

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011615.D
 Acq On : 19 Sep 2017 21:39
 Operator : SJ/JU
 Sample : I5271-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Quant Time: Sep 20 05:50:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	380530	20.00	ng/ul	0.03
18) Naphthalene-d8	10.79	136	1577572	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	910460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2079430	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2251142	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2154669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	33227	3.93	ng/uL	0.00
5) Phenol-d5	7.12	99	174189	4.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	617868	25.09	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	545002	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	331683	11.63	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	337007	28.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	357520	28.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	626608	25.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	25847	0.93	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2233354	29.02	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2700707	29.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	57838	4.00	ng/ul	0.00
58) Fluorene-d10	15.59	176	1919266	28.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	305051	25.21	ng/ul	0.00
71) Anthracene-d10	17.43	188	3112573	30.40	ng/ul	0.00
79) Pyrene-d10	19.72	212	3520794	33.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3199968	31.16	ng/ul	0.00

Target Compounds

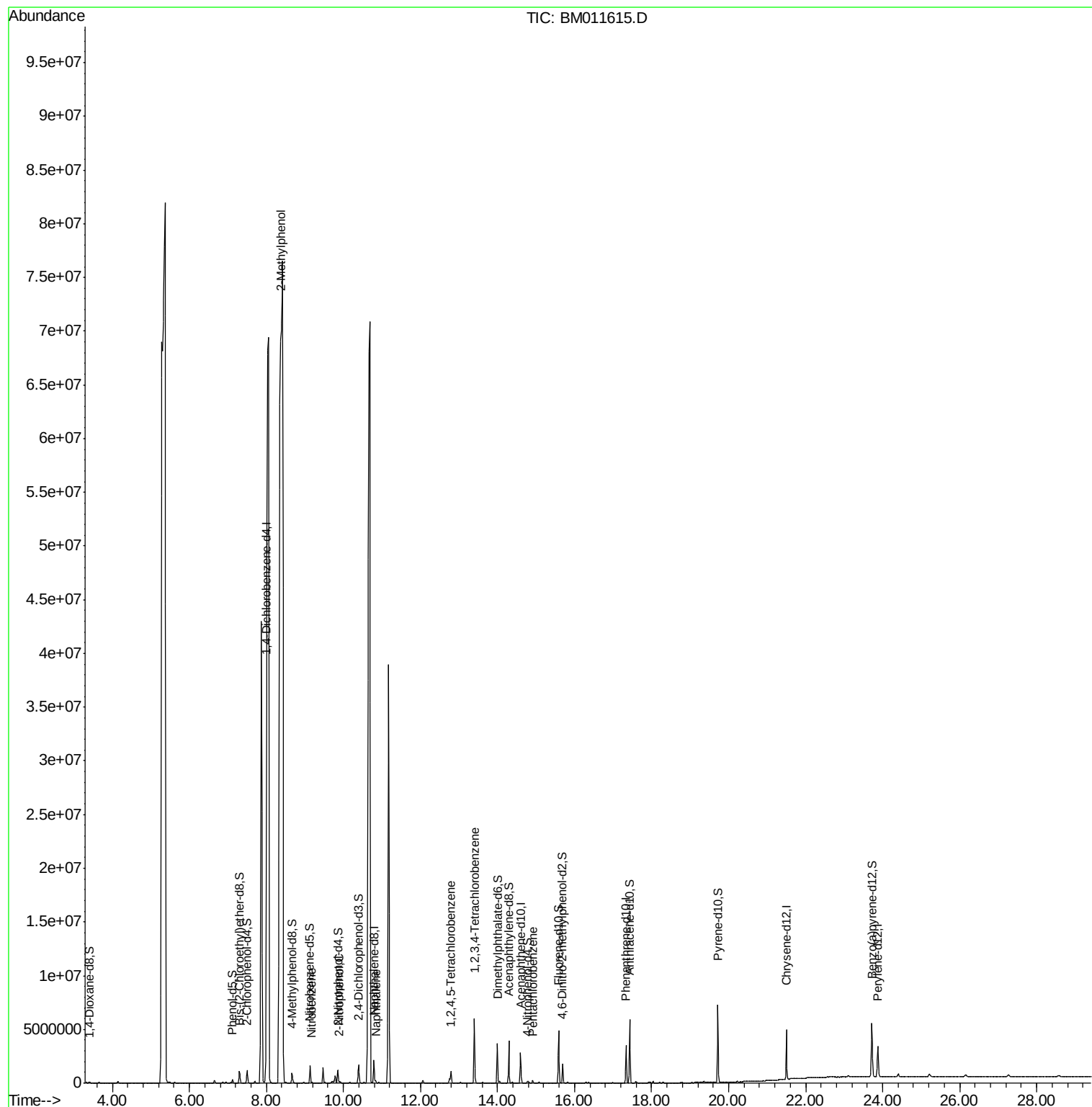
					Ovalue	
11) 2-Methylphenol	8.37	108	455971	16.580	ng/ul	98
20) Nitrobenzene	9.18	77	31550	1.120	ng/ul#	92
23) 2-Nitrophenol	9.89	139	24518	1.874	ng/ul#	85
28) Naphthalene	10.83	128	168090	2.055	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	346179	12.818	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1704832	61.525	ng/uL	99
74) Pentachlorobenzene	14.91	250	59835	2.129	ng/uL	95

