

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
 Data File : BM029777.D
 Acq On : 02 May 2021 10:28
 Operator : CG/JU
 Sample : M2144-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GH5

Quant Time: May 03 02:59:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 01 16:23:05 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	55043	20.00	ng/ul	0.03
20) Naphthalene-d8	10.36	136	171700	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	118718	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	266397	20.00	ng/ul	-0.01
79) Chrysene-d12	21.15	240	323844	20.00	ng/ul	0.00
88) Perylene-d12	23.31	264	371816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	5511	4.89	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.76	99	24783	6.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	62967	32.44	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	91399	27.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	49538	15.60	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	52848	42.27	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	64750	40.90	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	123581	37.36	ng/ul	0.00
31) 4-Chloroaniline-d4	10.51	131	3612	0.97	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	383459	40.77	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	488572	42.14	ng/ul	0.00
54) 4-Nitrophenol-d4	14.47	143	3347	2.69	ng/ul	0.02
60) Fluorene-d10	15.22	176	349186	42.93	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	65713	33.93	ng/ul	0.00
73) Anthracene-d10	17.06	188	574021	42.75	ng/ul	0.00
81) Pyrene-d10	19.36	212	751986	45.47	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	945102	44.30	ng/ul	0.00

Target Compounds

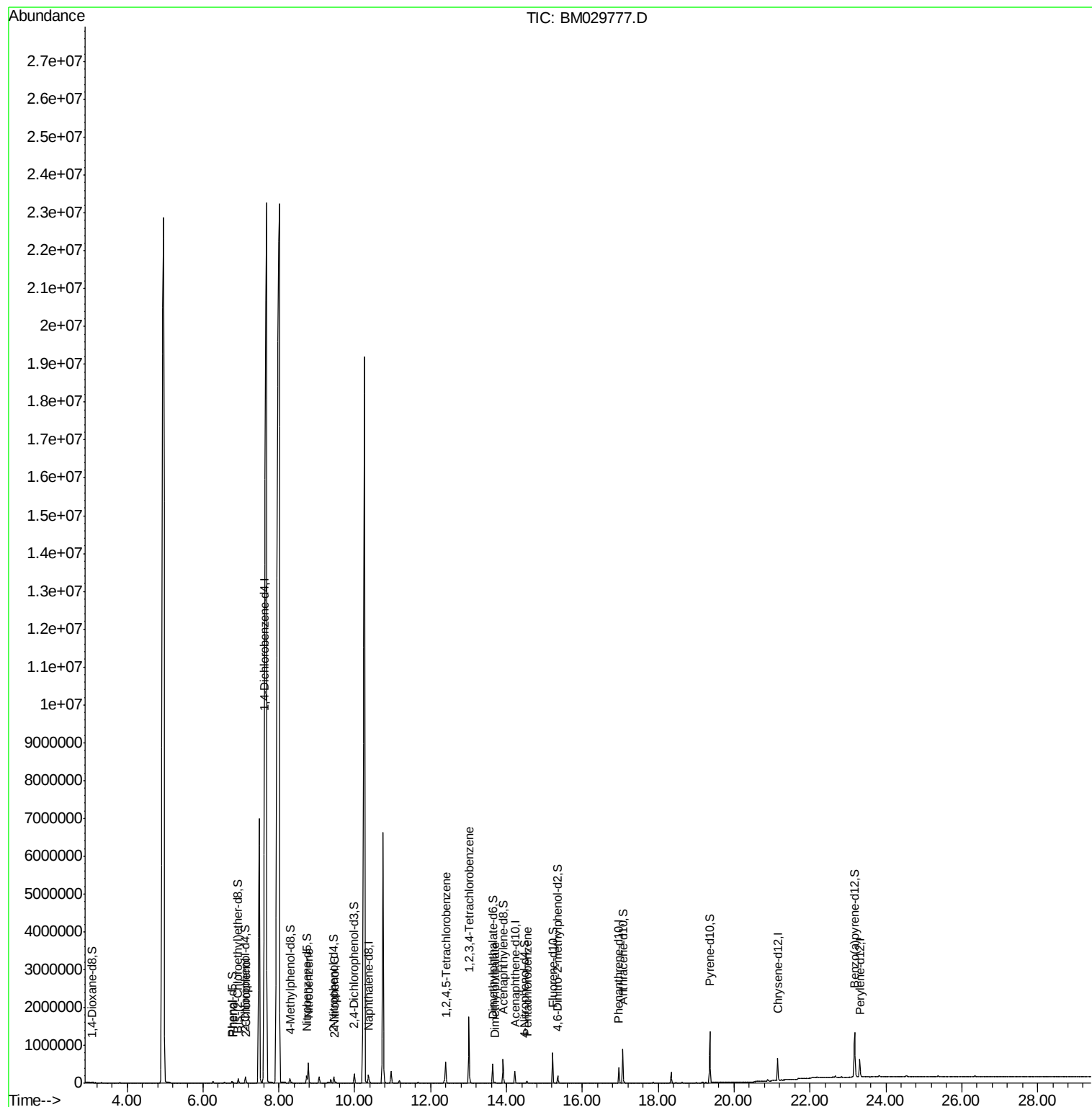
					Ovalue	
8) Phenol	6.79	94	16487	4.488	ng/ul	94
12) 2-Chlorophenol	7.15	128	3397	1.018	ng/ul#	79
22) Nitrobenzene	8.77	77	304687	110.318	ng/ul	97
25) 2-Nitrophenol	9.48	139	3345	2.036	ng/ul	90
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	242450	52.403	ng/ul	98
47) Dimethylphthalate	13.69	163	13472	1.477	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	632976	127.766	ng/uL	99
76) Pentachlorobenzene	14.54	250	16787	3.618	ng/uL	98

