

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014757.D
 Acq On : 20 Apr 2018 10:53
 Operator : SJ/JU
 Sample : J2388-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESSM4MSD

Quant Time: Apr 20 17:15:25 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	293637	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1310538	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	712880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1509307	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1455075	20.00	ng/ul	0.00
83) Perylene-d12	24.43	264	1391010	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	13466	2.00	ng/uL	0.00
5) Phenol-d5	7.66	99	235321	10.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	637193	43.77	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	670158	35.29	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	431700	23.85	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	384694	40.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	390797	41.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	692002	36.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	893742	47.23	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	2193427	39.42	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	2812142	40.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	70267	6.80	ng/ul	0.00
57) Fluorene-d10	16.12	176	1866051	38.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	228798	28.01	ng/ul	0.00
70) Anthracene-d10	17.95	188	2805198	39.88	ng/ul	0.00
76) Pyrene-d10	20.19	212	2962673	43.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.27	264	2820980	41.28	ng/ul	-0.01

Target Compounds

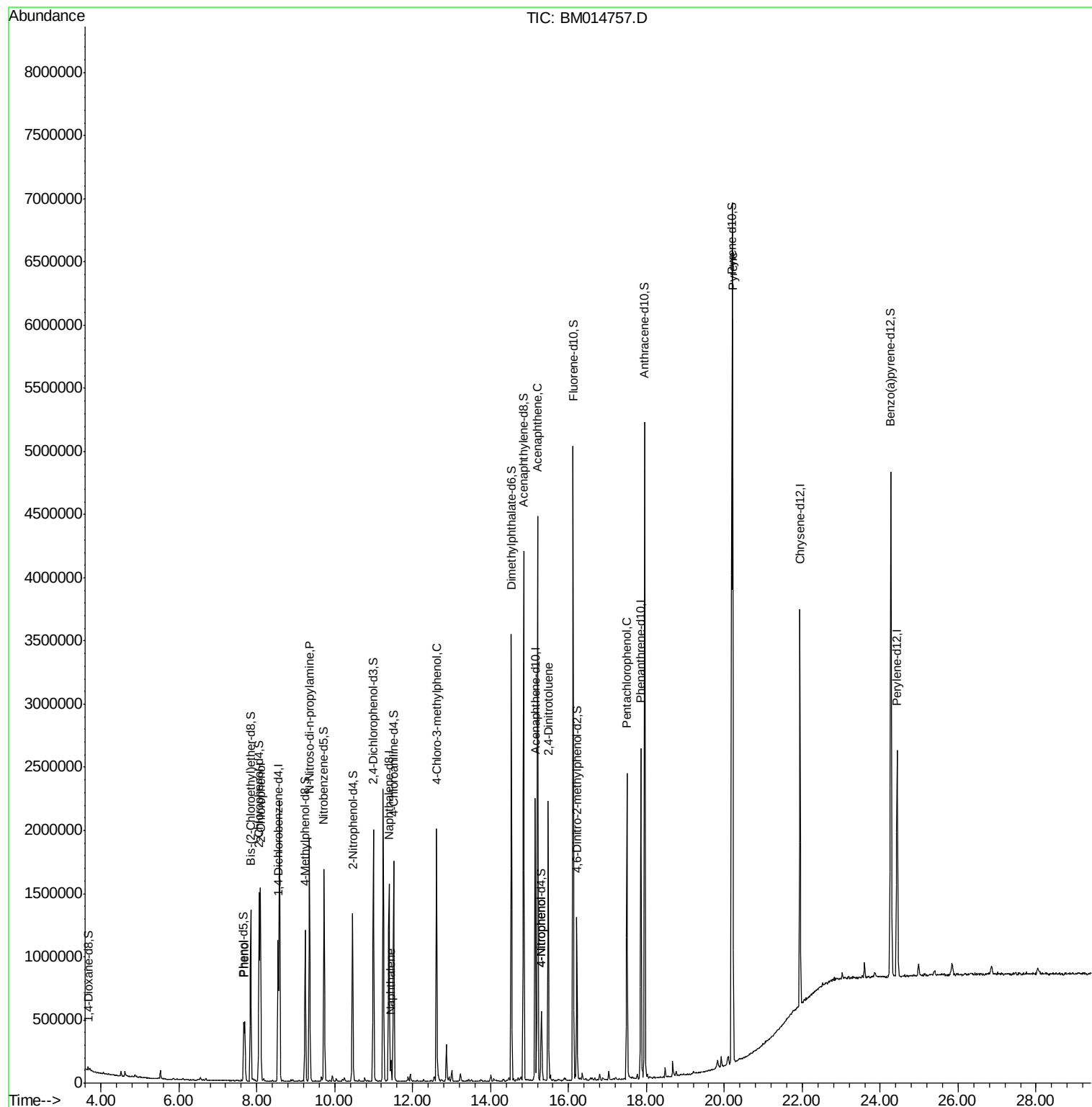
					Ovalue	
6) Phenol	7.69	94	240002	10.746	ng/ul#	80
10) 2-Chlorophenol	8.09	128	642295	34.346	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.35	70	613894	44.596	ng/ul#	80
28) Naphthalene	11.44	128	130933	2.050	ng/ul	99
33) 4-Chloro-3-methylphenol	12.61	107	630735	34.065	ng/ul	94
49) Acenaphthene	15.21	153	1821031	38.490	ng/ul	100
52) 4-Nitrophenol	15.31	109	60833	8.173	ng/ul#	84
54) 2,4-Dinitrotoluene	15.48	165	559672	38.501	ng/ul#	85
68) Pentachlorophenol	17.50	266	407415	38.680	ng/ul	99
77) Pyrene	20.22	202	3641665	42.835	ng/ul#	79

