

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011591.D
 Acq On : 19 Sep 2017 04:29
 Operator : SJ/JU
 Sample : I5234-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Quant Time: Sep 19 05:19:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 03:50:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	430280	20.00	ng/ul	0.05
18) Naphthalene-d8	10.82	136	1946097	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.60	164	1115021	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2553544	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2661549	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2210326	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	63249	6.61	ng/uL	0.00
5) Phenol-d5	7.12	99	325318	7.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	1102596	39.60	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	968722	31.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	600663	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	599203	40.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	637007	41.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	1097309	35.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	49549	1.45	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	3874182	41.10	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	4676236	41.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	143232	8.09	ng/ul	0.00
58) Fluorene-d10	15.59	176	3400490	41.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	591859	39.83	ng/ul	0.00
71) Anthracene-d10	17.44	188	5455691	43.39	ng/ul	0.00
79) Pyrene-d10	19.72	212	6110607	49.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4809826	45.66	ng/ul	0.00

Target Compounds

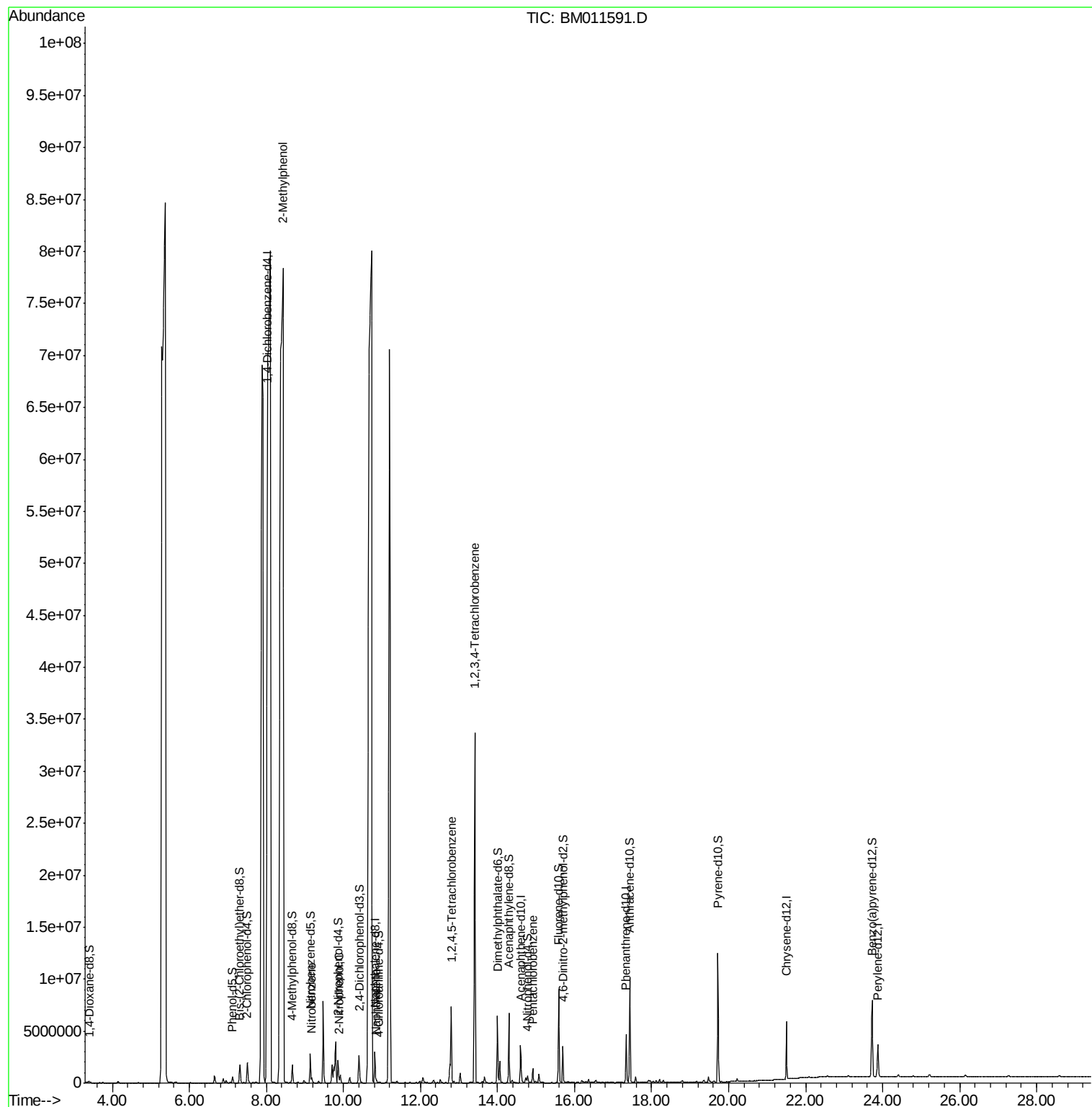
					Ovalue	
11) 2-Methylphenol	8.43	108	912852	29.356	ng/ul	92
20) Nitrobenzene	9.18	77	241655	6.957	ng/ul	98
23) 2-Nitrophenol	9.89	139	35974	2.229	ng/ul#	88
28) Naphthalene	10.86	128	178468	1.768	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	2105502	63.657	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	9814606	288.434	ng/uL	99
74) Pentachlorobenzene	14.92	250	346627	10.044	ng/uL	97