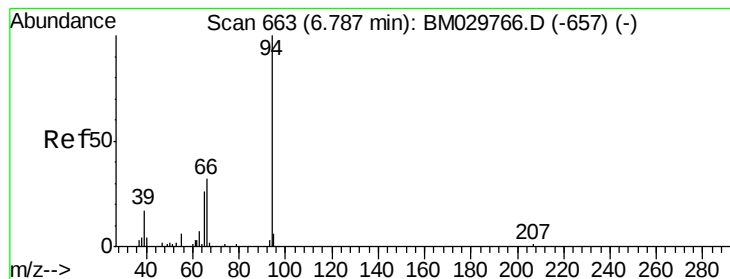
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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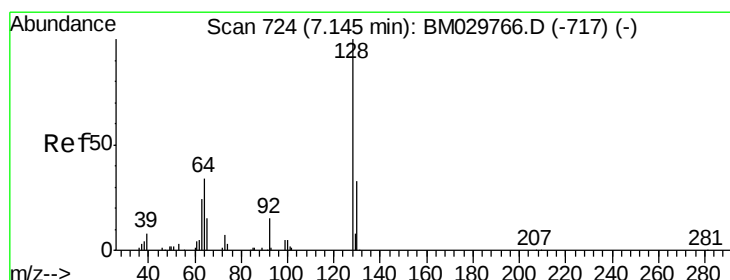
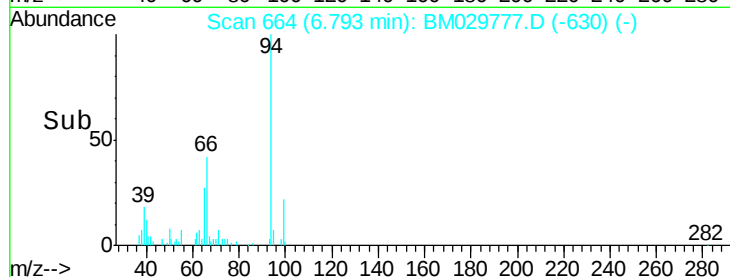
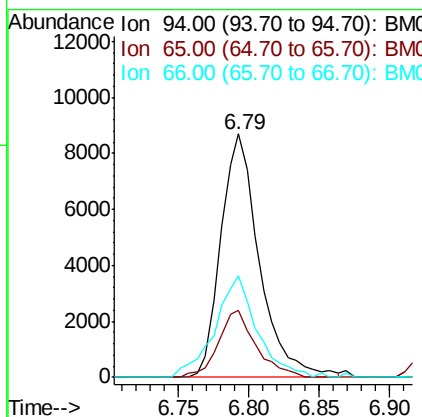
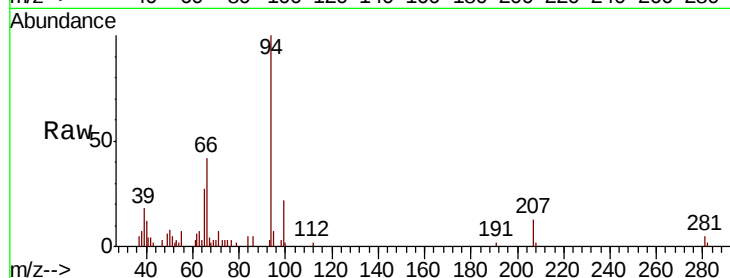
#8

