

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
 Data File : BM016760.D
 Acq On : 14 Sep 2018 19:12
 Operator : SJ/JU
 Sample : J4885-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 15 00:36:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 00:35:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	243102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1015258	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	537734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1186504	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1326288	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1421134	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	27346	4.81	ng/uL	0.00
5) Phenol-d5	6.90	99	556298	27.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	356779	28.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	474413	28.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	438894	27.66	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	214229	32.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	193915	31.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	420407	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	538711	28.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1266745	29.34	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1613768	28.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	169321	23.90	ng/ul	0.00
58) Fluorene-d10	15.37	176	1136024	30.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	116046	23.83	ng/ul	0.00
71) Anthracene-d10	17.22	188	1727897	30.18	ng/ul	0.00
79) Pyrene-d10	19.51	212	1962723	30.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	2261957	30.51	ng/ul	0.00

Target Compounds

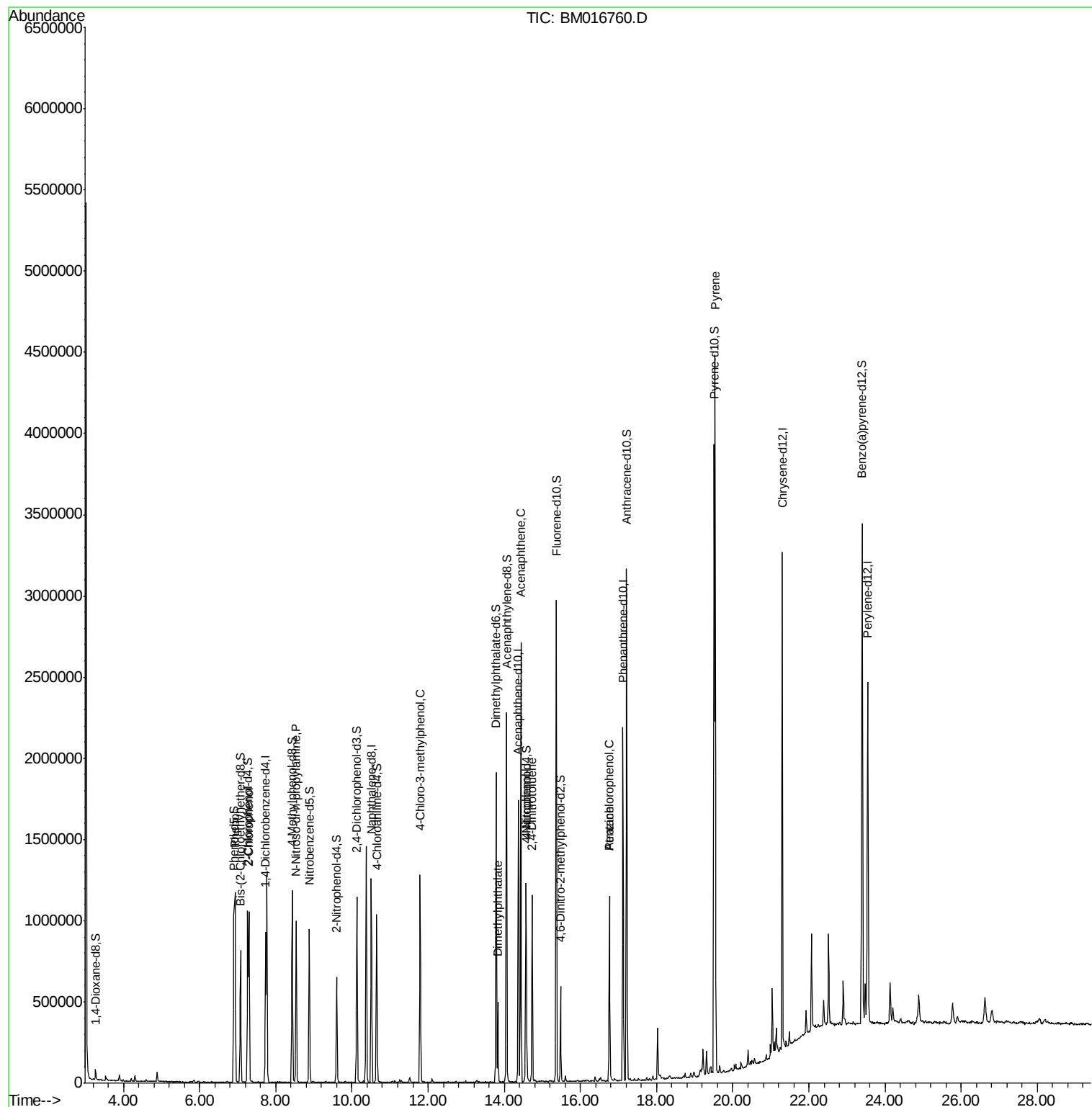
					Ovalue	
6) Phenol	6.93	94	589344	28.794	ng/ul	100
10) 2-Chlorophenol	7.30	128	454373	27.032	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	332332	27.006	ng/ul#	90
33) 4-Chloro-3-methylphenol	11.79	107	416358	26.828	ng/ul	95
45) Dimethylphthalate	13.83	163	319419	7.570	ng/ul	98
50) Acenaphthene	14.43	153	1068204	28.504	ng/ul	99
53) 4-Nitrophenol	14.58	109	136709	25.036	ng/ul#	79
55) 2,4-Dinitrotoluene	14.73	165	302550	31.746	ng/ul	93
68) Atrazine	16.76	200	29543	2.278	ng/ul#	35
69) Pentachlorophenol	16.76	266	186322	23.849	ng/ul	97
80) Pyrene	19.54	202	2438676	29.945	ng/ul#	87