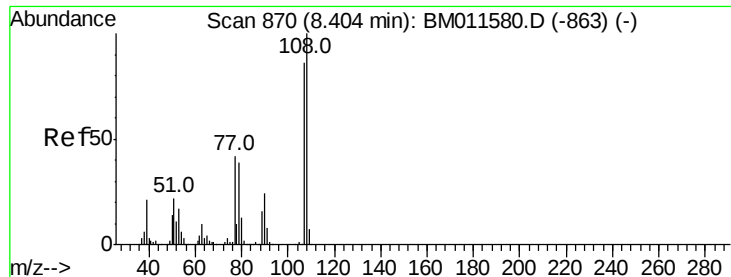
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 29.356 ng/ul

RT: 8.43 min Scan# 874

Delta R.T. 0.02 min

Lab File: BM011591.D

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Instrument :

BNA_M

ClientSampleId :

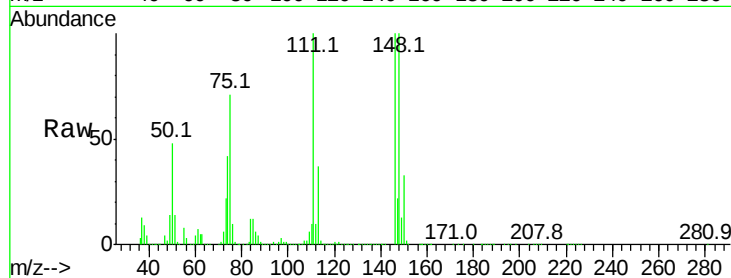
C0AF5

Tot Ion:108 Resp: 912852

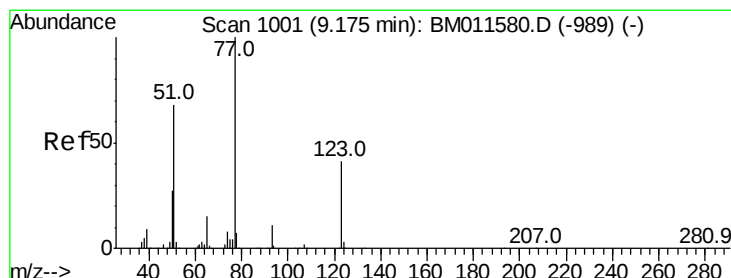
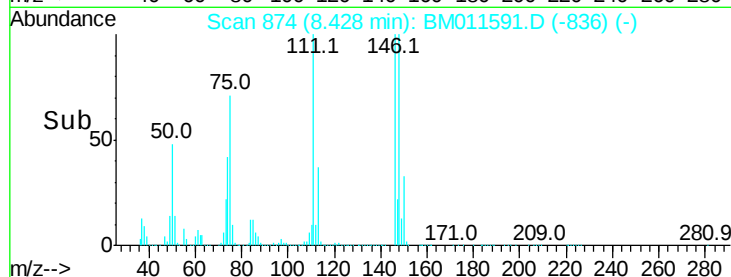
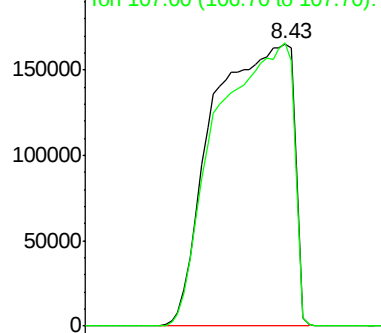
Ion Ratio Lower Upper