Phenol

Concen: 4.488 ng/ul
 RT: 6.79 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM029777.D
 Acq: 02 May 2021 10:28

Instrument :
 BNA_M
 ClientSampled :
 C0GH5

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.3	21.4	32.2
66	41.7	29.0	43.4

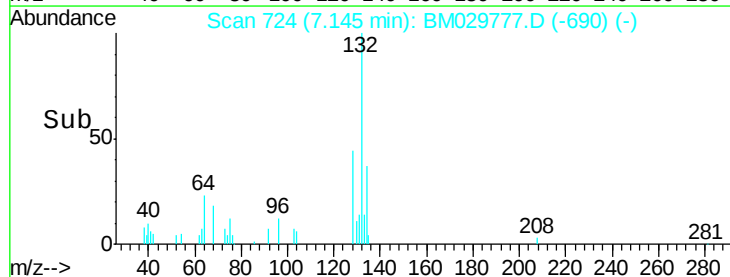
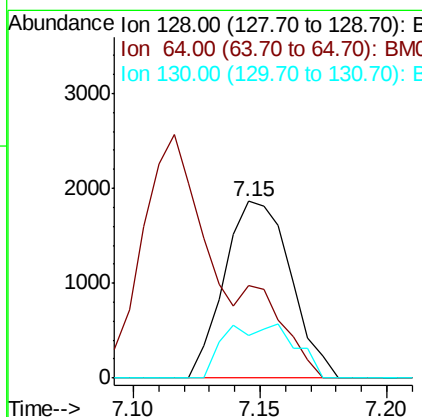
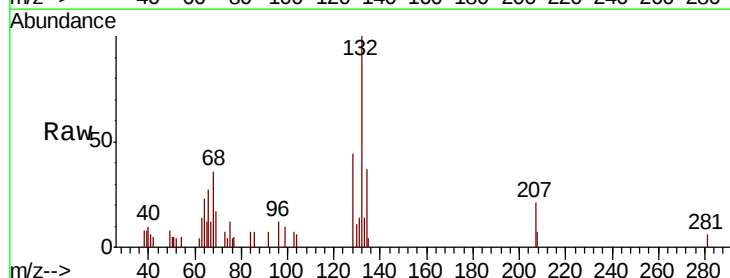


