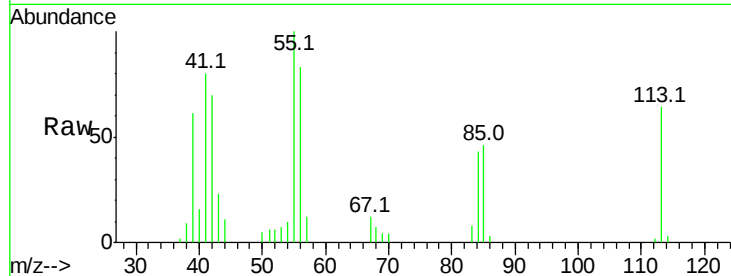
Tot Ion:113 Resp: 21722

Ion Ratio Lower Upper

113 100

55 155.3 101.9 152.9#

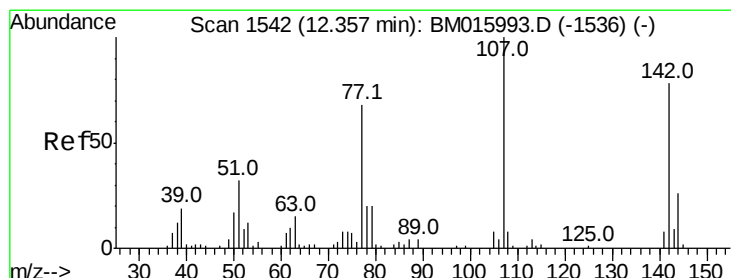
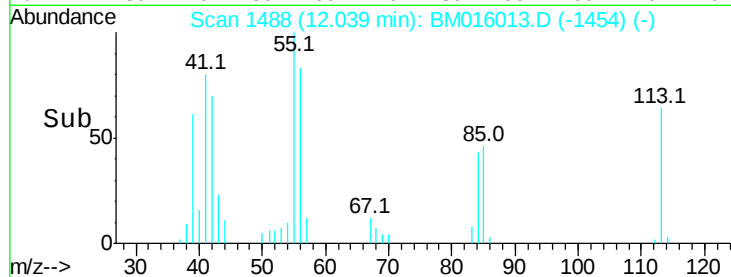
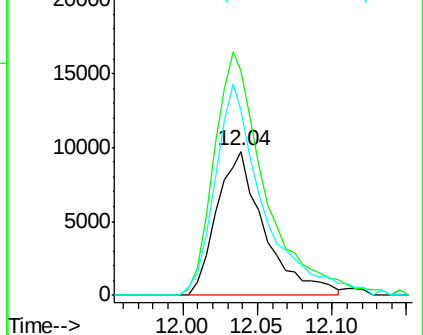
56 128.1 81.2 121.8#



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



#33

4-Chloro-3-methylphenol

Concen: 20.877 ng/ul

RT: 12.35 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

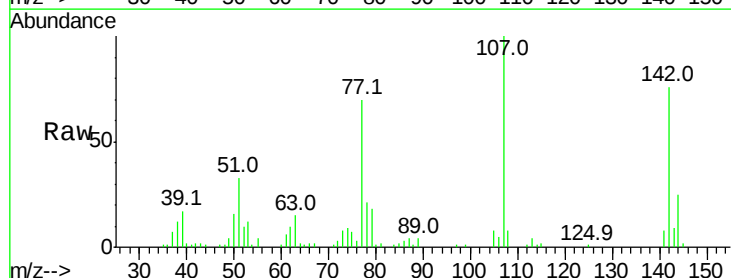
Tgt Ion:107 Resp: 87221

Ion Ratio Lower Upper

107 100

144 25.1 20.4 30.6

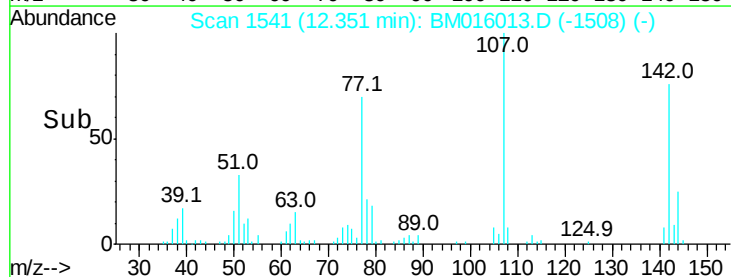
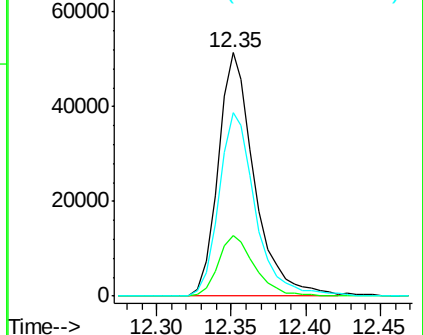
142 75.6 62.5 93.7

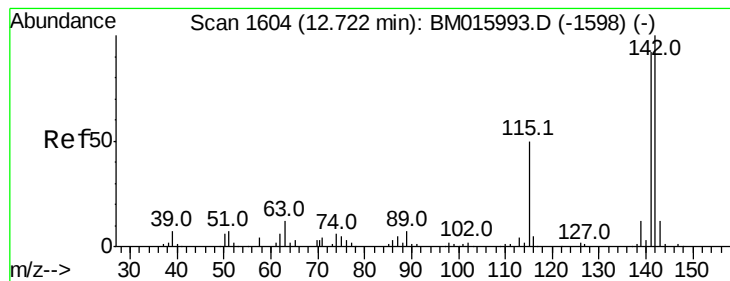


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.521 ng/ul

RT: 12.72 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

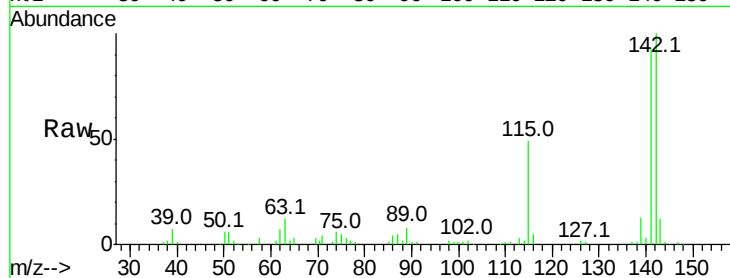
ClientSampleId :

Tot Ion:142 Resp: 176441

Ion Ratio Lower Upper

142 100

141 92.5 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.72

100000

80000

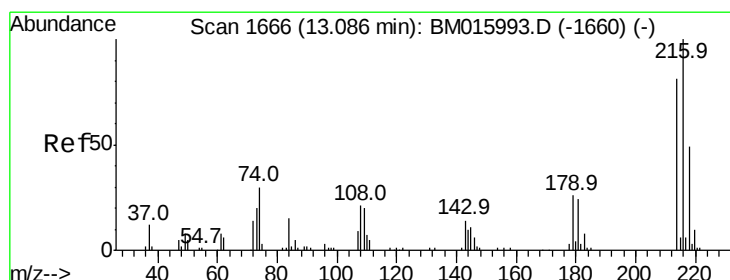
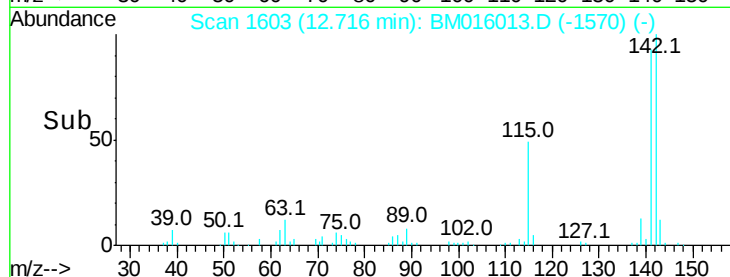
60000

40000

20000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.783 ng/ul

RT: 13.08 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Tgt Ion:216 Resp: 90741

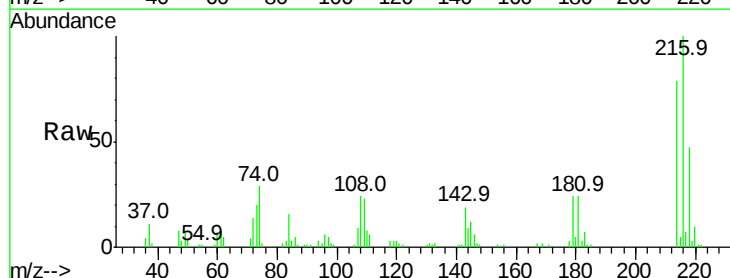
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 24.2 18.2 27.2

108 23.7 14.2 21.2#



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

13.08

80000

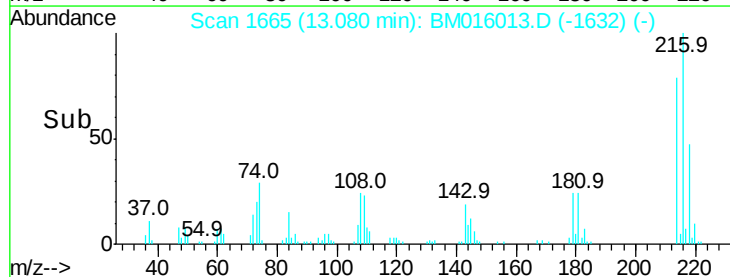
60000

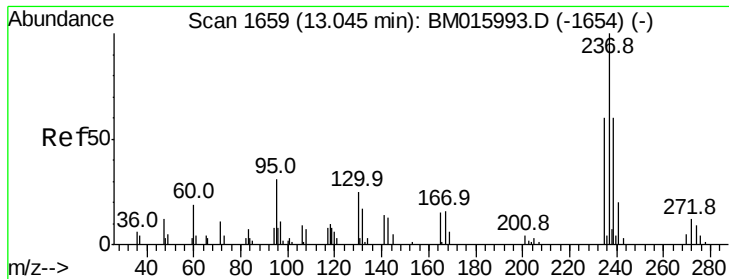
40000

20000

0

Time-->

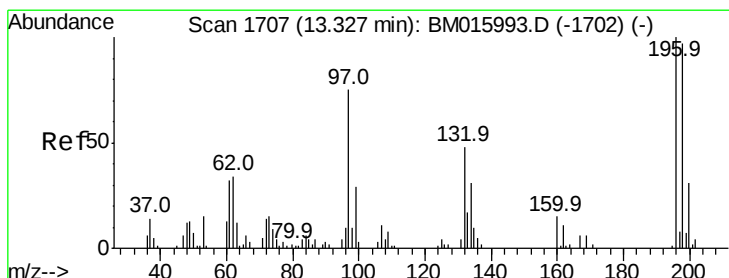
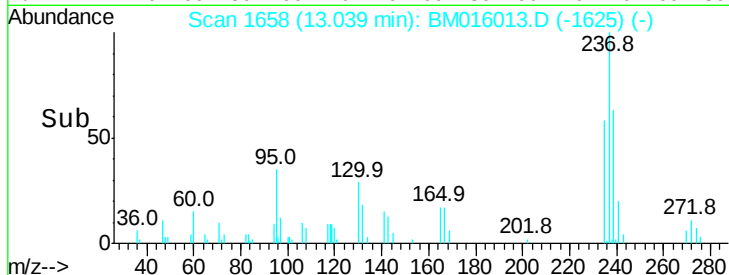
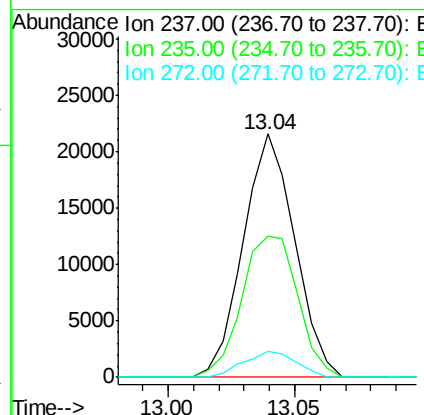
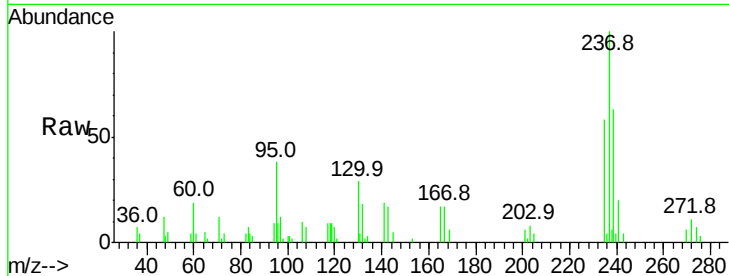




#37
Hexachlorocyclopentadiene
Concen: 14.052 ng/ul
RT: 13.04 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

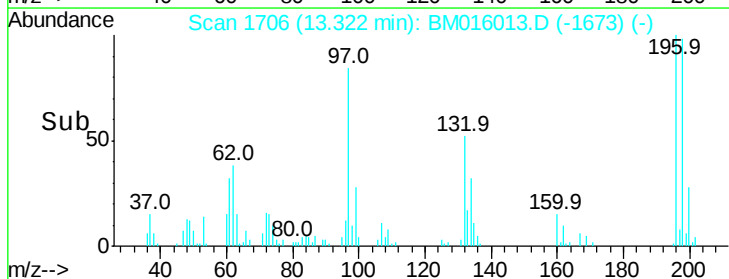
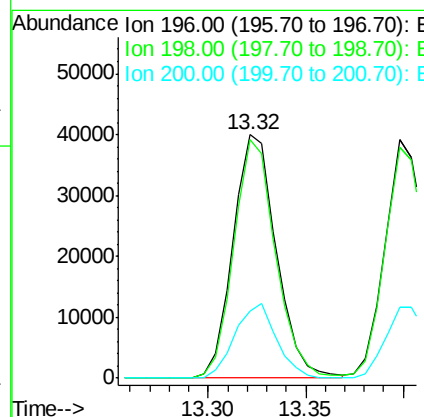
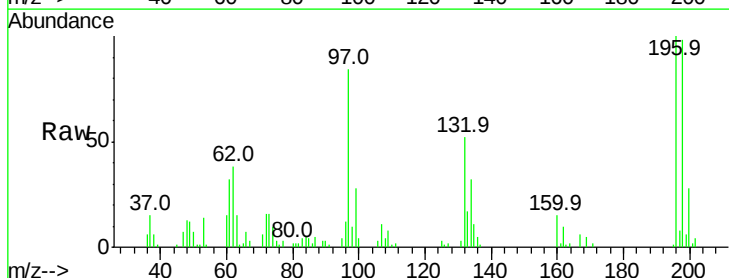
Instrument :
BNA_M
ClientSampled :

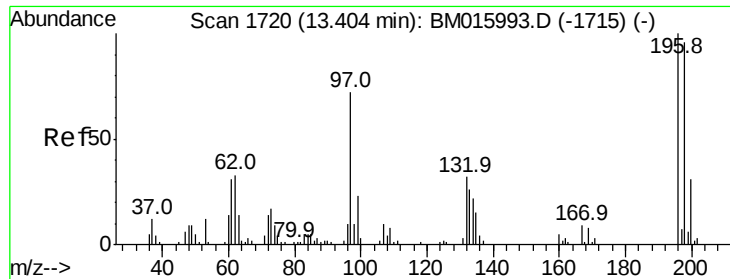
Tot Ion	Ratio	Lower	Upper
237	100		
235	58.1	50.4	75.6
272	10.7	9.6	14.4



#38
2,4,6-Trichlorophenol
Concen: 20.721 ng/ul
RT: 13.32 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.6	114.8
200	27.5	24.7	37.1

