

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
 Data File : BM016748.D
 Acq On : 14 Sep 2018 11:58
 Operator : SJ/JU
 Sample : J4868-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB3Q2MS

Quant Time: Sep 14 23:57:34 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	221716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	906464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	483719	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1087089	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1215841	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1307390	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	32157	6.20	ng/uL	0.00
5) Phenol-d5	6.90	99	113541	6.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	319045	27.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	347786	22.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	210506	14.55	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	192124	32.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	168245	31.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	371256	26.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	2417	0.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1215199	31.29	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1466167	29.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	31043	4.87	ng/ul	0.00
58) Fluorene-d10	15.37	176	1098257	32.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	117643	26.36	ng/ul	0.00
71) Anthracene-d10	17.22	188	1694864	32.31	ng/ul	0.00
79) Pyrene-d10	19.51	212	1929244	32.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	2170173	31.82	ng/ul	0.00

Target Compounds

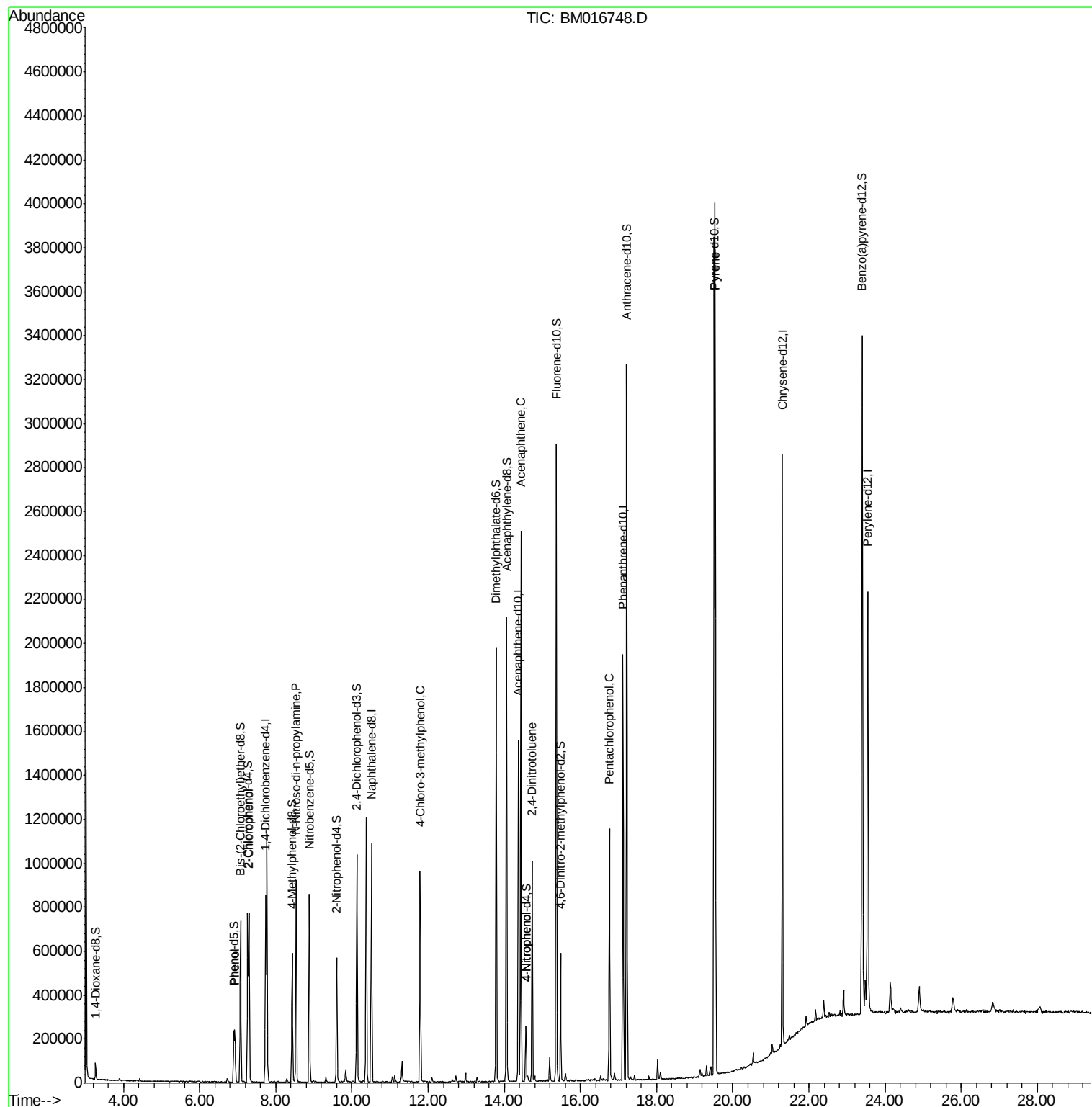
					Ovalue
6) Phenol	6.93	94	121677	6.518	ng/ul 98
10) 2-Chlorophenol	7.30	128	328054	21.400	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.53	70	301563	26.869	ng/ul 91
33) 4-Chloro-3-methylphenol	11.79	107	317626	22.923	ng/ul 96
50) Acenaphthene	14.43	153	978399	29.023	ng/ul 99
53) 4-Nitrophenol	14.57	109	28577	5.818	ng/ul# 81
55) 2,4-Dinitrotoluene	14.73	165	254705	29.710	ng/ul 92
69) Pentachlorophenol	16.76	266	195605	27.327	ng/ul 97
80) Pvrene	19.54	202	2320004	31.076	ng/ul# 87

