

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
 Data File : BM016749.D
 Acq On : 14 Sep 2018 12:34
 Operator : SJ/JU
 Sample : J4868-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 14 23:38:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 14 23:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	230522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	962517	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	520949	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1171291	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1323104	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1423519	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	33620	6.24	ng/uL	0.00
5) Phenol-d5	6.90	99	137746	7.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	391439	32.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	424158	26.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	255156	16.96	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	237882	37.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	214522	37.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	440174	30.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	1576	0.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1482096	35.43	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1846617	34.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	40002	5.83	ng/ul	0.00
58) Fluorene-d10	15.37	176	1326171	36.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	148190	30.82	ng/ul	0.00
71) Anthracene-d10	17.22	188	2054998	36.36	ng/ul	0.00
79) Pyrene-d10	19.52	212	2319709	36.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	2690981	36.24	ng/ul	0.00

Target Compounds

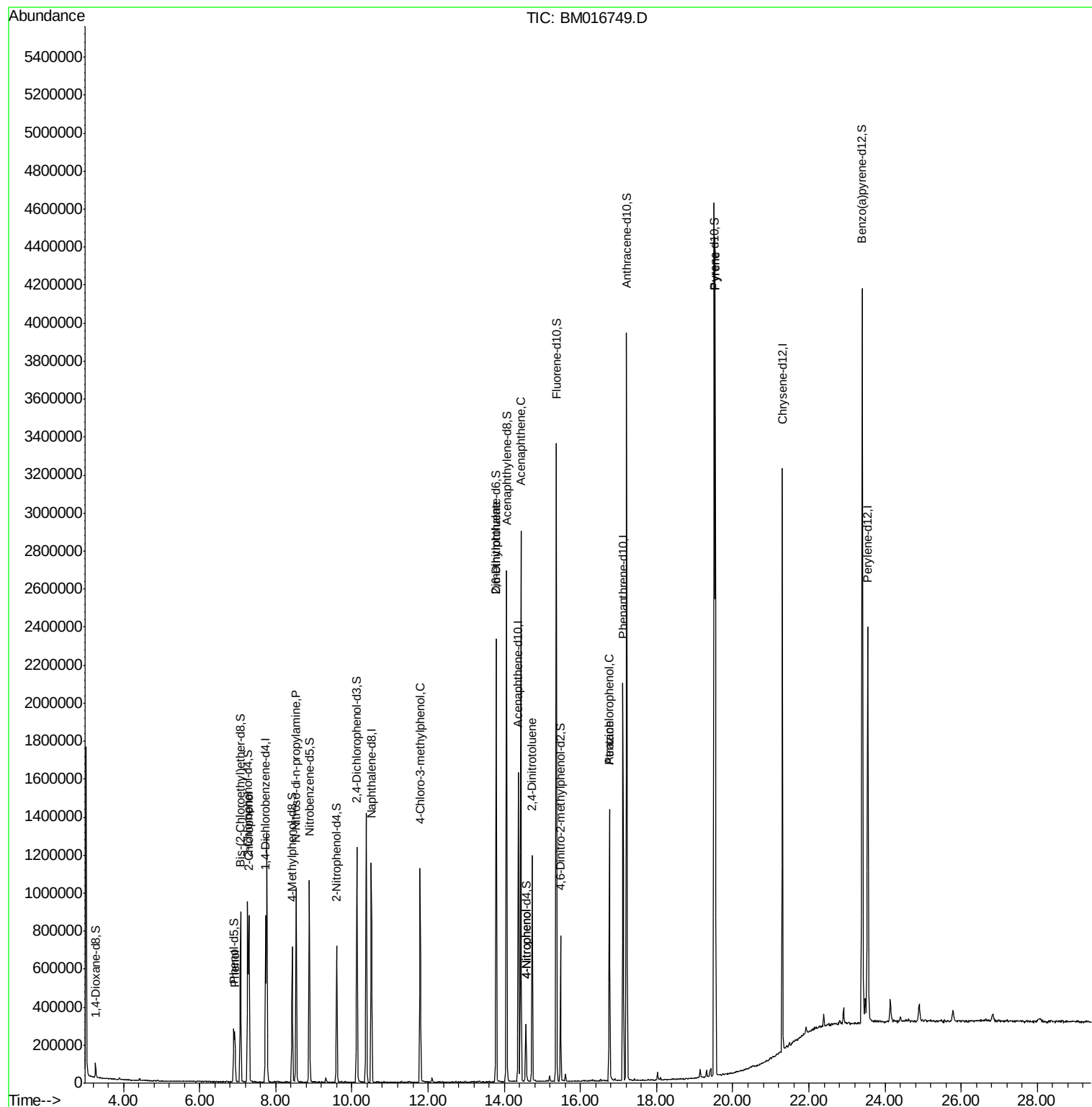
					Ovalue
6) Phenol	6.92	94	126566	6.521	ng/ul 98
10) 2-Chlorophenol	7.30	128	369742	23.198	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	344283	29.504	ng/ul 92
33) 4-Chloro-3-methylphenol	11.79	107	359564	24.438	ng/ul 95
46) 2,6-Dinitrotoluene	13.79	165	8544	1.361	ng/ul# 42
50) Acenaphthene	14.43	153	1117134	30.770	ng/ul 99
53) 4-Nitrophenol	14.57	109	32322	6.110	ng/ul 87
55) 2,4-Dinitrotoluene	14.73	165	299926	32.484	ng/ul 91
68) Atrazine	16.76	200	36612	2.859	ng/ul# 35
69) Pentachlorophenol	16.76	266	229763	29.792	ng/ul 96
80) Pyrene	19.54	202	2613736	32.172	ng/ul# 87

