

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014756.D
 Acq On : 20 Apr 2018 10:17
 Operator : SJ/JU
 Sample : J2388-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESSM4MS

Quant Time: Apr 20 17:13:00 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 17:02:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	286264	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1258828	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	676249	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	1467491	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1430467	20.00	ng/ul	0.00
83) Perylene-d12	24.43	264	1370109	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	14094	2.15	ng/uL	0.00
5) Phenol-d5	7.66	99	238018	10.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	647416	45.62	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	685937	37.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	438476	24.85	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	392482	43.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	398032	43.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	703464	38.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	899237	49.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	2241387	42.46	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	2863865	43.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	73223	7.47	ng/ul	0.00
57) Fluorene-d10	16.12	176	1899697	41.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	244558	30.80	ng/ul	0.00
70) Anthracene-d10	17.95	188	2878669	42.09	ng/ul	0.00
76) Pyrene-d10	20.19	212	3067083	45.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.27	264	2944698	43.75	ng/ul	-0.01

Target Compounds

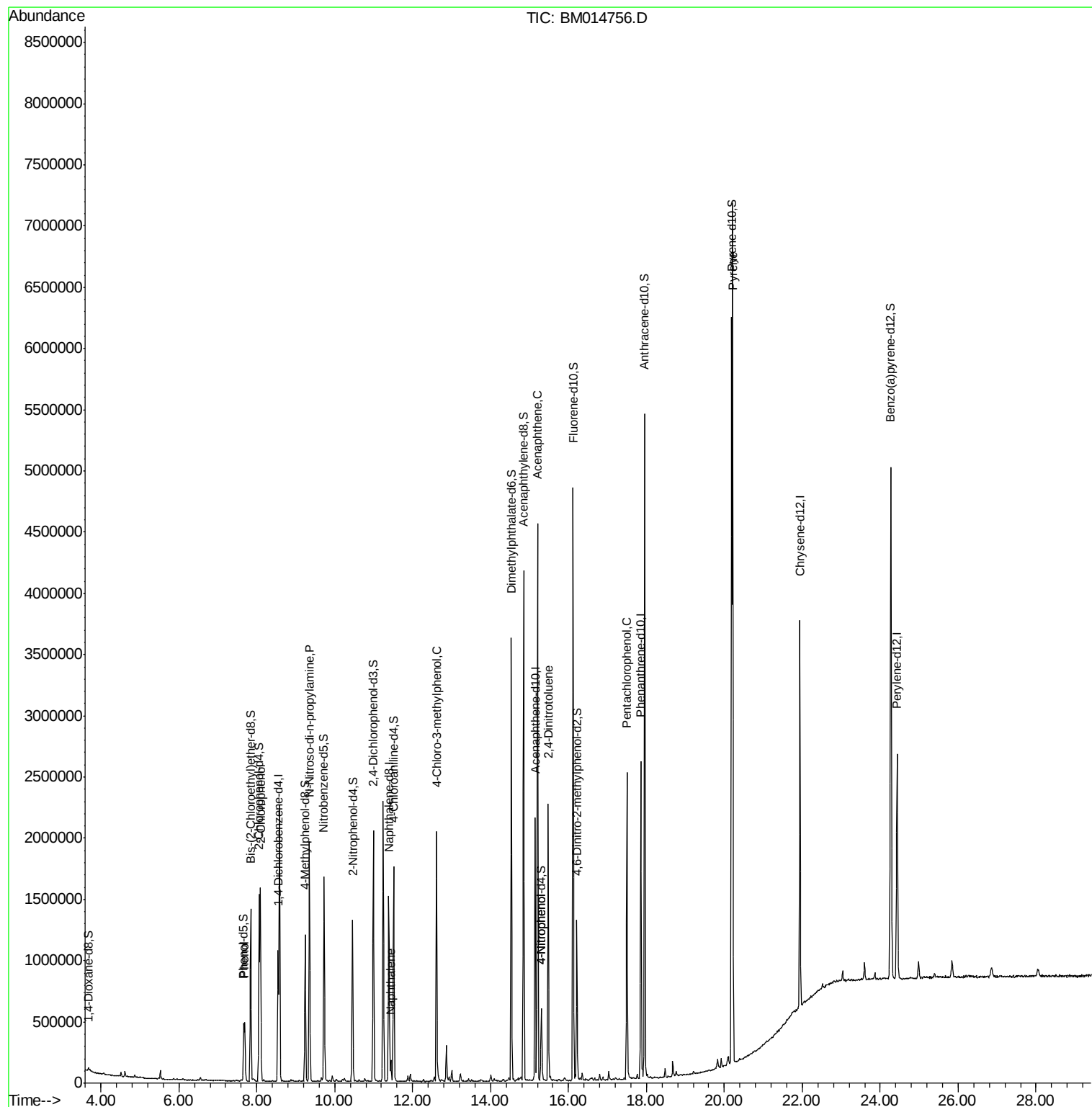
					Ovalue	
6) Phenol	7.69	94	242730	11.148	ng/ul#	80
10) 2-Chlorophenol	8.09	128	659272	36.161	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.35	70	620757	46.256	ng/ul#	80
28) Naphthalene	11.44	128	133400	2.175	ng/ul	100
33) 4-Chloro-3-methylphenol	12.61	107	636012	35.761	ng/ul	95
49) Acenaphthene	15.20	153	1849385	41.207	ng/ul	100
52) 4-Nitrophenol	15.31	109	63580	9.005	ng/ul#	85
54) 2,4-Dinitrotoluene	15.48	165	578439	41.947	ng/ul#	85
68) Pentachlorophenol	17.50	266	418536	40.868	ng/ul	98
77) Pyrene	20.22	202	3781176	45.241	ng/ul#	79