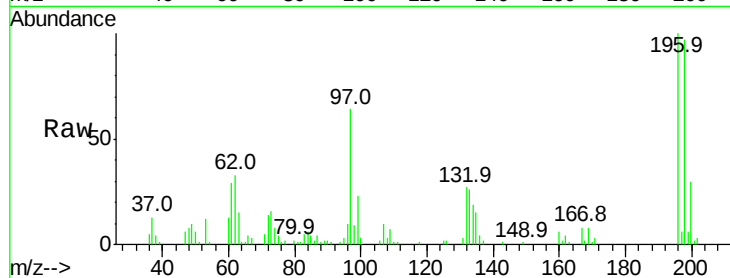




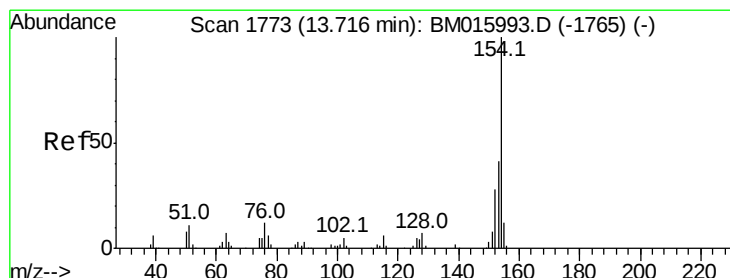
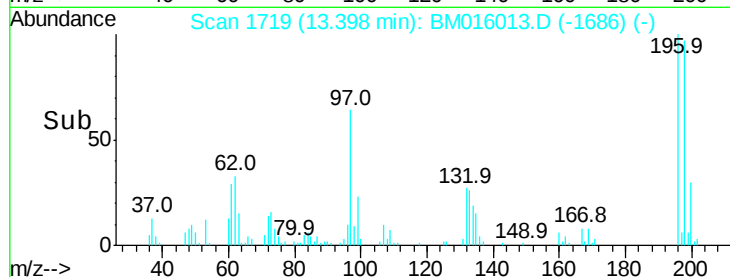
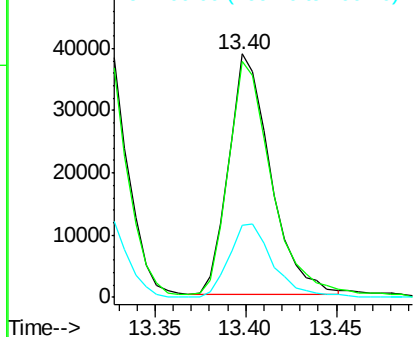
#39
 2,4,5-Trichlorophenol
 Concen: 19.615 ng/ul
 RT: 13.40 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 61716
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.9 115.3
 200 29.8 25.0 37.4

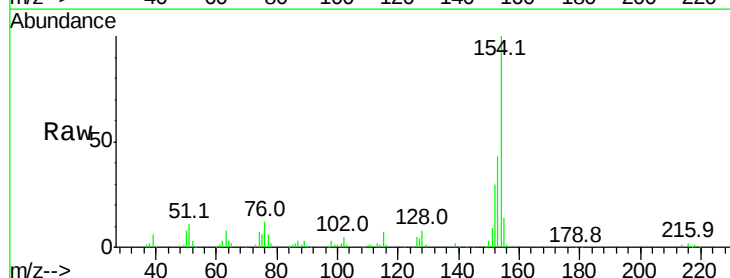


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

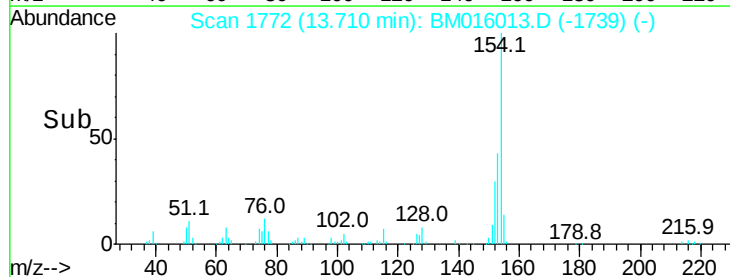
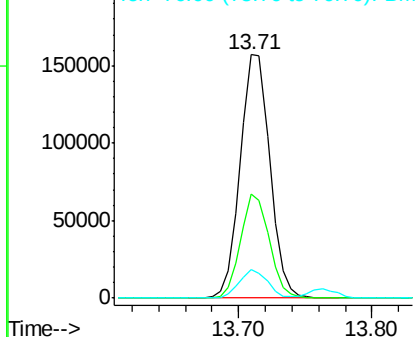


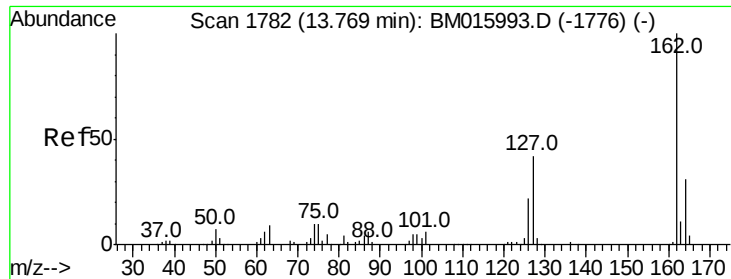
#40
 1,1'-Biphenyl
 Concen: 19.324 ng/ul
 RT: 13.71 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion:154 Resp: 241827
 Ion Ratio Lower Upper
 154 100
 153 42.5 32.1 48.1
 76 11.8 9.5 14.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

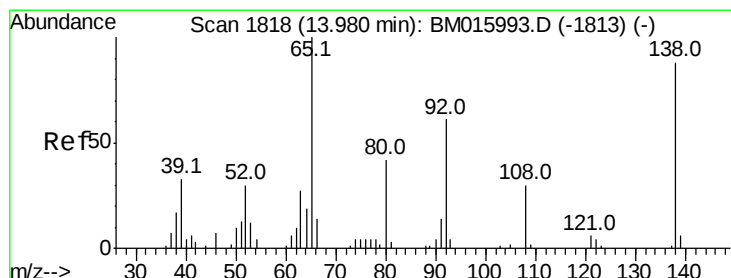
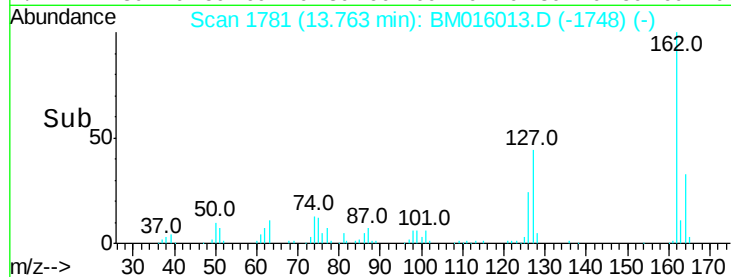
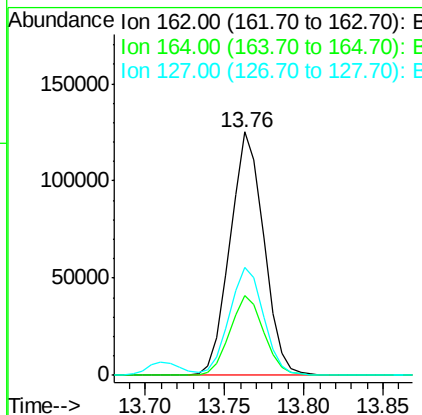
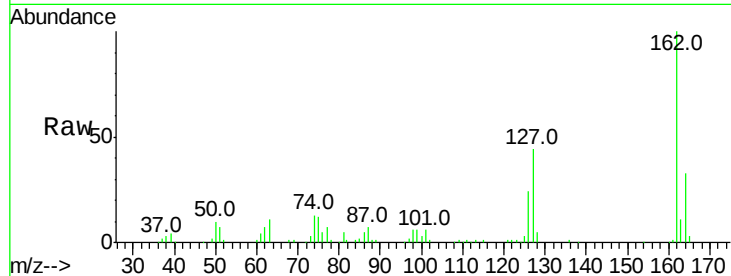




#41
 2-Chloronaphthalene
 Concen: 19.226 ng/ul
 RT: 13.76 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

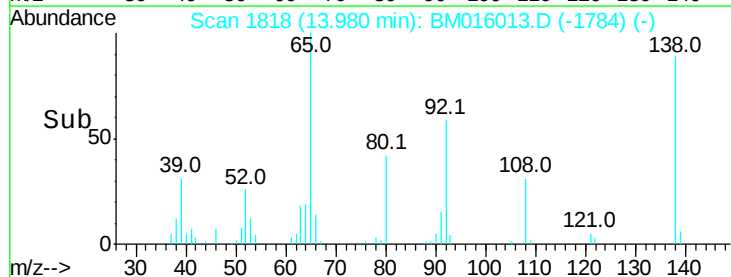
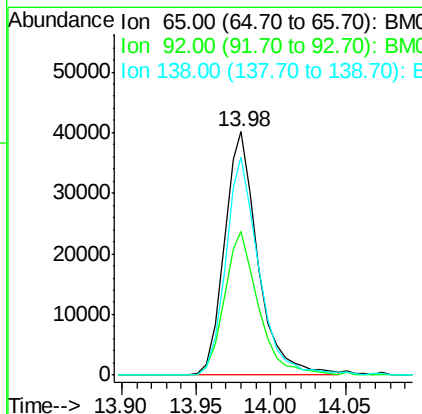
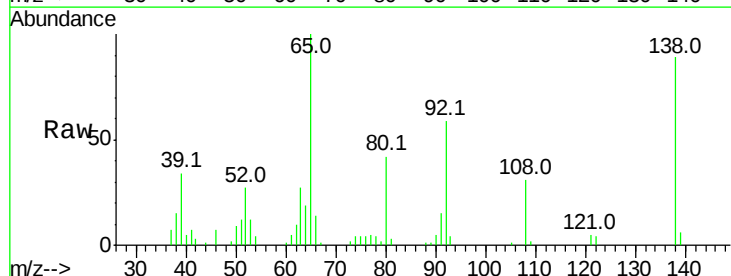
Instrument :
 BNA_M
 ClientSampleId :

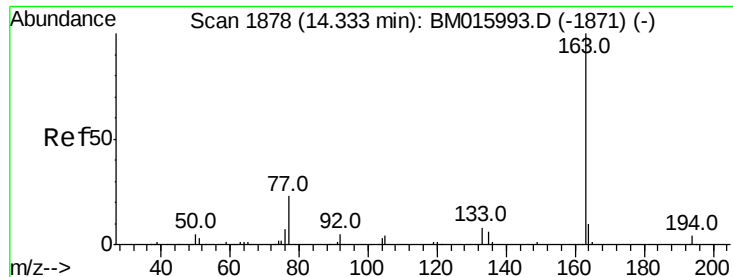
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.9	38.9
127	44.1	34.1	51.1



#42
 2-Nitroaniline
 Concen: 20.413 ng/ul
 RT: 13.98 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.8	60.4	90.6#
138	89.4	99.8	149.6#

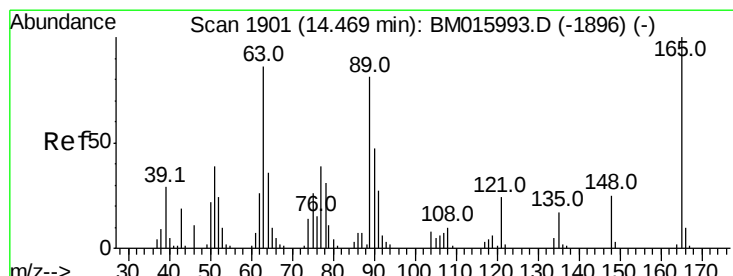
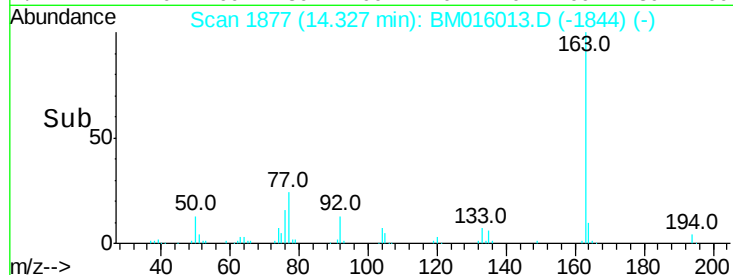
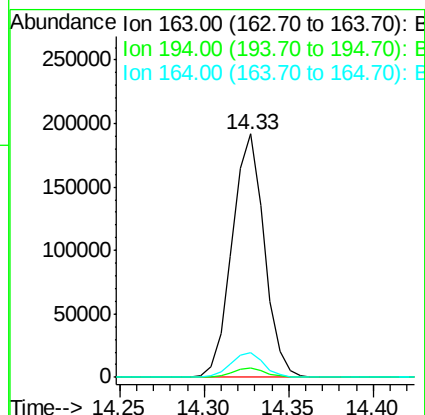
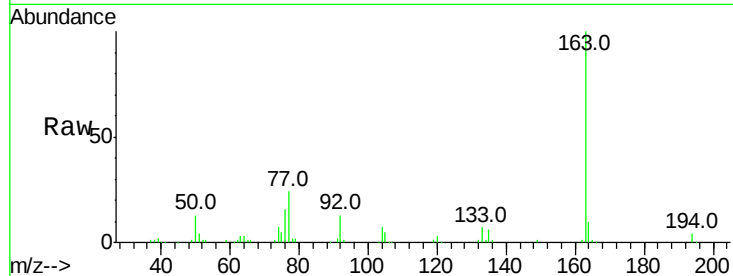




#44
Dimethylphthalate
Concen: 19.054 ng/ul
RT: 14.33 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

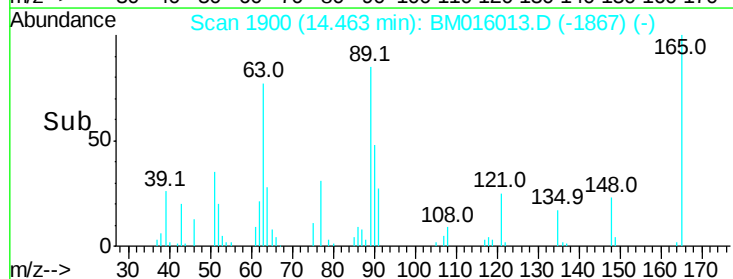
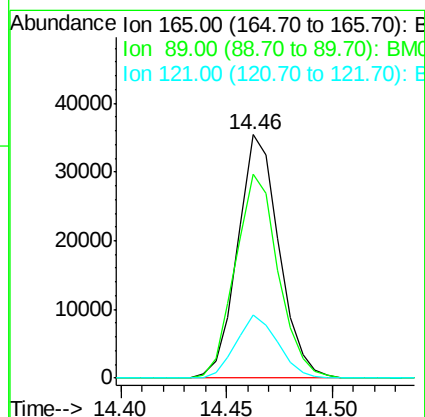
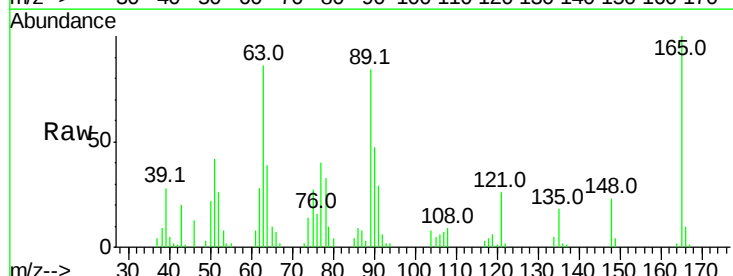
Instrument :
BNA_M
ClientSampled :

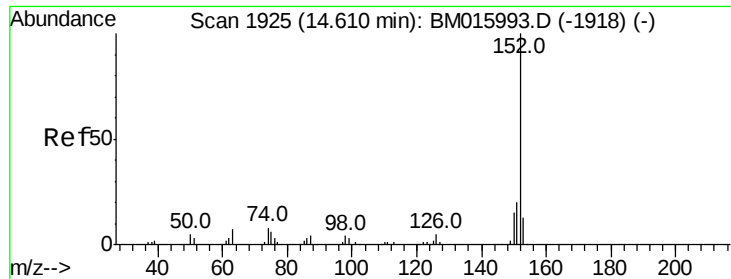
Tot Ion:163 Resp: 254180
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 7.8 11.8



#45
2,6-Dinitrotoluene
Concen: 20.220 ng/ul
RT: 14.46 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion:165 Resp: 48197
Ion Ratio Lower Upper
165 100
89 83.7 42.4 63.6#
121 26.1 16.6 24.8#

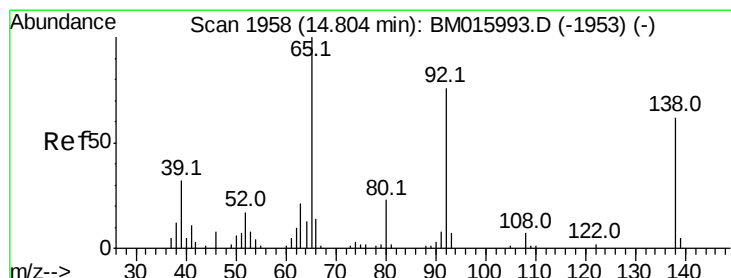
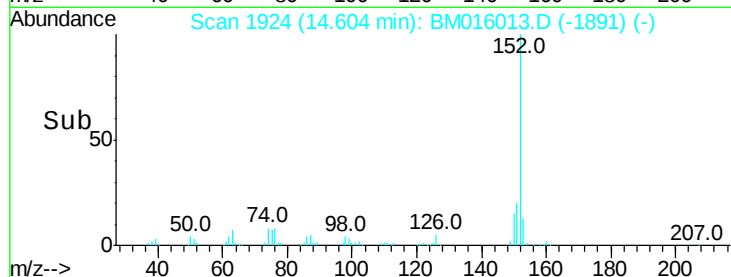
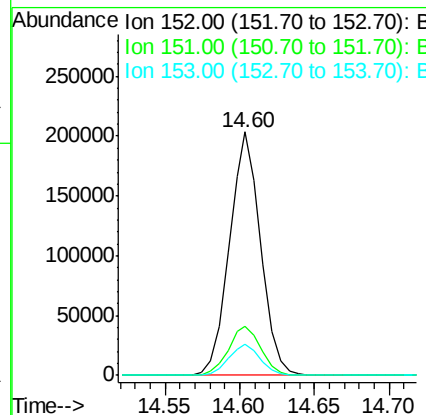
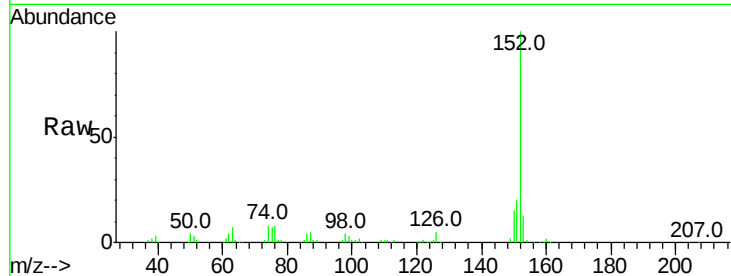




