

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
 Data File : BM016181.D
 Acq On : 03 Aug 2018 15:54
 Operator : SJ/JU
 Sample : J4178-03DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 04 01:06:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 04 01:03:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	46712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	184759	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	100081	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	339082	20.00	ng/ul	0.02
77) Chrysene-d12	21.71	240	183666	20.00	ng/ul	0.04
85) Perylene-d12	24.03	264	183728	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1382	1.30	ng/uL	0.00
5) Phenol-d5	7.36	99	27837	6.52	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.52	67	20759	7.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	26949	7.77	ng/ul	0.01
13) 4-Methylphenol-d8	8.92	113	23500	6.43	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	12047	9.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	12846	8.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	24103	8.25	ng/ul	0.01
29) 4-Chloroaniline-d4	11.17	131	25149	7.08	ng/ul	0.01
43) Dimethylphthalate-d6	14.22	166	87829	9.63	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	96237	9.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	3098	1.96	ng/ul	0.00
57) Fluorene-d10	15.81	176	75256	9.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	8480	3.75	ng/ul	0.00
70) Anthracene-d10	17.66	188	164819	9.49	ng/ul	0.02
78) Pyrene-d10	19.93	212	192009	22.56	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.89	264	103160	10.21	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	7.39	94	17026	3.972	ng/ul# 64
11) 2-Methylphenol	8.55	108	29388	8.914	ng/ul# 74
24) 2,4-Dimethylphenol	10.19	107	3780	1.021	ng/ul# 76
27) 2,4-Dichlorophenol	10.76	162	6663	2.330	ng/ul# 25
28) Naphthalene	11.06	128	12419	1.268	ng/ul# 86
31) Hexachlorobutadiene	11.32	225	4039	2.010	ng/ul 96
32) Caprolactam	11.97	113	2329	2.416	ng/ul# 1
42) 2-Nitroaniline	13.93	65	2460	1.175	ng/ul# 23
44) Dimethylphthalate	14.27	163	18293	2.025	ng/ul# 83
45) 2,6-Dinitrotoluene	14.40	165	4550	2.819	ng/ul# 31
48) 3-Nitroaniline	14.75	138	2582	1.553	ng/ul# 33
52) 4-Nitrophenol	15.06	109	3881	2.060	ng/ul# 12
59) 4-Chlorophenyl-phenylether	15.87	204	9982	2.341	ng/ul# 1
60) 4-Nitroaniline	15.90	138	2031	1.114	ng/ul# 11
63) 4,6-Dinitro-2-methylphenol	15.98	198	3151	1.360	ng/ul# 1
64) N-Nitrosodiphenylamine	16.07	169	45788	4.359	ng/ul# 43
68) Pentachlorophenol	17.23	266	3015	1.375	ng/ul# 10
69) Phenanthrene	17.61	178	46176	2.303	ng/ul# 20
75) Di-n-butylphthalate	18.49	149	237900	9.939	ng/ul# 66
79) Pyrene	19.93	202	26766	2.472	ng/ul# 1
80) Butylbenzylphthalate	20.77	149	75961	14.583	ng/ul# 62
83) Bis(2-ethylhexyl)phthalate	21.56	149	312588	40.922	ng/ul 96
86) Di-n-octyl phthalate	22.43	149	101226	7.034	ng/ul# 1

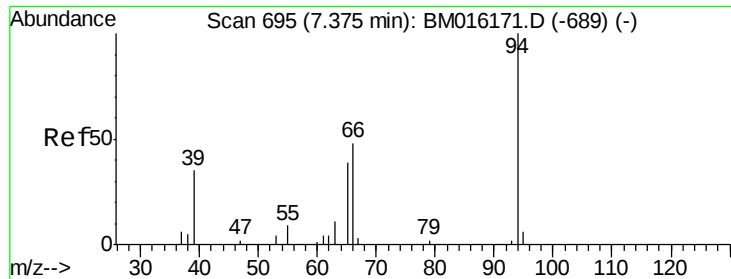
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016181.D
Acq On : 03 Aug 2018 15:54
Operator : SJ/JU
Sample : J4178-03DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 04 01:06:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 04 01:03:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#6

Phenol

Concen: 3.972 ng/ul

RT: 7.39 min Scan# 697

Delta R.T. 0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

Instrument :

BNA_M

ClientSampled :

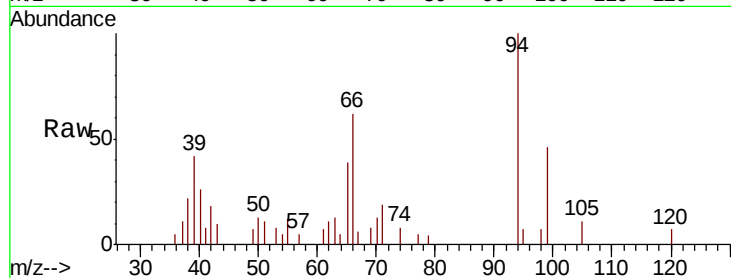
Tot Ion: 94 Resp: 17026

Ion Ratio Lower Upper

94 100

65 39.3 21.0 31.6#

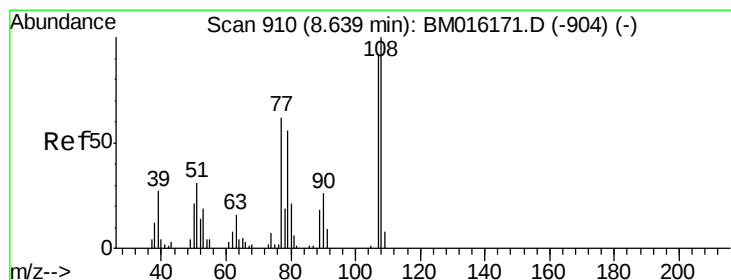
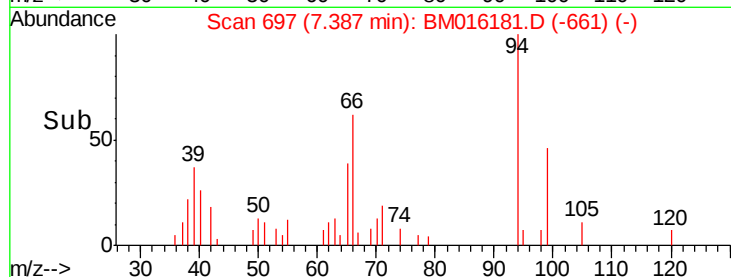
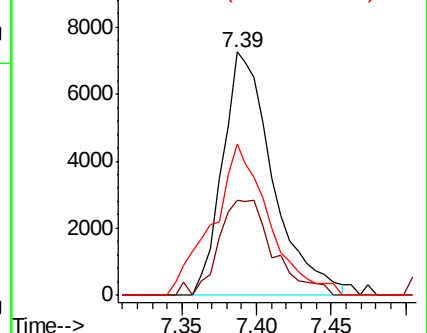
66 62.2 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM016181.D (-689) (-)

Ion 65.00 (64.70 to 65.70): BM016181.D (-689) (-)

Ion 66.00 (65.70 to 66.70): BM016181.D (-689) (-)



#11

2-Methylphenol

Concen: 8.914 ng/ul

RT: 8.55 min Scan# 895

Delta R.T. -0.09 min

Lab File: BM016181.D

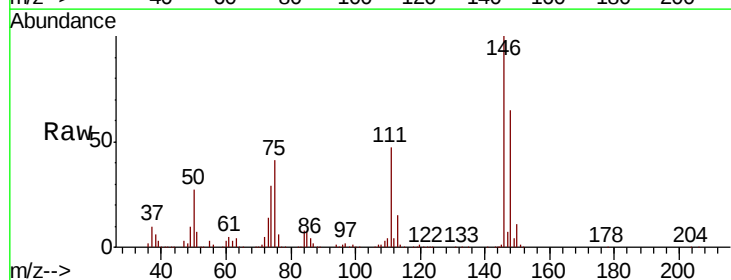
Acq: 03 Aug 2018 15:54

Tgt Ion:108 Resp: 29388

Ion Ratio Lower Upper

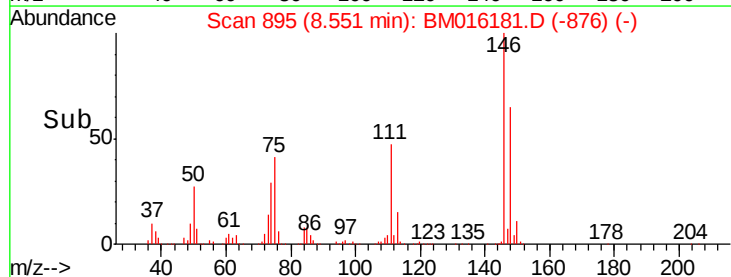
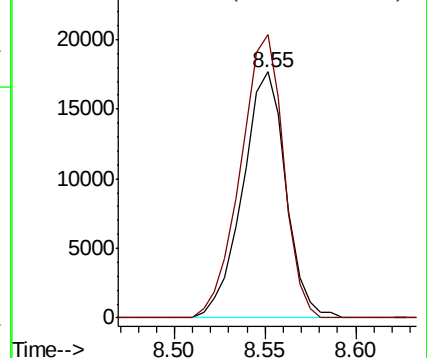
108 100

