

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011579.D
 Acq On : 18 Sep 2017 21:13
 Operator : SJ/JU
 Sample : I5234-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Quant Time: Sep 19 02:31:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 02:31:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	416906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1768653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1016284	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2222376	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2259684	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2020260	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	48080	5.19	ng/uL	0.00
5) Phenol-d5	7.12	99	166240	4.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	510022	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	444351	14.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	296574	9.49	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	267988	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	273867	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	494982	17.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	66670	2.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1818258	21.16	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2095838	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	42007	2.60	ng/ul	0.00
58) Fluorene-d10	15.59	176	1551197	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	205744	15.91	ng/ul	0.00
71) Anthracene-d10	17.44	188	2483302	22.69	ng/ul	0.00
79) Pyrene-d10	19.72	212	2737821	25.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2158217	22.42	ng/ul	0.00

Target Compounds

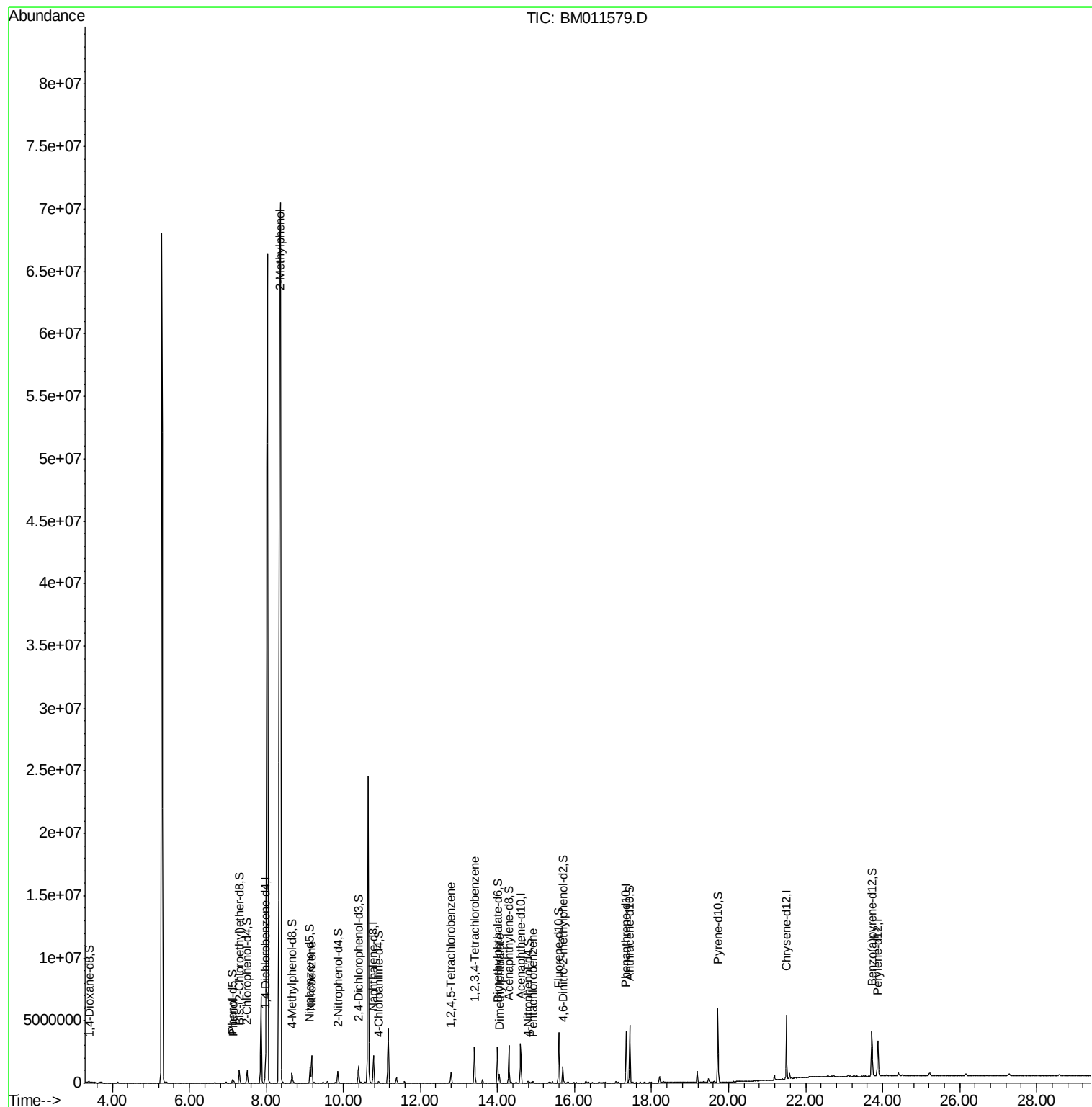
					Ovalue	
6) Phenol	7.15	94	62517	1.573	ng/ul#	92
11) 2-Methylphenol	8.36	108	422372	14.018	ng/ul	100
20) Nitrobenzene	9.17	77	1143621	36.224	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	284792	9.447	ng/ul#	96
45) Dimethylphthalate	14.04	163	416952	5.069	ng/ul#	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	784679	26.497	ng/uL	98
74) Pentachlorobenzene	14.92	250	30127	1.003	ng/uL	91

