

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014779.D
 Acq On : 23 Apr 2018 15:42
 Operator : SJ/JU
 Sample : J2431-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 01:48:52 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	367562	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1508434	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	787179	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1611881	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1568302	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1632661	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	59893	7.12	ng/uL	0.00
5) Phenol-d5	7.65	99	205915	7.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	637229	34.97	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	643650	27.08	ng/ul	0.00
13) 4-Methylphenol-d8	9.23	113	389860	17.20	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	392019	35.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	410989	37.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	663936	30.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	5422	0.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2138228	34.80	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2718370	35.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	71128	6.24	ng/ul	0.00
57) Fluorene-d10	16.10	176	1794190	33.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	273051	31.31	ng/ul	0.00
70) Anthracene-d10	17.94	188	2665351	35.48	ng/ul	0.00
76) Pyrene-d10	20.17	212	2781377	37.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2741340	34.18	ng/ul	0.00

Target Compounds

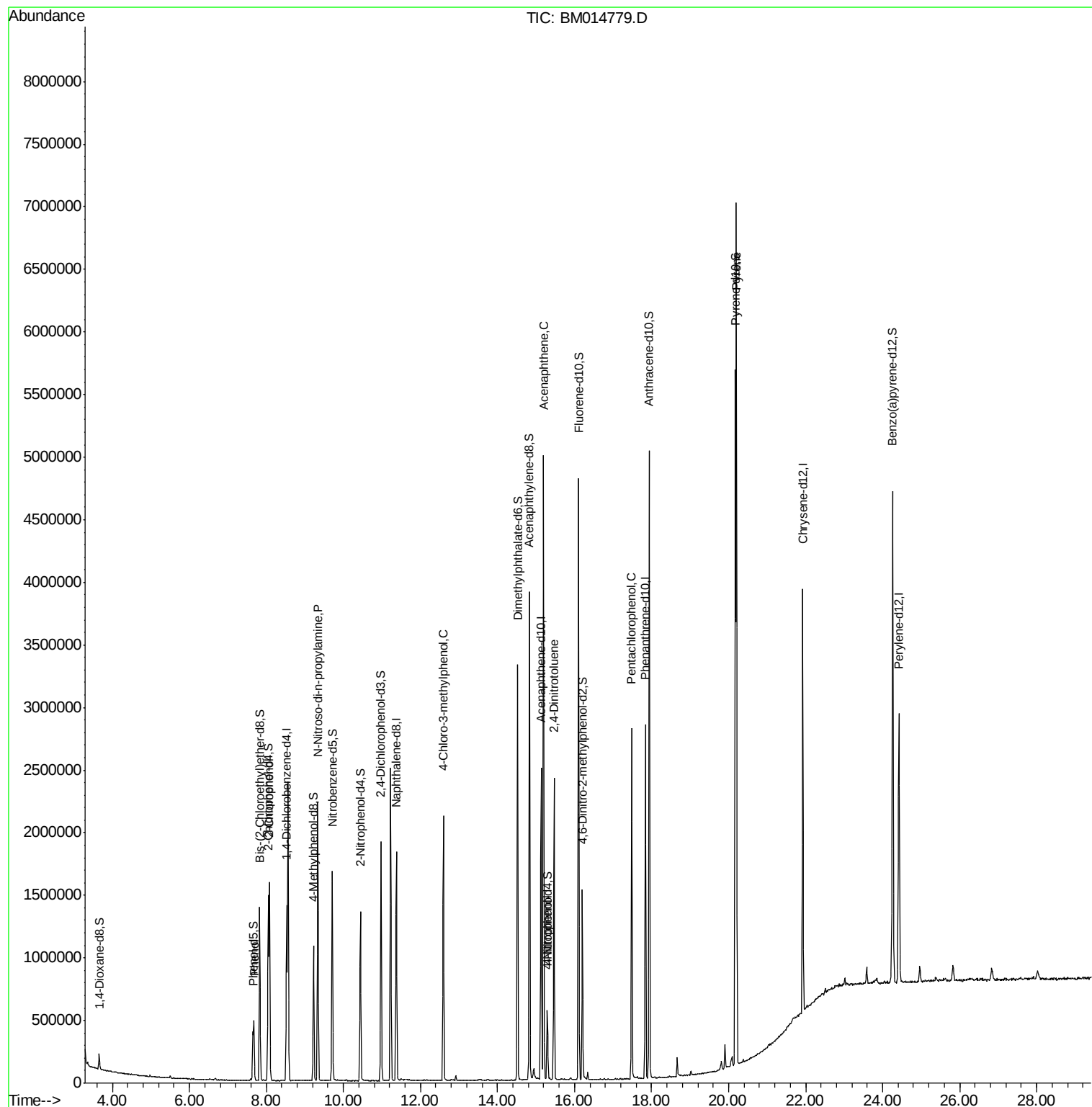
					Ovalue	
6) Phenol	7.67	94	234623	8.392	ng/ul#	78
10) 2-Chlorophenol	8.08	128	696667	29.761	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.33	70	720364	41.805	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.60	107	681256	31.966	ng/ul	92
49) Acenaphthene	15.19	153	1957349	37.466	ng/ul	100
52) 4-Nitrophenol	15.30	109	65192	7.932	ng/ul#	84
54) 2,4-Dinitrotoluene	15.47	165	633908	39.492	ng/ul	85
68) Pentachlorophenol	17.49	266	475312	42.254	ng/ul	98
77) Pvrene	20.20	202	3847487	41.988	ng/ul#	78

