

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014475.D
 Acq On : 01 Apr 2023 09:25
 Operator : CG/JU
 Sample : 02158-06
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PMW-5(20230329)

Quant Time: Apr 03 00:44:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

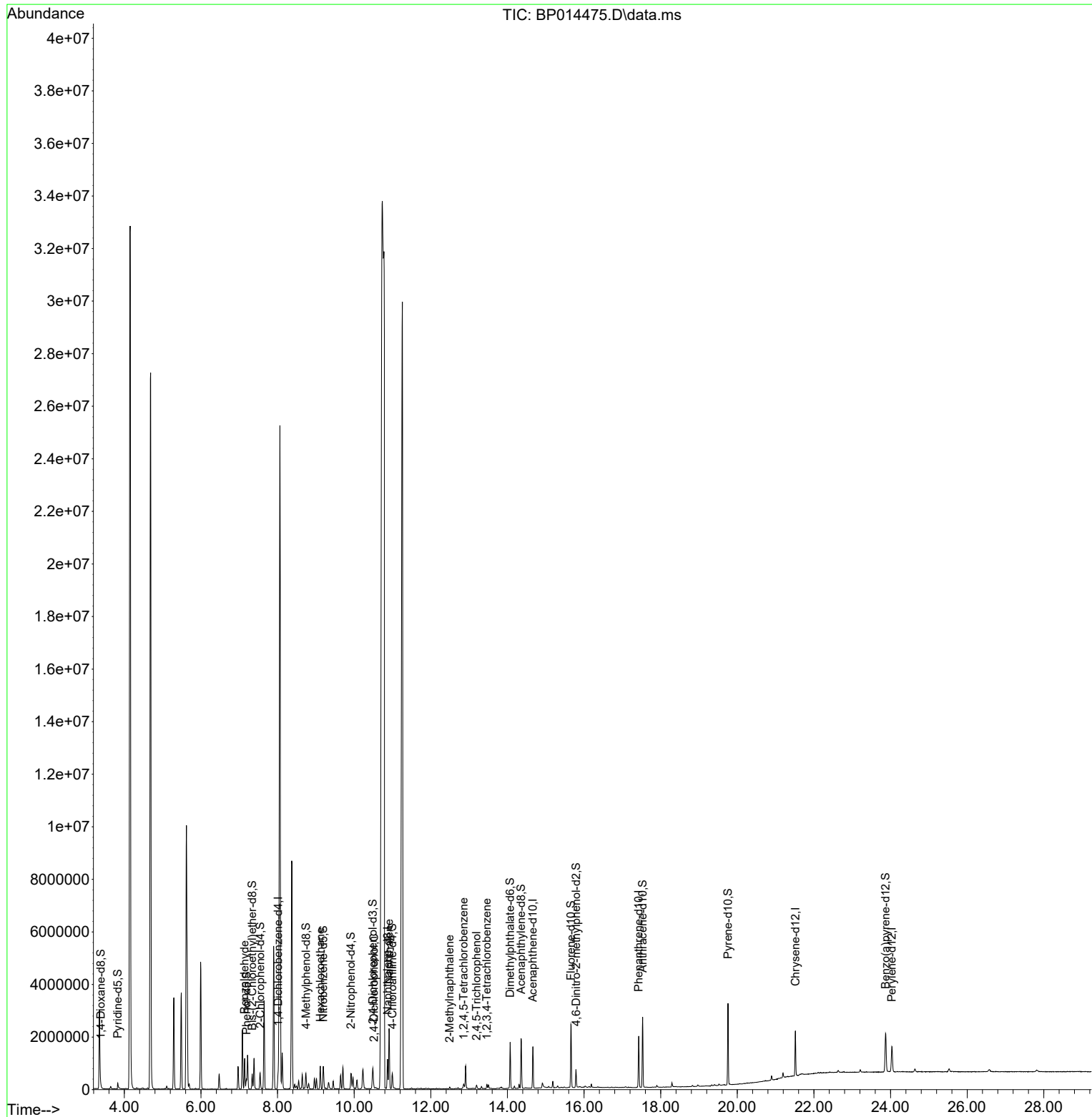
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	170702	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	693795	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.663	164	502826	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.427	188	1101555	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	820999	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	771544	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	20683	4.699	ng/uL	0.00
4) Pyridine-d5	3.828	84	129355	11.467	ng/u1	0.01
7) Phenol-d5	7.187	99	201816	12.819	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	245919	24.347	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	250412	22.007	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	221234	17.422	ng/u1	0.01
21) Nitrobenzene-d5	9.193	128	151348	27.022	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	174224	27.166	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	302784	25.923	ng/u1	0.03
31) 4-Chloroaniline-d4	10.992	131	301751	19.613	ng/u1	0.01
46) Dimethylphthalate-d6	14.069	166	1074591	26.357	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	1178884	26.059	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	223	0.036	ng/u1	-0.02
60) Fluorene-d10	15.657	176	899534	26.457	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	146171	18.034	ng/u1	0.00
73) Anthracene-d10	17.527	188	1425624	26.742	ng/u1	0.00
81) Pyrene-d10	19.757	212	1546858	28.050	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1090449	26.602	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.140	77	81193	10.376	ng/u1#	1
19) Hexachloroethane	9.116	117	71426	13.803	ng/u1#	3
29) 2,4-Dichlorophenol	10.516	162	12240	1.065	ng/u1#	74
30) Naphthalene	10.910	128	1565655	40.513	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	31759	1.213	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.857	216	51199	2.856	ng/u1	92
42) 2,4,5-Trichlorophenol	13.192	196	43176	3.656	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.463	216	33178	1.711	ng/uL	97

