

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040618\
 Data File : BM014680.D
 Acq On : 06 Apr 2018 12:24
 Operator : SJ/JU
 Sample : J2246-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 07 00:53:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 07 00:52:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	300379	20.00	ng/ul	0.06
18) Naphthalene-d8	11.45	136	1524587	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.17	164	802503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	1642852	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1576076	20.00	ng/ul	0.00
85) Perylene-d12	24.49	264	1552063	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	52576	8.42	ng/uL	0.00
5) Phenol-d5	7.69	99	197816	8.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.89	67	625963	41.54	ng/ul	0.02
9) 2-Chlorophenol-d4	8.10	132	662971	33.54	ng/ul	0.01
13) 4-Methylphenol-d8	9.27	113	389132	19.88	ng/ul	0.00
19) Nitrobenzene-d5	9.77	128	391242	39.90	ng/ul	0.01
22) 2-Nitrophenol-d4	10.49	143	370506	42.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	706837	31.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	3485	0.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	2129907	33.59	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2845918	35.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	59065	5.74	ng/ul	0.00
57) Fluorene-d10	16.15	176	1840536	33.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	217089	30.96	ng/ul	0.00
70) Anthracene-d10	17.98	188	2687660	34.73	ng/ul	0.00
78) Pyrene-d10	20.22	212	2775851	34.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.33	264	2549868	33.46	ng/ul	0.00

Target Compounds

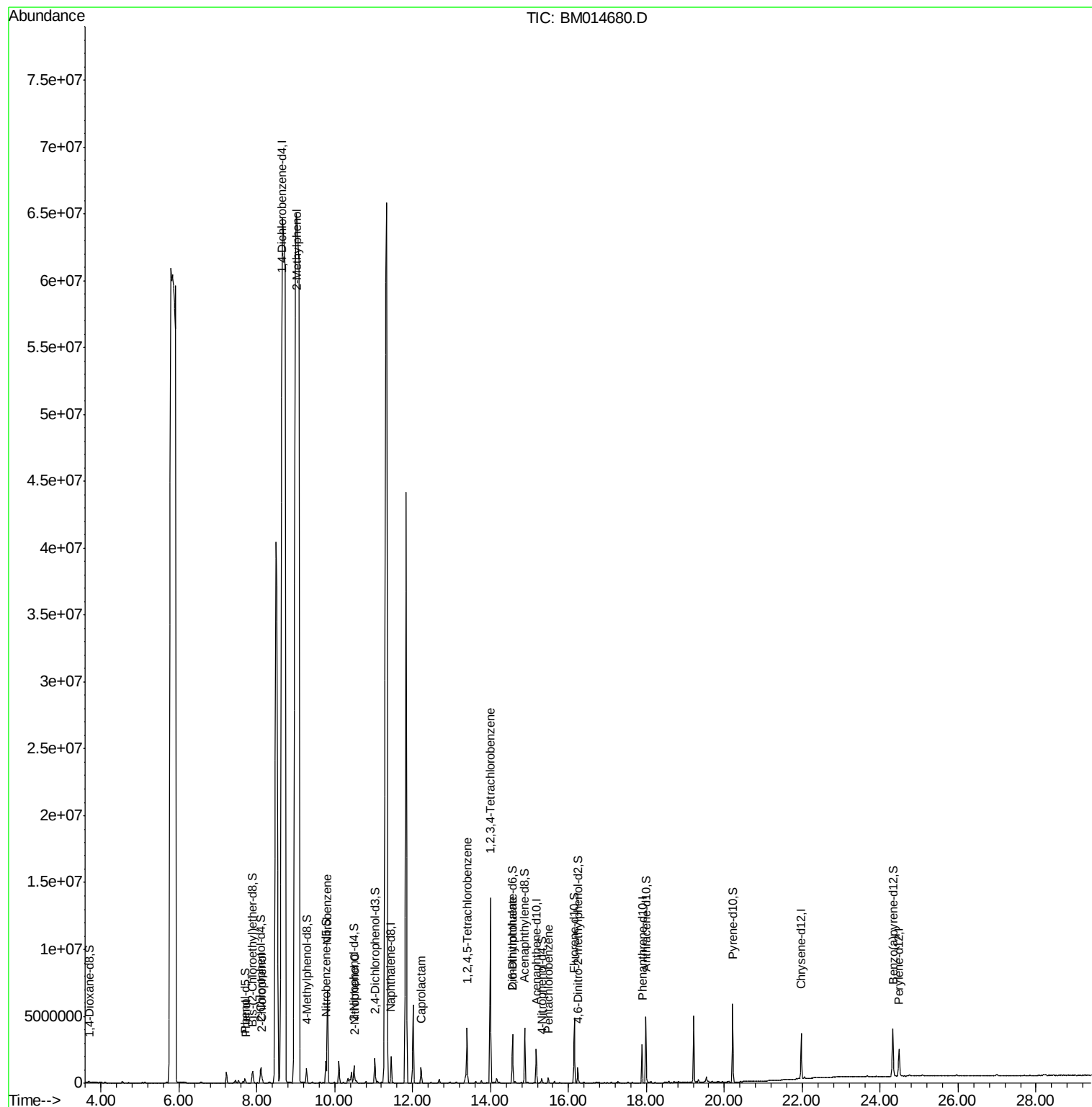
					Ovalue	
6) Phenol	7.72	94	25731	1.100	ng/ul#	91
10) 2-Chlorophenol	8.13	128	156426	8.015	ng/ul#	89
11) 2-Methylphenol	9.03	108	609044	34.190	ng/ul	99
20) Nitrobenzene	9.82	77	3792200	151.668	ng/ul	96
23) 2-Nitrophenol	10.52	139	45757	4.458	ng/ul	91
32) Caprolactam	12.22	113	79443	12.563	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	1409222	55.320	ng/ul	99
45) 2,6-Dinitrotoluene	14.56	165	15293	1.550	ng/ul#	47
72) 1,2,3,4-Tetrachlorobenzene	14.00	216	4211957	167.225	ng/uL	99
73) Pentachlorobenzene	15.48	250	102866	4.239	ng/uL	99