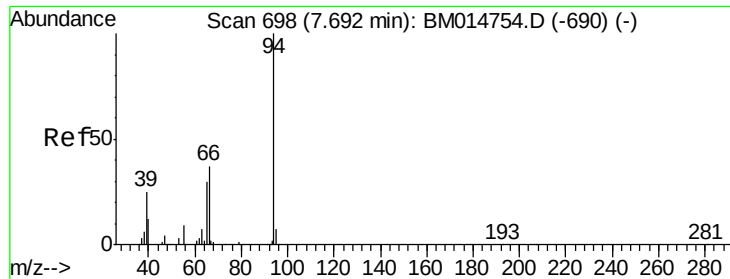
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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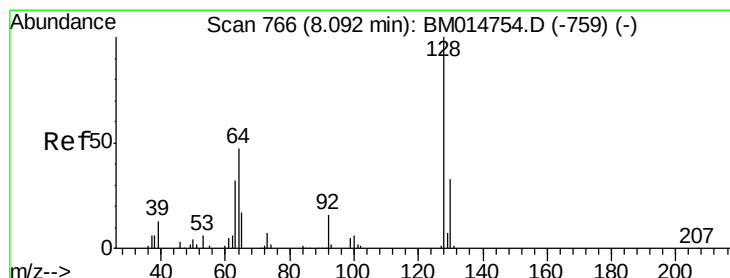
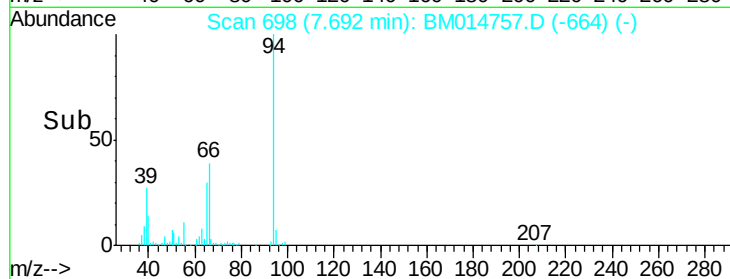
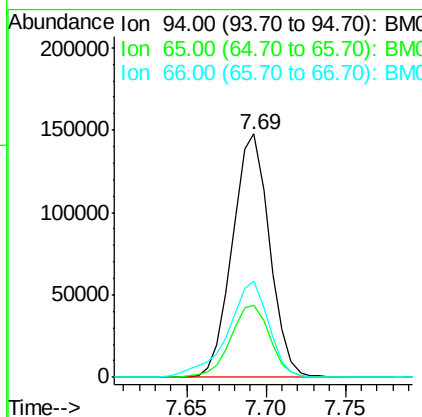
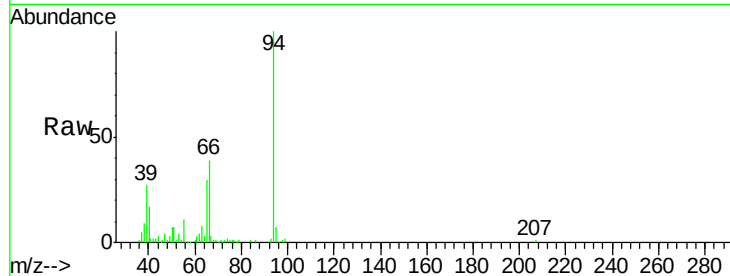
#6