#47
Acenaphthylene
Concen: 19.689 ng/ul
RT: 14.60 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

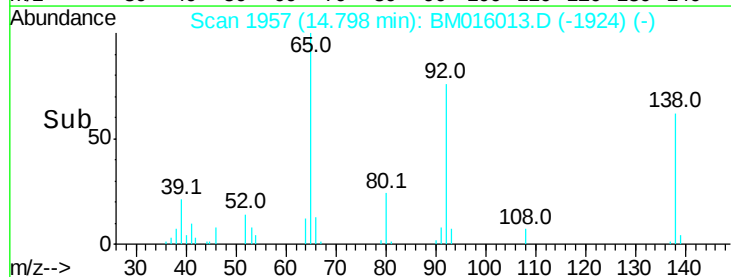
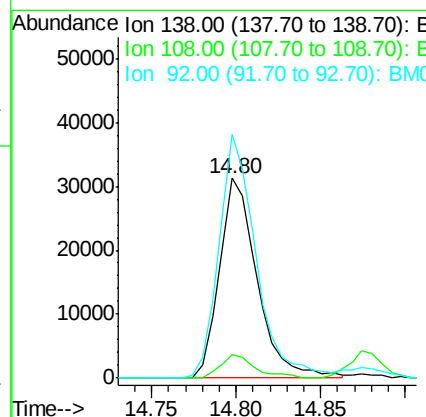
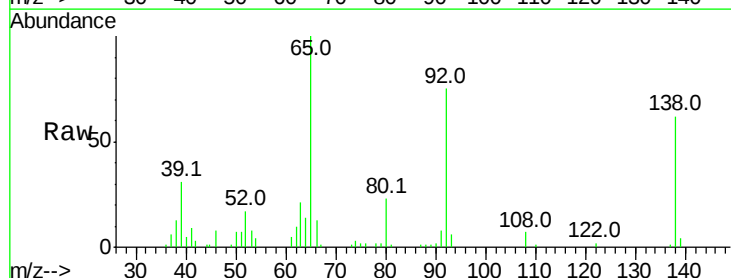
Instrument :
BNA_M
ClientSampleId :

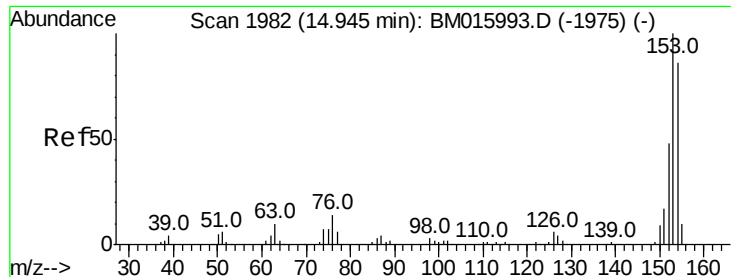
Tot Ion:152 Resp: 296243
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 10.5 15.7



#48
3-Nitroaniline
Concen: 19.846 ng/ul
RT: 14.80 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion:138 Resp: 48711
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 121.8 88.2 132.4





#49

Acenaphthene

Concen: 19.394 ng/ul

RT: 14.94 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

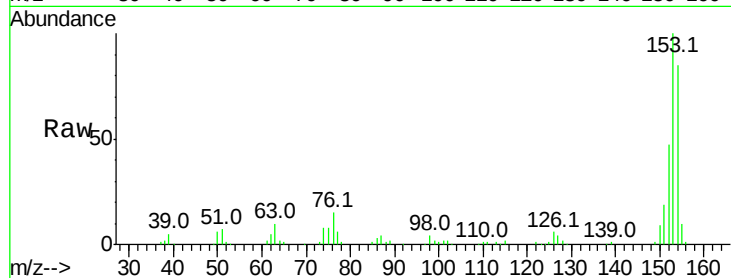
Tot Ion:153 Resp: 211937

Ion Ratio Lower Upper

153 100

152 47.1 38.3 57.5

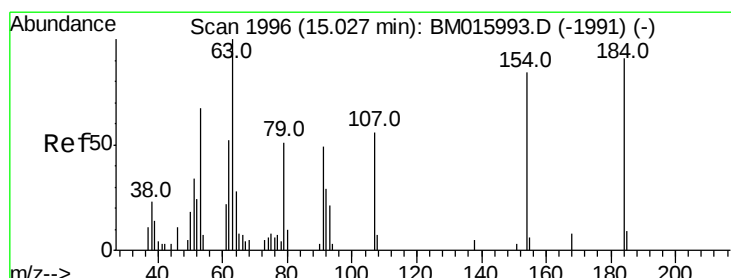
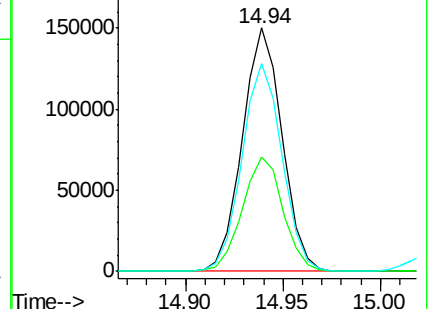
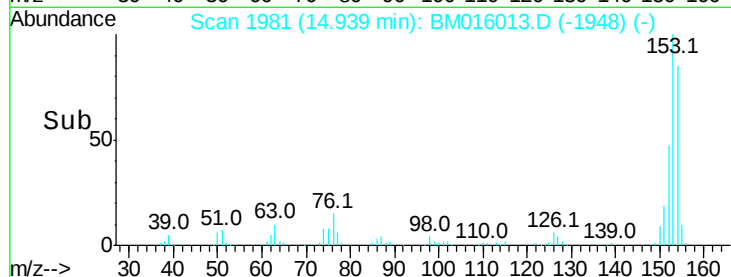
154 85.3 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 13.415 ng/ul

RT: 15.02 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

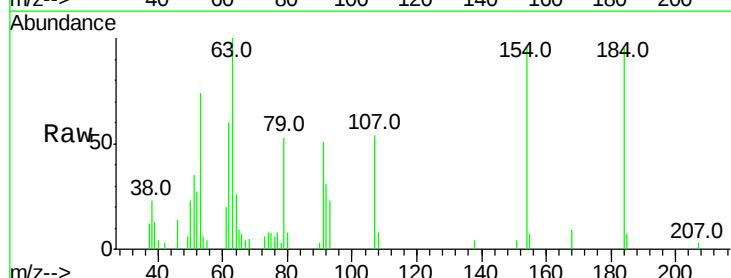
Tgt Ion:184 Resp: 17670

Ion Ratio Lower Upper

184 100

63 104.8 76.0 114.0

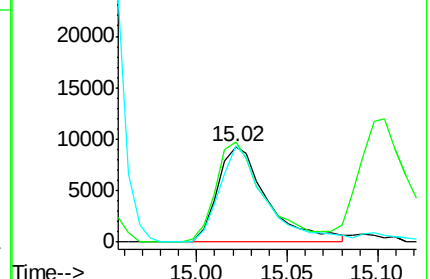
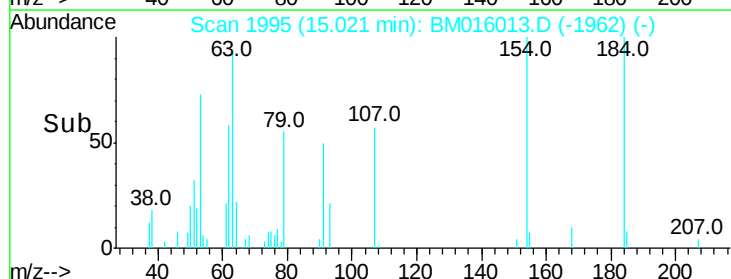
154 100.4 300.0 450.0#

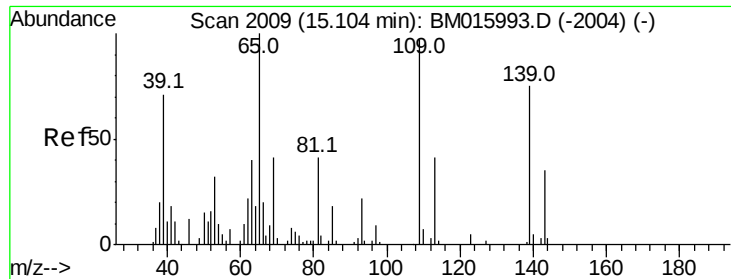


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.587 ng/ul

RT: 15.10 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

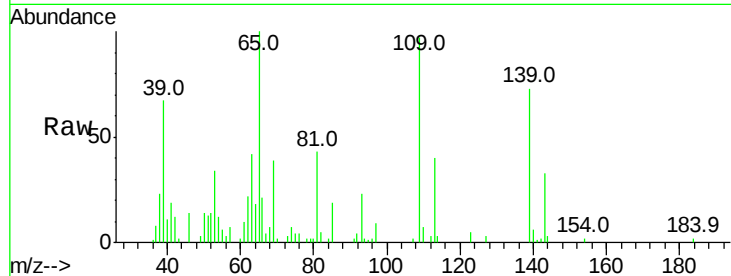
Tot Ion:109 Resp: 54500

Ion Ratio Lower Upper

109 100

139 76.1 103.7 155.5#

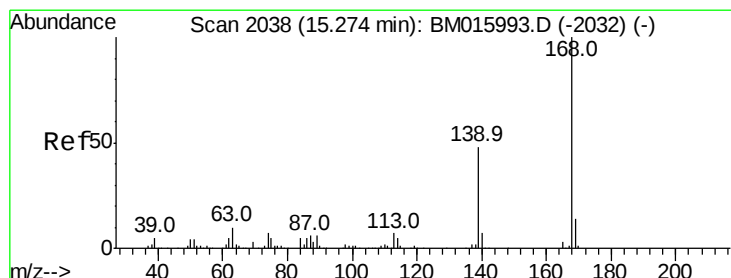
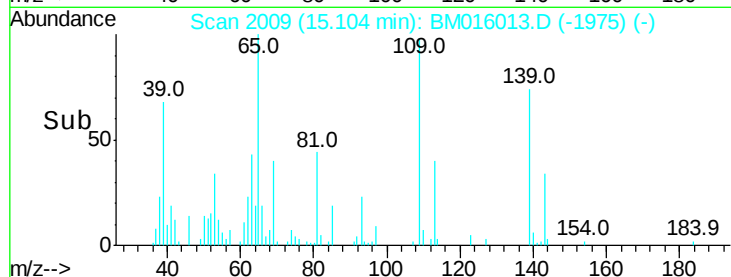
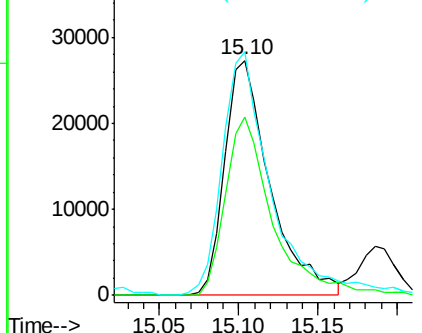
65 103.5 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.149 ng/ul

RT: 15.27 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BM016013.D

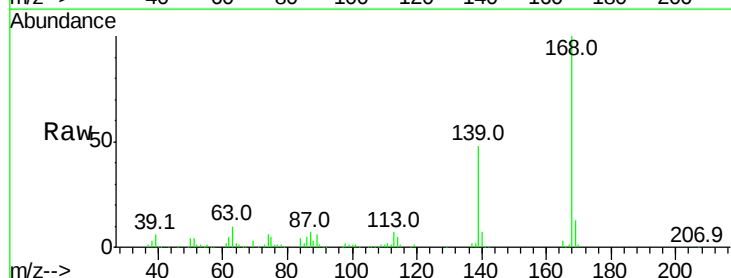
Acq: 20 Jul 2018 11:16

Tgt Ion:168 Resp: 298630

Ion Ratio Lower Upper

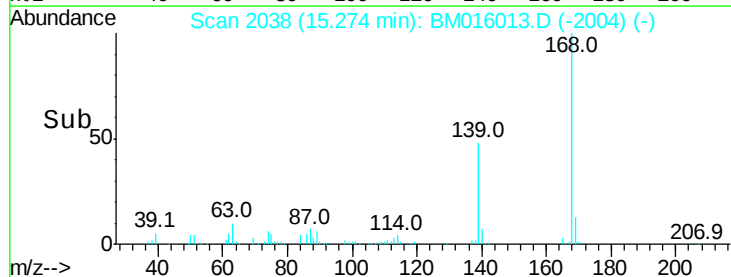
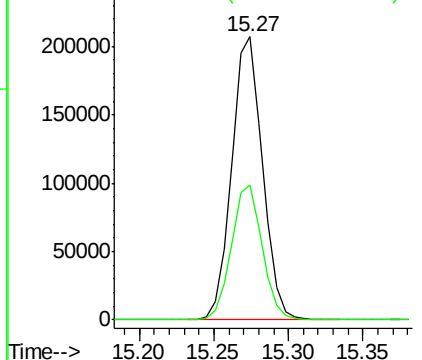
168 100

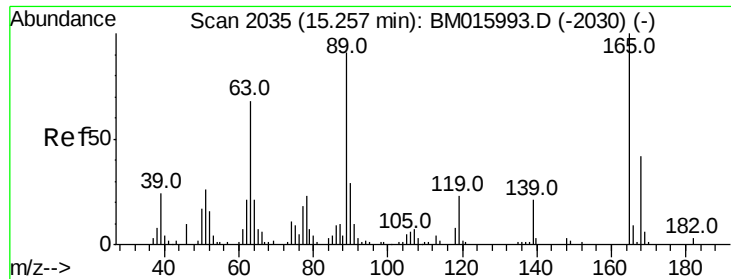
139 47.7 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

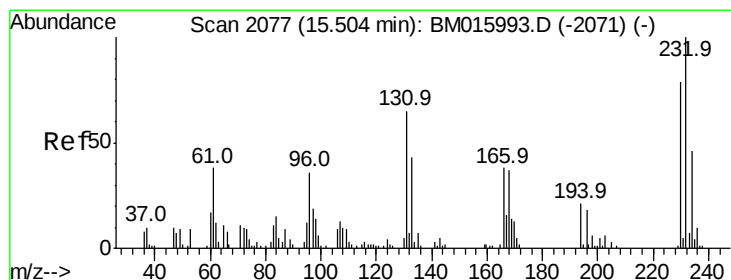
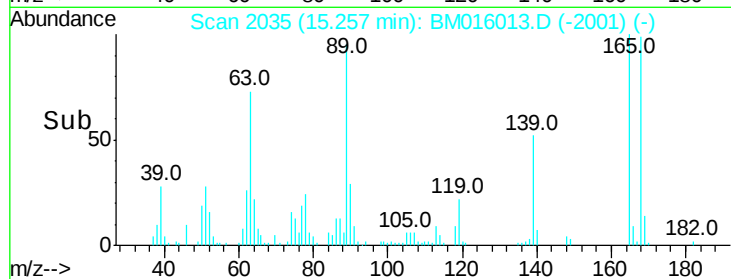
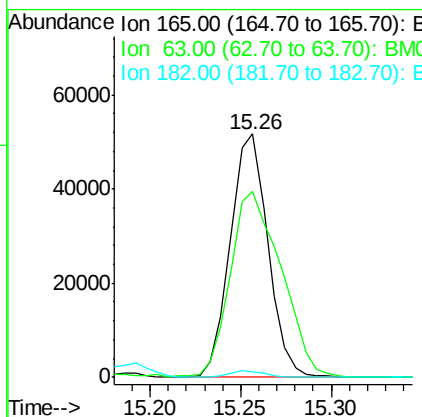
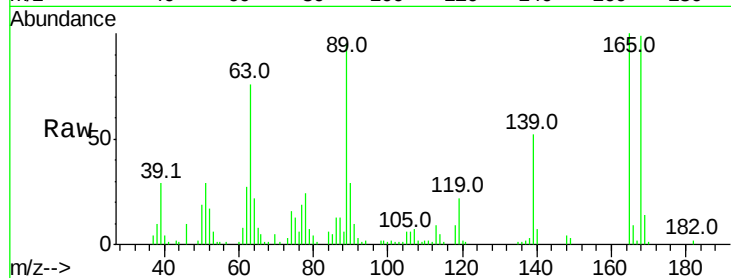




