

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017567.D
 Acq On : 05 Oct 2023 15:57
 Operator : MA/JU
 Sample : 04679-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 02:00:02 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

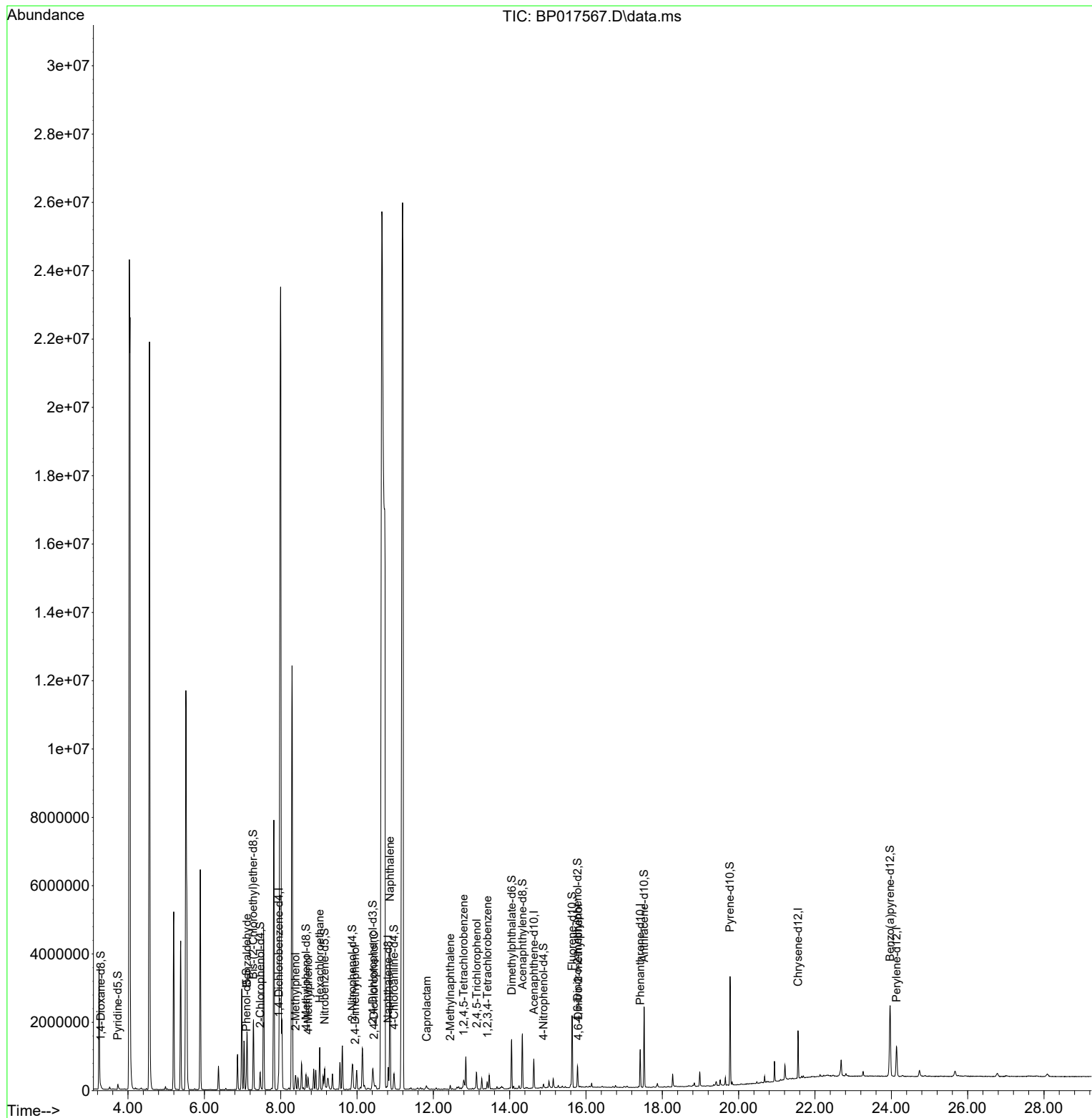
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	104415	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	393998	20.000	ng/u1	0.04
38) Acenaphthene-d10	14.634	164	270866	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	618508	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	614612	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	670097	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	13052	4.997	ng/uL	0.00
4) Pyridine-d5	3.734	84	81876	11.977	ng/u1	0.00
7) Phenol-d5	7.099	99	75185	8.558	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	215227	40.149	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	215297	31.124	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	143543	20.410	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	137895	45.493	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	156199	45.689	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	264232	41.690	ng/u1	0.02
31) 4-Chloroaniline-d4	10.969	131	217759	24.119	ng/u1	0.02
46) Dimethylphthalate-d6	14.051	166	911341	43.134	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	996632	42.778	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	30320	8.195	ng/u1	0.01
60) Fluorene-d10	15.634	176	802616	44.786	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	126990	32.934	ng/u1	0.00
73) Anthracene-d10	17.522	188	1233995	43.101	ng/u1	0.00
81) Pyrene-d10	19.775	212	1590042	46.558	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1518508	44.903	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.116	77	138683	31.314	ng/u1#	1
13) 2-Methylphenol	8.393	108	51996	7.885	ng/u1	95
18) 4-Methylphenol	8.722	108	67809	9.503	ng/u1	92
19) Hexachloroethane	9.022	117	100903	32.469	ng/u1#	6
26) 2,4-Dimethylphenol	9.952	107	9984	1.388	ng/u1	89
29) 2,4-Dichlorophenol	10.446	162	43744	7.108	ng/u1	94
30) Naphthalene	10.863	128	2923825	139.087	ng/u1	99
34) Caprolactam	11.822	113	17701	9.269	ng/u1	94
36) 2-Methylnaphthalene	12.446	142	51522	3.587	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.793	216	71312	8.036	ng/u1	99
42) 2,4,5-Trichlorophenol	13.134	196	125551	21.083	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.798	198	9167	2.222	ng/u1#	66
75) 1,2,3,4-Tetrachloroben...	13.416	216	49437	5.407	ng/uL	95

