

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
 Data File : BM016878.D
 Acq On : 24 Sep 2018 16:08
 Operator : SJ/JU
 Sample : J5014-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 04:05:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 25 04:03:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	238447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1051989	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	613686	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1354783	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1515726	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1573579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	28229	5.06	ng/uL	0.00
5) Phenol-d5	6.89	99	126429	6.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	310590	24.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	348864	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	220204	14.15	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	209049	30.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	210407	33.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	405237	25.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	3758	0.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1351496	27.43	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1600609	25.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	54277	6.71	ng/ul	0.00
58) Fluorene-d10	15.35	176	1196028	27.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	184498	33.17	ng/ul	0.00
71) Anthracene-d10	17.20	188	1849854	28.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	2097239	28.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2329387	28.38	ng/ul	0.00

Target Compounds

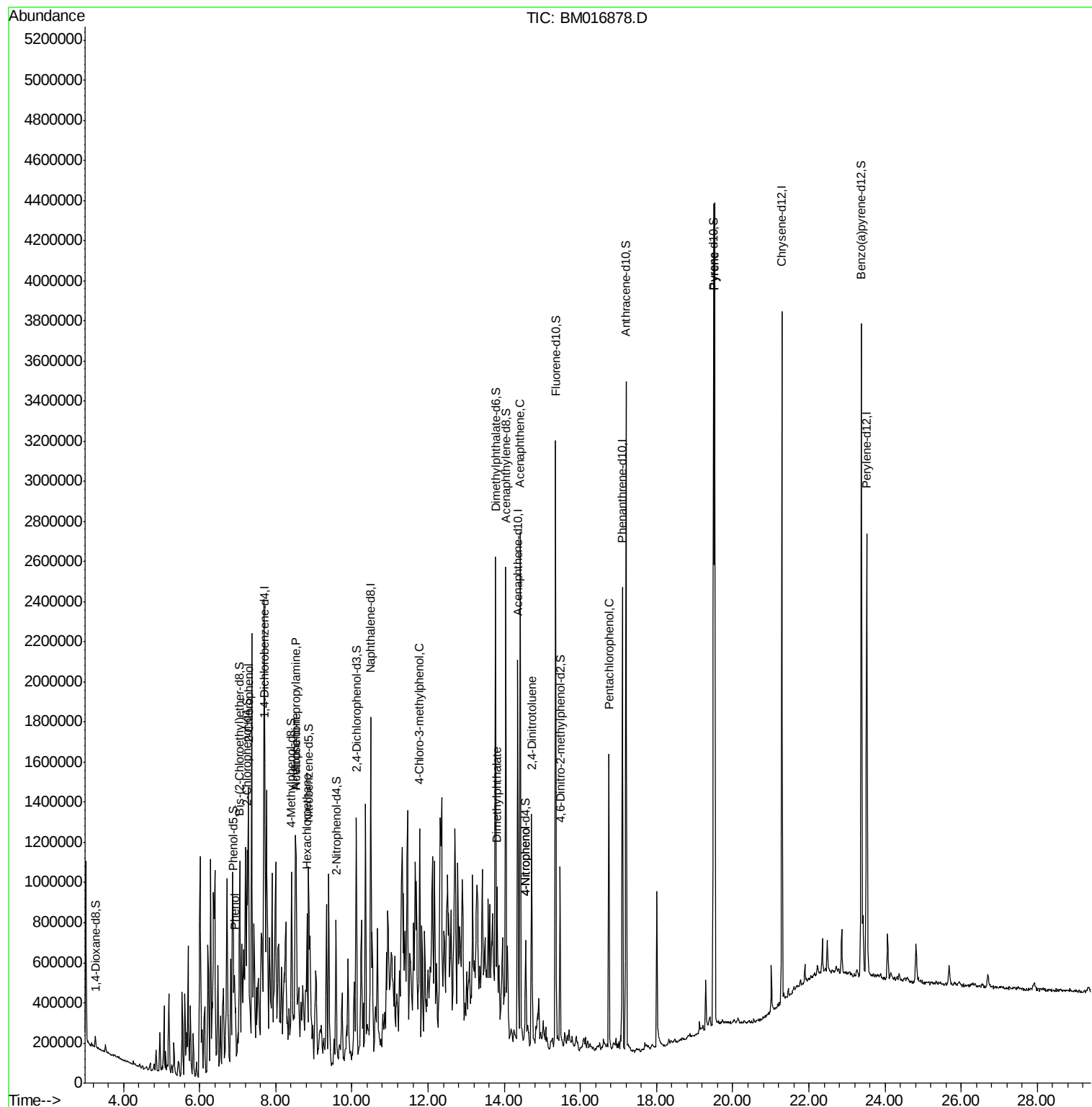
					Ovalue
6) Phenol	6.92	94	183613	9.146 ng/ul	98
10) 2-Chlorophenol	7.28	128	310116	18.810 ng/ul	97
14) Acetophenone	8.51	105	92787	3.847 ng/ul#	35
15) N-Nitroso-di-n-propylamine	8.52	70	295502	24.482 ng/ul	96
17) Hexachloroethane	8.82	117	48668	7.516 ng/ul#	1
33) 4-Chloro-3-methylphenol	11.78	107	362697	22.555 ng/ul	95
45) Dimethylphthalate	13.82	163	348445	7.236 ng/ul	99
50) Acenaphthene	14.42	153	1020717	23.866 ng/ul	99
53) 4-Nitrophenol	14.57	109	39186	6.288 ng/ul	85
55) 2,4-Dinitrotoluene	14.72	165	319880	29.410 ng/ul	99
69) Pentachlorophenol	16.75	266	264984	29.705 ng/ul	97
80) Pyrene	19.53	202	2393227	25.714 ng/ul#	88