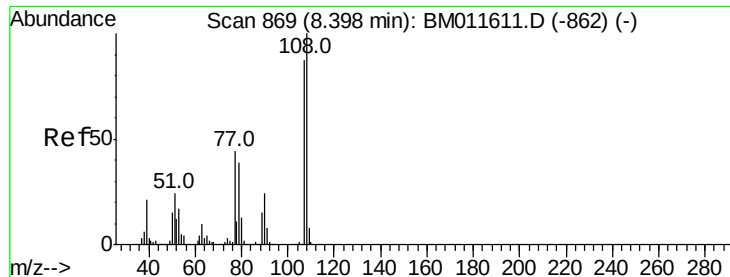
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 16.580 ng/ul

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM011615.D

Acq: 19 Sep 2017 21:39

Instrument :

BNA_M

ClientSampleId :

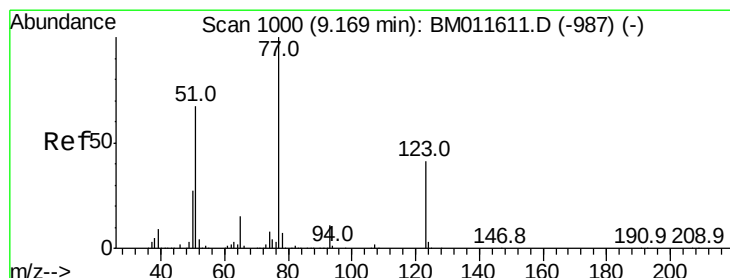
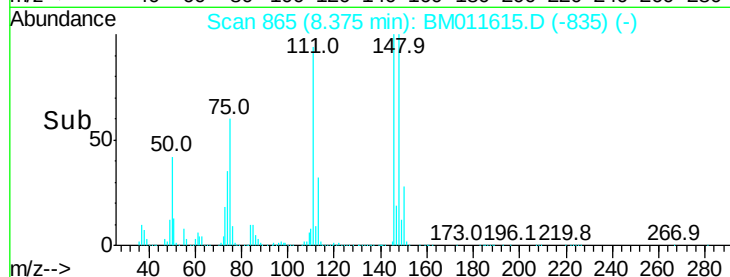
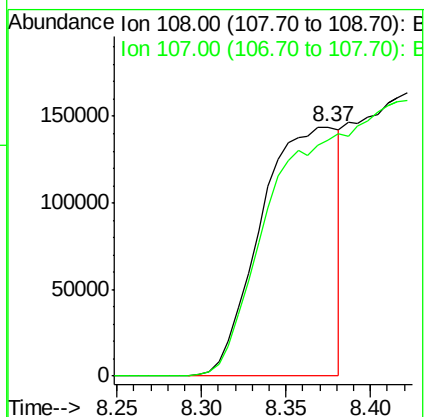
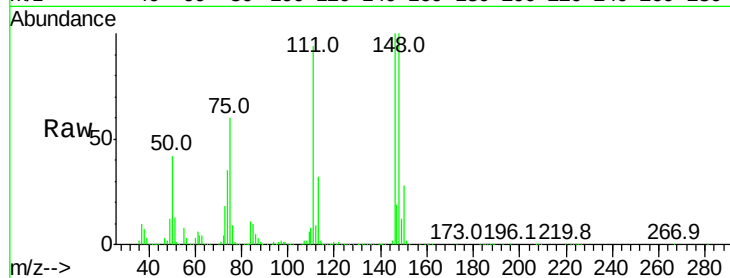
C0AH6

