

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017547.D
 Acq On : 04 Oct 2023 23:23
 Operator : MA/JU
 Sample : 04679-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PMW-8S(20230928)

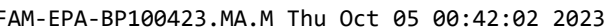
Quant Time: Oct 05 00:42:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

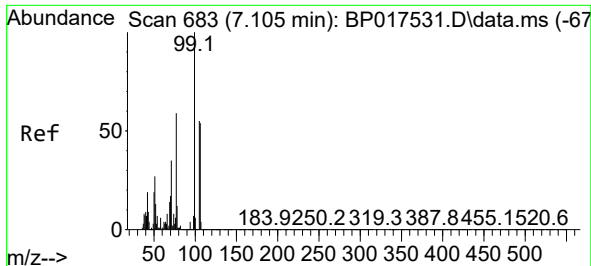
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	88448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	328040	20.000	ng/ul	0.04
38) Acenaphthene-d10	14.634	164	204513	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	445358	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	458469	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	530504	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	11956	5.404	ng/uL	0.00
4) Pyridine-d5	3.734	84	62686	10.825	ng/ul	0.00
7) Phenol-d5	7.105	99	62456	8.393	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	181380	39.943	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	190074	32.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	113436	19.041	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	335	0.133	ng/ul	0.05
24) 2-Nitrophenol-d4	9.875	143	132502	46.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	223992	42.447	ng/ul	0.02
31) 4-Chloroaniline-d4	10.969	131	144747	19.255	ng/ul	0.02
46) Dimethylphthalate-d6	14.051	166	736850	46.190	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	808582	45.966	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	21557	7.717	ng/ul	0.01
60) Fluorene-d10	15.639	176	636225	47.020	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	92350	33.261	ng/ul	0.00
73) Anthracene-d10	17.522	188	991319	48.087	ng/ul	0.00
81) Pyrene-d10	19.774	212	1255923	49.299	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1311312	48.980	ng/ul	-0.01
Target Compounds						Qvalue
6) Benzaldehyde	7.122	77	129550	34.532	ng/ul#	1
13) 2-Methylphenol	8.399	108	47095	8.431	ng/ul	99
18) 4-Methylphenol	8.728	108	62133	10.279	ng/ul	93
19) Hexachloroethane	9.028	117	90369	34.329	ng/ul#	6
26) 2,4-Dimethylphenol	9.957	107	11906	1.988	ng/ul	88
29) 2,4-Dichlorophenol	10.451	162	42061	8.209	ng/ul	92
30) Naphthalene	10.863	128	2705359	154.570	ng/ul	100
34) Caprolactam	11.822	113	15931	10.019	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.798	216	65839	9.826	ng/ul	97
42) 2,4,5-Trichlorophenol	13.134	196	117312	26.091	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.792	198	7827	2.635	ng/ul#	39
75) 1,2,3,4-Tetrachloroben...	13.416	216	44025	6.687	ng/uL	98
77) Carbazole	17.851	167	22320	1.017	ng/ul#	95