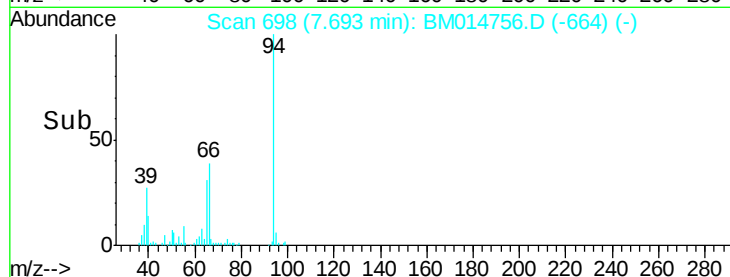
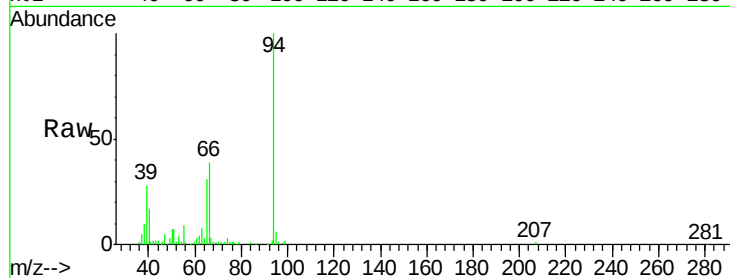
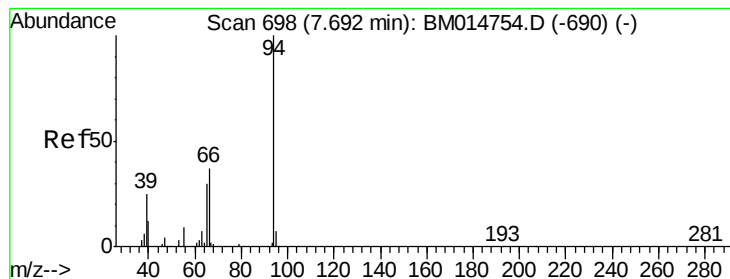
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 11.148 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM014756.D

Acq: 20 Apr 2018 10:17

Instrument :

BNA_M

ClientSampleId :

