

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017546.D
 Acq On : 04 Oct 2023 22:49
 Operator : MA/JU
 Sample : 04679-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB(20230926)

Quant Time: Oct 05 00:41:58 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

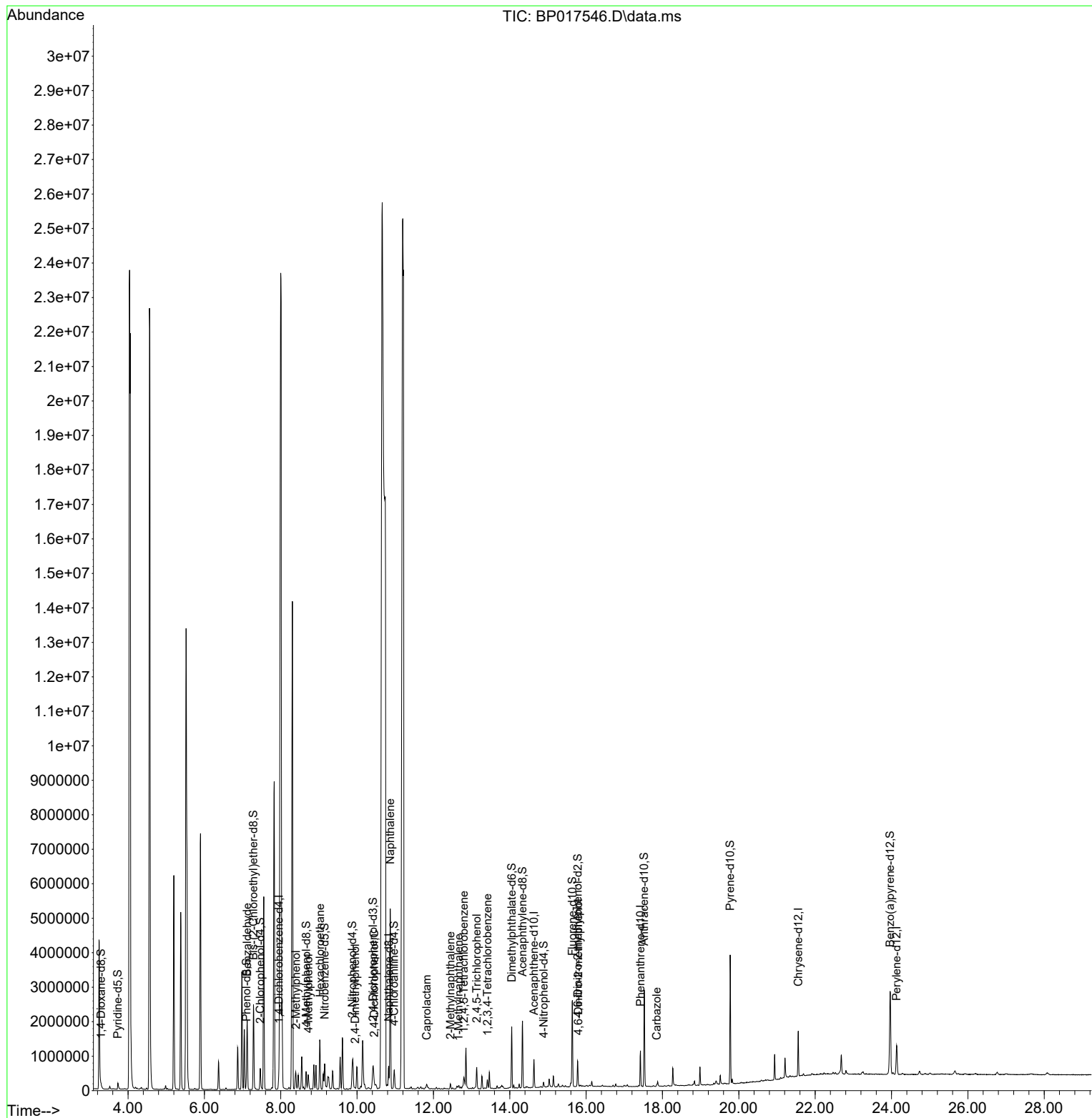
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	101388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	395015	20.000	ng/ul	0.05
38) Acenaphthene-d10	14.634	164	257719	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	577356	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	580319	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	654454	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17560	6.924	ng/uL	0.00
4) Pyridine-d5	3.734	84	98218	14.796	ng/ul	0.00
7) Phenol-d5	7.105	99	89542	10.497	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	254908	48.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	263286	39.198	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	170356	24.946	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	167273	55.043	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	190850	55.681	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	320830	50.490	ng/ul	0.02
31) 4-Chloroaniline-d4	10.969	131	275821	30.471	ng/ul	0.02
46) Dimethylphthalate-d6	14.051	166	1093020	54.371	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	1204615	54.342	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	39420	11.198	ng/ul	0.01
60) Fluorene-d10	15.640	176	945745	55.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	150910	41.926	ng/ul	0.00
73) Anthracene-d10	17.522	188	1499355	56.103	ng/ul	0.00
81) Pyrene-d10	19.775	212	1871606	58.041	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1855463	56.179	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.122	77	170100	39.554	ng/ul#	1
13) 2-Methylphenol	8.399	108	63207	9.871	ng/ul	90
18) 4-Methylphenol	8.728	108	82554	11.915	ng/ul	93
19) Hexachloroethane	9.028	117	124541	41.272	ng/ul#	6
26) 2,4-Dimethylphenol	9.952	107	16621	2.305	ng/ul	96
29) 2,4-Dichlorophenol	10.452	162	47887	7.761	ng/ul	95
30) Naphthalene	10.869	128	3667748	174.026	ng/ul	99
34) Caprolactam	11.828	113	23411	12.227	ng/ul	87
36) 2-Methylnaphthalene	12.446	142	65269	4.532	ng/ul	96
37) 1-Methylnaphthalene	12.663	142	35724	2.418	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.798	216	85124	10.081	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	156013	27.535	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.792	198	10814	2.808	ng/ul#	26
75) 1,2,3,4-Tetrachloroben...	13.416	216	59198	6.936	ng/uL	100
77) Carbazole	17.851	167	32260	1.134	ng/ul	97