Phenol

Concen: 10.746 ng/ul
 RT: 7.69 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BM014757.D
 Acq: 20 Apr 2018 10:53

Instrument :
 BNA_M
 ClientSampleId :
 ESSM4MSD

Tot Ion	94	Resp	240002
Ion Ratio	Lower	Upper	
94	100		
65	29.8	28.2	42.4
66	39.4	47.2	70.8#

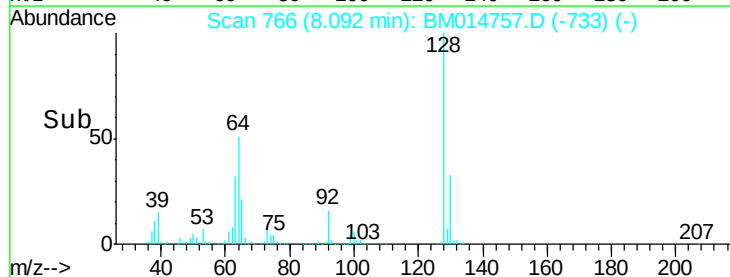
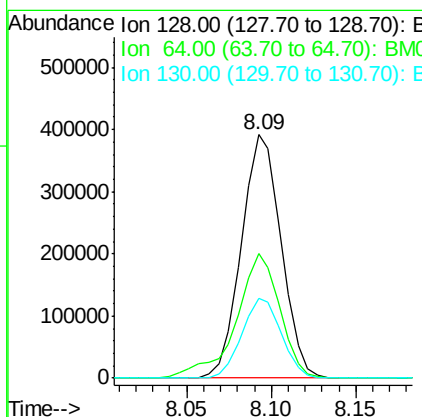
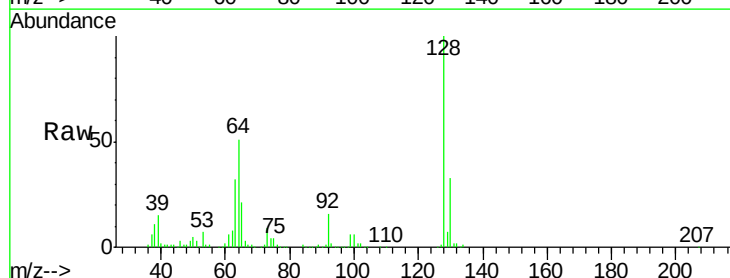


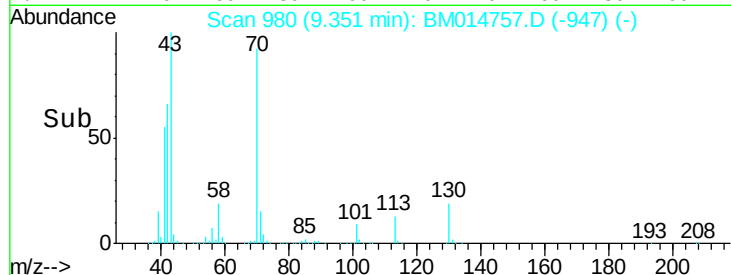
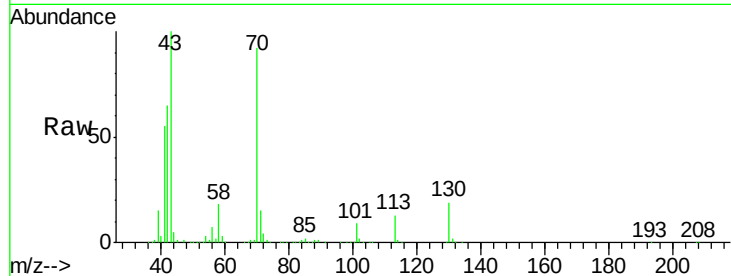
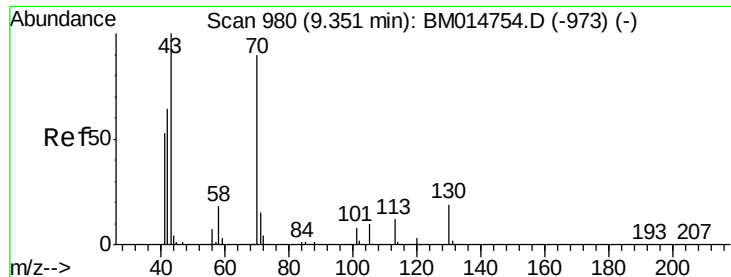
#10