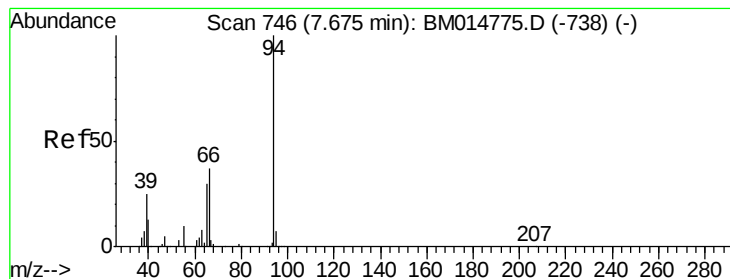
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.392 ng/ul

RT: 7.67 min Scan# 746

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

Instrument :

BNA_M

ClientSampleId :

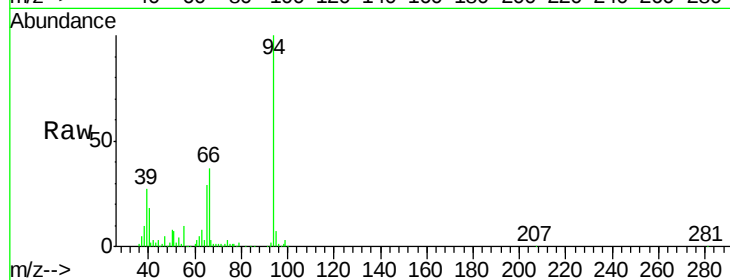
Tot Ion: 94 Resp: 234623

Ion Ratio Lower Upper

94 100

65 29.4 28.2 42.4

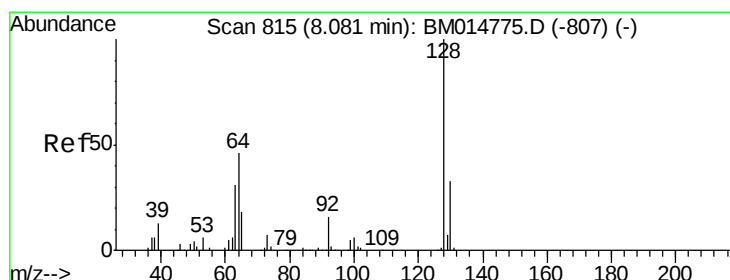
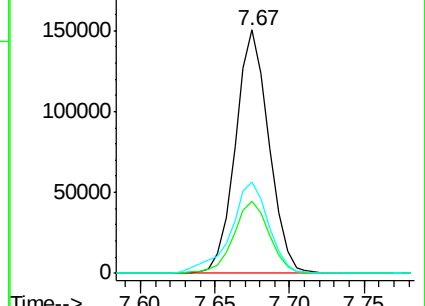
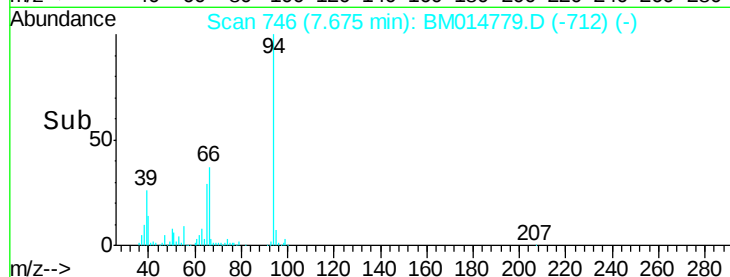
66 37.5 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014779.D (-712) (-)