ESSM4MS

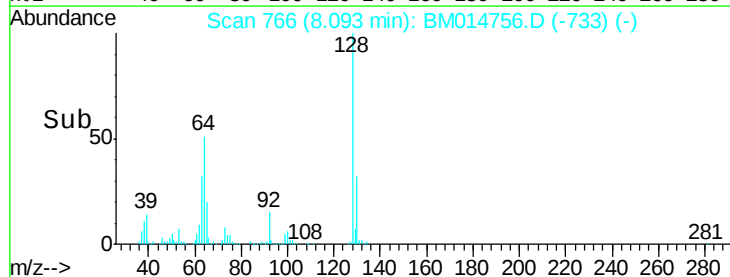
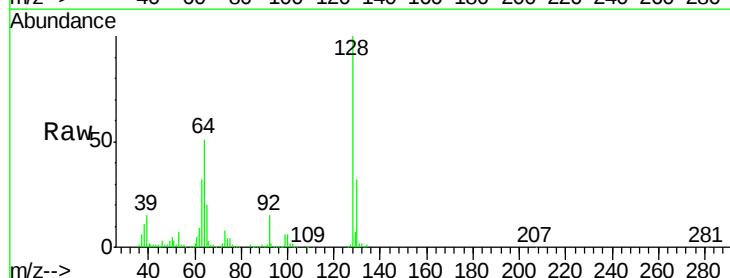
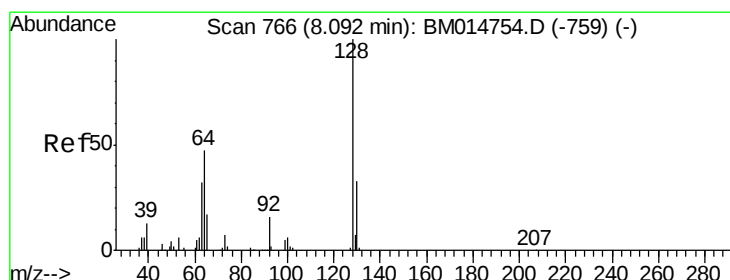
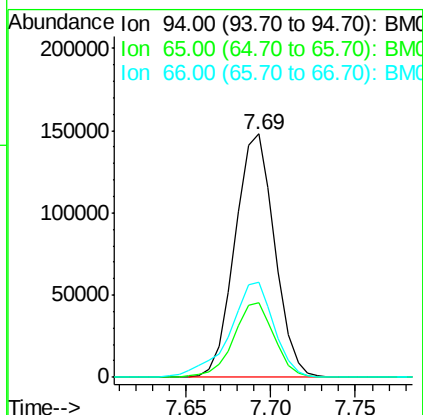
Tot Ion: 94 Resp: 242730

Ion Ratio Lower Upper

94 100

65 30.6 28.2 42.4

66 39.0 47.2 70.8#



#10

2-Chlorophenol

Concen: 36.161 ng/ul

RT: 8.09 min Scan# 766

Delta R.T. -0.01 min

Lab File: BM014756.D

Acq: 20 Apr 2018 10:17

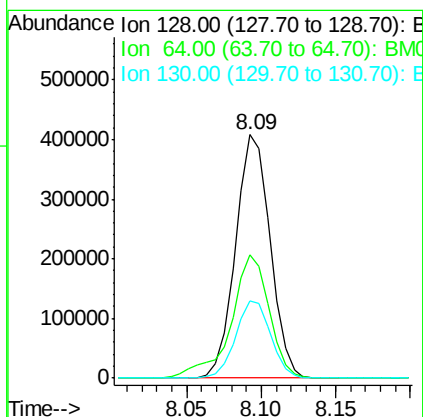
Tgt Ion: 128 Resp: 659272

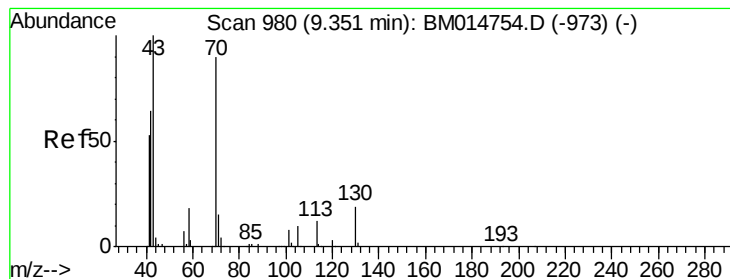
Ion Ratio Lower Upper

128 100

64 50.7 38.0 57.0

130 32.0 24.4 36.6





#15

N-Nitroso-di-n-propylamine

Concen: 46.256 ng/ul

RT: 9.35 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM014756.D

Acq: 20 Apr 2018 10:17

Instrument :