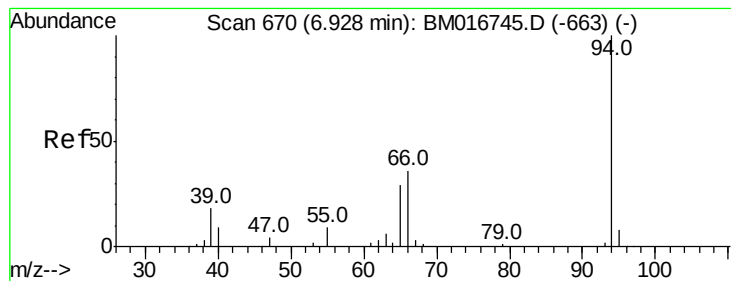
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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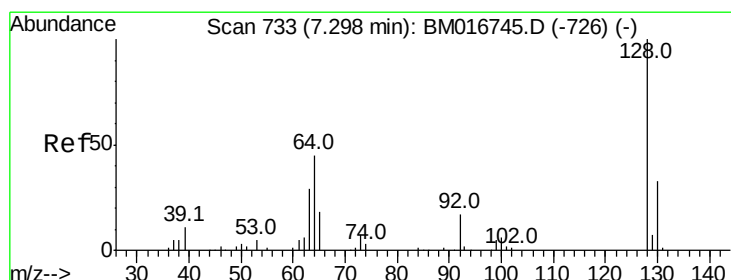
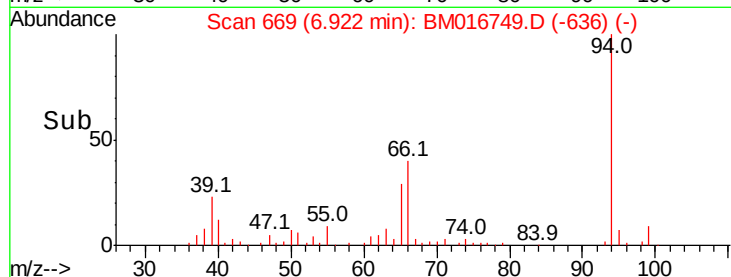
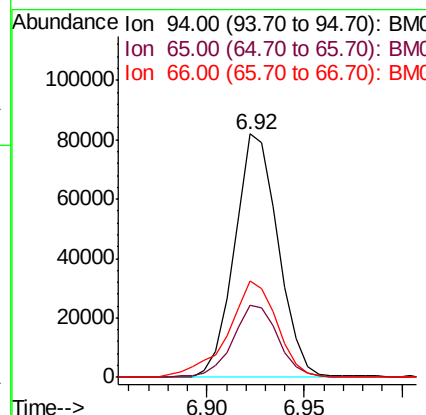
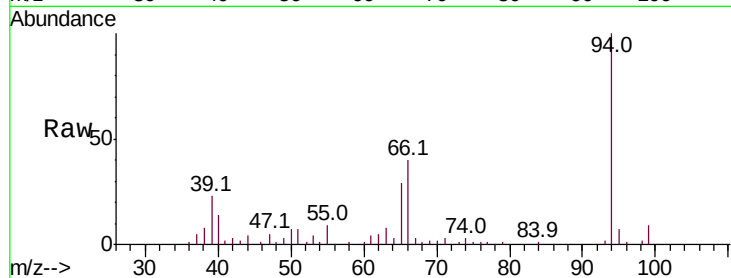
#6