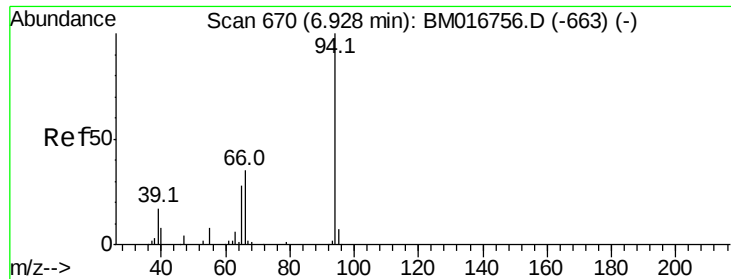
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
Response via : Initial Calibration





#6

Phenol

Concen: 28.794 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM016760.D

Acq: 14 Sep 2018 19:12

Instrument :

BNA_M

ClientSampleId :

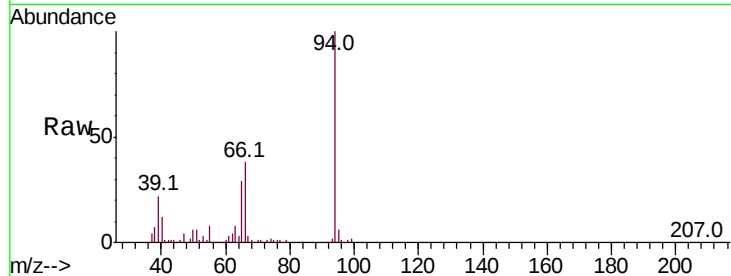
Tot Ion: 94 Resp: 589344

Ion Ratio Lower Upper

94 100

65 28.7 23.0 34.6

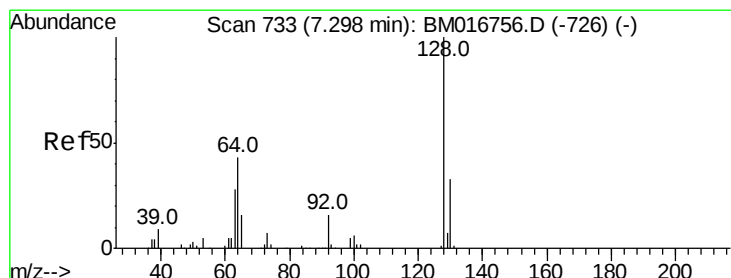
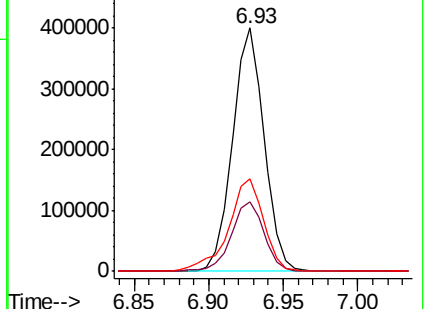
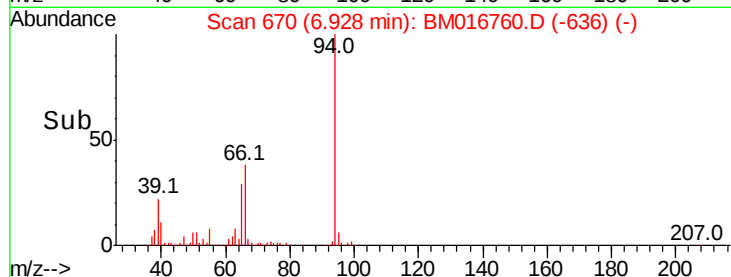
66 37.8 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016756.D (-663) (-)