2-Chlorophenol

Concen: 34.346 ng/ul
 RT: 8.09 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BM014757.D
 Acq: 20 Apr 2018 10:53

Tgt Ion	128	Resp	642295
Ion Ratio	Lower	Upper	
128	100		
64	51.4	38.0	57.0
130	33.0	24.4	36.6





#15

N-Nitroso-di-n-propylamine

Concen: 44.596 ng/ul

RT: 9.35 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM014757.D

Acq: 20 Apr 2018 10:53

Instrument :

BNA_M

ClientSampleId :

ESSM4MSD

Tot Ion: 70 Resp: 613894

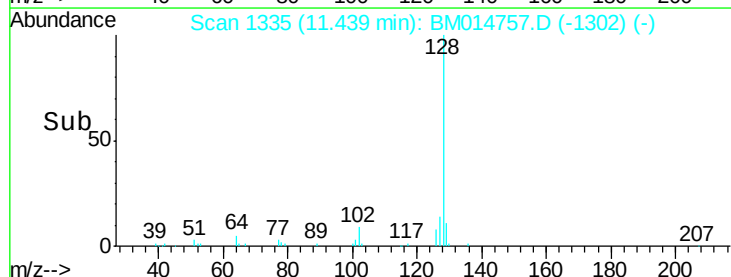
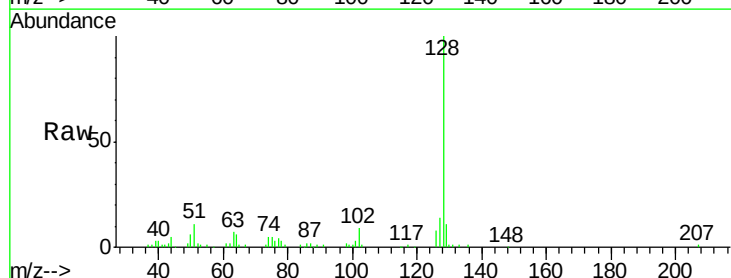
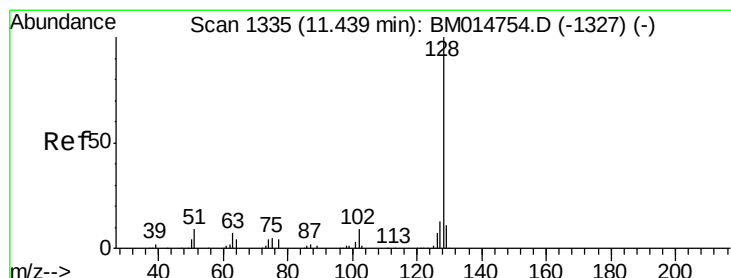
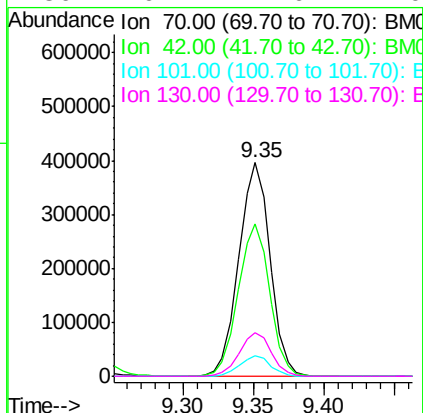
Ion Ratio Lower Upper