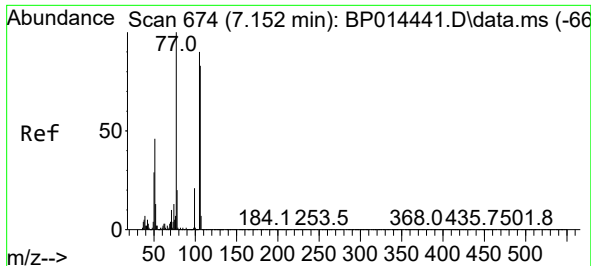
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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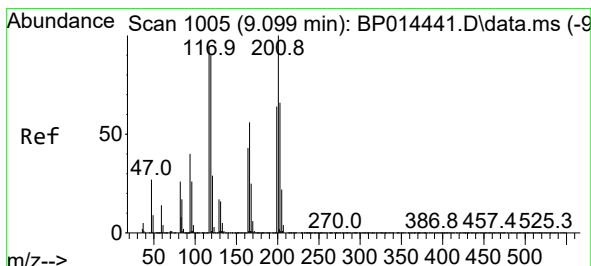
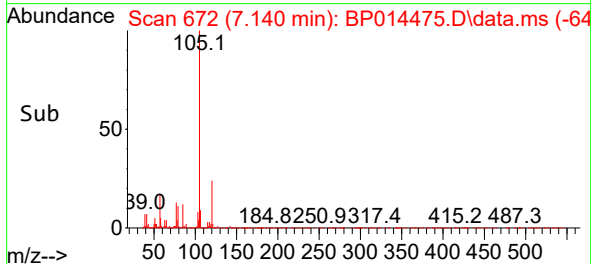
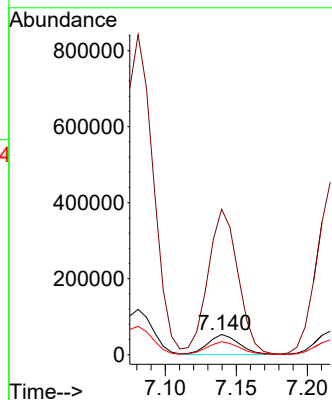
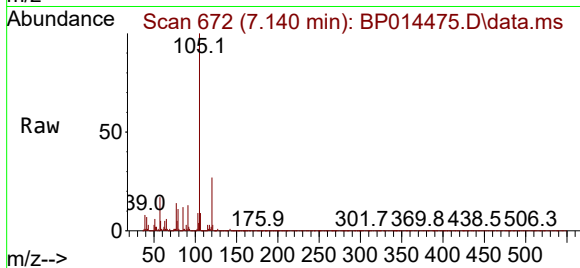