108 100

107 100.2 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E



#20

Nitrobenzene

Concen: 6.957 ng/ul

RT: 9.18 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BM011591.D

Acq: 19 Sep 2017 04:29

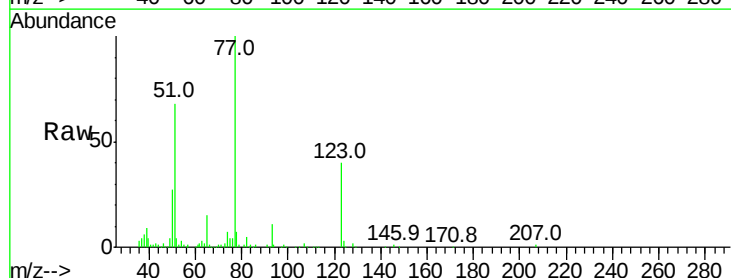
Tgt Ion: 77 Resp: 241655

Ion Ratio Lower Upper

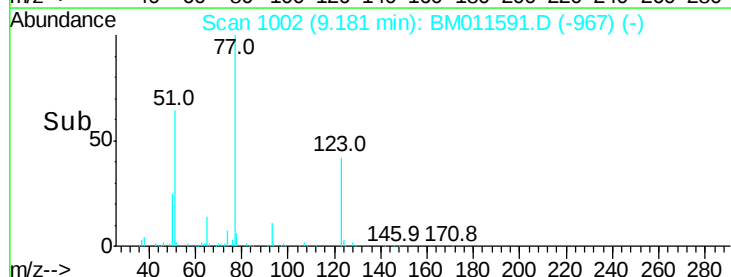
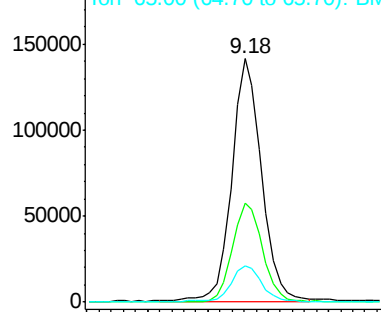
77 100

