

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014740.D
 Acq On : 19 Apr 2018 19:05
 Operator : SJ/JU
 Sample : J2388-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:27:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 01:26:25 2018
 Response via : Initial Calibration

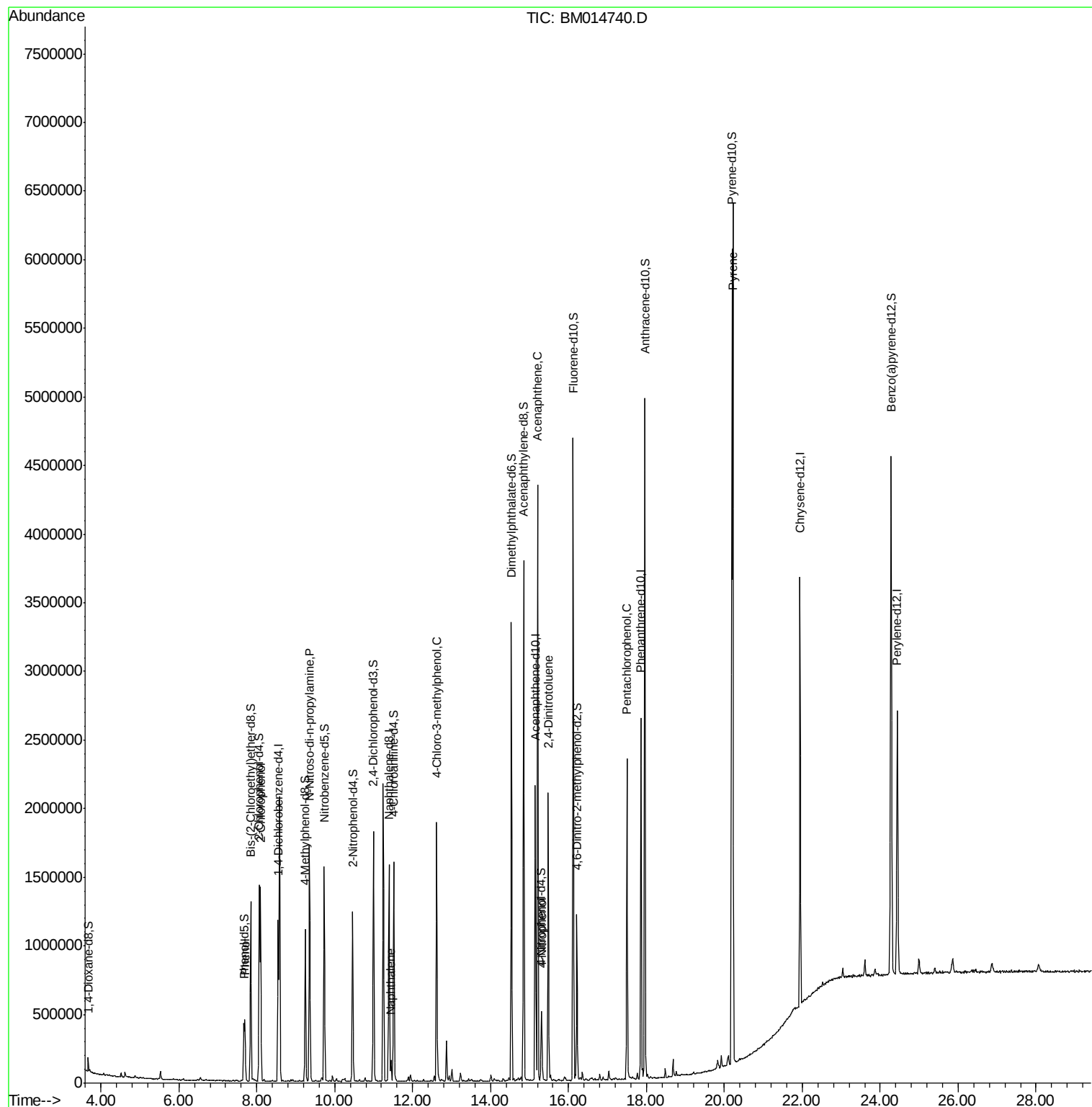
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	304777	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1265280	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	687107	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1476229	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1481919	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1482006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	49808	7.14	ng/uL	0.00
5) Phenol-d5	7.66	99	213906	9.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	594548	39.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	630653	32.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	401754	21.38	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	354856	38.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	349300	38.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	642321	34.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	824433	45.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	2090494	38.98	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	2620427	39.56	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	64487	6.48	ng/ul	0.00
57) Fluorene-d10	16.12	176	1765154	37.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	222532	27.86	ng/ul	0.00
70) Anthracene-d10	17.96	188	2685332	39.03	ng/ul	0.00
76) Pyrene-d10	20.19	212	2882284	41.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	2786824	38.28	ng/ul	0.00
Target Compounds						
6) Phenol	7.69	94	221674	9.562	ng/ul#	80
10) 2-Chlorophenol	8.10	128	605476	31.193	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.35	70	557034	38.986	ng/ul#	81
28) Naphthalene	11.45	128	124929	2.026	ng/ul	99
33) 4-Chloro-3-methylphenol	12.62	107	582840	32.604	ng/ul	92
49) Acenaphthene	15.21	153	1711519	37.532	ng/ul	99
52) 4-Nitrophenol	15.32	109	57477	8.012	ng/ul#	81
54) 2,4-Dinitrotoluene	15.48	165	520949	37.181	ng/ul	88
68) Pentachlorophenol	17.50	266	383907	37.265	ng/ul	97
77) Pyrene	20.22	202	3542036	40.908	ng/ul#	83

