

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040618\
 Data File : BM014676.D
 Acq On : 06 Apr 2018 10:02
 Operator : SJ/JU
 Sample : J2246-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 07 00:53:00 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	8.57	152	413745	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1695075	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	895789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	1783207	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1590195	20.00	ng/ul	0.00
85) Perylene-d12	24.49	264	1520845	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	57025	6.63	ng/uL	0.00
5) Phenol-d5	7.69	99	223976	6.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	670060	32.28	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	691041	25.38	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	423945	15.73	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	408208	37.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	381938	38.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	734512	29.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	3334	0.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	2339455	33.05	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	3075504	34.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	67320	5.86	ng/ul	0.00
57) Fluorene-d10	16.15	176	1983249	32.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	229661	30.17	ng/ul	0.00
70) Anthracene-d10	17.98	188	2811164	33.46	ng/ul	0.00
78) Pyrene-d10	20.22	212	2800099	34.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.33	264	2411028	32.29	ng/ul	0.00

Target Compounds

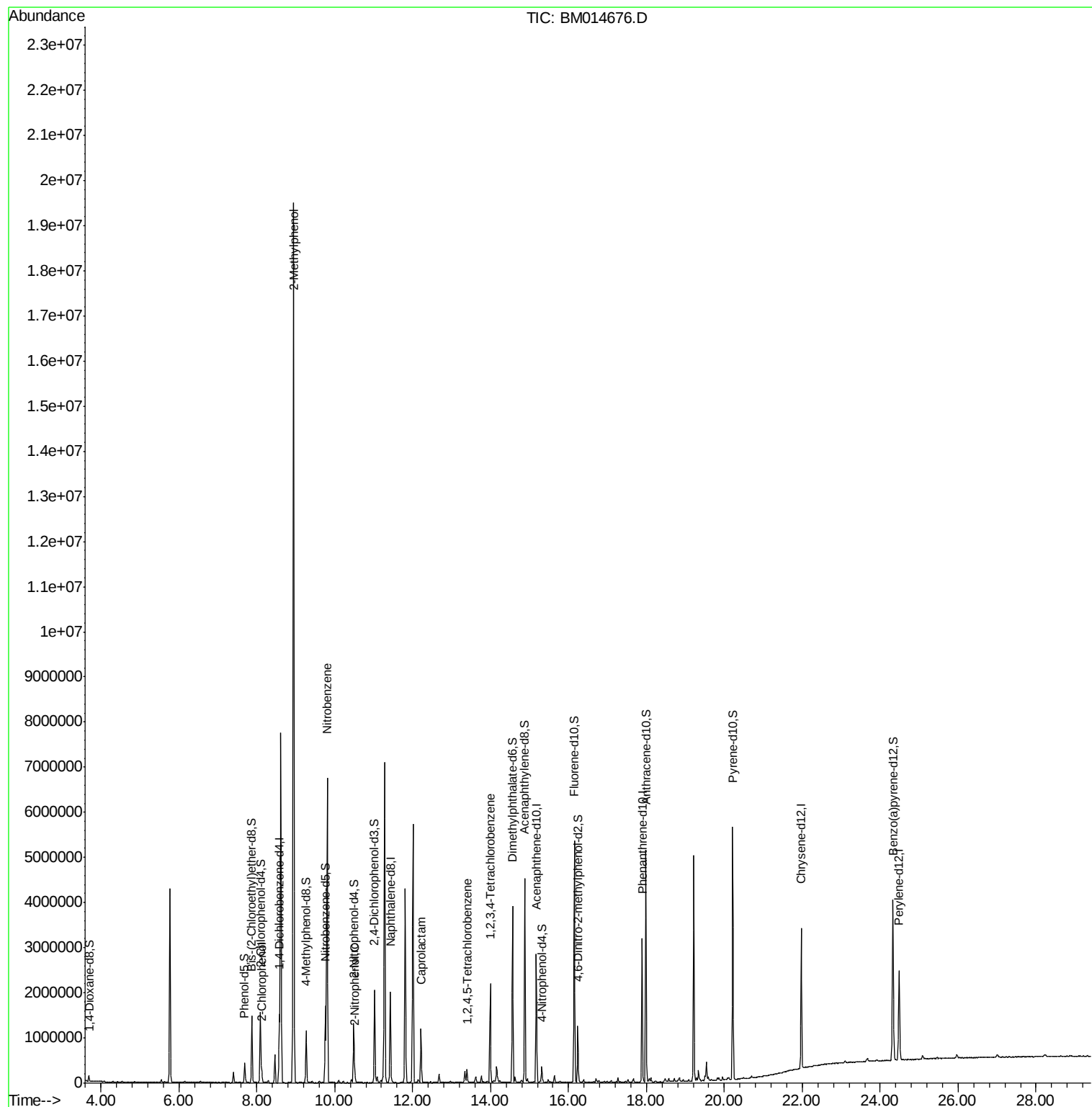
					Ovalue	
10) 2-Chlorophenol	8.13	128	146896	5.464	ng/ul#	92
11) 2-Methylphenol	8.95	108	61411	2.503	ng/ul	98
20) Nitrobenzene	9.80	77	3657806	131.579	ng/ul	95
23) 2-Nitrophenol	10.52	139	43622	3.822	ng/ul#	86
32) Caprolactam	12.22	113	81526	11.596	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	96615	3.398	ng/ul	95
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	609009	22.276	ng/uL	99