BNA_M

ClientSampleId :

ESSM4MS

Tot Ion: 70 Resp: 620757

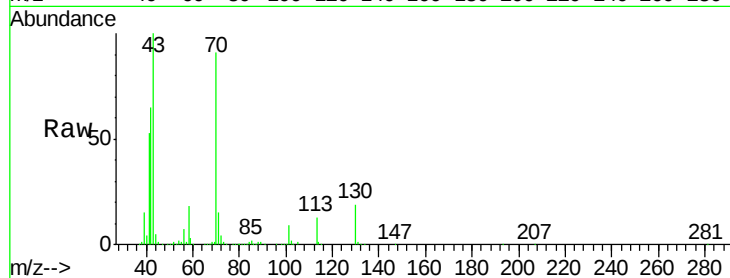
Ion Ratio Lower Upper

70 100

42 71.3 76.0 114.0#

101 9.5 6.7 10.1

130 20.9 14.6 22.0



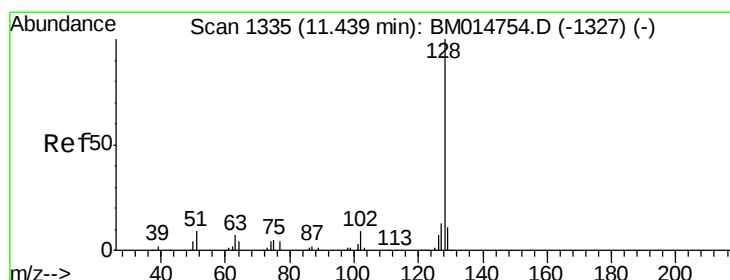
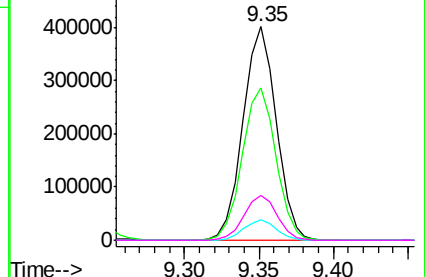
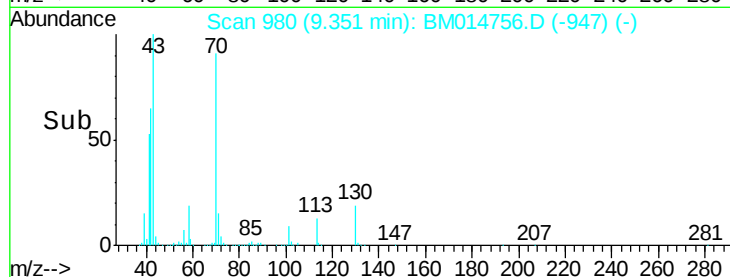
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