Ion 65.00 (64.70 to 65.70): BM016756.D (-663) (-)

Ion 66.00 (65.70 to 66.70): BM016756.D (-663) (-)



#10

2-Chlorophenol

Concen: 27.032 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. 0.00 min

Lab File: BM016760.D

Acq: 14 Sep 2018 19:12

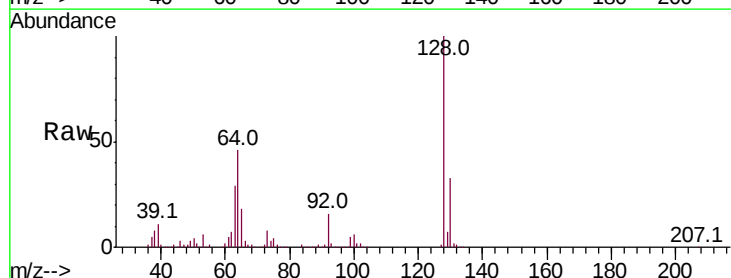
Tgt Ion:128 Resp: 454373

Ion Ratio Lower Upper

128 100

64 46.1 39.8 59.6

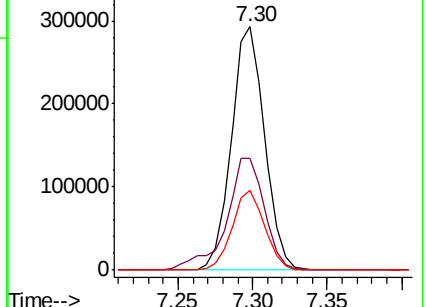
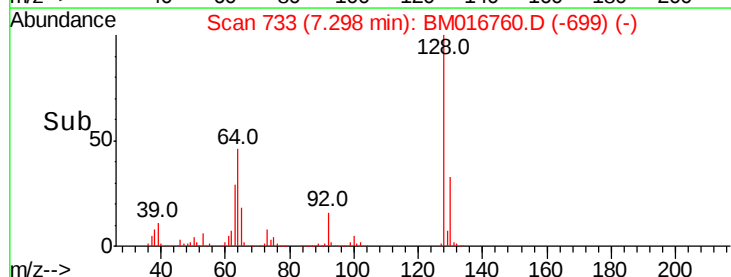
130 33.0 25.8 38.8

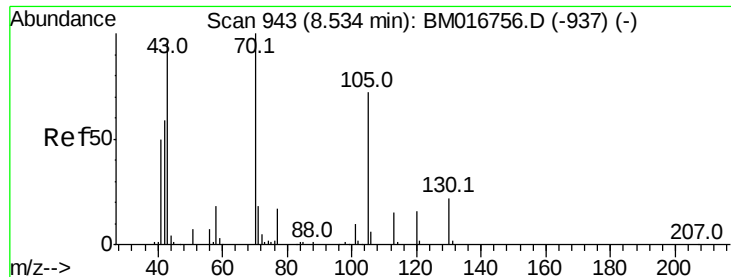


Abundance Ion 128.00 (127.70 to 128.70): BM016756.D (-726) (-)

Ion 64.00 (63.70 to 64.70): BM016756.D (-726) (-)

Ion 130.00 (129.70 to 130.70): BM016756.D (-726) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 27.006 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. 0.00 min