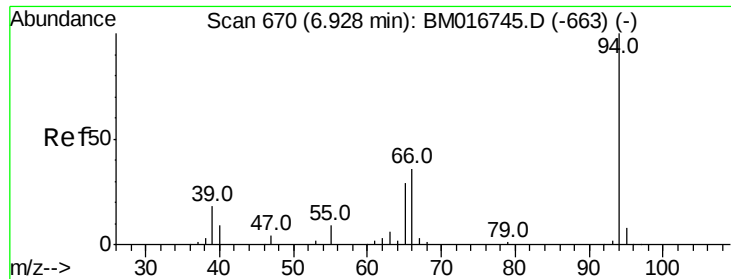
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 6.518 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM016748.D

Acq: 14 Sep 2018 11:58

Instrument :

BNA_M

ClientSampleId :

DB3Q2MS

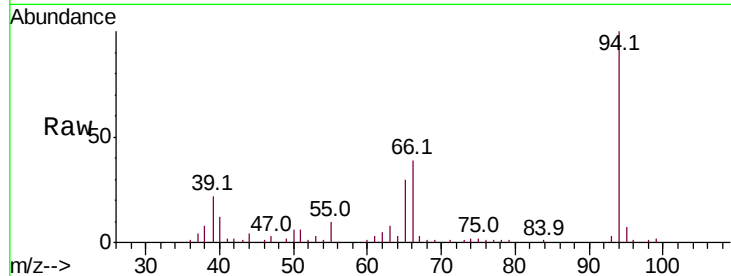
Tot Ion: 94 Resp: 121677

Ion Ratio Lower Upper

94 100

65 30.2 23.0 34.6

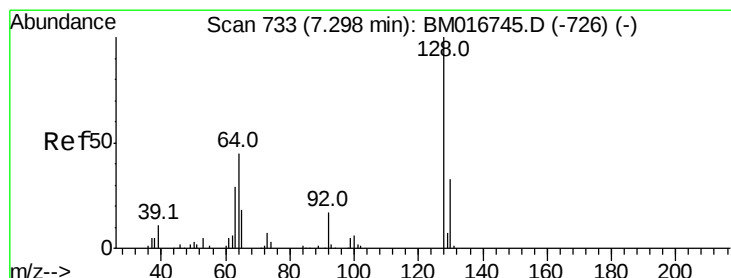
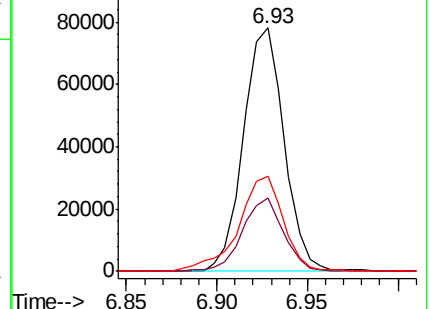
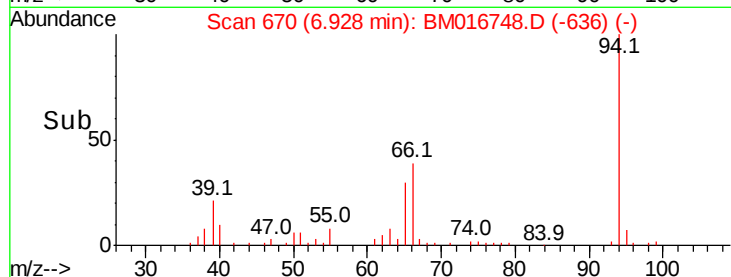
66 39.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016745.D (-663) (-)