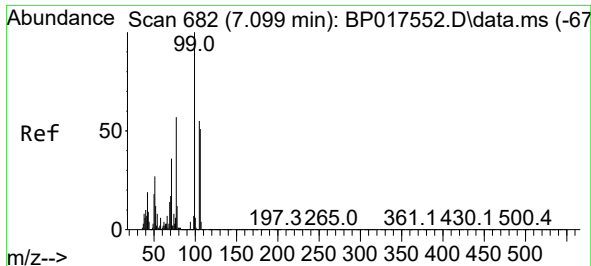
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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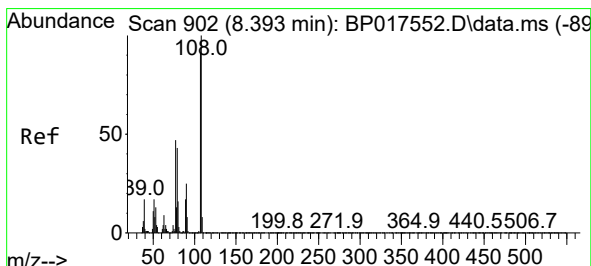
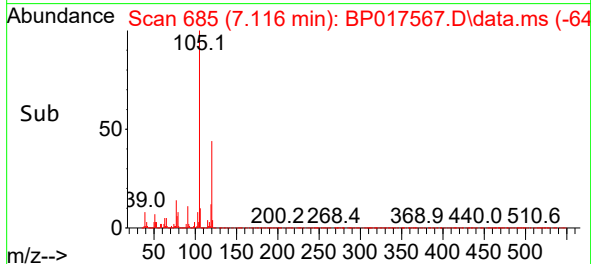
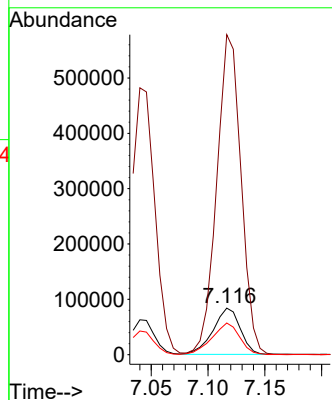
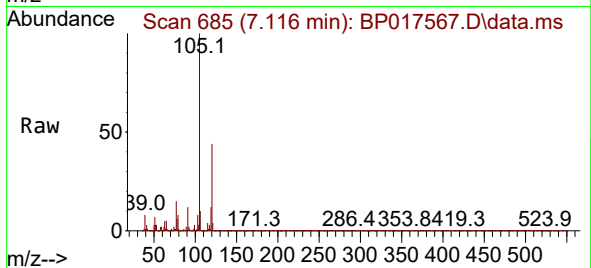




#6
Benzaldehyde
Concen: 31.314 ng/ul
RT: 7.116 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