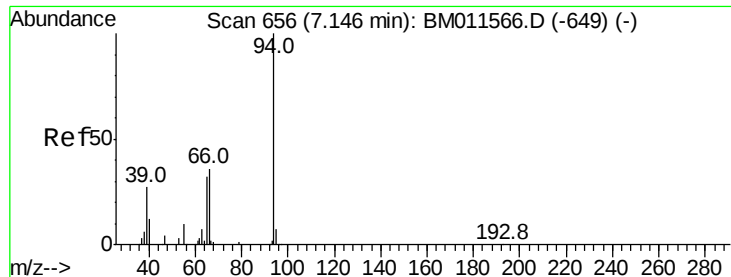
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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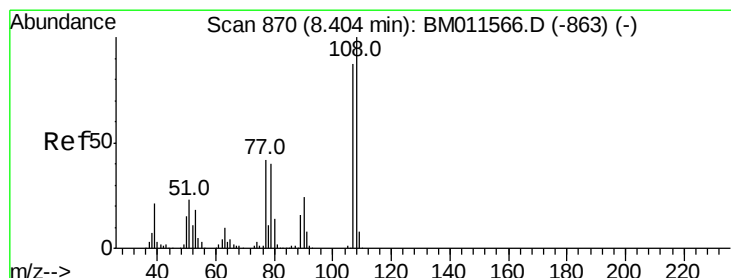
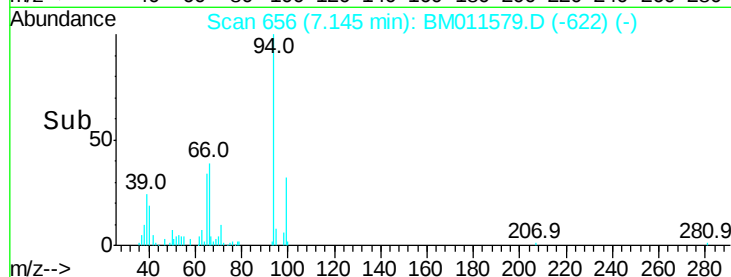
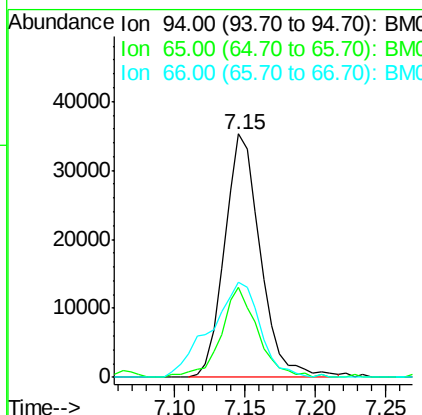
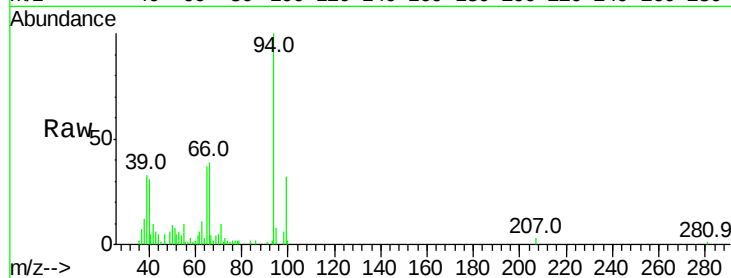
#6