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

Quant Time: Oct 05 00:42:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

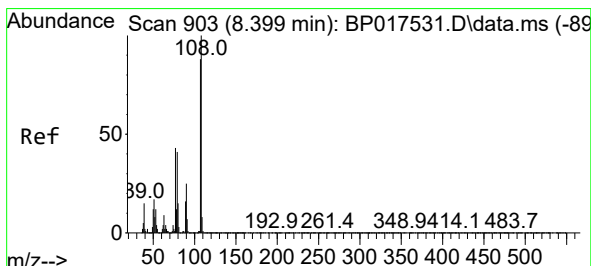
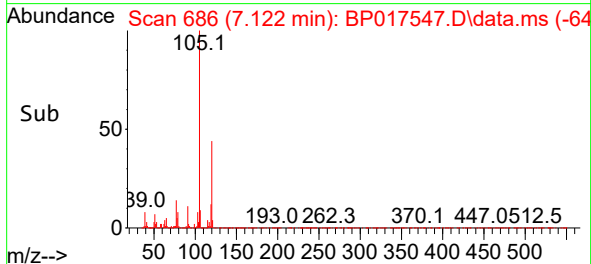
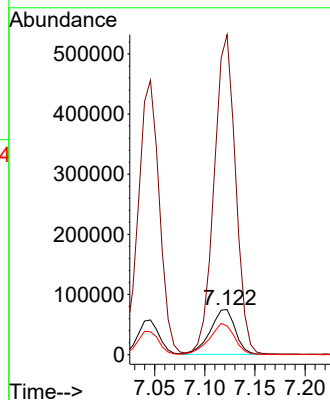
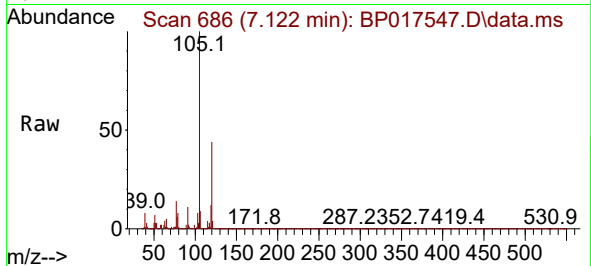




#6
Benzaldehyde
Concen: 34.532 ng/ul
RT: 7.122 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

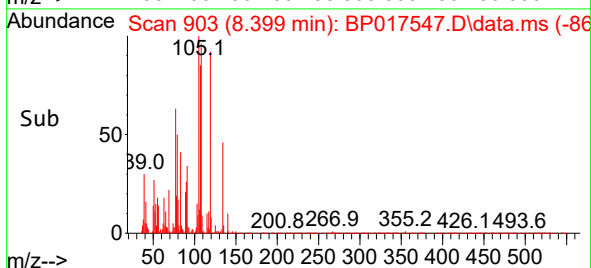
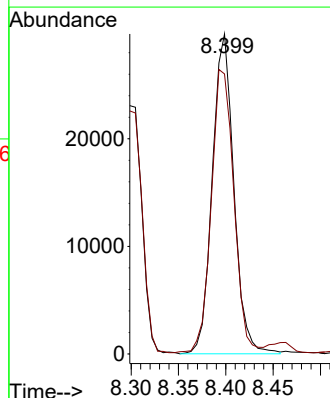
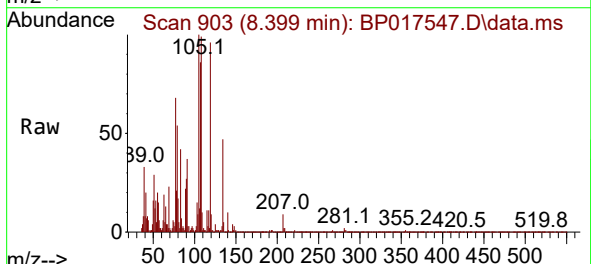
Instrument :
BNA_P
ClientSampleId :
PMW-8S(20230928)

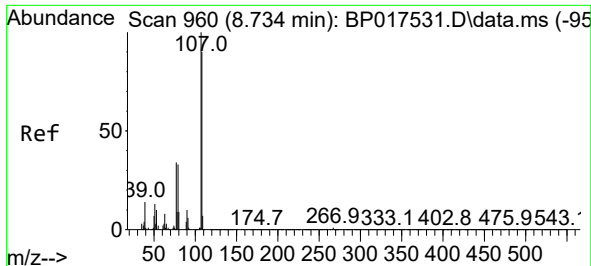
Tgt Ion: 77 Resp: 129550
Ion Ratio Lower Upper
77 100
105 709.8 74.6 112.0#
106 63.9 72.8 109.2#



#13
2-Methylphenol
Concen: 8.431 ng/ul
RT: 8.399 min Scan# 903
Delta R.T. -0.000 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

