

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014739.D
 Acq On : 19 Apr 2018 18:29
 Operator : SJ/JU
 Sample : J2388-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:27:34 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	304328	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1276738	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	680914	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1491957	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1477077	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1497209	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	40085	5.75	ng/uL	0.00
5) Phenol-d5	7.66	99	36264	1.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	113757	7.54	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	107313	5.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	70296	3.75	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	60313	6.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	53725	5.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	110111	5.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	180724	9.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	430228	8.09	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	443472	6.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	9509	0.96	ng/ul	-0.01
57) Fluorene-d10	16.12	176	343413	7.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	35002	4.34	ng/ul	0.00
70) Anthracene-d10	17.96	188	564341	8.12	ng/ul	0.00
76) Pyrene-d10	20.19	212	633297	9.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	614511	8.35	ng/ul	0.00

Target Compounds

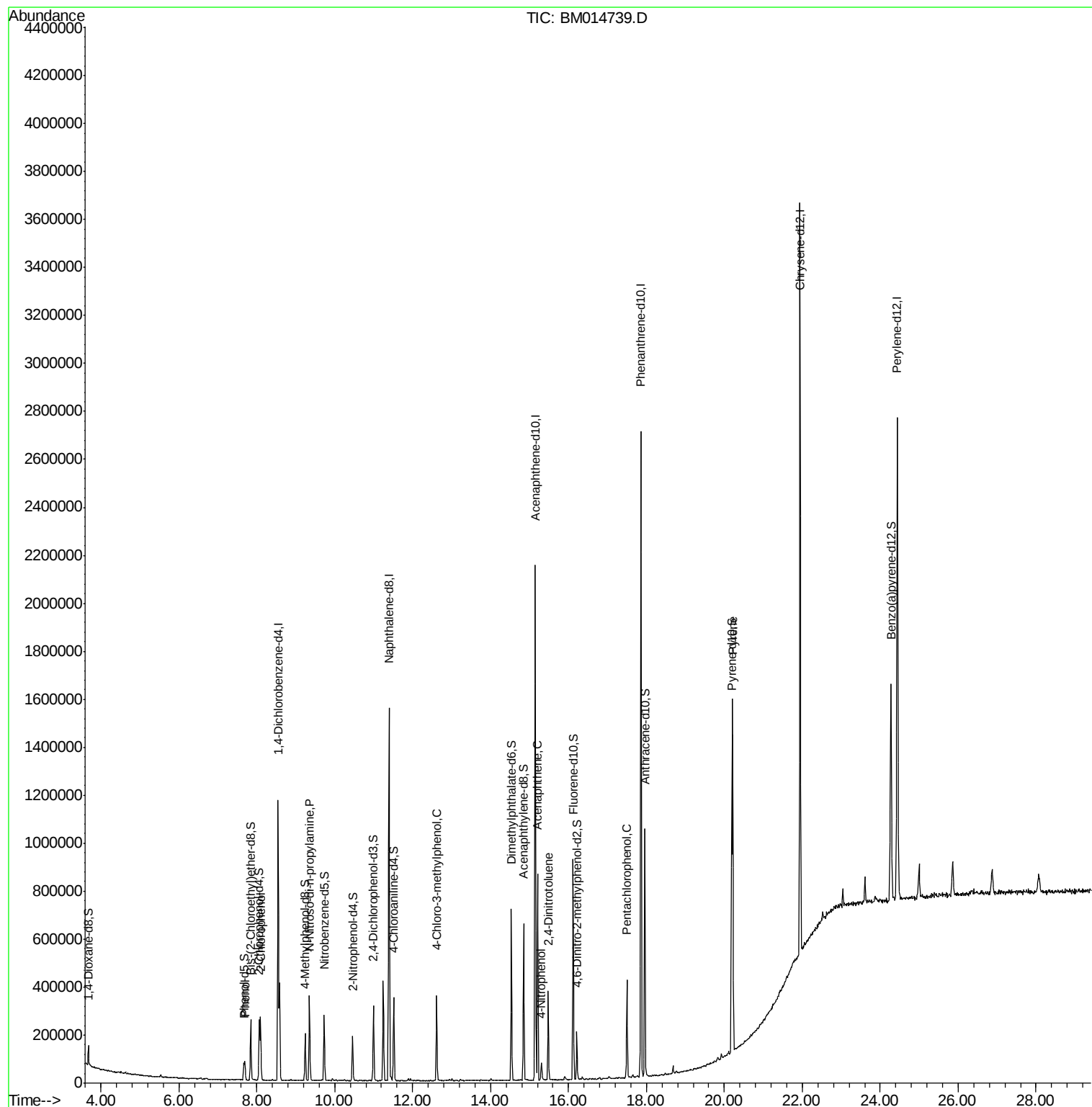
					Ovalue	
6) Phenol	7.69	94	39508	1.707	ng/ul#	82
10) 2-Chlorophenol	8.10	128	116028	5.986	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.35	70	110655	7.756	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.62	107	108737	6.028	ng/ul	90
49) Acenaphthene	15.21	153	334647	7.405	ng/ul	99
52) 4-Nitrophenol	15.31	109	8067	1.135	ng/ul#	84
54) 2,4-Dinitrotoluene	15.48	165	86760	6.249	ng/ul#	86
68) Pentachlorophenol	17.50	266	68609	6.589	ng/ul	95
77) Pvrene	20.22	202	840315	9.737	ng/ul#	80