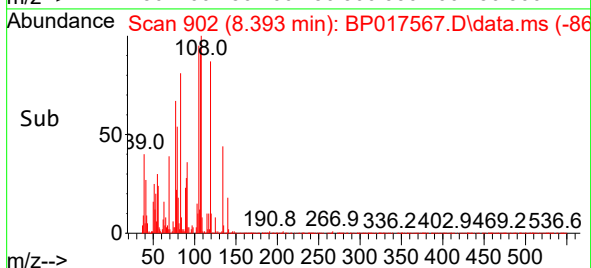
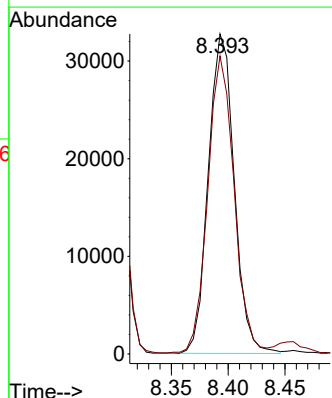
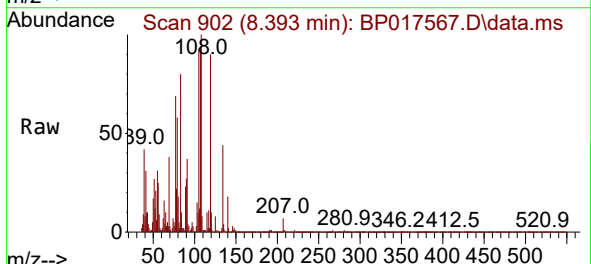
Instrument :
BNA_G
ClientSampleId :

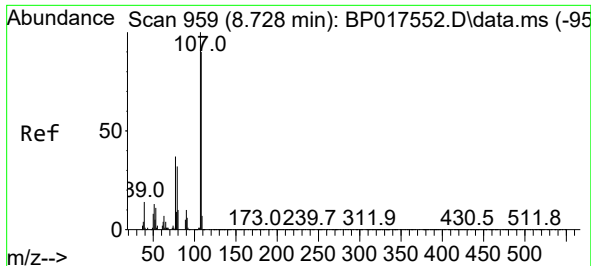
Tgt Ion: 77 Resp: 138683
Ion Ratio Lower Upper
77 100
105 686.4 74.6 112.0#
106 68.1 72.8 109.2#



#13
2-Methylphenol
Concen: 7.885 ng/ul
RT: 8.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

Tgt Ion: 108 Resp: 51996
Ion Ratio Lower Upper
108 100
107 93.1 70.6 105.8

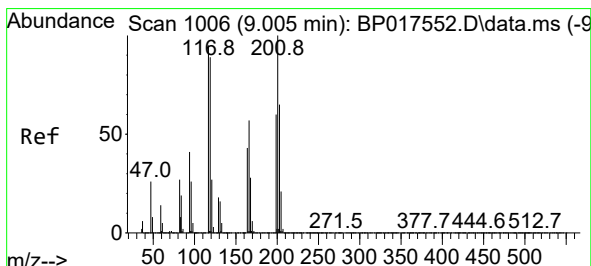
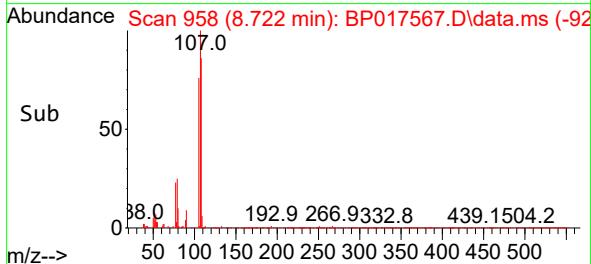
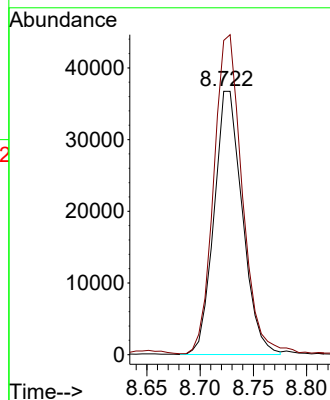
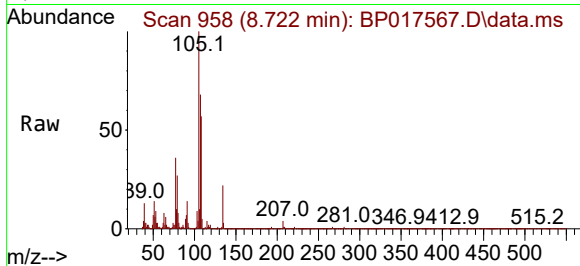