Phenol

Concen: 6.521 ng/ul
 RT: 6.92 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BM016749.D
 Acq: 14 Sep 2018 12:34

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 126566
 Ion Ratio Lower Upper
 94 100
 65 29.4 23.0 34.6
 66 39.7 30.4 45.6

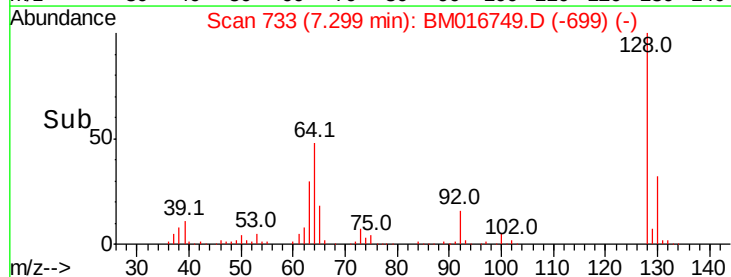
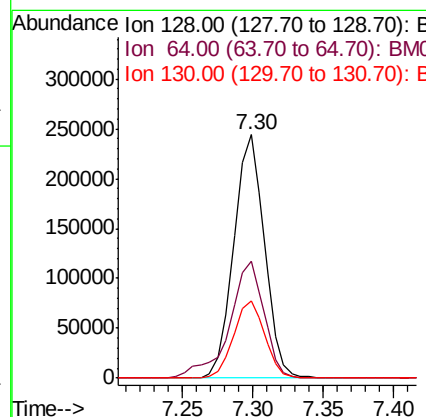
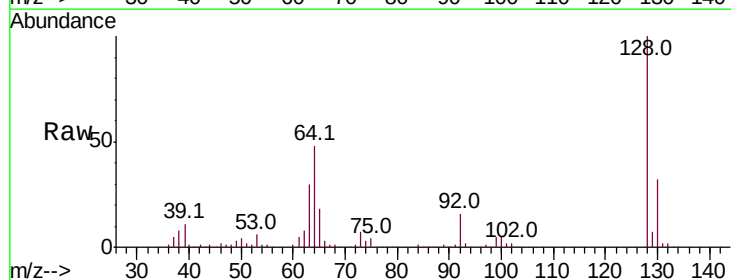


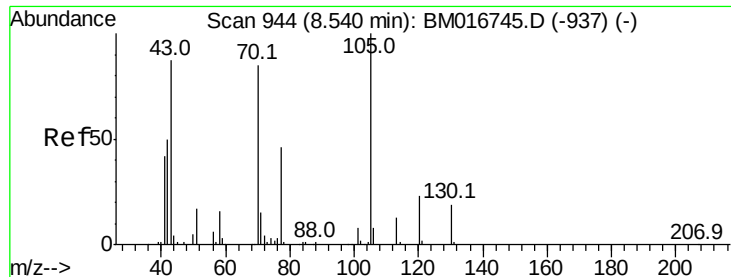
#10

2-Chlorophenol

Concen: 23.198 ng/ul
 RT: 7.30 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BM016749.D
 Acq: 14 Sep 2018 12:34

Tgt Ion: 128 Resp: 369742
 Ion Ratio Lower Upper
 128 100
 64 47.9 39.8 59.6
 130 31.8 25.8 38.8