Ion 65.00 (64.70 to 65.70): BM016745.D (-663) (-)

Ion 66.00 (65.70 to 66.70): BM016745.D (-663) (-)



#10

2-Chlorophenol

Concen: 21.400 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.00 min

Lab File: BM016748.D

Acq: 14 Sep 2018 11:58

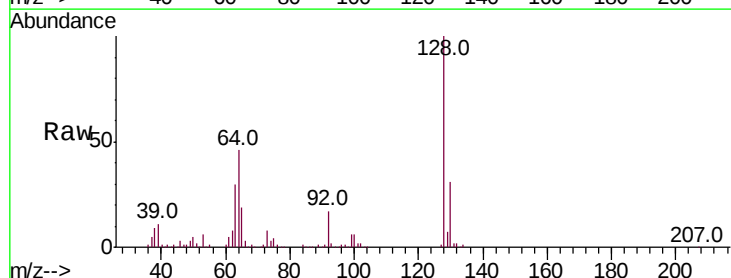
Tgt Ion: 128 Resp: 328054

Ion Ratio Lower Upper

128 100

64 46.0 39.8 59.6

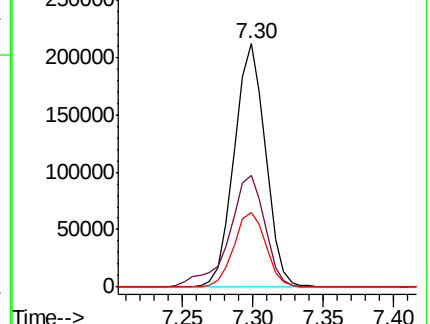
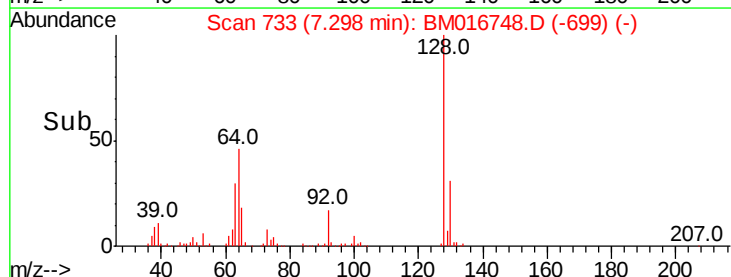
130 30.8 25.8 38.8

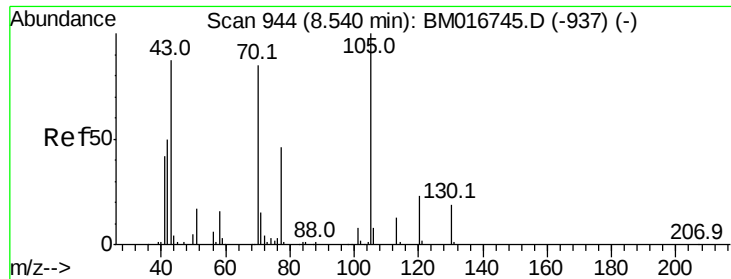


Abundance Ion 128.00 (127.70 to 128.70): BM016745.D (-726) (-)

Ion 64.00 (63.70 to 64.70): BM016745.D (-726) (-)

Ion 130.00 (129.70 to 130.70): BM016745.D (-726) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 26.869 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. -0.01 min

Lab File: BM016748.D

Acq: 14 Sep 2018 11:58

Instrument :

BNA_M

ClientSampleId :