Tgt Ion:108 Resp: 47095
Ion Ratio Lower Upper
108 100
107 87.5 70.6 105.8

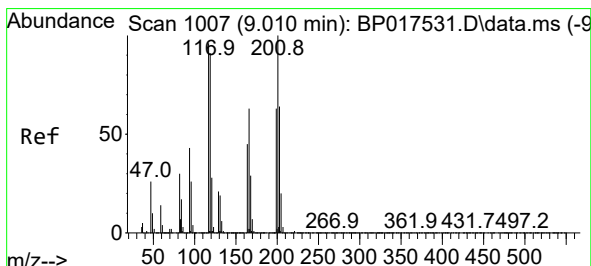
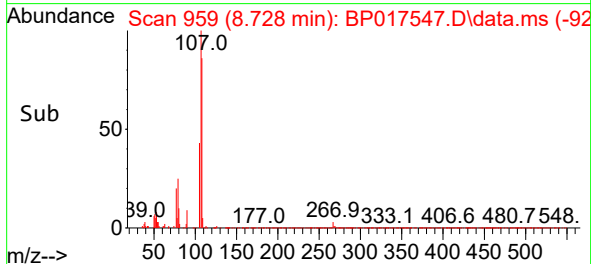
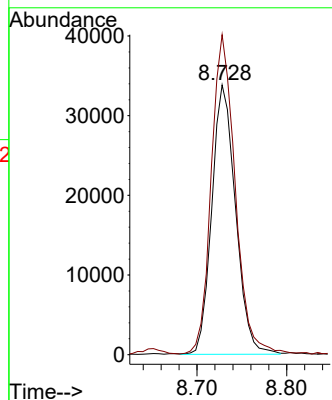
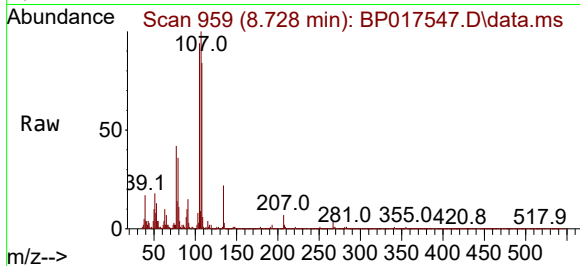




#18
4-Methylphenol
Concen: 10.279 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

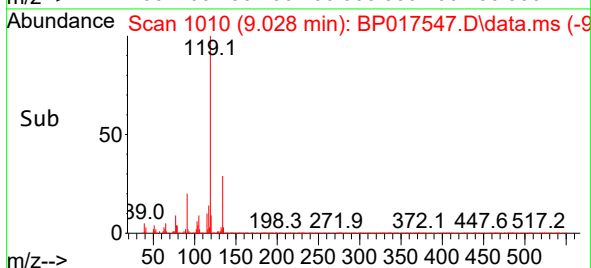
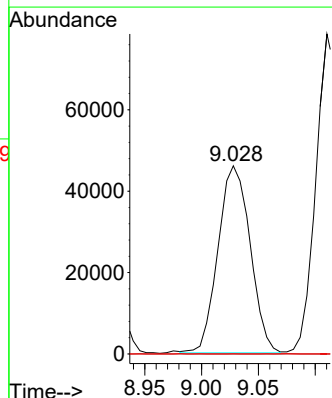
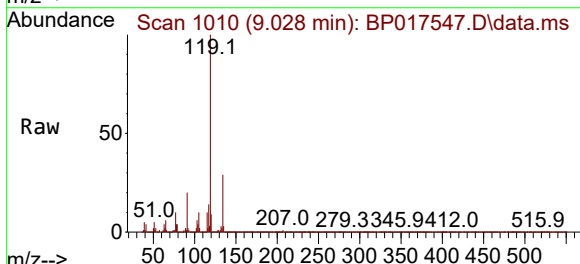
Instrument :
BNA_P
ClientSampleId :
PMW-8S(20230928)

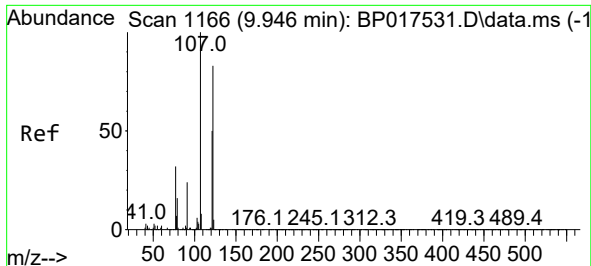
Tgt Ion:108 Resp: 62133
Ion Ratio Lower Upper
108 100
107 118.6 89.0 133.6