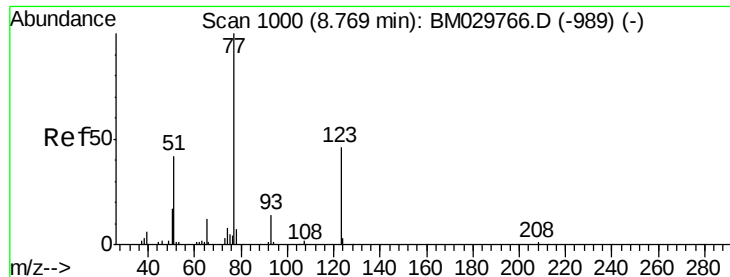
#12

2-Chlorophenol

Concen: 1.018 ng/ul
 RT: 7.15 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BM029777.D
 Acq: 02 May 2021 10:28

Tgt Ion	Ratio	Lower	Upper
128	100		
64	52.4	30.0	45.0#
130	24.4	27.1	40.7#





#22

Nitrobenzene

Concen: 110.318 ng/ul

RT: 8.77 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BM029777.D

Acq: 02 May 2021 10:28

Instrument :

BNA_M

ClientSampleId :

C0GH5

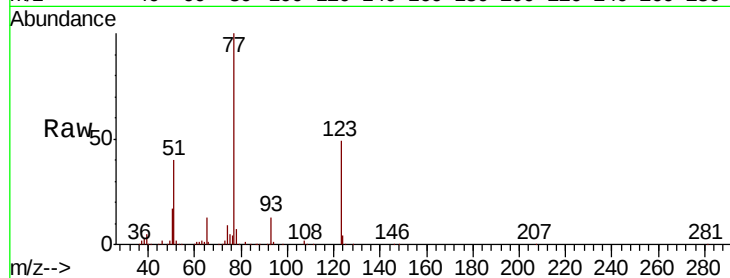
Tot Ion: 77 Resp: 304687

Ion Ratio Lower Upper

77 100

123 48.6 36.6 54.8

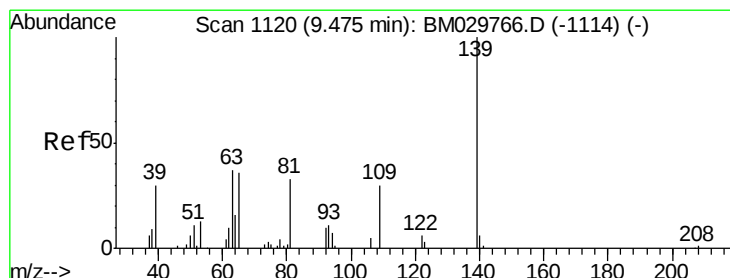
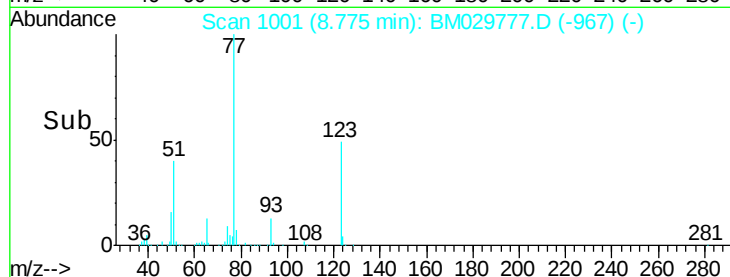
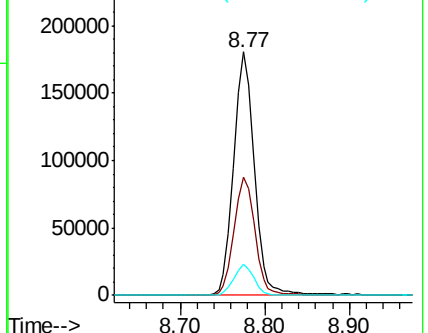
65 12.6 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BM029777.D (-967) (-)

Ion 123.00 (122.70 to 123.70): BM029777.D (-967) (-)

Ion 65.00 (64.70 to 65.70): BM029777.D (-967) (-)