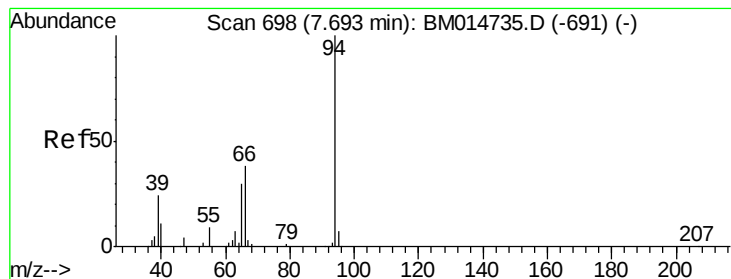
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.707 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM014739.D

Acq: 19 Apr 2018 18:29

Instrument :

BNA_M

ClientSampleId :

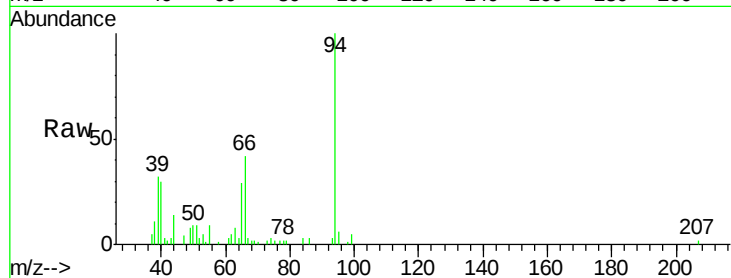
Tot Ion: 94 Resp: 39508

Ion Ratio Lower Upper

94 100

65 28.7 28.2 42.4

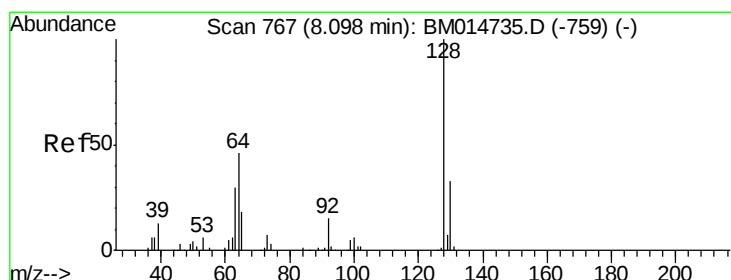
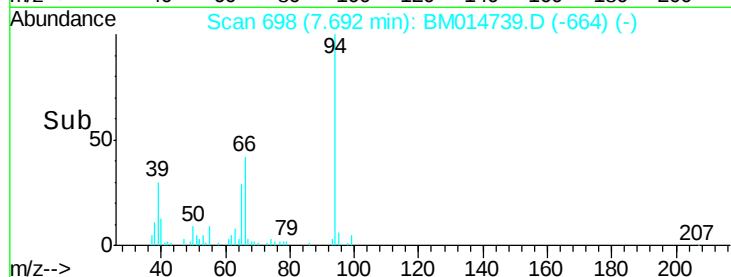
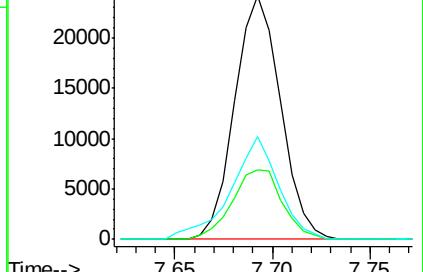