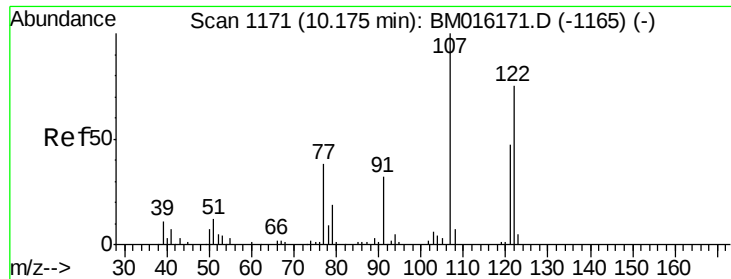
107 115.1 72.4 108.6#



Abundance Ion 108.00 (107.70 to 108.70): BM016181.D (-904) (-)

Ion 107.00 (106.70 to 107.70): BM016181.D (-904) (-)

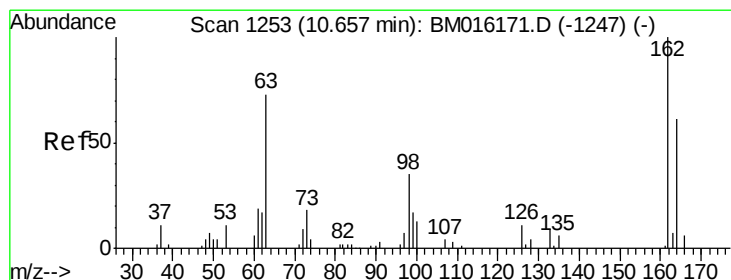
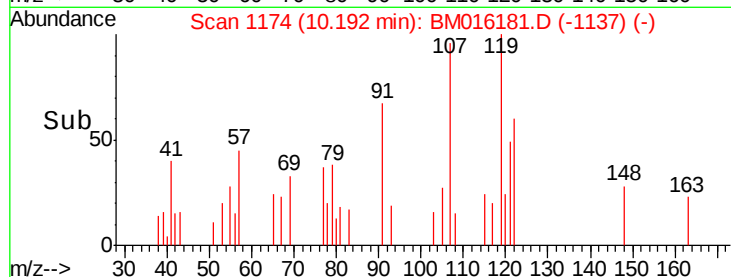
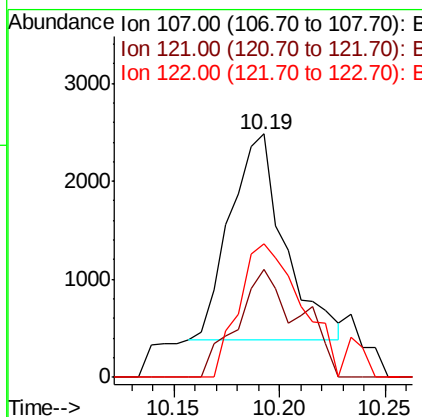
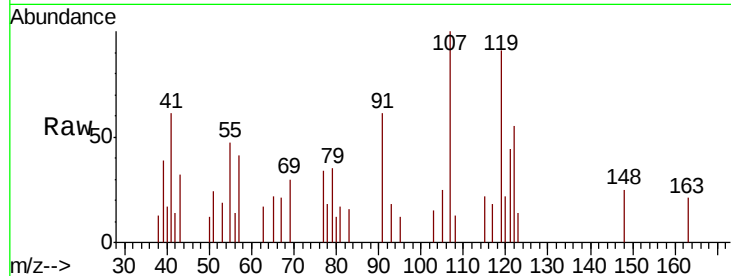




#24
2,4-Dimethylphenol
Concen: 1.021 ng/ul
RT: 10.19 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BM016181.D
Acq: 03 Aug 2018 15:54

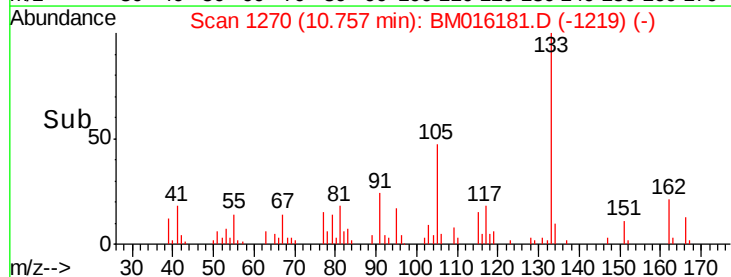
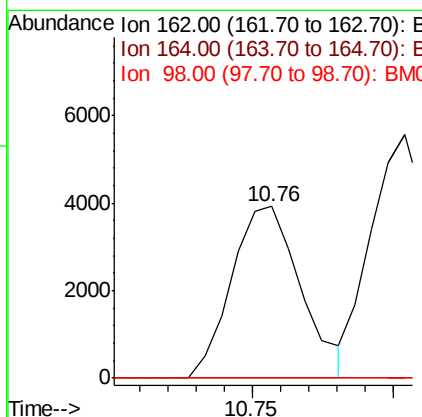
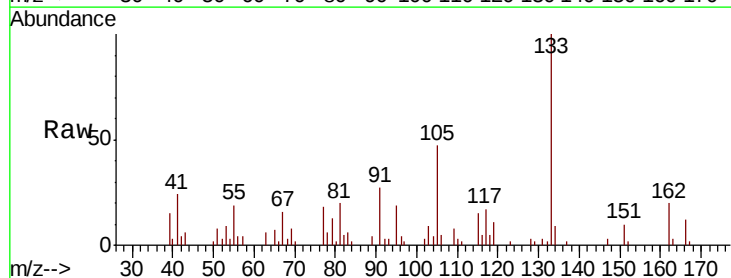
Instrument :
BNA_M
ClientSampleId :

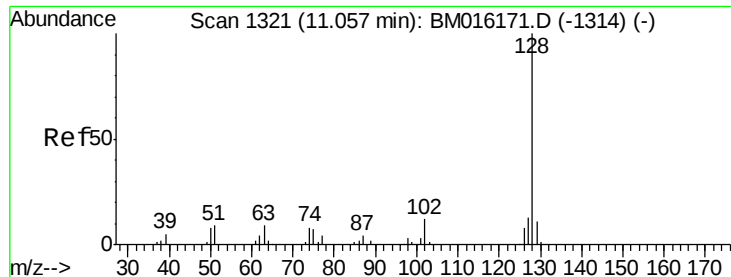
Tot Ion:107 Resp: 3780
Ion Ratio Lower Upper
107 100
121 44.4 40.6 61.0
122 54.6 67.8 101.6#



#27
2,4-Dichlorophenol
Concen: 2.330 ng/ul
RT: 10.76 min Scan# 1270
Delta R.T. 0.10 min
Lab File: BM016181.D
Acq: 03 Aug 2018 15:54

Tgt Ion:162 Resp: 6663
Ion Ratio Lower Upper
162 100
164 0.0 52.1 78.1#
98 0.0 28.4 42.6#