Ion 65.00 (64.70 to 65.70): BM014779.D (-712) (-)

Ion 66.00 (65.70 to 66.70): BM014779.D (-712) (-)



#10

2-Chlorophenol

Concen: 29.761 ng/ul

RT: 8.08 min Scan# 815

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

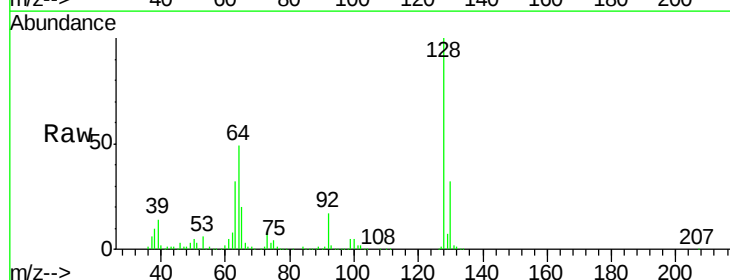
Tgt Ion: 128 Resp: 696667

Ion Ratio Lower Upper

128 100

64 49.2 38.0 57.0

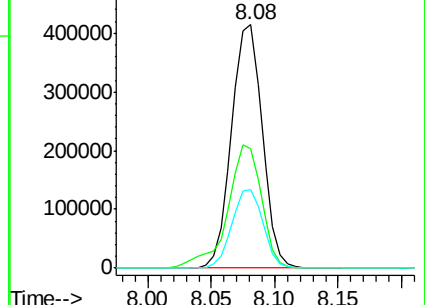
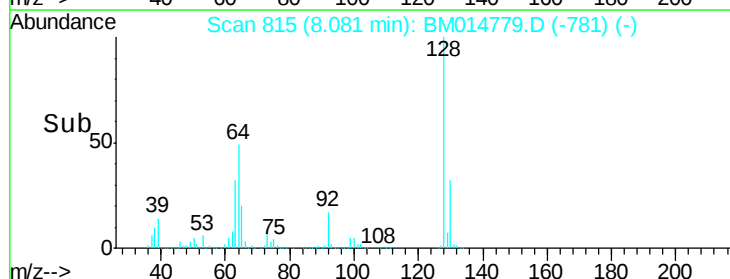
130 32.3 24.4 36.6

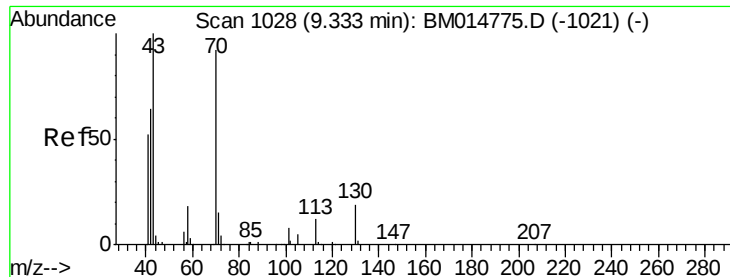


Abundance Ion 128.00 (127.70 to 128.70): BM014779.D (-781) (-)

Ion 64.00 (63.70 to 64.70): BM014779.D (-781) (-)

Ion 130.00 (129.70 to 130.70): BM014779.D (-781) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 41.805 ng/ul

