

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
 Data File : BM016779.D
 Acq On : 17 Sep 2018 22:04
 Operator : SJ/JU
 Sample : J4874-24MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3ZB9MS

Quant Time: Sep 18 01:55:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 18 01:29:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	232583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	947739	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	492308	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1082107	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1165780	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1255897	20.00	ng/ul	0.00

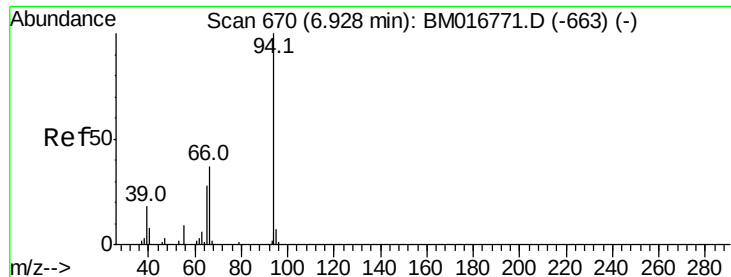
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	34518	6.35	ng/uL	0.00
5) Phenol-d5	6.90	99	203289	10.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	465106	38.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	542604	33.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	341585	22.50	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	293202	47.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	271378	47.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	542295	37.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	48934	2.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1714533	43.37	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	2185151	42.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	61957	9.55	ng/ul	0.00
58) Fluorene-d10	15.36	176	1557035	45.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	184122	41.45	ng/ul	0.00
71) Anthracene-d10	17.22	188	2382307	45.63	ng/ul	0.00
79) Pyrene-d10	19.51	212	2638480	46.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	3013296	46.00	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.92	94	184527	9.423	ng/ul 98
10) 2-Chlorophenol	7.29	128	473111	29.420	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	416043	35.338	ng/ul 93
33) 4-Chloro-3-methylphenol	11.79	107	438668	30.279	ng/ul 94
50) Acenaphthene	14.43	153	1327603	38.695	ng/ul 100
53) 4-Nitrophenol	14.57	109	47973	9.596	ng/ul# 79
55) 2,4-Dinitrotoluene	14.73	165	378828	43.417	ng/ul 95
69) Pentachlorophenol	16.76	266	271874	38.157	ng/ul 97
80) Pvrene	19.54	202	3038124	42.443	ng/ul# 89

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



#6

Phenol

Concen: 9.423 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016779.D

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Instrument :

BNA_M

ClientSampleId :

A3ZB9MS

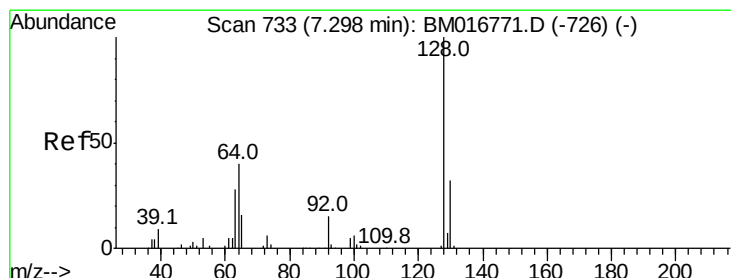
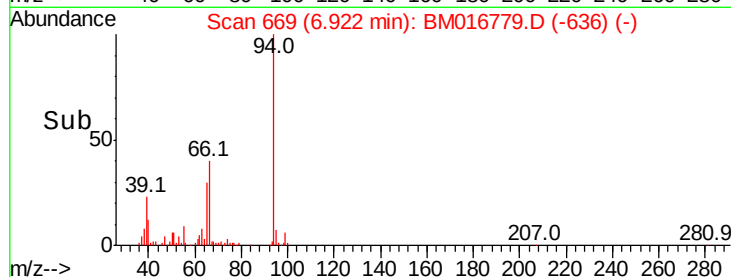
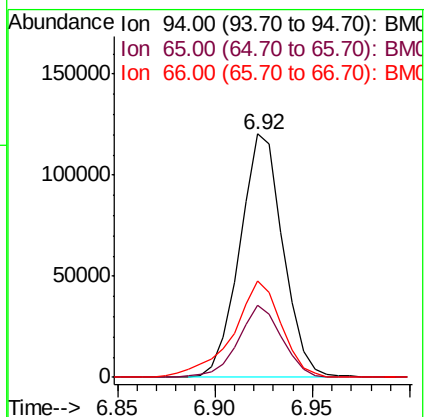
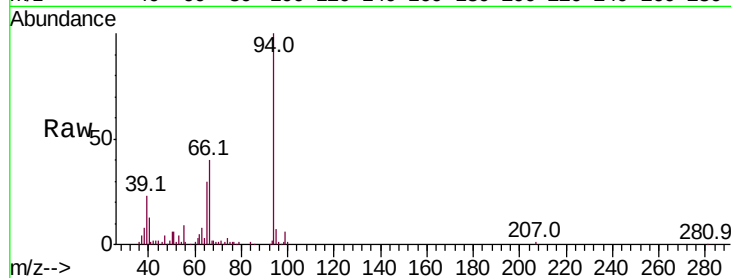
Tot Ion: 94 Resp: 184527