70 100

42 71.1 76.0 114.0#

101 9.3 6.7 10.1

130 20.4 14.6 22.0



#28

Naphthalene

Concen: 2.050 ng/ul

RT: 11.44 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM014757.D

Acq: 20 Apr 2018 10:53

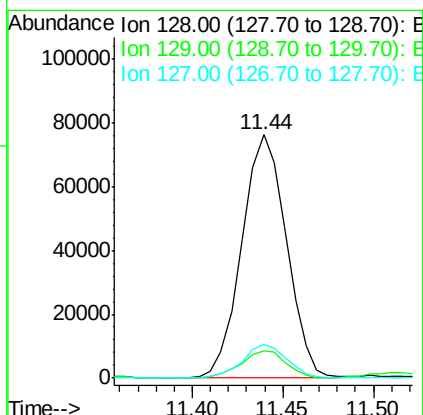
Tgt Ion: 128 Resp: 130933

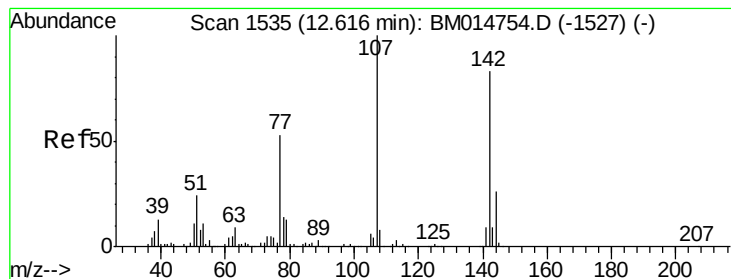
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.8 10.6 16.0





#33

4-Chloro-3-methylphenol

Concen: 34.065 ng/ul

RT: 12.61 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BM014757.D

Acq: 20 Apr 2018 10:53

Instrument :

BNA_M

ClientSampleId :

ESSM4MSD

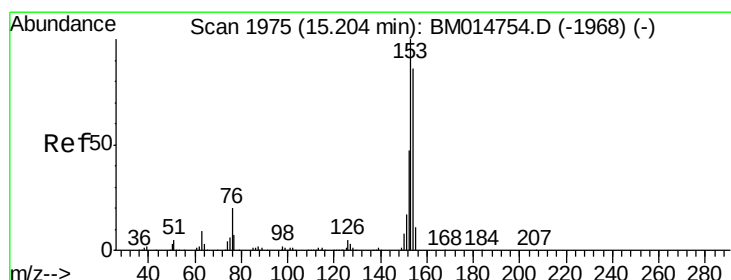
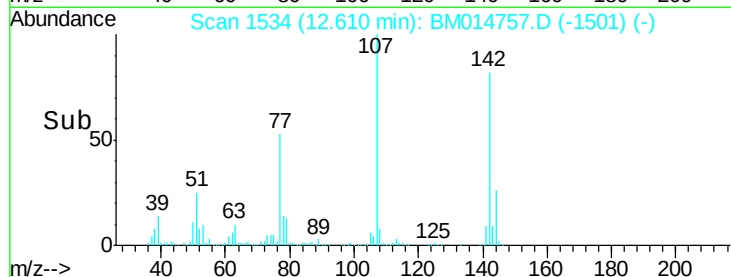
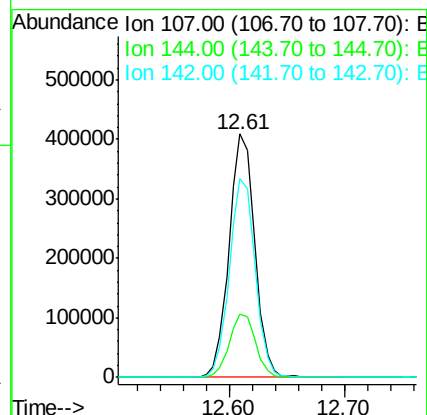
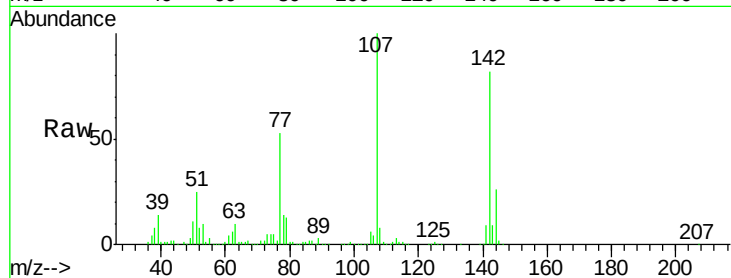
Tot Ion:107 Resp: 630735