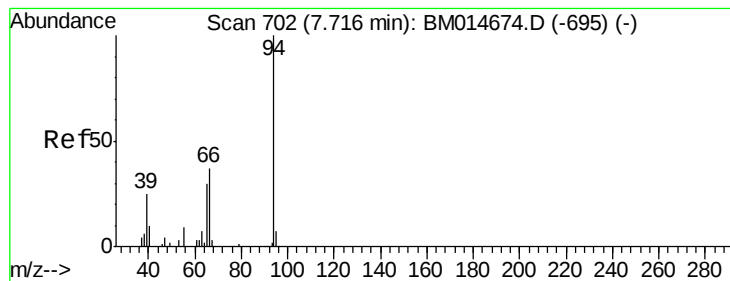
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.100 ng/ul

RT: 7.72 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM014680.D

Acq: 06 Apr 2018 12:24

Instrument :

BNA_M

ClientSampleId :

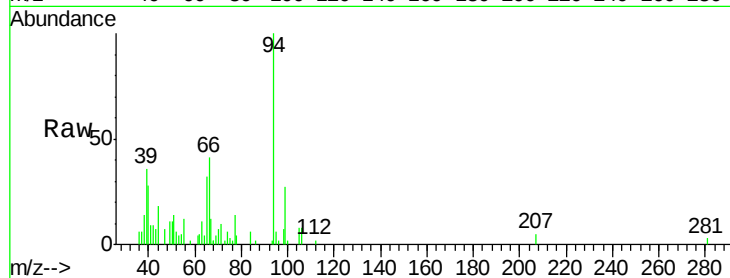
Tot Ion: 94 Resp: 25731

Ion Ratio Lower Upper

94 100

65 32.1 21.0 31.6#

66 40.7 29.3 43.9



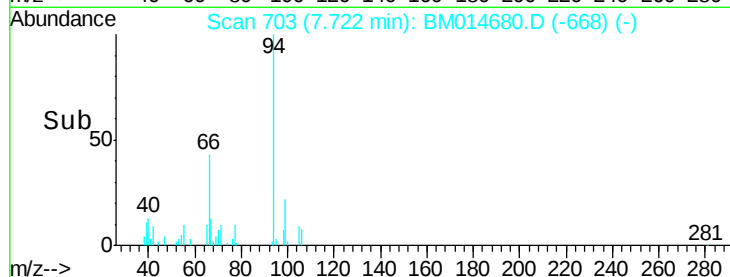
Abundance Ion 94.00 (93.70 to 94.70): BM014674.D (-695) (-)

