

Data File : BM023647.D
Acq On : 11 Nov 2019 21:29
Operator : JU
Sample : K5559-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CP6

Quant Time: Nov 12 00:06:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 00:02:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	338870	20.00	ng/ul	0.05
18) Naphthalene-d8	10.35	136	1784382	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.20	164	1193239	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2618625	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1905118	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1845829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	54574	6.64	ng/uL	0.00
5) Phenol-d5	6.74	99	278016	9.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	773289	43.57	ng/ul	0.02
9) 2-Chlorophenol-d4	7.09	132	850592	38.01	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	542271	22.01	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	557097	43.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.42	143	648451	48.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	1135318	37.09	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	87972	2.62	ng/ul	0.01
44) Dimethylphthalate-d6	13.63	166	4008889	43.08	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	4569696	43.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	129566	8.16	ng/ul	0.00
58) Fluorene-d10	15.20	176	3427766	41.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	646852	42.70	ng/ul	0.00
71) Anthracene-d10	17.05	188	5467935	44.02	ng/ul	0.00
79) Pyrene-d10	19.35	212	5589811	56.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	4485068	46.18	ng/ul	0.00

Target Compounds

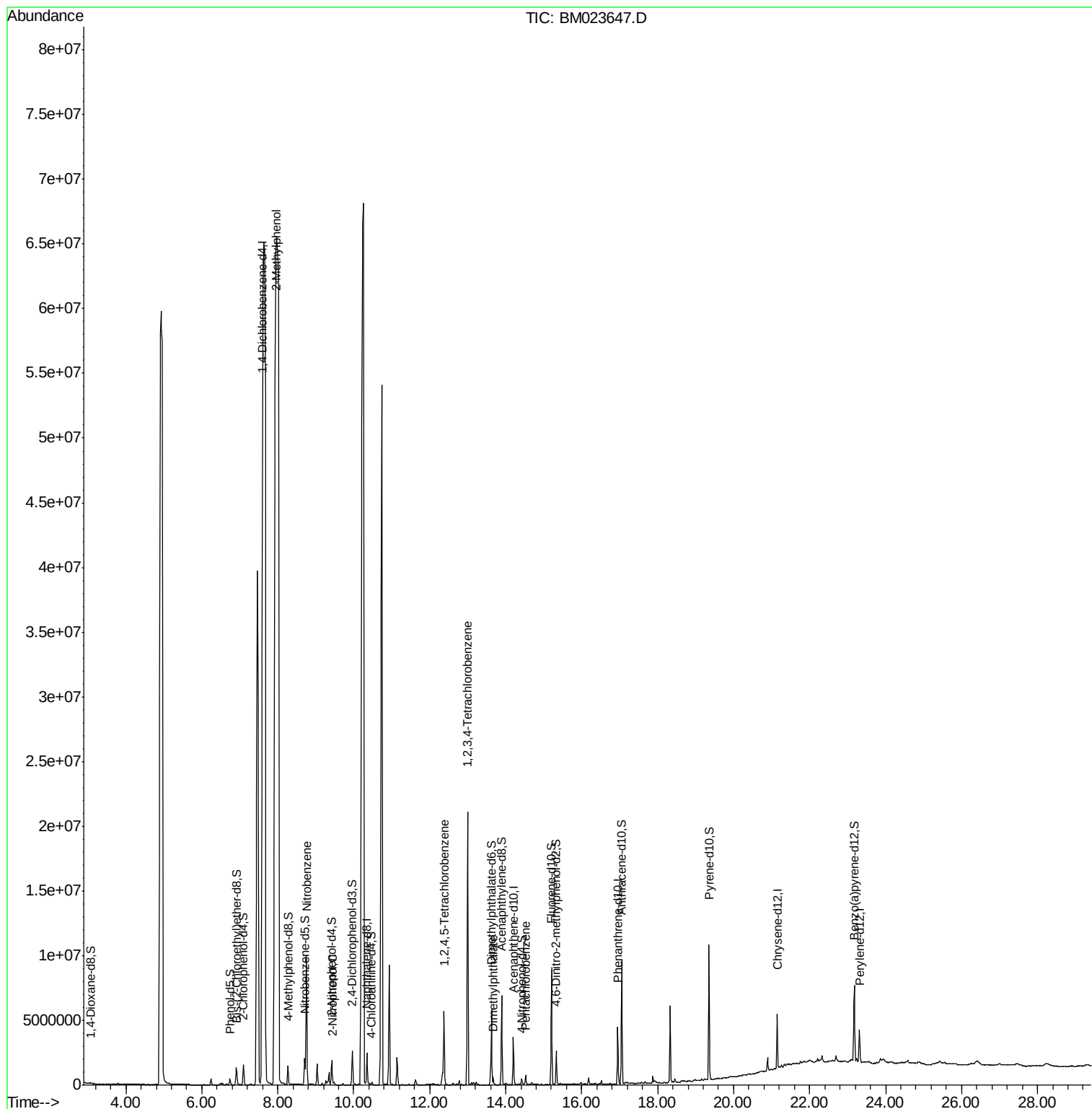
						Qvalue
11) 2-Methylphenol	7.96	108	582573	24.528	ng/ul	98
20) Nitrobenzene	8.76	77	5970462	176.800	ng/ul	93
23) 2-Nitrophenol	9.45	139	51681	3.461	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	1959960	50.270	ng/ul	99
45) Dimethylphthalate	13.67	163	228578	2.507	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	6999465	188.541	ng/uL	99
74) Pentachlorobenzene	14.53	250	191267	4.663	ng/uL	99