#54
 2,4-Dinitrotoluene
 Concen: 19.533 ng/ul
 RT: 15.26 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

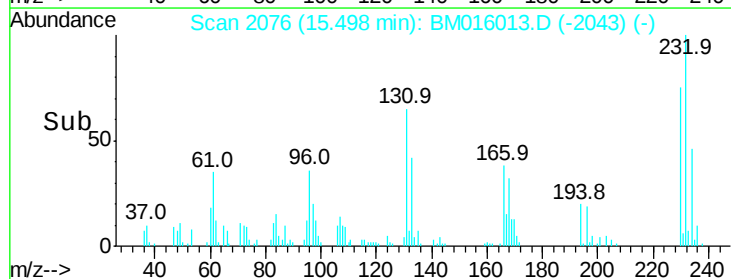
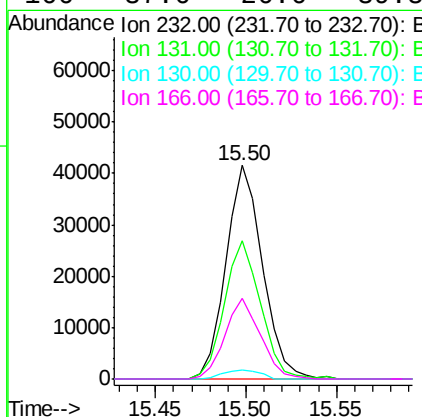
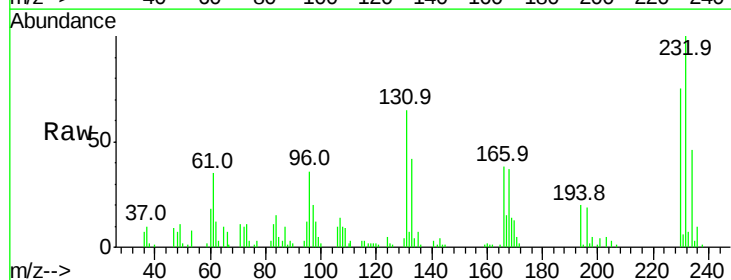
Instrument :
 BNA_M
 ClientSampled :

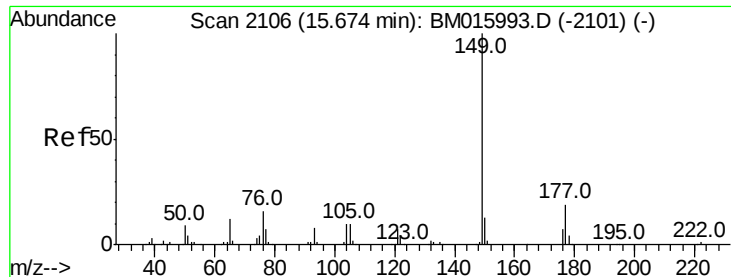
Tot Ion:165 Resp: 74727
 Ion Ratio Lower Upper
 165 100
 63 76.4 29.8 44.6#
 182 2.1 2.2 3.4#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.356 ng/ul
 RT: 15.50 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion:232 Resp: 58345
 Ion Ratio Lower Upper
 232 100
 131 64.9 39.4 59.2#
 130 4.1 2.2 3.2#
 166 37.6 26.6 39.8

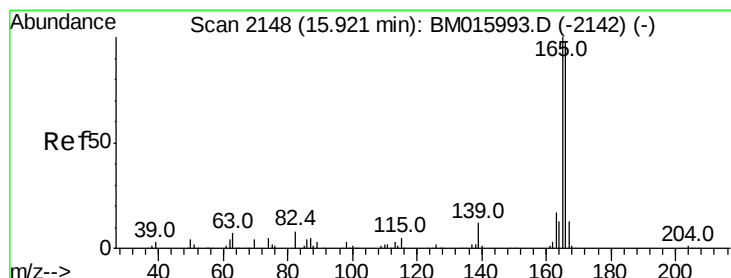
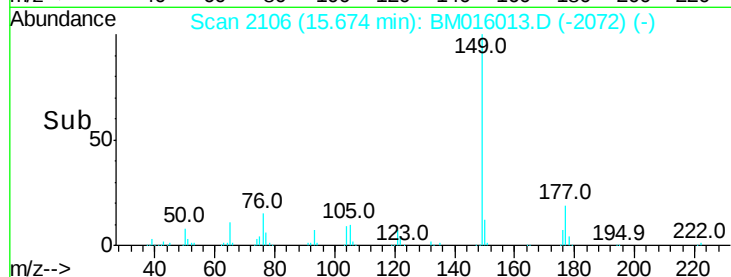
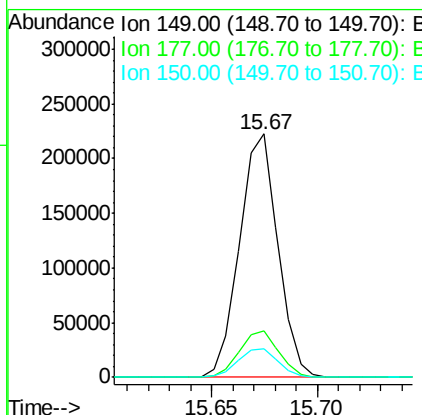
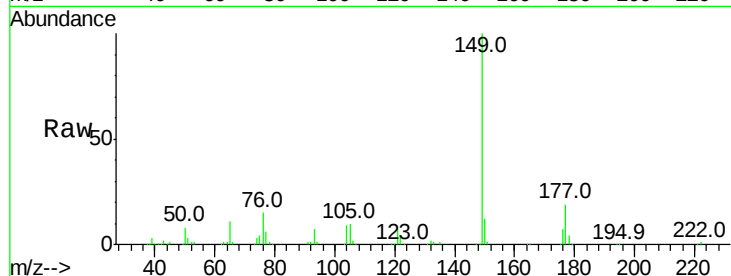




#56
Diethylphthalate
Concen: 19.377 ng/ul
RT: 15.67 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

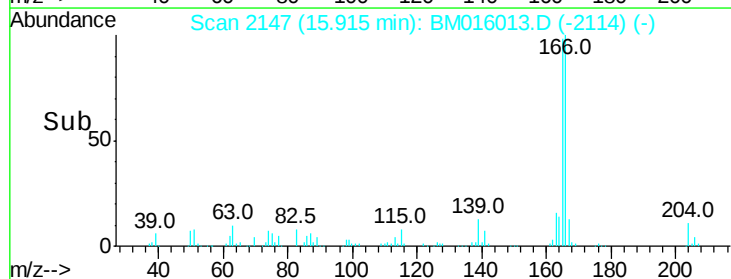
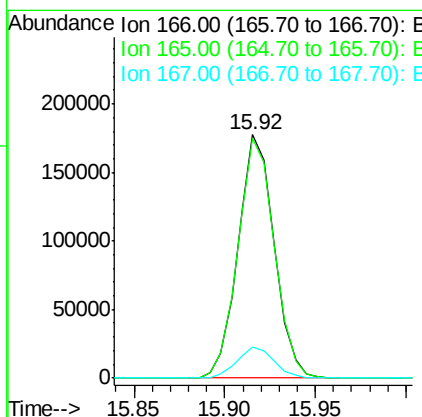
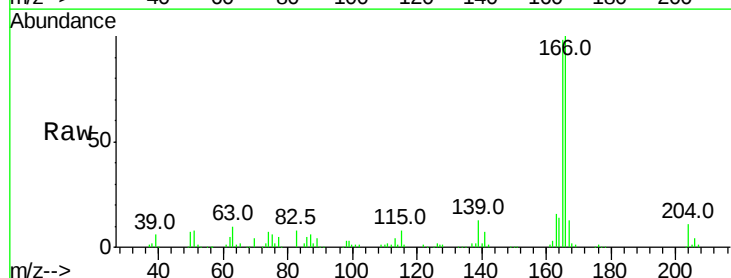
Instrument :
BNA_M
ClientSampleId :

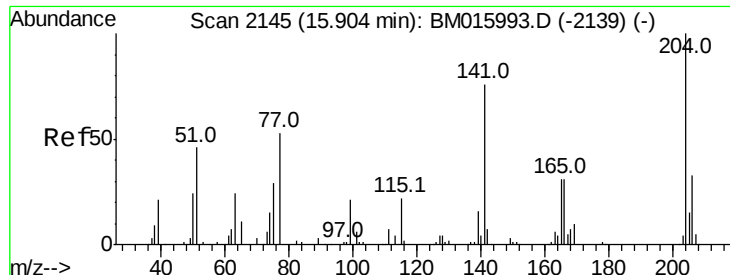
Tot Ion:149 Resp: 280957
Ion Ratio Lower Upper
149 100
177 18.9 17.4 26.2
150 11.8 10.0 15.0



#58
Fluorene
Concen: 19.415 ng/ul
RT: 15.92 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion:166 Resp: 245309
Ion Ratio Lower Upper
166 100
165 98.5 78.5 117.7
167 12.6 10.7 16.1

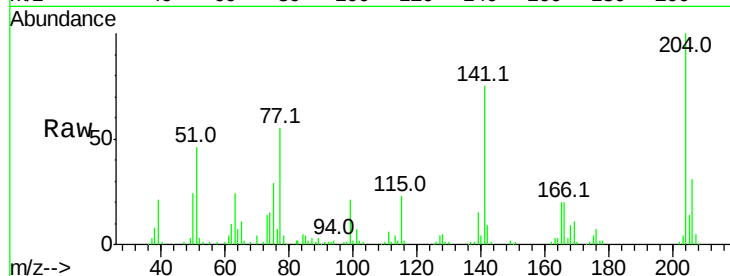




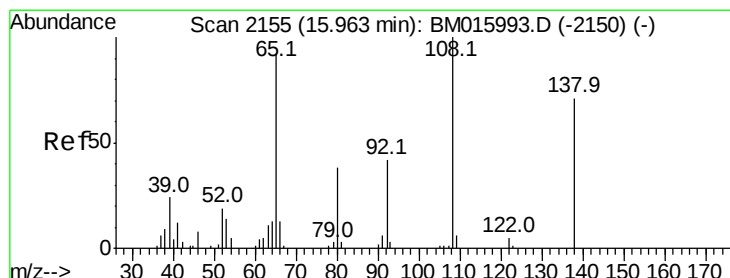
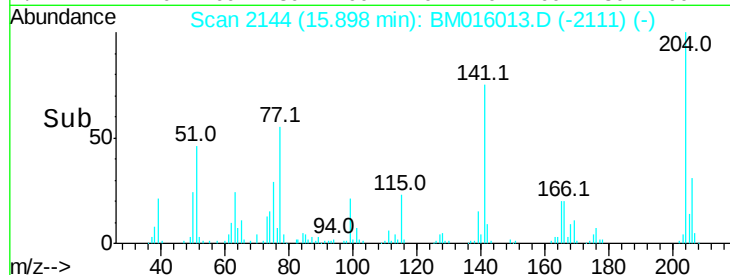
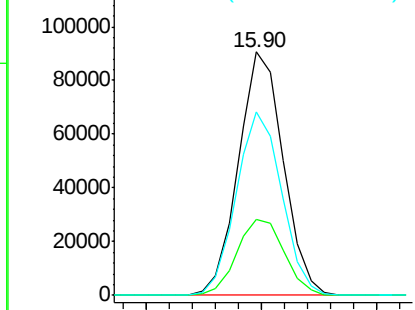
#59
 4-Chlorophenyl-phenylether
 Concen: 19.507 ng/ul
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 122831
 Ion Ratio Lower Upper
 204 100
 206 31.2 26.2 39.4
 141 75.5 54.6 81.8

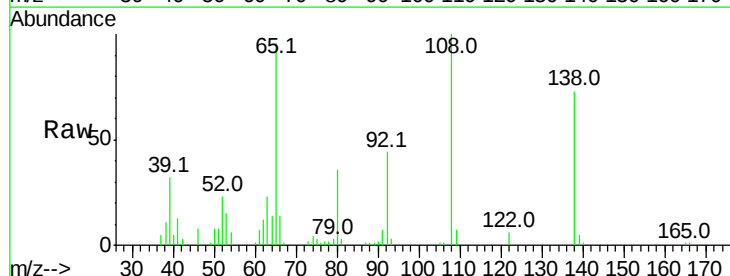


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

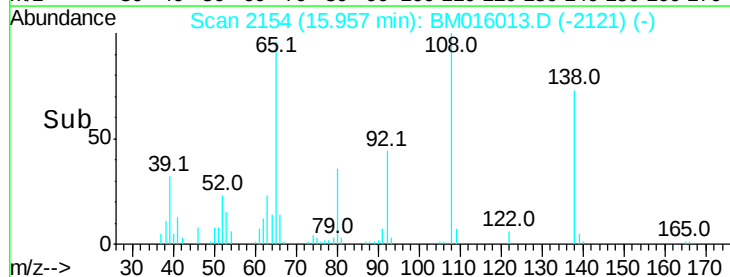
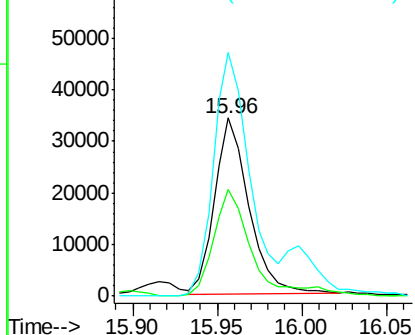


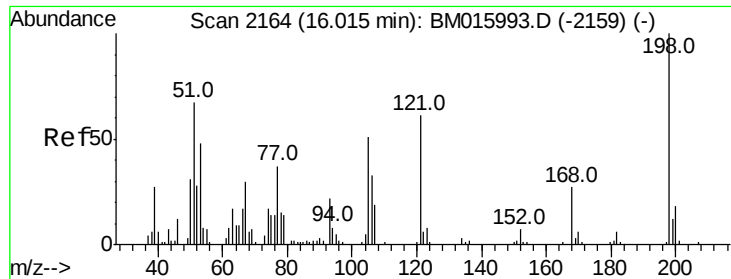
#60
 4-Nitroaniline
 Concen: 18.016 ng/ul
 RT: 15.96 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion:138 Resp: 48502
 Ion Ratio Lower Upper
 138 100
 92 60.2 40.6 60.8
 108 137.0 67.0 100.6#



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

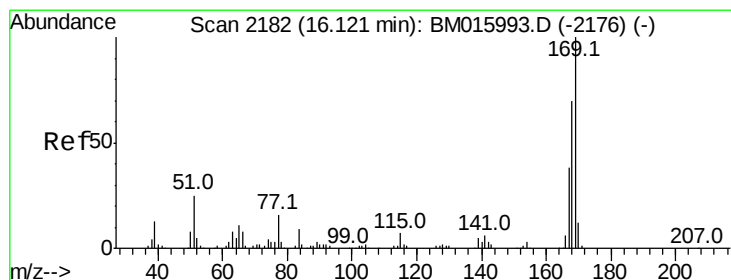
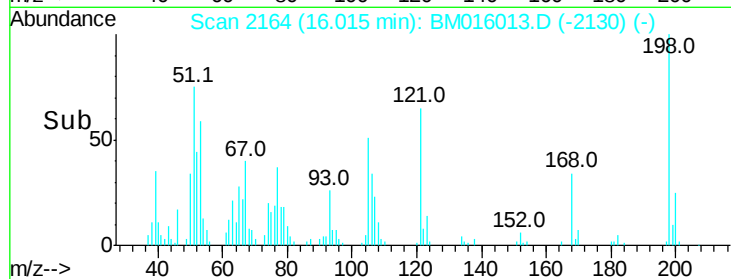
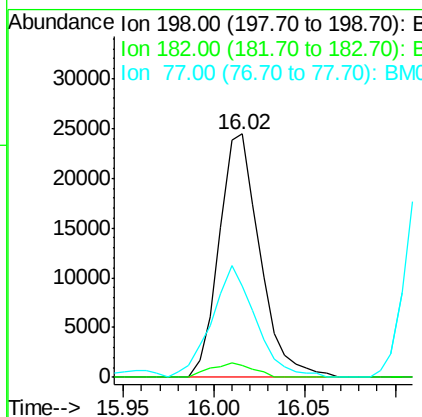
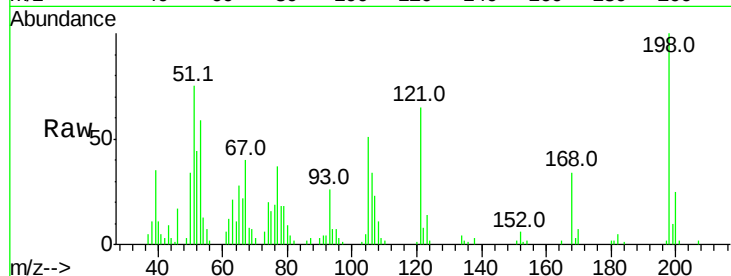