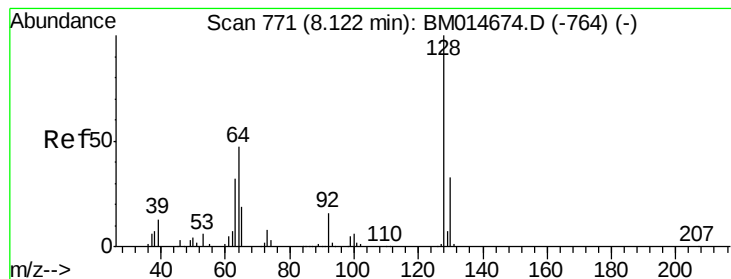
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 5.464 ng/ul

RT: 8.13 min Scan# 772

Delta R.T. 0.01 min

Lab File: BM014676.D

Acq: 06 Apr 2018 10:02

Instrument :

BNA_M

ClientSampled :

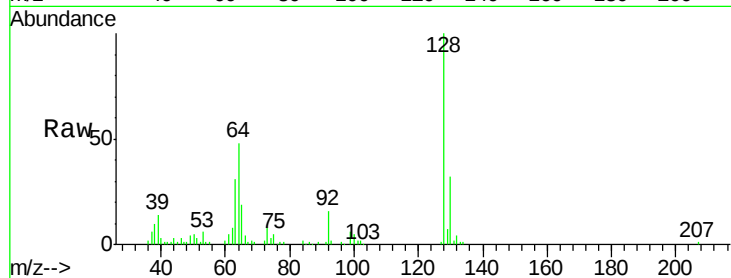
Tot Ion:128 Resp: 146896

Ion Ratio Lower Upper

128 100

64 48.5 31.9 47.9#

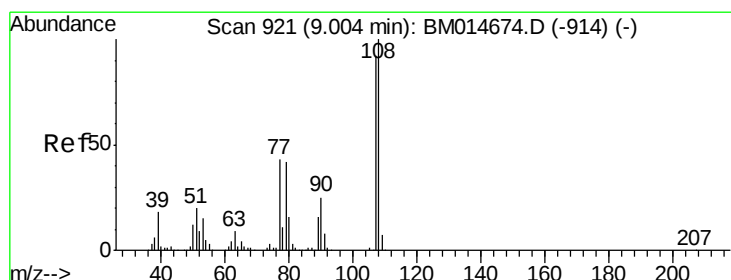
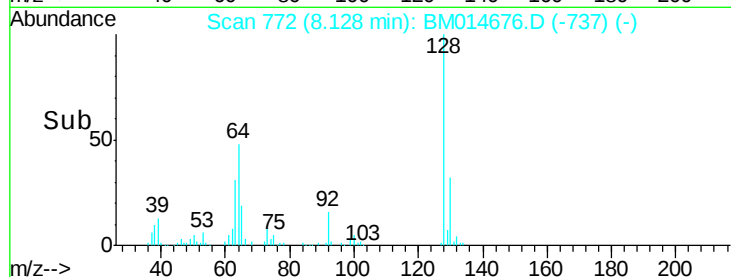
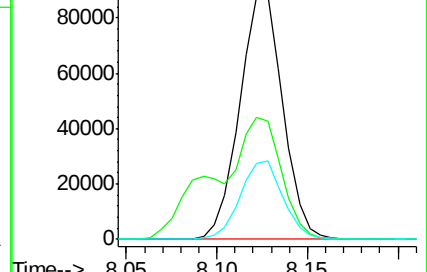
130 32.4 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 2.503 ng/ul