#19
Hexachloroethane
Concen: 34.329 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.018 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

Tgt Ion:117 Resp: 90369
Ion Ratio Lower Upper
117 100
201 0.0 83.2 124.8#
199 0.1 52.8 79.2#

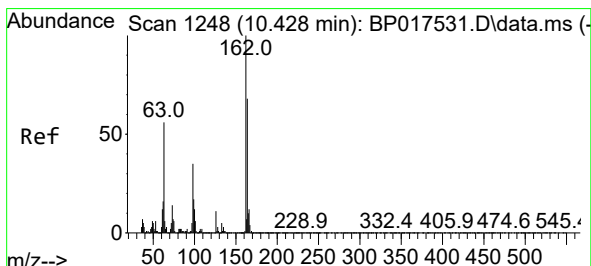
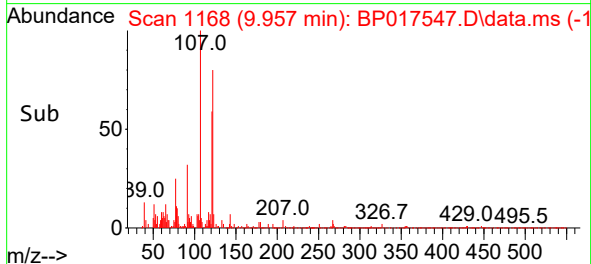
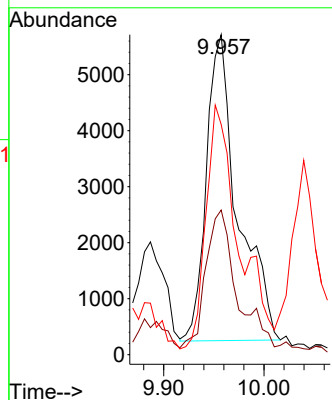
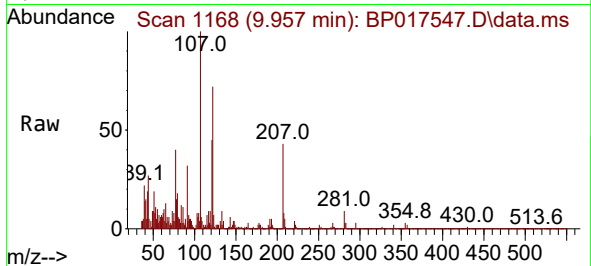




#26
2,4-Dimethylphenol
Concen: 1.988 ng/ul
RT: 9.957 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

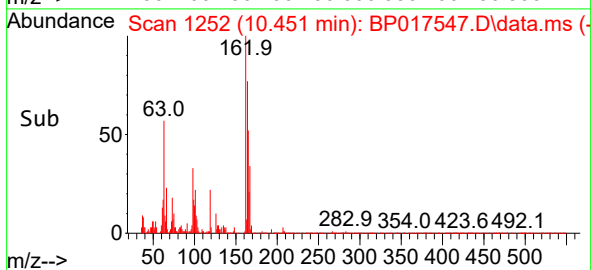
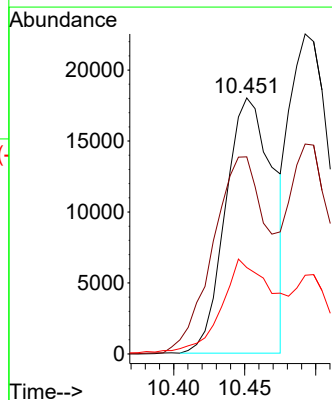
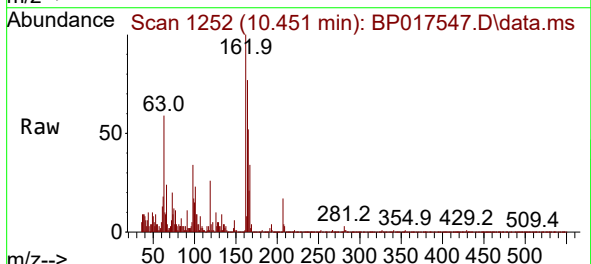
Instrument :
BNA_P
ClientSampleId :
PMW-8S(20230928)