#18
4-Methylphenol
Concen: 9.503 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

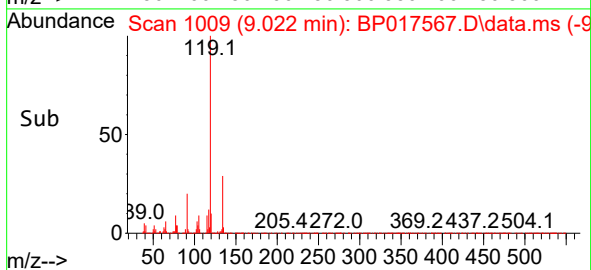
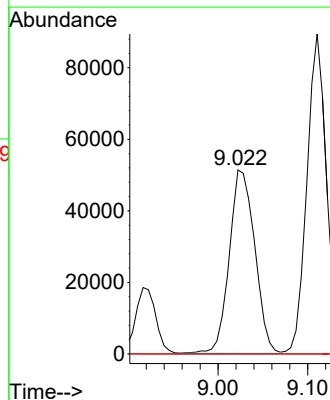
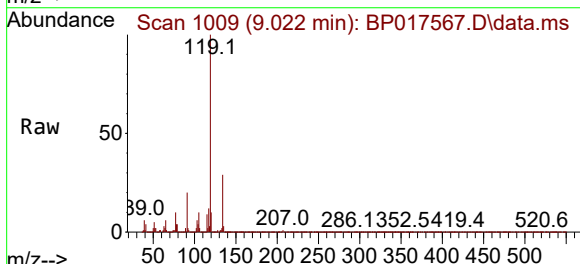
Instrument :
BNA_G
ClientSampleId :

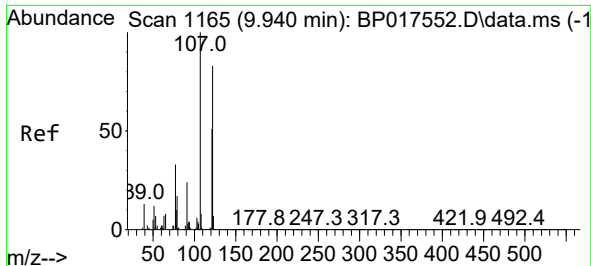
Tgt Ion:108 Resp: 67809
Ion Ratio Lower Upper
108 100
107 119.3 89.0 133.6



#19
Hexachloroethane
Concen: 32.469 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

Tgt Ion:117 Resp: 100903
Ion Ratio Lower Upper
117 100
201 0.0 83.2 124.8#
199 0.1 52.8 79.2#

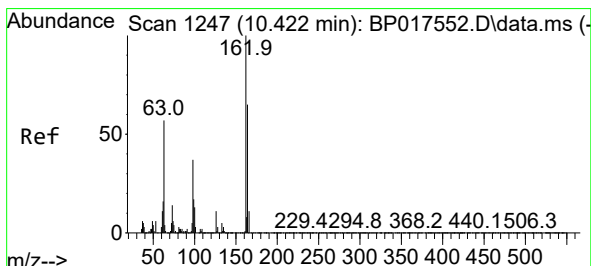
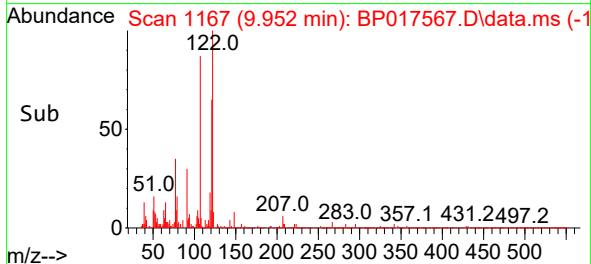
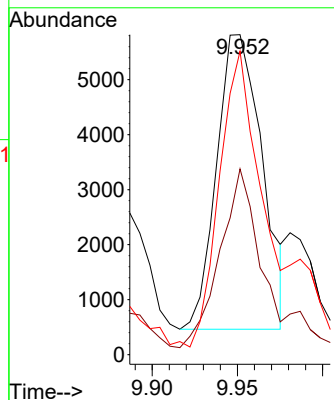
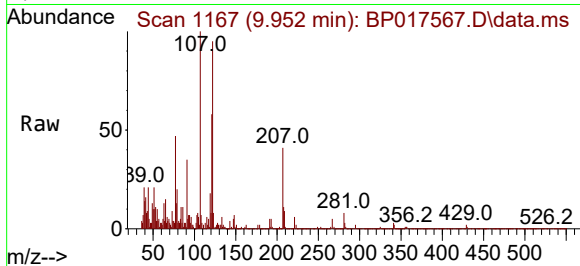