#6
Benzaldehyde
Concen: 10.376 ng/ul
RT: 7.140 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP014475.D
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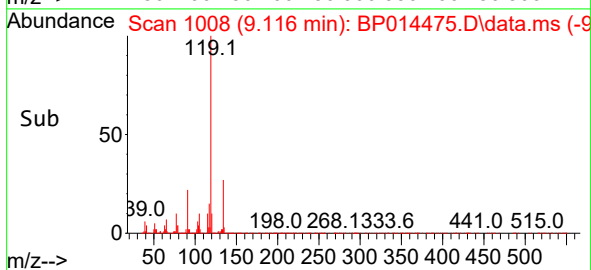
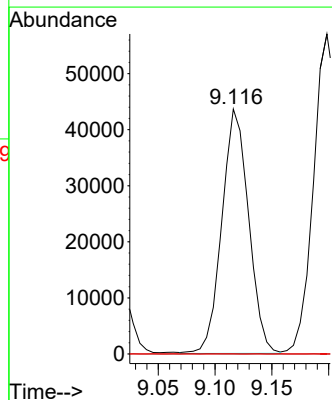
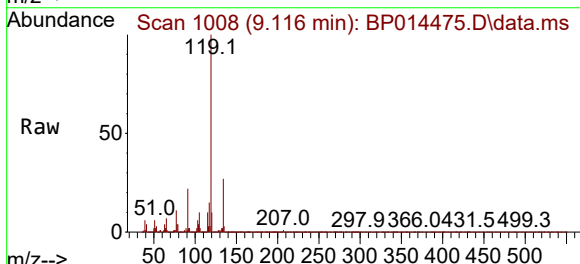
Instrument :
BNA_P
ClientSampleId :
PMW-5(20230329)

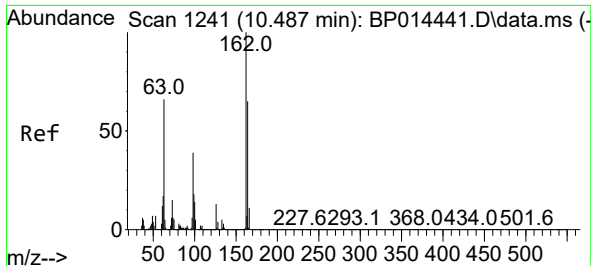
Tgt Ion: 77 Resp: 81193
Ion Ratio Lower Upper
77 100
105 718.5 70.6 105.8#
106 64.2 66.5 99.7#



#19
Hexachloroethane
Concen: 13.803 ng/ul
RT: 9.116 min Scan# 1008
Delta R.T. 0.017 min
Lab File: BP014475.D
Acq: 01 Apr 2023 09:25

Tgt Ion: 117 Resp: 71426
Ion Ratio Lower Upper
117 100
201 0.0 90.2 135.4#
199 0.0 54.2 81.2#





#29

2,4-Dichlorophenol

Concen: 1.065 ng/ul

RT: 10.516 min Scan# 11

Delta R.T. 0.029 min

Lab File: BP014475.D

Acq: 01 Apr 2023 09:25

Instrument :

BNA_P

ClientSampleId :

PMW-5(20230329)