Time-->



#28

Naphthalene

Concen: 2.175 ng/ul

RT: 11.44 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM014756.D

Acq: 20 Apr 2018 10:17

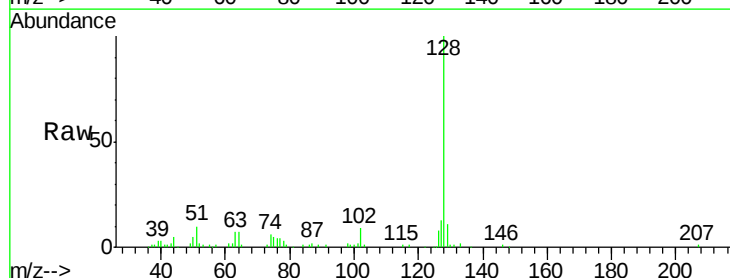
Tgt Ion: 128 Resp: 133400

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.4 10.6 16.0

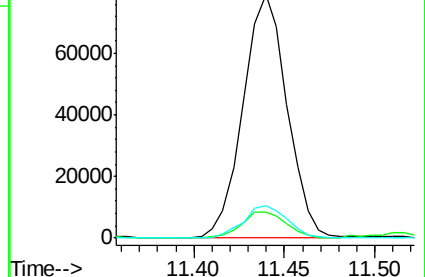
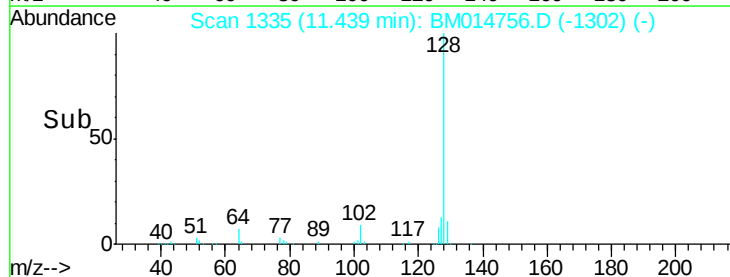


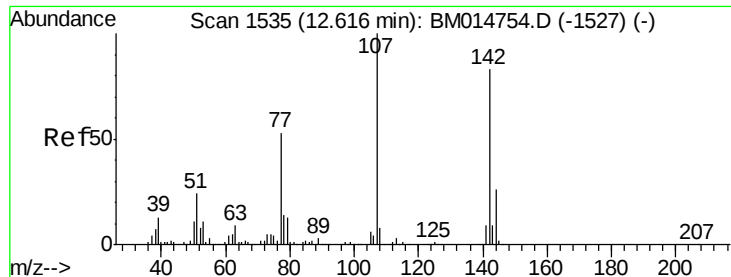
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->

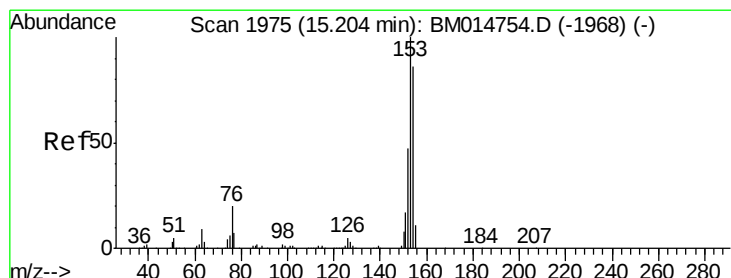
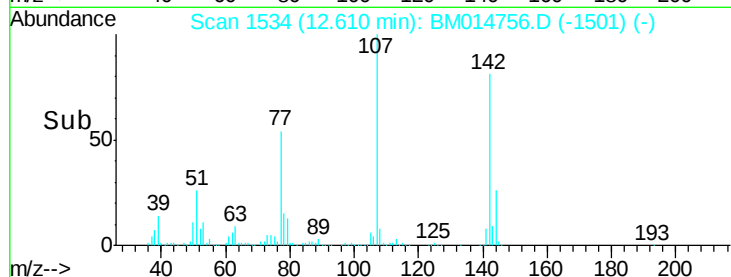
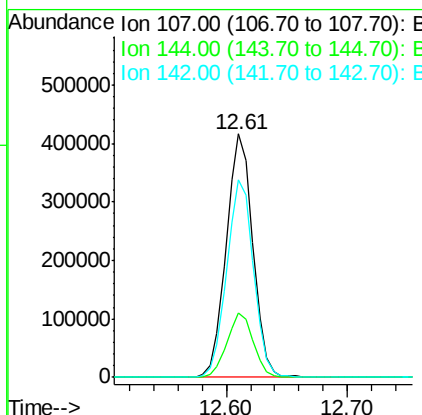
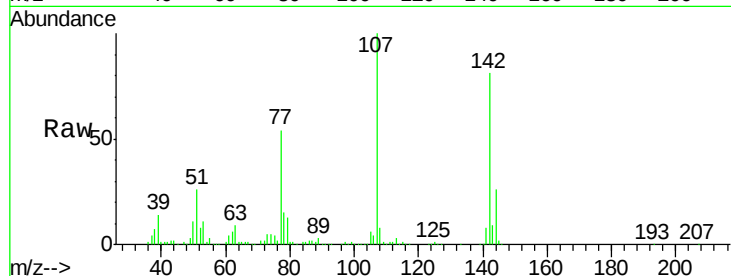