Phenol

Concen: 1.573 ng/ul
 RT: 7.15 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BM011579.D
 Acq: 18 Sep 2017 21:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Tot Ion	Ratio	Lower	Upper
94	100		
65	37.1	23.0	34.6#
66	39.0	30.4	45.6

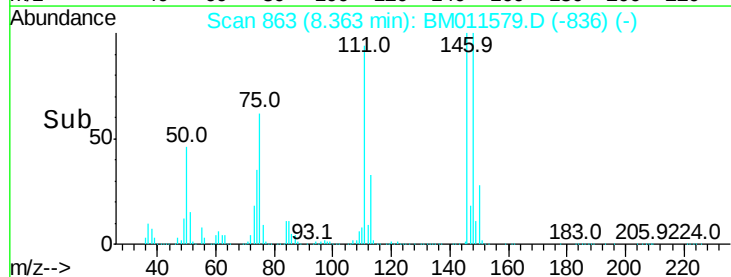
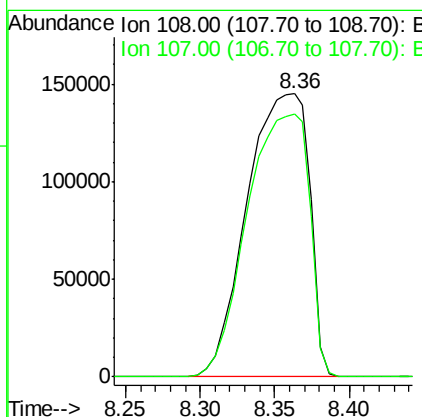
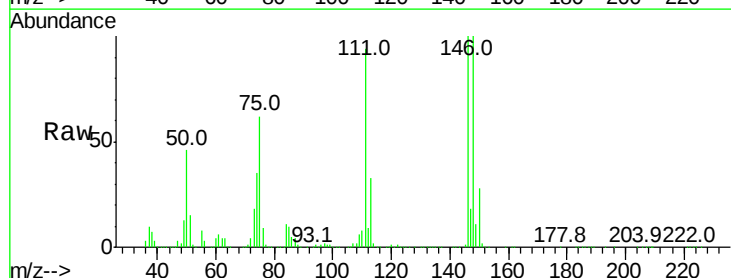


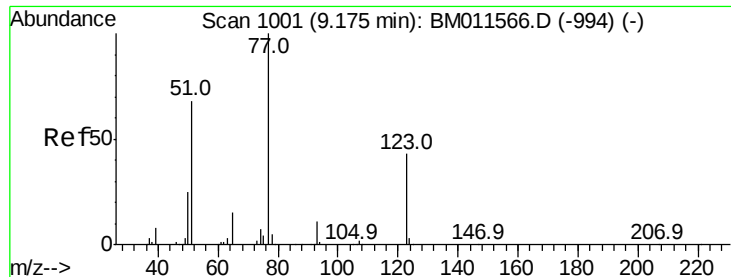
#11

2-Methylphenol

Concen: 14.018 ng/ul
 RT: 8.36 min Scan# 863
 Delta R.T. -0.04 min
 Lab File: BM011579.D
 Acq: 18 Sep 2017 21:13