RT: 8.95 min Scan# 911

Delta R.T. -0.06 min

Lab File: BM014676.D

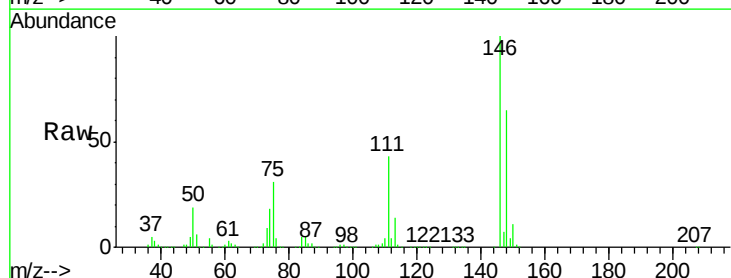
Acq: 06 Apr 2018 10:02

Tgt Ion:108 Resp: 61411

Ion Ratio Lower Upper

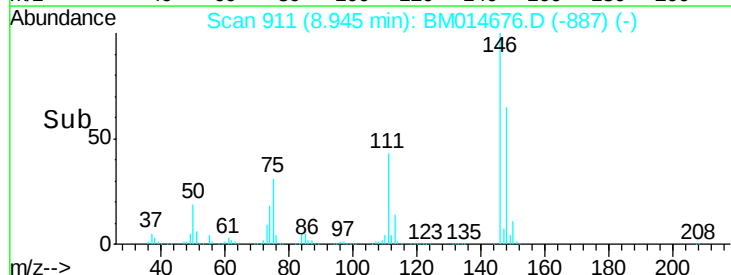
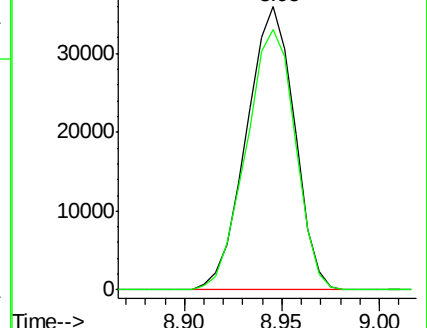
108 100

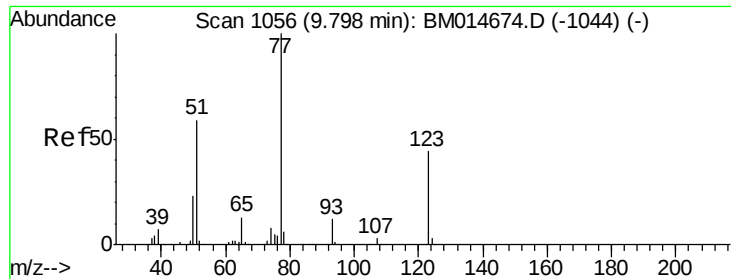
107 92.0 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