Lab File: BM016760.D

Acq: 14 Sep 2018 19:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 332332

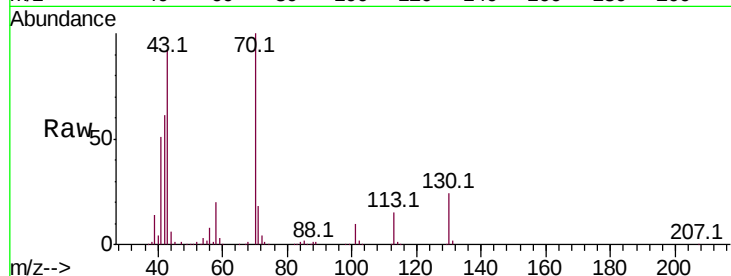
Ion Ratio Lower Upper

70 100

42 60.8 40.2 60.4#

101 10.0 7.7 11.5

130 23.5 17.8 26.6

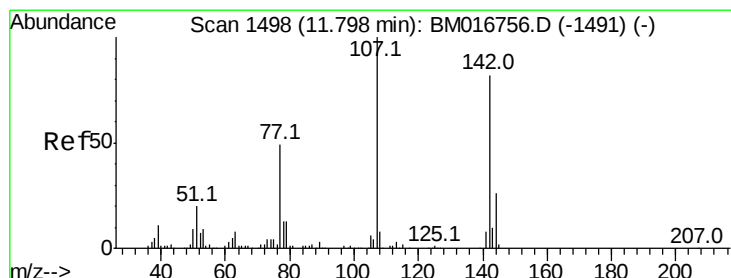
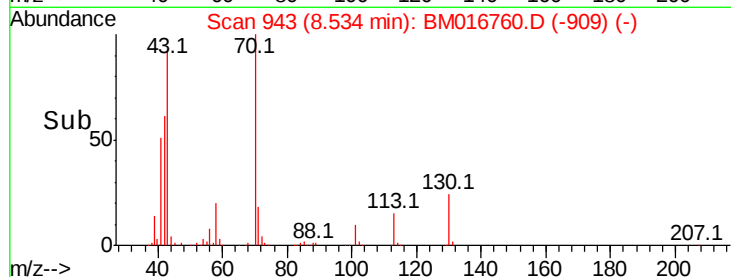
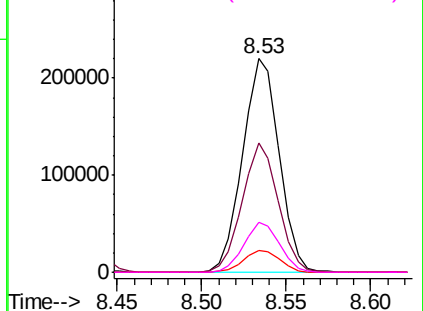


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 26.828 ng/ul

RT: 11.79 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM016760.D

Acq: 14 Sep 2018 19:12

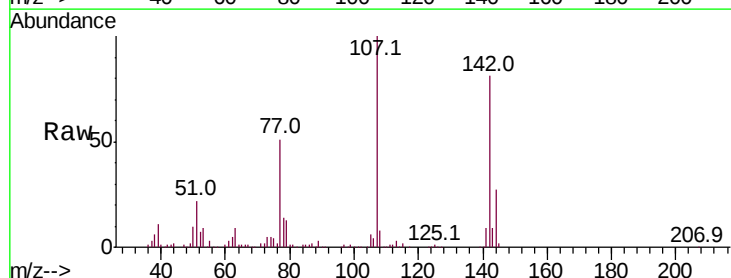
Tgt Ion:107 Resp: 416358

Ion Ratio Lower Upper

107 100

144 26.6 21.1 31.7

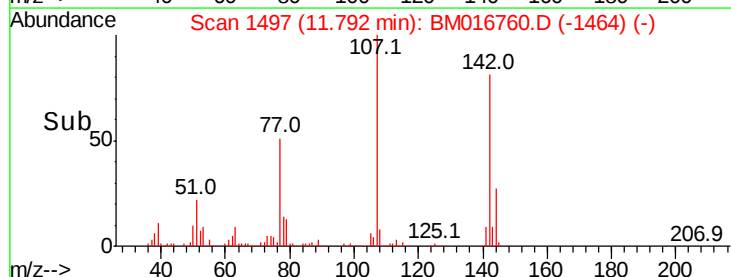
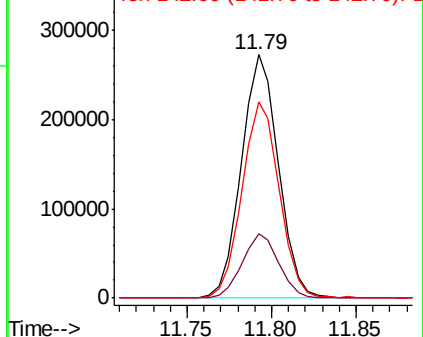
142 80.8 60.1 90.1