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.9	74.1	111.1

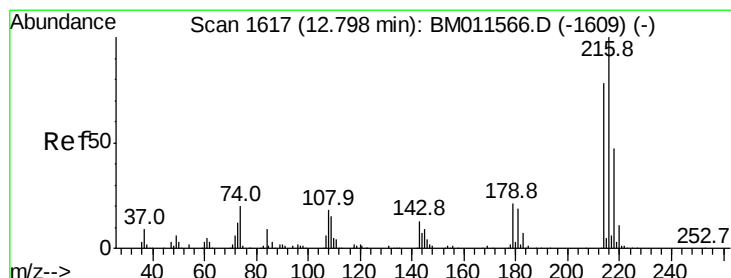
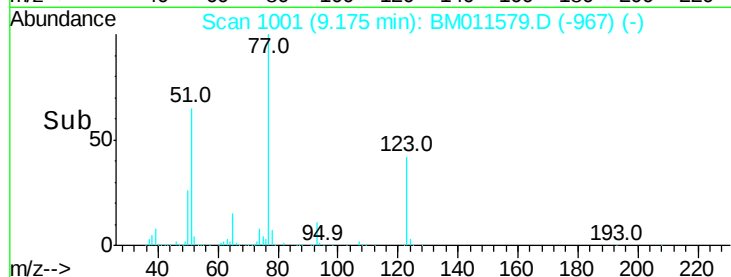
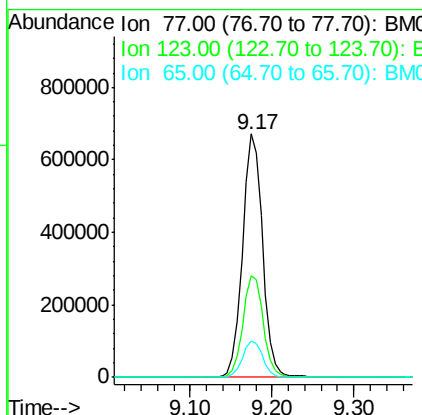
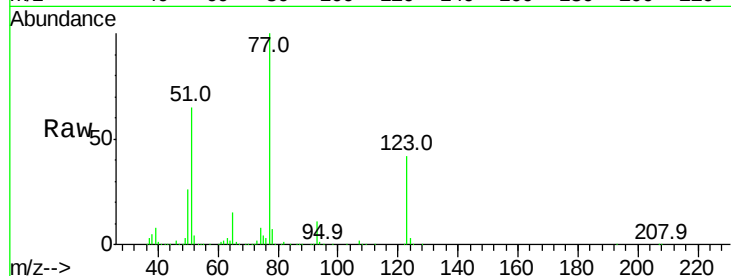




#20
Nitrobenzene
Concen: 36.224 ng/ul
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BM011579.D
Acq: 18 Sep 2017 21:13

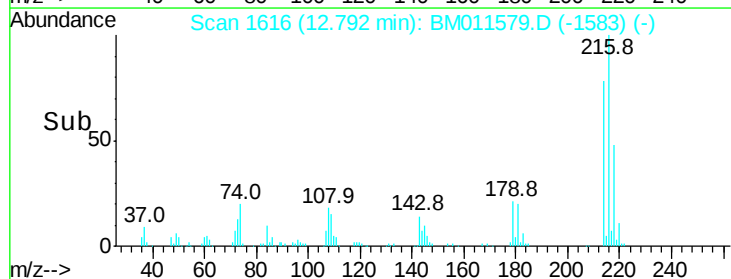
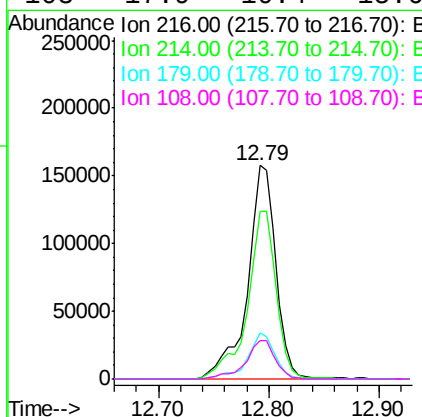
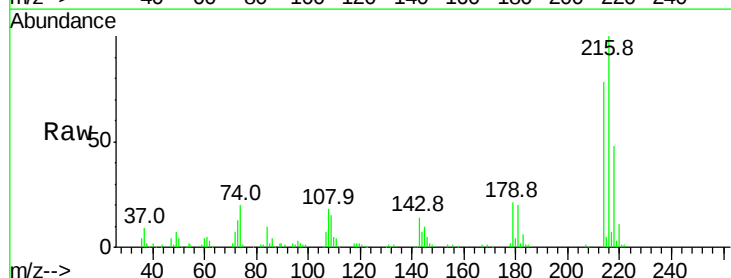
Instrument :
BNA_M
ClientSampleId :
C0AJ3

