

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014780.D
 Acq On : 23 Apr 2018 16:18
 Operator : SJ/JU
 Sample : J2431-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 01:49:04 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 01:47:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	349522	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1449985	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	768022	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1615744	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1598531	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1665658	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	54918	6.86	ng/uL	0.00
5) Phenol-d5	7.65	99	207298	7.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	622486	35.93	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	636418	28.16	ng/ul	0.00
13) 4-Methylphenol-d8	9.23	113	391303	18.16	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	380310	36.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	398870	38.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	649038	30.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.50	131	525	0.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2175141	36.28	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2730586	36.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	76312	6.86	ng/ul	0.00
57) Fluorene-d10	16.10	176	1836274	35.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	278083	31.81	ng/ul	0.00
70) Anthracene-d10	17.94	188	2757074	36.62	ng/ul	0.00
76) Pyrene-d10	20.17	212	2874021	38.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2857659	34.92	ng/ul	0.00

Target Compounds

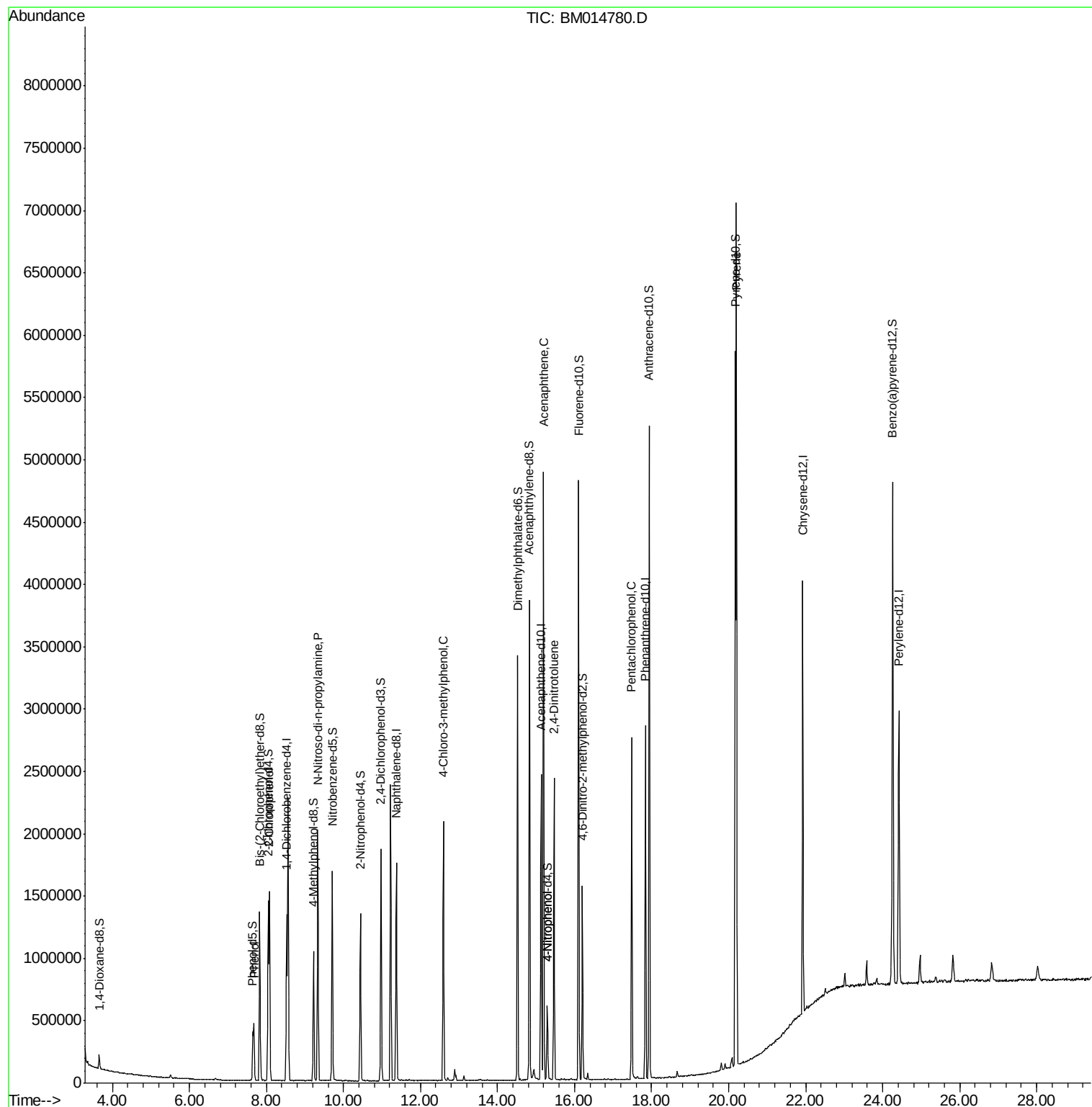
					Ovalue	
6) Phenol	7.67	94	227621	8.562	ng/ul#	80
10) 2-Chlorophenol	8.08	128	658771	29.594	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.33	70	660271	40.295	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.60	107	660999	32.266	ng/ul	94
49) Acenaphthene	15.19	153	1886118	37.003	ng/ul	100
52) 4-Nitrophenol	15.30	109	66852	8.337	ng/ul#	80
54) 2,4-Dinitrotoluene	15.47	165	619043	39.528	ng/ul#	85
68) Pentachlorophenol	17.49	266	455109	40.362	ng/ul	98
77) Pvrene	20.20	202	3805216	40.742	ng/ul#	78