Ion 65.00 (64.70 to 65.70): BM014674.D (-695) (-)

Ion 66.00 (65.70 to 66.70): BM014674.D (-695) (-)

7.72

Time-->



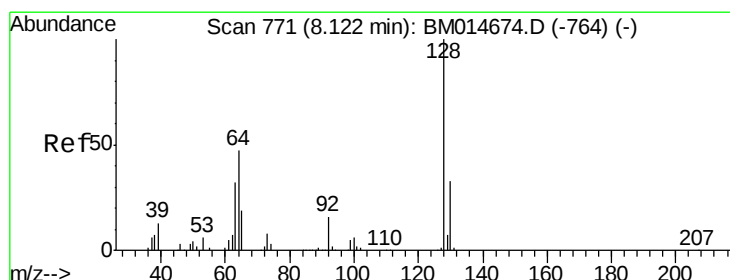
Abundance Ion 94.00 (93.70 to 94.70): BM014680.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM014680.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM014680.D (-668) (-)

7.72

Time-->



#10

2-Chlorophenol

Concen: 8.015 ng/ul

RT: 8.13 min Scan# 773

Delta R.T. 0.01 min

Lab File: BM014680.D

Acq: 06 Apr 2018 12:24

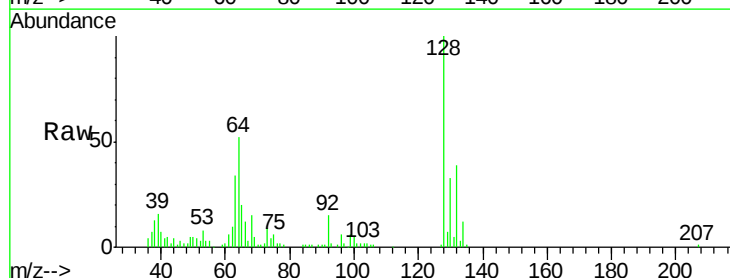
Tgt Ion: 128 Resp: 156426

Ion Ratio Lower Upper

128 100

64 51.5 31.9 47.9#

130 32.6 25.6 38.4



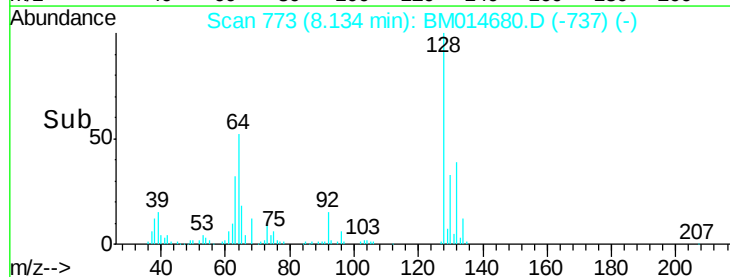
Abundance Ion 128.00 (127.70 to 128.70): BM014674.D (-764) (-)

Ion 64.00 (63.70 to 64.70): BM014674.D (-764) (-)

Ion 130.00 (129.70 to 130.70): BM014674.D (-764) (-)

8.13

Time-->



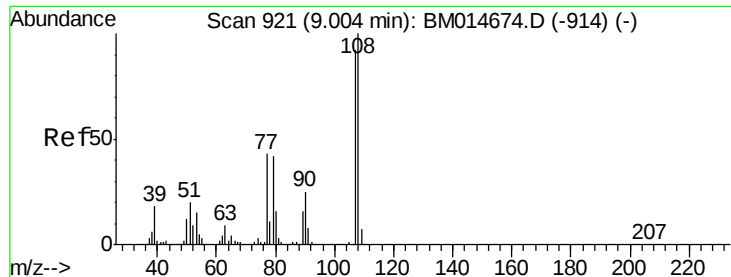
Abundance Ion 128.00 (127.70 to 128.70): BM014680.D (-737) (-)

Ion 64.00 (63.70 to 64.70): BM014680.D (-737) (-)

Ion 130.00 (129.70 to 130.70): BM014680.D (-737) (-)

8.13

Time-->



#11

2-Methylphenol

Concen: 34.190 ng/ul

RT: 9.03 min Scan# 925

Delta R.T. 0.02 min

Lab File: BM014680.D

Acq: 06 Apr 2018 12:24

Instrument :