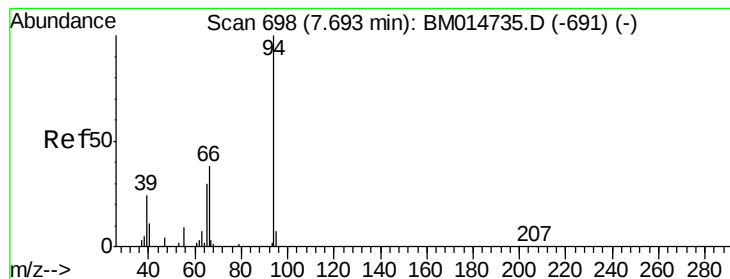
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 9.562 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM014740.D

Acq: 19 Apr 2018 19:05

Instrument :

BNA_M

ClientSampleId :

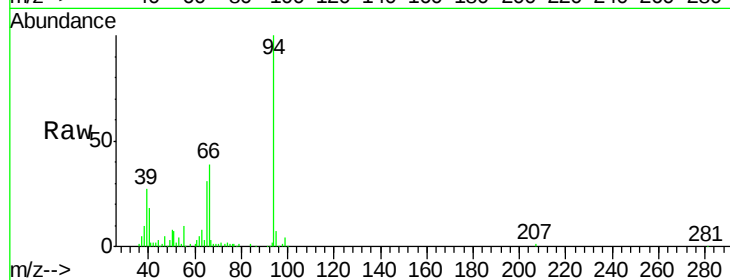
Tot Ion: 94 Resp: 221674

Ion Ratio Lower Upper

94 100

65 31.0 28.2 42.4

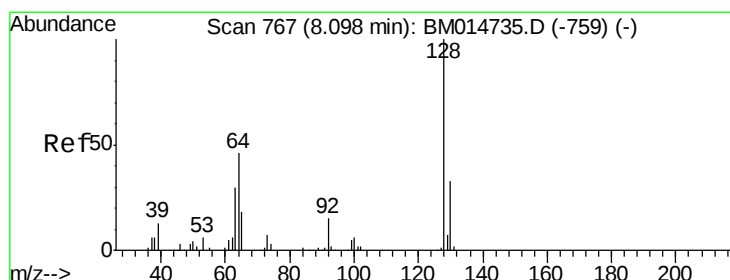
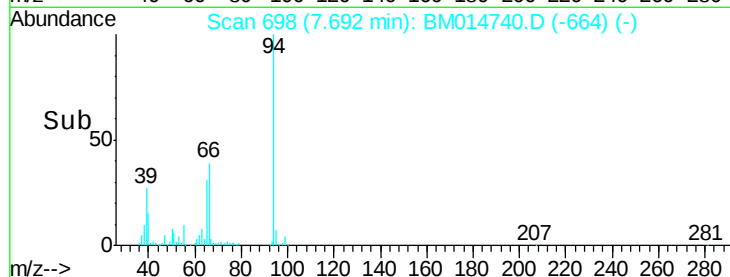
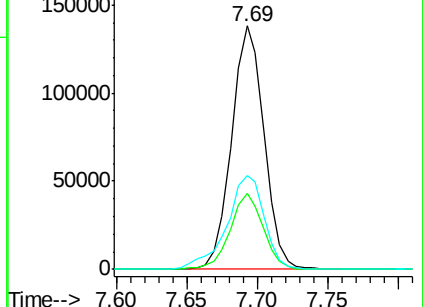
66 38.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014740.D (-691) (-)