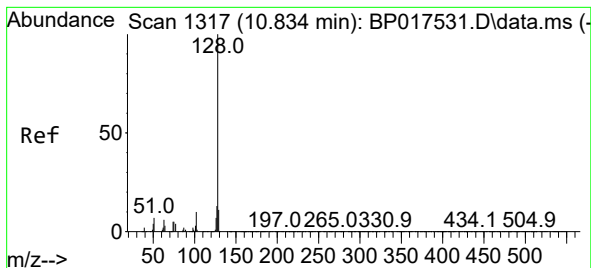
Tgt Ion:	107	Resp:	11906
Ion	Ratio	Lower	Upper
107	100		
121	45.2	39.8	59.8
122	71.9	68.3	102.5



#29
2,4-Dichlorophenol
Concen: 8.209 ng/ul
RT: 10.451 min Scan# 1252
Delta R.T. 0.023 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

Tgt Ion:	162	Resp:	42061
Ion	Ratio	Lower	Upper
162	100		
164	77.0	54.4	81.6
98	33.8	28.2	42.4





#30

Naphthalene

Concen: 154.570 ng/ul

RT: 10.863 min Scan# 11

Delta R.T. 0.029 min

Lab File: BP017547.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_P

ClientSampleId :

PMW-8S(20230928)

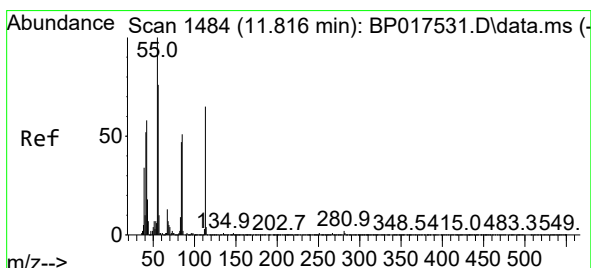
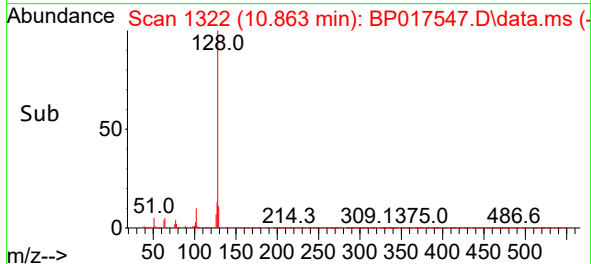
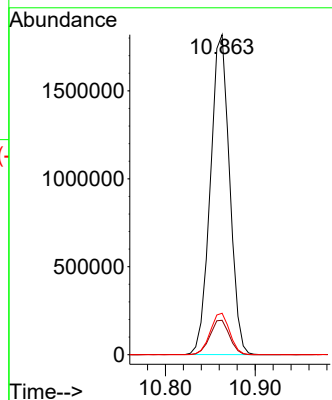
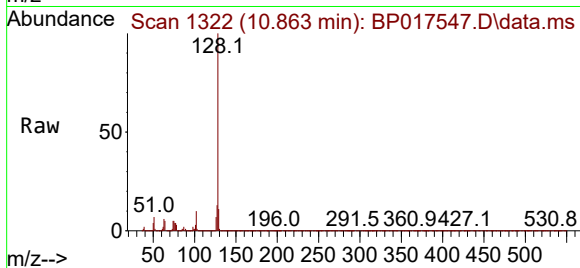
Tgt Ion:128 Resp: 2705359