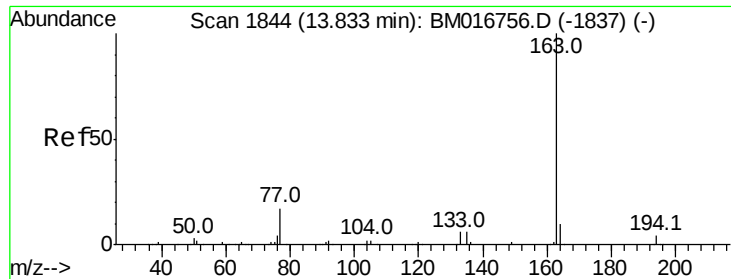


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

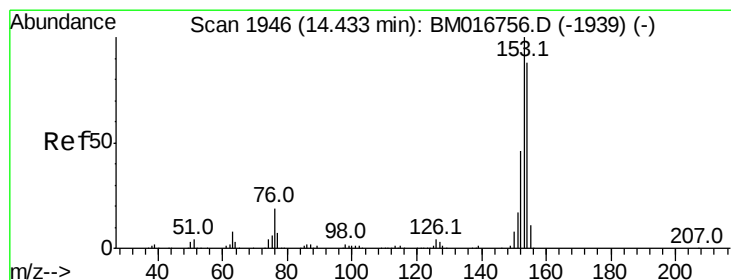
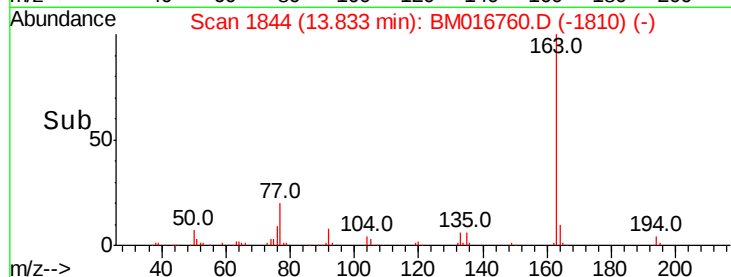
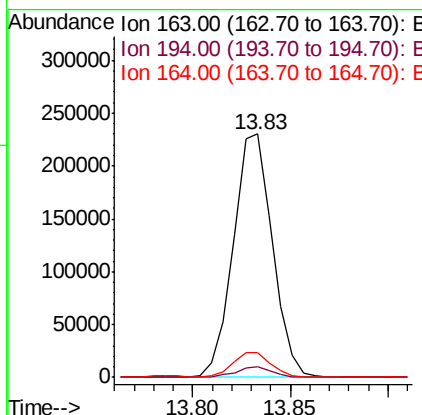
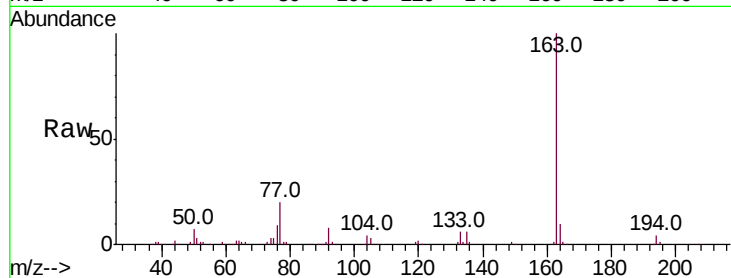




#45
Dimethylphthalate
Concen: 7.570 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

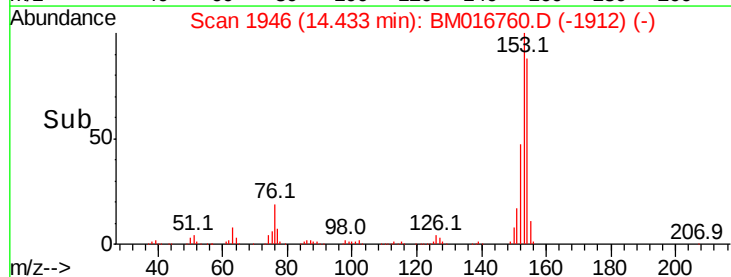
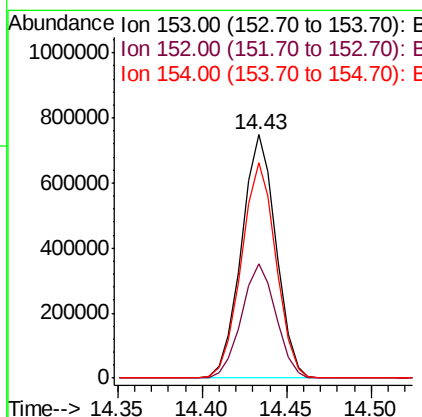
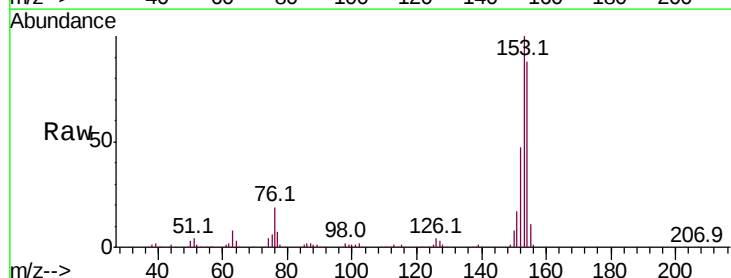
Instrument :
BNA_M
ClientSampleId :