Tot Ion:108 Resp: 455971

Ion Ratio Lower Upper

108 100

107 94.6 74.1 111.1



#20

Nitrobenzene

Concen: 1.120 ng/ul

RT: 9.18 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BM011615.D

Acq: 19 Sep 2017 21:39

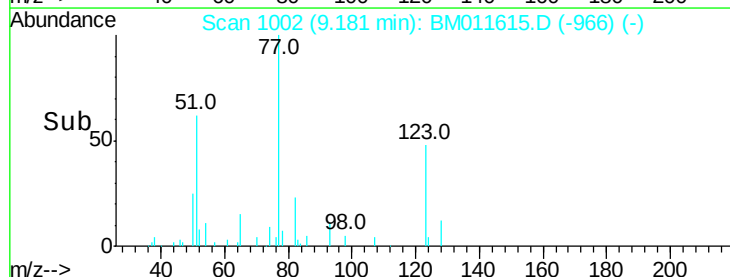
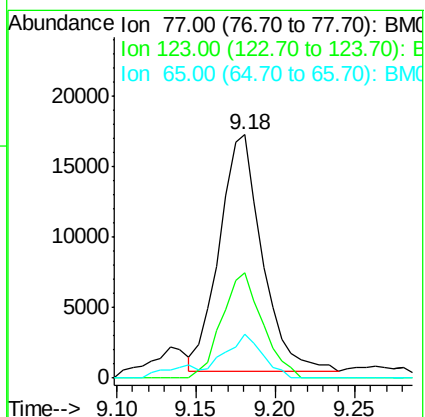
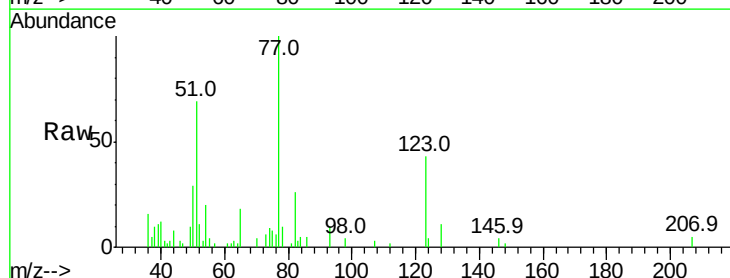
Tgt Ion: 77 Resp: 31550

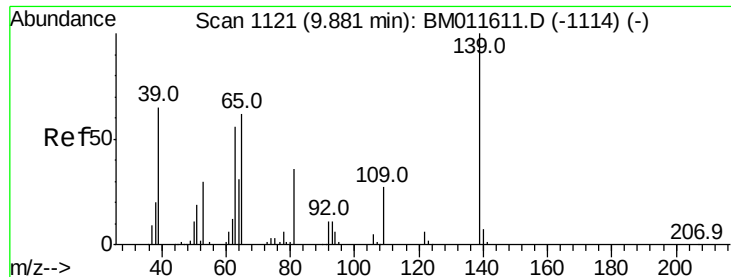
Ion Ratio Lower Upper

77 100

123 43.5 31.8 47.8

65 18.1 10.6 16.0#





#23

2-Nitrophenol

Concen: 1.874 ng/ul

RT: 9.89 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM011615.D

Acq: 19 Sep 2017 21:39

Instrument :

BNA_M

ClientSampleId :