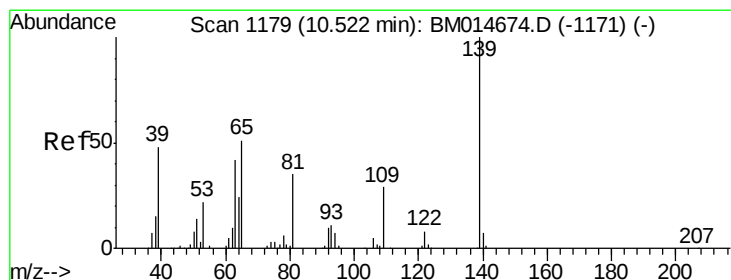
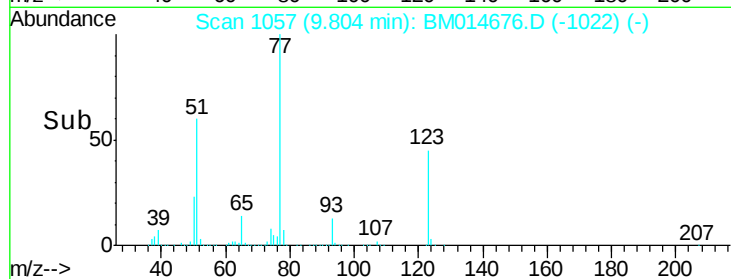
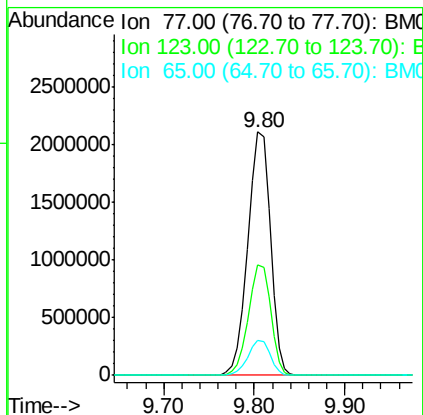
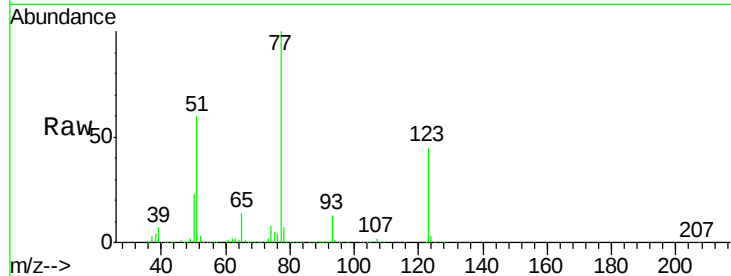




#20
Nitrobenzene
Concen: 131.579 ng/ul
RT: 9.80 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BM014676.D
Acq: 06 Apr 2018 10:02

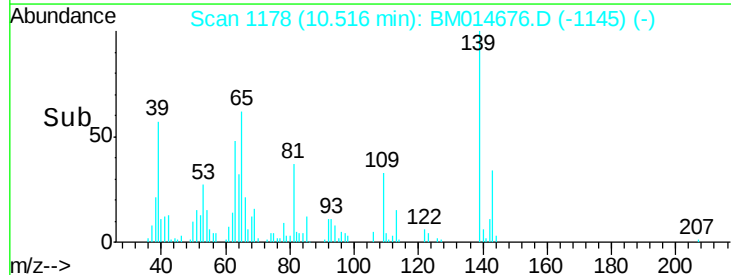
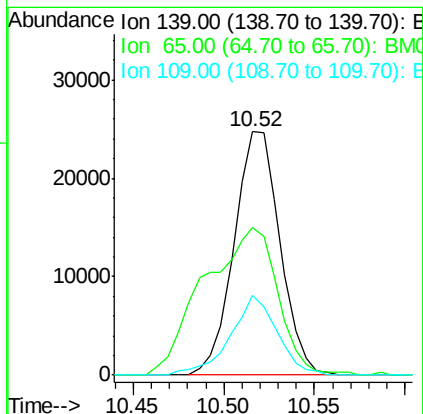
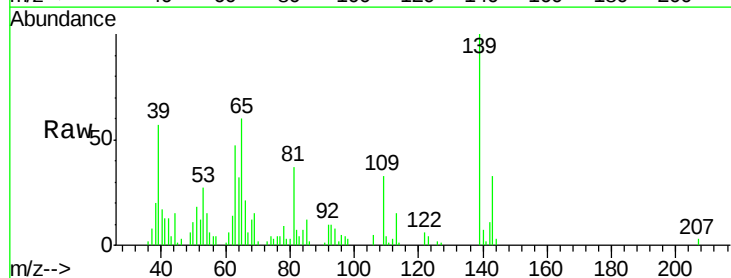
Instrument :
BNA_M
ClientSampleId :