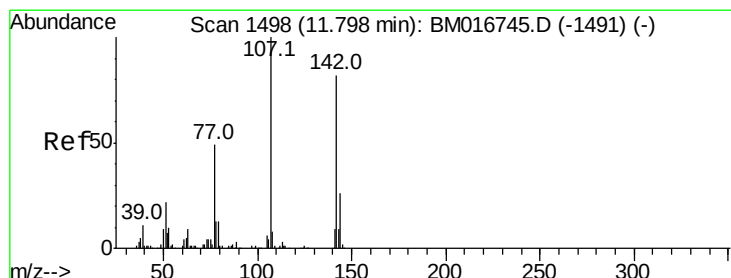
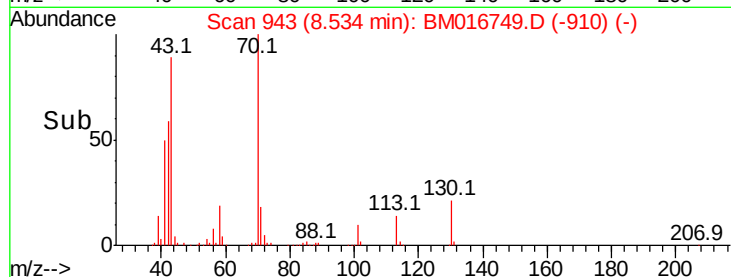
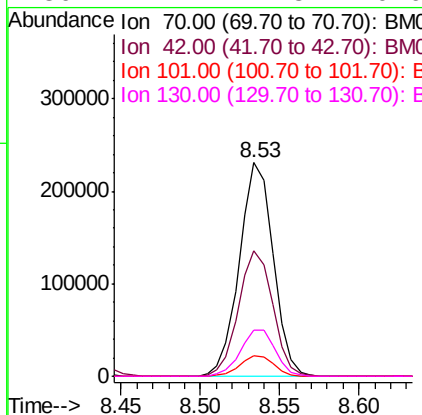
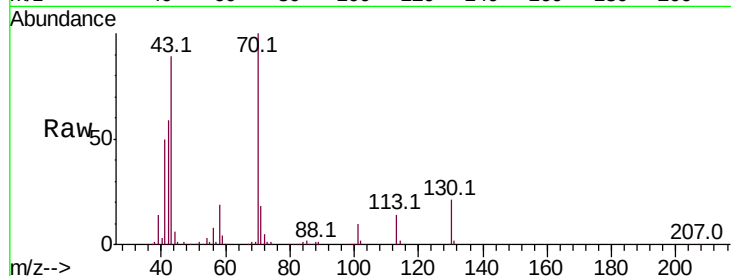




#15
N-Nitroso-di-n-propylamine
Concen: 29.504 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016749.D
Acq: 14 Sep 2018 12:34

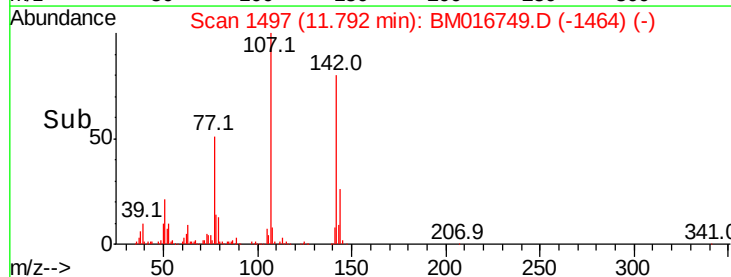
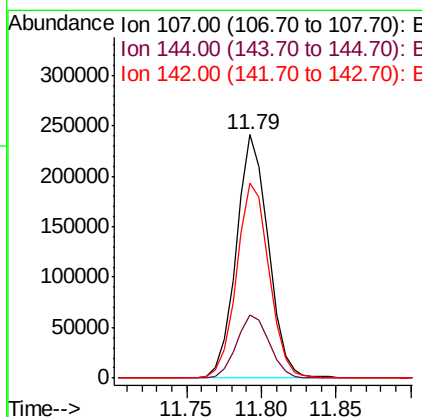
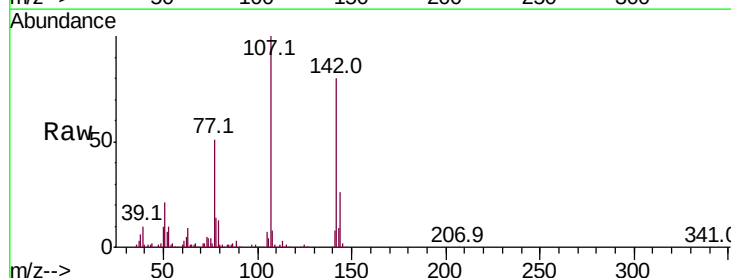
Instrument :
BNA_M
ClientSampleId :

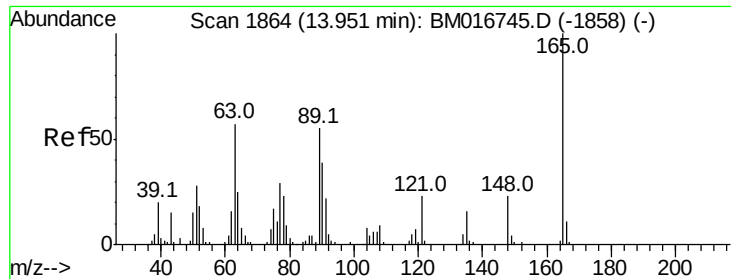
Tot Ion: 70 Resp: 344283
Ion Ratio Lower Upper
70 100
42 58.9 40.2 60.4
101 9.6 7.7 11.5
130 21.4 17.8 26.6