66 42.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014739.D (-691) (-)

Ion 65.00 (64.70 to 65.70): BM014739.D (-691) (-)

Ion 66.00 (65.70 to 66.70): BM014739.D (-691) (-)



#10

2-Chlorophenol

Concen: 5.986 ng/ul

RT: 8.10 min Scan# 767

Delta R.T. -0.00 min

Lab File: BM014739.D

Acq: 19 Apr 2018 18:29

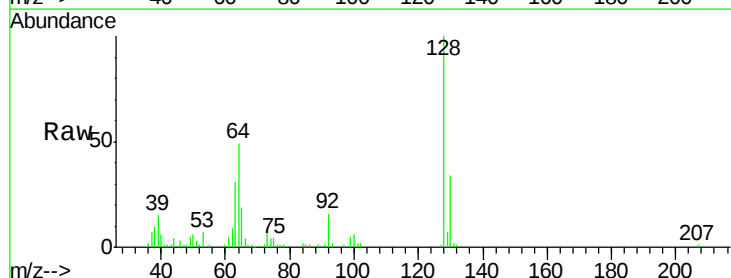
Tgt Ion: 128 Resp: 116028

Ion Ratio Lower Upper

128 100

64 49.5 38.0 57.0

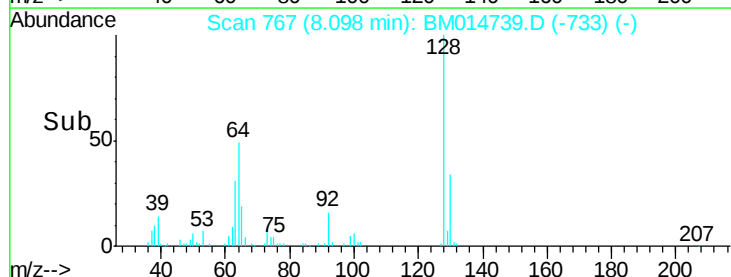
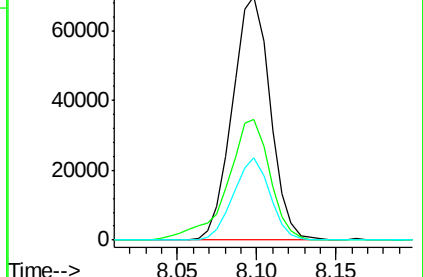
130 33.7 24.4 36.6