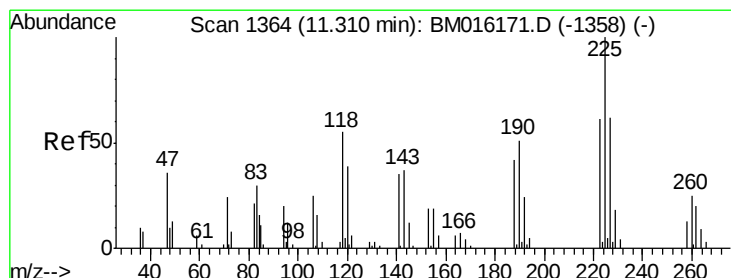
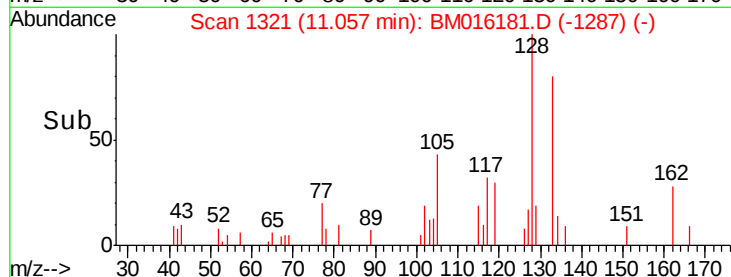
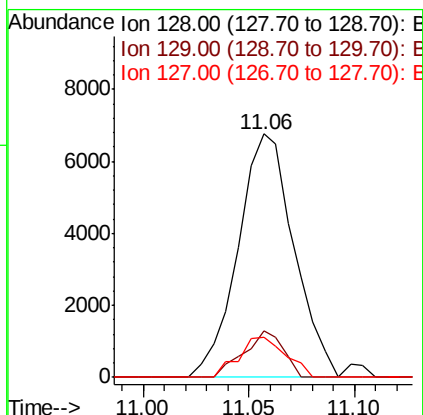
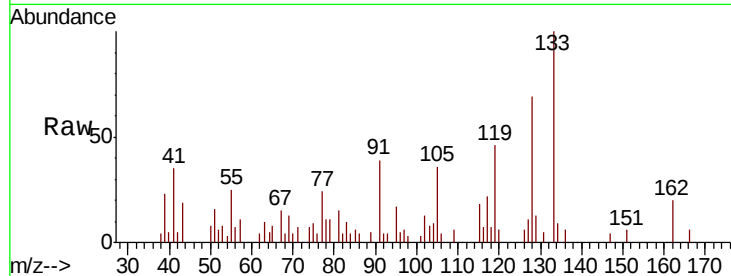




#28
Naphthalene
Concen: 1.268 ng/ul
RT: 11.06 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BM016181.D
Acq: 03 Aug 2018 15:54

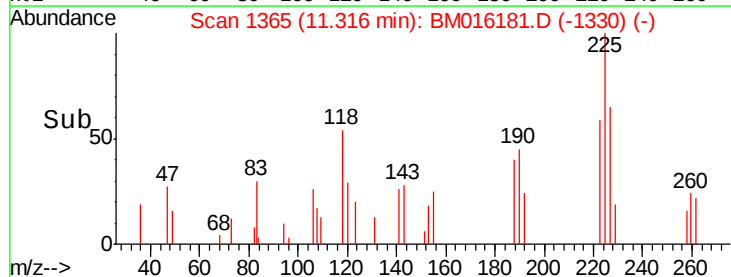
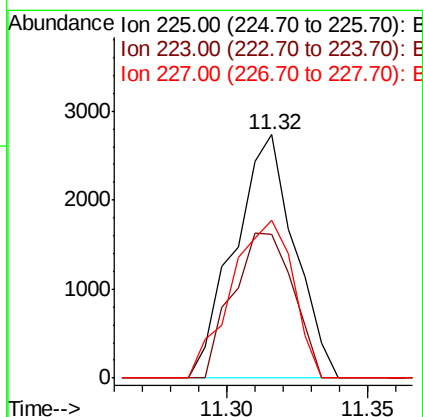
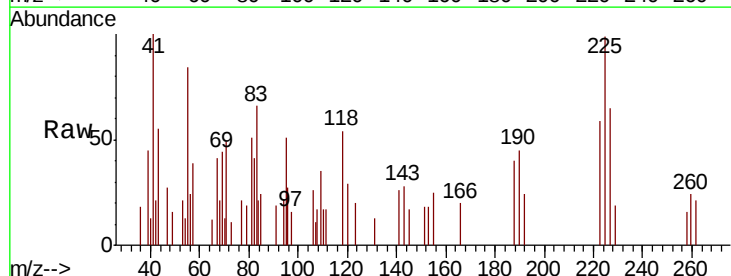
Instrument :
BNA_M
ClientSampleId :

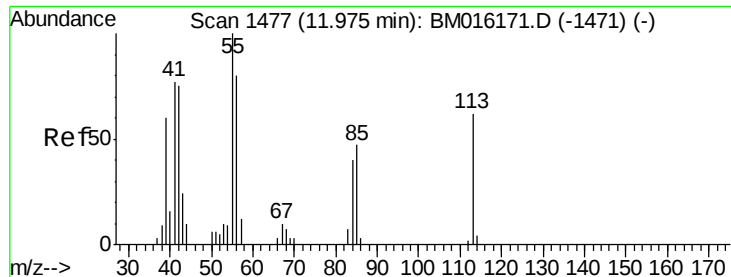
Tot Ion:128 Resp: 12419
Ion Ratio Lower Upper
128 100
129 19.2 8.8 13.2#
127 16.5 10.5 15.7#



#31
Hexachlorobutadiene
Concen: 2.010 ng/ul
RT: 11.32 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BM016181.D
Acq: 03 Aug 2018 15:54

Tgt Ion:225 Resp: 4039
Ion Ratio Lower Upper
225 100
223 58.8 51.4 77.2
227 64.9 50.7 76.1





#32

Caprolactam

Concen: 2.416 ng/ul

RT: 11.97 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

Instrument :

BNA_M

ClientSampleId :

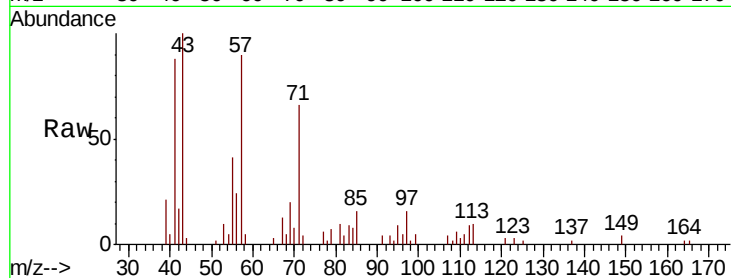
Tot Ion:113 Resp: 2329

Ion Ratio Lower Upper

113 100

55 420.6 101.9 152.9#

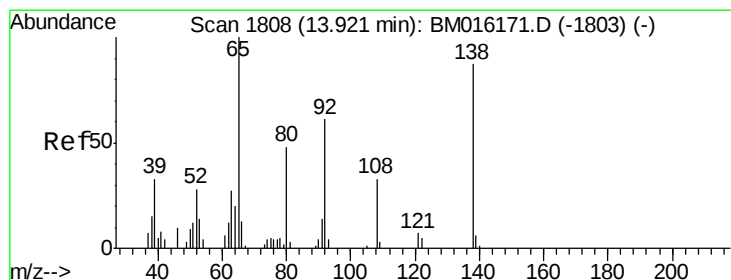
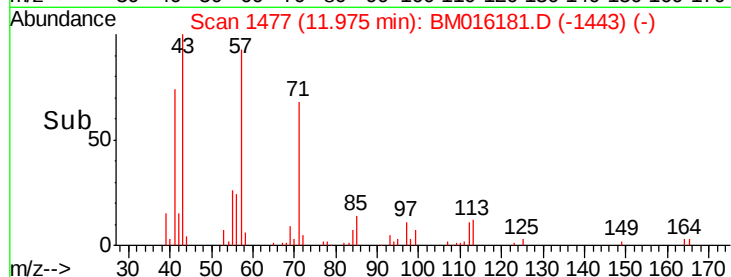
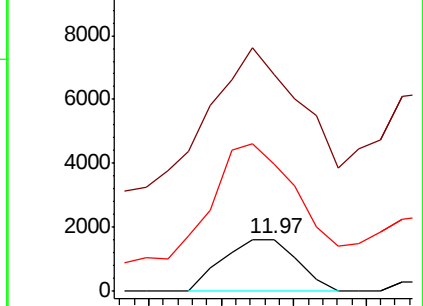
56 246.0 81.2 121.8#