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 12.9 10.2 15.4



#34

Caprolactam

Concen: 10.019 ng/ul

RT: 11.822 min Scan# 1485

Delta R.T. 0.006 min

Lab File: BP017547.D

Acq: 04 Oct 2023 23:23

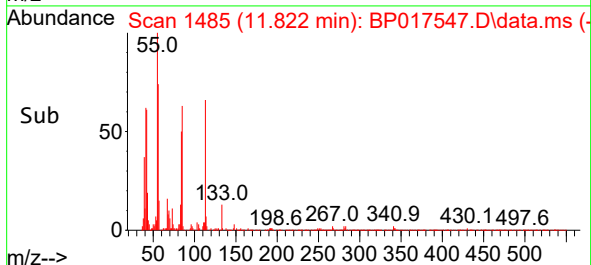
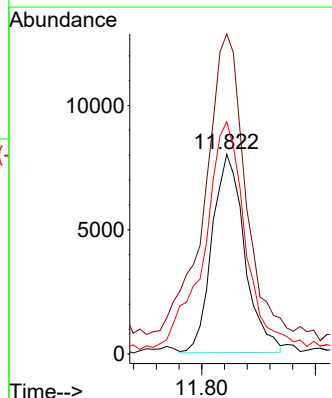
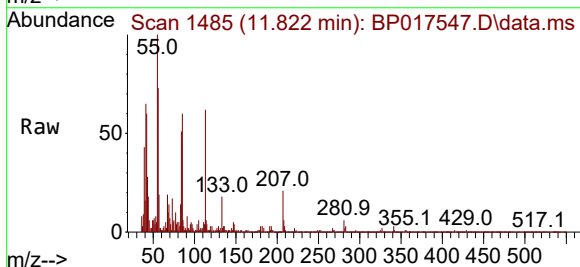
Tgt Ion:113 Resp: 15931

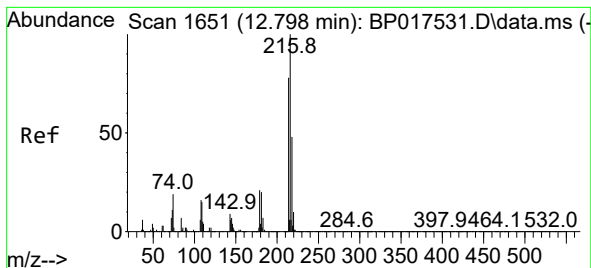
Ion Ratio Lower Upper

113 100

55 160.2 124.6 187.0

56 116.2 94.7 142.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.826 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017547.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_P

ClientSampleId :

PMW-8S(20230928)

Tgt Ion:216 Resp: 65839

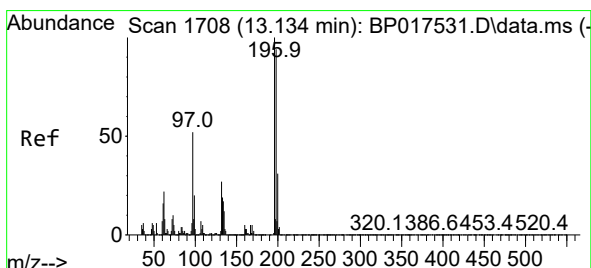
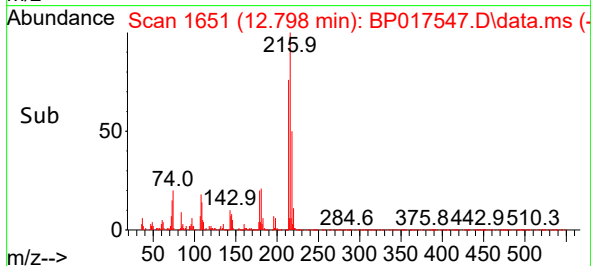
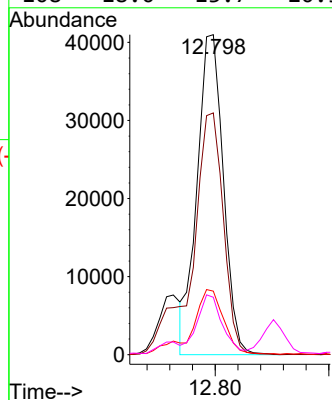
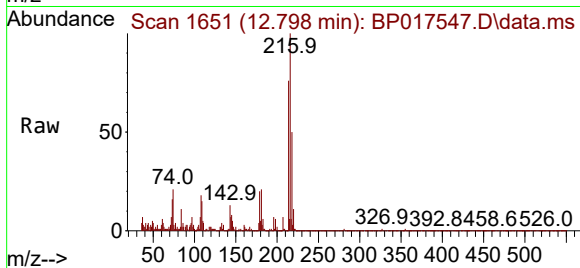
Ion Ratio Lower Upper