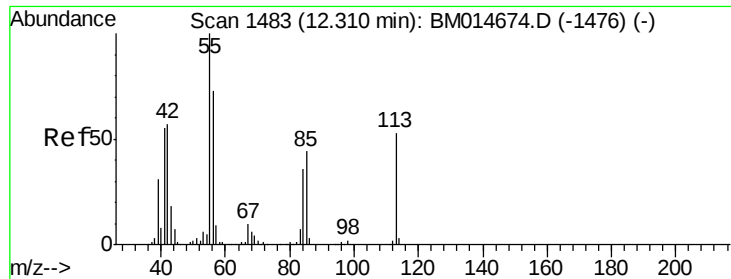
Tot Ion: 77 Resp: 3657806
Ion Ratio Lower Upper
77 100
123 45.2 39.0 58.4
65 14.1 10.4 15.6



#23
2-Nitrophenol
Concen: 3.822 ng/ul
RT: 10.52 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM014676.D
Acq: 06 Apr 2018 10:02

Tgt Ion: 139 Resp: 43622
Ion Ratio Lower Upper
139 100
65 60.4 36.3 54.5#
109 32.6 26.4 39.6





#32

Caprolactam

Concen: 11.596 ng/ul

RT: 12.22 min Scan# 1467

Delta R.T. -0.09 min

Lab File: BM014676.D

Acq: 06 Apr 2018 10:02

Instrument :

BNA_M

ClientSampleId :

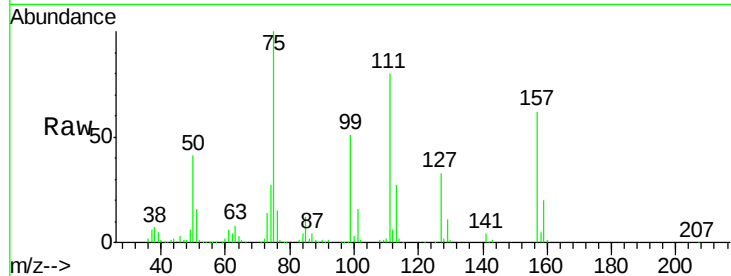
Tot Ion:113 Resp: 81526

Ion Ratio Lower Upper

113 100

55 1.3 101.9 152.9#

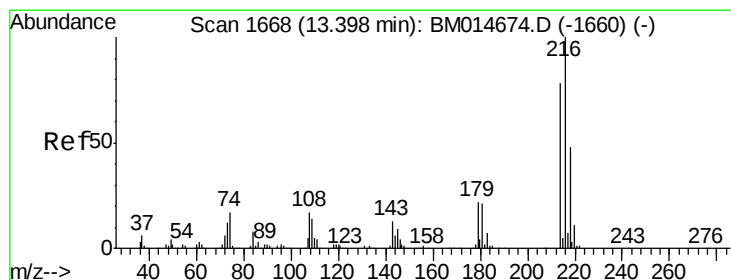
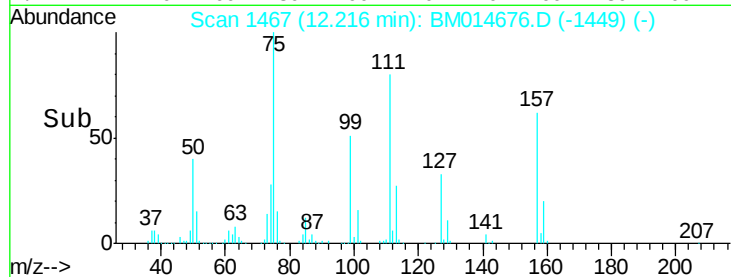
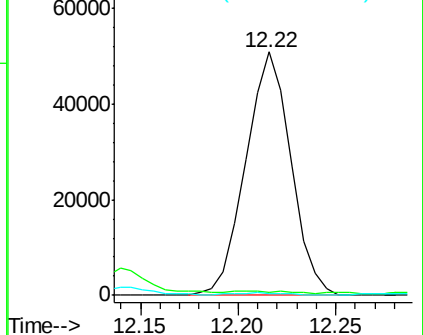
56 0.6 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.398 ng/ul