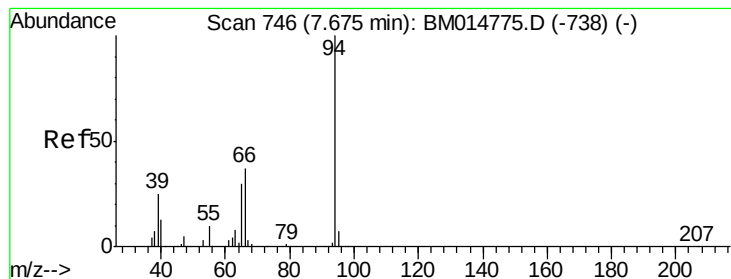
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.562 ng/ul

RT: 7.67 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM014780.D

Acq: 23 Apr 2018 16:18

Instrument :

BNA_M

ClientSampleId :

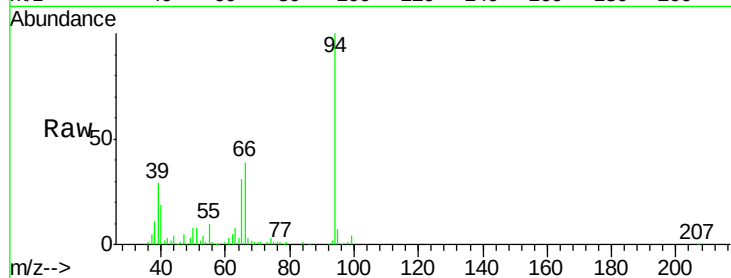
Tot Ion: 94 Resp: 227621

Ion Ratio Lower Upper

94 100

65 30.9 28.2 42.4

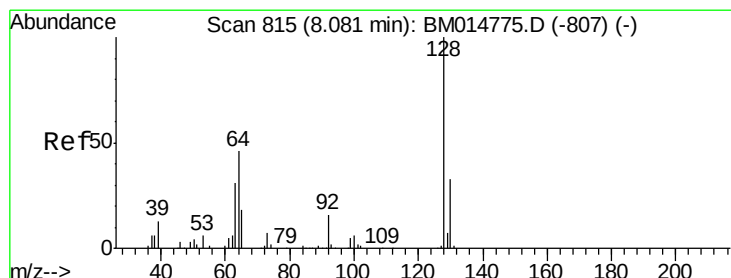
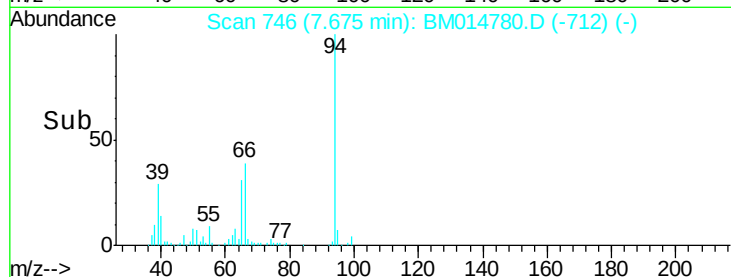
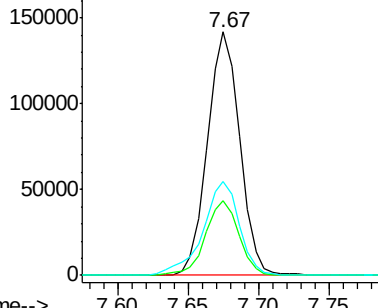
66 38.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014775.D (-738) (-)

