

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029828.D
 Acq On : 05 May 2021 15:55
 Operator : CG/JU
 Sample : M2144-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GH5

Quant Time: May 05 16:26:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 04 14:23:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	104740	20.00	ng/ul	0.03
20) Naphthalene-d8	10.35	136	342611	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	191744	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	380845	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	407235	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	464616	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	6534	2.31	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.76	99	55942	6.15	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	182551	32.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	186088	25.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	98804	13.61	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	104107	40.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	108399	39.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	176022	33.87	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	6176	0.82	ng/ul	0.01
46) Dimethylphthalate-d6	13.63	166	579967	40.49	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	785729	41.95	ng/ul	0.00
54) 4-Nitrophenol-d4	14.48	143	2760	1.25	ng/ul	0.04
60) Fluorene-d10	15.21	176	514754	42.24	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	65595	25.66	ng/ul	0.00
73) Anthracene-d10	17.06	188	804958	42.74	ng/ul	0.00
81) Pyrene-d10	19.36	212	936232	44.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	1130969	43.35	ng/ul	0.00

Target Compounds

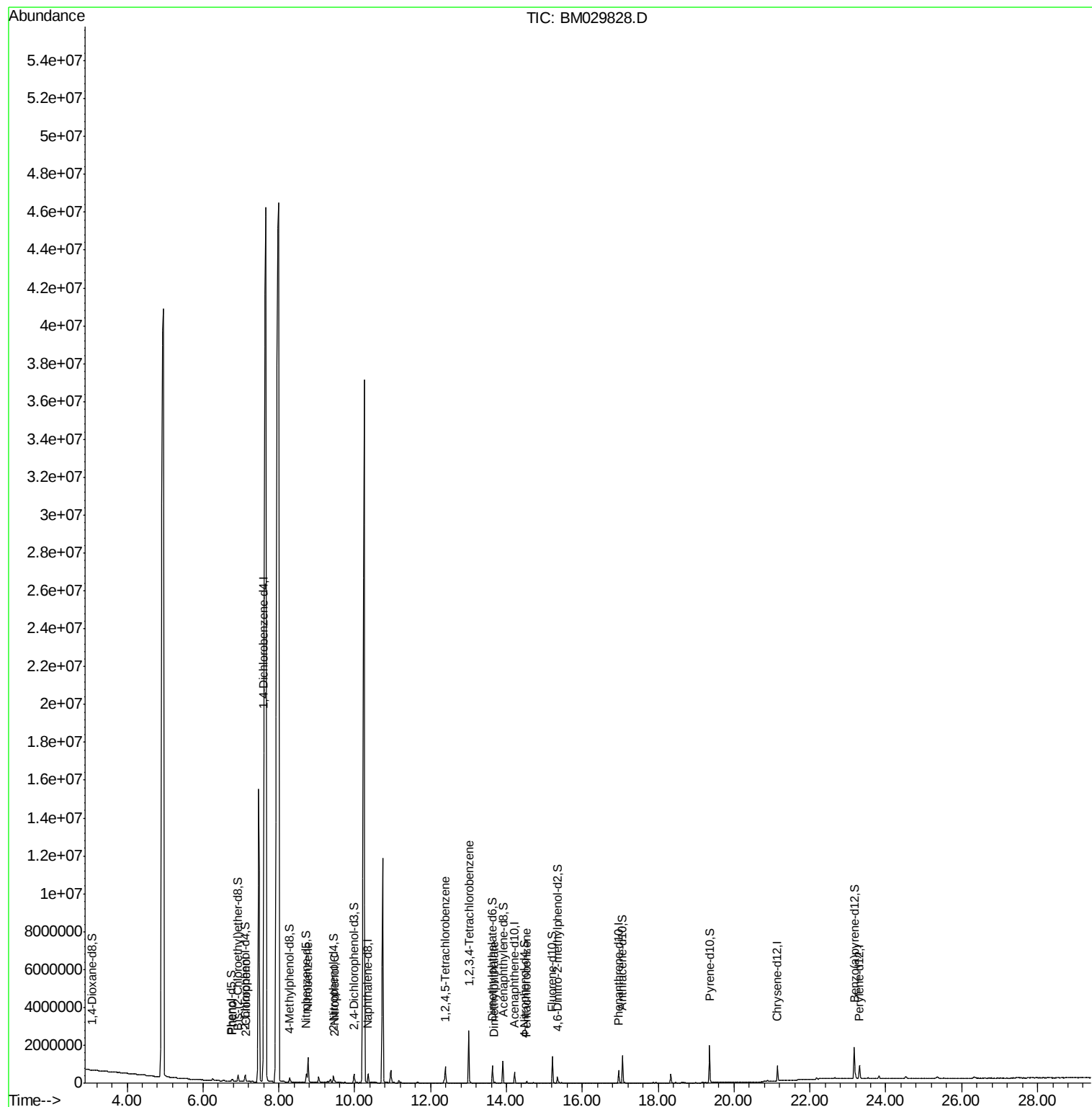
					Ovalue
8) Phenol	6.79	94	39049	4.220	ng/ul 95
12) 2-Chlorophenol	7.14	128	7515	1.027	ng/ul 96
22) Nitrobenzene	8.77	77	749807	117.153	ng/ul 99
25) 2-Nitrophenol	9.47	139	3607	1.194	ng/ul# 88
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	285552	47.004	ng/ul 98
47) Dimethylphthalate	13.68	163	21181	1.482	ng/ul# 92
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	763555	116.634	ng/uL 99
76) Pentachlorobenzene	14.54	250	19836	3.318	ng/uL 94