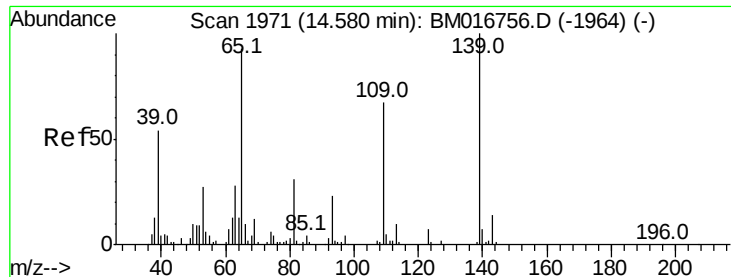
Tot Ion:163 Resp: 319419
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 9.9 8.4 12.6



#50
Acenaphthene
Concen: 28.504 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Tgt Ion:153 Resp: 1068204
Ion Ratio Lower Upper
153 100
152 47.0 37.9 56.9
154 88.3 69.8 104.6

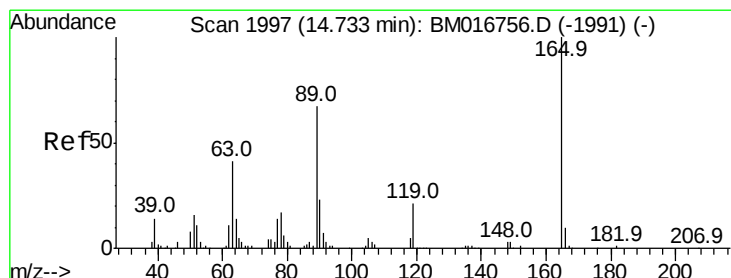
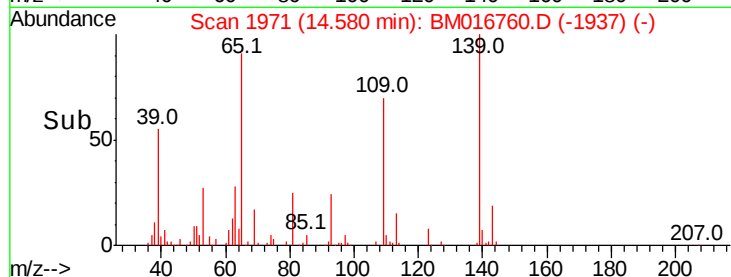
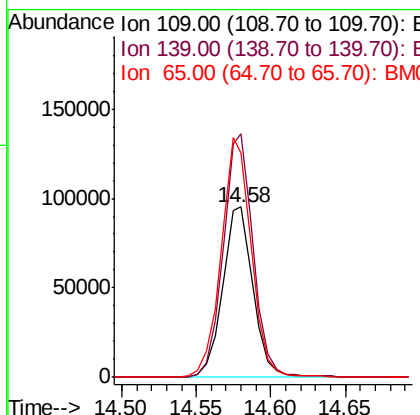
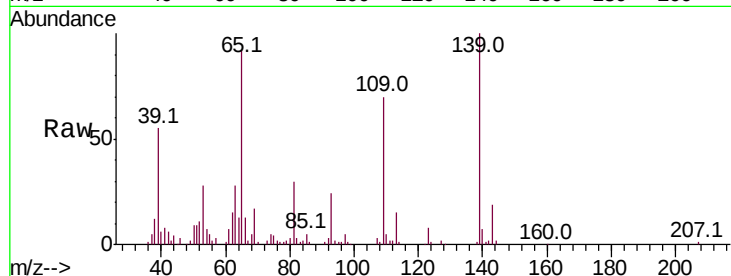




#53
4-Nitrophenol
Concen: 25.036 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