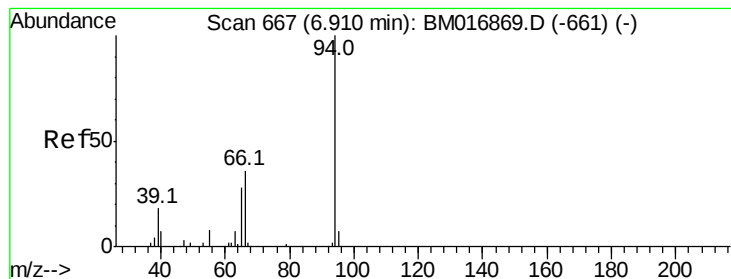
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 04:03:47 2018
Response via : Initial Calibration





#6

Phenol

Concen: 9.146 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

Instrument :

BNA_M

ClientSampleId :

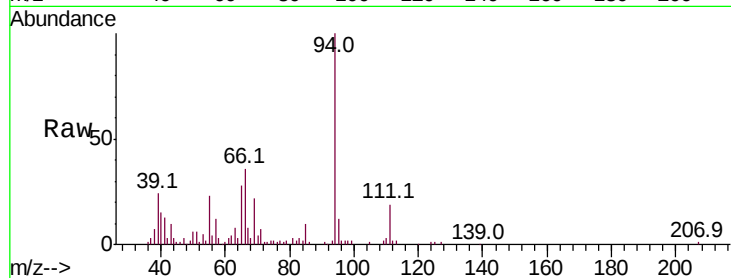
Tot Ion: 94 Resp: 183613

Ion Ratio Lower Upper

94 100

65 28.0 23.0 34.6

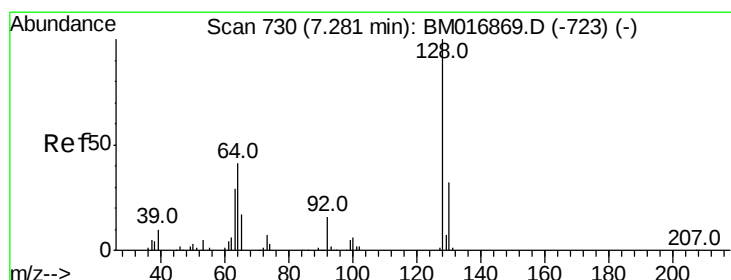
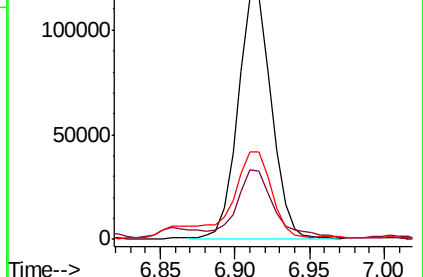
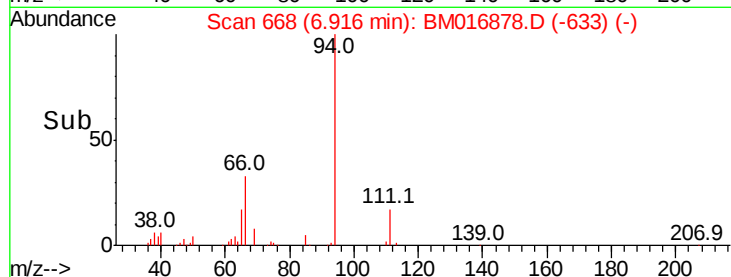
66 36.1 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016878.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016878.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016878.D (-661) (-)