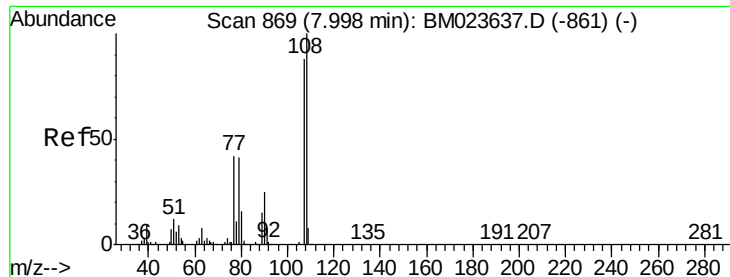
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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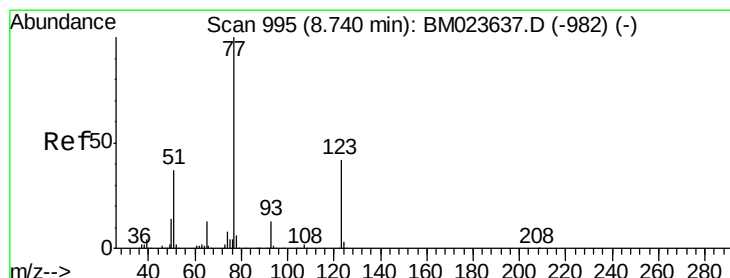
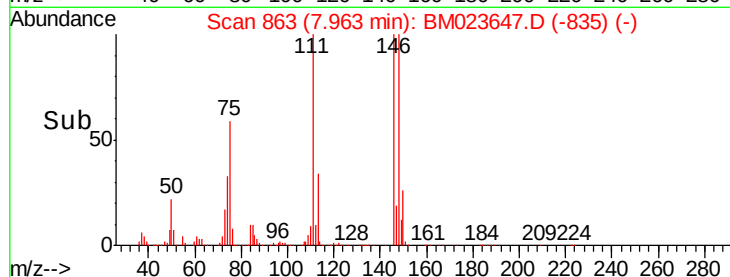
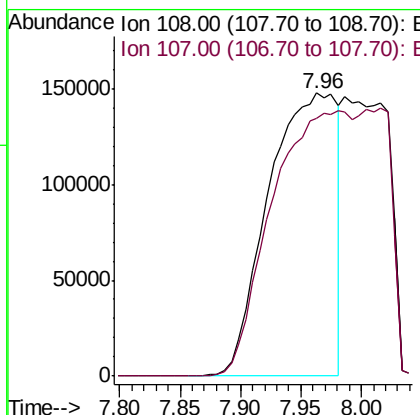
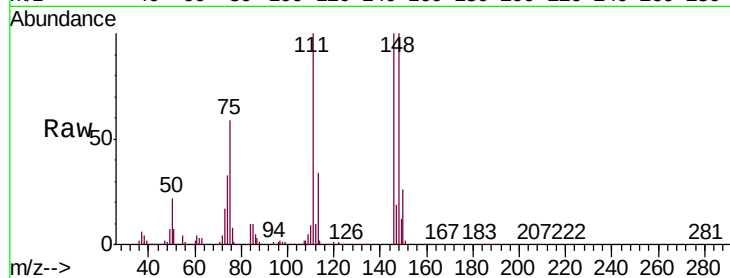