Ion 65.00 (64.70 to 65.70): BM014740.D (-691) (-)

Ion 66.00 (65.70 to 66.70): BM014740.D (-691) (-)



#10

2-Chlorophenol

Concen: 31.193 ng/ul

RT: 8.10 min Scan# 767

Delta R.T. -0.00 min

Lab File: BM014740.D

Acq: 19 Apr 2018 19:05

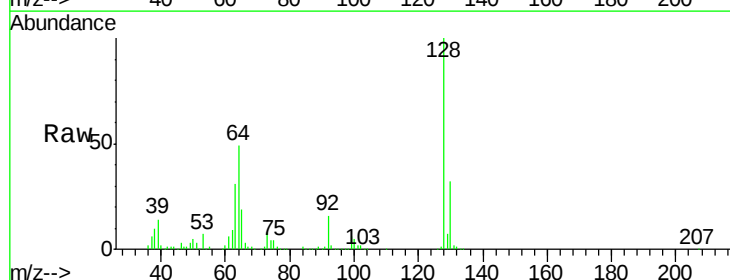
Tgt Ion: 128 Resp: 605476

Ion Ratio Lower Upper

128 100

64 49.1 38.0 57.0

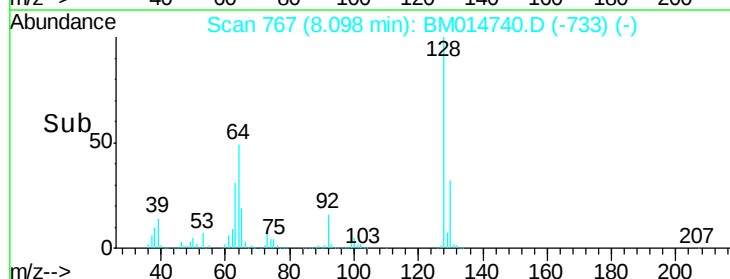
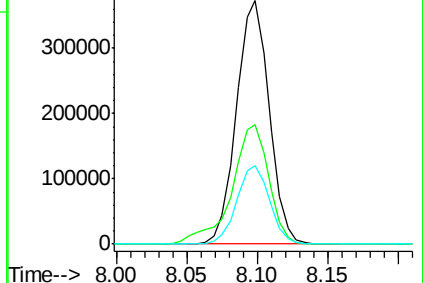
130 32.2 24.4 36.6

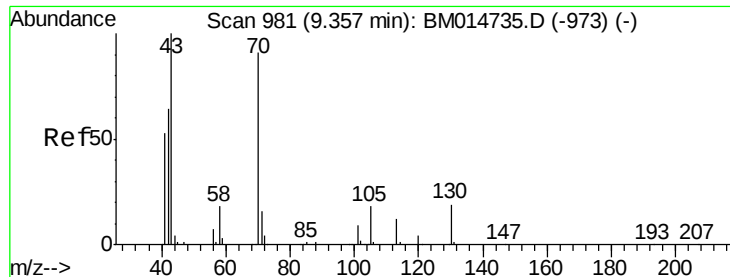


Abundance Ion 128.00 (127.70 to 128.70): BM014740.D (-759) (-)

Ion 64.00 (63.70 to 64.70): BM014740.D (-759) (-)

Ion 130.00 (129.70 to 130.70): BM014740.D (-759) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 38.986 ng/ul