#26
2,4-Dimethylphenol
Concen: 1.388 ng/ul
RT: 9.952 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

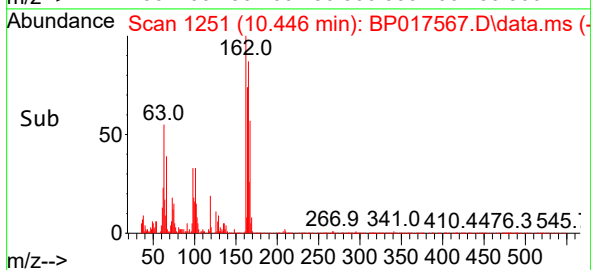
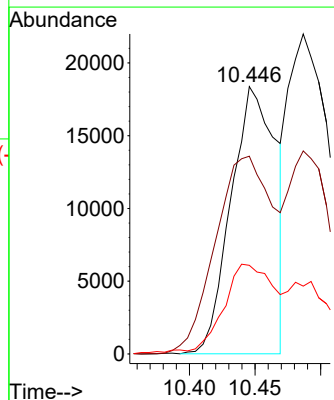
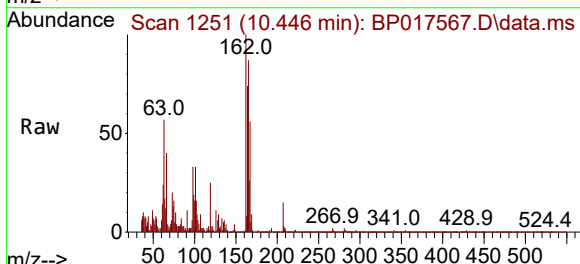
Instrument :
BNA_G
ClientSampleId :

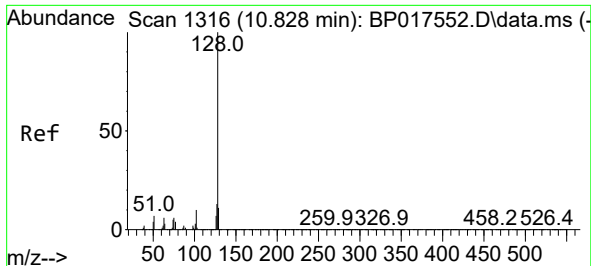
Tgt Ion:107 Resp: 9984
Ion Ratio Lower Upper
107 100
121 58.0 39.8 59.8
122 94.8 68.3 102.5



#29
2,4-Dichlorophenol
Concen: 7.108 ng/ul
RT: 10.446 min Scan# 1251
Delta R.T. 0.018 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

Tgt Ion:162 Resp: 43744
Ion Ratio Lower Upper
162 100
164 74.0 54.4 81.6
98 33.1 28.2 42.4

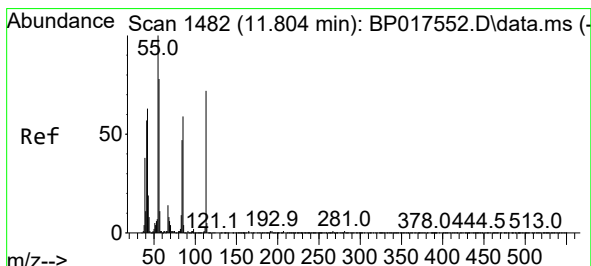
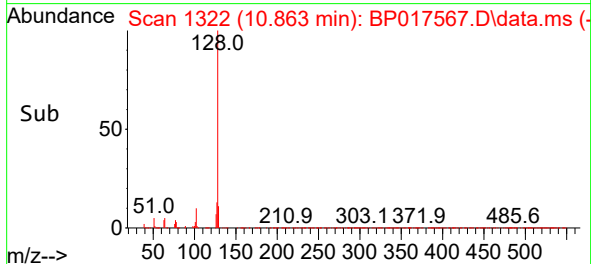
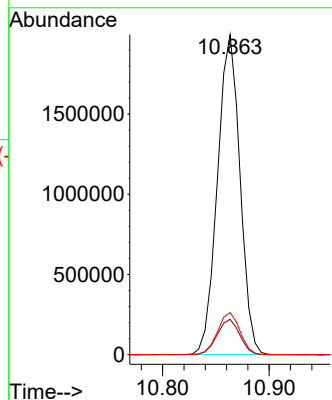
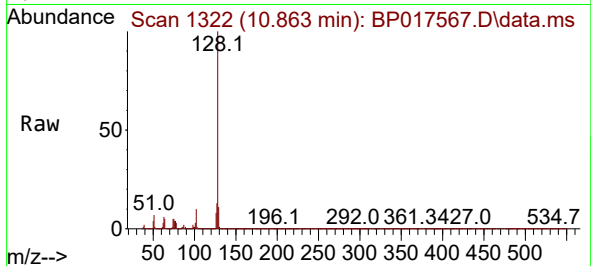