Ion 65.00 (64.70 to 65.70): BM014775.D (-738) (-)

Ion 66.00 (65.70 to 66.70): BM014775.D (-738) (-)



#10

2-Chlorophenol

Concen: 29.594 ng/ul

RT: 8.08 min Scan# 815

Delta R.T. -0.00 min

Lab File: BM014780.D

Acq: 23 Apr 2018 16:18

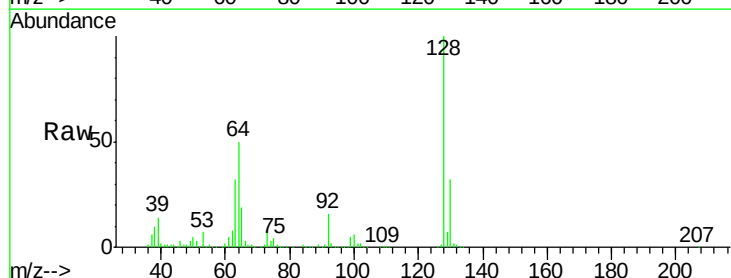
Tgt Ion:128 Resp: 658771

Ion Ratio Lower Upper

128 100

64 49.8 38.0 57.0

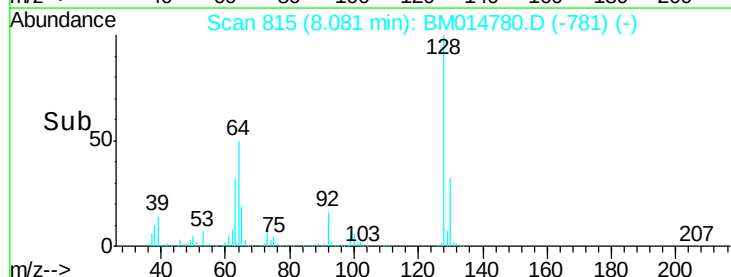
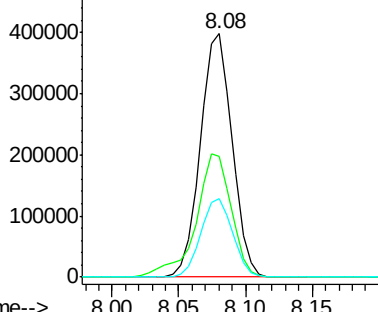
130 32.2 24.4 36.6

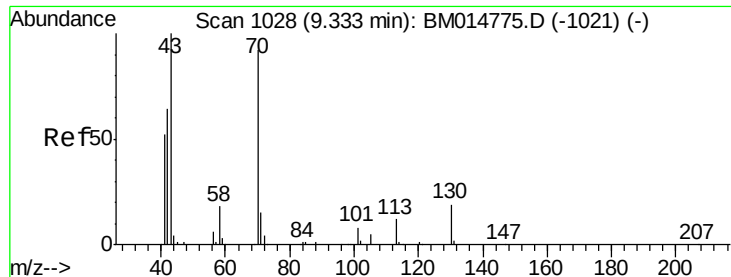


Abundance Ion 128.00 (127.70 to 128.70): BM014775.D (-807) (-)

Ion 64.00 (63.70 to 64.70): BM014775.D (-807) (-)

Ion 130.00 (129.70 to 130.70): BM014775.D (-807) (-)