#33
4-Chloro-3-methylphenol
Concen: 24.438 ng/ul
RT: 11.79 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BM016749.D
Acq: 14 Sep 2018 12:34

Tgt Ion: 107 Resp: 359564
Ion Ratio Lower Upper
107 100
144 26.0 21.1 31.7
142 80.2 60.1 90.1

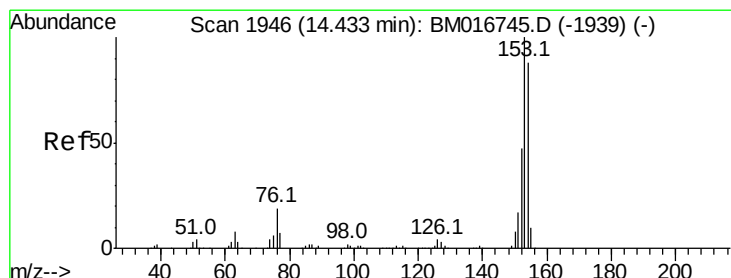
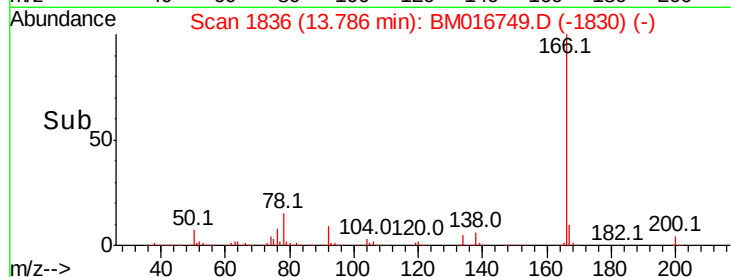
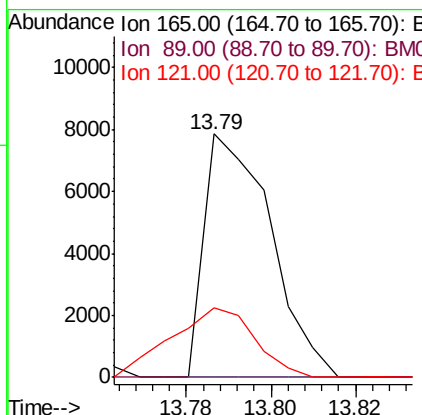
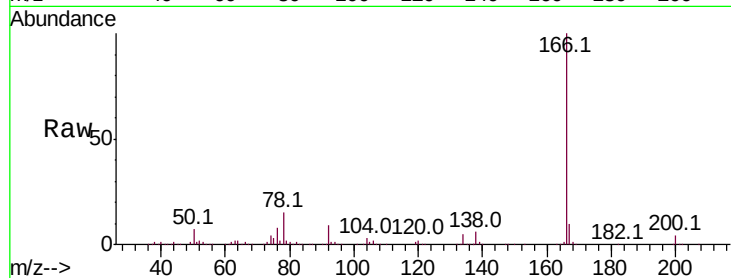




#46
 2,6-Dinitrotoluene
 Concen: 1.361 ng/ul
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.16 min
 Lab File: BM016749.D
 Acq: 14 Sep 2018 12:34

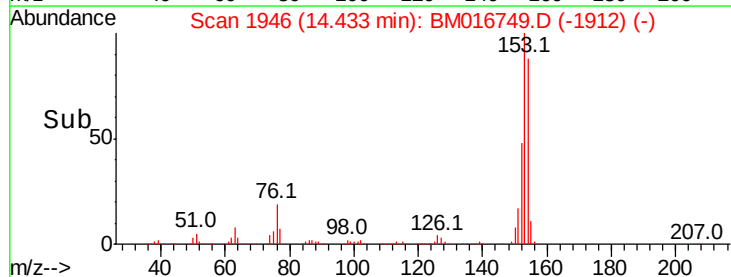
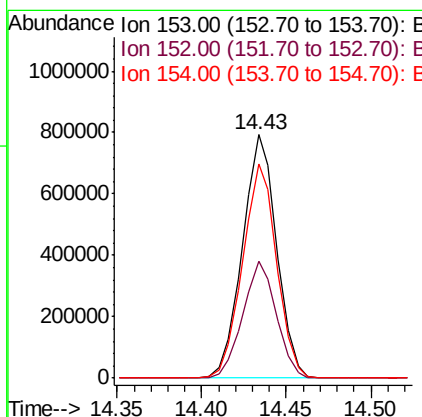
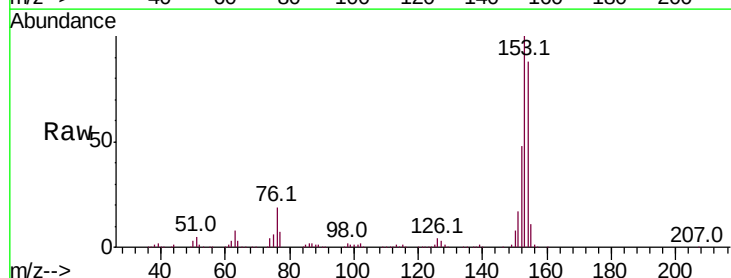
Instrument :
 BNA_M
 ClientSampled :