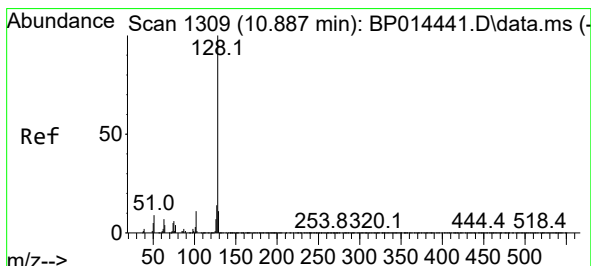
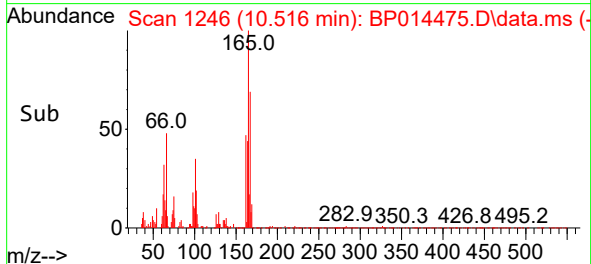
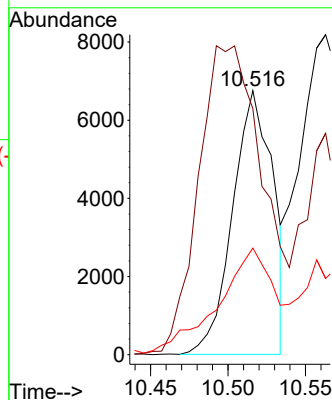
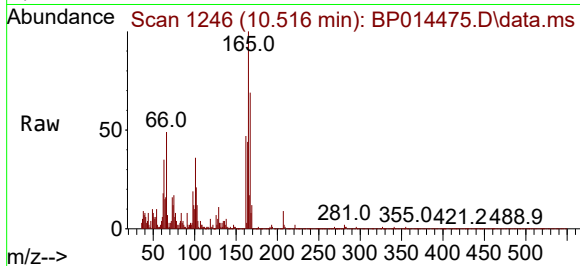
Tgt Ion:162 Resp: 12240

Ion Ratio Lower Upper

162 100

164 93.2 50.1 75.1#

98 40.4 30.6 45.8



#30

Naphthalene

Concen: 40.513 ng/ul

RT: 10.910 min Scan# 1313

Delta R.T. 0.023 min

Lab File: BP014475.D

Acq: 01 Apr 2023 09:25

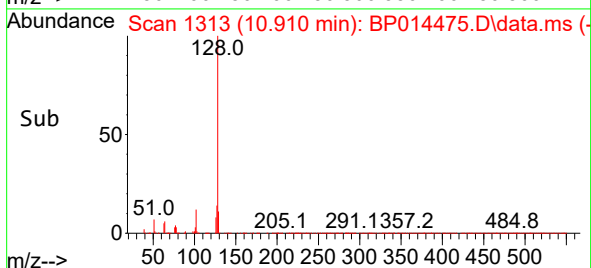
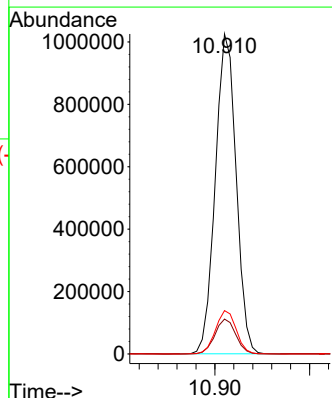
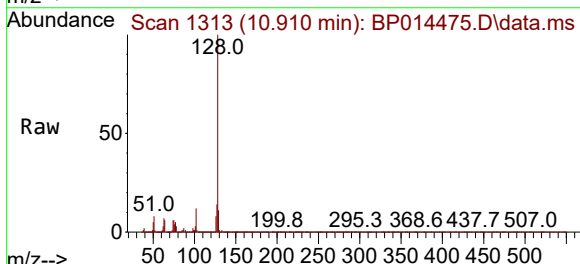
Tgt Ion:128 Resp: 1565655

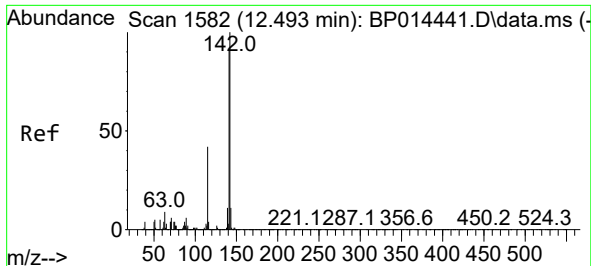
Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.6 11.0 16.6