BNA_M

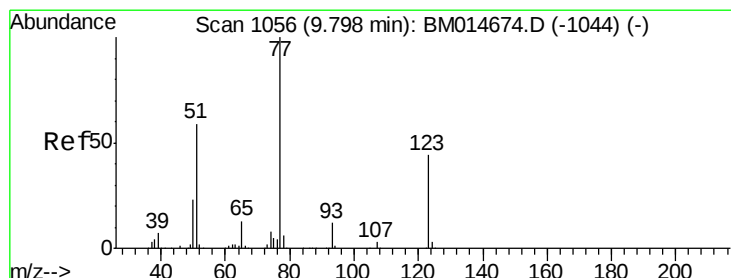
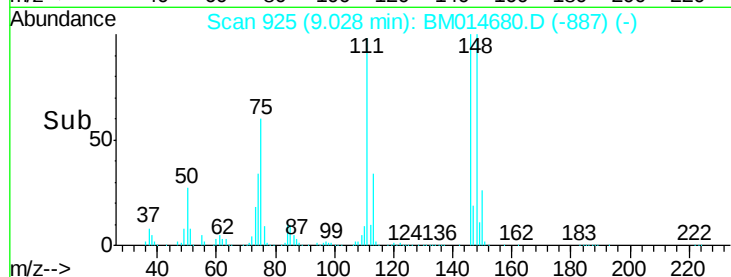
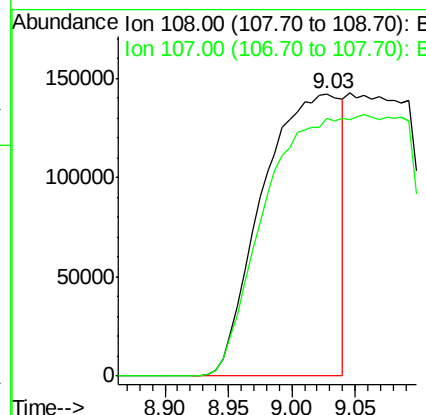
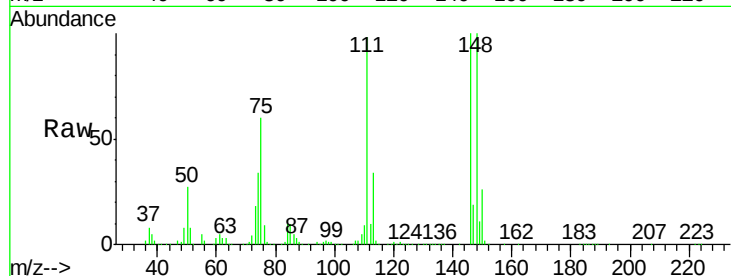
ClientSampleId :

Tot Ion:108 Resp: 609044

Ion Ratio Lower Upper

108 100

107 91.4 72.4 108.6



#20

Nitrobenzene

Concen: 151.668 ng/ul

RT: 9.82 min Scan# 1059

Delta R.T. 0.02 min

Lab File: BM014680.D

Acq: 06 Apr 2018 12:24

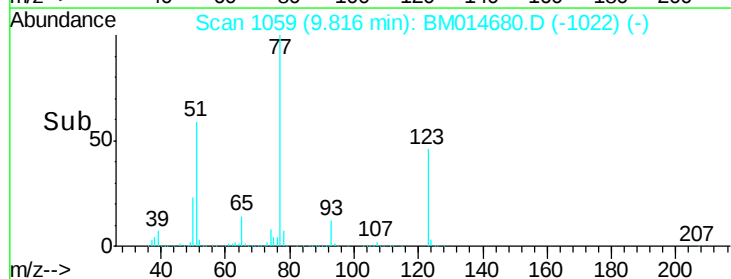
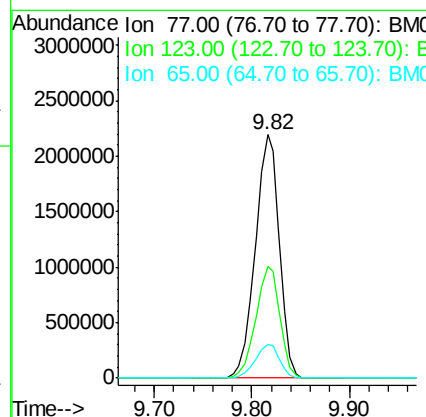
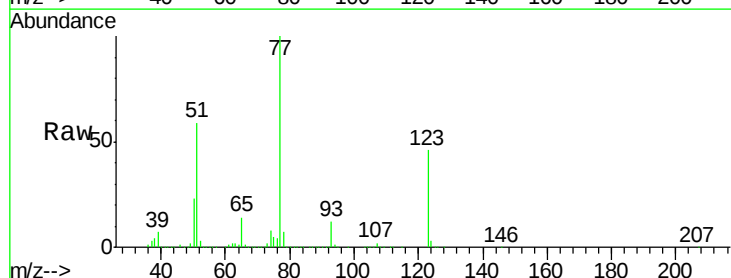
Tgt Ion: 77 Resp: 3792200