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.306 ng/ul
 RT: 16.02 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

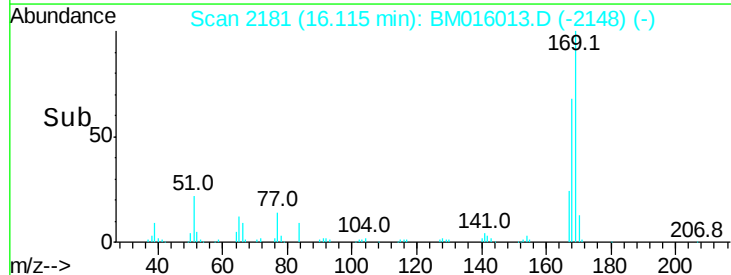
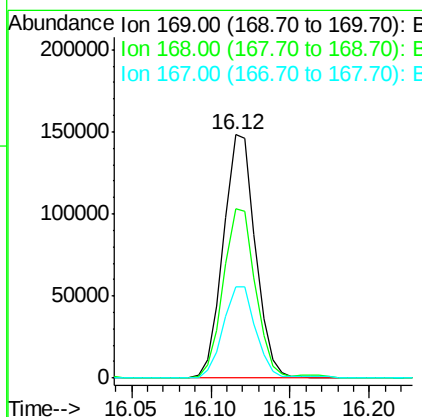
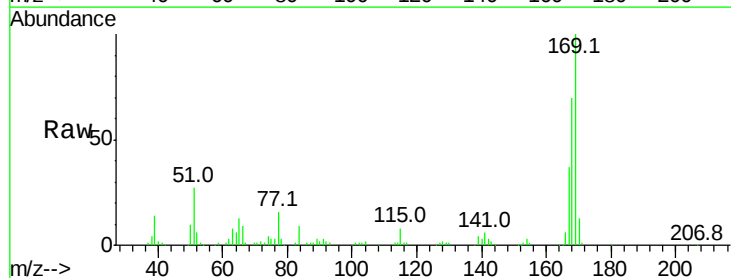
Instrument :
 BNA_M
 ClientSampleId :

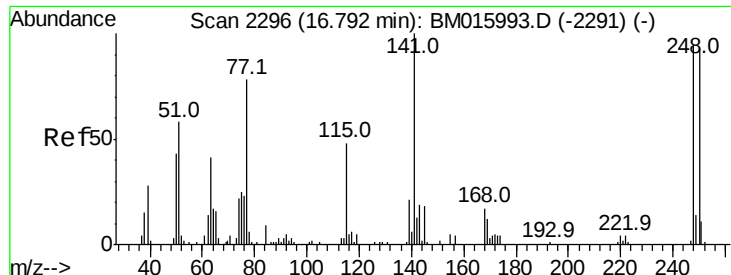
Tot Ion:198 Resp: 38324
 Ion Ratio Lower Upper
 198 100
 182 4.8 3.1 4.7#
 77 37.2 20.1 30.1#



#64
 N-Nitrosodiphenylamine
 Concen: 19.571 ng/ul
 RT: 16.12 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion:169 Resp: 208459
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.8 80.8
 167 37.3 29.3 43.9

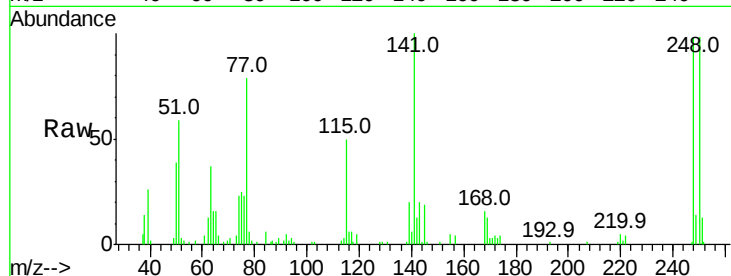




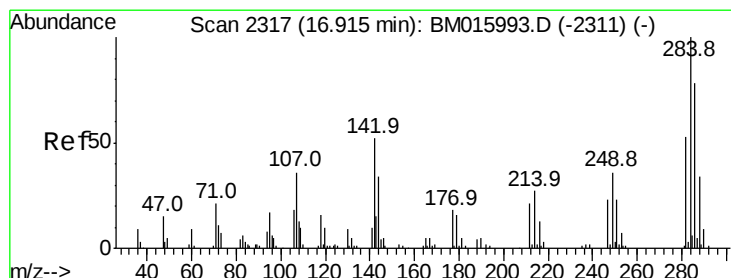
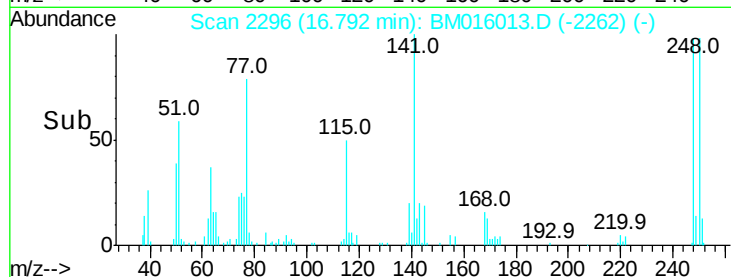
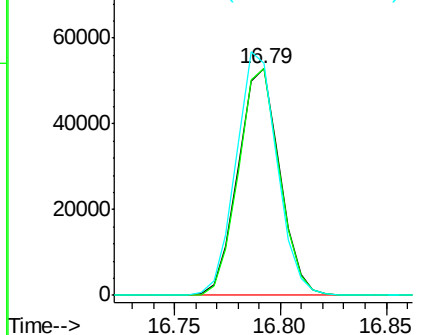
#65
4-Bromophenyl-phenylether
Concen: 19.526 ng/ul
RT: 16.79 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 72362
Ion Ratio Lower Upper
248 100
250 100.2 78.7 118.1
141 102.5 72.2 108.2

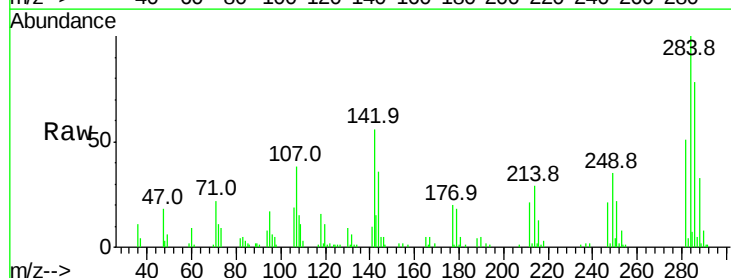


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

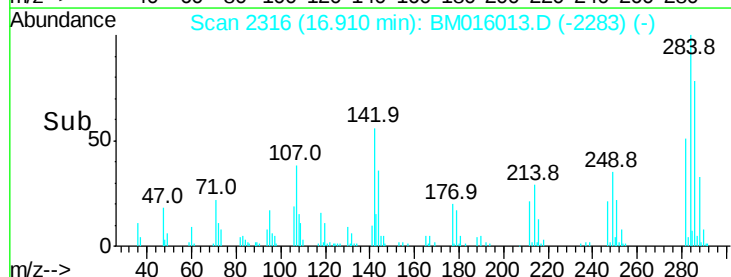
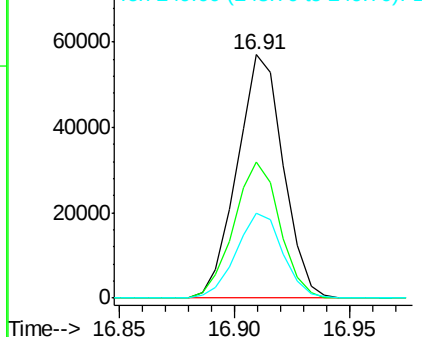


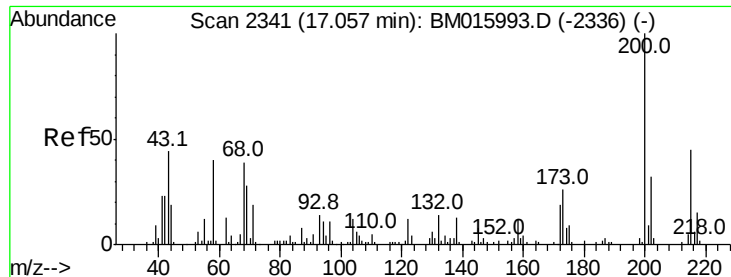
#66
Hexachlorobenzene
Concen: 19.206 ng/ul
RT: 16.91 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BM016013.D
Acq: 20 Jul 2018 11:16

Tgt Ion:284 Resp: 79469
Ion Ratio Lower Upper
284 100
142 55.9 33.1 49.7#
249 34.9 27.1 40.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

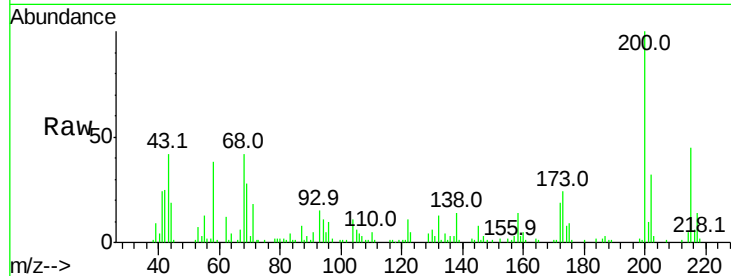




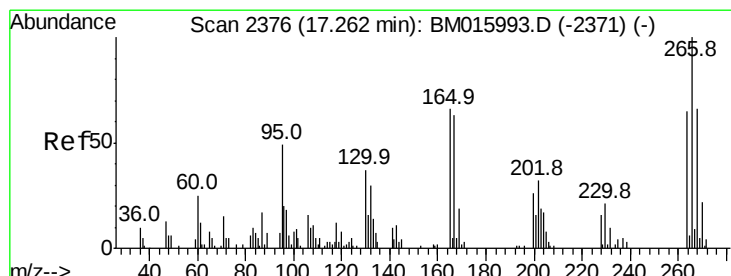
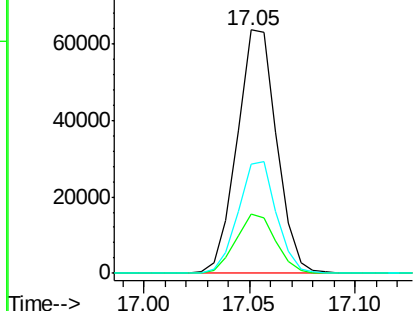
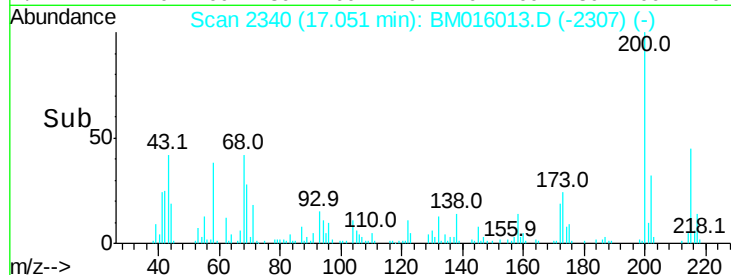
#67
 Atrazine
 Concen: 19.503 ng/ul
 RT: 17.05 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	21.6	32.4
215	44.8	37.0	55.4

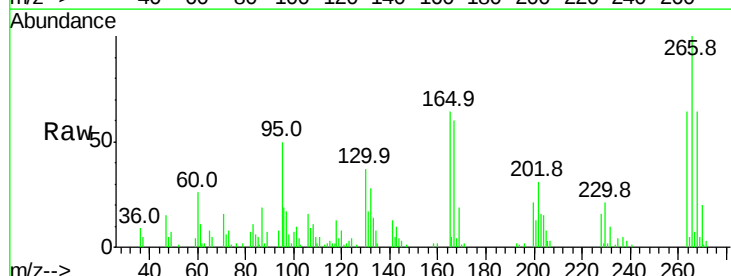


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

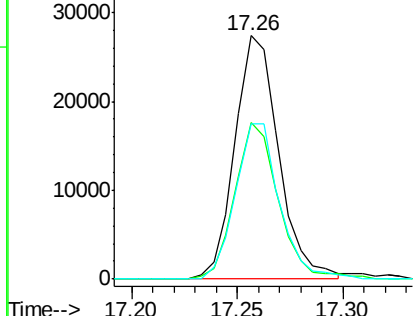
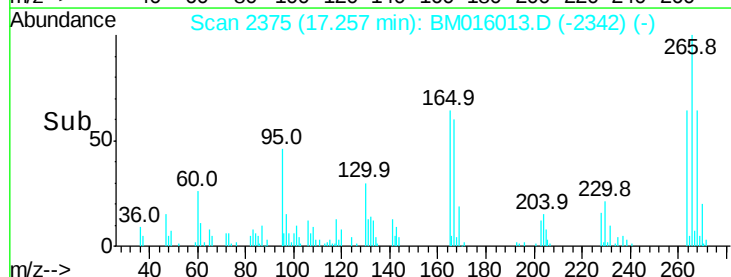


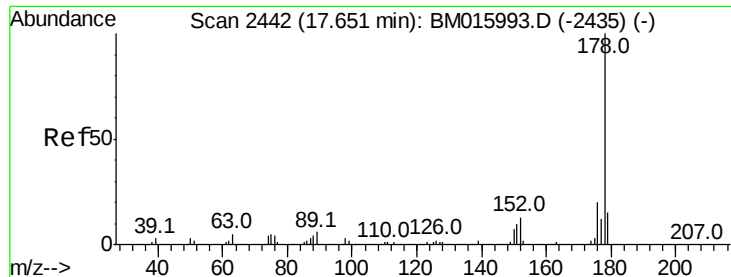
#68
 Pentachlorophenol
 Concen: 17.763 ng/ul
 RT: 17.26 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.5	75.7
268	63.9	50.9	76.3



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





#69

Phenanthrene

Concen: 19.951 ng/ul

RT: 17.74 min Scan# 2457

Delta R.T. 0.09 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

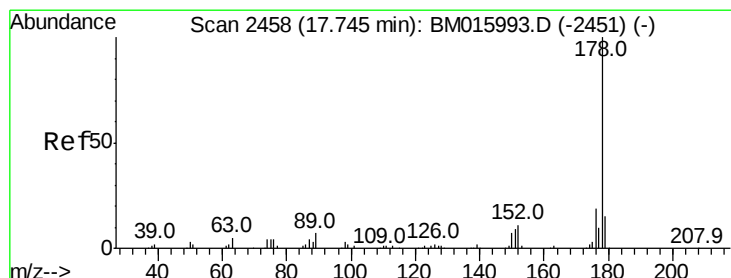
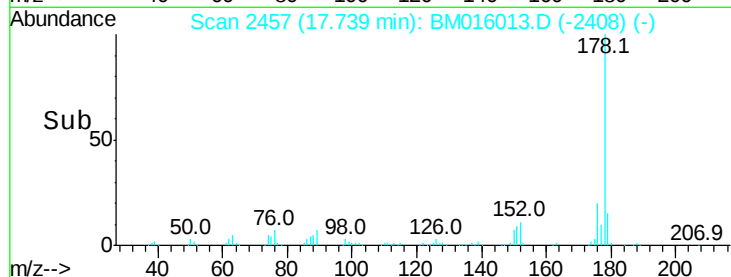
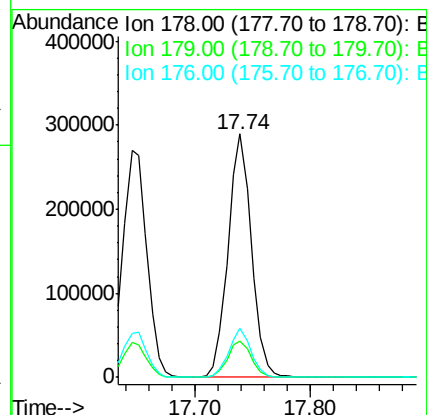
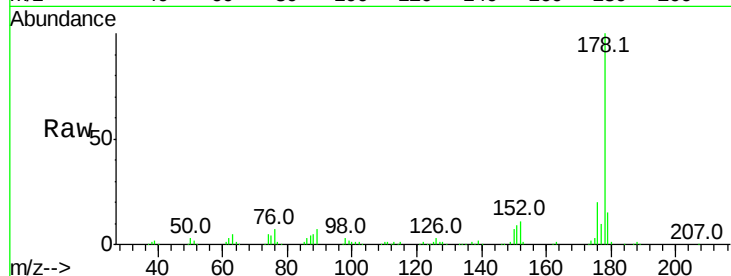
Tot Ion:178 Resp: 405606