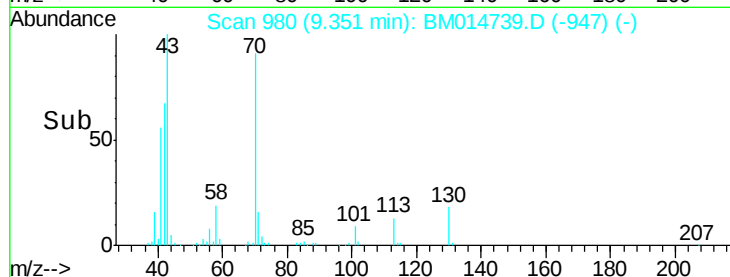
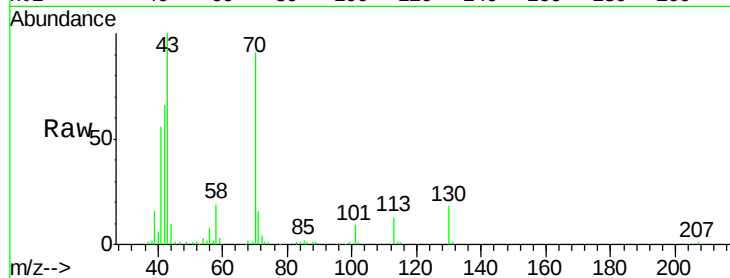
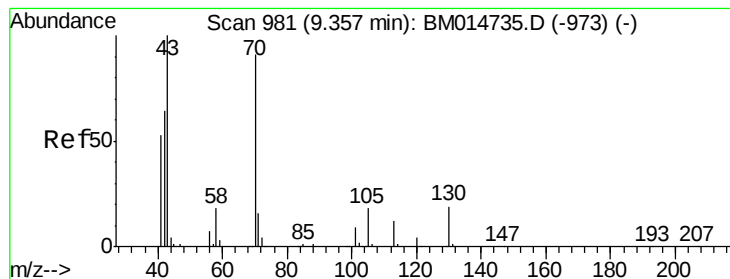


Abundance Ion 128.00 (127.70 to 128.70): BM014739.D (-759) (-)

Ion 64.00 (63.70 to 64.70): BM014739.D (-759) (-)

Ion 130.00 (129.70 to 130.70): BM014739.D (-759) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 7.756 ng/ul

RT: 9.35 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM014739.D

Acq: 19 Apr 2018 18:29

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 110655

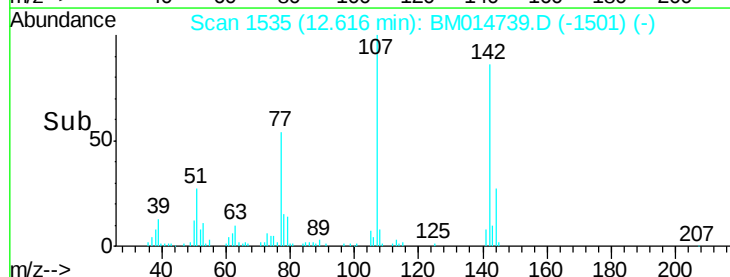
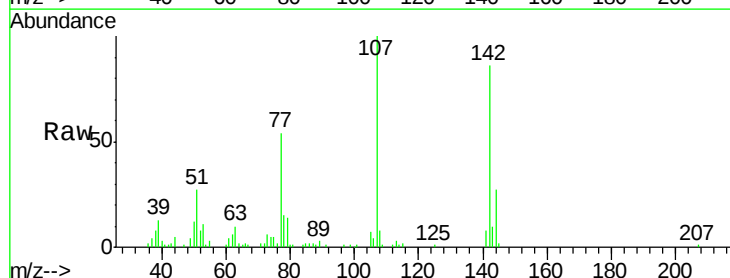
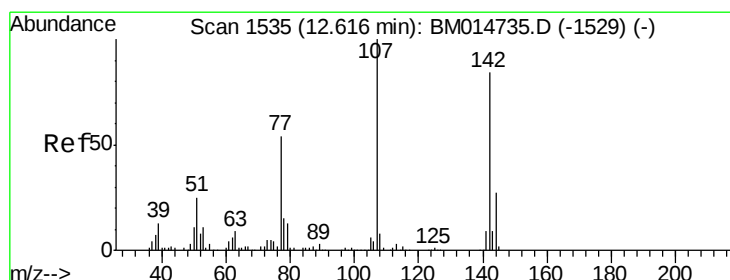
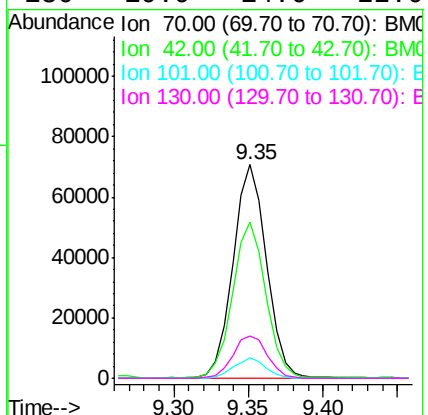
Ion Ratio Lower Upper