#10

2-Chlorophenol

Concen: 18.810 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

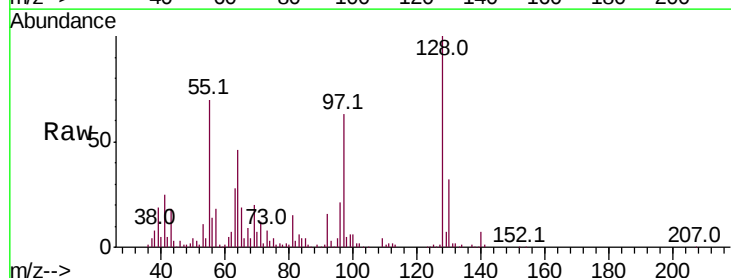
Tgt Ion:128 Resp: 310116

Ion Ratio Lower Upper

128 100

64 46.3 39.8 59.6

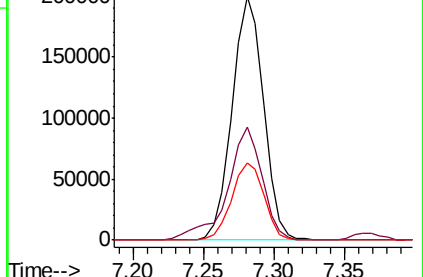
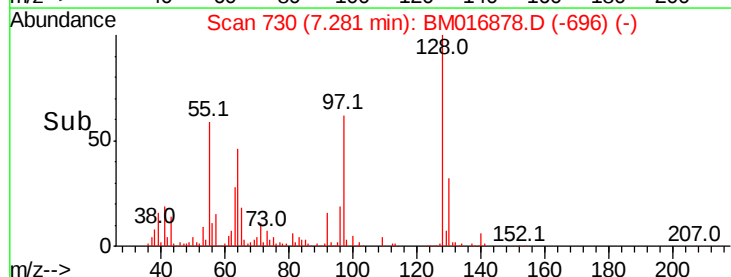
130 31.6 25.8 38.8

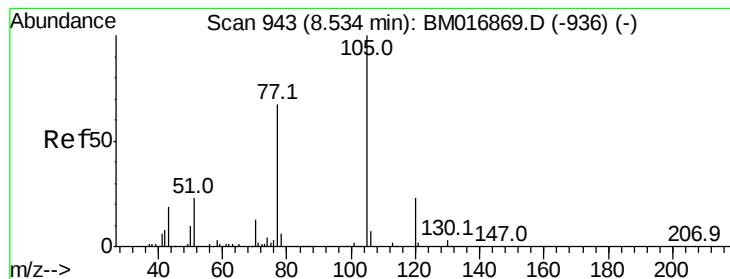


Abundance Ion 128.00 (127.70 to 128.70): BM016878.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM016878.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM016878.D (-696) (-)





#14

Acetophenone

Concen: 3.847 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.02 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

Instrument :

BNA_M

ClientSampleId :

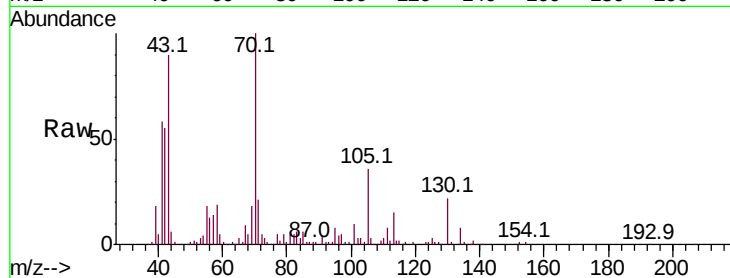
Tot Ion:105 Resp: 92787

Ion Ratio Lower Upper

105 100

77 14.0 63.2 94.8#

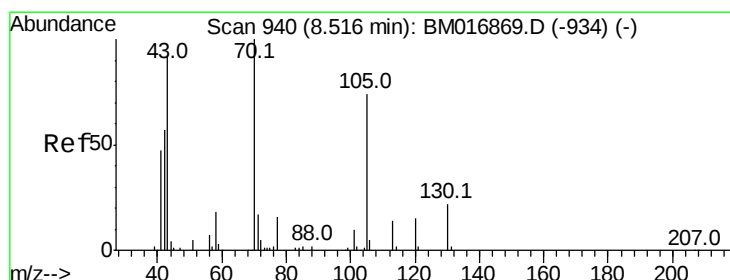
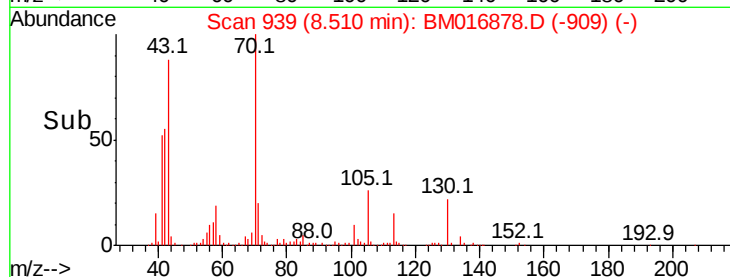
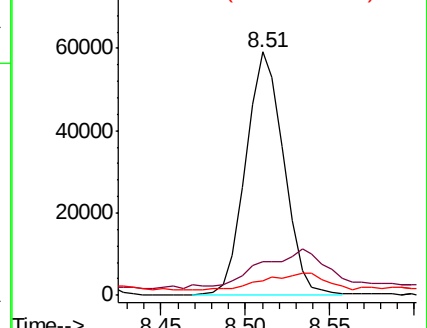
51 6.0 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#15