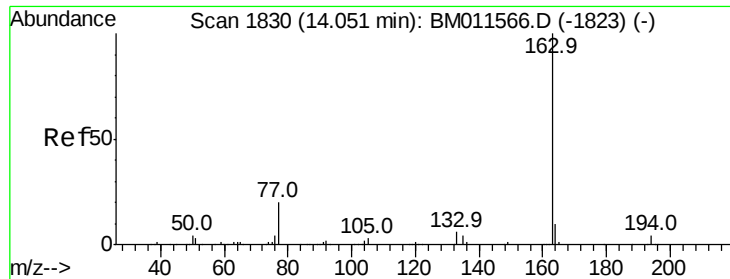
Tot Ion: 77 Resp: 1143621
Ion Ratio Lower Upper
77 100
123 41.6 31.8 47.8
65 14.8 10.6 16.0



#37
1,2,4,5-Tetrachlorobenzene
Concen: 9.447 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM011579.D
Acq: 18 Sep 2017 21:13

Tgt Ion: 216 Resp: 284792
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 21.4 14.5 21.7
108 17.9 10.4 15.6#





#45

Dimethylphthalate

Concen: 5.069 ng/ul

RT: 14.04 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM011579.D

Acq: 18 Sep 2017 21:13

Instrument :

BNA_M

ClientSampleId :

C0AJ3

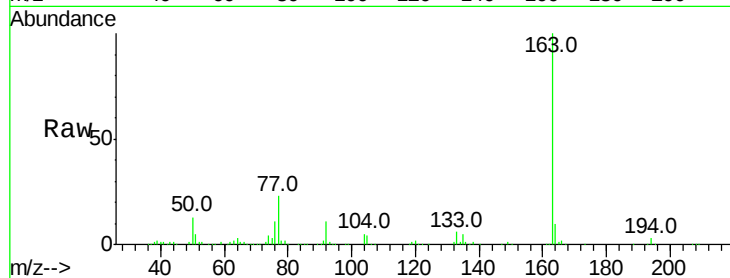
Tot Ion:163 Resp: 416952

Ion Ratio Lower Upper

163 100

194 3.3 4.0 6.0#

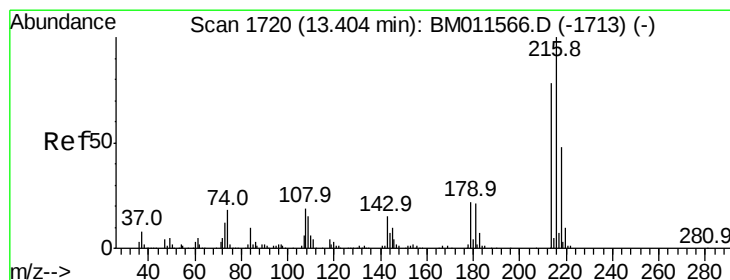
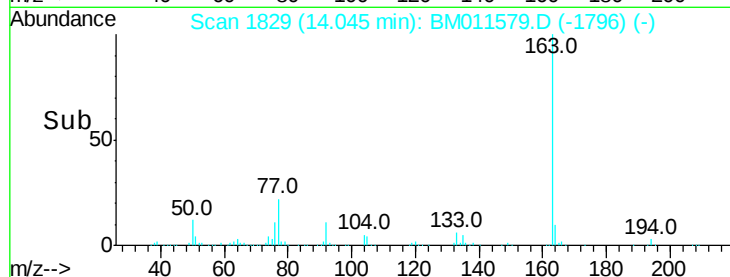
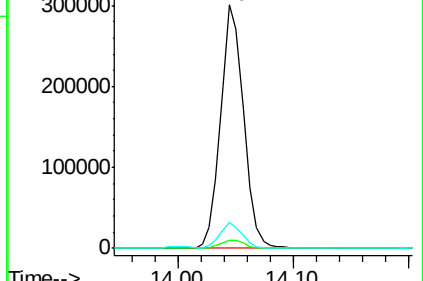
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 26.497 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM011579.D