70 100

42 73.0 76.0 114.0#

101 9.6 6.7 10.1

130 19.9 14.6 22.0



#33

4-Chloro-3-methylphenol

Concen: 6.028 ng/ul

RT: 12.62 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM014739.D

Acq: 19 Apr 2018 18:29

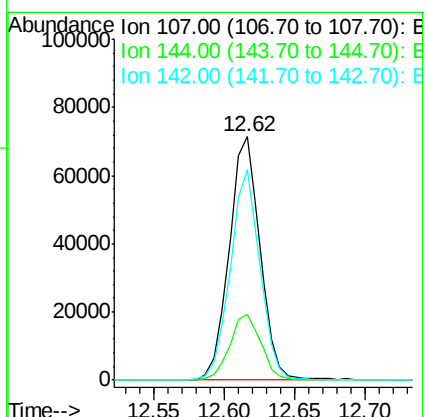
Tgt Ion: 107 Resp: 108737

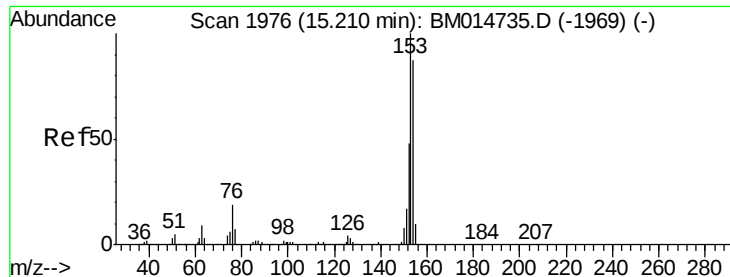
Ion Ratio Lower Upper

107 100

144 27.2 20.4 30.6

142 86.3 60.5 90.7





#49

Acenaphthene

Concen: 7.405 ng/ul

RT: 15.21 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM014739.D

Acq: 19 Apr 2018 18:29

Instrument :

BNA_M

ClientSampleId :