N-Nitroso-di-n-propylamine

Concen: 24.482 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.00 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

Tgt Ion: 70 Resp: 295502

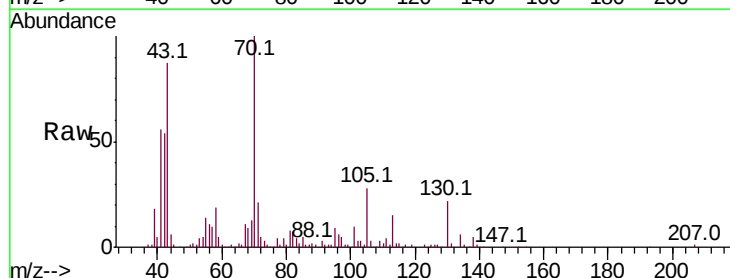
Ion Ratio Lower Upper

70 100

42 54.3 40.2 60.4

101 9.9 7.7 11.5

130 21.9 17.8 26.6

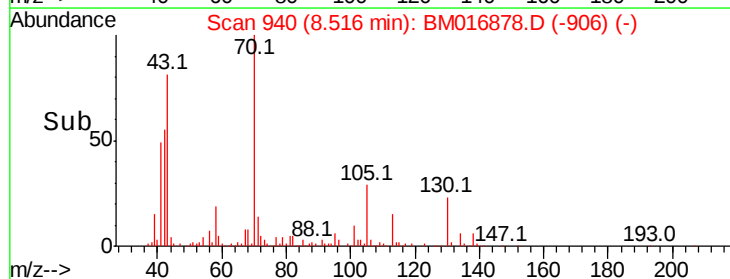
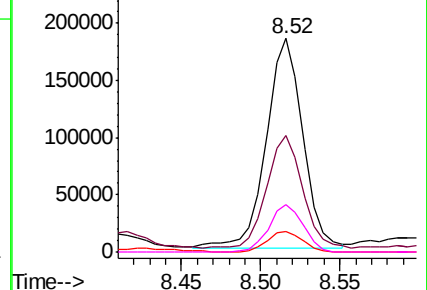


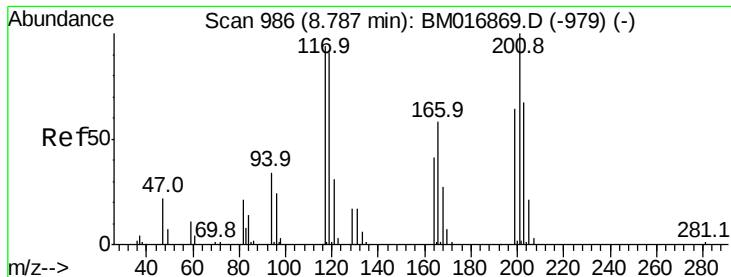
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#17

Hexachloroethane

Concen: 7.516 ng/ul

RT: 8.82 min Scan# 991

Delta R.T. 0.03 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

Instrument :

BNA_M

ClientSampleId :