DB3Q2MS

Tot Ion: 70 Resp: 301563

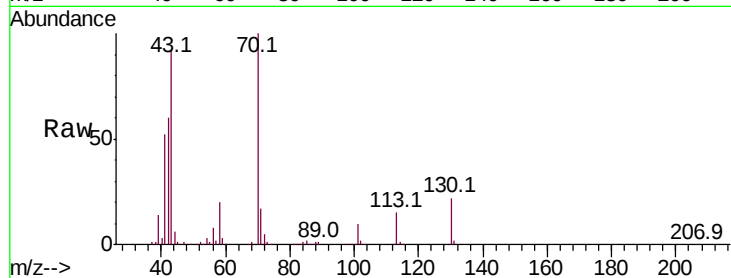
Ion Ratio Lower Upper

70 100

42 60.0 40.2 60.4

101 10.2 7.7 11.5

130 22.2 17.8 26.6

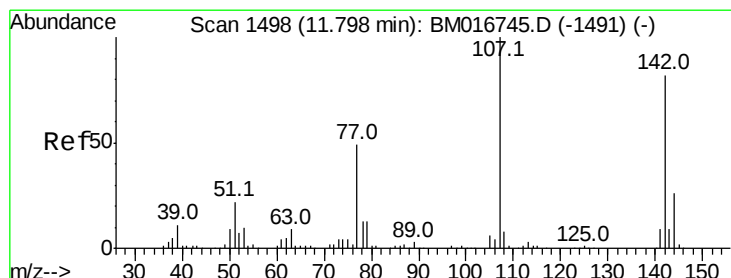
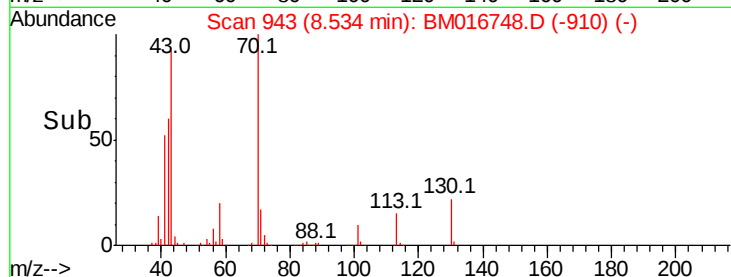
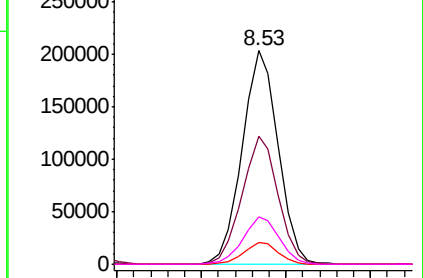


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 22.923 ng/ul

RT: 11.79 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM016748.D

Acq: 14 Sep 2018 11:58

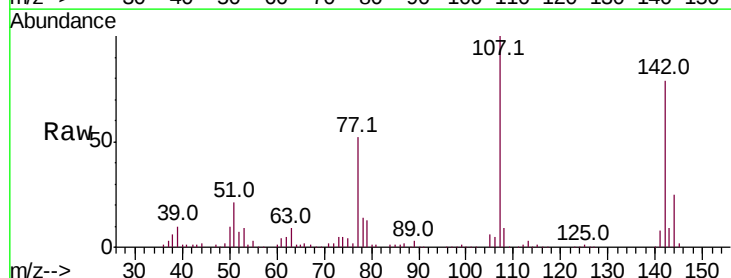
Tgt Ion: 107 Resp: 317626

Ion Ratio Lower Upper

107 100

144 25.4 21.1 31.7

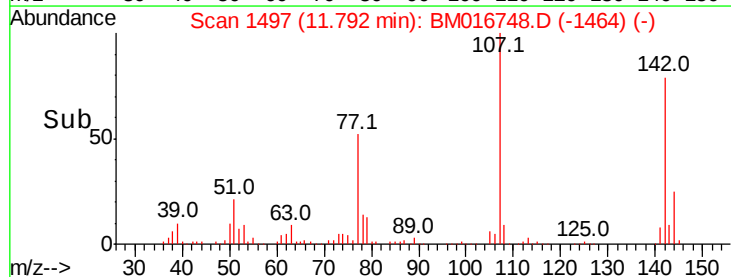
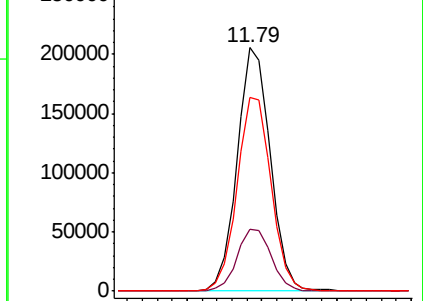
142 79.5 60.1 90.1