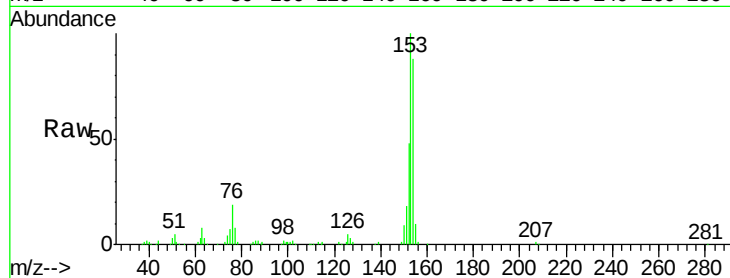
Tot Ion:153 Resp: 334647

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

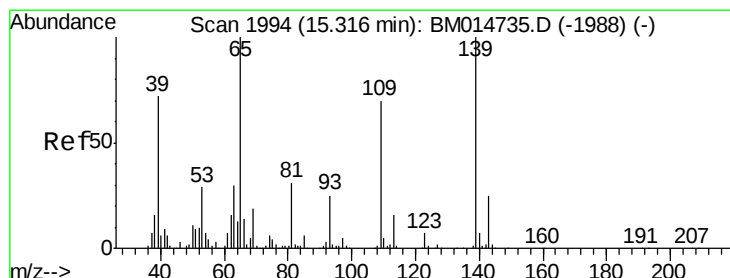
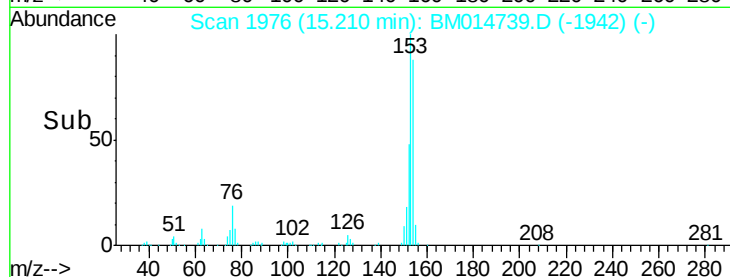
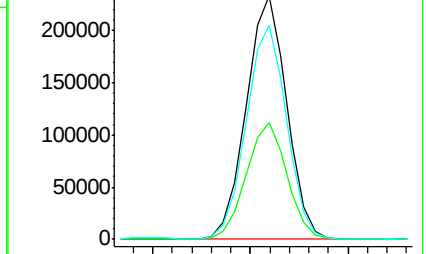
154 87.9 70.4 105.6



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



#52

4-Nitrophenol

Concen: 1.135 ng/ul

RT: 15.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM014739.D

Acq: 19 Apr 2018 18:29

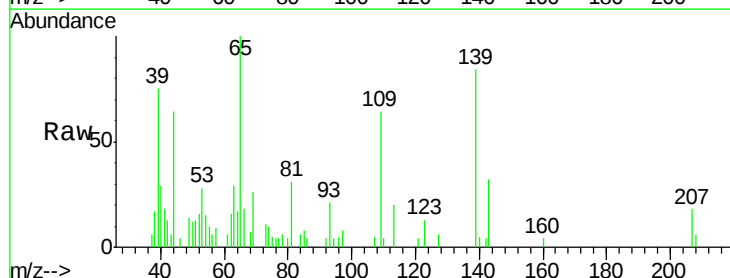
Tgt Ion:109 Resp: 8067

Ion Ratio Lower Upper

109 100

139 131.5 80.0 120.0#

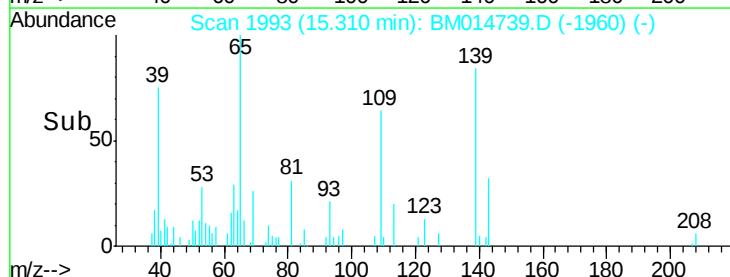
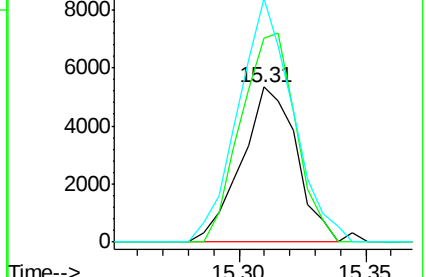
65 157.4 120.0 180.0