Acq: 18 Sep 2017 21:13

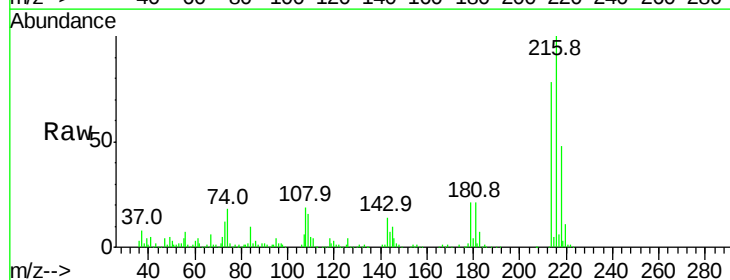
Tgt Ion:216 Resp: 784679

Ion Ratio Lower Upper

216 100

214 78.5 64.1 96.1

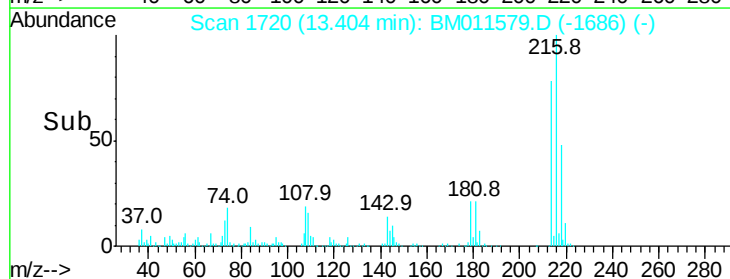
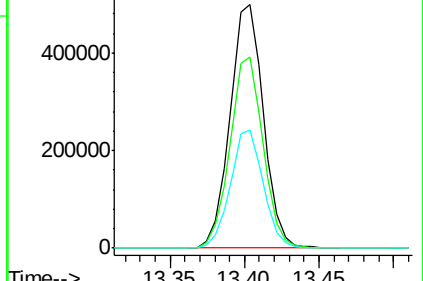
218 48.5 39.4 59.0

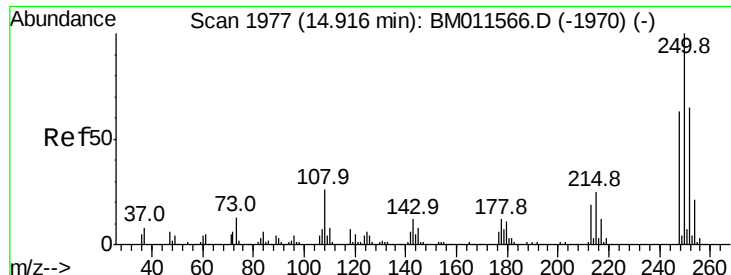


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 1.003 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM011579.D

Acq: 18 Sep 2017 21:13

Instrument :

BNA_M

ClientSampleId :

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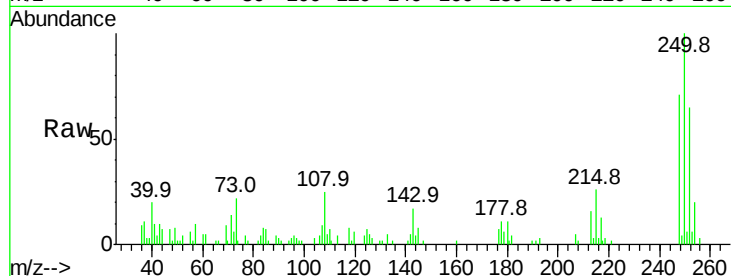
Tot Ion:250 Resp: 30127

Ion Ratio Lower Upper

250 100

248 74.7 51.4 77.2

252 65.0 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