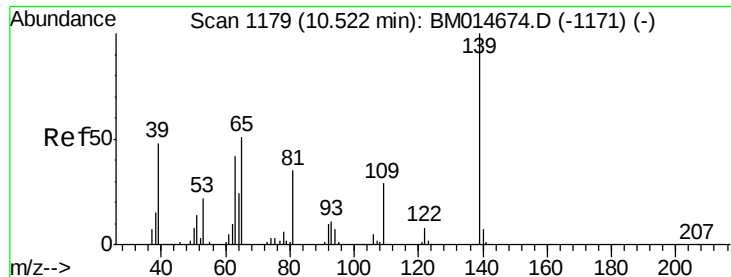
Ion Ratio Lower Upper

77 100

123 45.8 39.0 58.4

65 14.1 10.4 15.6

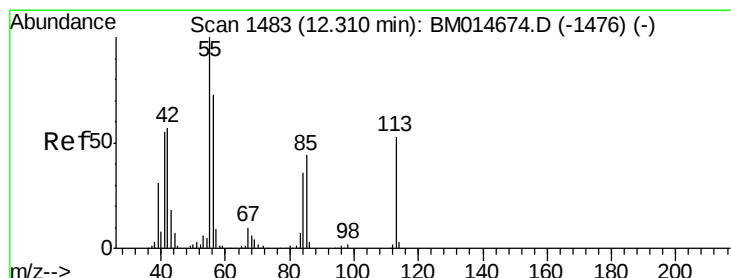
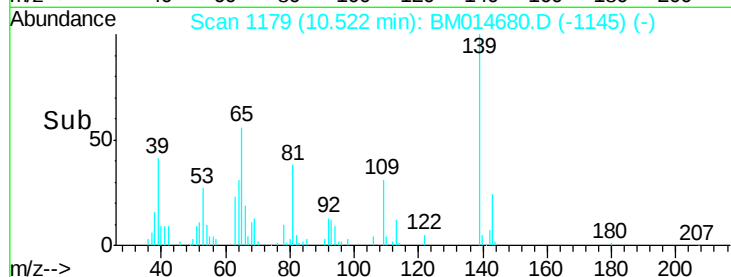
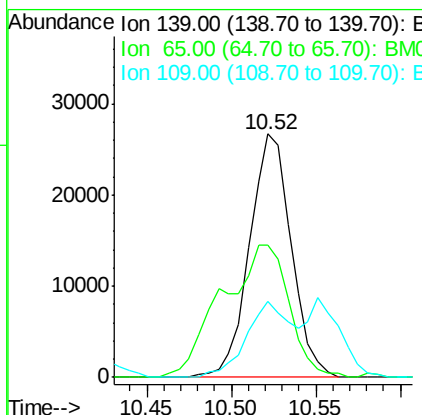
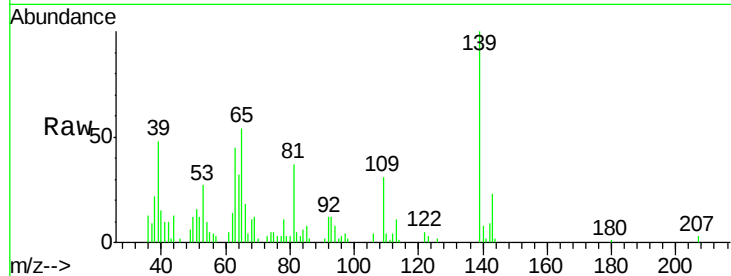