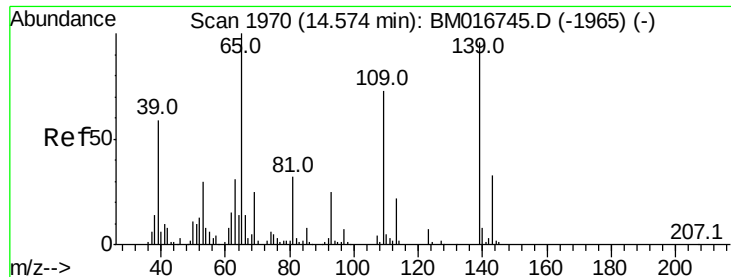
Tot Ion:165 Resp: 8544
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 28.3 17.8 26.6#



#50
 Acenaphthene
 Concen: 30.770 ng/ul
 RT: 14.43 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BM016749.D
 Acq: 14 Sep 2018 12:34

Tgt Ion:153 Resp: 1117134
 Ion Ratio Lower Upper
 153 100
 152 47.8 37.9 56.9
 154 88.1 69.8 104.6

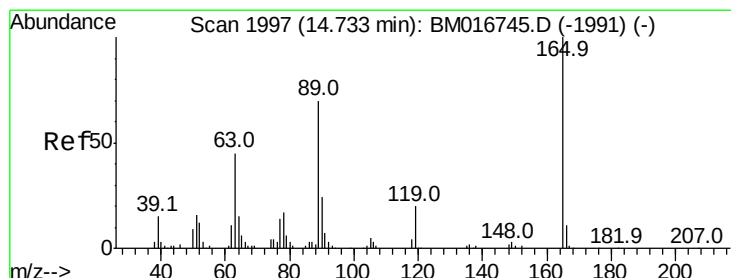
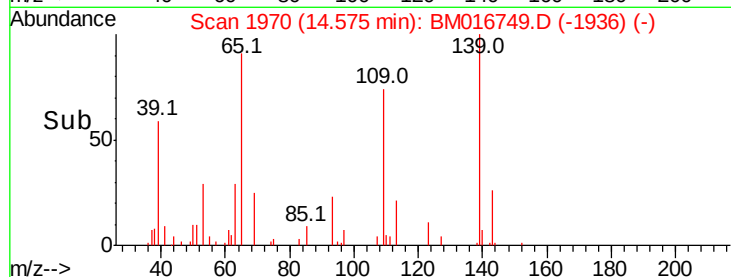
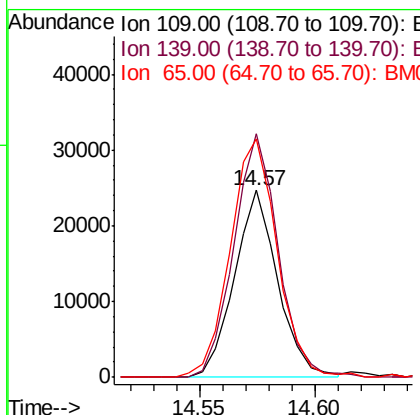
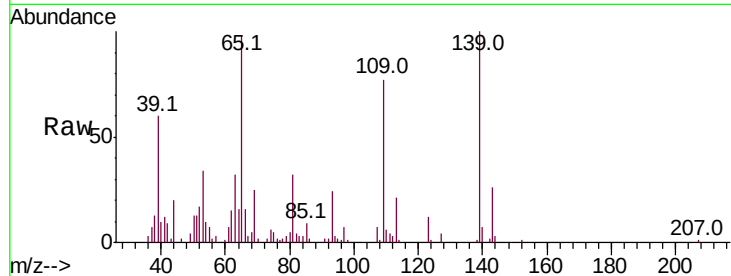




#53
4-Nitrophenol
Concen: 6.110 ng/ul
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM016749.D
Acq: 14 Sep 2018 12:34