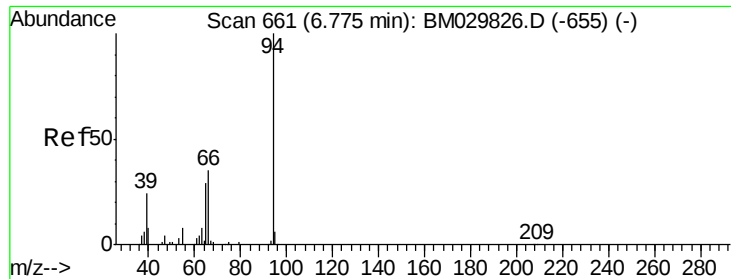
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Phenol

Concen: 4.220 ng/ul

RT: 6.79 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

Instrument :

BNA_M

ClientSampled :

C0GH5

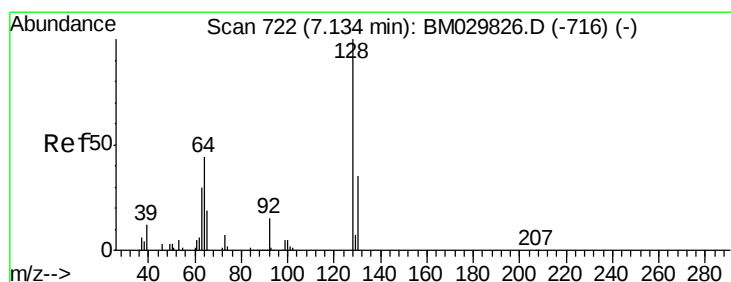
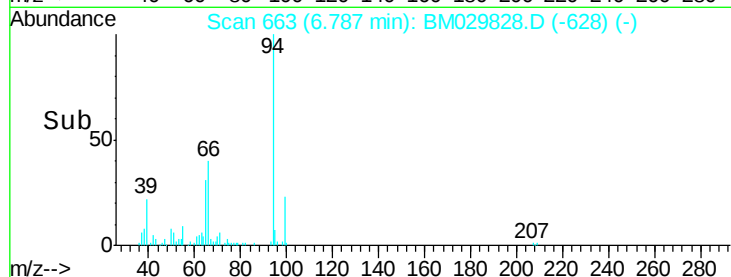
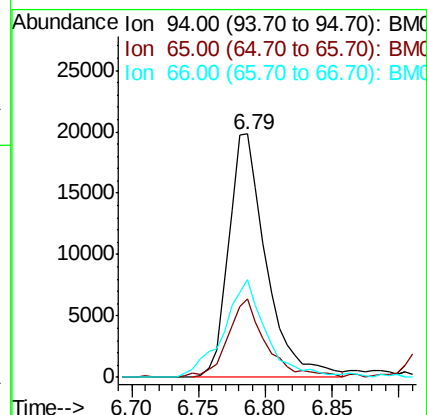
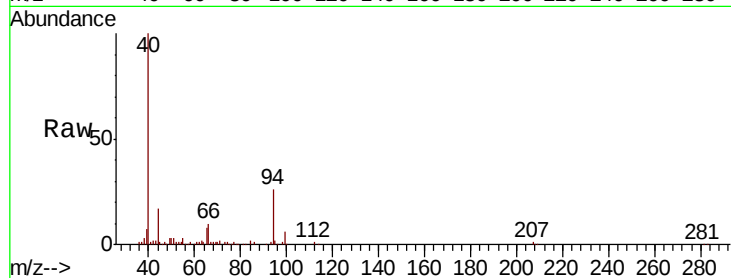
Tot Ion: 94 Resp: 39049