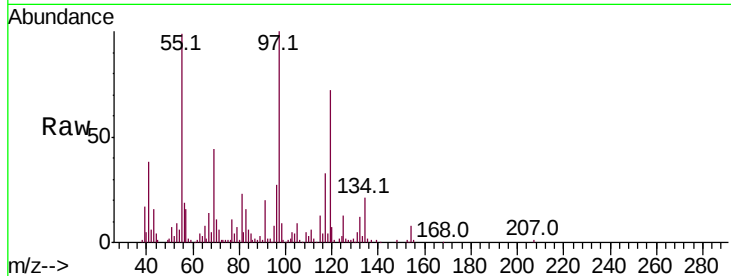
Tot Ion:117 Resp: 48668

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

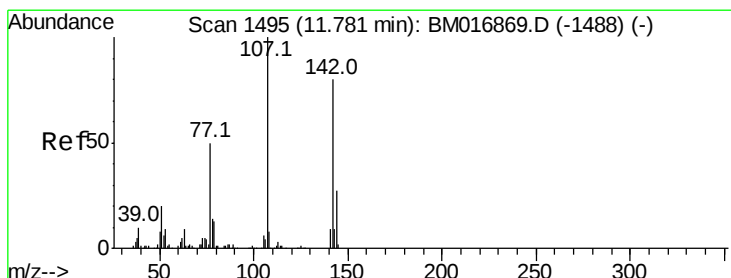
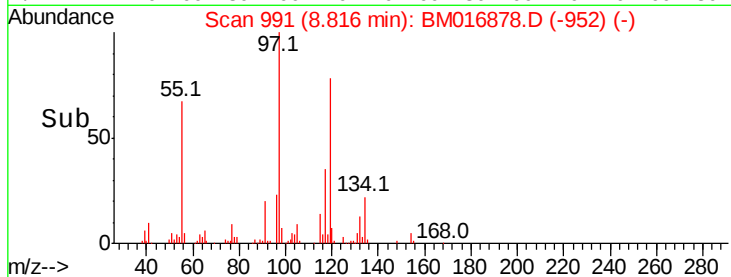
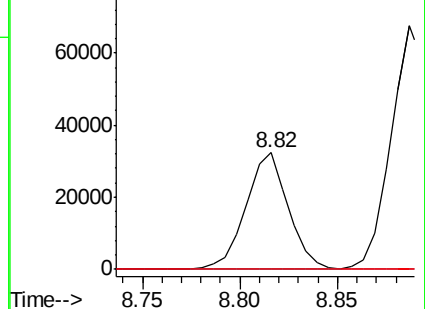
199 0.0 59.7 89.5#



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



#33

4-Chloro-3-methylphenol

Concen: 22.555 ng/ul

RT: 11.78 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

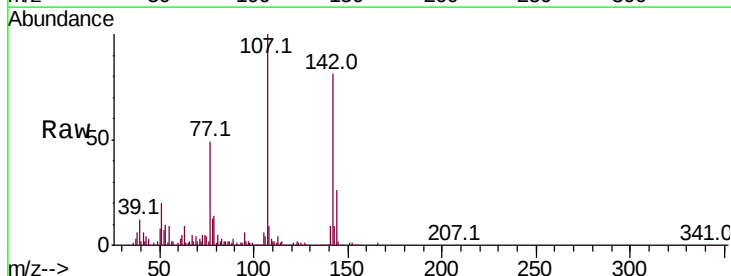
Tgt Ion:107 Resp: 362697

Ion Ratio Lower Upper

107 100

144 26.3 21.1 31.7

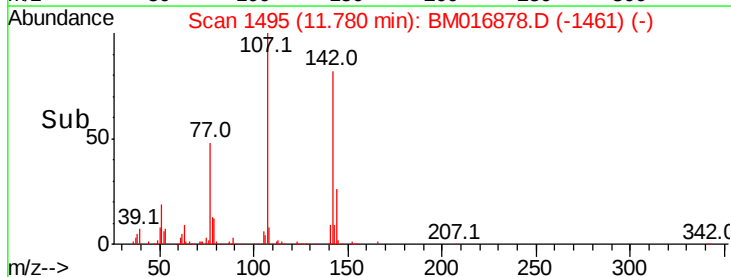
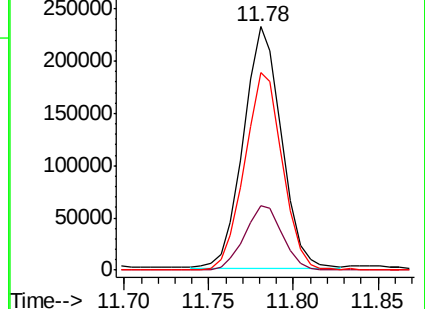
142 81.3 60.1 90.1