#11
2-Methylphenol
Concen: 24.528 ng/ul
RT: 7.96 min Scan# 863
Delta R.T. -0.04 min
Lab File: BM023647.D
Acq: 11 Nov 2019 21:29

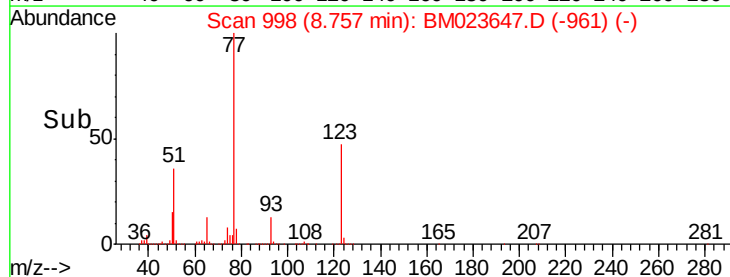
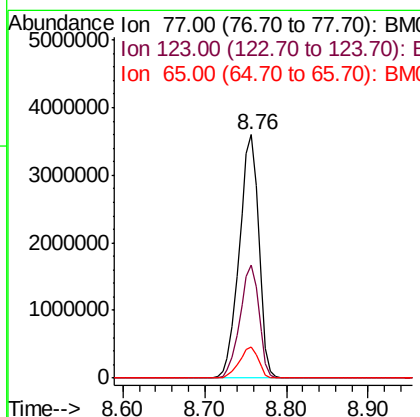
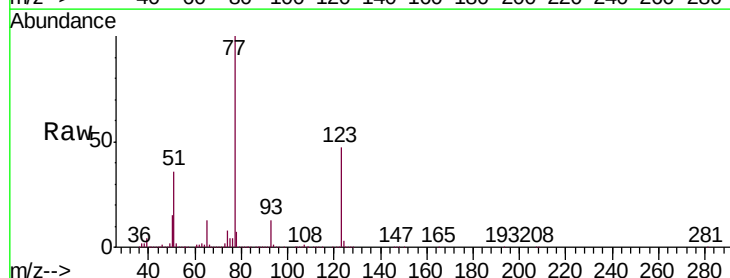
Instrument :
BNA_M
ClientSampleId :
C0CP6

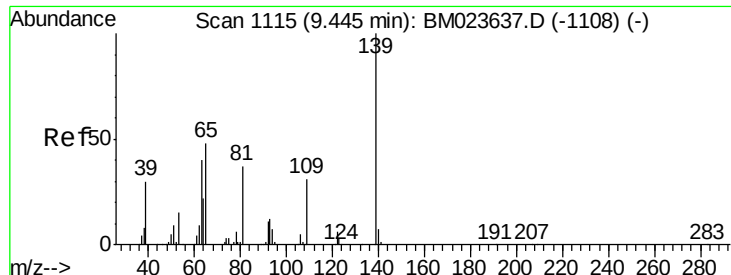
Tgt Ion:108 Resp: 582573
Ion Ratio Lower Upper
108 100
107 91.2 71.4 107.2



#20
Nitrobenzene
Concen: 176.800 ng/ul
RT: 8.76 min Scan# 998
Delta R.T. 0.02 min
Lab File: BM023647.D
Acq: 11 Nov 2019 21:29

Tgt Ion: 77 Resp: 5970462
Ion Ratio Lower Upper
77 100
123 46.5 33.1 49.7
65 12.8 9.8 14.8