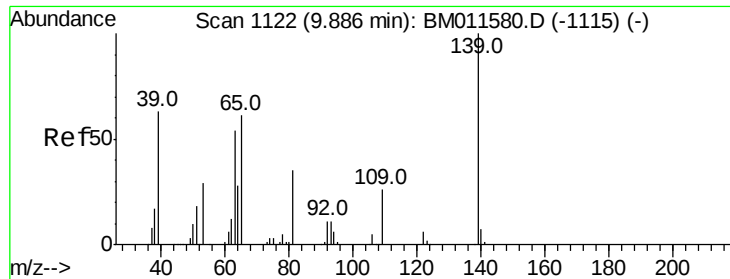
123 40.4 31.8 47.8

65 14.9 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM0

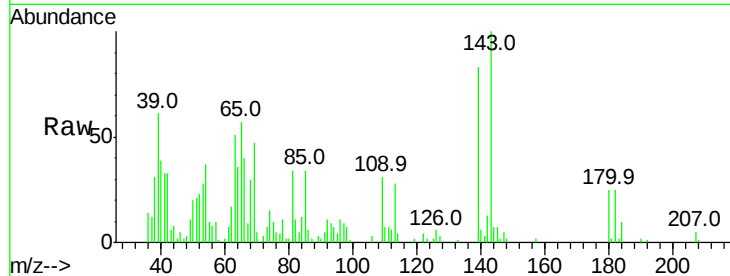




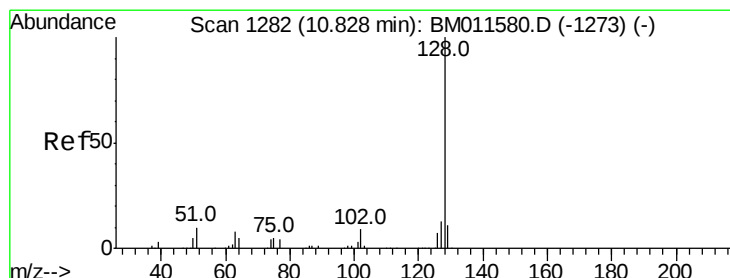
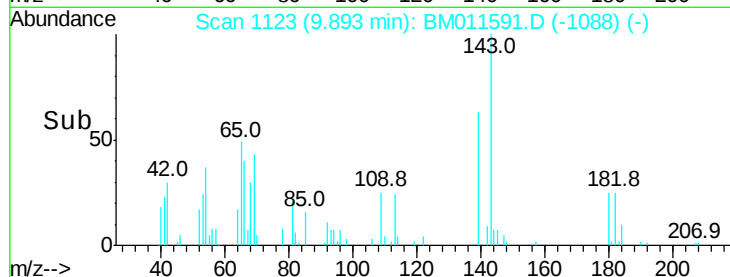
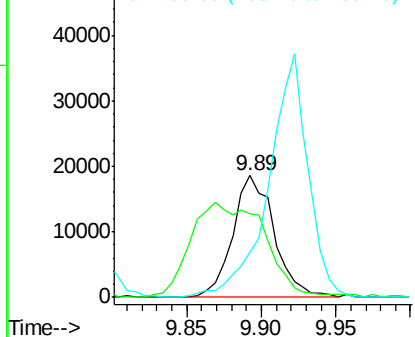
#23
2-Nitrophenol
Concen: 2.229 ng/ul
RT: 9.89 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BM011591.D
Acq: 19 Sep 2017 04:29

Instrument :
BNA_M
ClientSampleId :
C0AF5

Tot Ion:139 Resp: 35974
Ion Ratio Lower Upper
139 100
65 69.0 45.3 67.9#
109 37.1 27.7 41.5

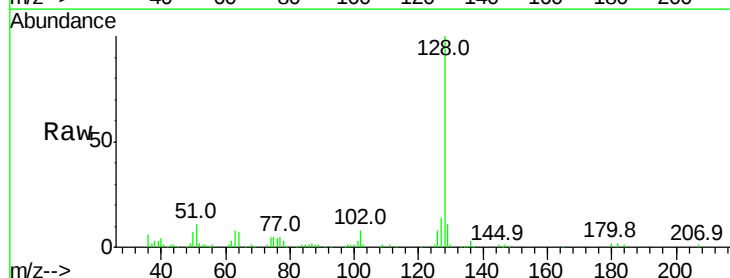


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 109.00 (108.70 to 109.70): E

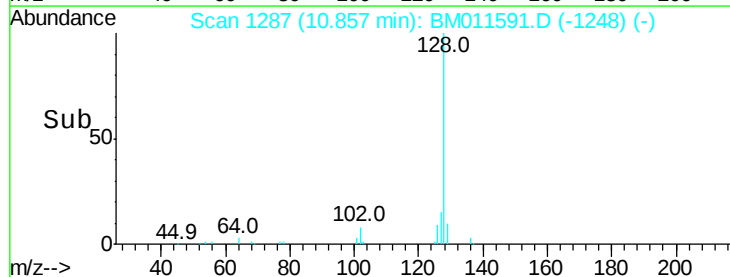
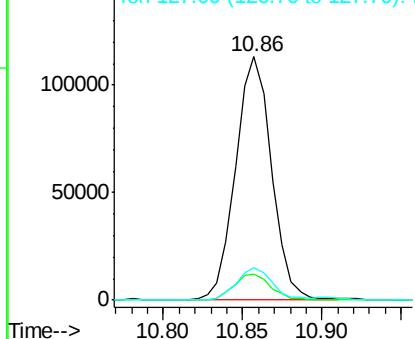