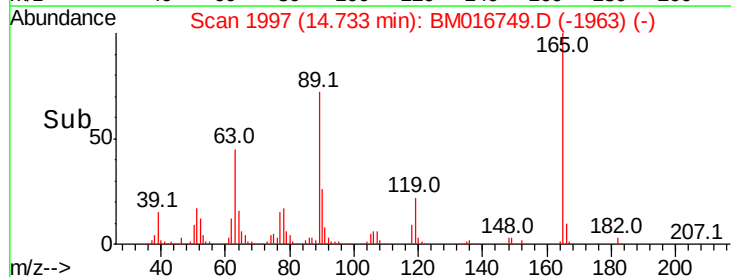
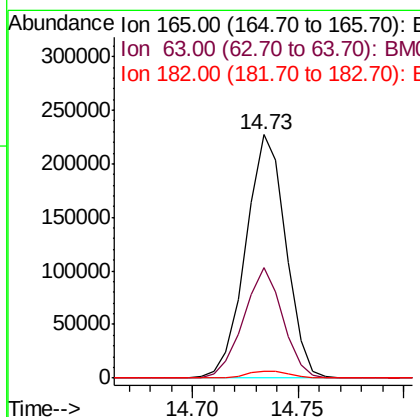
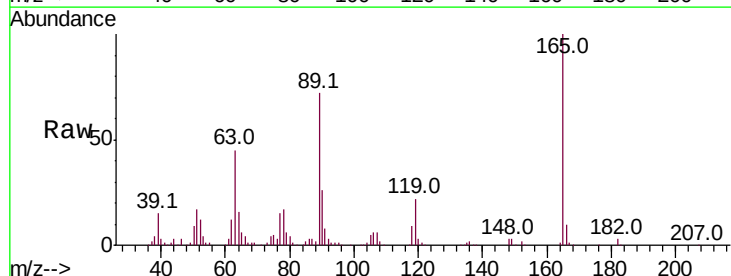
Instrument :
BNA_M
ClientSampleId :

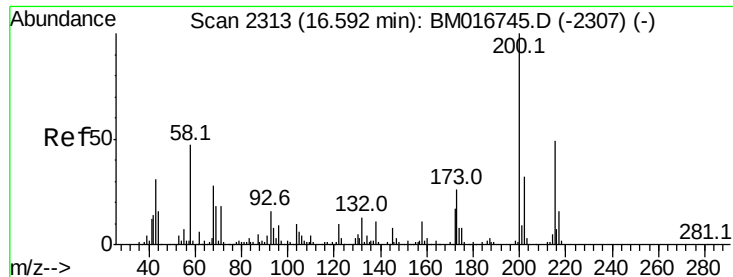
Tot Ion:109 Resp: 32322
Ion Ratio Lower Upper
109 100
139 130.3 91.2 136.8
65 127.4 92.6 139.0



#55
2,4-Dinitrotoluene
Concen: 32.484 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM016749.D
Acq: 14 Sep 2018 12:34

Tgt Ion:165 Resp: 299926
Ion Ratio Lower Upper
165 100
63 45.3 31.4 47.0
182 2.9 2.7 4.1





#68

Atrazine

Concen: 2.859 ng/ul

RT: 16.76 min Scan# 2342

Delta R.T. 0.17 min

Lab File: BM016749.D

Acq: 14 Sep 2018 12:34

Instrument :

BNA_M

ClientSampled :