#30
Naphthalene
Concen: 139.087 ng/ul
RT: 10.863 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

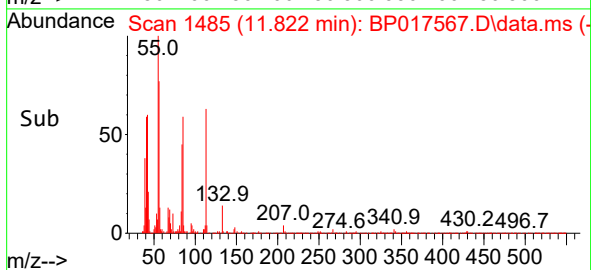
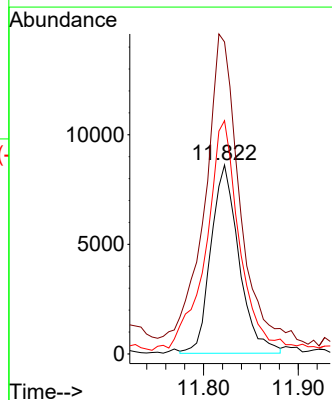
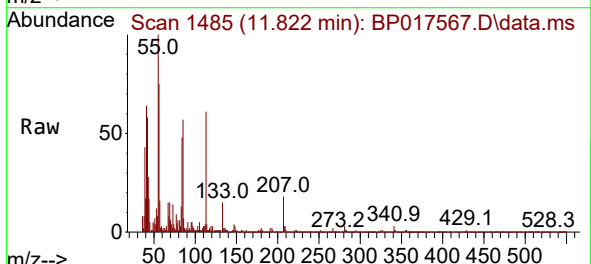
Instrument :
BNA_G
ClientSampleId :

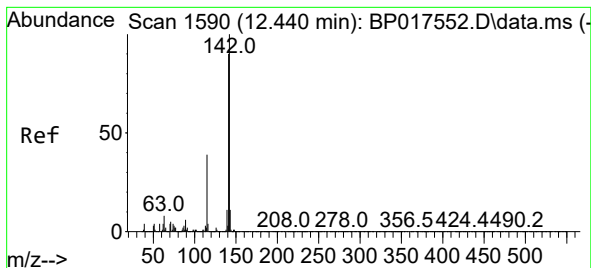
Tgt Ion:128 Resp: 2923825
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.2 15.4



#34
Caprolactam
Concen: 9.269 ng/ul
RT: 11.822 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BP017567.D
Acq: 05 Oct 2023 15:57

Tgt Ion:113 Resp: 17701
Ion Ratio Lower Upper
113 100
55 165.1 124.6 187.0
56 123.5 94.7 142.1





#36

2-Methylnaphthalene

Concen: 3.587 ng/ul

RT: 12.446 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BP017567.D

Acq: 05 Oct 2023 15:57

Instrument :