#25

2-Nitrophenol

Concen: 2.036 ng/ul

RT: 9.48 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BM029777.D

Acq: 02 May 2021 10:28

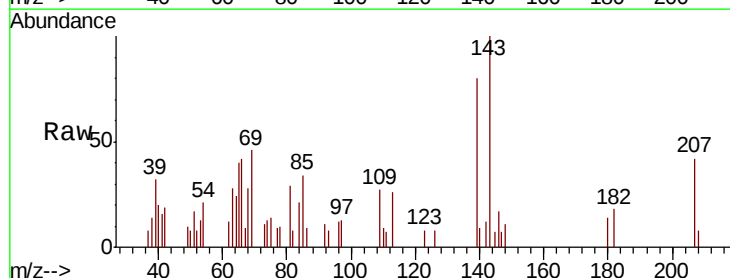
Tgt Ion: 139 Resp: 3345

Ion Ratio Lower Upper

139 100

65 49.6 34.6 52.0

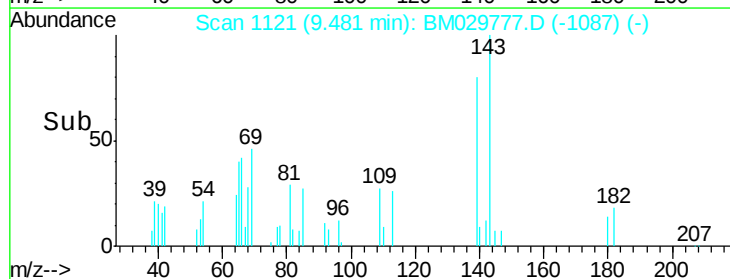
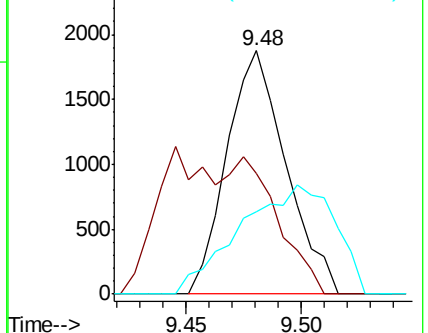
109 33.9 22.6 34.0

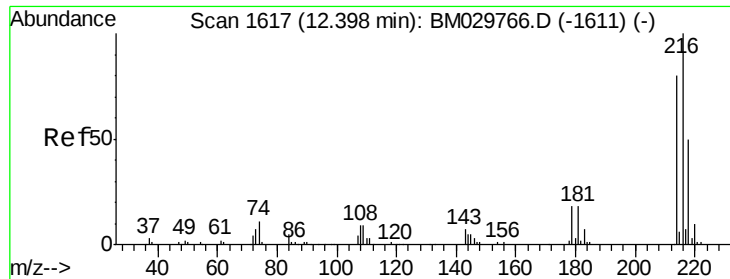


Abundance Ion 139.00 (138.70 to 139.70): BM029777.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM029777.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM029777.D (-1087) (-)





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.403 ng/ul

RT: 12.40 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM029777.D

Acq: 02 May 2021 10:28

Instrument :

BNA_M

ClientSampleId :