Ion Ratio Lower Upper

107 100

144 26.2 20.4 30.6

142 81.7 60.5 90.7



#49

Acenaphthene

Concen: 38.490 ng/ul

RT: 15.21 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM014757.D

Acq: 20 Apr 2018 10:53

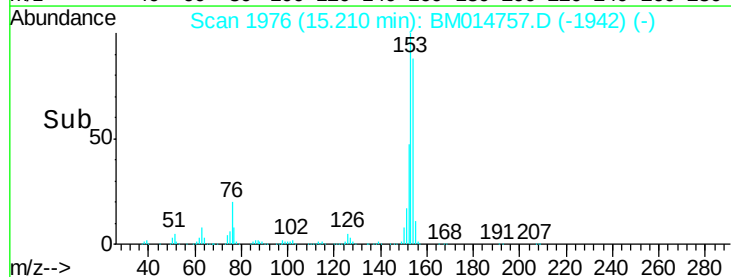
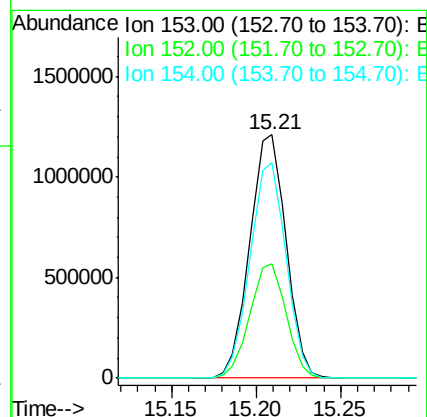
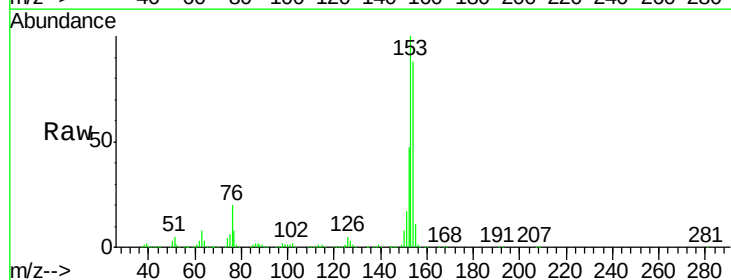
Tgt Ion:153 Resp: 1821031

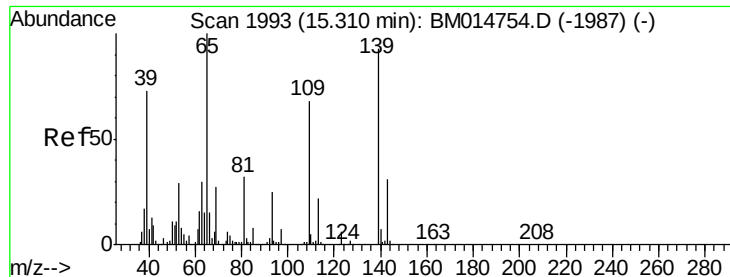
Ion Ratio Lower Upper

153 100

152 47.0 37.6 56.4

154 88.3 70.4 105.6





#52

4-Nitrophenol

Concen: 8.173 ng/ul

RT: 15.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM014757.D

Acq: 20 Apr 2018 10:53

Instrument :

BNA_M

ClientSampleId :