#33
4-Chloro-3-methylphenol
Concen: 35.761 ng/ul
RT: 12.61 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BM014756.D
Acq: 20 Apr 2018 10:17

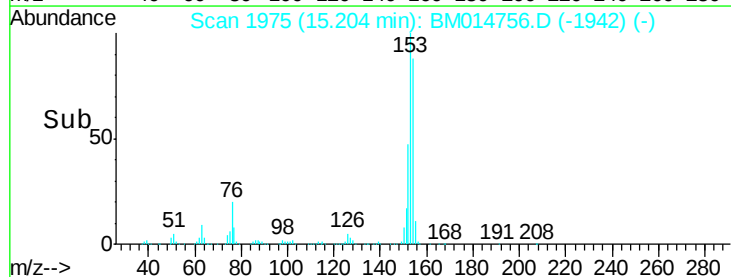
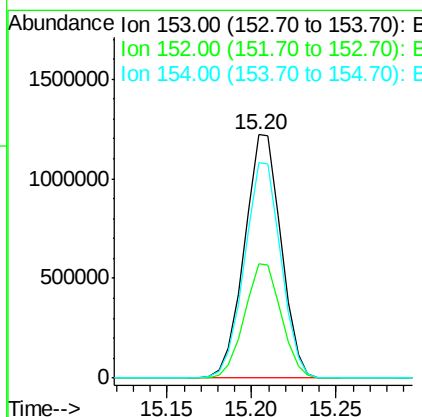
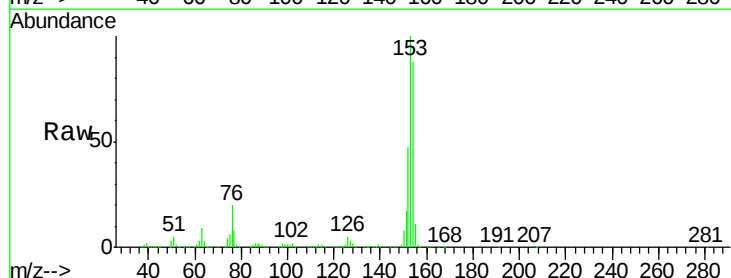
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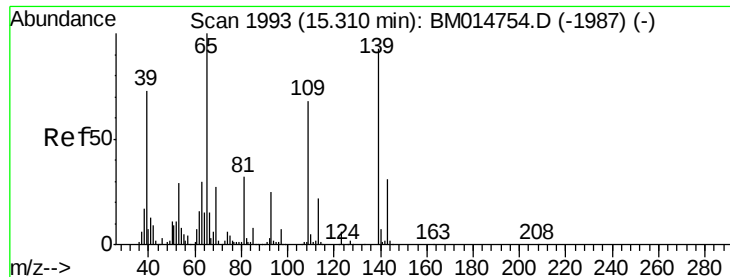
Tot Ion:107 Resp: 636012
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 81.0 60.5 90.7



#49
Acenaphthene
Concen: 41.207 ng/ul
RT: 15.20 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM014756.D
Acq: 20 Apr 2018 10:17

Tgt Ion:153 Resp: 1849385
Ion Ratio Lower Upper
153 100
152 47.1 37.6 56.4
154 88.3 70.4 105.6





#52

4-Nitrophenol

Concen: 9.005 ng/ul

RT: 15.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM014756.D

Acq: 20 Apr 2018 10:17

Instrument :

BNA_M

ClientSampleId :