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 20.1 15.6 23.4



#71

Anthracene

Concen: 19.349 ng/ul

RT: 17.74 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

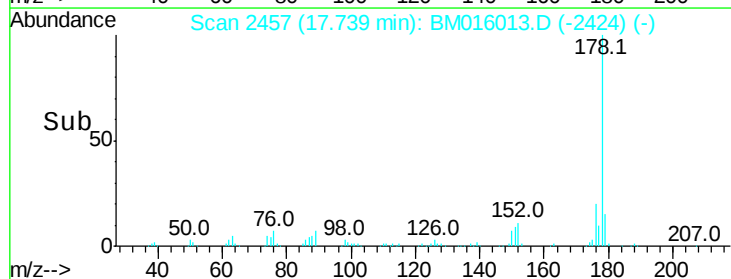
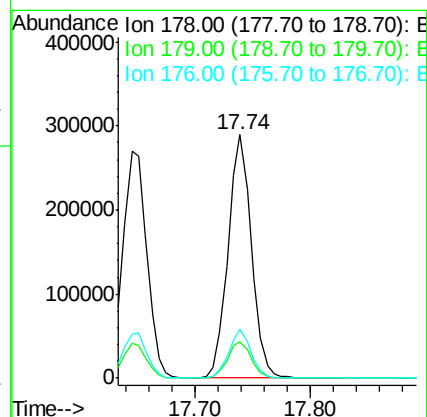
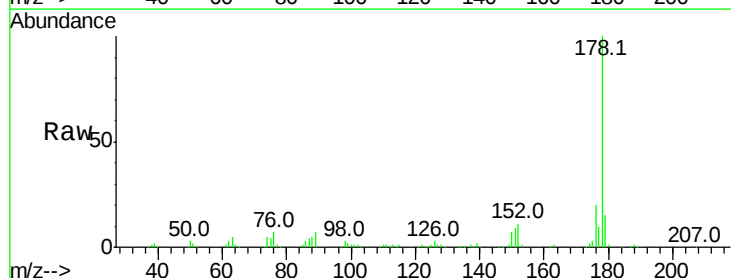
Tgt Ion:178 Resp: 405606

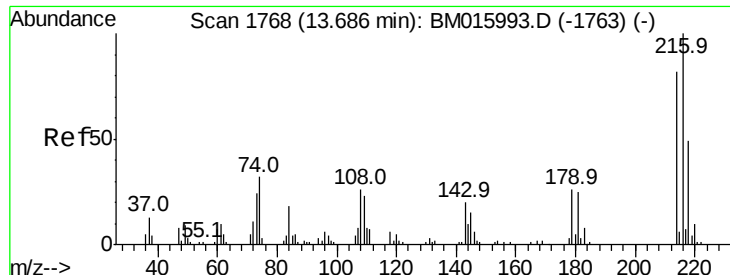
Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 20.1 14.8 22.2

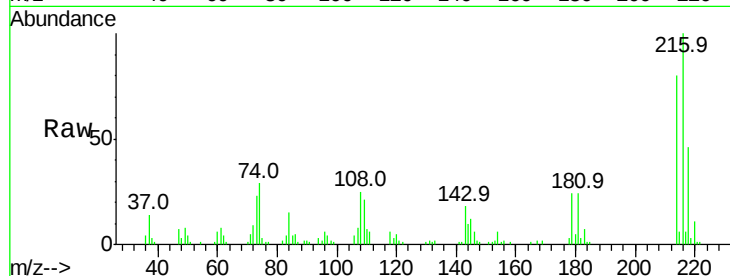




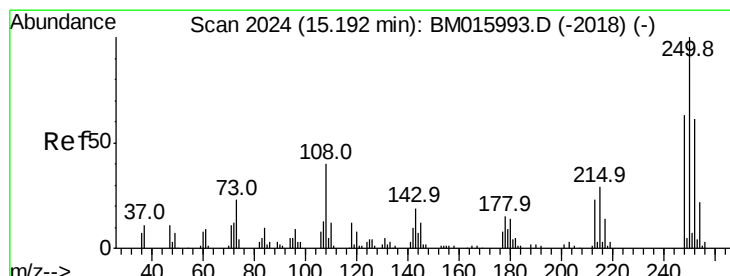
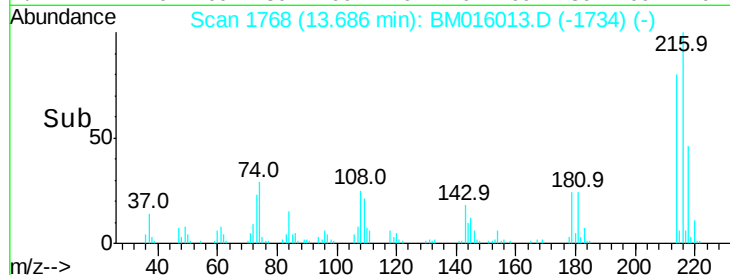
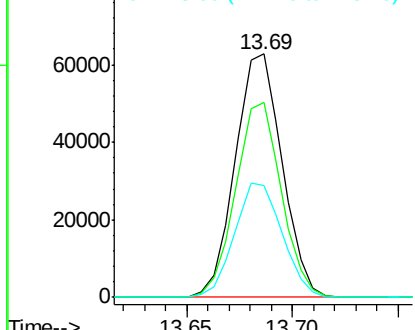
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 20.110 ng/uL
 RT: 13.69 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.5	93.7
218	45.7	38.4	57.6

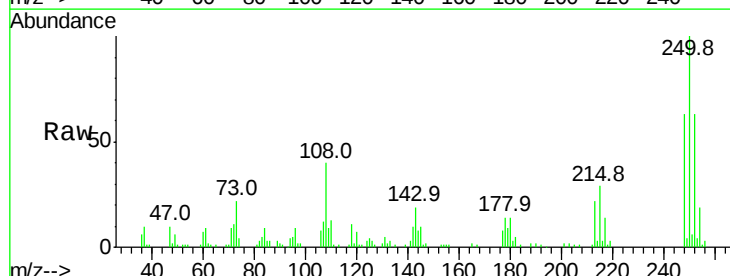


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

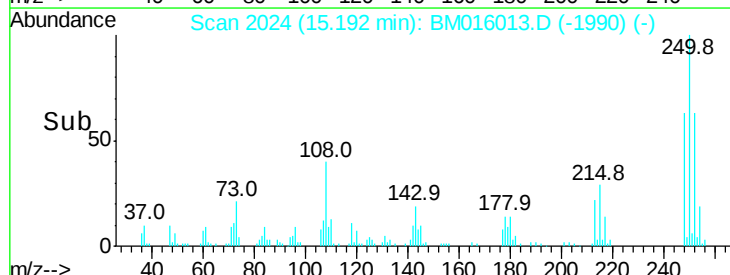
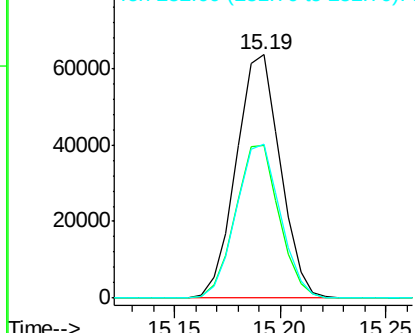


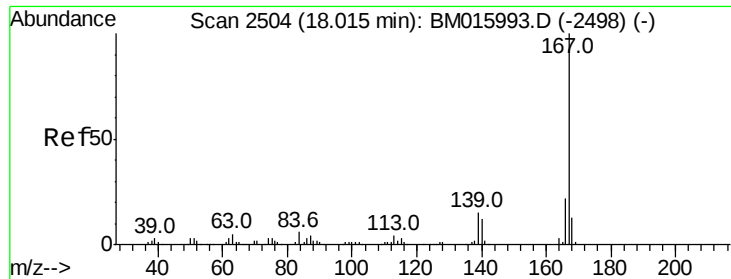
#73
 Pentachlorobenzene
 Concen: 19.585 ng/uL
 RT: 15.19 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.8	50.6	75.8
252	63.2	51.4	77.0



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 18.794 ng/ul

RT: 18.01 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

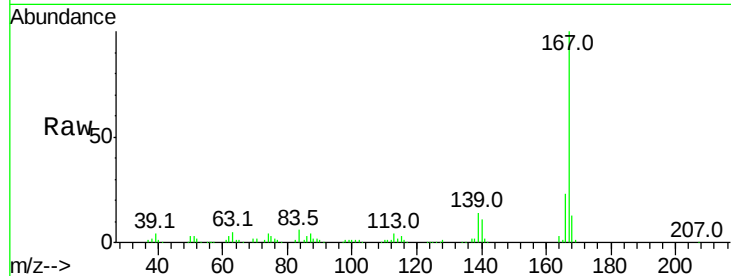
Tot Ion:167 Resp: 357054

Ion Ratio Lower Upper

167 100

166 22.8 17.0 25.6

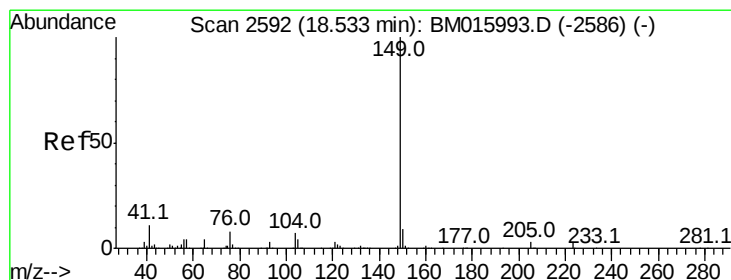
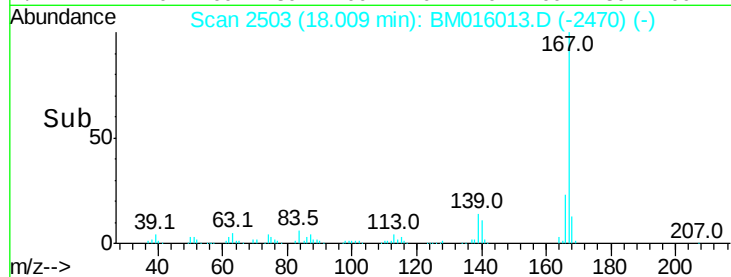
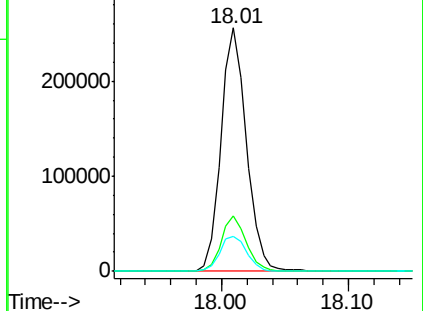
139 14.3 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 20.025 ng/ul

RT: 18.53 min Scan# 2591

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

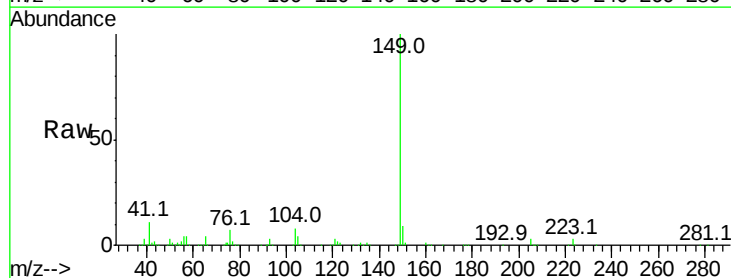
Tgt Ion:149 Resp: 486067

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

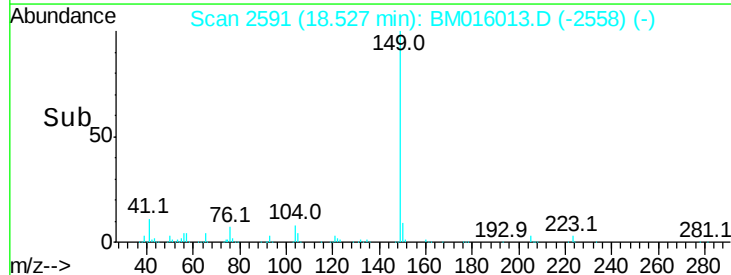
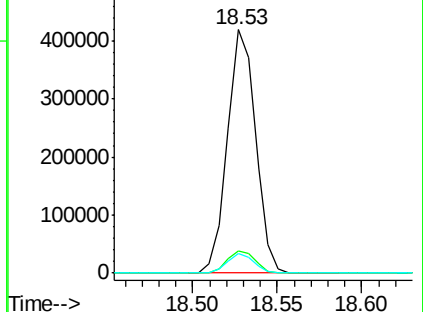
104 7.9 4.0 6.0#

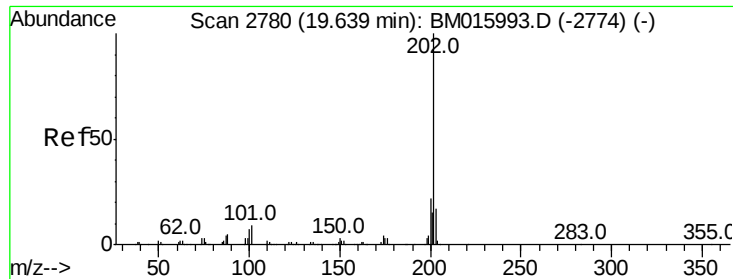


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

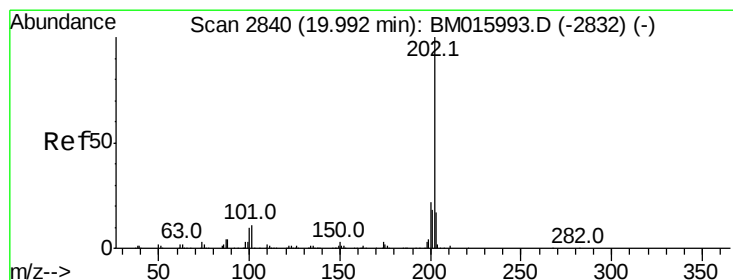
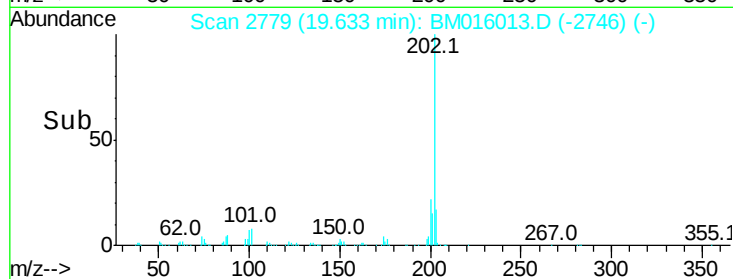
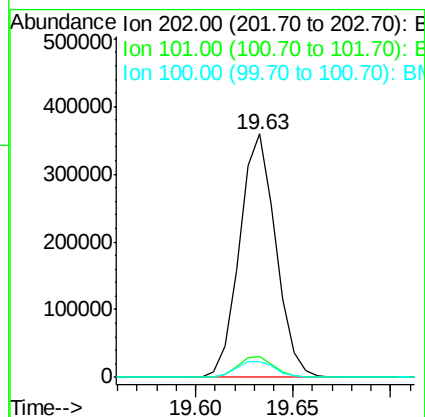
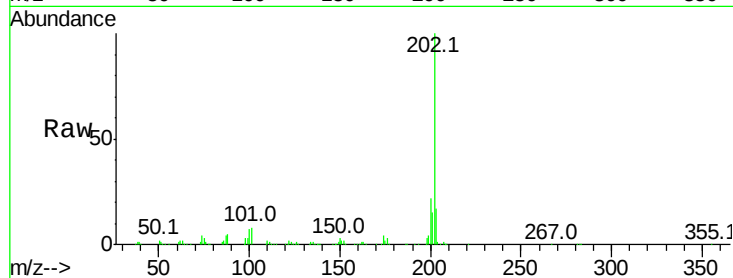




#76
 Fluoranthene
 Concen: 18.062 ng/ul
 RT: 19.63 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