RT: 9.33 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 720364

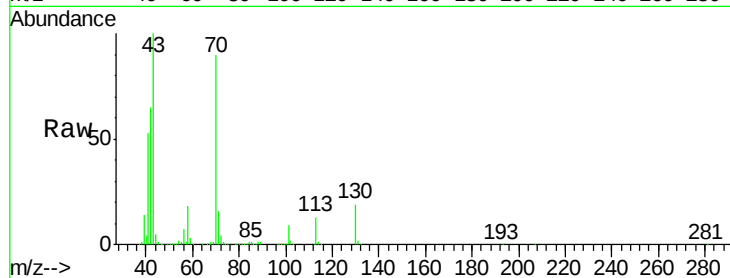
Ion Ratio Lower Upper

70 100

42 72.0 76.0 114.0#

101 9.4 6.7 10.1

130 21.0 14.6 22.0

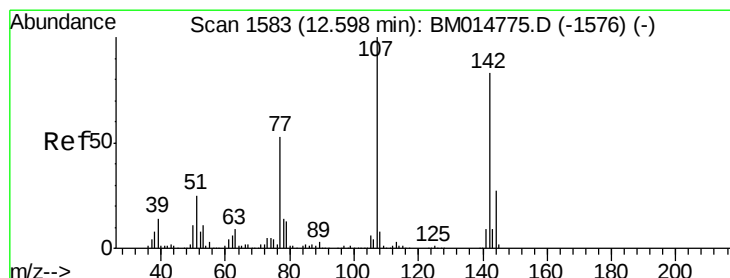
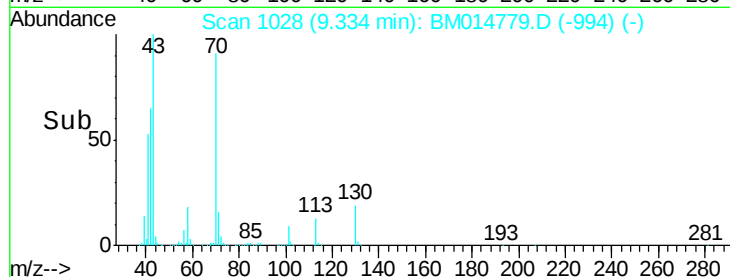
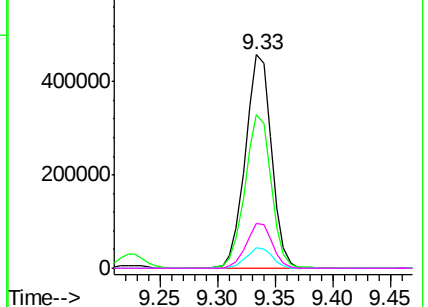