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



#42

2-Nitroaniline

Concen: 1.175 ng/ul

RT: 13.93 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

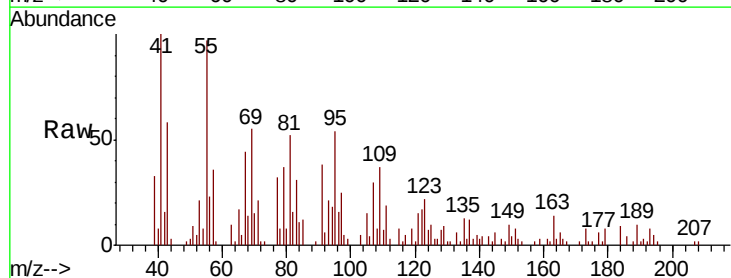
Tgt Ion: 65 Resp: 2460

Ion Ratio Lower Upper

65 100

92 35.5 60.4 90.6#

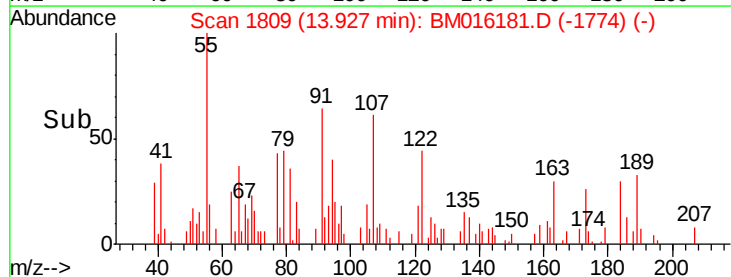
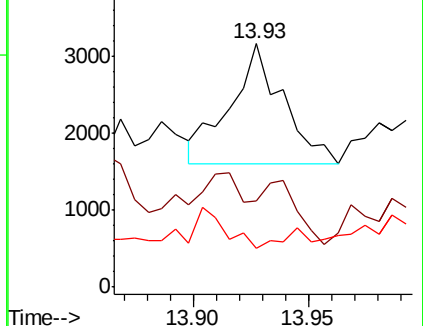
138 15.7 99.8 149.6#

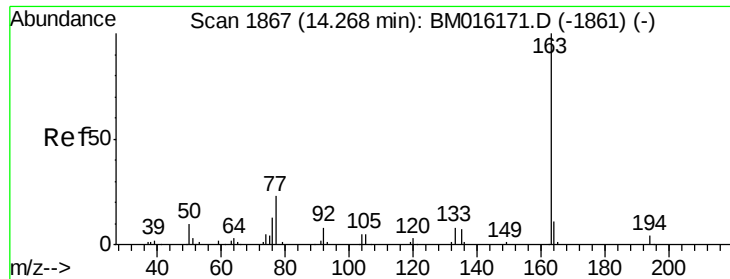


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 2.025 ng/ul

RT: 14.27 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

Instrument :

BNA_M

ClientSampled :

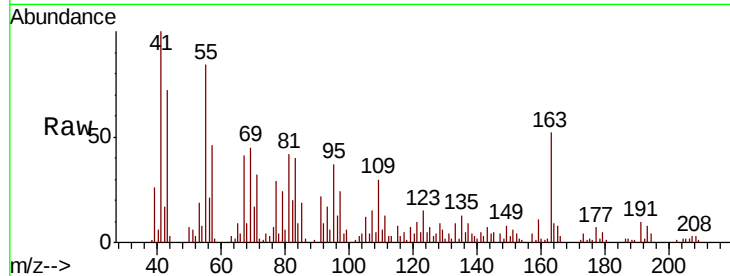
Tot Ion:163 Resp: 18293

Ion Ratio Lower Upper

163 100

194 7.2 3.2 4.8#

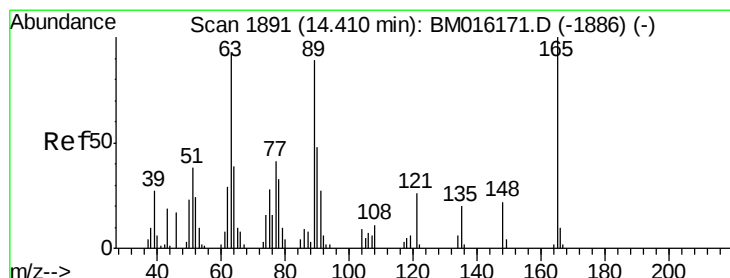
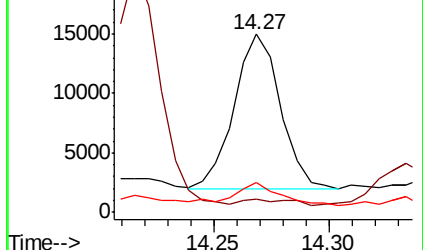
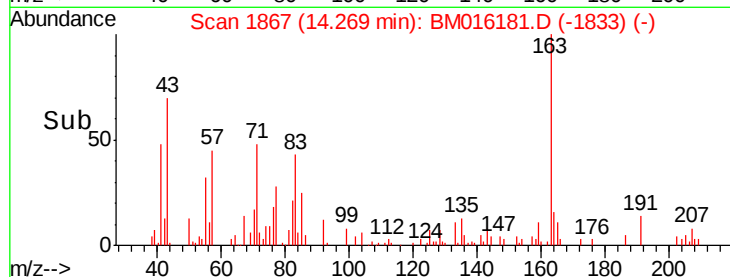
164 17.0 7.8 11.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 2.819 ng/ul

RT: 14.40 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

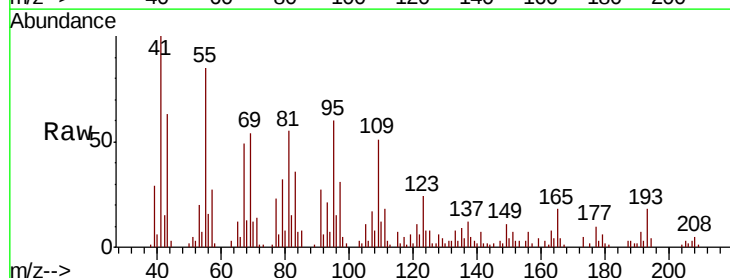
Tgt Ion:165 Resp: 4550

Ion Ratio Lower Upper

165 100

89 6.8 42.4 63.6#

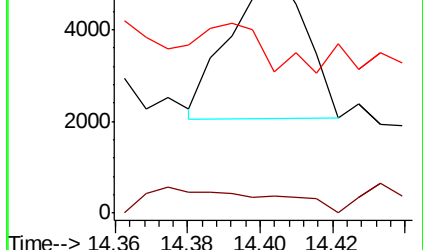
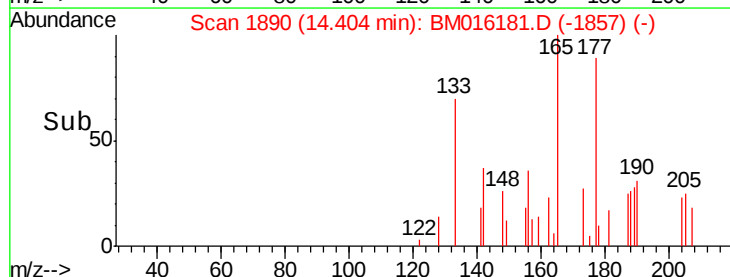
121 58.3 16.6 24.8#

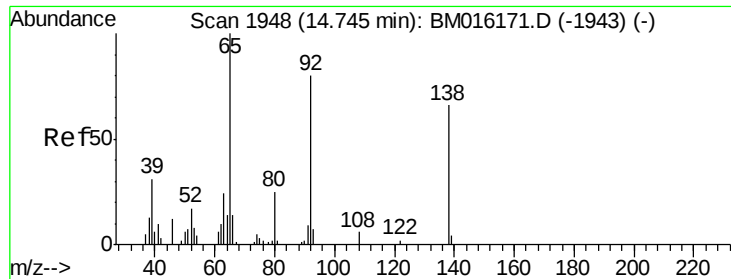


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

3-Nitroaniline

Concen: 1.553 ng/ul

RT: 14.75 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

Instrument :

BNA_M

ClientSampled :