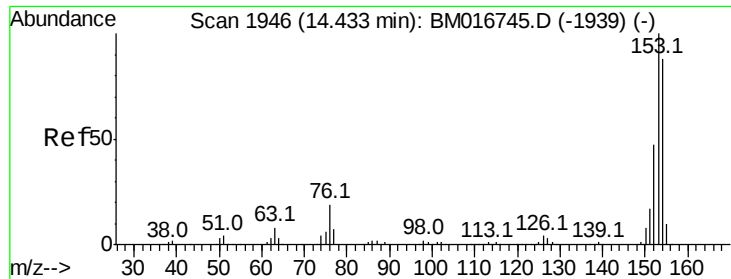


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#50

Acenaphthene

Concen: 29.023 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM016748.D

Acq: 14 Sep 2018 11:58

Instrument :

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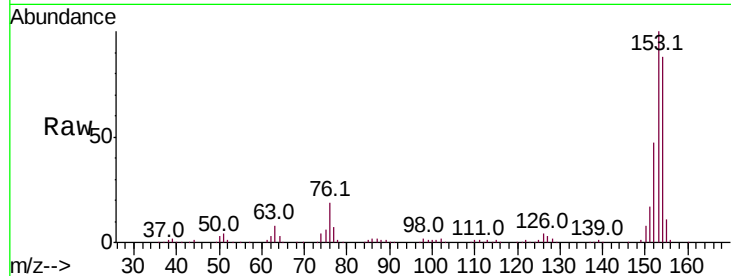
Tot Ion:153 Resp: 978399

Ion Ratio Lower Upper

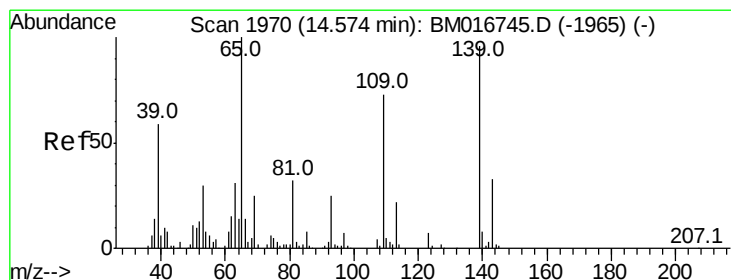
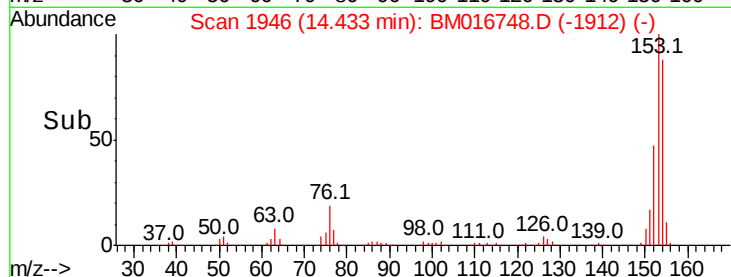
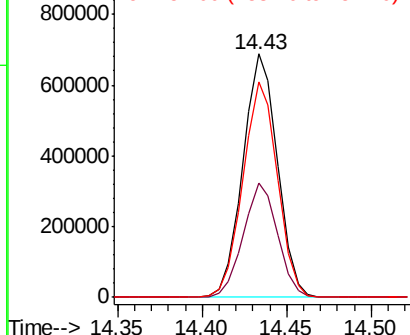
153 100