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#33

4-Chloro-3-methylphenol

Concen: 31.966 ng/ul

RT: 12.60 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

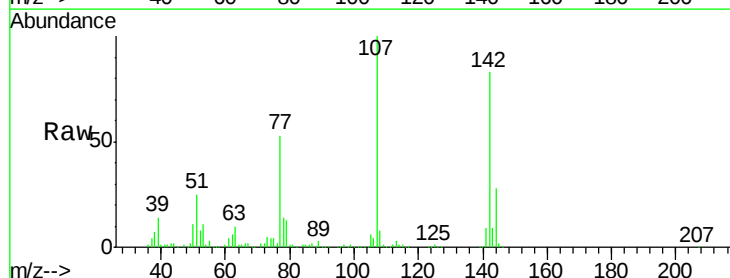
Tgt Ion:107 Resp: 681256

Ion Ratio Lower Upper

107 100

144 27.6 20.4 30.6

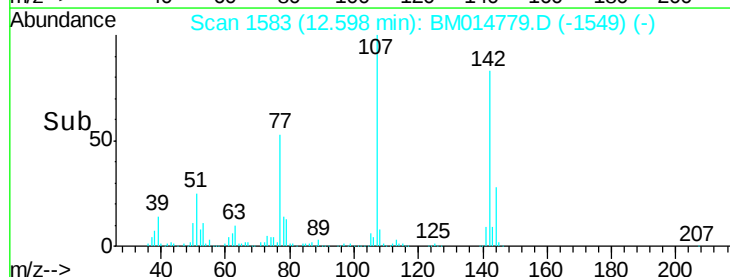
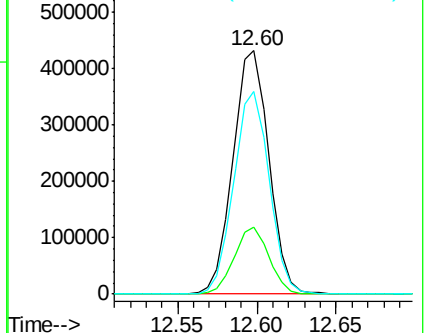
142 83.5 60.5 90.7

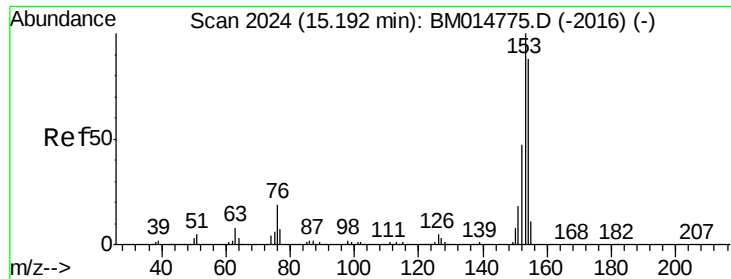


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#49

Acenaphthene

Concen: 37.466 ng/ul

RT: 15.19 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

Instrument :

BNA_M

ClientSampleId :

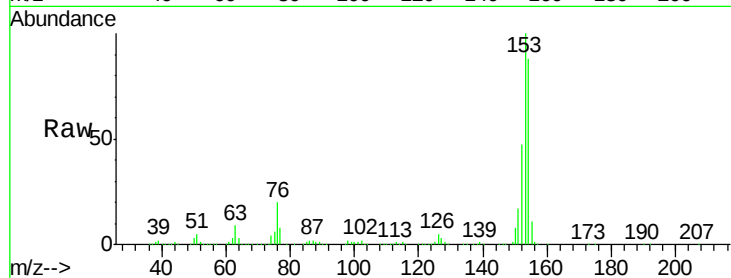
Tot Ion:153 Resp: 1957349

Ion Ratio Lower Upper

153 100

152 47.0 37.6 56.4

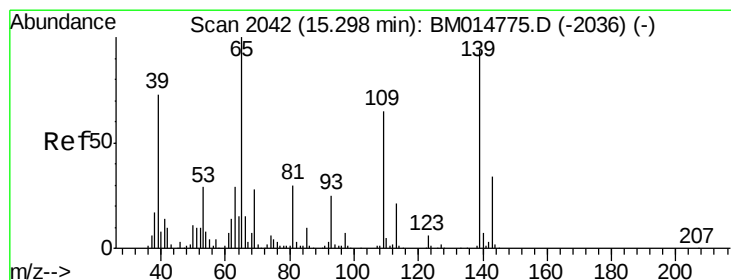
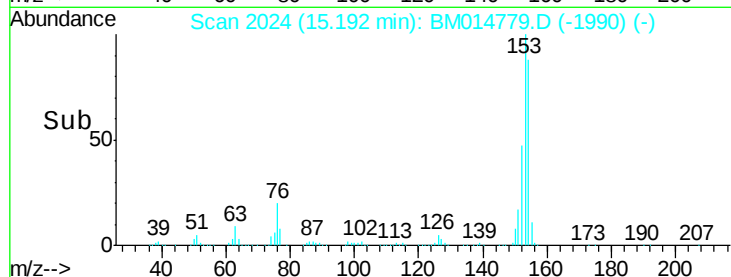
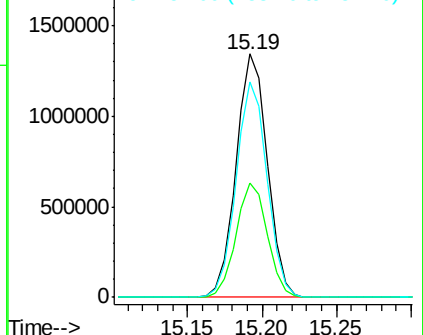
154 88.3 70.4 105.6