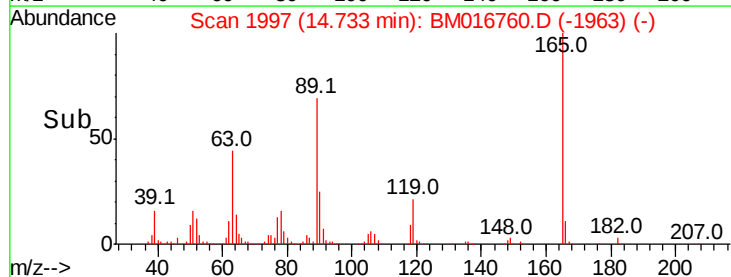
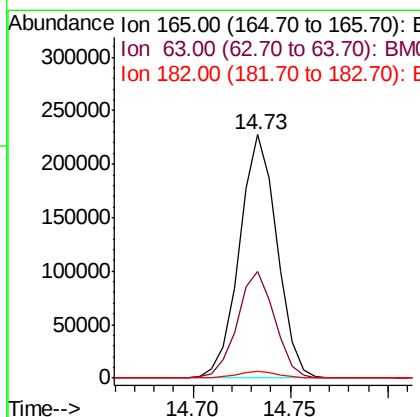
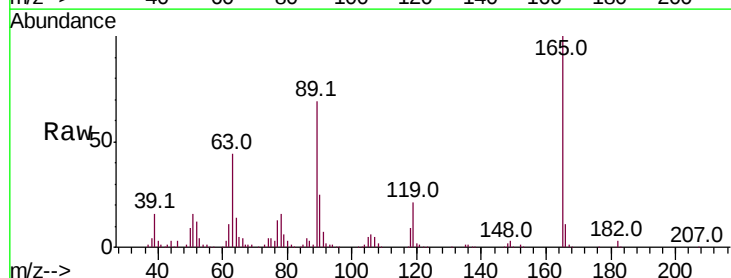
Instrument :
BNA_M
ClientSampled :

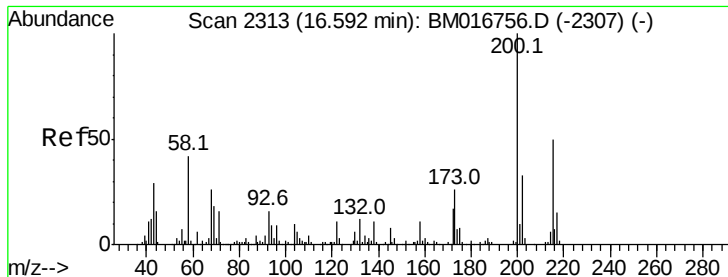
Tot Ion:109 Resp: 136709
Ion Ratio Lower Upper
109 100
139 142.9 91.2 136.8#
65 131.9 92.6 139.0



#55
2,4-Dinitrotoluene
Concen: 31.746 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Tgt Ion:165 Resp: 302550
Ion Ratio Lower Upper
165 100
63 44.0 31.4 47.0
182 3.0 2.7 4.1





#68

Atrazine

Concen: 2.278 ng/ul

RT: 16.76 min Scan# 2342

Delta R.T. 0.17 min

Lab File: BM016760.D

Acq: 14 Sep 2018 19:12

Instrument :

BNA_M

ClientSampleId :

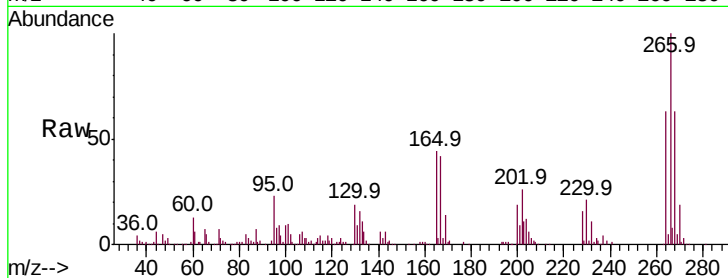
Tot Ion:200 Resp: 29543

Ion Ratio Lower Upper

200 100

173 0.0 20.6 31.0#

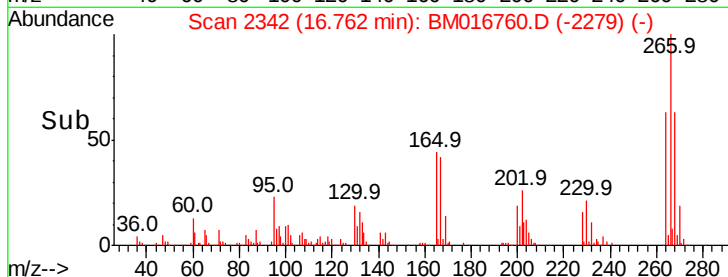
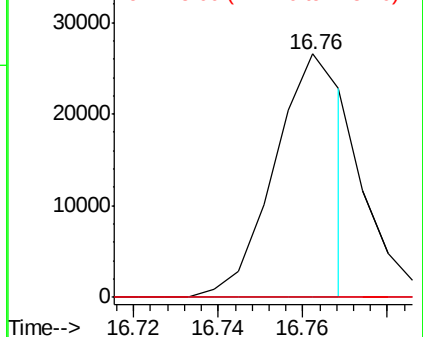
215 0.0 39.8 59.6#