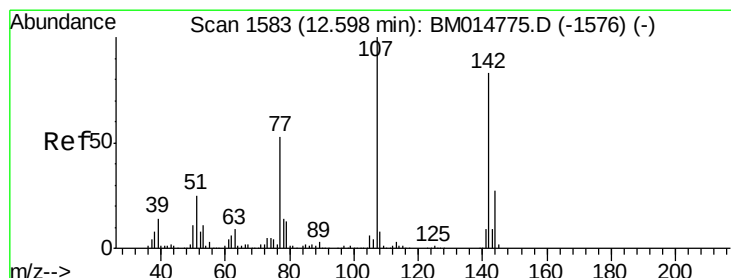
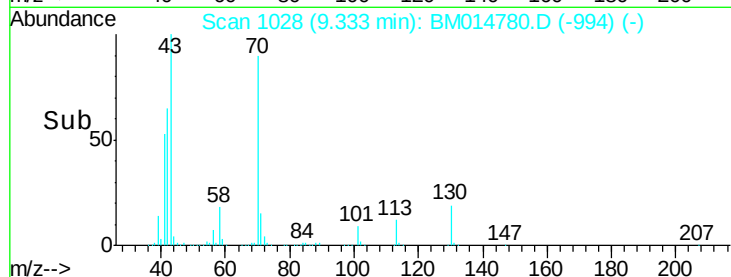
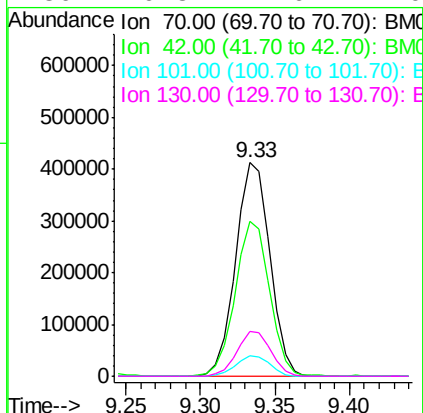
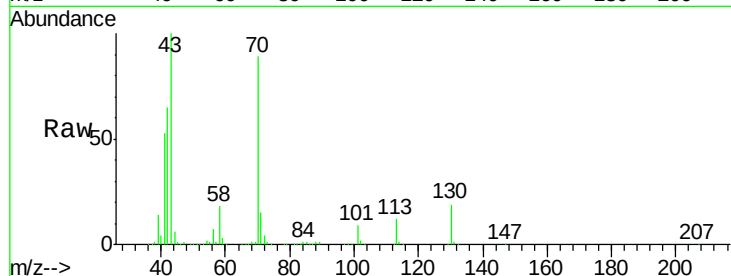




#15
N-Nitroso-di-n-propylamine
Concen: 40.295 ng/ul
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM014780.D
Acq: 23 Apr 2018 16:18

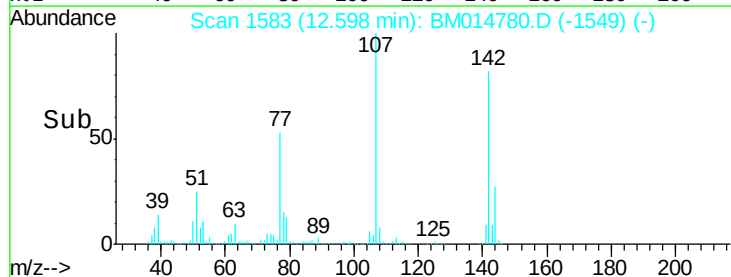
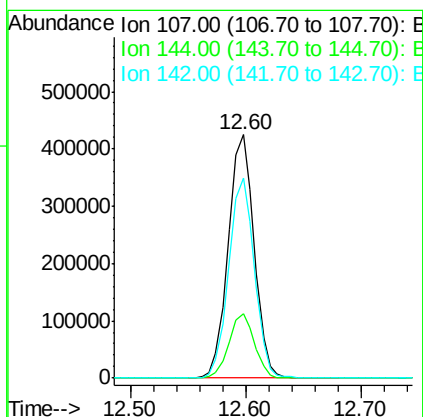
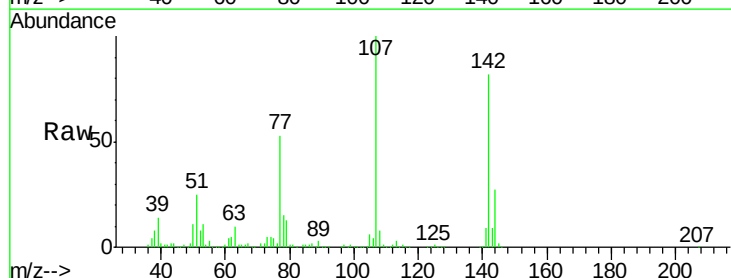
Instrument :
BNA_M
ClientSampleId :