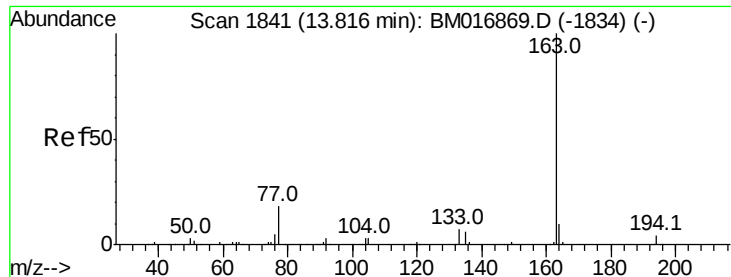


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

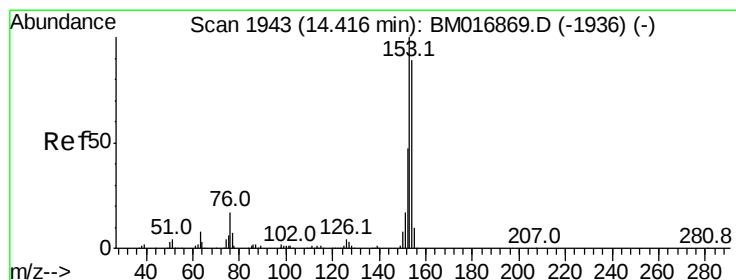
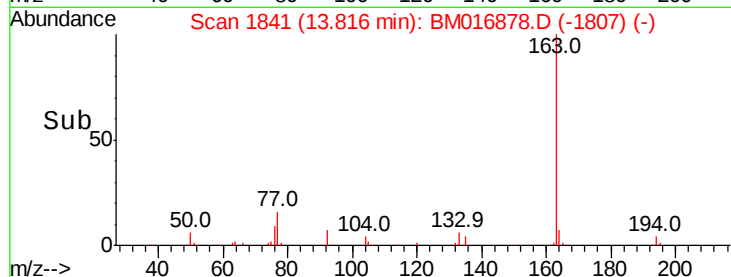
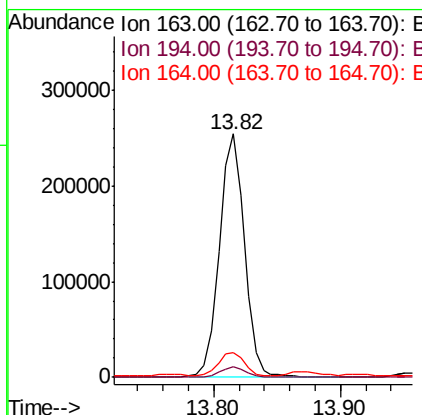
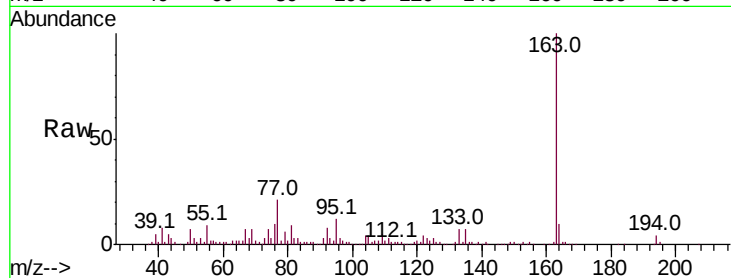




#45
Dimethylphthalate
Concen: 7.236 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM016878.D
Acq: 24 Sep 2018 16:08

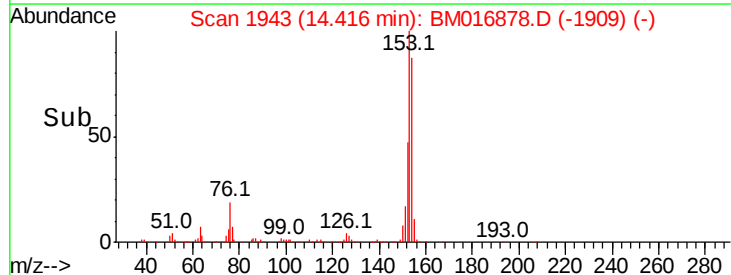
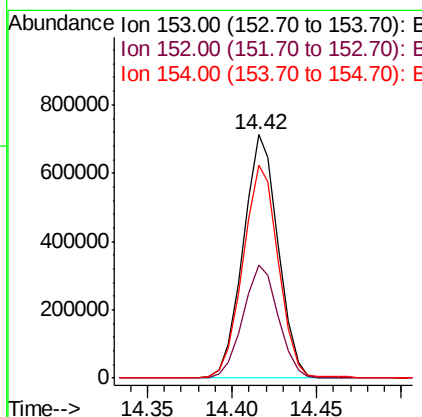
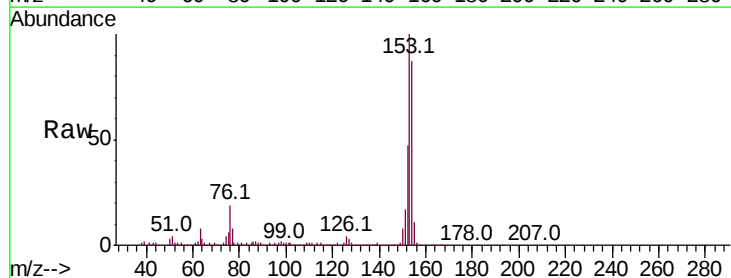
Instrument :
BNA_M
ClientSampleId :

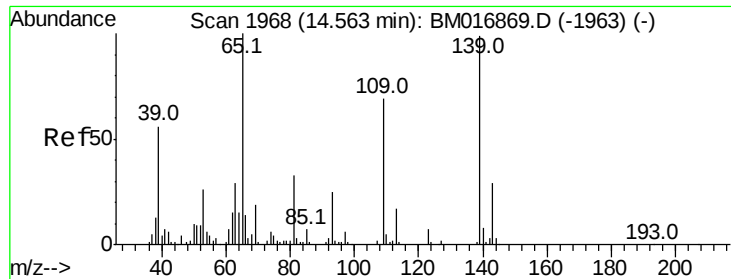
Tot Ion:163 Resp: 348445
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.4 8.4 12.6



#50
Acenaphthene
Concen: 23.866 ng/ul
RT: 14.42 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BM016878.D
Acq: 24 Sep 2018 16:08

Tgt Ion:153 Resp: 1020717
Ion Ratio Lower Upper
153 100
152 46.7 37.9 56.9
154 87.4 69.8 104.6