Ion Ratio Lower Upper

94 100

65 32.2 24.2 36.2

66 40.3 29.5 44.3



#12

2-Chlorophenol

Concen: 1.027 ng/ul

RT: 7.14 min Scan# 723

Delta R.T. 0.00 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

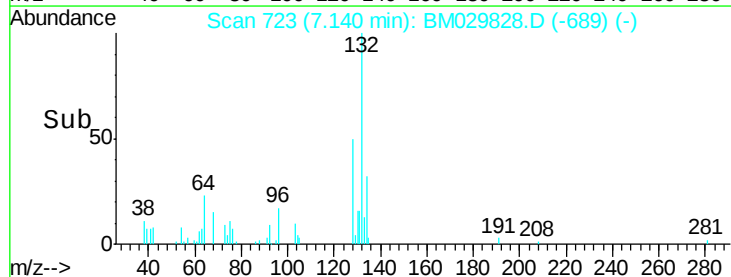
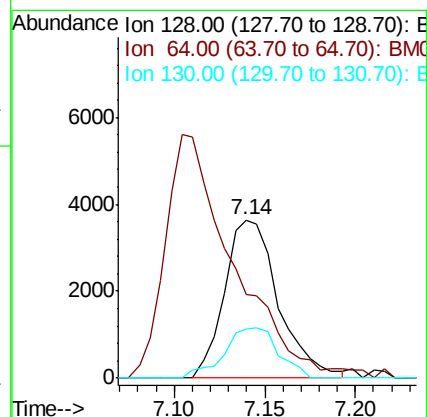
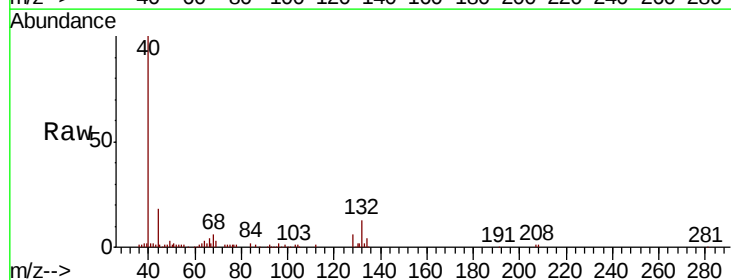
Tgt Ion: 128 Resp: 7515