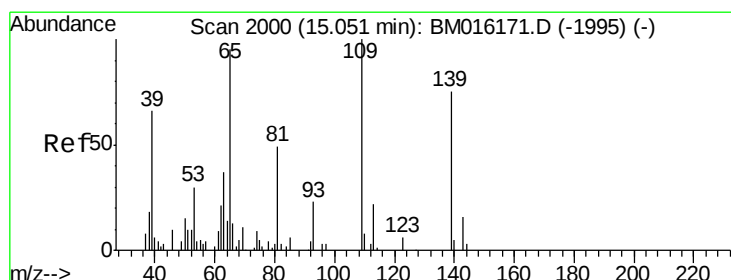
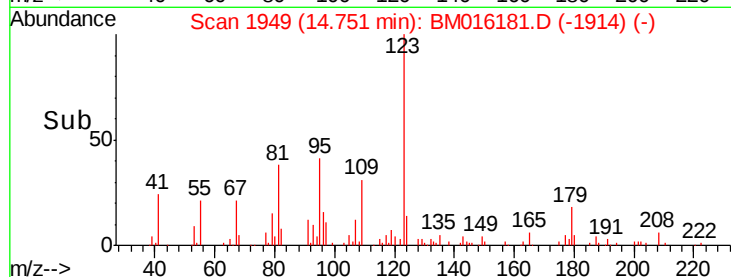
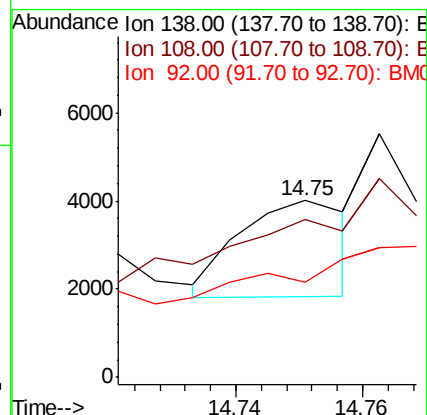
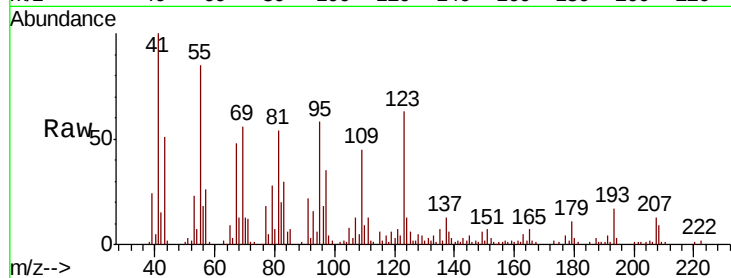
Tot Ion:138 Resp: 2582

Ion Ratio Lower Upper

138 100

108 89.2 8.7 13.1#

92 53.5 88.2 132.4#



#52

4-Nitrophenol

Concen: 2.060 ng/ul

RT: 15.06 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

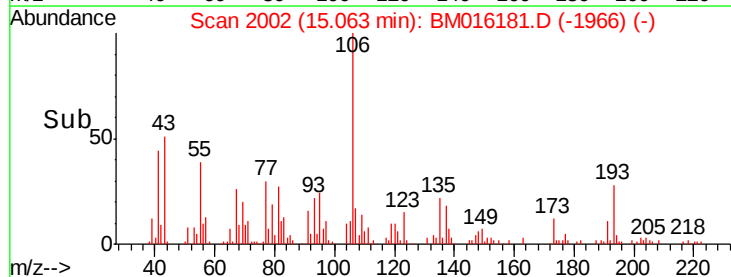
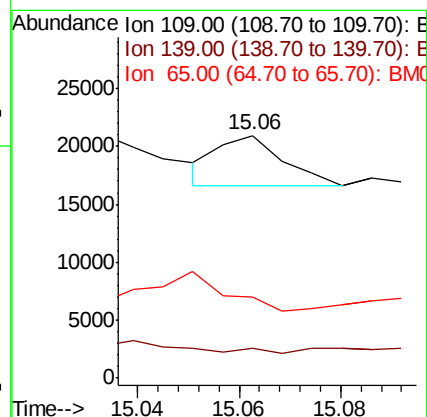
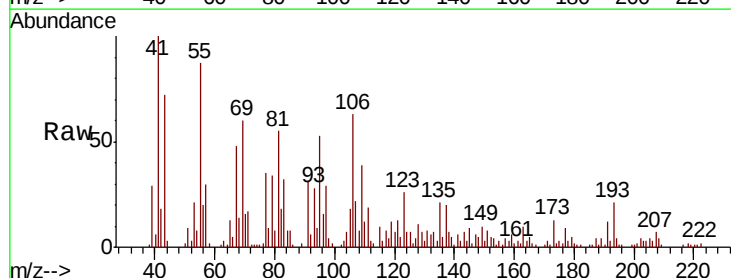
Tgt Ion:109 Resp: 3881

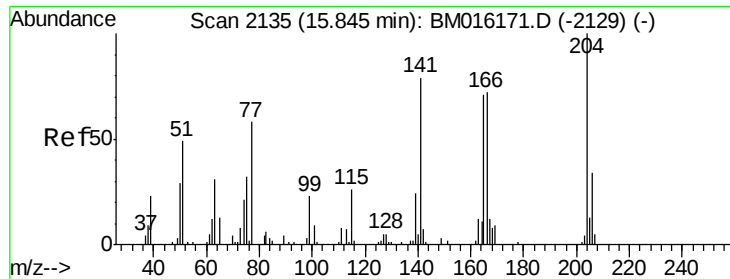
Ion Ratio Lower Upper

109 100

139 12.5 103.7 155.5#

65 33.7 89.4 134.2#

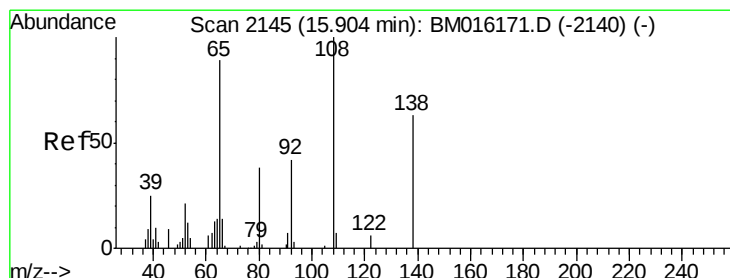
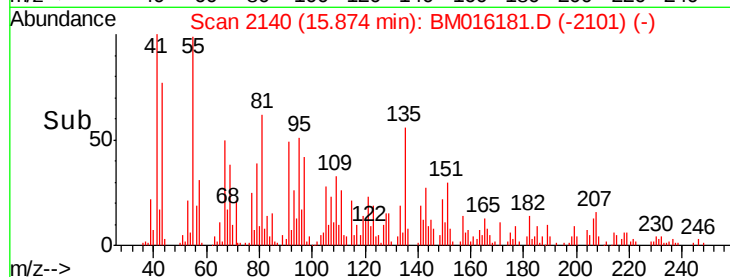
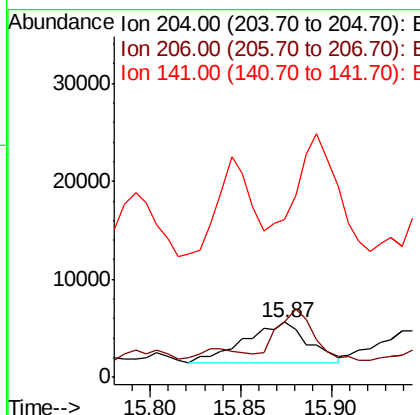
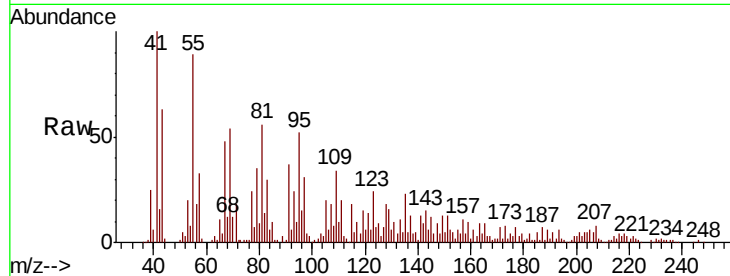




#59
4-Chlorophenyl-phenylether
Concen: 2.341 ng/ul
RT: 15.87 min Scan# 2140
Delta R.T. 0.03 min
Lab File: BM016181.D
Acq: 03 Aug 2018 15:54

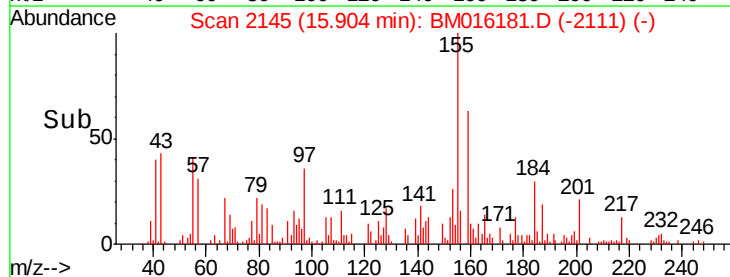
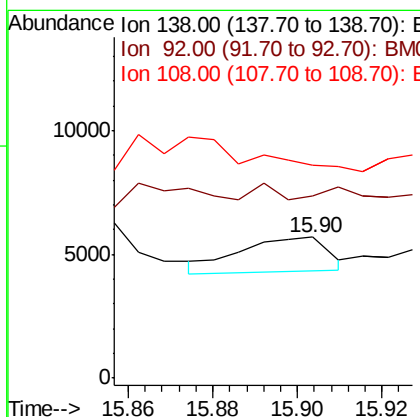
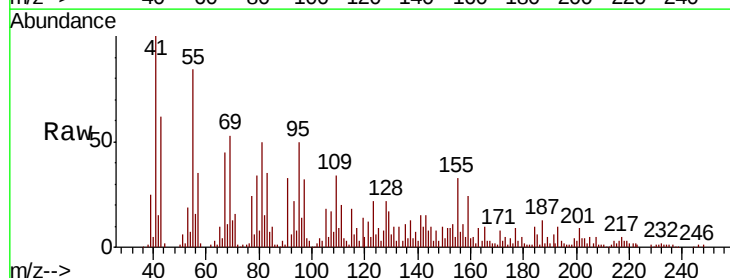
Instrument :
BNA_M
ClientSampled :