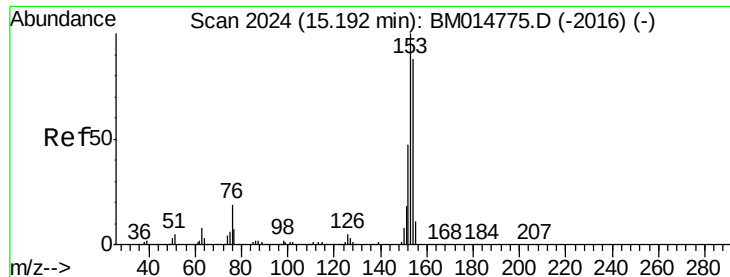
Tot Ion: 70 Resp: 660271
Ion Ratio Lower Upper
70 100
42 72.8 76.0 114.0#
101 9.8 6.7 10.1
130 20.8 14.6 22.0



#33
4-Chloro-3-methylphenol
Concen: 32.266 ng/ul
RT: 12.60 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BM014780.D
Acq: 23 Apr 2018 16:18

Tgt Ion:107 Resp: 660999
Ion Ratio Lower Upper
107 100
144 26.5 20.4 30.6
142 82.4 60.5 90.7





#49

Acenaphthene

Concen: 37.003 ng/ul

RT: 15.19 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BM014780.D

Acq: 23 Apr 2018 16:18

Instrument :

BNA_M

ClientSampleId :

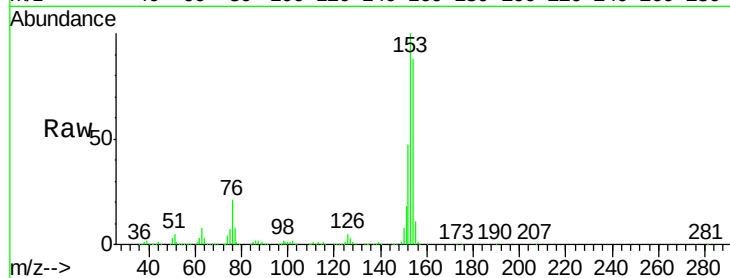
Tot Ion:153 Resp: 1886118

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

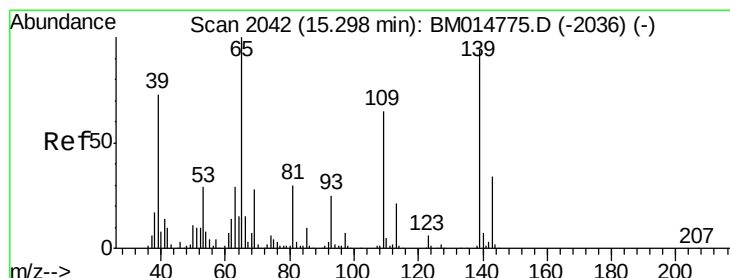
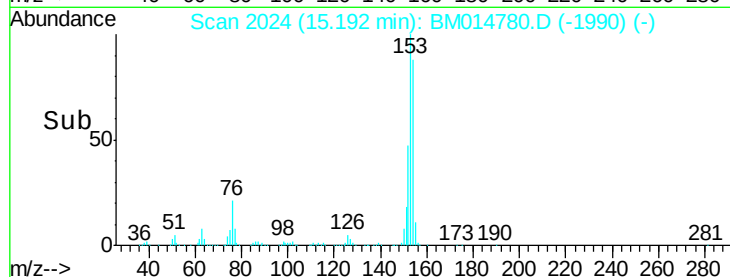
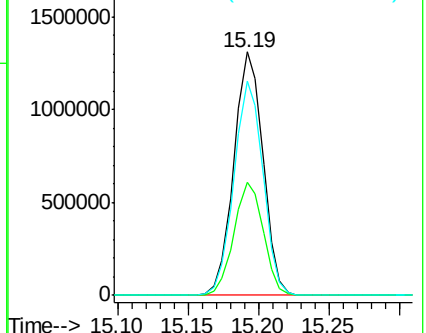
154 88.2 70.4 105.6