RT: 9.35 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM014740.D

Acq: 19 Apr 2018 19:05

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 557034

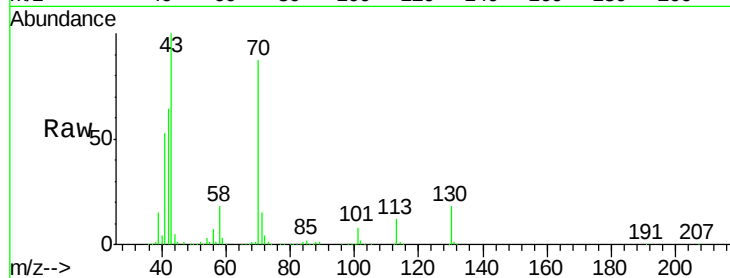
Ion Ratio Lower Upper

70 100

42 72.7 76.0 114.0#

101 9.3 6.7 10.1

130 20.5 14.6 22.0

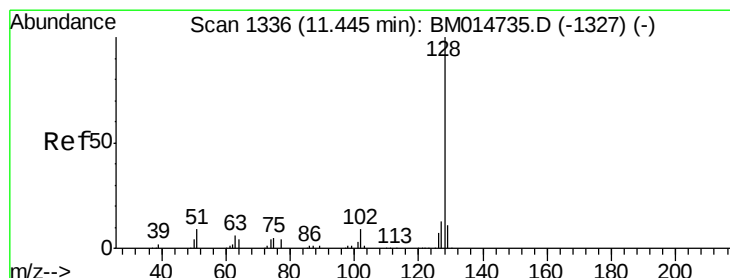
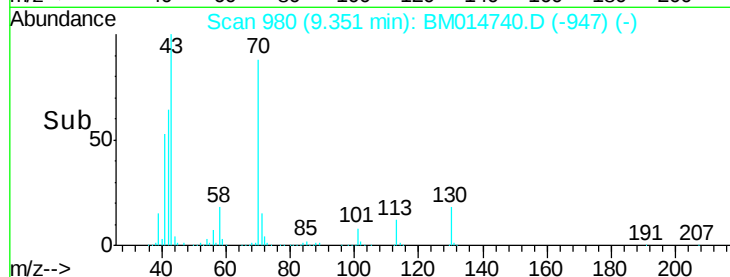
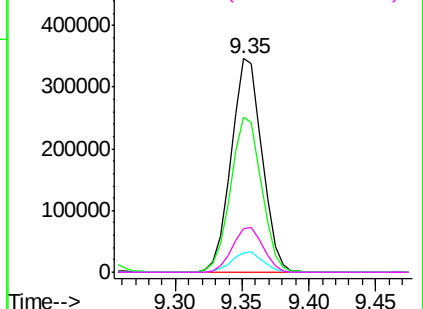