C0GH5

Tot Ion:216 Resp: 242450

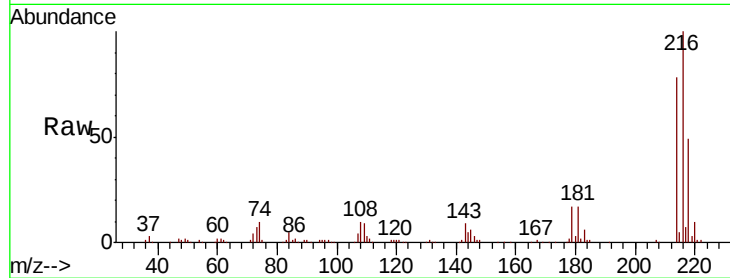
Ion Ratio Lower Upper

216 100

214 78.0 61.1 91.7

179 17.4 14.8 22.2

108 10.0 8.6 13.0

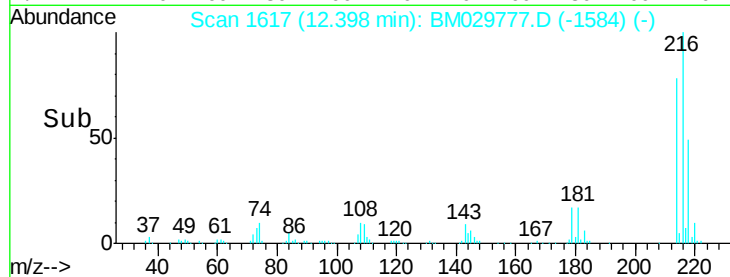


Abundance Ion 216.00 (215.70 to 216.70): E

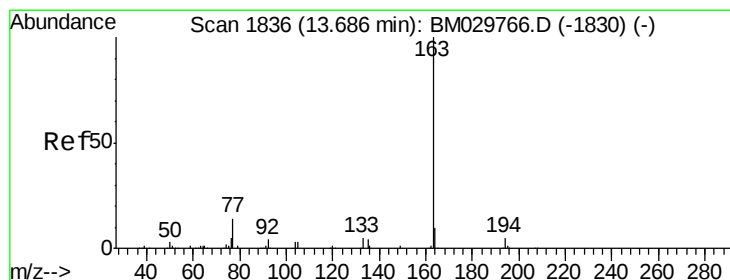
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#47

Dimethylphthalate

Concen: 1.477 ng/ul

RT: 13.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM029777.D

Acq: 02 May 2021 10:28

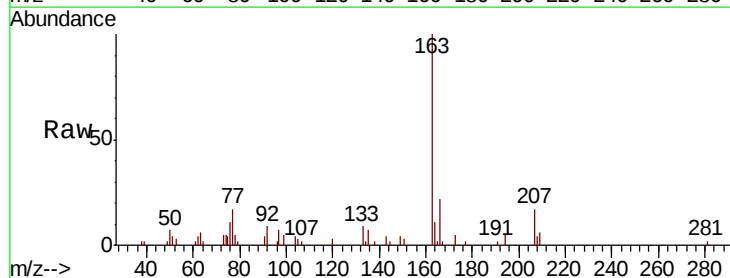
Tgt Ion:163 Resp: 13472

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

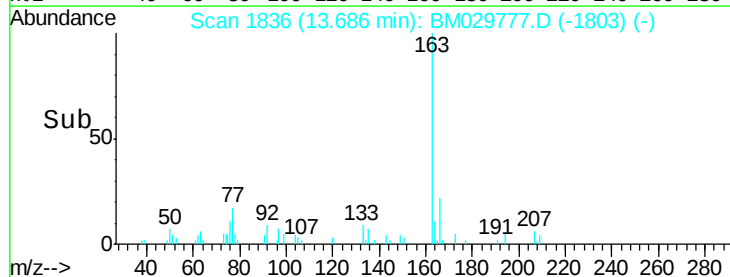
164 11.1 8.0 12.0



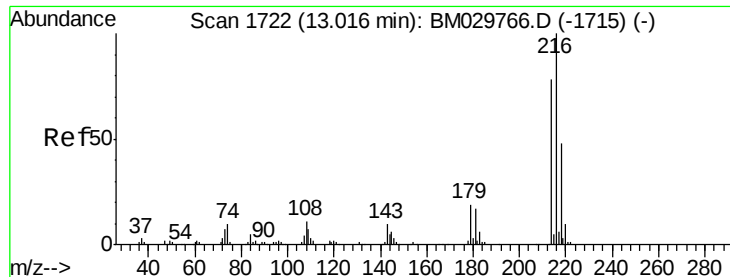
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#75