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: 8.337 ng/ul

RT: 15.30 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BM014780.D

Acq: 23 Apr 2018 16:18

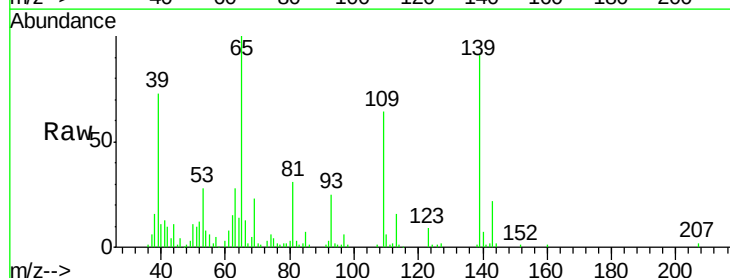
Tgt Ion:109 Resp: 66852

Ion Ratio Lower Upper

109 100

139 142.9 80.0 120.0#

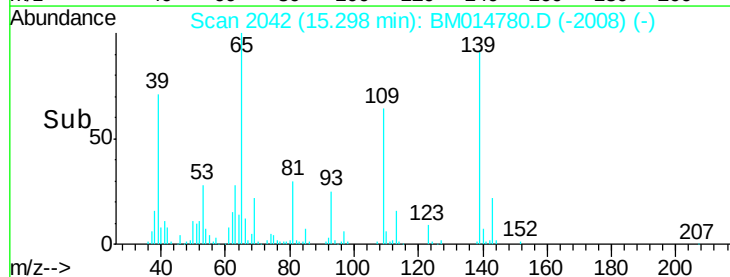
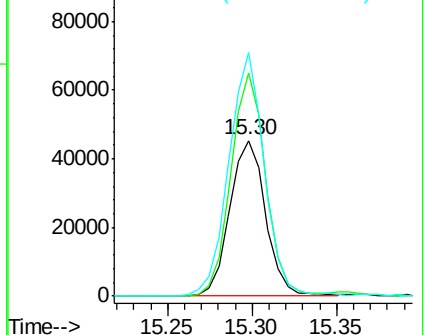
65 156.4 120.0 180.0

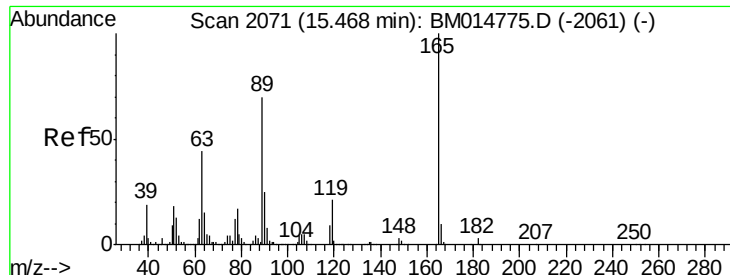


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

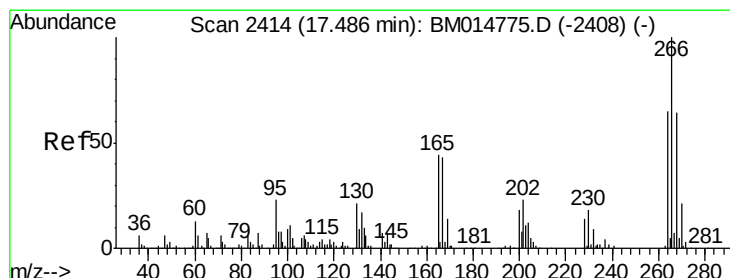
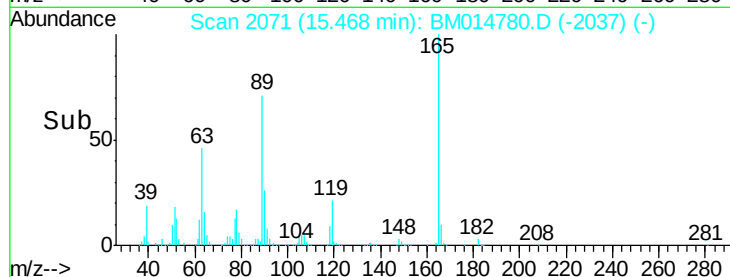
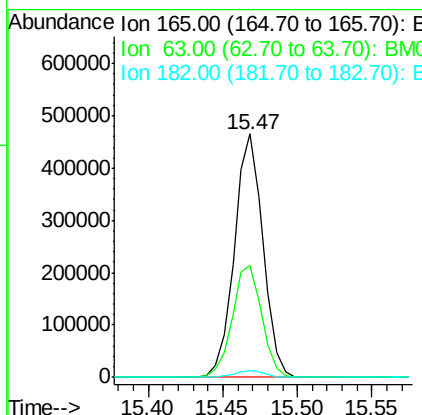
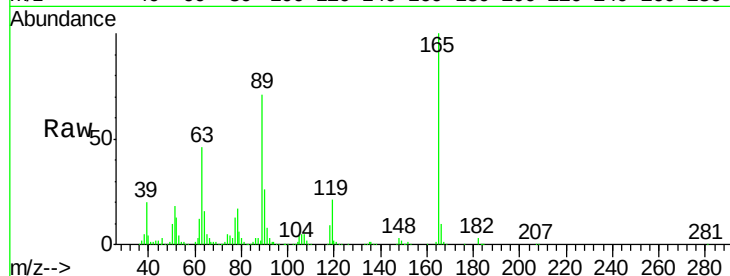