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: 23.849 ng/ul

RT: 16.76 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BM016760.D

Acq: 14 Sep 2018 19:12

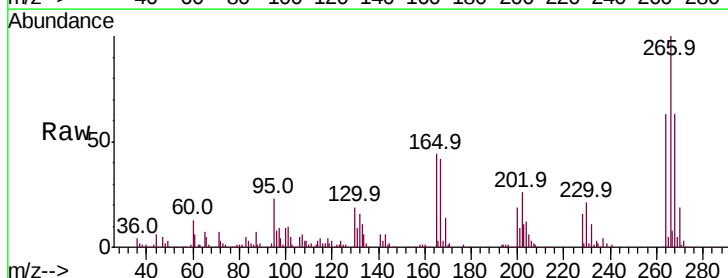
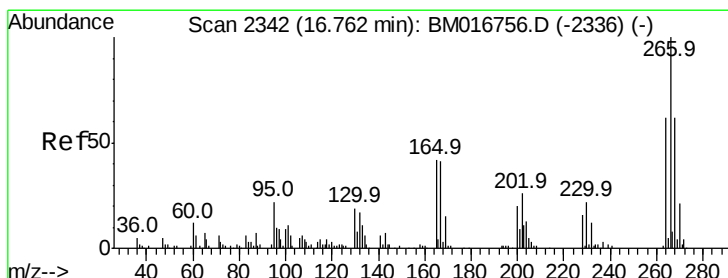
Tgt Ion:266 Resp: 186322

Ion Ratio Lower Upper

266 100

264 63.0 48.2 72.4

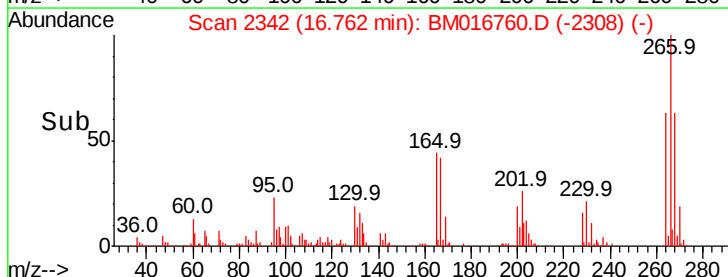
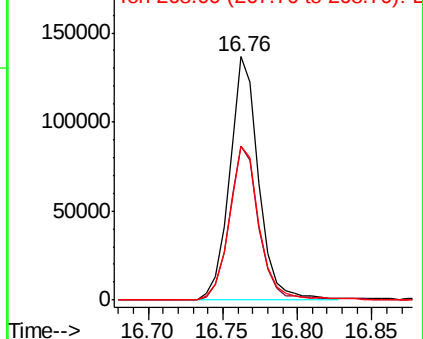
268 63.1 52.3 78.5

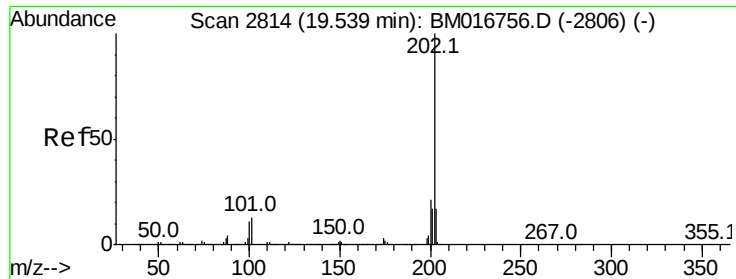


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

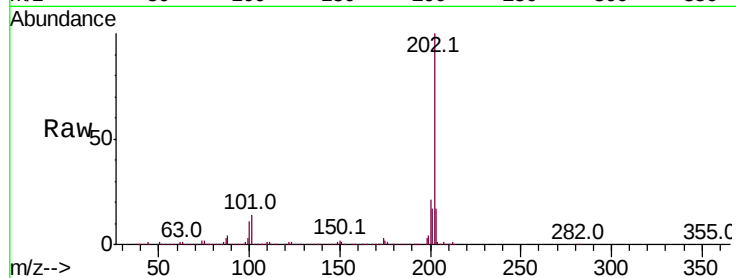




#80
 Pvrene
 Concen: 29.945 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. 0.00 min
 Lab File: BM016760.D
 Acq: 14 Sep 2018 19:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	6.9	10.3#
100	10.9	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