#23
 2-Nitrophenol
 Concen: 4.458 ng/ul
 RT: 10.52 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BM014680.D
 Acq: 06 Apr 2018 12:24

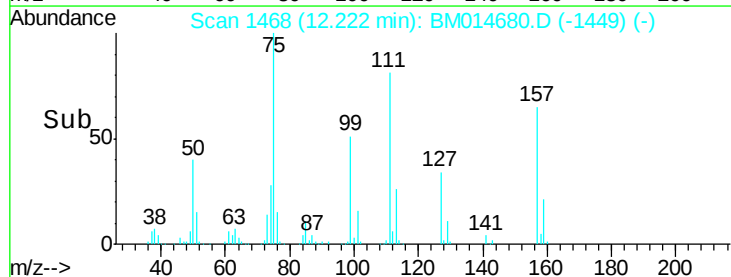
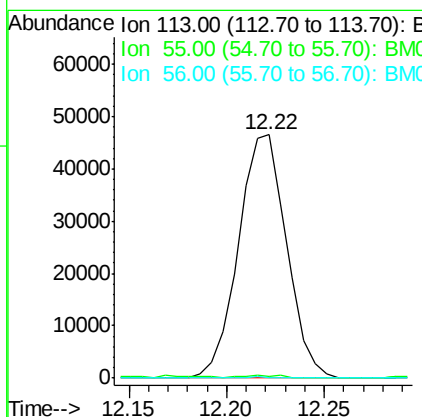
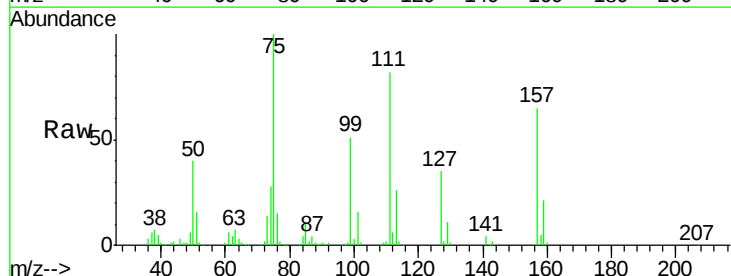
Instrument :
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 ClientSampleId :

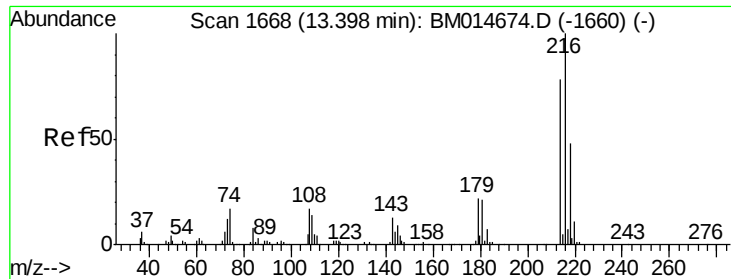
Tot Ion:139 Resp: 45757
 Ion Ratio Lower Upper
 139 100
 65 54.2 36.3 54.5
 109 31.1 26.4 39.6



#32
 Caprolactam
 Concen: 12.563 ng/ul
 RT: 12.22 min Scan# 1468
 Delta R.T. -0.09 min
 Lab File: BM014680.D
 Acq: 06 Apr 2018 12:24

Tgt Ion:113 Resp: 79443
 Ion Ratio Lower Upper
 113 100
 55 0.7 101.9 152.9#
 56 0.0 81.2 121.8#



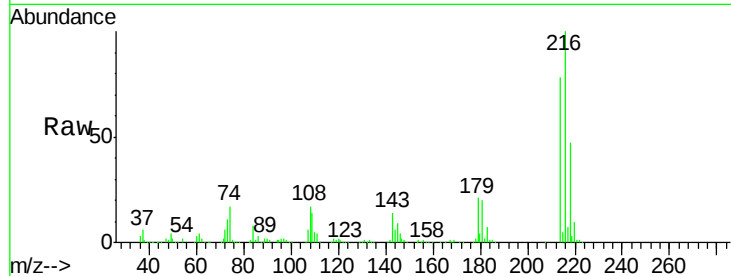


#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.320 ng/ul
 RT: 13.40 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BM014680.D
 Acq: 06 Apr 2018 12:24