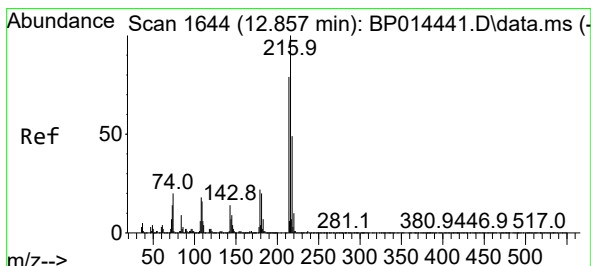
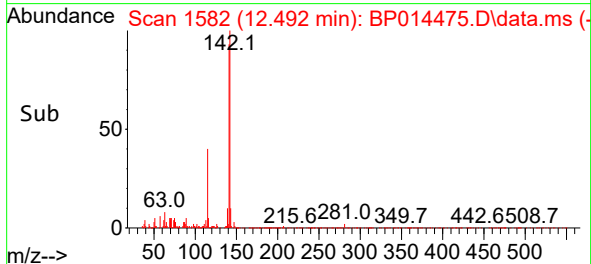
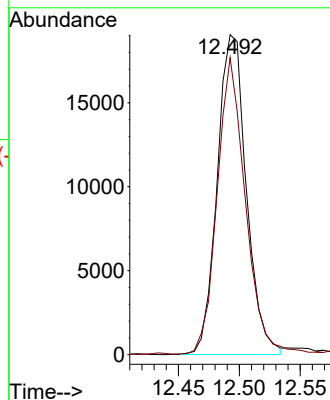
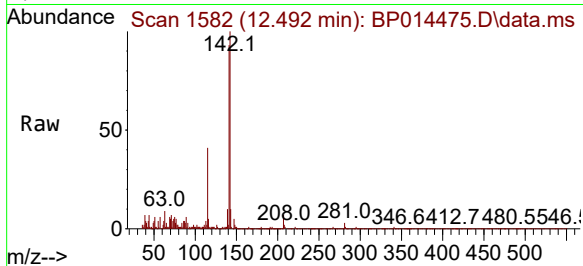




#36
2-Methylnaphthalene
Concen: 1.213 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP014475.D
Acq: 01 Apr 2023 09:25

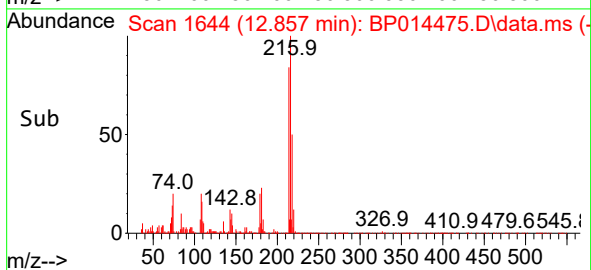
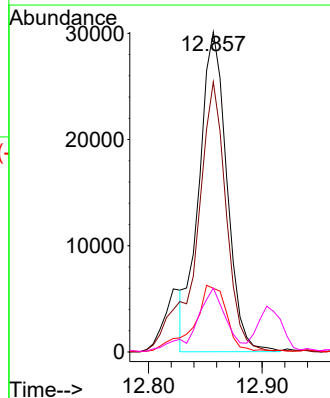
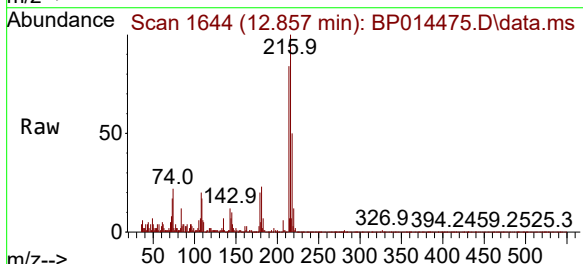
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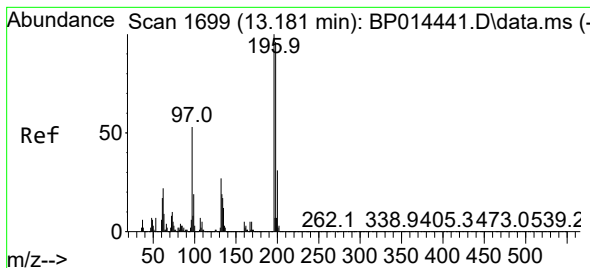
Tgt Ion:142 Resp: 31759
Ion Ratio Lower Upper
142 100
141 92.8 71.6 107.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.856 ng/ul
RT: 12.857 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BP014475.D
Acq: 01 Apr 2023 09:25