216 100

214 75.5 62.6 94.0

179 19.9 17.1 25.7

108 18.0 13.7 20.5



#42

2,4,5-Trichlorophenol

Concen: 26.091 ng/ul

RT: 13.134 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BP017547.D

Acq: 04 Oct 2023 23:23

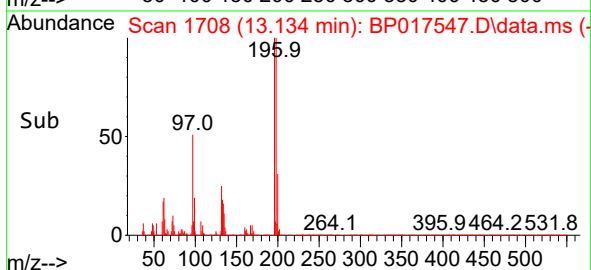
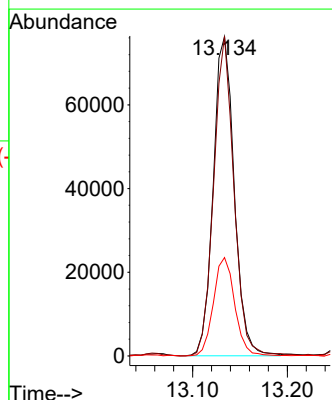
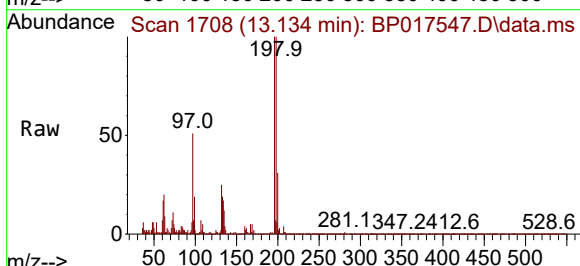
Tgt Ion:196 Resp: 117312

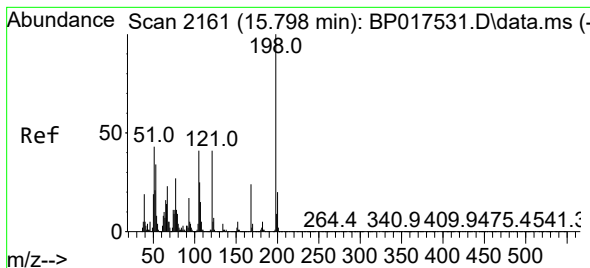
Ion Ratio Lower Upper

196 100

198 100.2 75.4 113.2

200 30.8 24.9 37.3

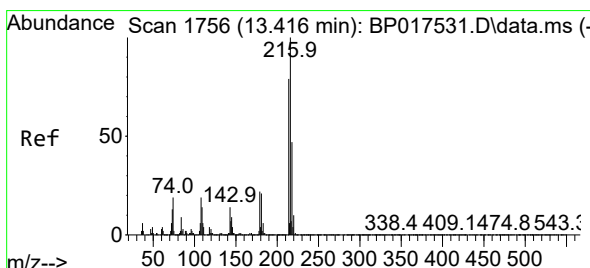
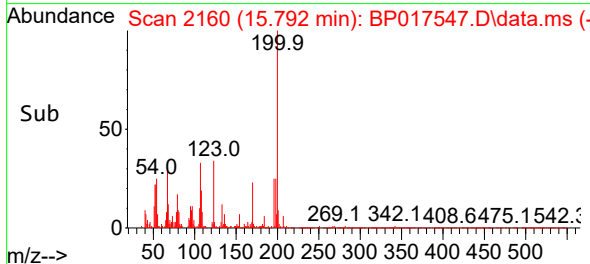
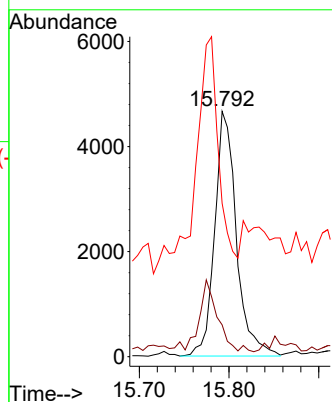
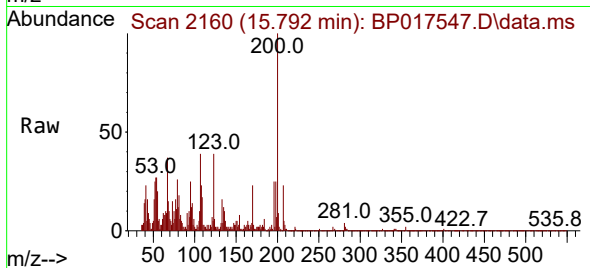