ESSM4MS

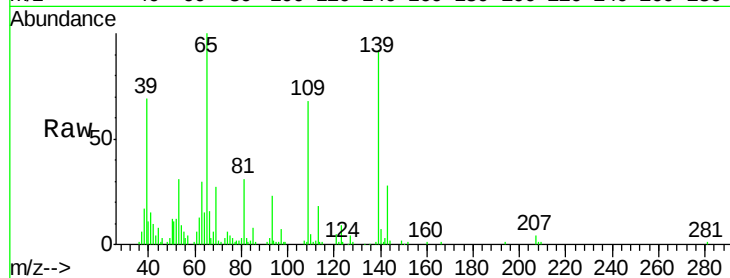
Tot Ion:109 Resp: 63580

Ion Ratio Lower Upper

109 100

139 133.9 80.0 120.0#

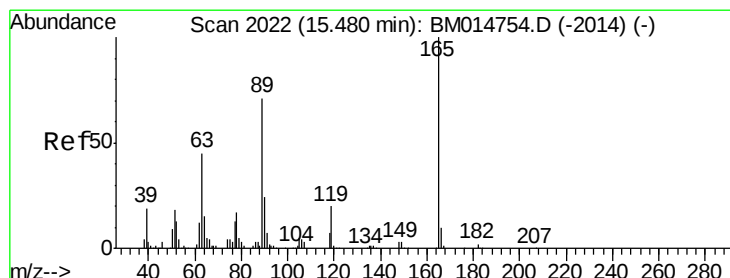
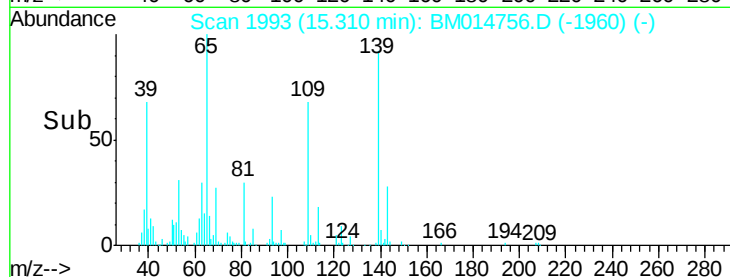
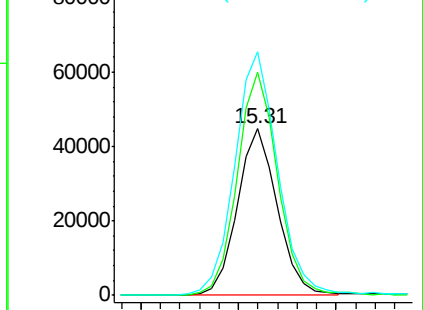
65 146.2 120.0 180.0



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



#54

2,4-Dinitrotoluene

Concen: 41.947 ng/ul

RT: 15.48 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM014756.D

Acq: 20 Apr 2018 10:17

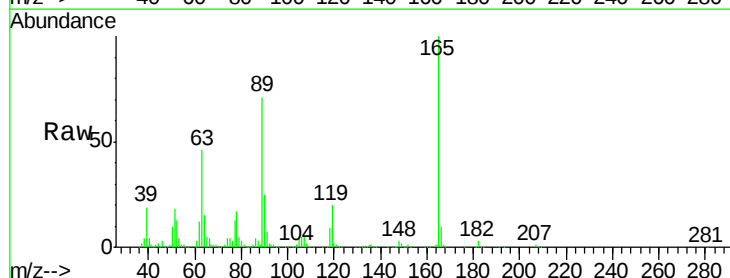
Tgt Ion:165 Resp: 578439

Ion Ratio Lower Upper

165 100

63 45.8 45.8 68.8#

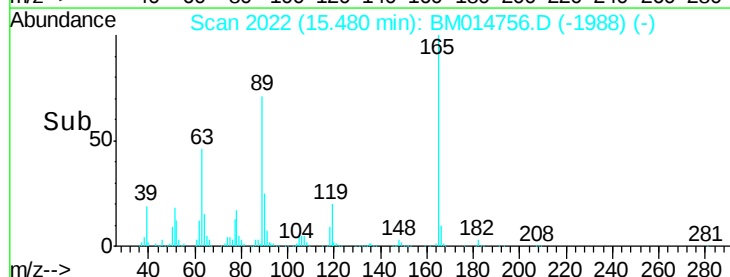
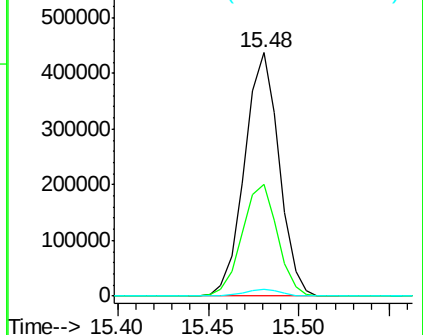
182 2.8 2.6 4.0