152 46.9 37.9 56.9

154 88.4 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: 5.818 ng/ul

RT: 14.57 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BM016748.D

Acq: 14 Sep 2018 11:58

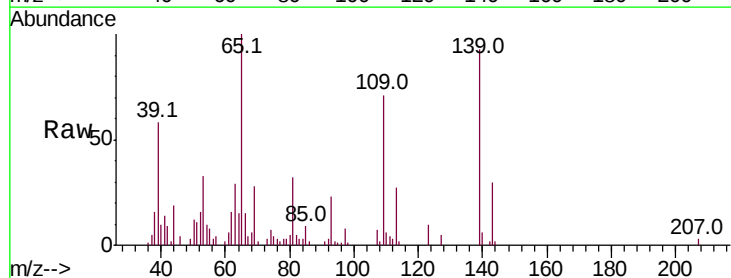
Tgt Ion:109 Resp: 28577

Ion Ratio Lower Upper

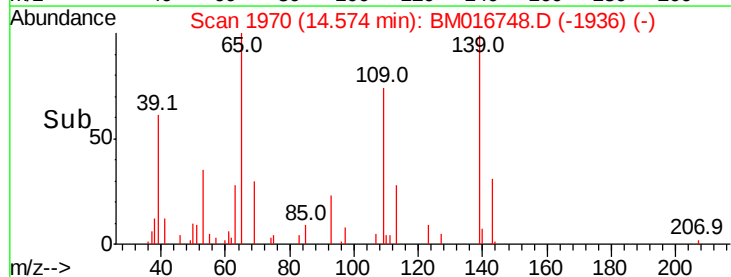
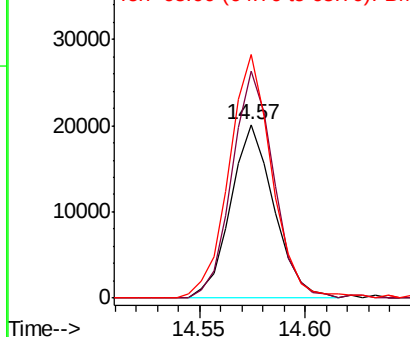
109 100

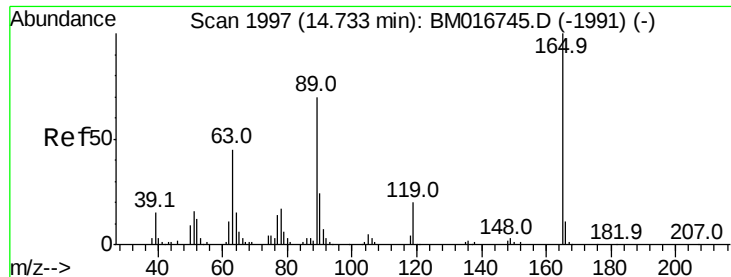
139 130.3 91.2 136.8

65 140.2 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): BM

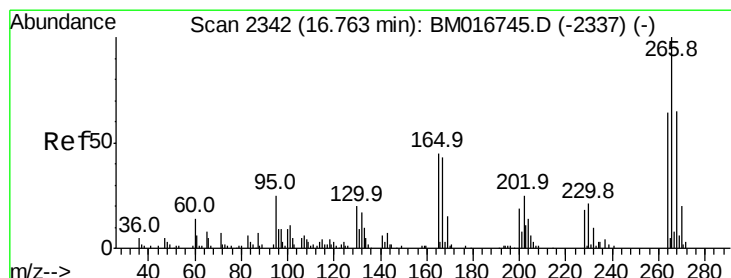
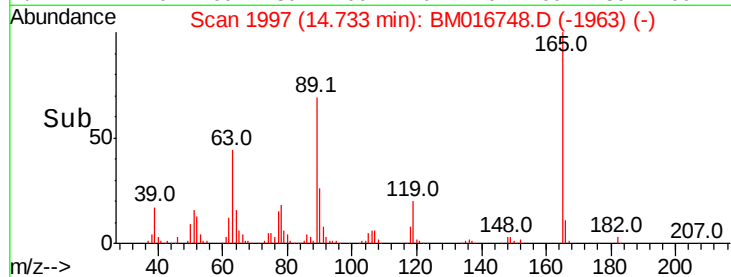
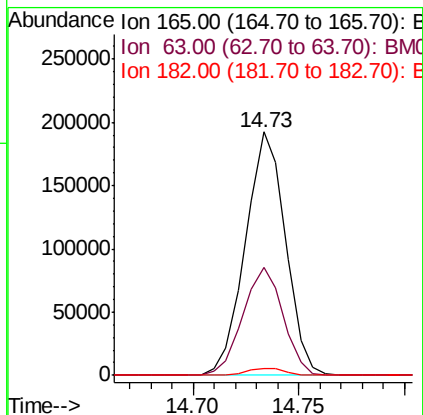
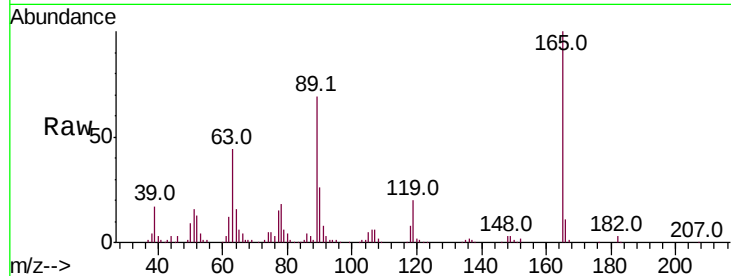