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#28

Naphthalene

Concen: 2.026 ng/ul

RT: 11.45 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM014740.D

Acq: 19 Apr 2018 19:05

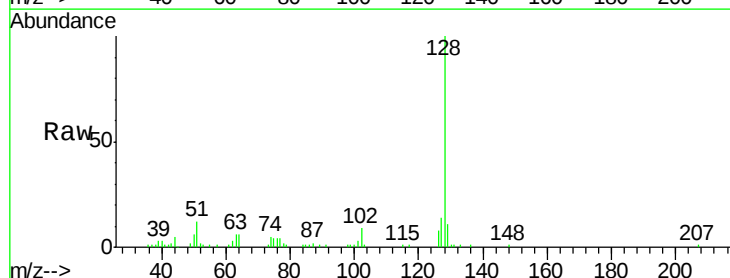
Tgt Ion: 128 Resp: 124929

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

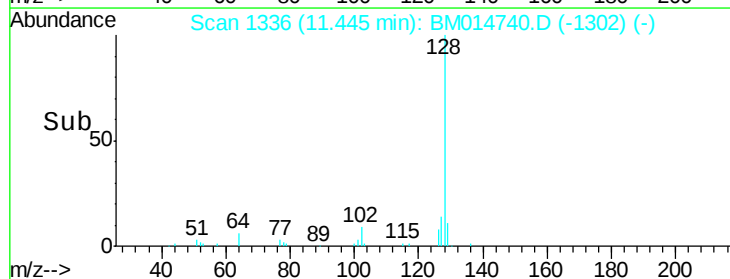
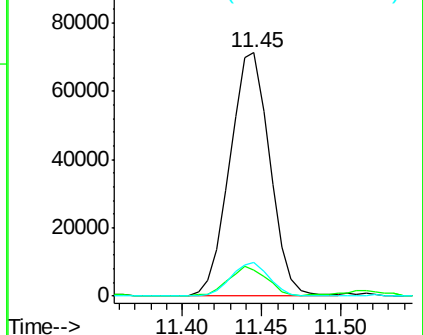
127 13.9 10.6 16.0

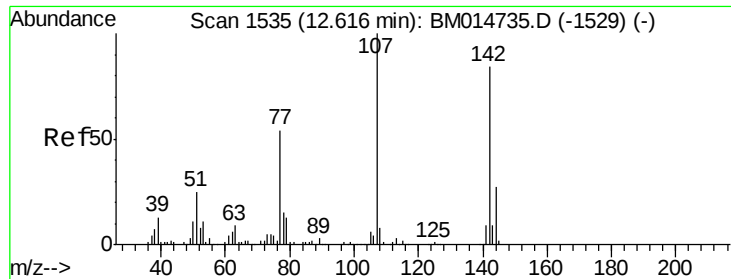


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

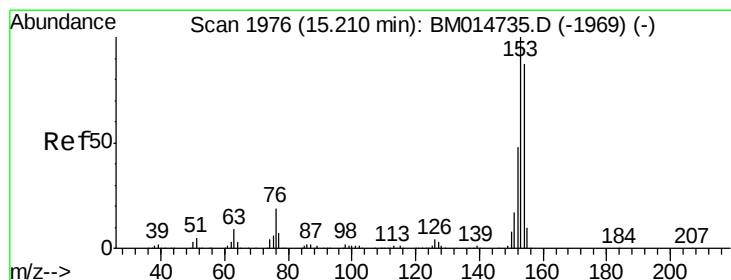
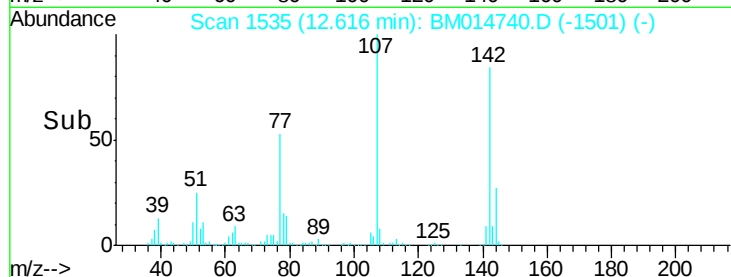
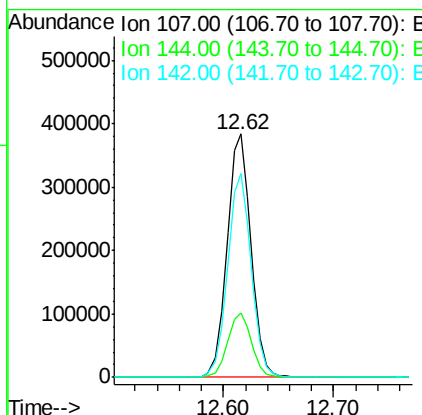
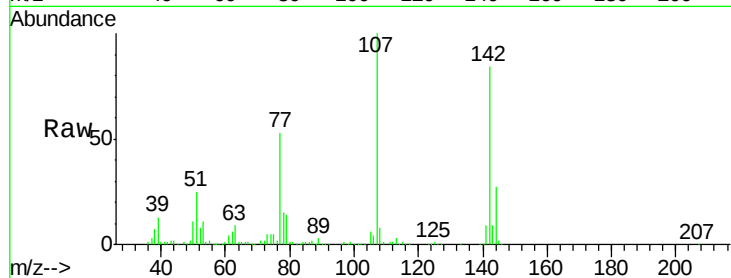