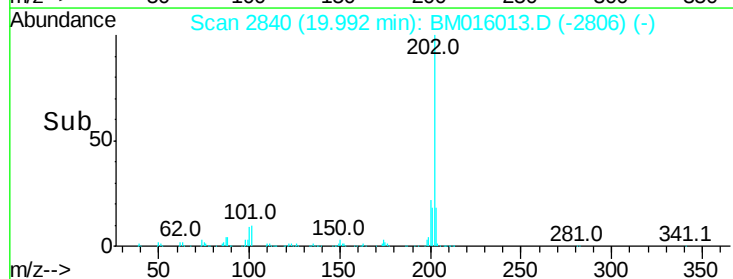
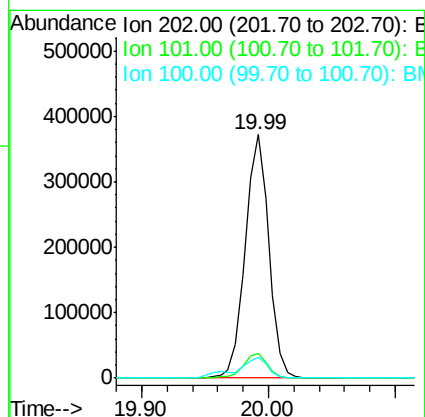
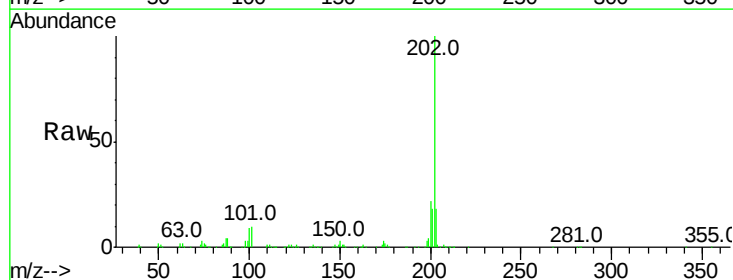
Instrument :
 BNA_M
 ClientSampleId :

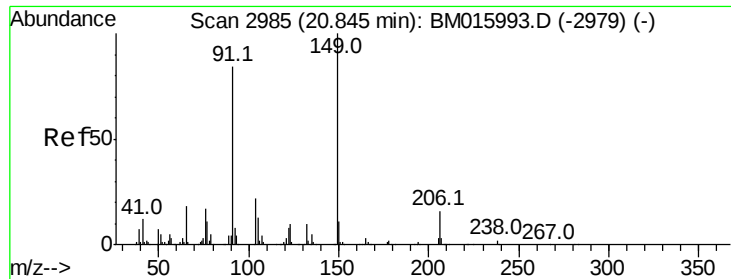
Tot Ion:	202	Resp:	460864
Ion Ratio	Lower	Upper	
202	100		
101	8.3	8.8	13.2#
100	6.7	6.6	9.8



#79
 Pyrene
 Concen: 20.160 ng/ul
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion:	202	Resp:	479370
Ion Ratio	Lower	Upper	
202	100		
101	10.3	10.2	15.2
100	8.6	8.5	12.7

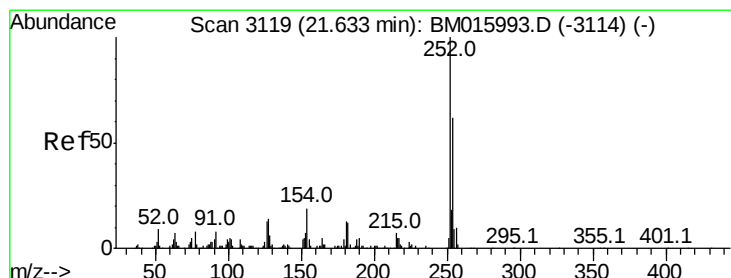
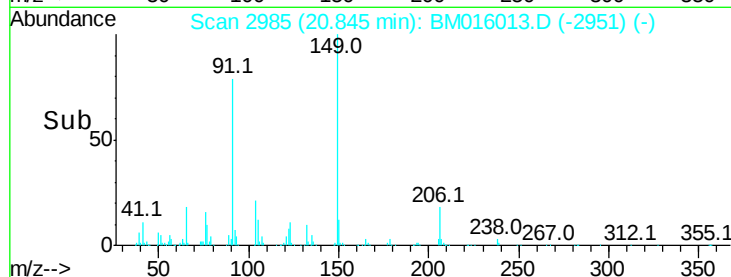
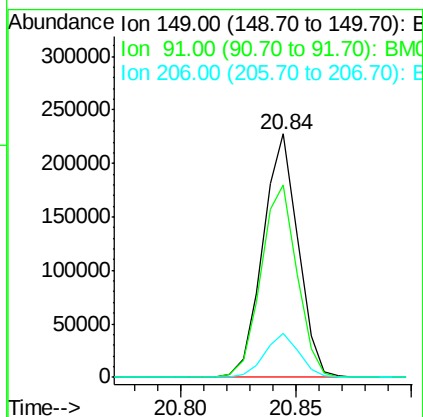
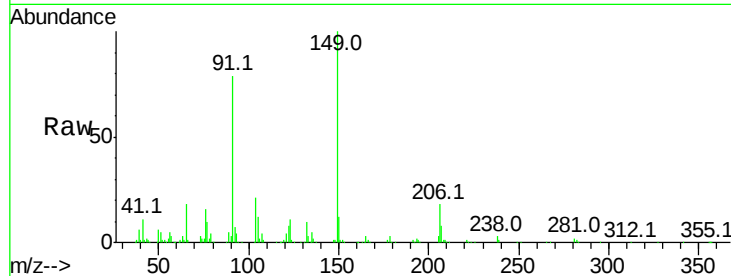




#80
 Butylbenzylphthalate
 Concen: 21.122 ng/ul
 RT: 20.84 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

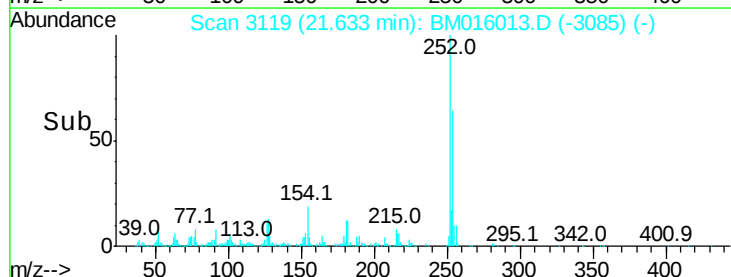
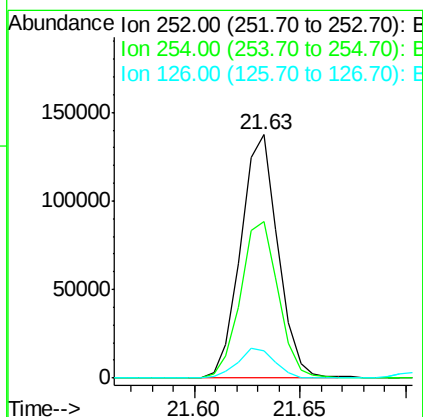
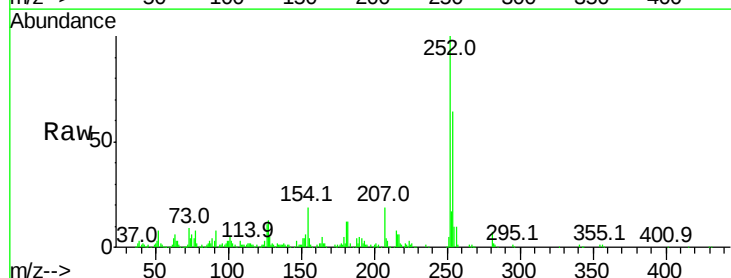
Instrument :
 BNA_M
 ClientSampleId :

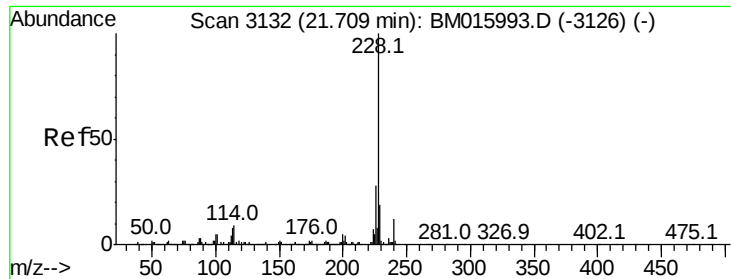
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	53.4	80.2
206	18.2	16.6	24.8



#81
 3,3'-Dichlorobenzidine
 Concen: 18.960 ng/ul
 RT: 21.63 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: BM016013.D
 Acq: 20 Jul 2018 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.2	78.2
126	11.1	9.4	14.2





#82

Benzo(a)anthracene

Concen: 19.530 ng/ul

RT: 21.70 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

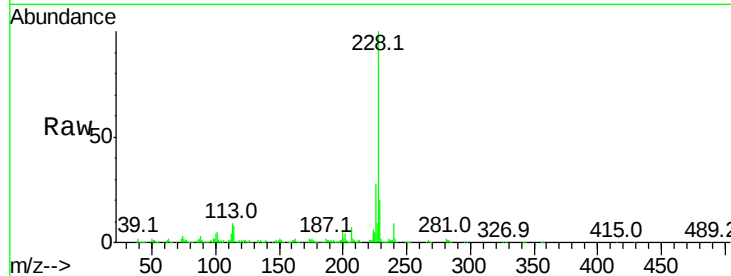
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 509294

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.7	21.8	32.6

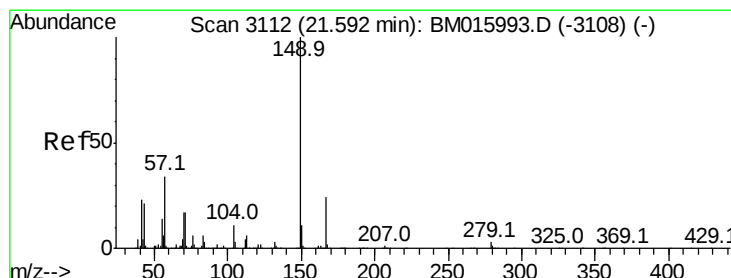
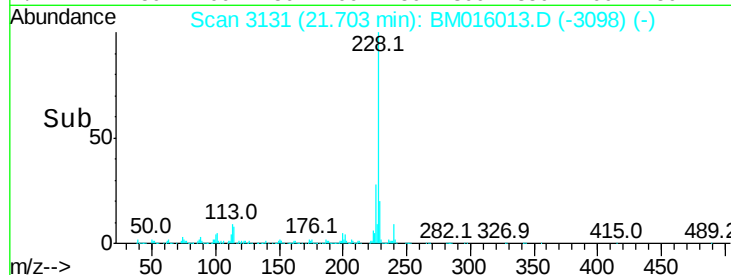
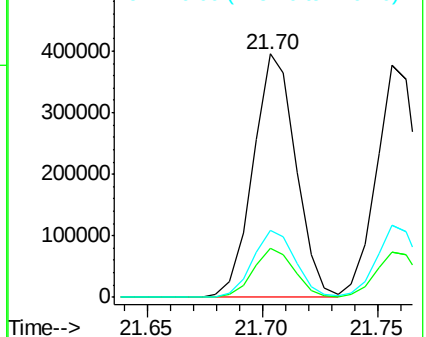


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.957 ng/ul

RT: 21.59 min Scan# 3112

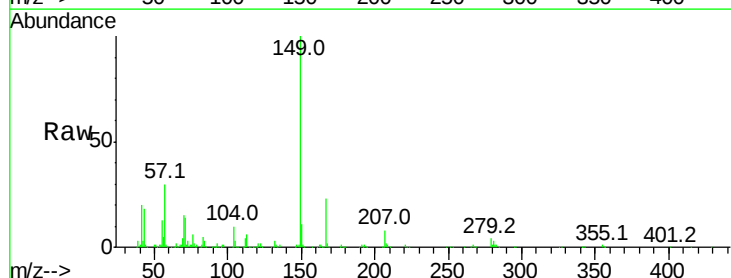
Delta R.T. -0.00 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Tgt Ion:149 Resp: 351563

Ion	Ratio	Lower	Upper
149	100		
167	23.2	21.6	32.4
279	3.6	3.0	4.4

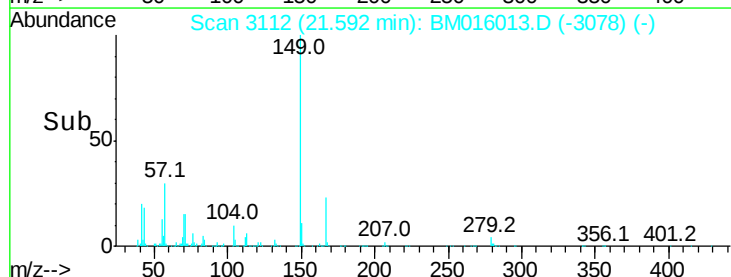
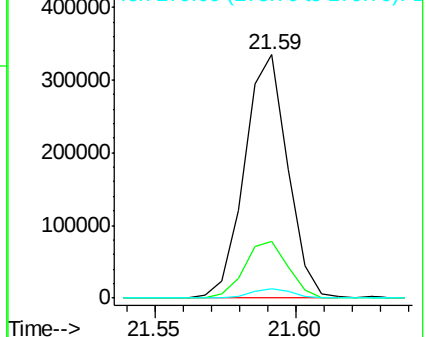


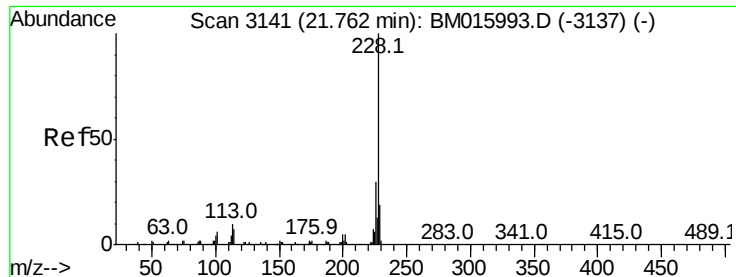
Abundance

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

Chrysene

Concen: 19.257 ng/ul

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

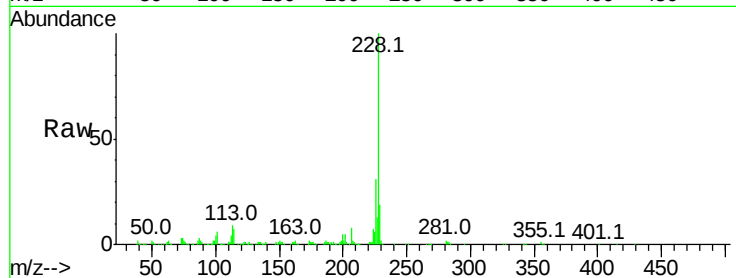
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 469747

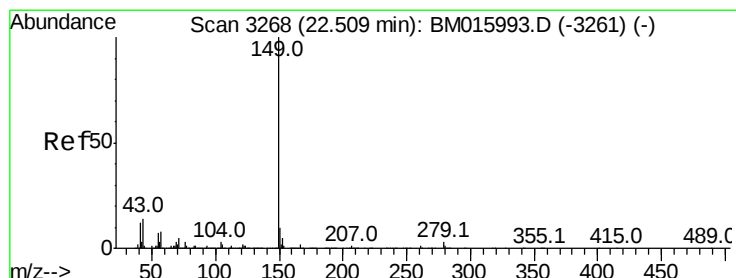
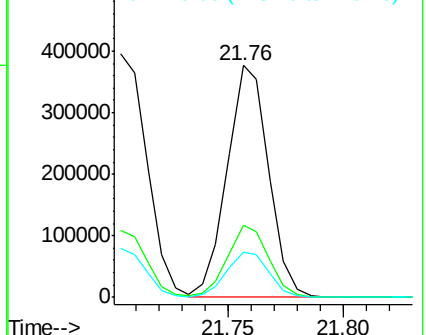
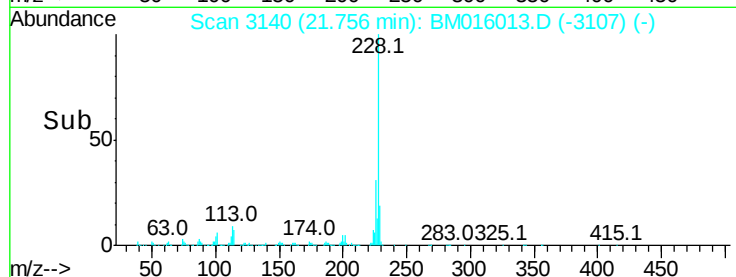
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	19.4	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 21.260 ng/ul