#54
 2,4-Dinitrotoluene
 Concen: 39.528 ng/ul
 RT: 15.47 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BM014780.D
 Acq: 23 Apr 2018 16:18

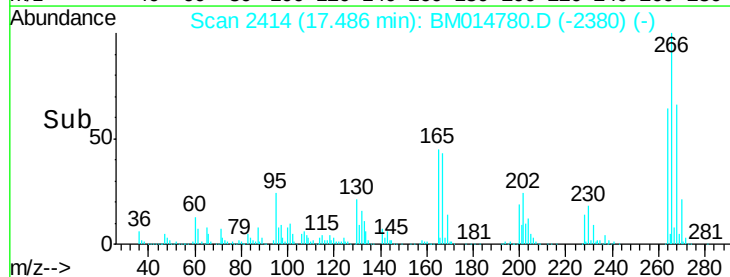
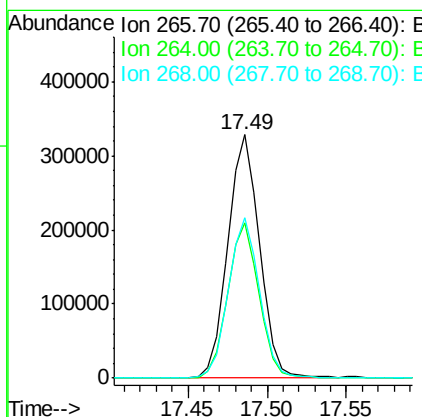
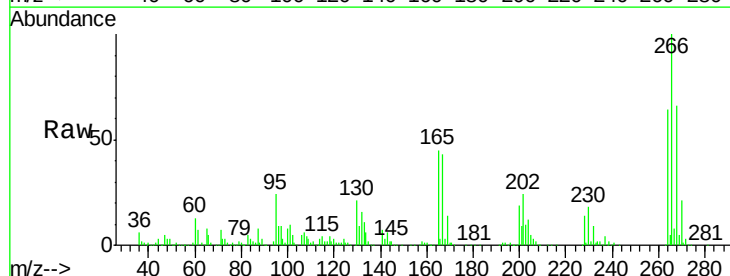
Instrument :
 BNA_M
 ClientSampleId :

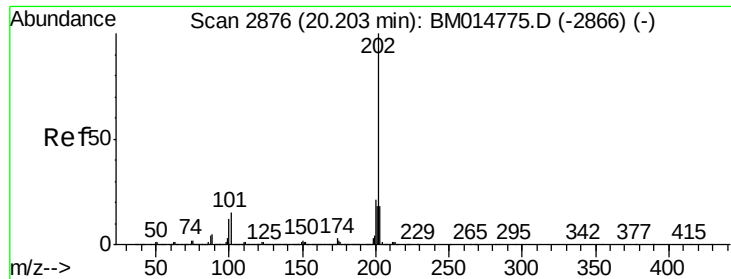
Tot Ion:165 Resp: 619043
 Ion Ratio Lower Upper
 165 100
 63 46.0 45.8 68.8
 182 2.6 2.6 4.0#



#68
 Pentachlorophenol
 Concen: 40.362 ng/ul
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BM014780.D
 Acq: 23 Apr 2018 16:18

Tgt Ion:266 Resp: 455109
 Ion Ratio Lower Upper
 266 100
 264 63.7 49.3 73.9
 268 66.1 52.6 78.8





#77

Pvrene

Concen: 40.742 ng/ul

RT: 20.20 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM014780.D

Acq: 23 Apr 2018 16:18

Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 3805216

Ion Ratio Lower Upper

202 100

101 15.1 5.1 7.7#

100 12.1 4.9 7.3#