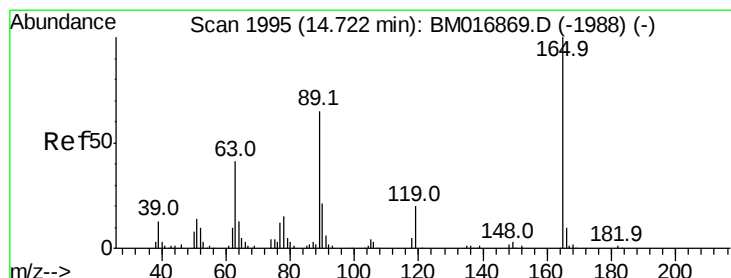
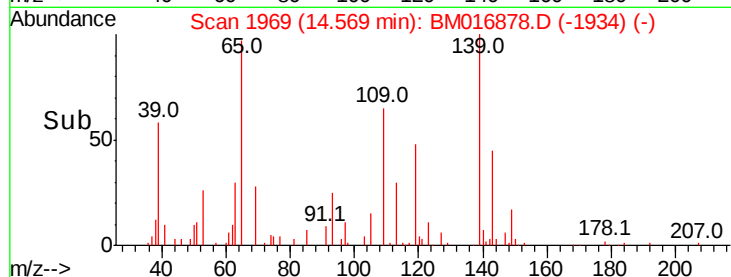
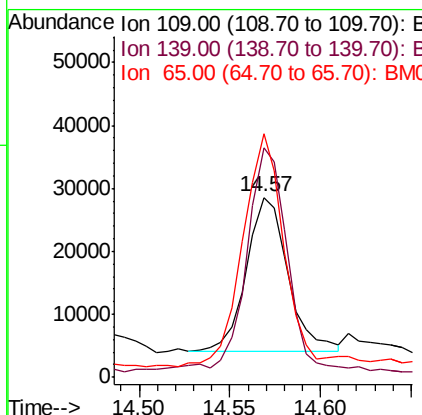
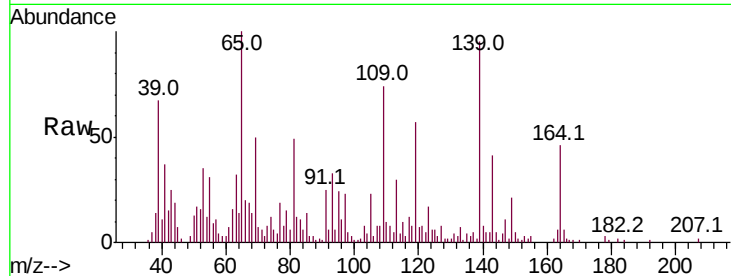




#53
4-Nitrophenol
Concen: 6.288 ng/ul
RT: 14.57 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BM016878.D
Acq: 24 Sep 2018 16:08

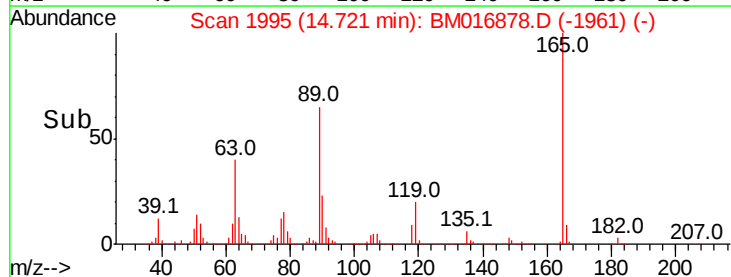
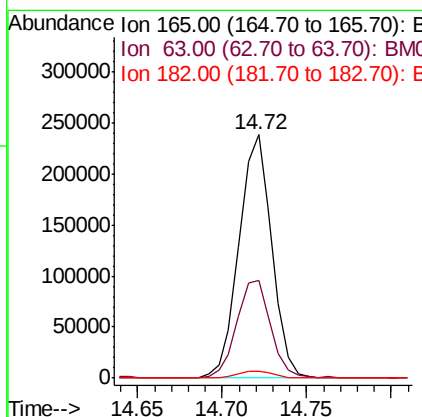
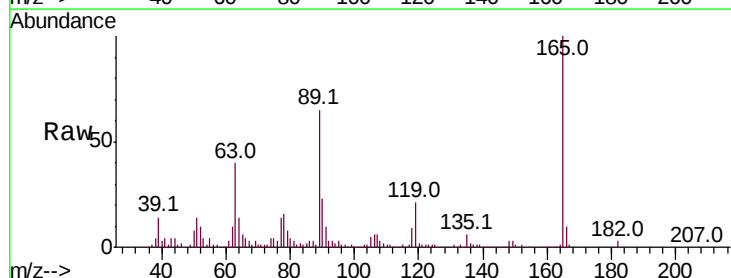
Instrument :
BNA_M
ClientSampled :