#33
 4-Chloro-3-methylphenol
 Concen: 32.604 ng/ul
 RT: 12.62 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BM014740.D
 Acq: 19 Apr 2018 19:05

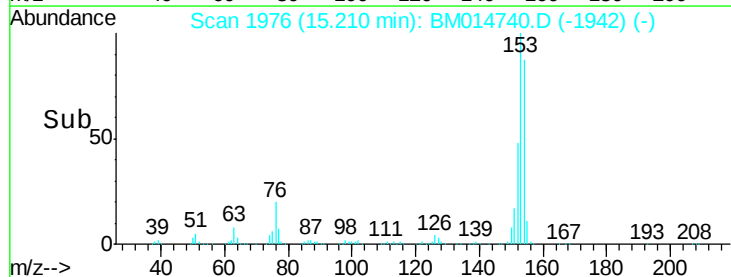
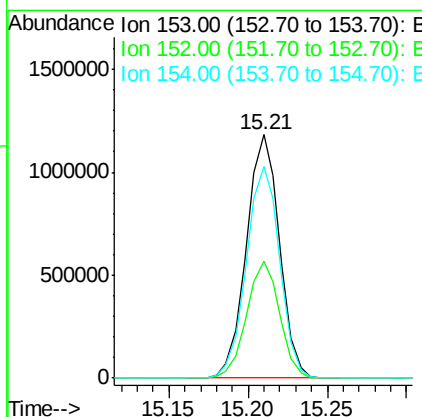
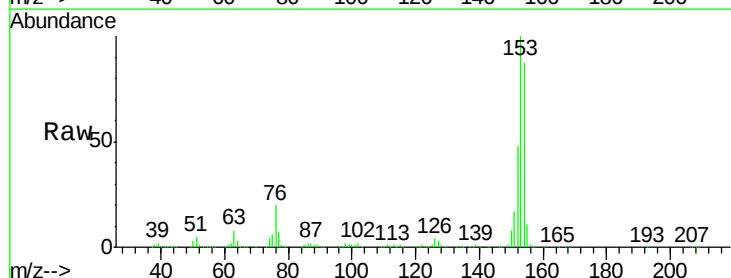
Instrument :
 BNA_M
 ClientSampleId :

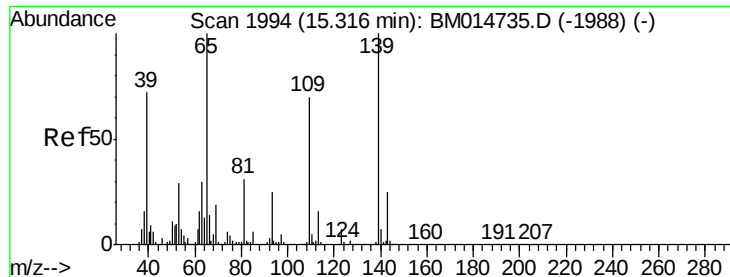
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.4	30.6
142	83.9	60.5	90.7



#49
 Acenaphthene
 Concen: 37.532 ng/ul
 RT: 15.21 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BM014740.D
 Acq: 19 Apr 2018 19:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.6	56.4
154	87.2	70.4	105.6





#52

4-Nitrophenol

Concen: 8.012 ng/ul

RT: 15.32 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BM014740.D

Acq: 19 Apr 2018 19:05

Instrument :

BNA_M

ClientSampleId :