Ion Ratio Lower Upper

94 100

65 29.6 23.0 34.6

66 39.8 30.4 45.6



#10

2-Chlorophenol

Concen: 29.420 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. -0.01 min

Lab File: BM016779.D

Acq: 17 Sep 2018 22:04

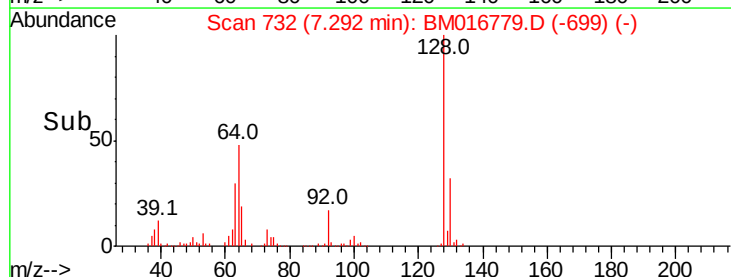
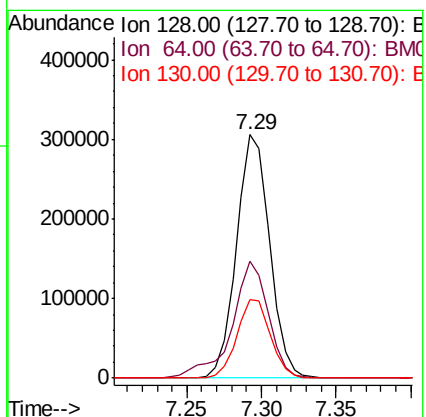
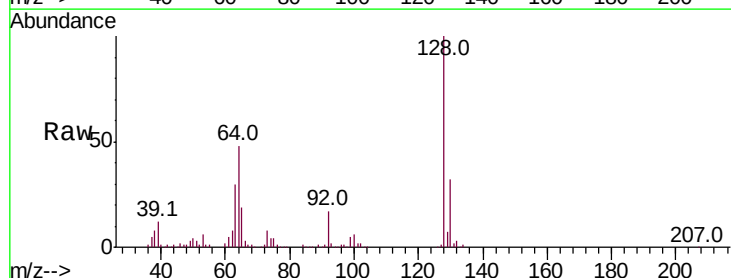
Tgt Ion: 128 Resp: 473111