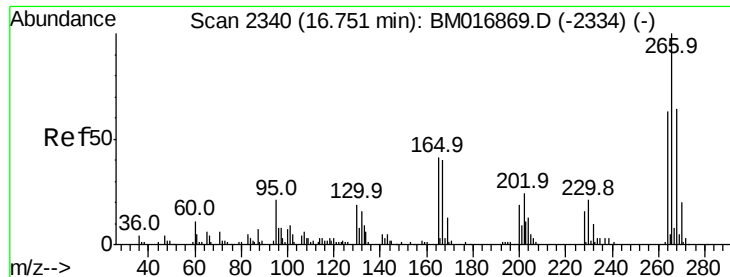
Tot Ion:109 Resp: 39186
Ion Ratio Lower Upper
109 100
139 127.8 91.2 136.8
65 135.2 92.6 139.0



#55
2,4-Dinitrotoluene
Concen: 29.410 ng/ul
RT: 14.72 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BM016878.D
Acq: 24 Sep 2018 16:08

Tgt Ion:165 Resp: 319880
Ion Ratio Lower Upper
165 100
63 39.9 31.4 47.0
182 3.0 2.7 4.1





#69

Pentachlorophenol

Concen: 29.705 ng/ul

RT: 16.75 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

Instrument :

BNA_M

ClientSampleId :

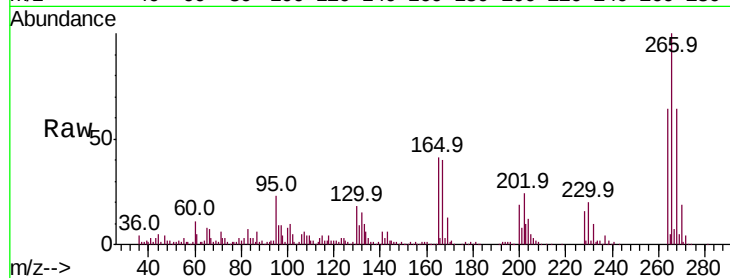
Tot Ion:266 Resp: 264984

Ion Ratio Lower Upper

266 100

264 64.1 48.2 72.4

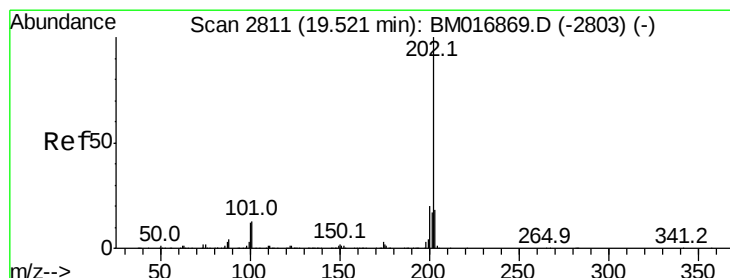
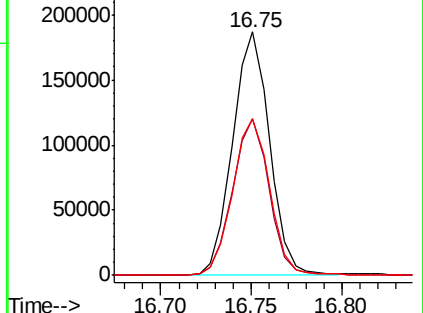
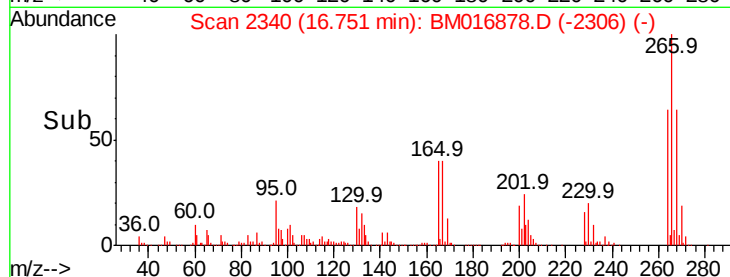
268 64.2 52.3 78.5



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



#80

Pyrene

Concen: 25.714 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BM016878.D

Acq: 24 Sep 2018 16:08

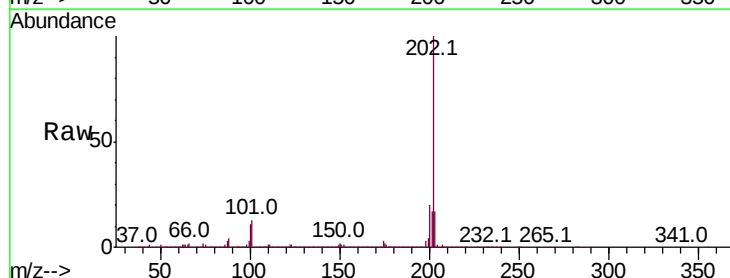
Tgt Ion:202 Resp: 2393227

Ion Ratio Lower Upper

202 100

101 13.1 6.9 10.3#

100 10.8 5.6 8.4#



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