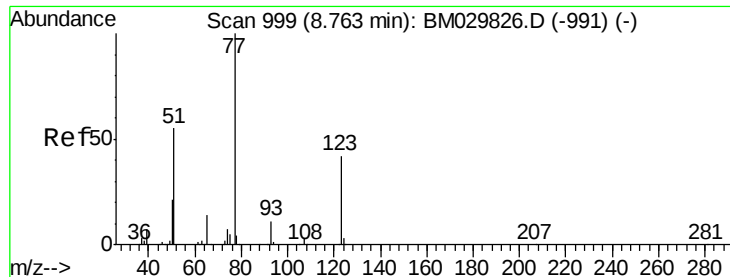
Ion Ratio Lower Upper

128 100

64 52.9 39.0 58.6

130 31.2 25.6 38.4





#22

Nitrobenzene

Concen: 117.153 ng/ul

RT: 8.77 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

Instrument :

BNA_M

ClientSampled :

C0GH5

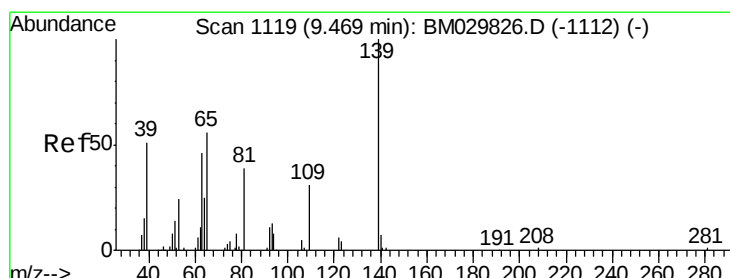
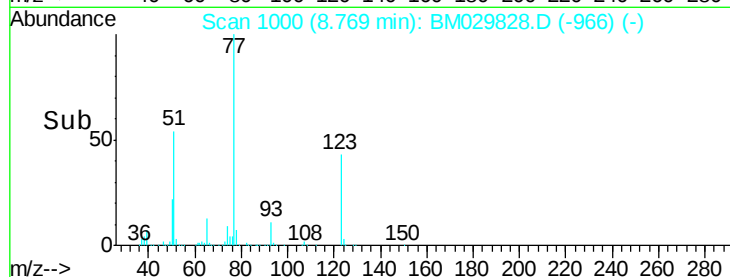
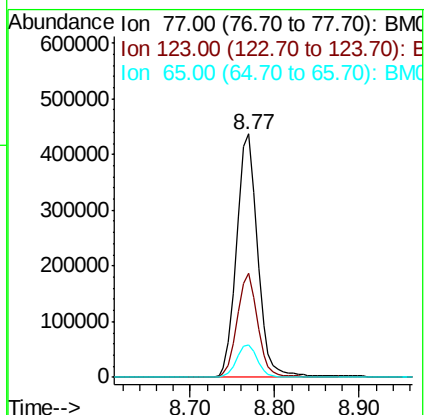
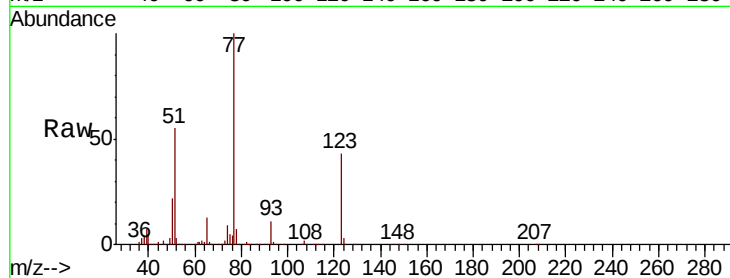
Tot Ion: 77 Resp: 749807