#55
 2,4-Dinitrotoluene
 Concen: 29.710 ng/ul
 RT: 14.73 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BM016748.D
 Acq: 14 Sep 2018 11:58

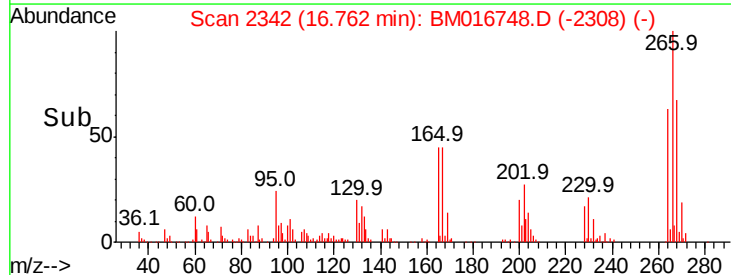
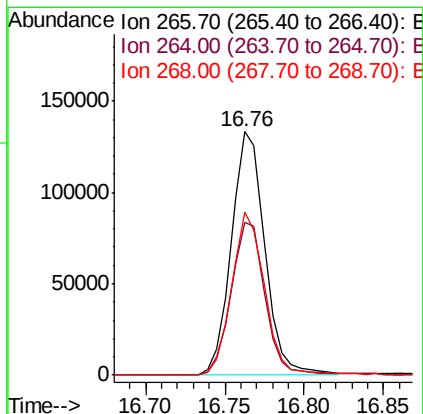
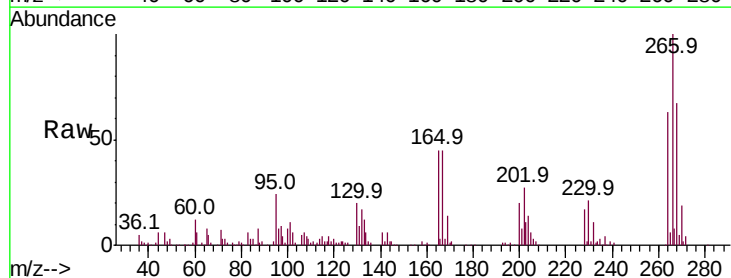
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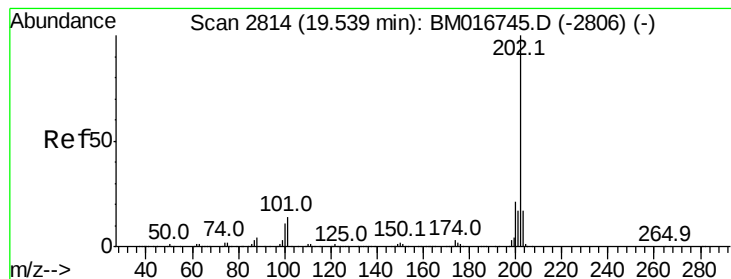
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	31.4	47.0
182	2.9	2.7	4.1



#69
 Pentachlorophenol
 Concen: 27.327 ng/ul
 RT: 16.76 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BM016748.D
 Acq: 14 Sep 2018 11:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.2	72.4
268	67.0	52.3	78.5





#80
 Pvrene
 Concen: 31.076 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BM016748.D
 Acq: 14 Sep 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 DB3Q2MS

Tot Ion:202 Resp: 2320004

Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	11.3	5.6	8.4#