Tgt Ion:216 Resp: 51199
Ion Ratio Lower Upper
216 100
214 84.4 61.0 91.6
179 19.8 16.6 24.8
108 19.9 13.8 20.6





#42

2,4,5-Trichlorophenol

Concen: 3.656 ng/uL

RT: 13.192 min Scan# 1

Delta R.T. 0.011 min

Lab File: BP014475.D

Acq: 01 Apr 2023 09:25

Instrument :

BNA_P

ClientSampleId :

PMW-5(20230329)

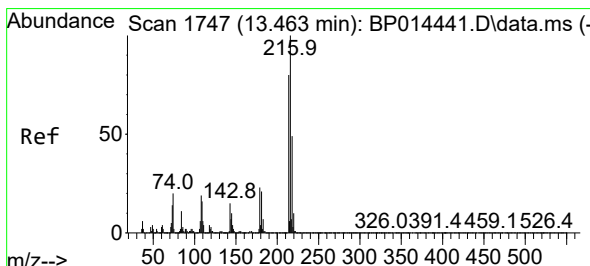
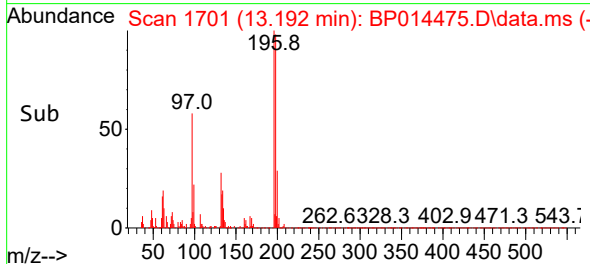
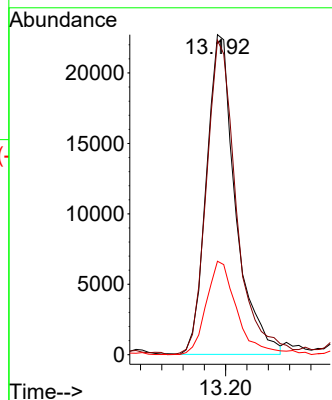
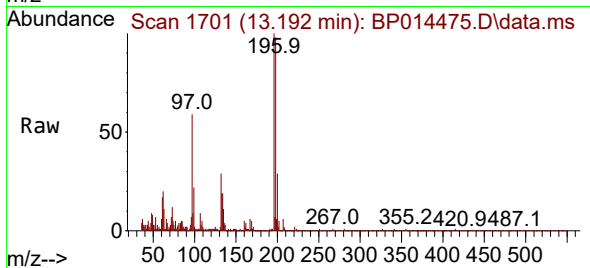
Tgt Ion:196 Resp: 43176

Ion Ratio Lower Upper

196 100

198 98.2 79.8 119.8

200 29.2 25.6 38.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 1.711 ng/uL

RT: 13.463 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BP014475.D

Acq: 01 Apr 2023 09:25

Tgt Ion:216 Resp: 33178

Ion Ratio Lower Upper

216 100

214 78.2 61.0 91.6

218 50.5 38.7 58.1