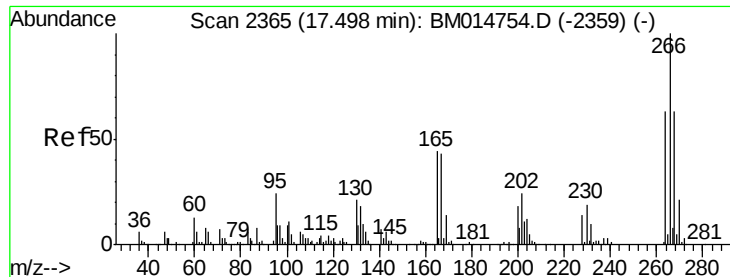


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

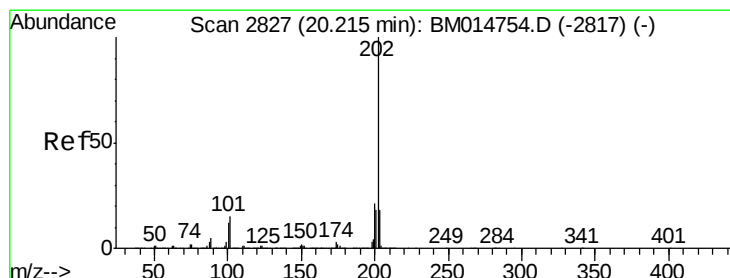
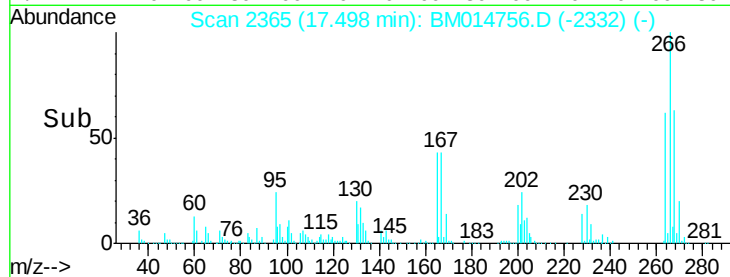
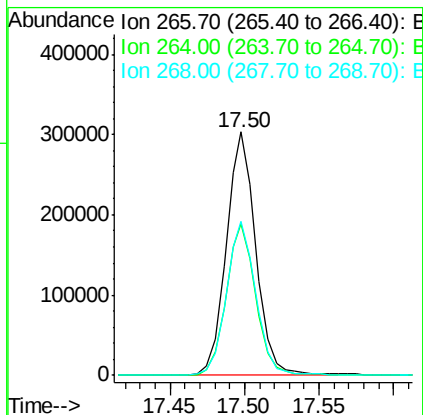
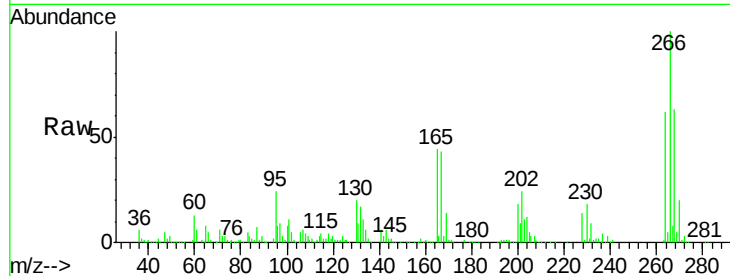




#68
 Pentachlorophenol
 Concen: 40.868 ng/ul
 RT: 17.50 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BM014756.D
 Acq: 20 Apr 2018 10:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.3	73.9
268	63.2	52.6	78.8



#77
 Pyrene
 Concen: 45.241 ng/ul
 RT: 20.22 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM014756.D
 Acq: 20 Apr 2018 10:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	5.1	7.7#
100	12.1	4.9	7.3#