Ion Ratio Lower Upper

77 100

123 43.0 35.0 52.6

65 13.3 10.8 16.2



#25

2-Nitrophenol

Concen: 1.194 ng/ul

RT: 9.47 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

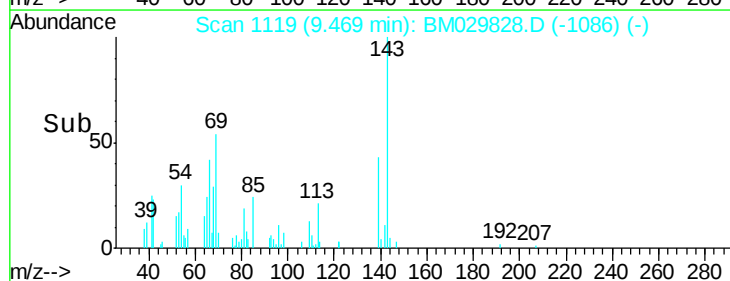
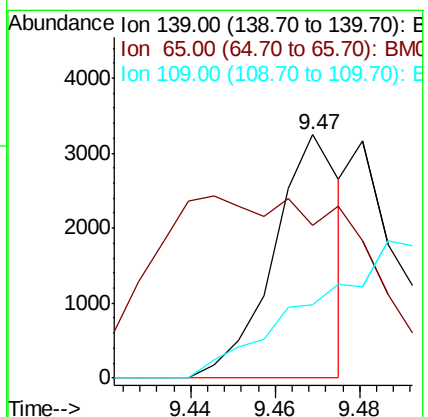
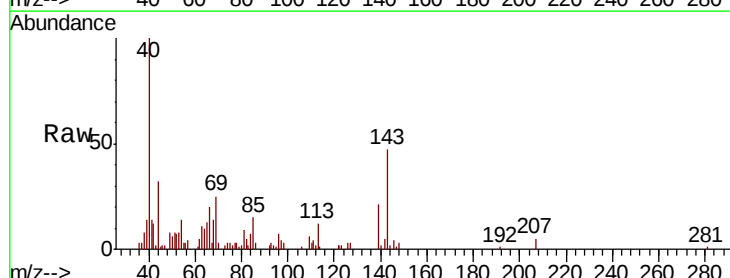
Tgt Ion: 139 Resp: 3607

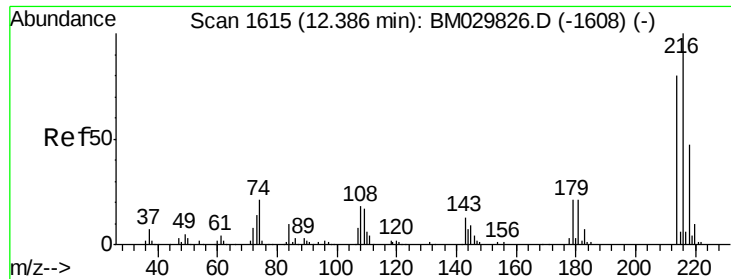
Ion Ratio Lower Upper

139 100

65 62.7 41.4 62.0#

109 30.1 22.4 33.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.004 ng/ul

RT: 12.39 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

Instrument :

BNA_M

ClientSampled :