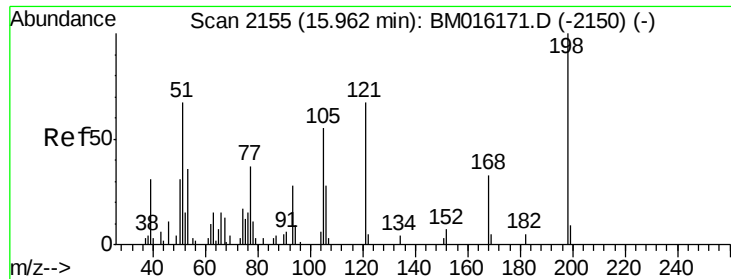
Tot Ion:204 Resp: 9982
Ion Ratio Lower Upper
204 100
206 100.1 26.2 39.4#
141 285.3 54.6 81.8#



#60
4-Nitroaniline
Concen: 1.114 ng/ul
RT: 15.90 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BM016181.D
Acq: 03 Aug 2018 15:54

Tgt Ion:138 Resp: 2031
Ion Ratio Lower Upper
138 100
92 129.2 40.6 60.8#
108 151.5 67.0 100.6#





#63

4,6-Dinitro-2-methylphenol

Concen: 1.360 ng/ul

RT: 15.98 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BM016181.D

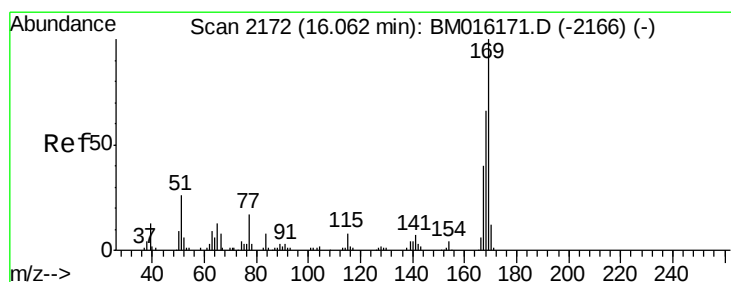
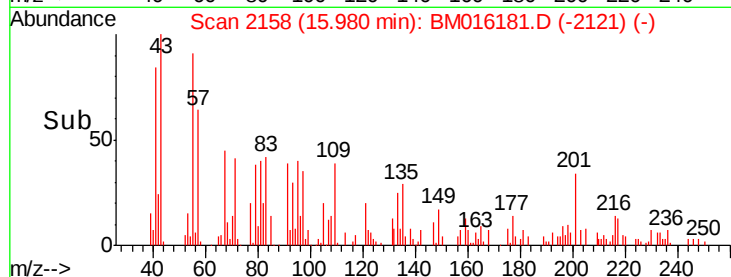
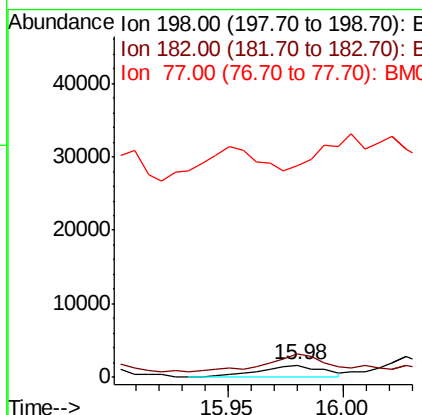
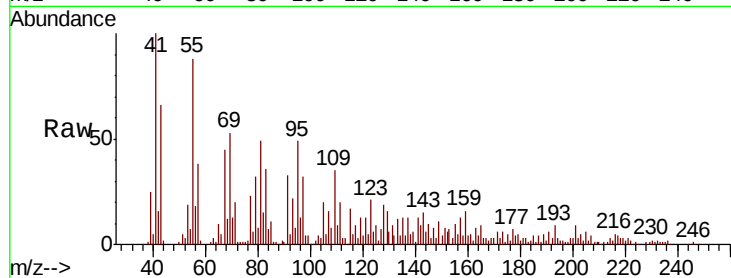
Acq: 03 Aug 2018 15:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
182	184.1	3.1	4.7#
77	1680.5	20.1	30.1#



#64

N-Nitrosodiphenylamine

Concen: 4.359 ng/ul

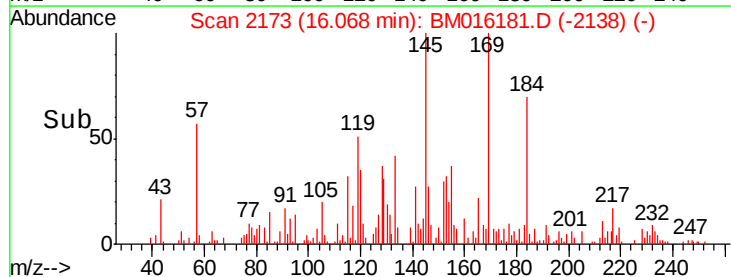
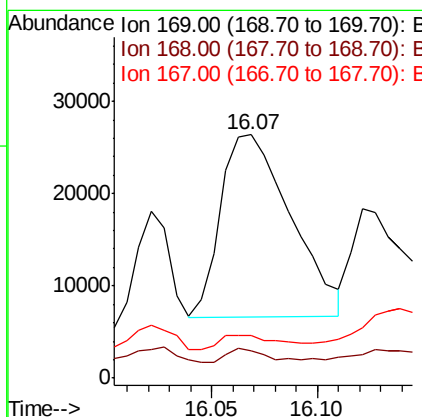
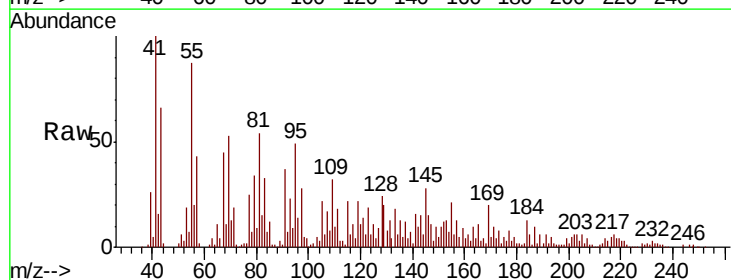
RT: 16.07 min Scan# 2173

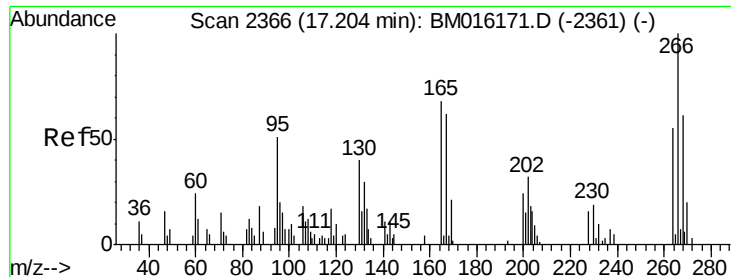
Delta R.T. 0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	11.1	53.8	80.8#
167	17.4	29.3	43.9#