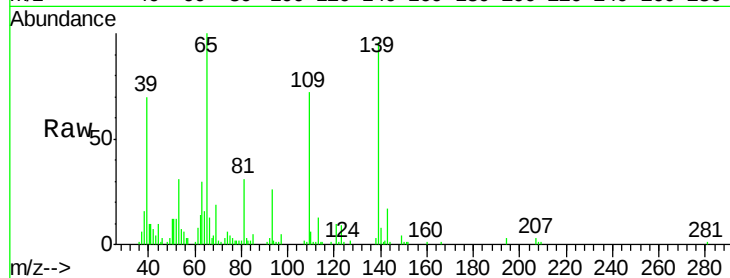
Tot Ion:109 Resp: 57477

Ion Ratio Lower Upper

109 100

139 133.0 80.0 120.0#

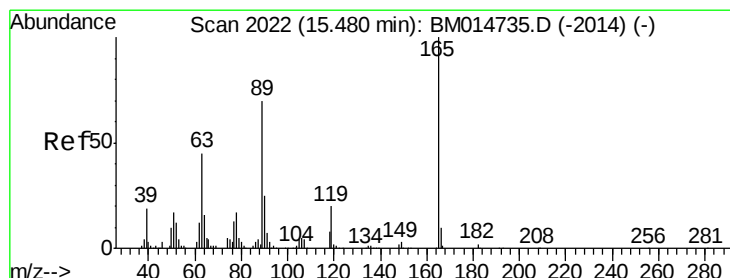
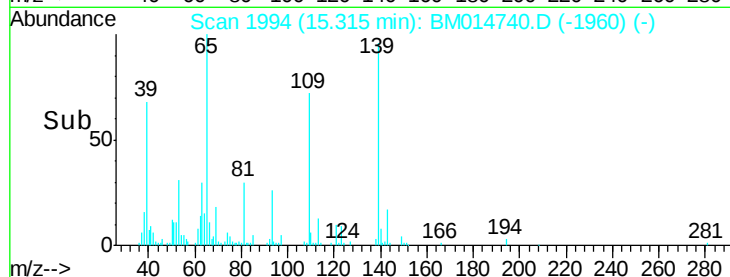
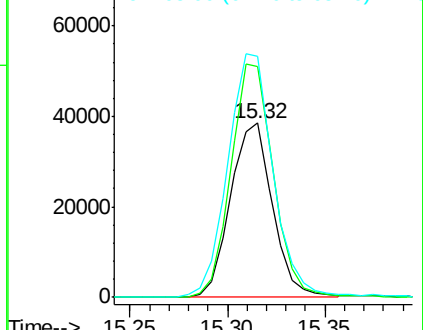
65 138.5 120.0 180.0



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: 37.181 ng/ul

RT: 15.48 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BM014740.D

Acq: 19 Apr 2018 19:05

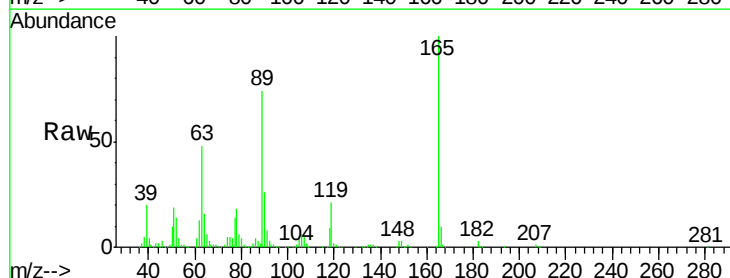
Tgt Ion:165 Resp: 520949

Ion Ratio Lower Upper

165 100

63 48.1 45.8 68.8

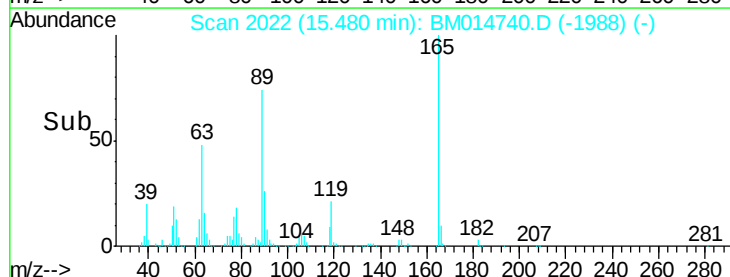
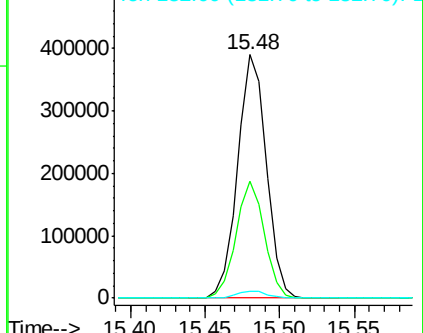
182 2.7 2.6 4.0