ESSM4MSD

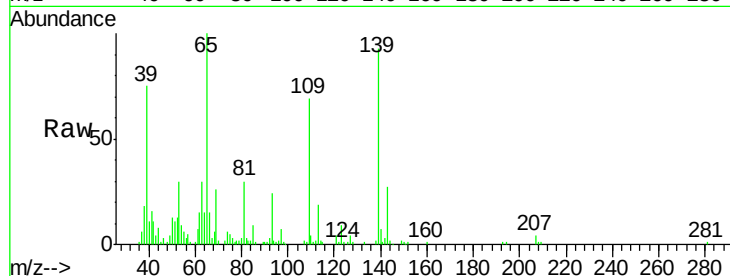
Tot Ion:109 Resp: 60833

Ion Ratio Lower Upper

109 100

139 133.8 80.0 120.0#

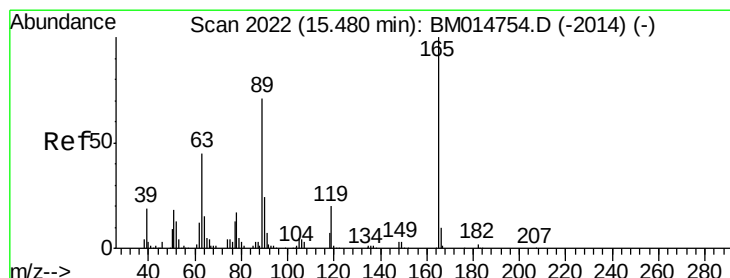
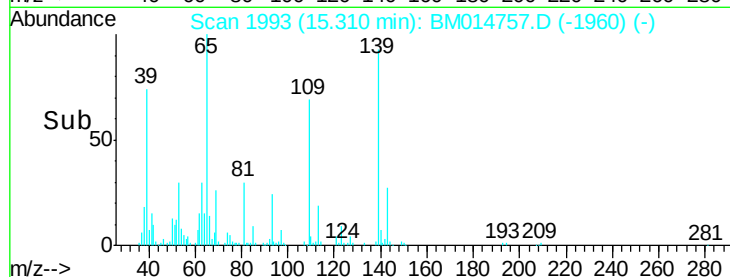
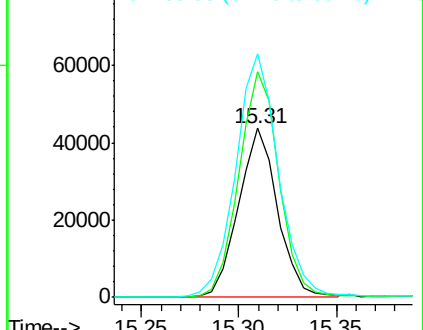
65 144.0 120.0 180.0



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: 38.501 ng/ul

RT: 15.48 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BM014757.D

Acq: 20 Apr 2018 10:53

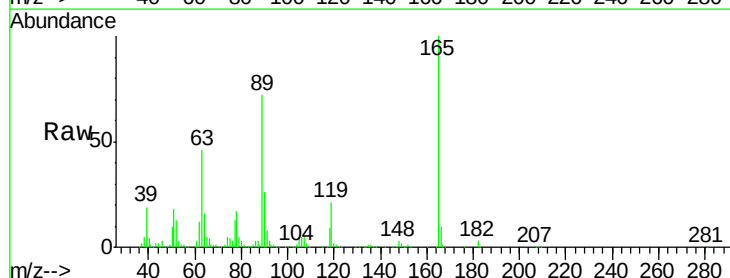
Tgt Ion:165 Resp: 559672

Ion Ratio Lower Upper

165 100

63 45.7 45.8 68.8#

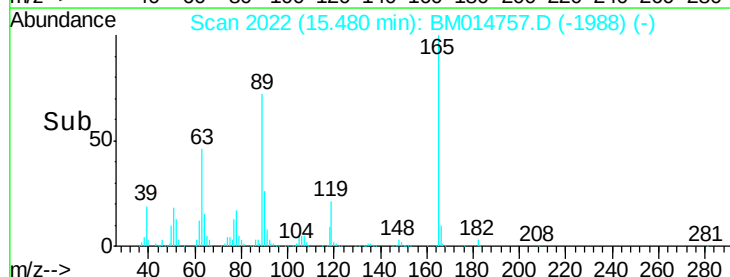
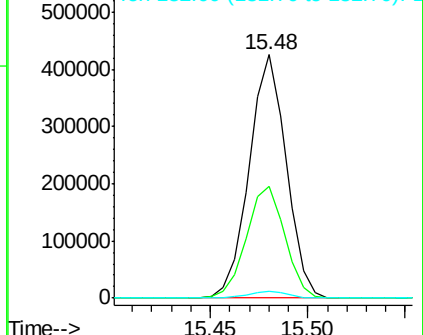
182 2.7 2.6 4.0