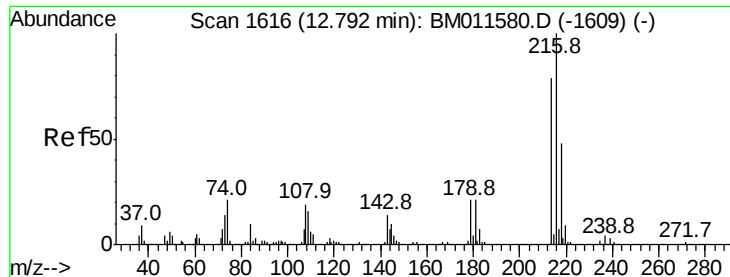
#28
Naphthalene
Concen: 1.768 ng/ul
RT: 10.86 min Scan# 1287
Delta R.T. 0.03 min
Lab File: BM011591.D
Acq: 19 Sep 2017 04:29

Tgt Ion:128 Resp: 178468
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.5 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

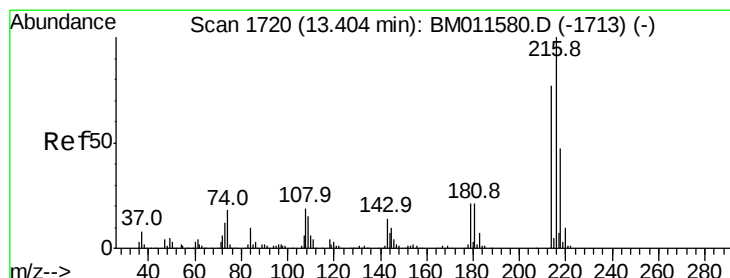
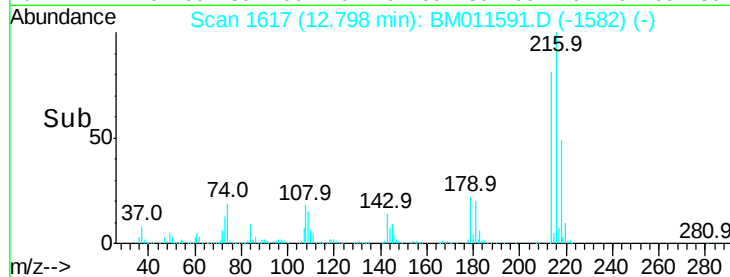
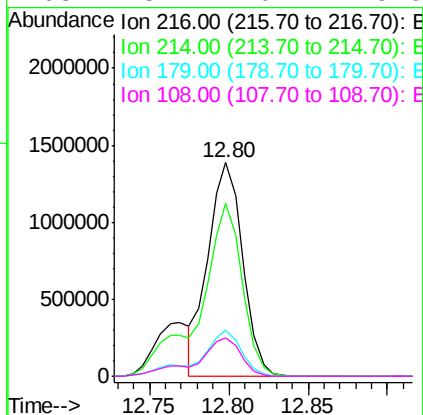
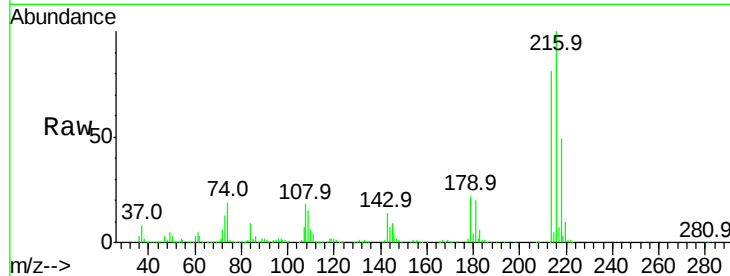




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 63.657 ng/ul
 RT: 12.80 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BM011591.D
 Acq: 19 Sep 2017 04:29