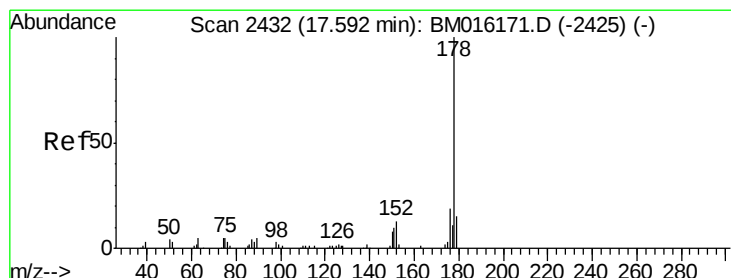
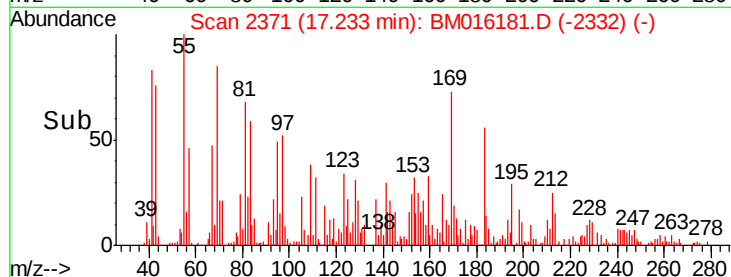
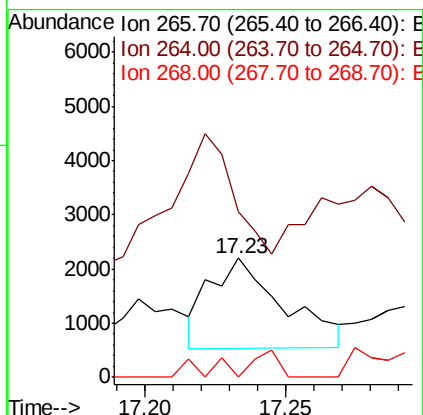
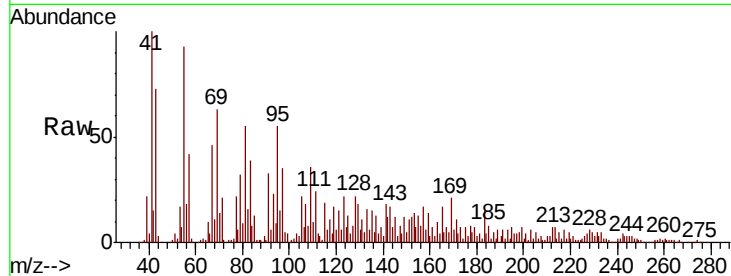




#68
 Pentachlorophenol
 Concen: 1.375 ng/ul
 RT: 17.23 min Scan# 2371
 Delta R.T. 0.03 min
 Lab File: BM016181.D
 Acq: 03 Aug 2018 15:54

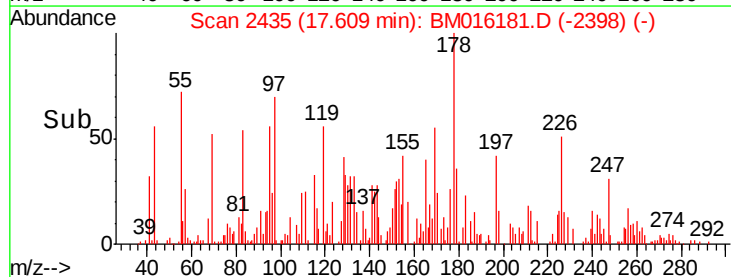
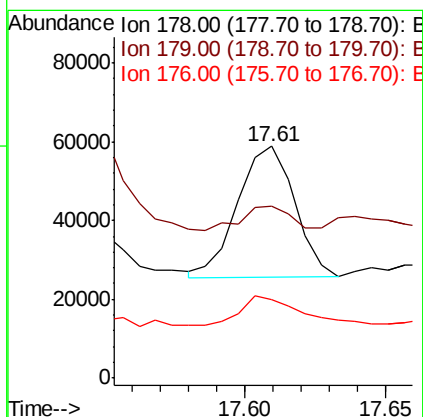
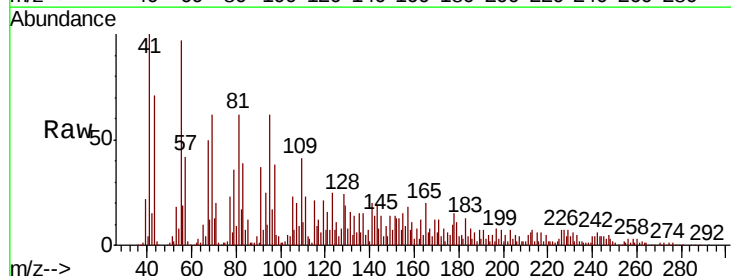
Instrument :
 BNA_M
 ClientSampled :

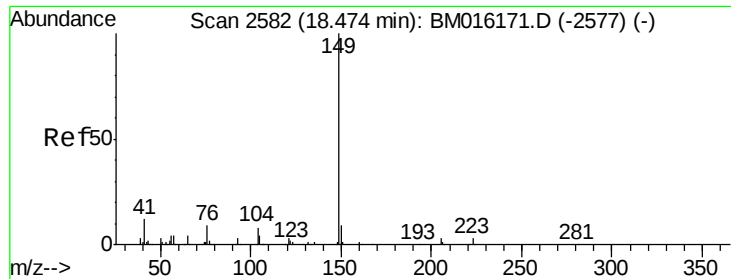
Tot Ion	Ratio	Lower	Upper
266	100		
264	138.9	50.5	75.7#
268	0.0	50.9	76.3#



#69
 Phenanthrene
 Concen: 2.303 ng/ul
 RT: 17.61 min Scan# 2435
 Delta R.T. 0.02 min
 Lab File: BM016181.D
 Acq: 03 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	74.0	12.2	18.4#
176	33.9	15.6	23.4#





#75

Di-n-butylphthalate

Concen: 9.939 ng/ul

RT: 18.49 min Scan# 2584

Delta R.T. 0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

Instrument :

BNA_M

ClientSampled :

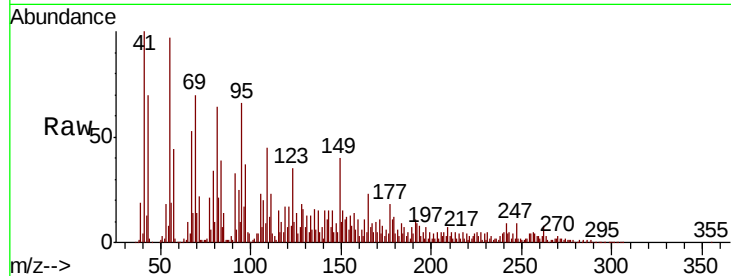
Tot Ion:149 Resp: 237900

Ion Ratio Lower Upper

149 100

150 25.7 7.4 11.0#

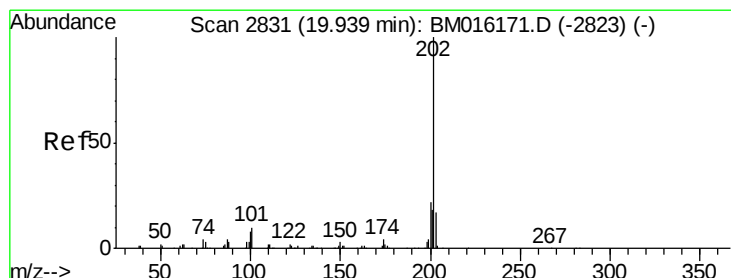
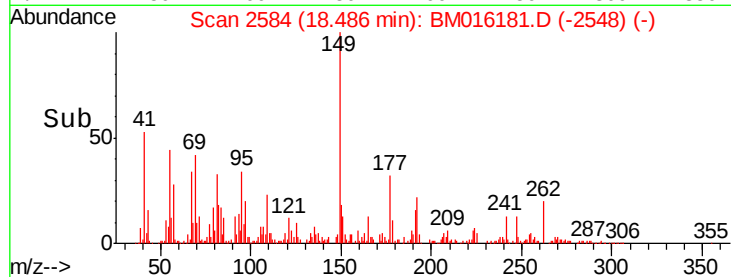
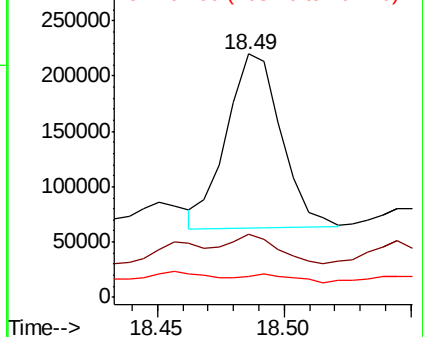
104 8.8 4.0 6.0#