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: 7.932 ng/ul

RT: 15.30 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

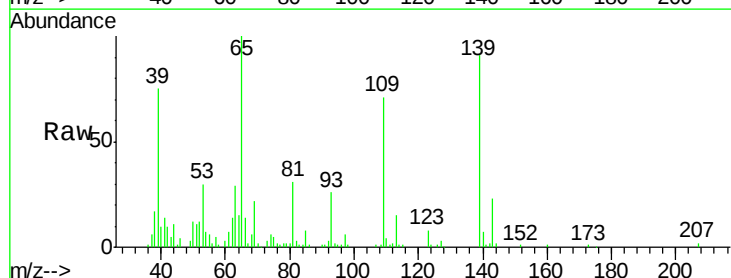
Tgt Ion:109 Resp: 65192

Ion Ratio Lower Upper

109 100

139 128.8 80.0 120.0#

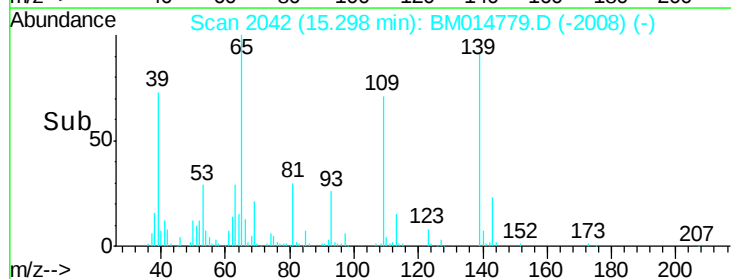
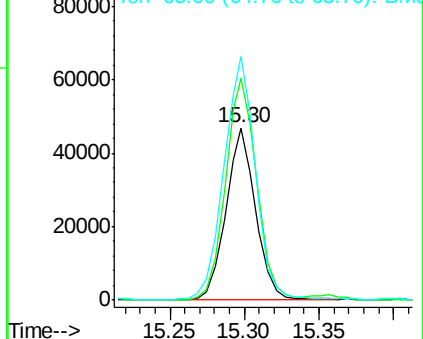
65 141.3 120.0 180.0

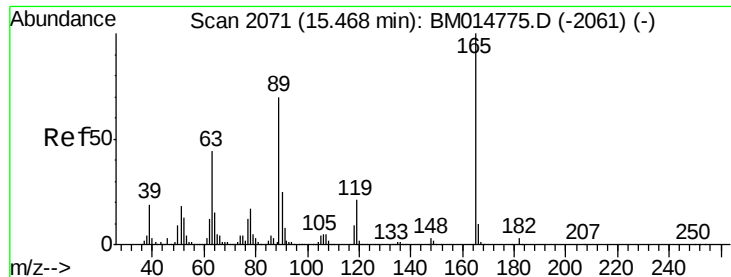


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

2,4-Dinitrotoluene

Concen: 39.492 ng/ul

RT: 15.47 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

Instrument :

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ClientSampleId :