RT: 22.50 min Scan# 3267

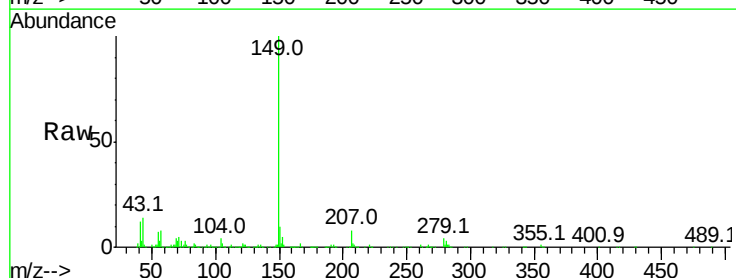
Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Tgt Ion:149 Resp: 606126

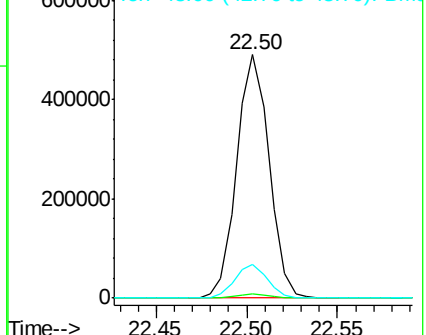
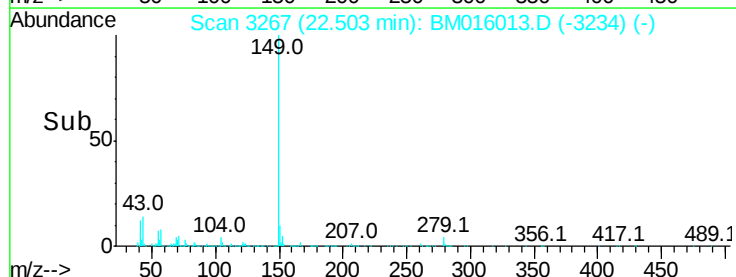
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.1	5.6	8.4

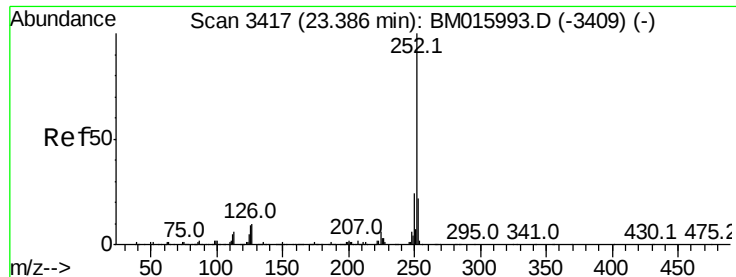


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#87

Benzo(b)fluoranthene

Concen: 20.500 ng/ul

RT: 23.38 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

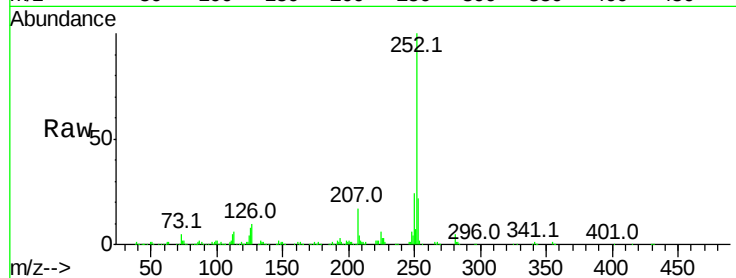
Tot Ion:252 Resp: 478680

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

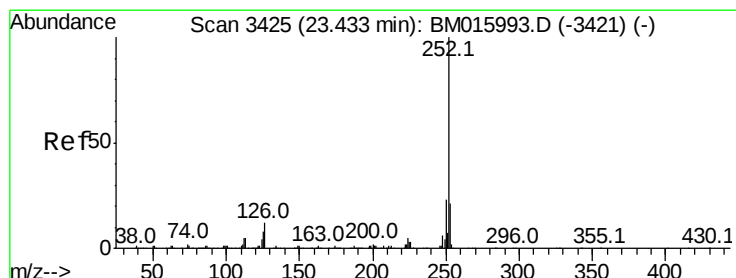
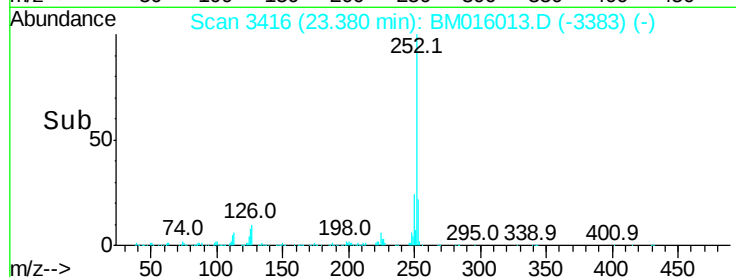
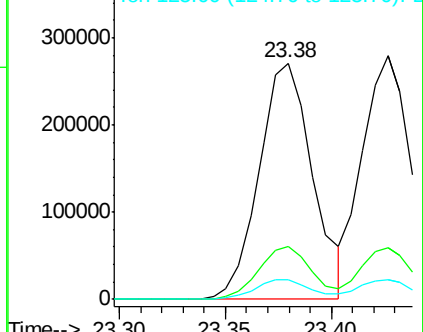
125 8.5 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 21.445 ng/ul

RT: 23.38 min Scan# 3416

Delta R.T. -0.05 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

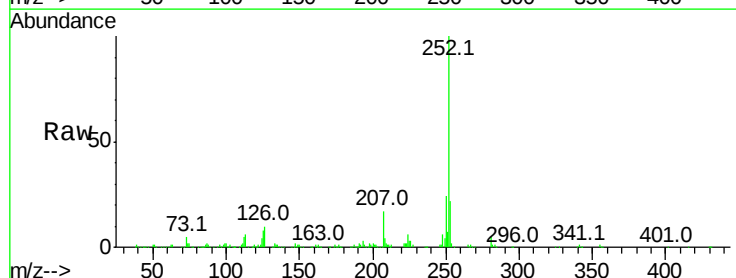
Tgt Ion:252 Resp: 478680

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

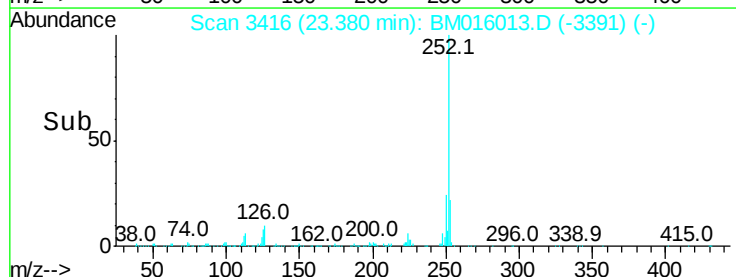
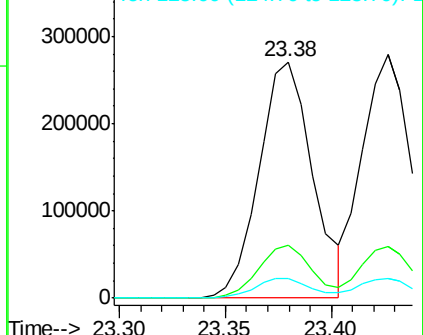
125 8.5 8.2 12.2

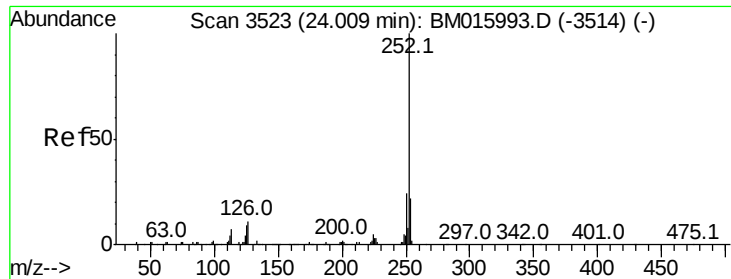


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 19.244 ng/ul

RT: 24.00 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampled :

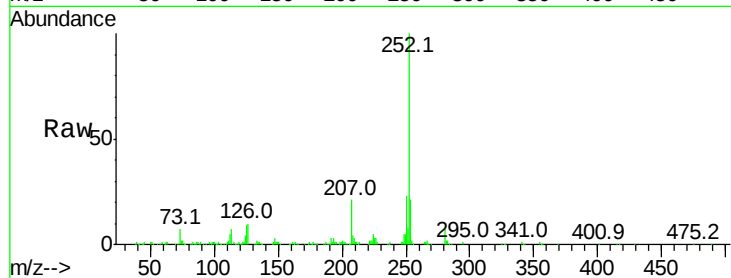
Tot Ion:252 Resp: 432047

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

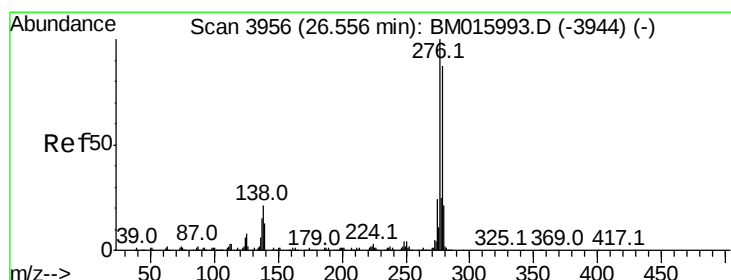
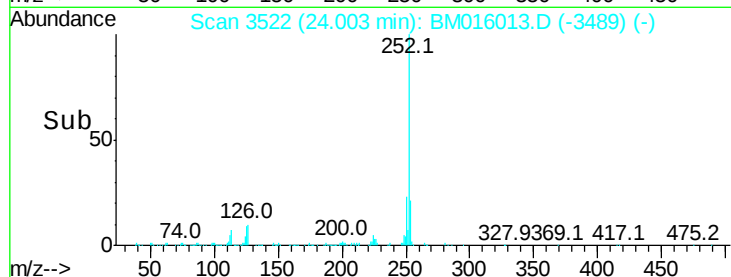
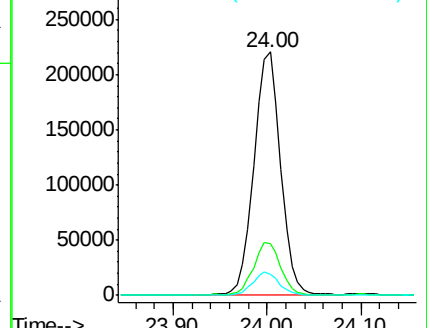
125 8.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 15.541 ng/ul

RT: 26.54 min Scan# 3954

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

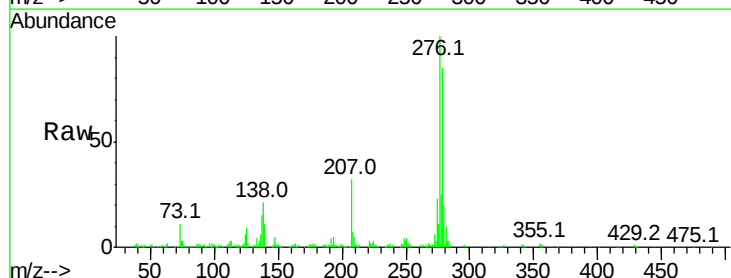
Tgt Ion:276 Resp: 428988

Ion Ratio Lower Upper

276 100

138 21.5 22.3 33.5#

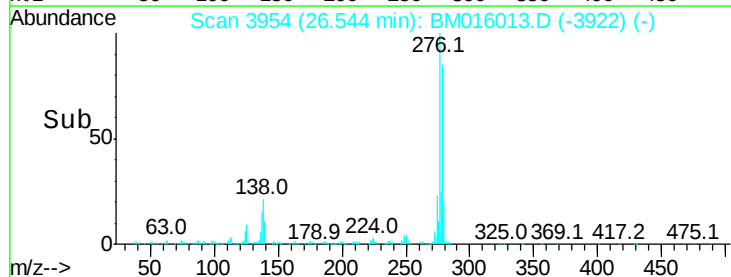
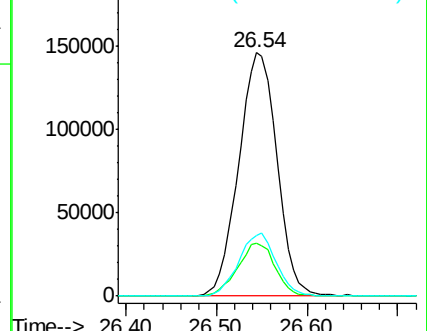
277 25.1 20.2 30.2

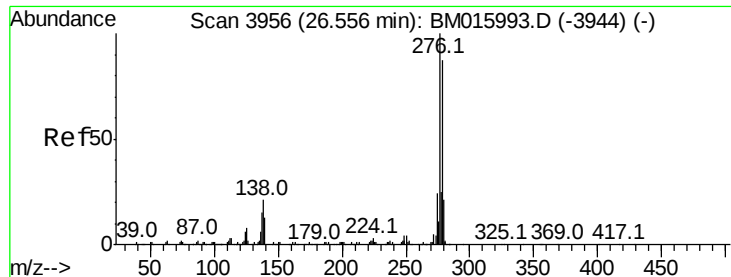


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 15.703 ng/ul

RT: 26.55 min Scan# 3955

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

Instrument :

BNA_M

ClientSampleId :

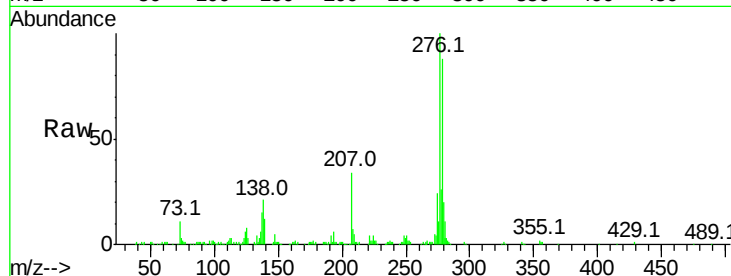
Tot Ion:278 Resp: 367068

Ion Ratio Lower Upper

278 100

139 13.5 13.9 20.9#

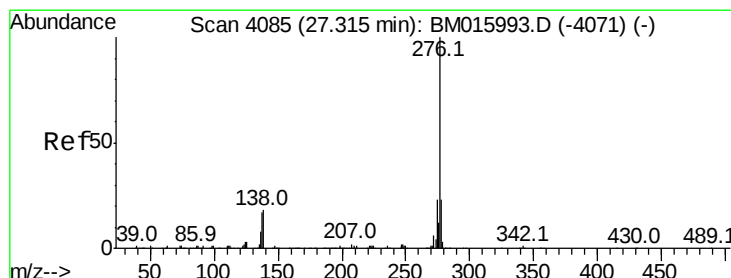
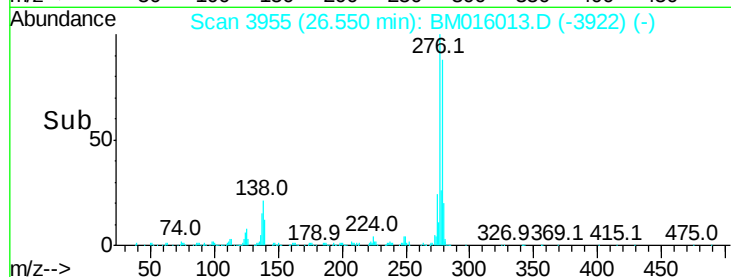
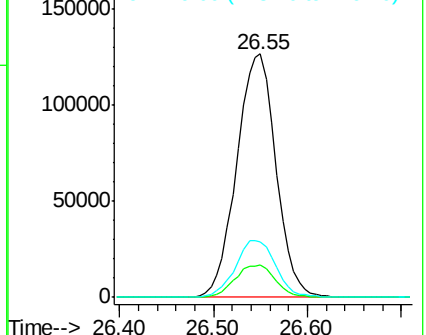
279 22.6 19.0 28.4



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



#93

Benzo(g,h,i)perylene

Concen: 15.148 ng/ul

RT: 27.30 min Scan# 4083

Delta R.T. -0.01 min

Lab File: BM016013.D

Acq: 20 Jul 2018 11:16

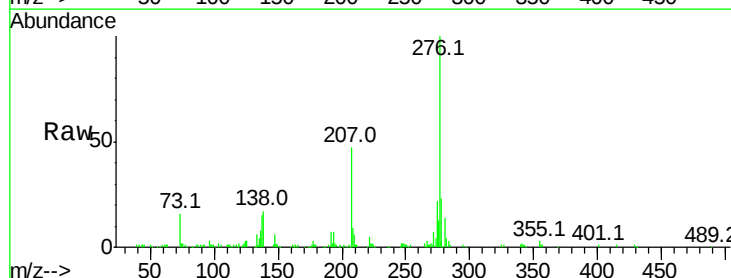
Tgt Ion:276 Resp: 334349

Ion Ratio Lower Upper

276 100

138 17.0 18.9 28.3#

277 22.7 19.2 28.8



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