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



#79

Pyrene

Concen: 2.472 ng/ul

RT: 19.93 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

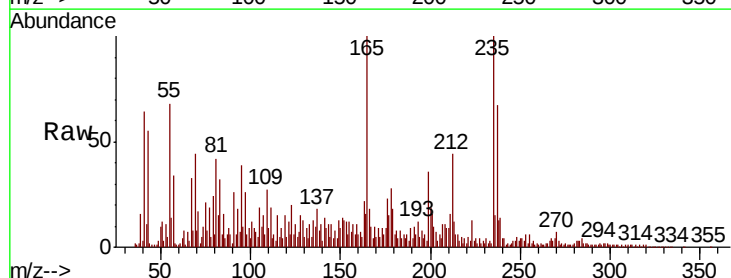
Tgt Ion:202 Resp: 26766

Ion Ratio Lower Upper

202 100

101 123.1 10.2 15.2#

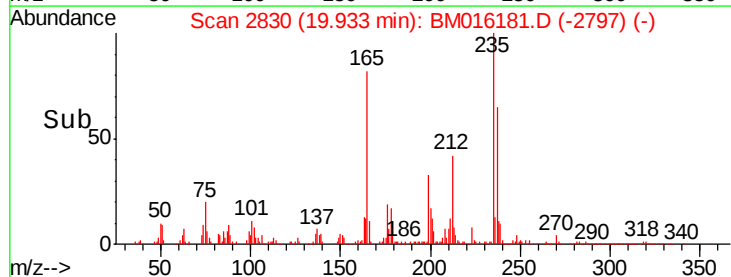
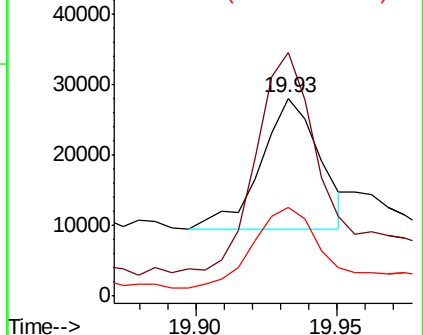
100 45.0 8.5 12.7#

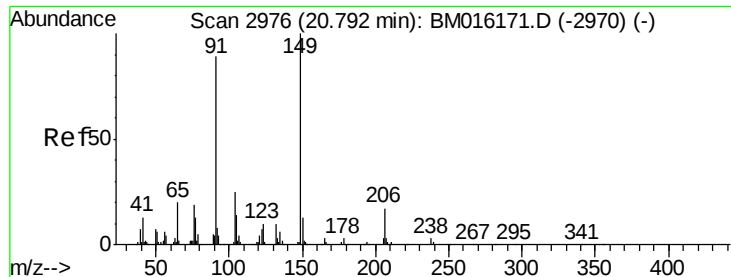


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

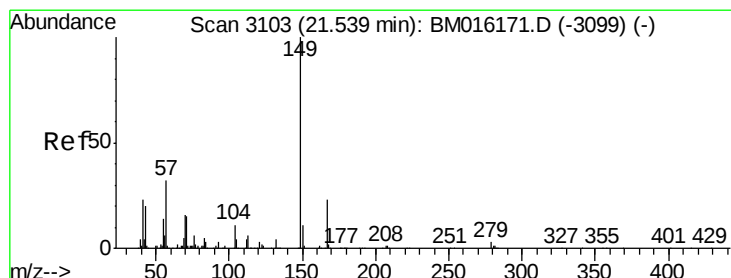
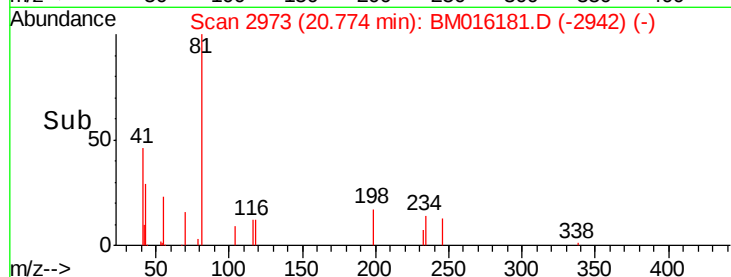
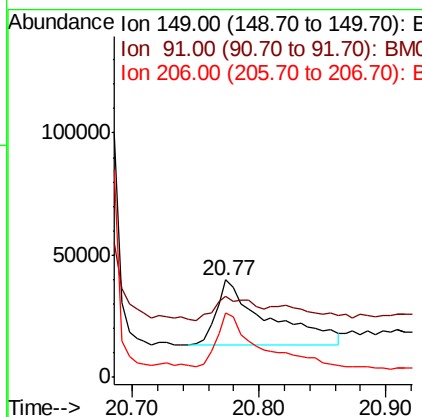
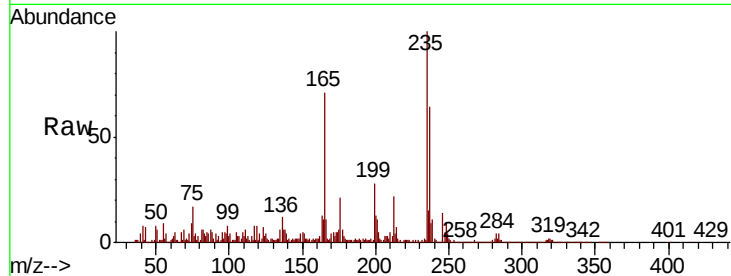




#80
 Butylbenzylphthalate
 Concen: 14.583 ng/ul
 RT: 20.77 min Scan# 2973
 Delta R.T. -0.02 min
 Lab File: BM016181.D
 Acq: 03 Aug 2018 15:54

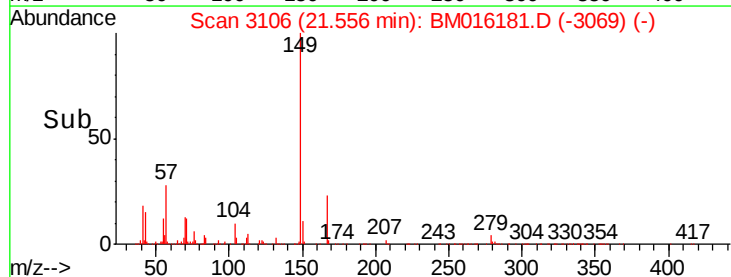
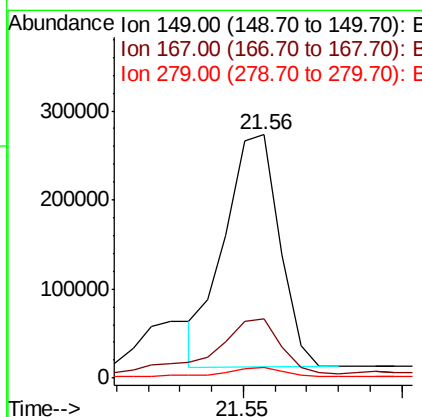
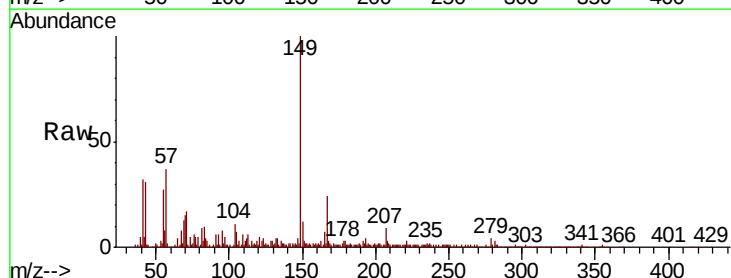
Instrument :
 BNA_M
 ClientSampled :

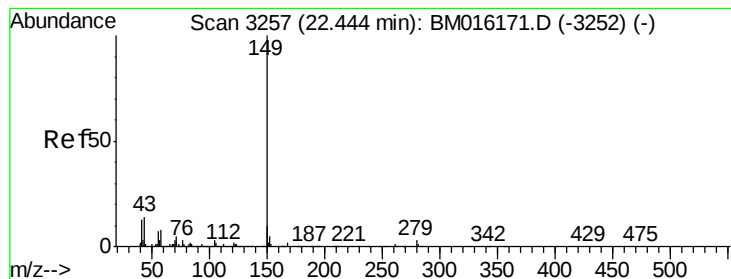
Tot Ion	Ratio	Lower	Upper
149	100		
91	83.1	53.4	80.2#
206	65.8	16.6	24.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.922 ng/ul
 RT: 21.56 min Scan# 3106
 Delta R.T. 0.02 min
 Lab File: BM016181.D
 Acq: 03 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.6	32.4
279	4.2	3.0	4.4





#86

Di-n-octyl phthalate

Concen: 7.034 ng/ul

RT: 22.43 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BM016181.D

Acq: 03 Aug 2018 15:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 101226

Ion Ratio Lower Upper

149 100

167 17.8 1.2 1.8#

43 58.4 5.6 8.4#