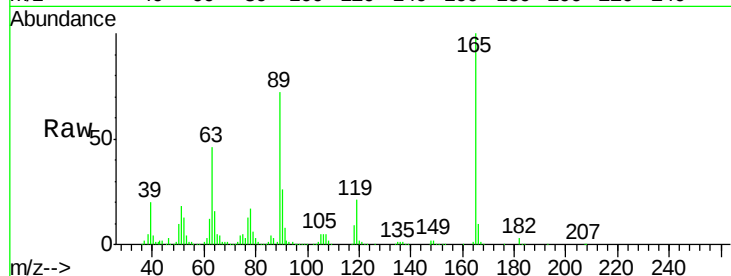
Tot Ion:165 Resp: 633908

Ion Ratio Lower Upper

165 100

63 46.0 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

15.47

400000

300000

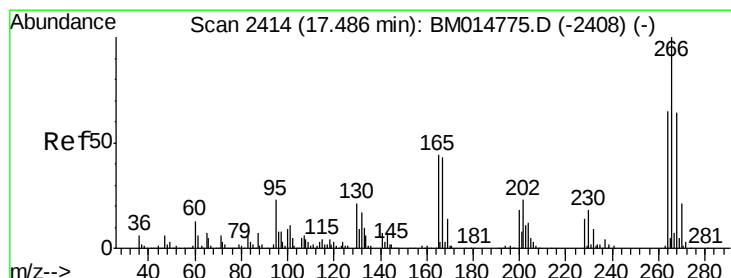
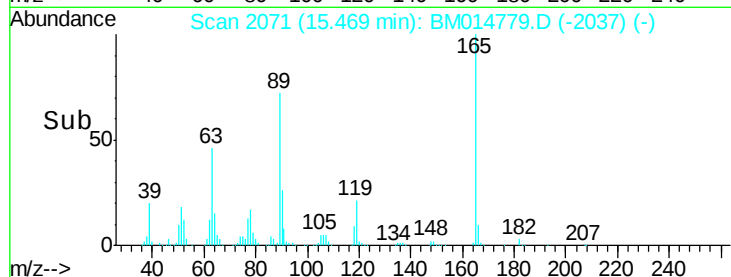
200000

100000

0

Time-->

15.40 15.45 15.50



#68

Pentachlorophenol

Concen: 42.254 ng/ul

RT: 17.49 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM014779.D

Acq: 23 Apr 2018 15:42

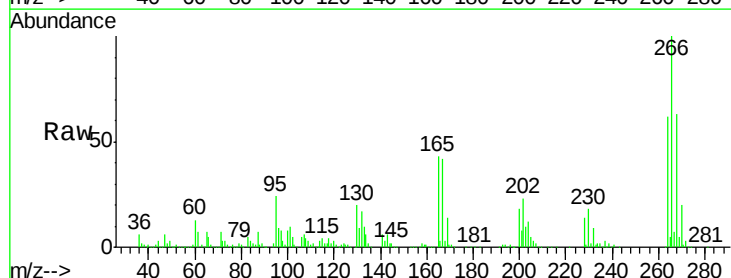
Tgt Ion:266 Resp: 475312

Ion Ratio Lower Upper

266 100

264 61.5 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

17.49

400000

300000

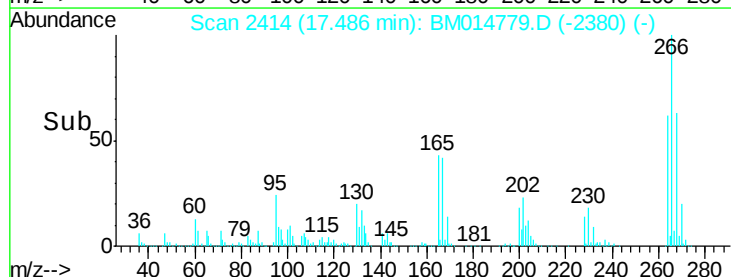
200000

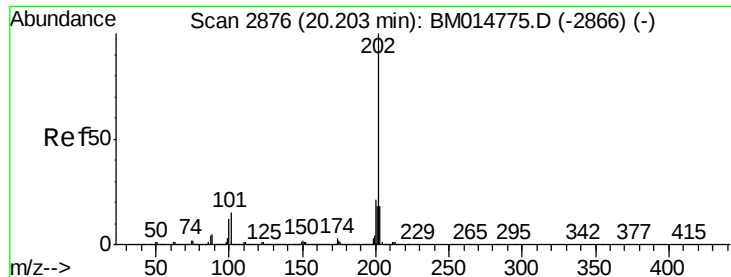
100000

0

Time-->

17.40 17.50 17.60





#77
 Pvrene
 Concen: 41.988 ng/ul
 RT: 20.20 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BM014779.D
 Acq: 23 Apr 2018 15:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 3847487
 Ion Ratio Lower Upper
 202 100
 101 15.1 5.1 7.7#
 100 12.4 4.9 7.3#