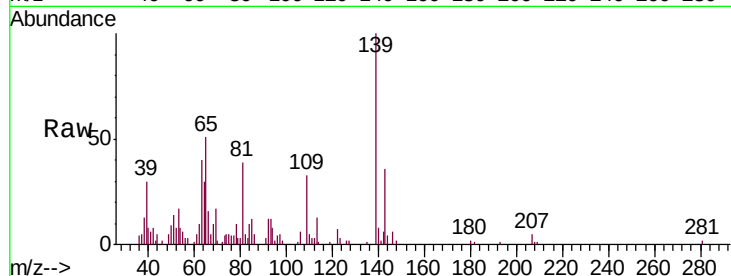




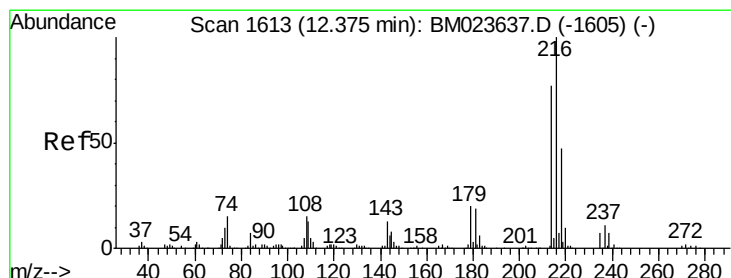
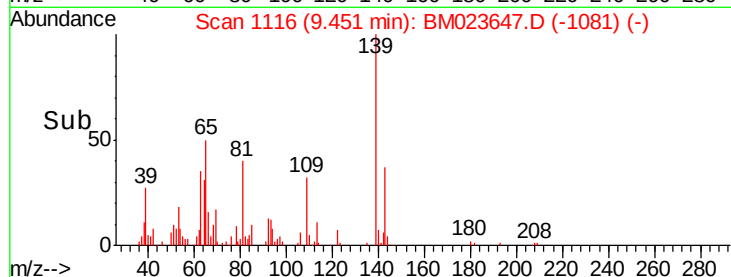
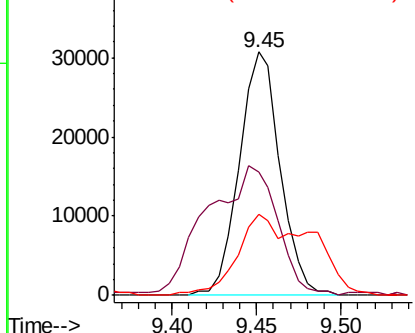
#23
2-Nitrophenol
Concen: 3.461 ng/ul
RT: 9.45 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BM023647.D
Acq: 11 Nov 2019 21:29

Instrument :
BNA_M
ClientSampleId :
C0CP6

Tgt Ion:139 Resp: 51681
Ion Ratio Lower Upper
139 100
65 50.7 41.7 62.5
109 33.2 26.1 39.1

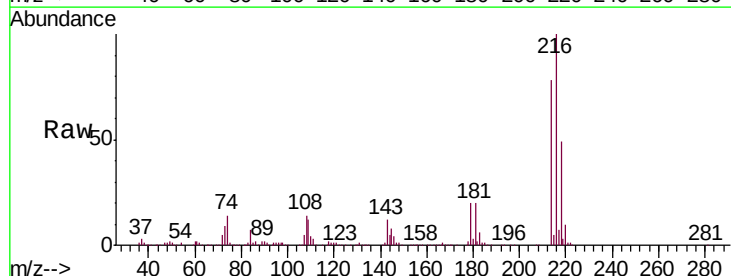


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

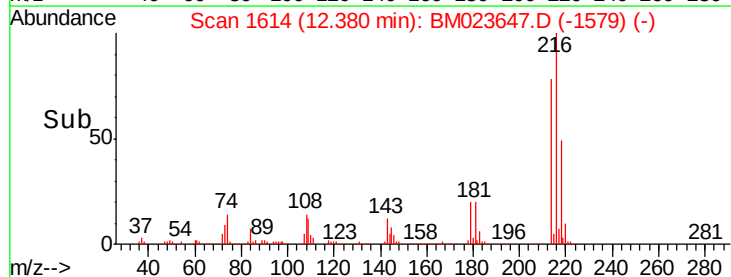
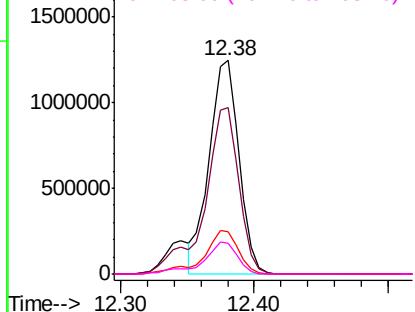