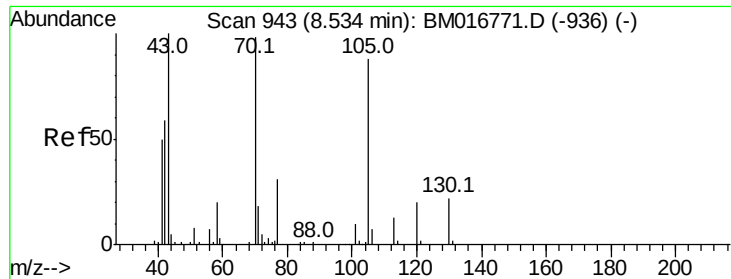
Ion Ratio Lower Upper

128 100

64 48.0 39.8 59.6

130 32.0 25.8 38.8

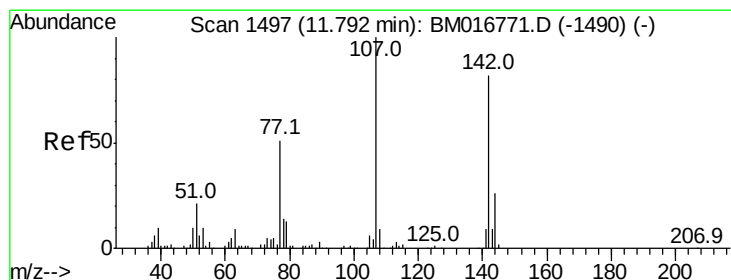
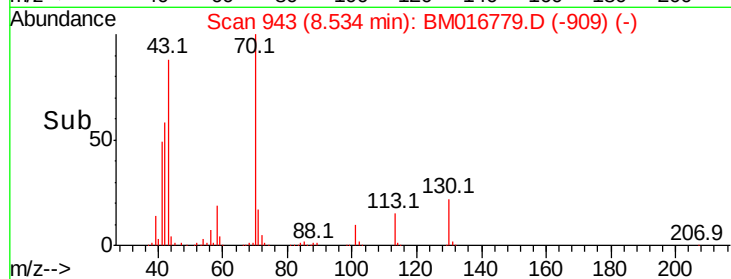
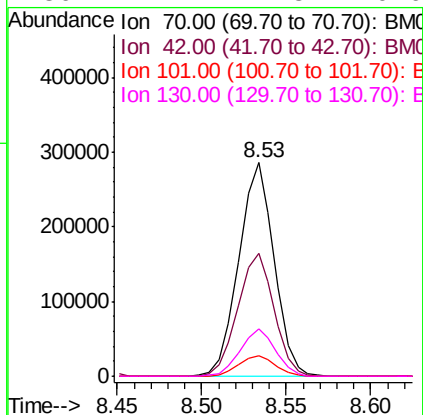
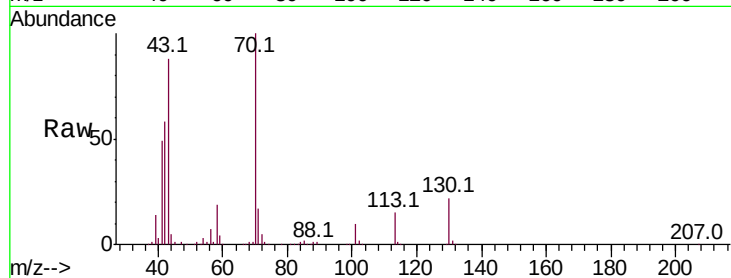




#15
 N-Nitroso-di-n-propylamine
 Concen: 35.338 ng/ul
 RT: 8.53 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM016779.D
 Acq: 17 Sep 2018 22:04

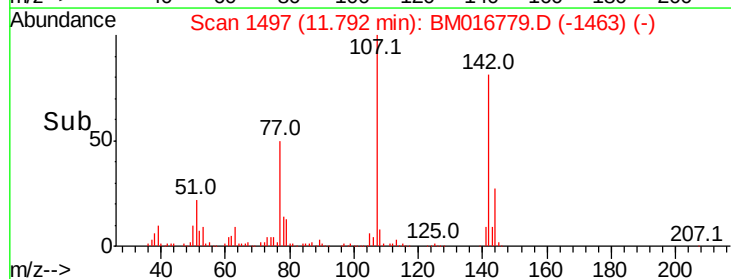
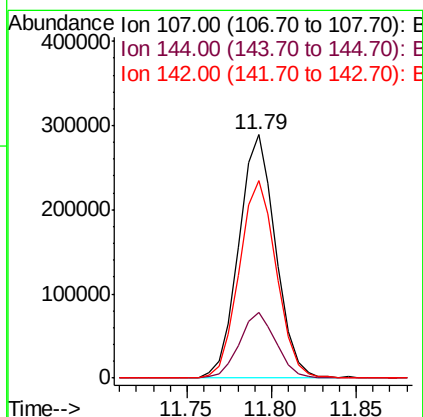
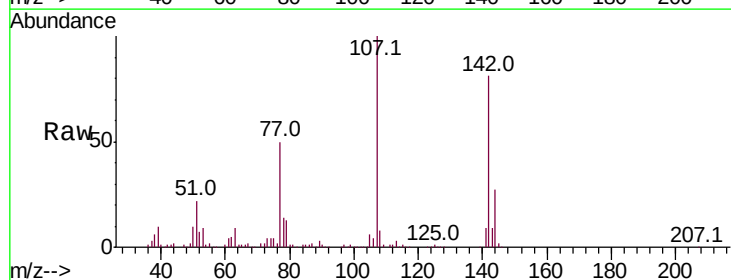
Instrument :
 BNA_M
 ClientSampleId :
 A3ZB9MS