C0GH5

Tot Ion:216 Resp: 285552

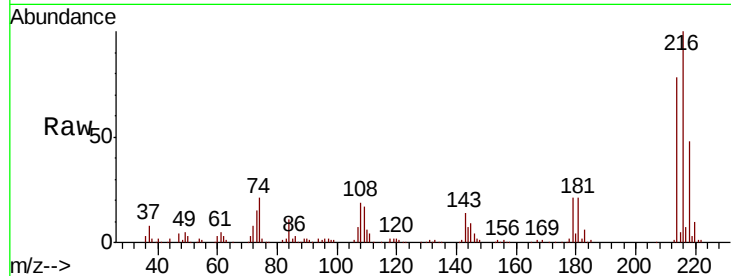
Ion Ratio Lower Upper

216 100

214 78.5 61.5 92.3

179 21.3 16.1 24.1

108 18.8 14.6 22.0

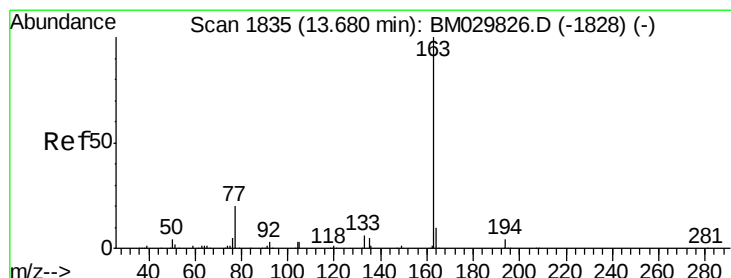
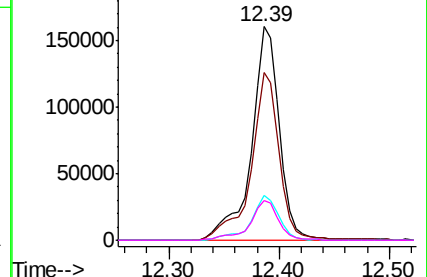
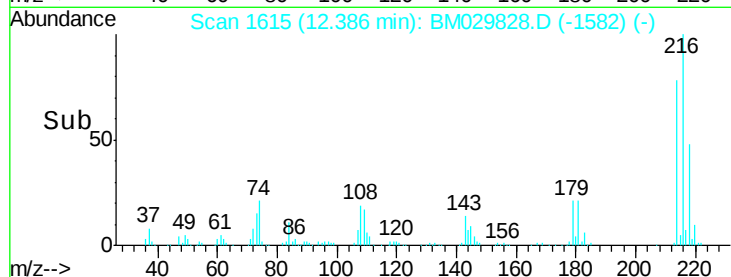


Abundance Ion 216.00 (215.70 to 216.70): E

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



#47

Dimethylphthalate

Concen: 1.482 ng/ul

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

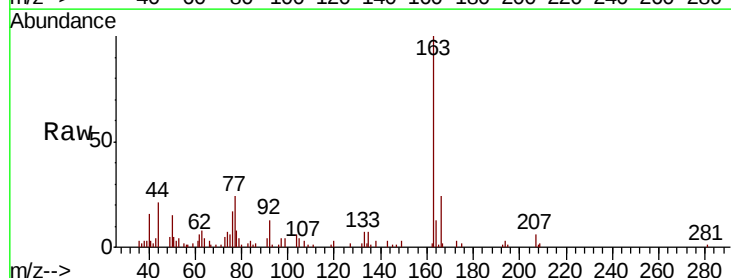
Tgt Ion:163 Resp: 21181

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.0#

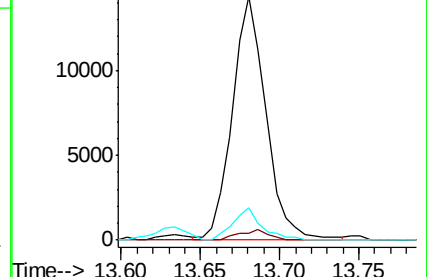
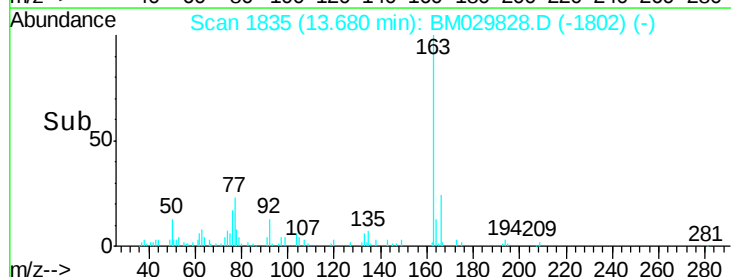
164 13.3 7.9 11.9#

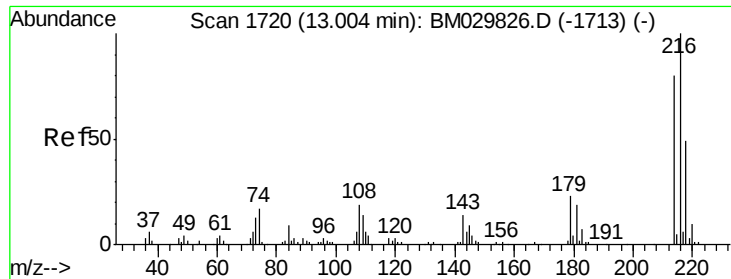


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 116.634 ng/uL

RT: 13.00 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

Instrument :