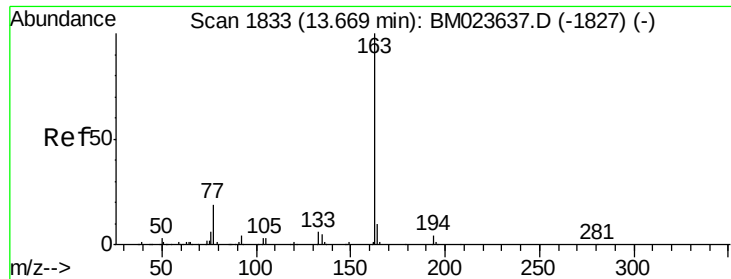
#37
1,2,4,5-Tetrachlorobenzene
Concen: 50.270 ng/ul
RT: 12.38 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BM023647.D
Acq: 11 Nov 2019 21:29

Tgt Ion:216 Resp: 1959960
Ion Ratio Lower Upper
216 100
214 77.8 61.7 92.5
179 19.9 16.5 24.7
108 14.1 12.7 19.1



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

Dimethylphthalate

Concen: 2.507 ng/uL

RT: 13.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM023647.D

Acq: 11 Nov 2019 21:29

Instrument :

BNA_M

ClientSampleId :

C0CP6

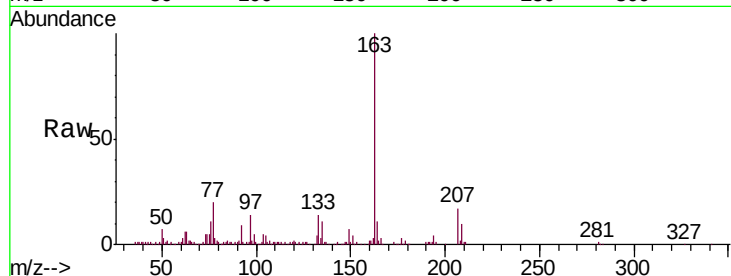
Tgt Ion:163 Resp: 228578

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

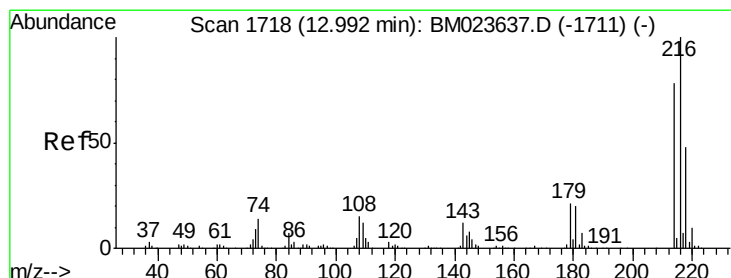
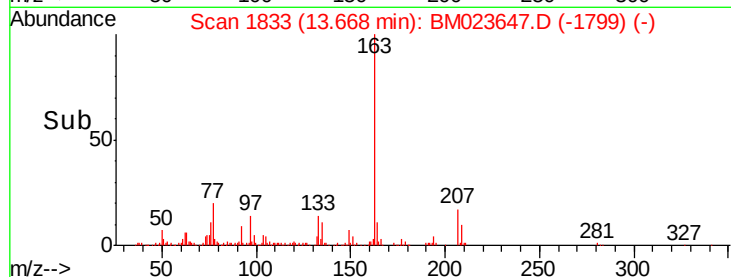
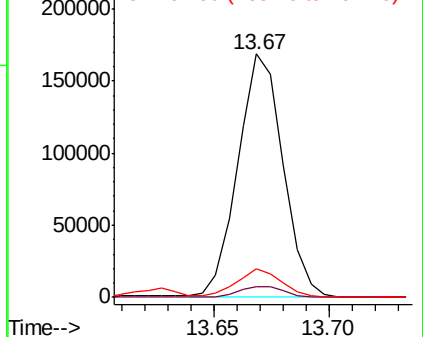
164 11.5 8.0 12.0