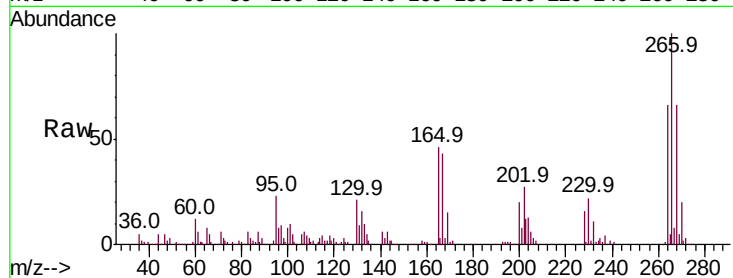
Tot Ion:200 Resp: 36612

Ion Ratio Lower Upper

200 100

173 0.0 20.6 31.0#

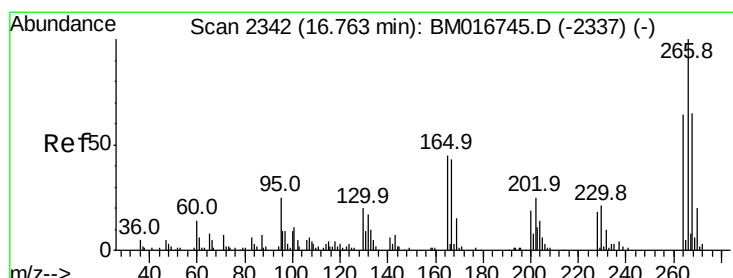
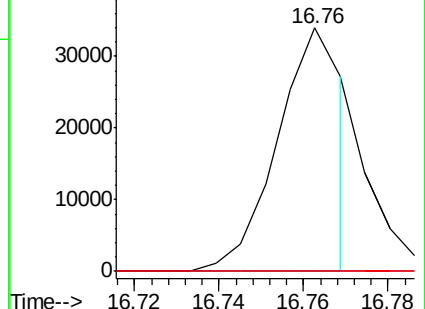
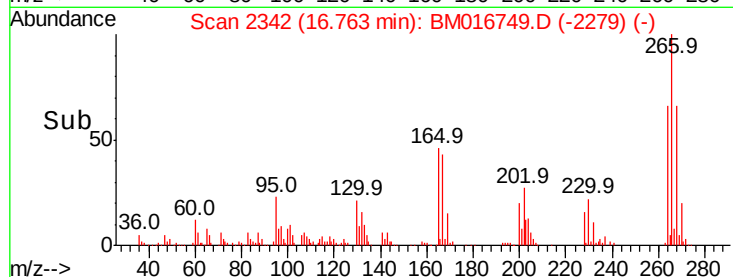
215 0.0 39.8 59.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 29.792 ng/ul

RT: 16.76 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BM016749.D

Acq: 14 Sep 2018 12:34

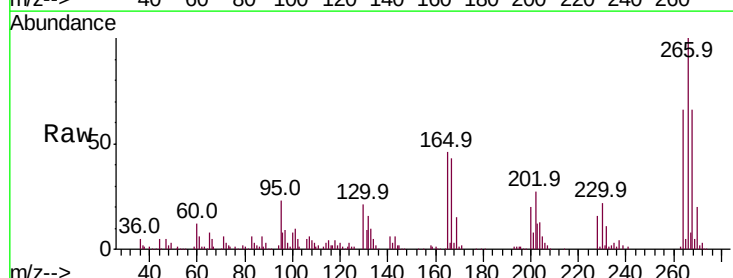
Tgt Ion:266 Resp: 229763

Ion Ratio Lower Upper

266 100

264 65.7 48.2 72.4

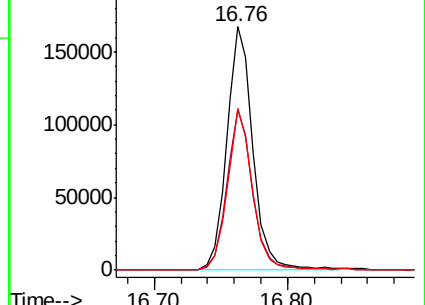
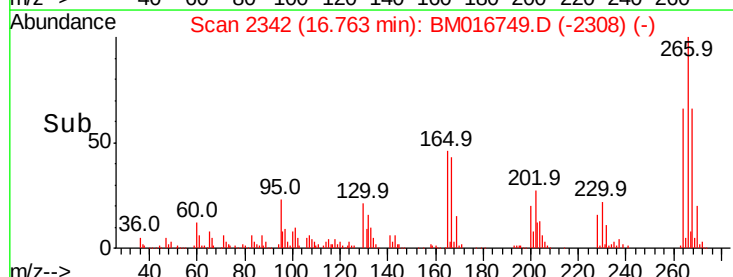
268 66.4 52.3 78.5

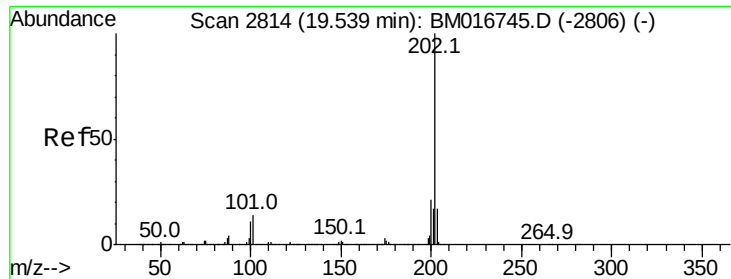


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80
 Pvrene
 Concen: 32.172 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. 0.00 min
 Lab File: BM016749.D
 Acq: 14 Sep 2018 12:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 2613736
 Ion Ratio Lower Upper
 202 100
 101 13.2 6.9 10.3#
 100 11.4 5.6 8.4#