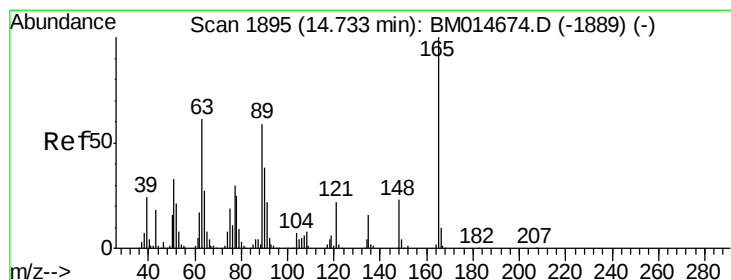
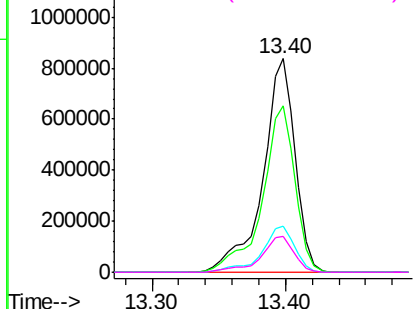
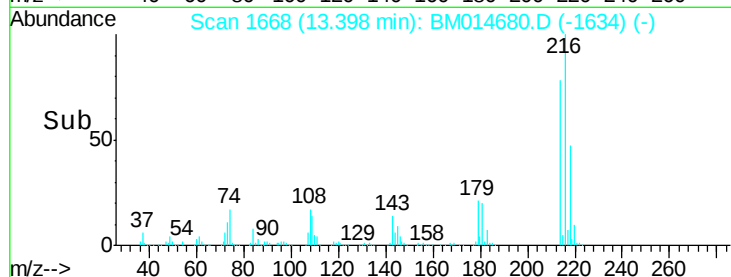
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 1409222

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.5	93.7
179	21.5	18.2	27.2
108	16.9	14.2	21.2



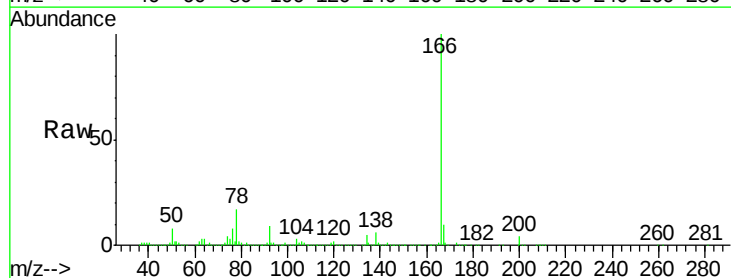
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



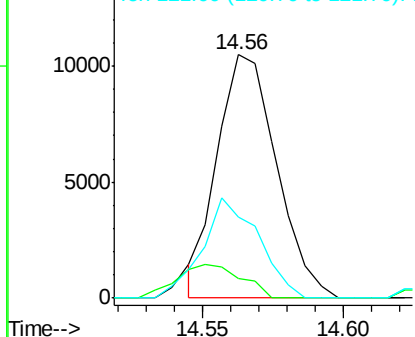
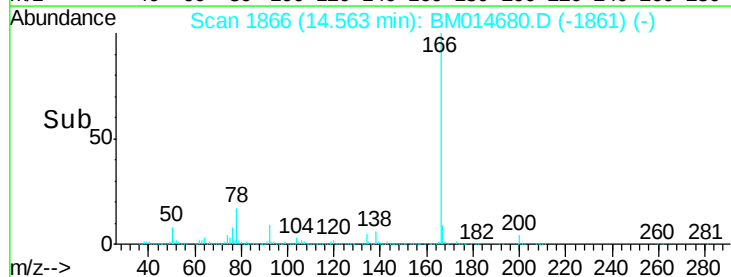
#45
 2,6-Dinitrotoluene
 Concen: 1.550 ng/ul
 RT: 14.56 min Scan# 1866
 Delta R.T. -0.17 min
 Lab File: BM014680.D
 Acq: 06 Apr 2018 12:24