C0AH6

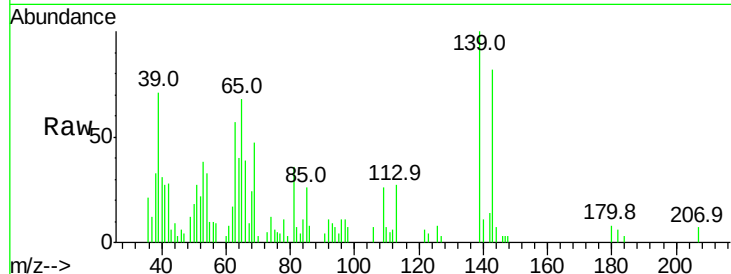
Tot Ion:139 Resp: 24518

Ion Ratio Lower Upper

139 100

65 67.7 45.3 67.9

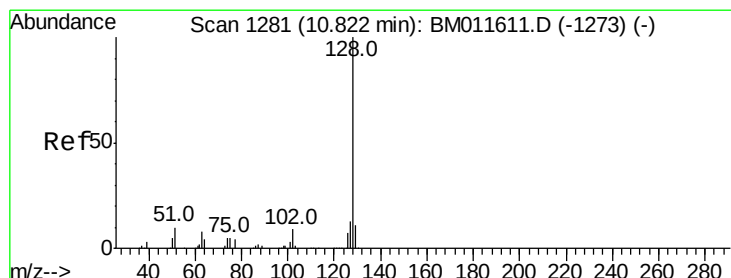
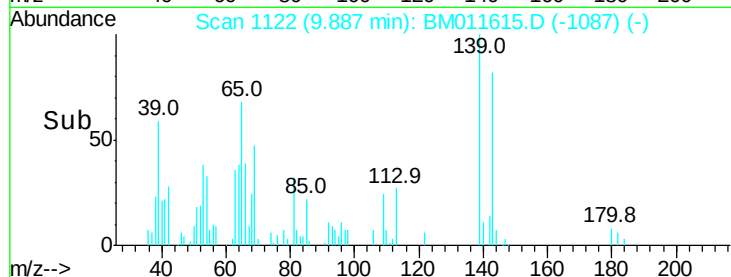
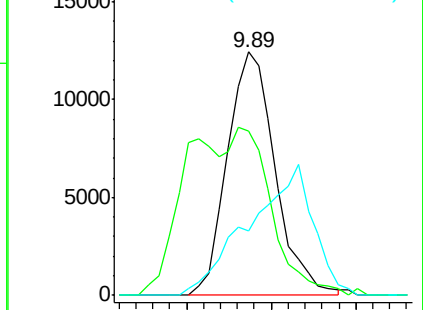
109 26.3 27.7 41.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#28

Naphthalene

Concen: 2.055 ng/ul

RT: 10.83 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BM011615.D

Acq: 19 Sep 2017 21:39

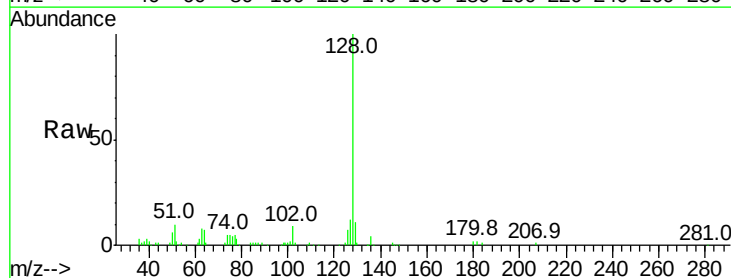
Tgt Ion:128 Resp: 168090

Ion Ratio Lower Upper

128 100

129 11.3 8.3 12.5

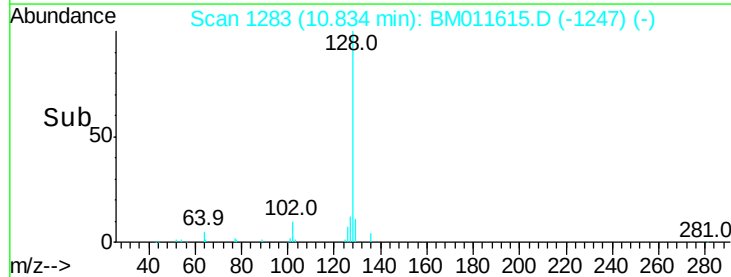
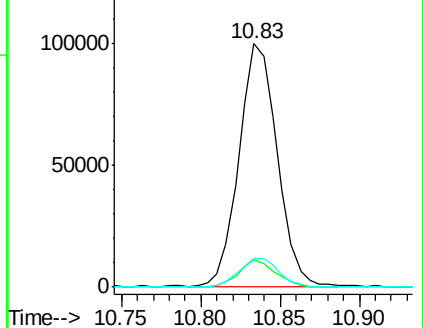
127 11.9 10.8 16.2