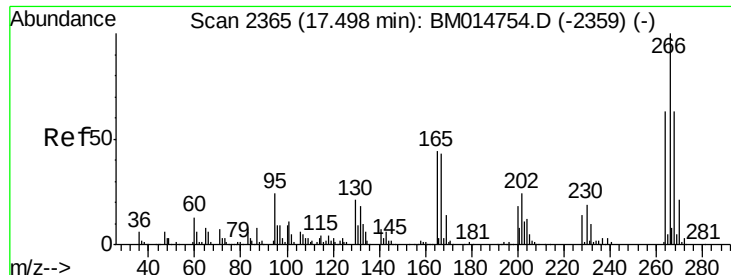


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

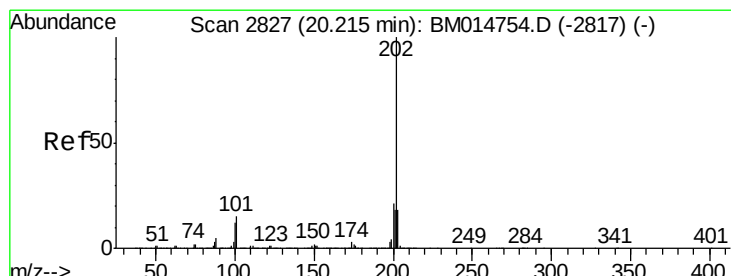
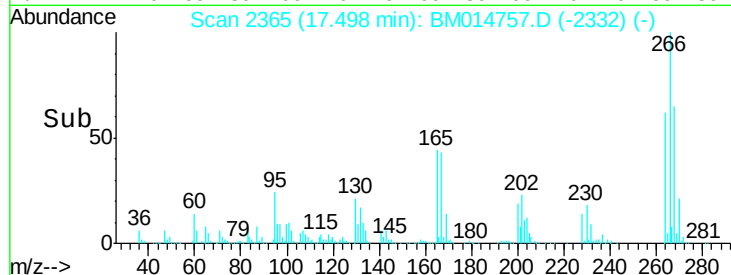
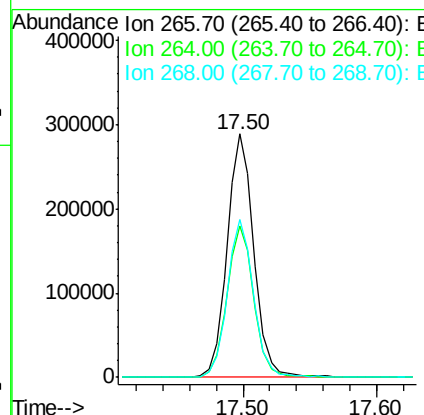
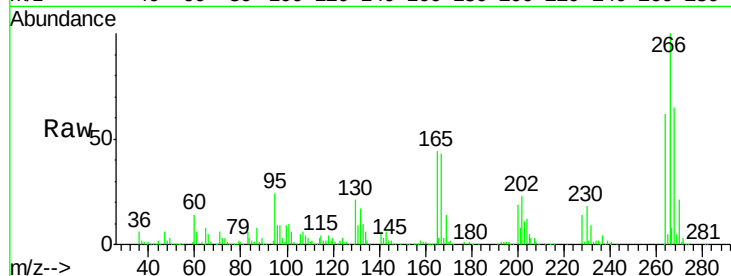




#68
 Pentachlorophenol
 Concen: 38.680 ng/ul
 RT: 17.50 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BM014757.D
 Acq: 20 Apr 2018 10:53

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Tot Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.3	73.9
268	65.0	52.6	78.8



#77
 Pyrene
 Concen: 42.835 ng/ul
 RT: 20.22 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM014757.D
 Acq: 20 Apr 2018 10:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	5.1	7.7#
100	11.9	4.9	7.3#