BNA_G

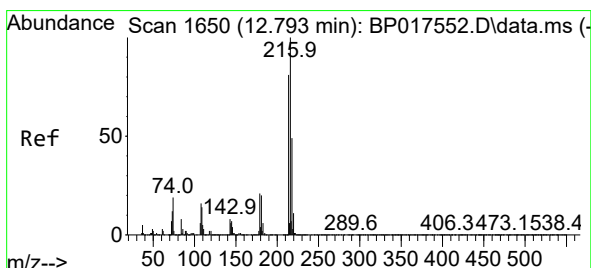
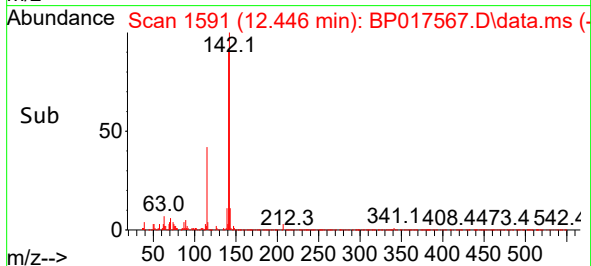
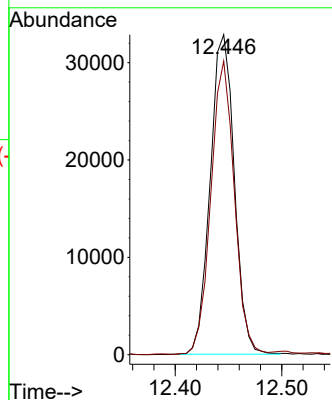
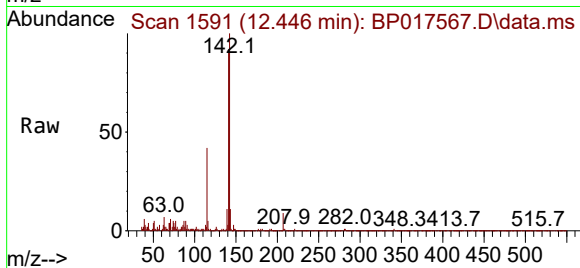
ClientSampleId :

Tgt Ion:142 Resp: 51522

Ion Ratio Lower Upper

142 100

141 91.7 71.4 107.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.036 ng/ul

RT: 12.793 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP017567.D

Acq: 05 Oct 2023 15:57

Tgt Ion:216 Resp: 71312

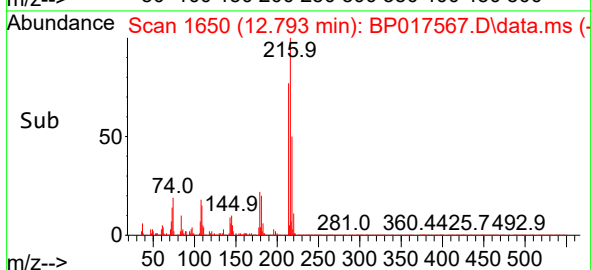
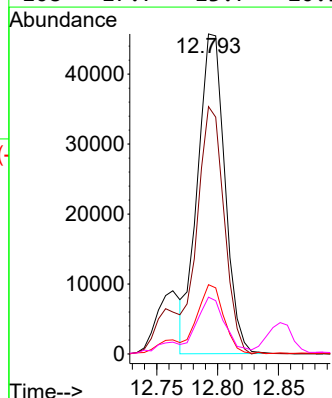
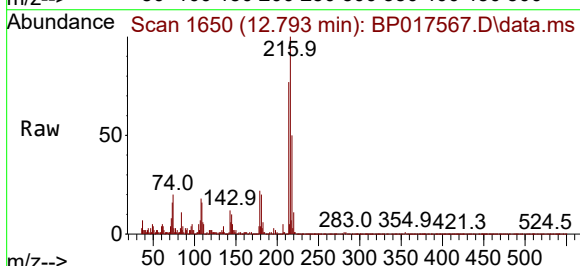
Ion Ratio Lower Upper

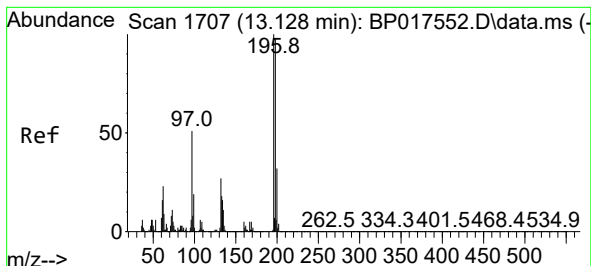
216 100

214 77.3 62.6 94.0

179 21.7 17.1 25.7

108 17.7 13.7 20.5





#42

2,4,5-Trichlorophenol

Concen: 21.083 ng/ul

RT: 13.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017567.D

Acq: 05 Oct 2023 15:57

Instrument :

BNA_G

ClientSampleId :