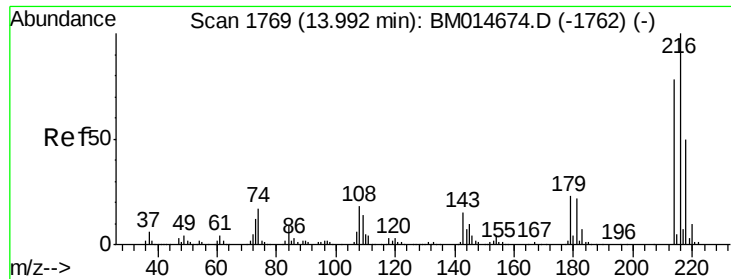
Tgt Ion:165 Resp: 15293

Ion	Ratio	Lower	Upper
165	100		
89	8.1	42.4	63.6#
121	33.4	16.6	24.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E



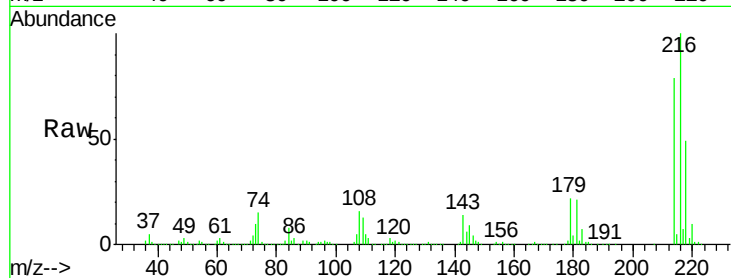


#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 167.225 ng/uL
 RT: 14.00 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BM014680.D
 Acq: 06 Apr 2018 12:24

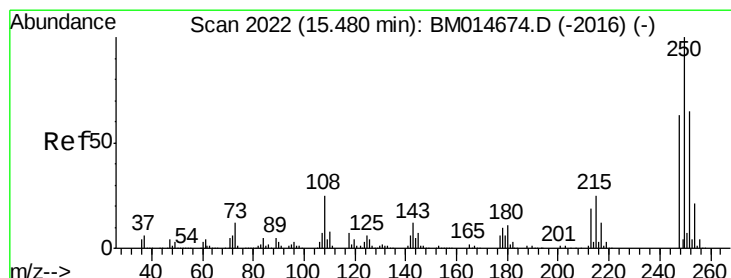
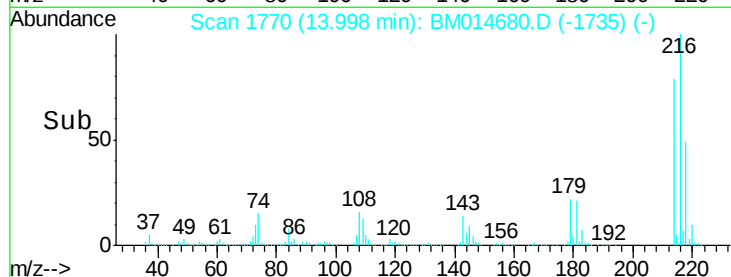
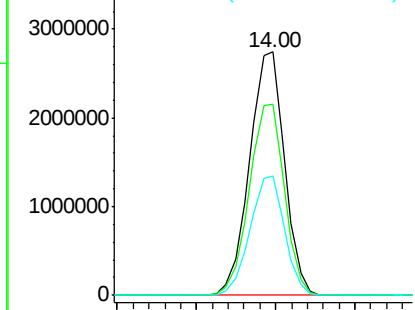
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 4211957

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.5	93.7
218	49.0	38.4	57.6



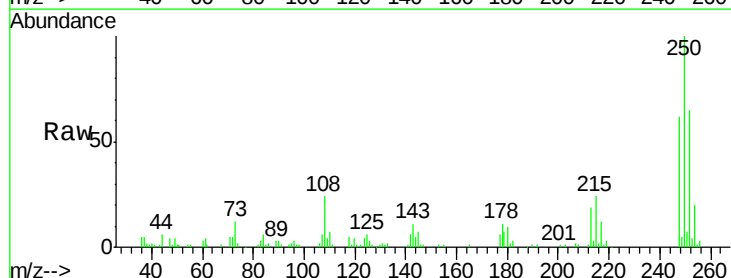
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#73
 Pentachlorobenzene
 Concen: 4.239 ng/uL
 RT: 15.48 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BM014680.D
 Acq: 06 Apr 2018 12:24

Tgt Ion:250 Resp: 102866

Ion	Ratio	Lower	Upper
250	100		
248	62.3	50.6	75.8
252	64.7	51.4	77.0



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