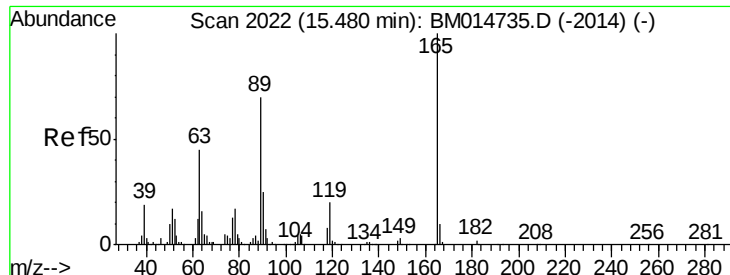


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

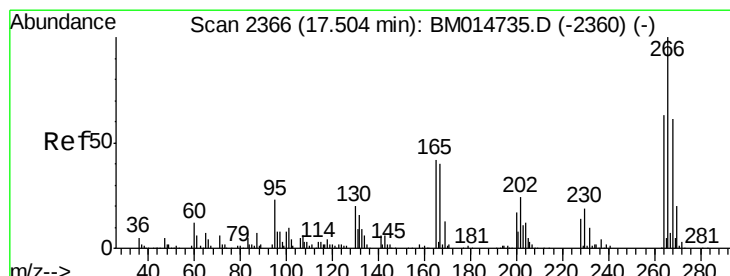
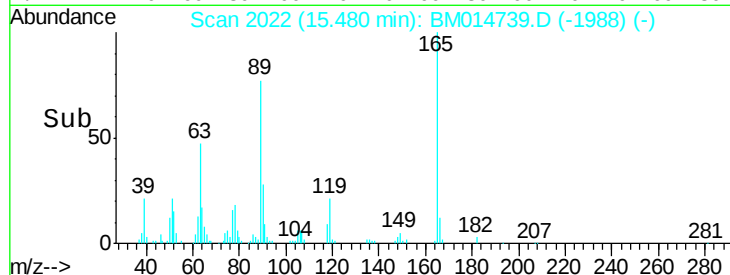
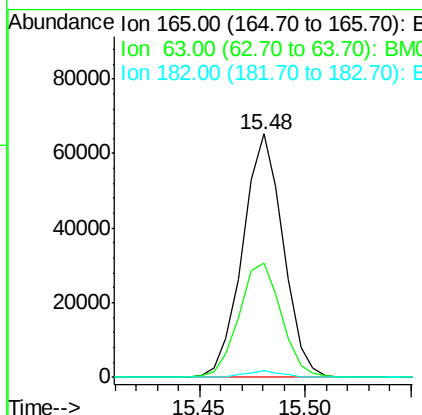
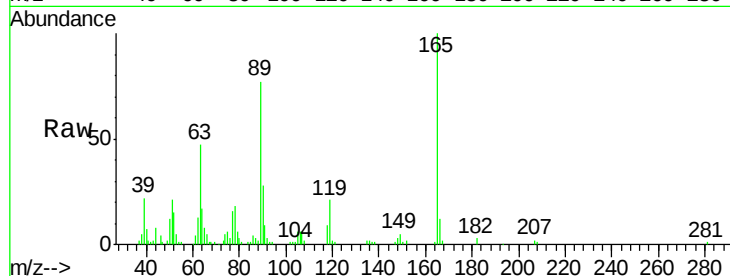




#54
 2,4-Dinitrotoluene
 Concen: 6.249 ng/ul
 RT: 15.48 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BM014739.D
 Acq: 19 Apr 2018 18:29