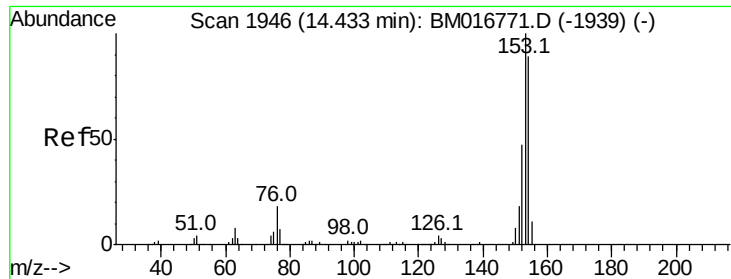
Tot Ion:	70	Resp:	416043
Ion	Ratio	Lower	Upper
70	100		
42	57.5	40.2	60.4
101	9.7	7.7	11.5
130	22.1	17.8	26.6



#33
 4-Chloro-3-methylphenol
 Concen: 30.279 ng/ul
 RT: 11.79 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BM016779.D
 Acq: 17 Sep 2018 22:04

Tgt Ion:	107	Resp:	438668
Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.1	31.7
142	81.4	60.1	90.1





#50

Acenaphthene

Concen: 38.695 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM016779.D

Acq: 17 Sep 2018 22:04

Instrument :

BNA_M

ClientSampleId :

A3ZB9MS

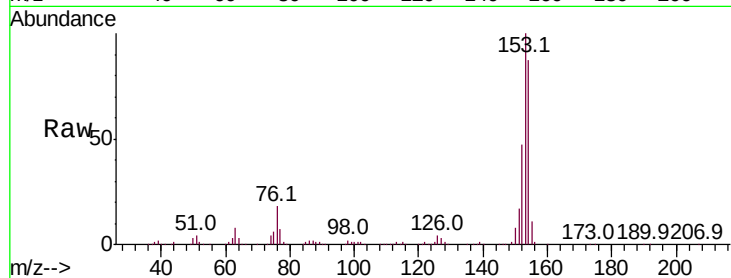
Tot Ion:153 Resp: 1327603

Ion Ratio Lower Upper

153 100

152 47.2 37.9 56.9

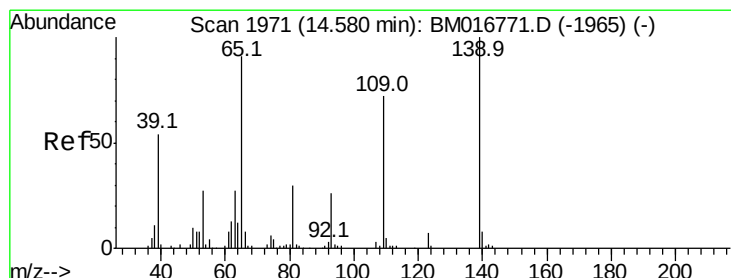
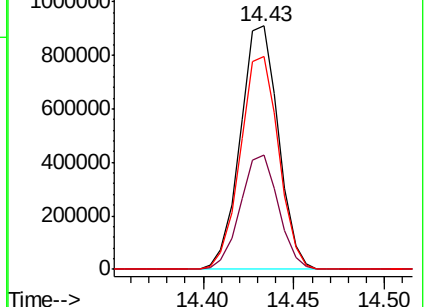
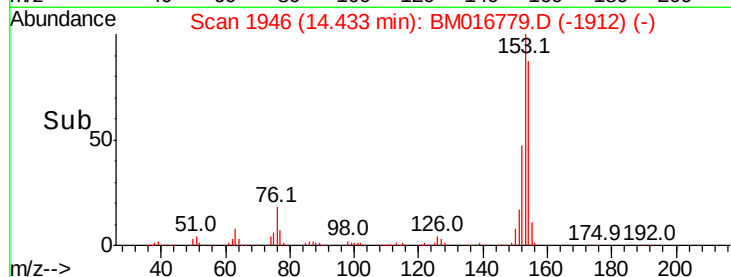
154 87.3 69.8 104.6