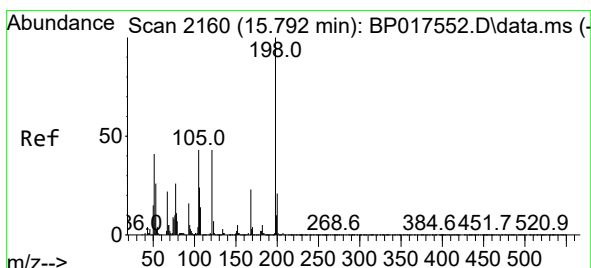
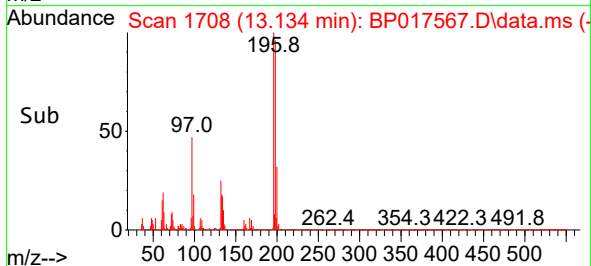
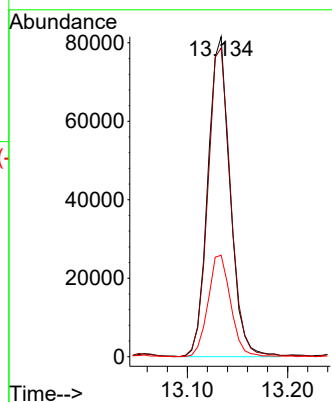
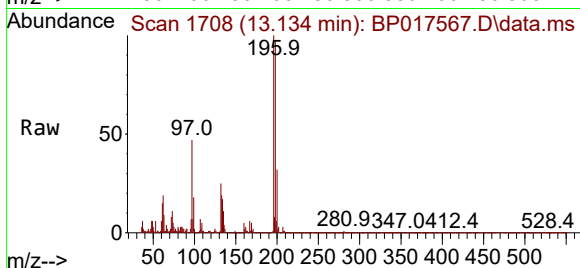
Tgt Ion:196 Resp: 125551

Ion Ratio Lower Upper

196 100

198 96.5 75.4 113.2

200 31.7 24.9 37.3



#66

4,6-Dinitro-2-methylphenol

Concen: 2.222 ng/ul

RT: 15.798 min Scan# 2161

Delta R.T. 0.000 min

Lab File: BP017567.D

Acq: 05 Oct 2023 15:57

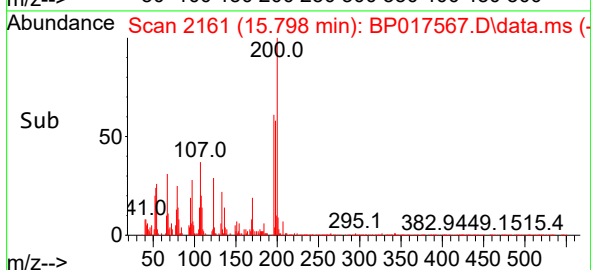
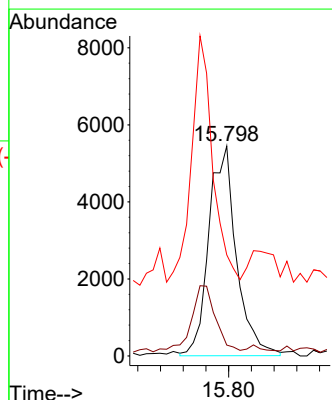
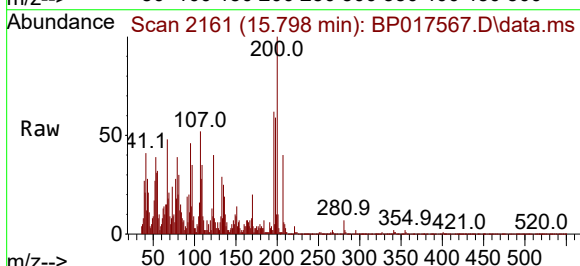
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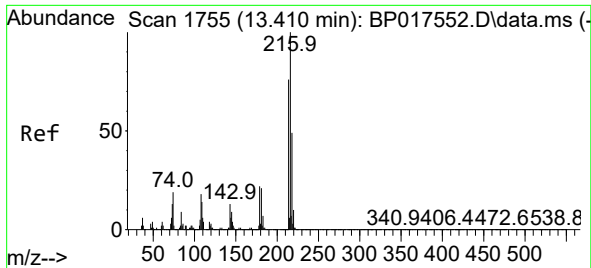
Ion Ratio Lower Upper

198 100

182 5.2 4.2 6.2

77 48.2 21.6 32.4#





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 5.407 ng/uL
 RT: 13.416 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP017567.D
 Acq: 05 Oct 2023 15:57

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
216	100		
214	74.9	63.4	95.0
218	50.2	38.0	57.0