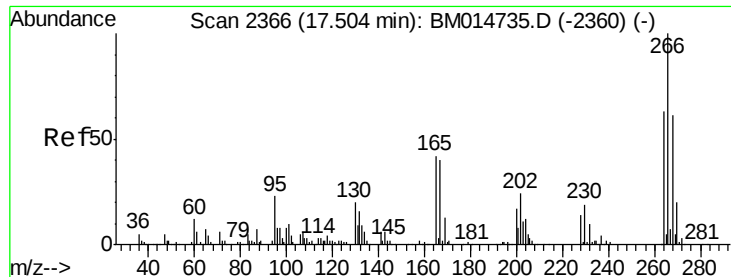


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

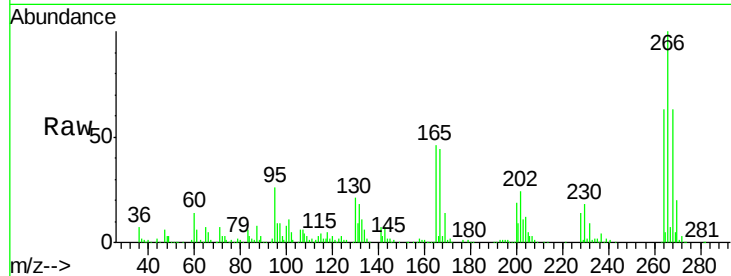




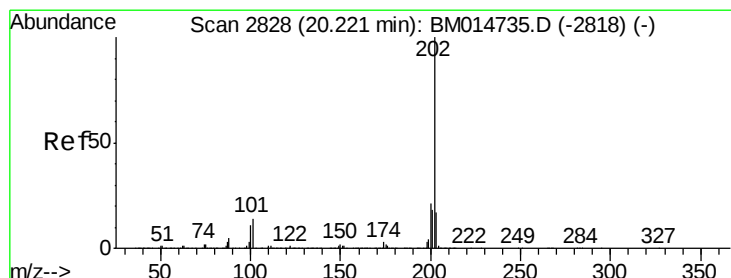
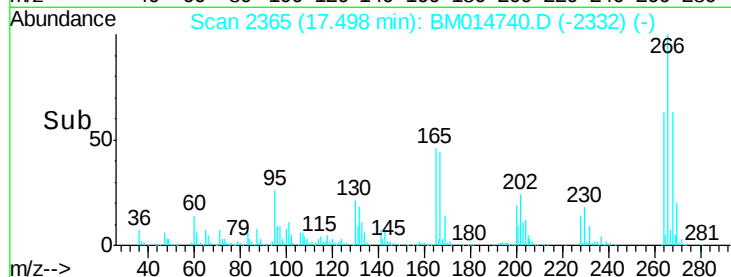
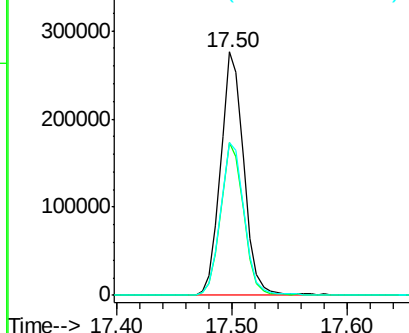
#68
 Pentachlorophenol
 Concen: 37.265 ng/ul
 RT: 17.50 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BM014740.D
 Acq: 19 Apr 2018 19:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.3	73.9
268	62.7	52.6	78.8

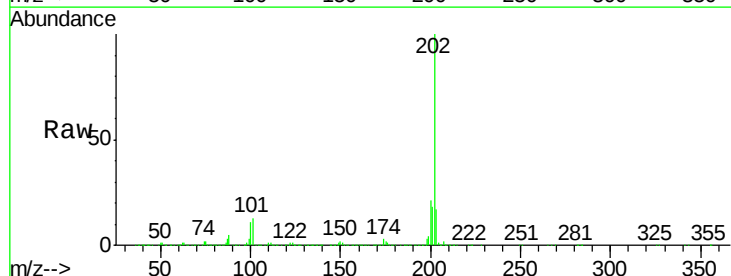


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 40.908 ng/ul
 RT: 20.22 min Scan# 2828
 Delta R.T. -0.00 min
 Lab File: BM014740.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	5.1	7.7#
100	11.0	4.9	7.3#



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