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



#53

4-Nitrophenol

Concen: 9.596 ng/ul

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM016779.D

Acq: 17 Sep 2018 22:04

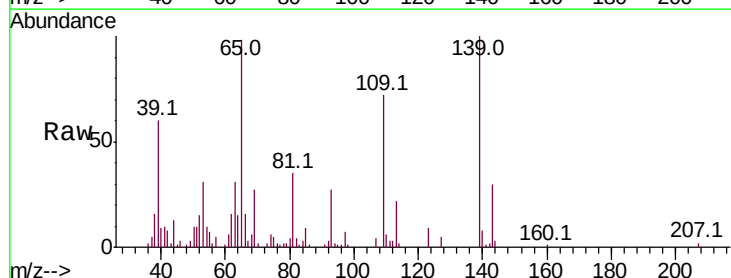
Tgt Ion:109 Resp: 47973

Ion Ratio Lower Upper

109 100

139 139.2 91.2 136.8#

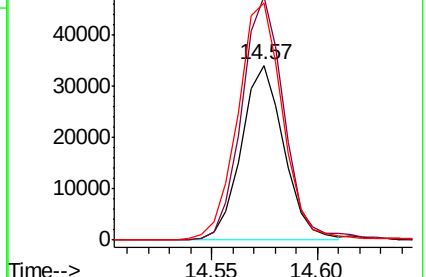
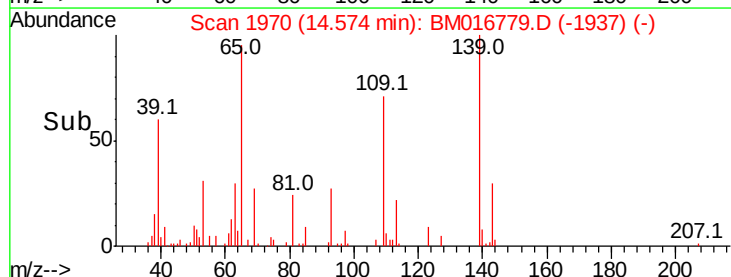
65 135.8 92.6 139.0

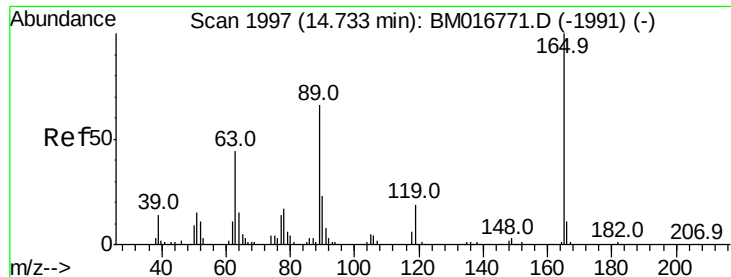


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

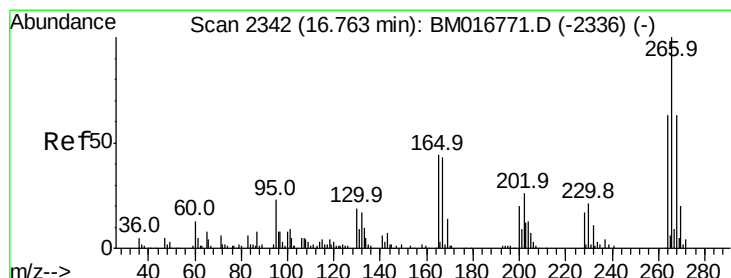
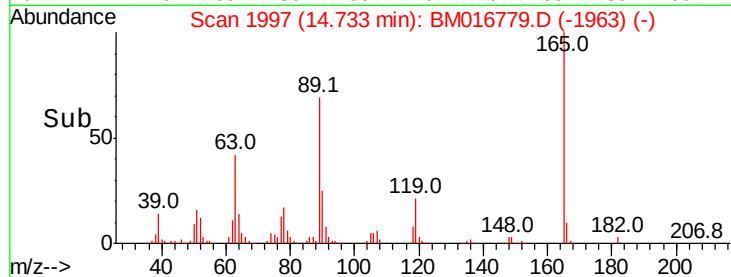
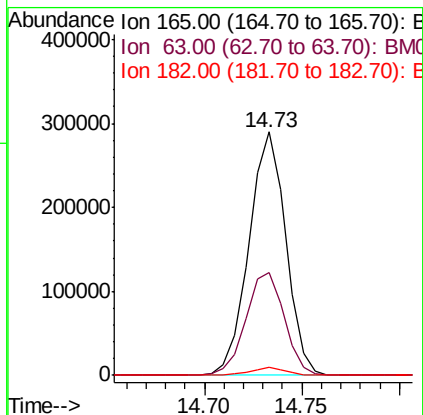
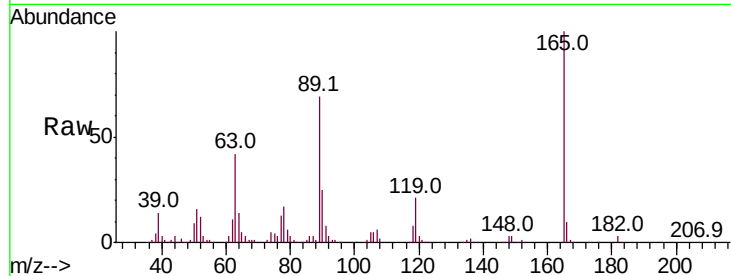