BNA_M

ClientSampleId :

C0GH5

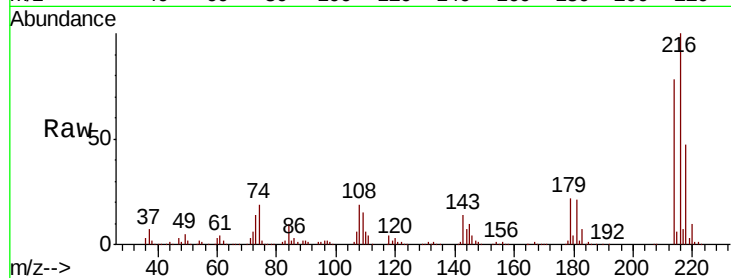
Tot Ion:216 Resp: 763555

Ion Ratio Lower Upper

216 100

214 77.9 61.8 92.8

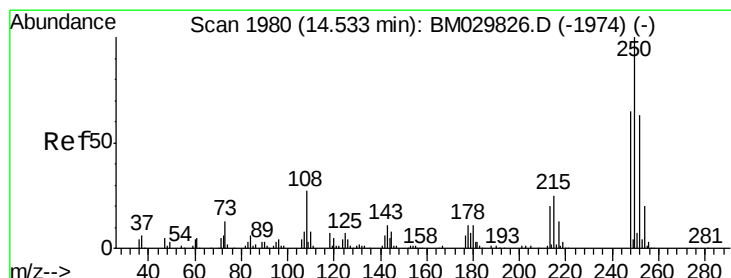
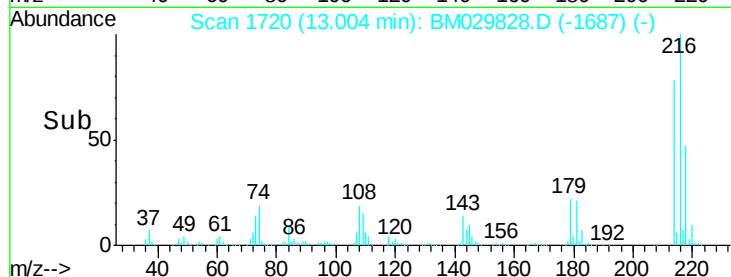
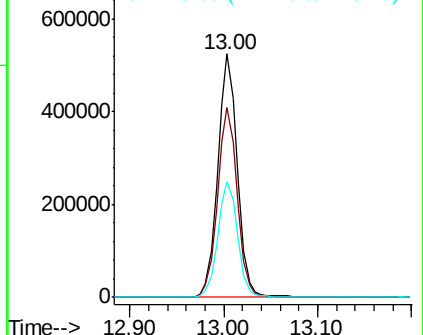
218 47.5 39.2 58.8



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



#76

Pentachlorobenzene

Concen: 3.318 ng/uL

RT: 14.54 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM029828.D

Acq: 05 May 2021 15:55

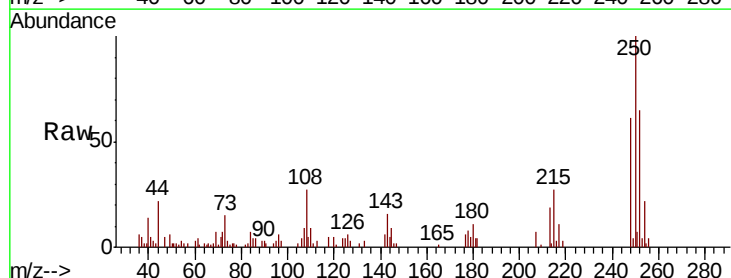
Tgt Ion:250 Resp: 19836

Ion Ratio Lower Upper

250 100

248 60.7 49.9 74.9

252 69.0 49.3 73.9



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