RT: 13.40 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BM014676.D

Acq: 06 Apr 2018 10:02

Tgt Ion:216 Resp: 96615

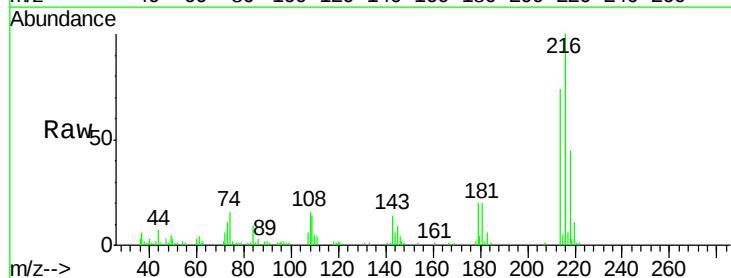
Ion Ratio Lower Upper

216 100

214 74.1 62.5 93.7

179 19.7 18.2 27.2

108 16.4 14.2 21.2

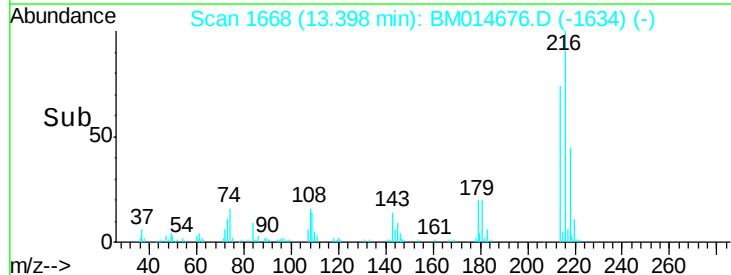
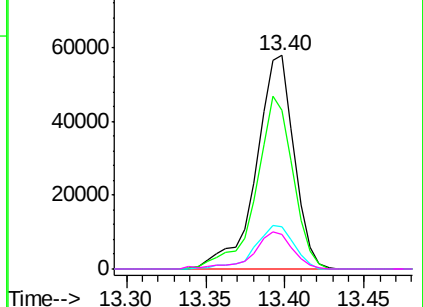


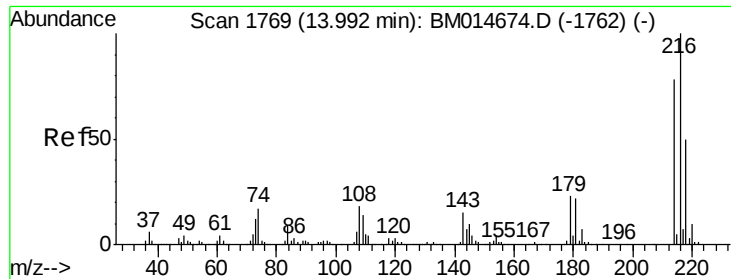
Abundance Ion 216.00 (215.70 to 216.70): E

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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 22.276 ng/uL

RT: 13.99 min Scan# 1769

Delta R.T. 0.00 min

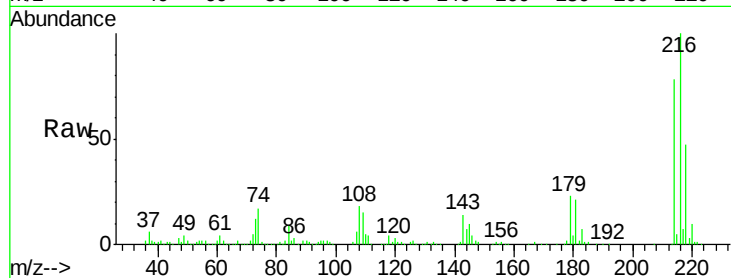
Lab File: BM014676.D

Acq: 06 Apr 2018 10:02

Instrument :

BNA_M

ClientSampleId :



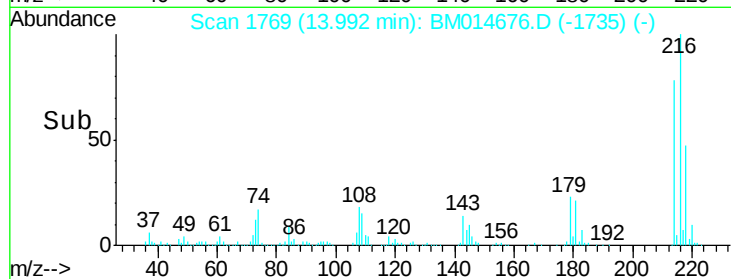
Tot Ion:216 Resp: 609009

Ion Ratio Lower Upper

216 100

214 78.0 62.5 93.7

218 47.2 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