#55
 2,4-Dinitrotoluene
 Concen: 43.417 ng/ul
 RT: 14.73 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BM016779.D
 Acq: 17 Sep 2018 22:04

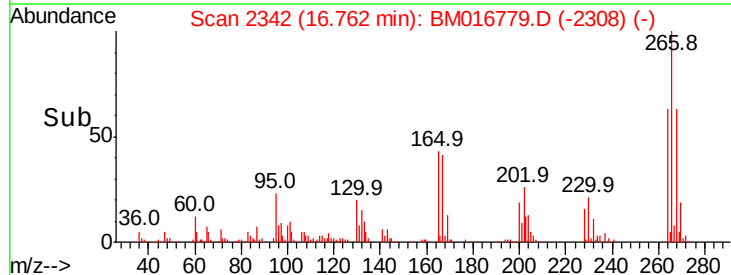
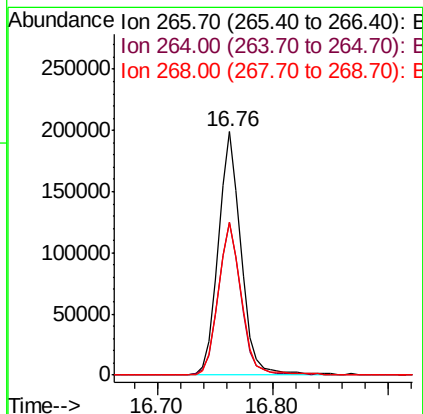
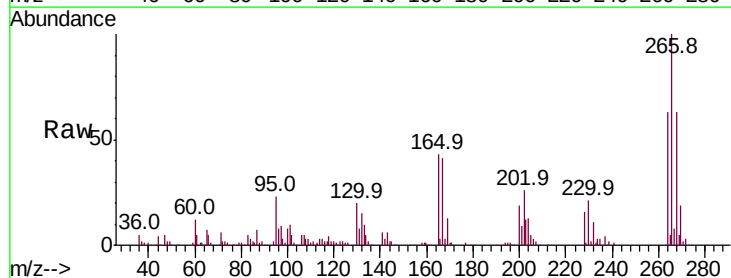
Instrument :
 BNA_M
 ClientSampleId :
 A3ZB9MS

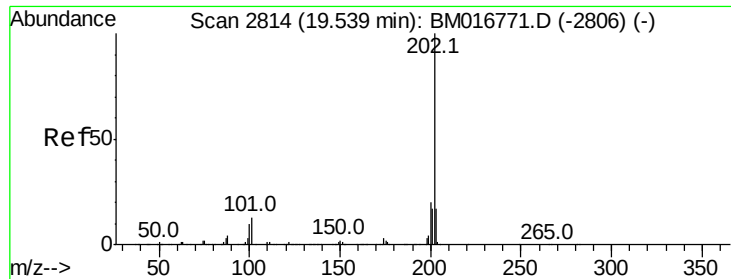
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	31.4	47.0
182	3.2	2.7	4.1



#69
 Pentachlorophenol
 Concen: 38.157 ng/ul
 RT: 16.76 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BM016779.D
 Acq: 17 Sep 2018 22:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.2	72.4
268	62.6	52.3	78.5

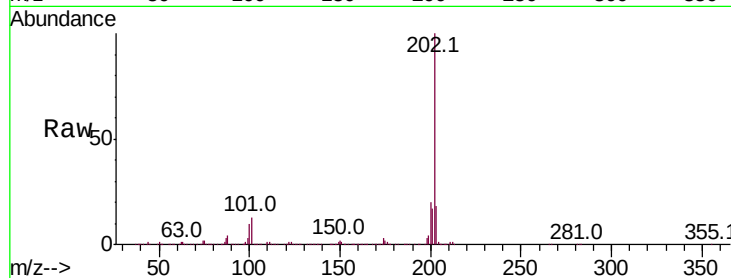




#80
 Pvrene
 Concen: 42.443 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BM016779.D
 Acq: 17 Sep 2018 22:04

Instrument :
 BNA_M
 ClientSampleId :
 A3ZB9MS

Tot Ion:202 Resp: 3038124
 Ion Ratio Lower Upper
 202 100
 101 12.8 6.9 10.3#
 100 10.5 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): B