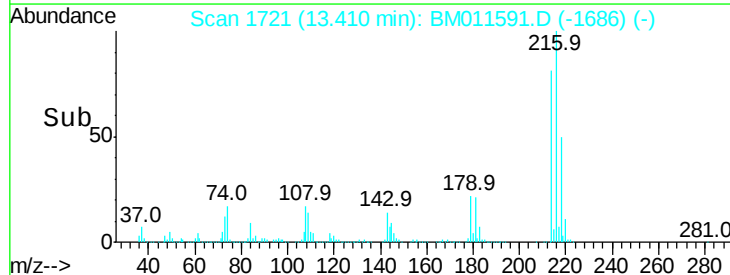
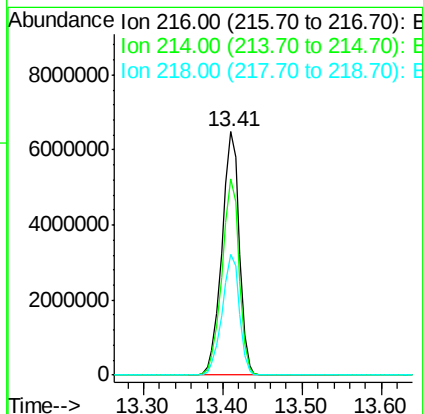
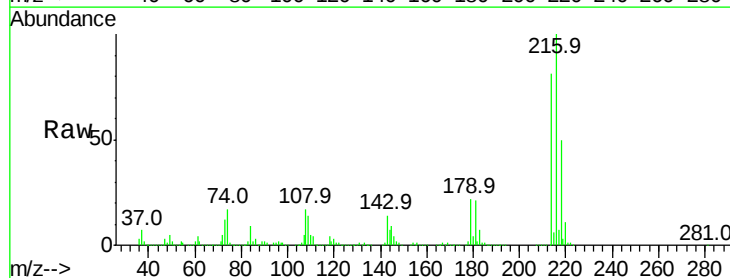
Instrument :
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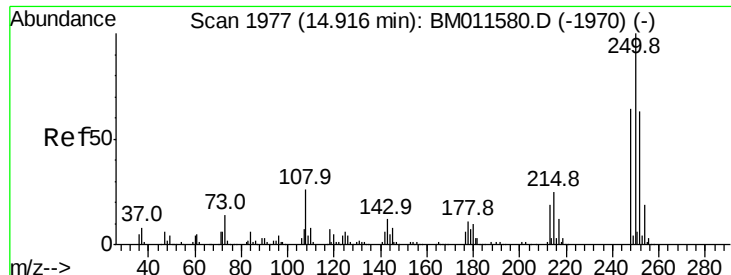
Tot Ion:216 Resp: 2105502
 Ion Ratio Lower Upper
 216 100
 214 81.1 64.1 96.1
 179 21.7 14.5 21.7
 108 18.1 10.4 15.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 288.434 ng/uL
 RT: 13.41 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BM011591.D
 Acq: 19 Sep 2017 04:29

Tgt Ion:216 Resp: 9814606
 Ion Ratio Lower Upper
 216 100
 214 80.5 64.1 96.1
 218 49.8 39.4 59.0





#74

Pentachlorobenzene

Concen: 10.044 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM011591.D

Acq: 19 Sep 2017 04:29

Instrument :

BNA_M

ClientSampleId :

C0AF5

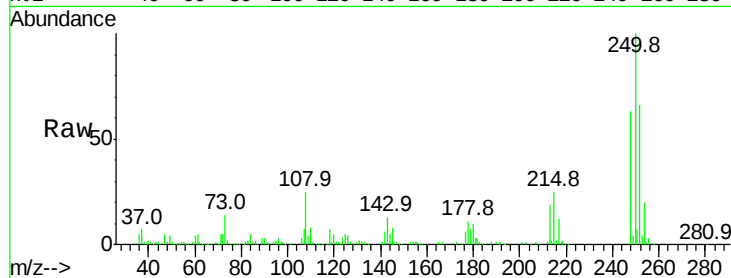
Tot Ion:250 Resp: 346627

Ion Ratio Lower Upper

250 100

248 62.7 51.4 77.2

252 65.9 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