#66
4,6-Dinitro-2-methylphenol
Concen: 2.635 ng/ul
RT: 15.792 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

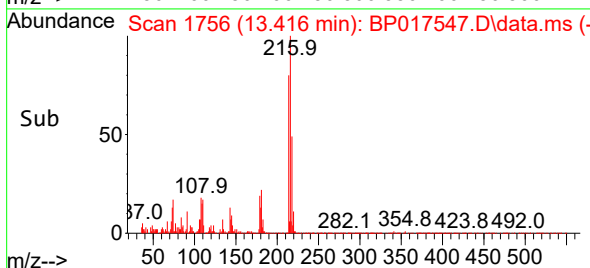
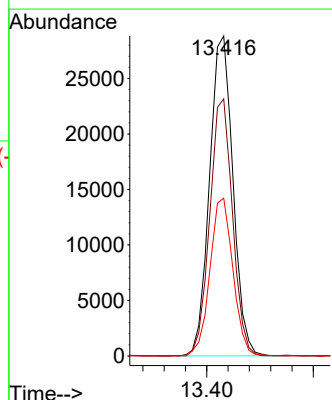
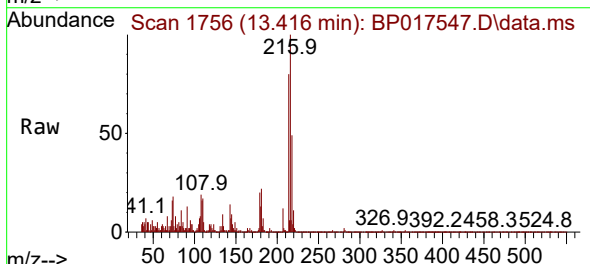
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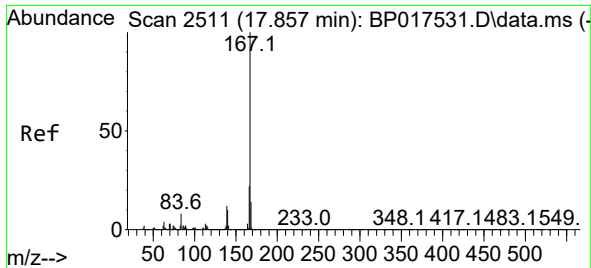
Tgt Ion:198 Resp: 7827
Ion Ratio Lower Upper
198 100
182 13.0 4.2 6.2#
77 62.6 21.6 32.4#



#75
1,2,3,4-Tetrachlorobenzene
Concen: 6.687 ng/uL
RT: 13.416 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP017547.D
Acq: 04 Oct 2023 23:23

Tgt Ion:216 Resp: 44025
Ion Ratio Lower Upper
216 100
214 80.3 63.4 95.0
218 49.3 38.0 57.0





#77
 Carbazole
 Concen: 1.017 ng/ul
 RT: 17.851 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP017547.D
 Acq: 04 Oct 2023 23:23

Instrument :
 BNA_P
 ClientSampleId :
 PMW-8S(20230928)

Tgt Ion:	167	Resp:	22320
Ion Ratio	Lower	Upper	
167	100		
166	22.8	17.3	25.9
139	15.5	9.8	14.6#