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: 188.541 ng/uL

RT: 13.00 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BM023647.D

Acq: 11 Nov 2019 21:29

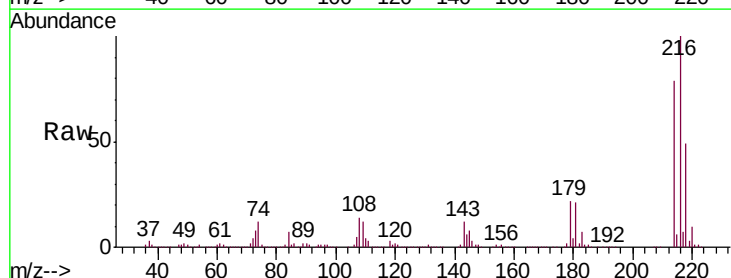
Tgt Ion:216 Resp: 6999465

Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

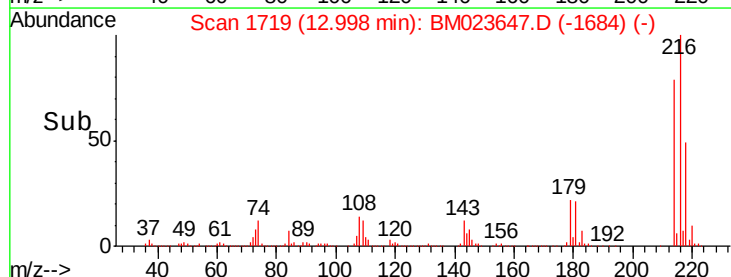
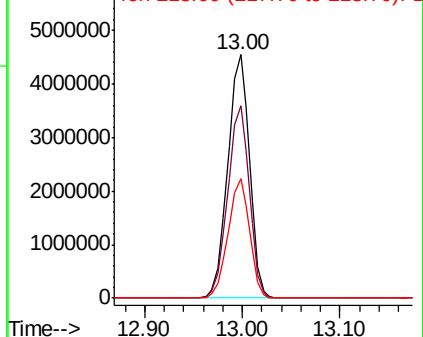
218 48.9 38.6 57.8

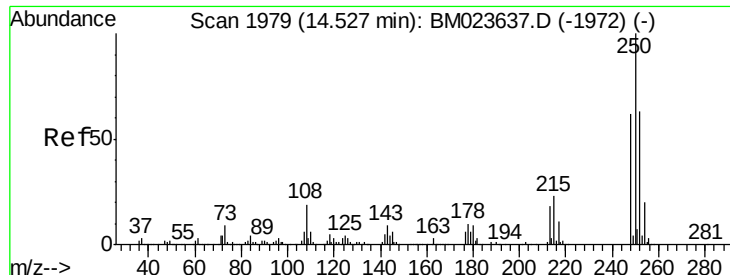


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.663 ng/uL

RT: 14.53 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BM023647.D

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C0CP6

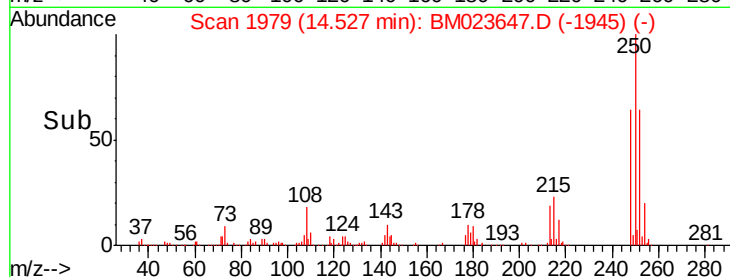
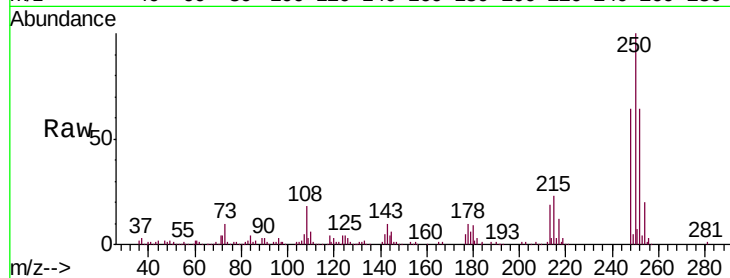
Tgt Ion:250 Resp: 191267

Ion Ratio Lower Upper

250 100

248 64.1 50.4 75.6

252 64.5 51.0 76.4



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