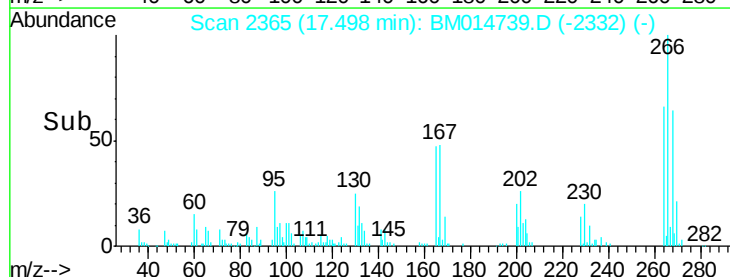
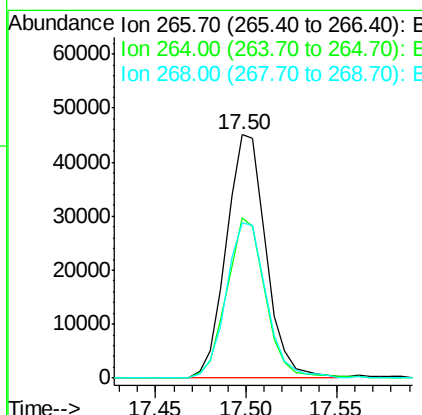
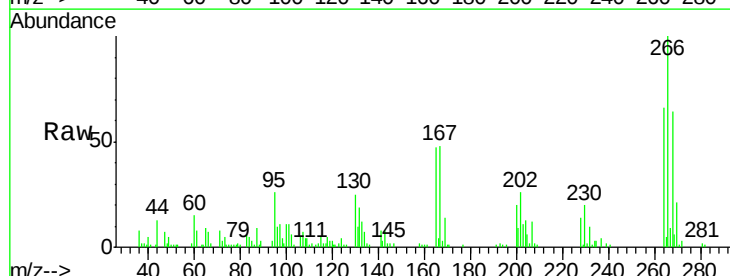
Instrument :
 BNA_M
 ClientSampleId :

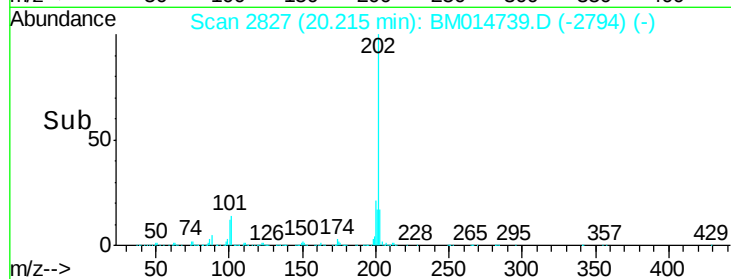
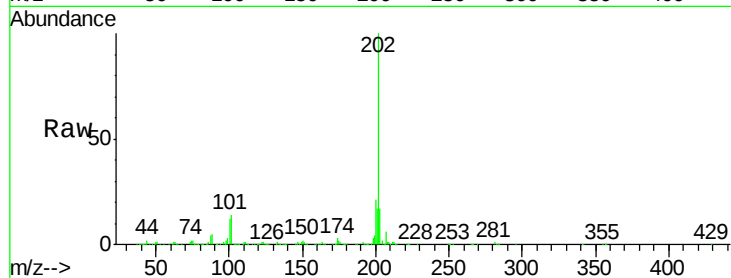
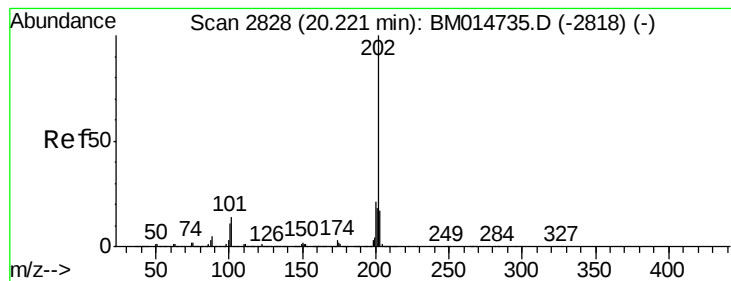
Tot Ion:165 Resp: 86760
 Ion Ratio Lower Upper
 165 100
 63 46.7 45.8 68.8
 182 2.6 2.6 4.0#



#68
 Pentachlorophenol
 Concen: 6.589 ng/ul
 RT: 17.50 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BM014739.D
 Acq: 19 Apr 2018 18:29

Tgt Ion:266 Resp: 68609
 Ion Ratio Lower Upper
 266 100
 264 65.8 49.3 73.9
 268 69.2 52.6 78.8





#77

Pvrene

Concen: 9.737 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014739.D

Acq: 19 Apr 2018 18:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 202 Resp: 840315

Ion Ratio Lower Upper

202 100

101 14.2 5.1 7.7#

100 11.6 4.9 7.3#