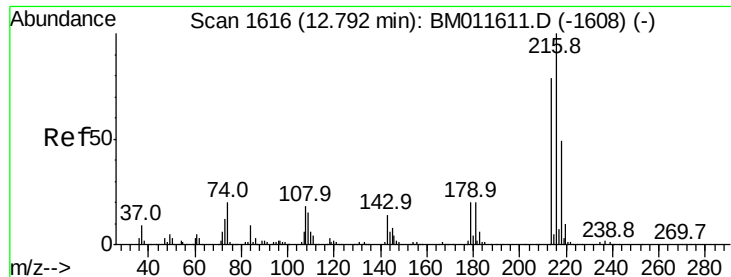


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

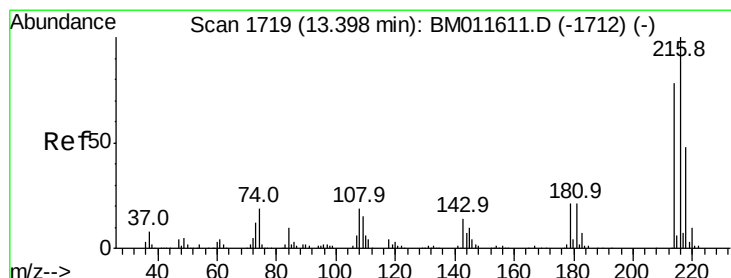
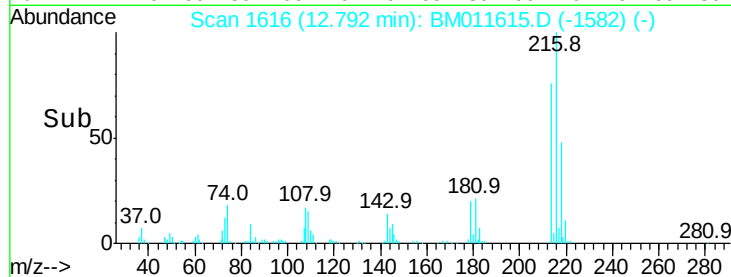
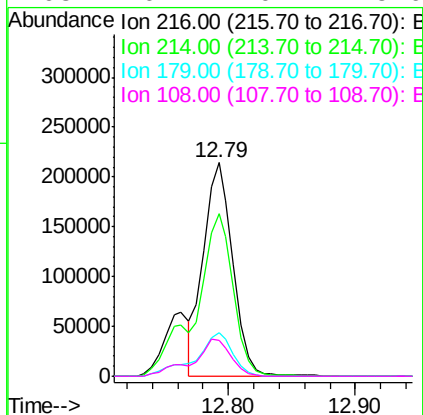
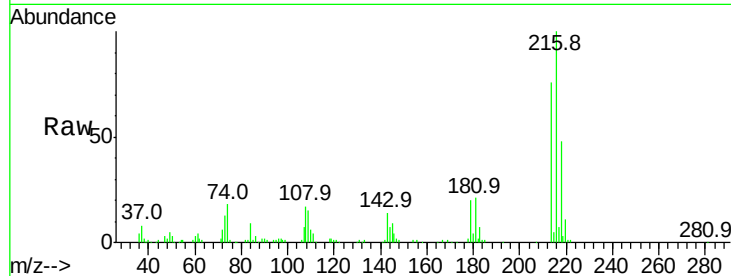




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 12.818 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BM011615.D
 Acq: 19 Sep 2017 21:39