1,2,3,4-Tetrachlorobenzene

Concen: 127.766 ng/uL

RT: 13.01 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BM029777.D

Acq: 02 May 2021 10:28

Instrument :

BNA_M

ClientSampleId :

C0GH5

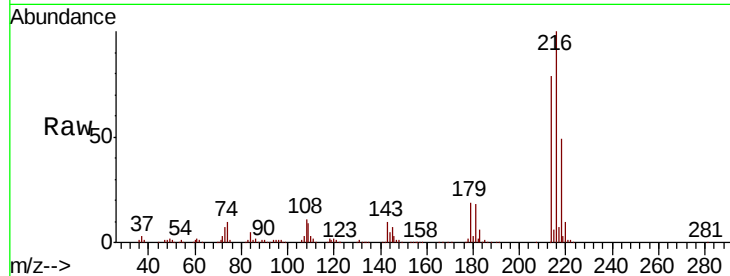
Tot Ion:216 Resp: 632976

Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

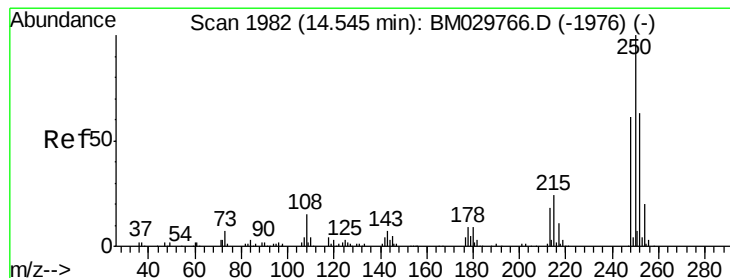
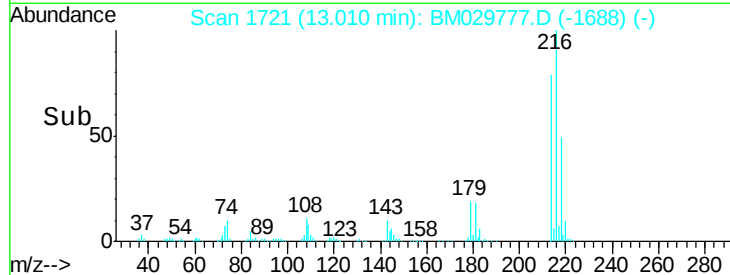
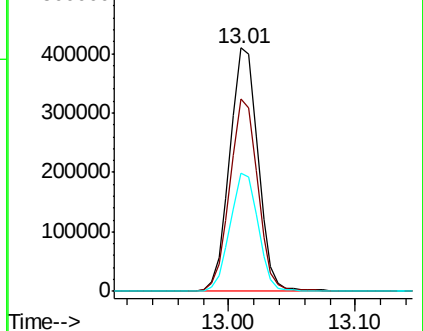
218 48.7 39.1 58.7



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: 3.618 ng/uL

RT: 14.54 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM029777.D

Acq: 02 May 2021 10:28

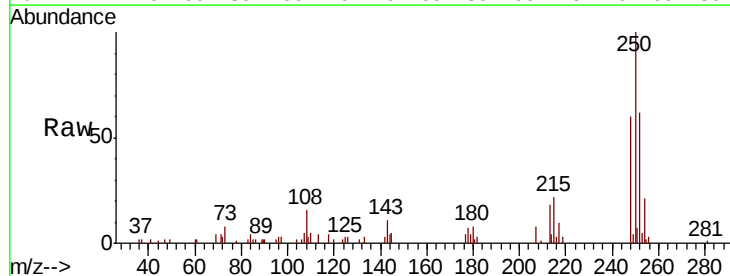
Tgt Ion:250 Resp: 16787

Ion Ratio Lower Upper

250 100

248 60.1 48.5 72.7

252 62.3 52.0 78.0



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