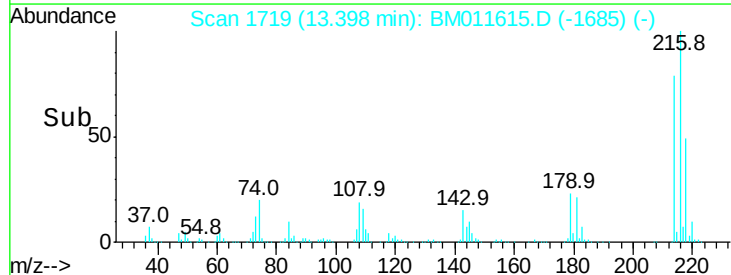
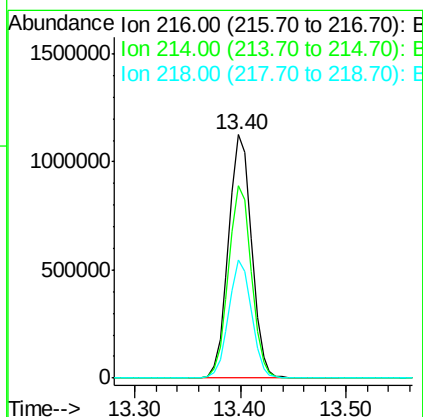
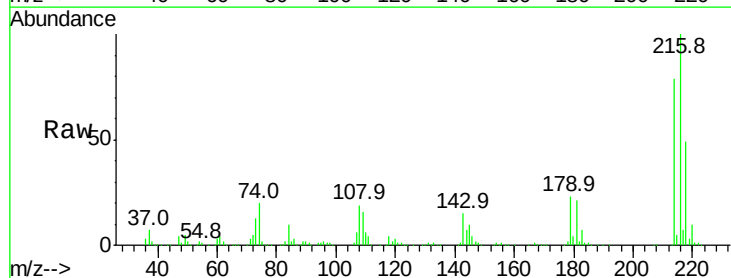
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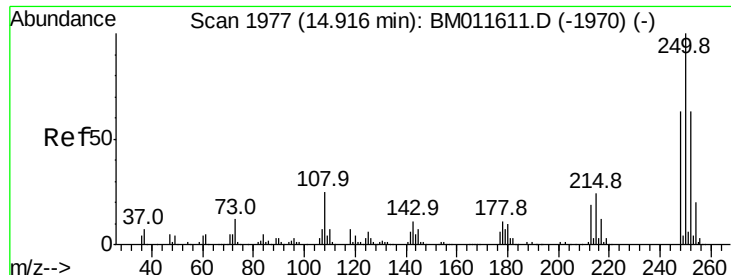
Tot Ion:216 Resp: 346179
 Ion Ratio Lower Upper
 216 100
 214 75.9 64.1 96.1
 179 20.4 14.5 21.7
 108 16.7 10.4 15.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 61.525 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM011615.D
 Acq: 19 Sep 2017 21:39

Tgt Ion:216 Resp: 1704832
 Ion Ratio Lower Upper
 216 100
 214 79.2 64.1 96.1
 218 48.8 39.4 59.0





#74

Pentachlorobenzene

Concen: 2.129 ng/uL

RT: 14.91 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM011615.D

Acq: 19 Sep 2017 21:39

Instrument :

BNA_M

ClientSampleId :

C0AH6

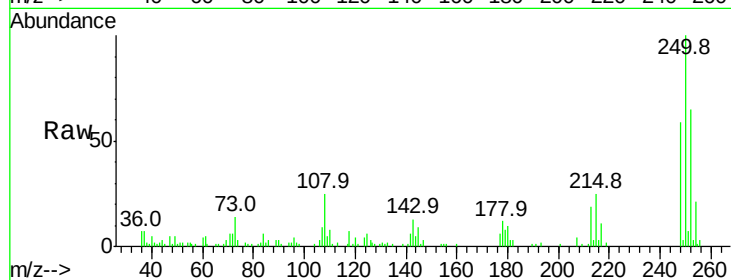
Tot Ion: 250 Resp: 59835

Ion Ratio Lower Upper

250 100

248 59.0 51.4 77.2

252 65.4 49.8 74.6



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