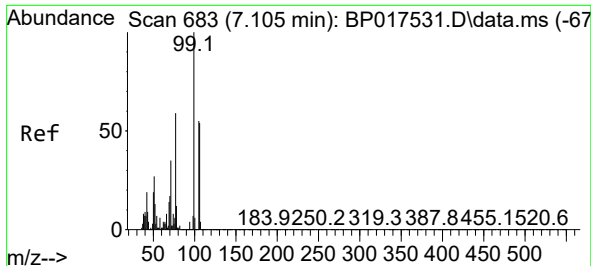
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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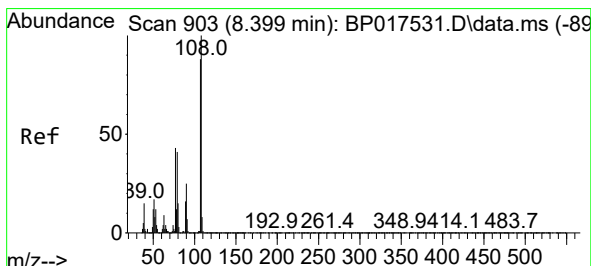
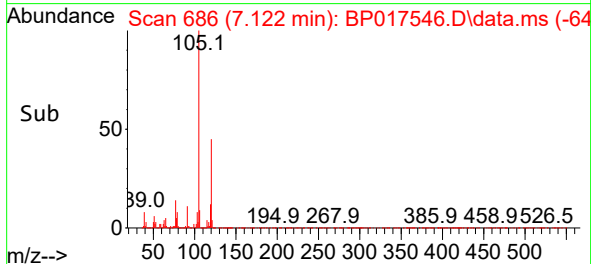
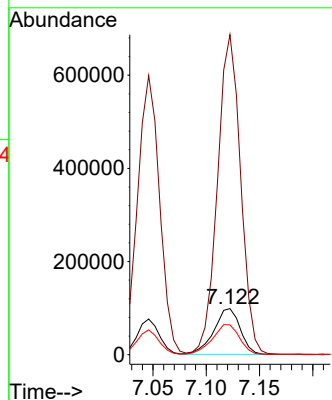
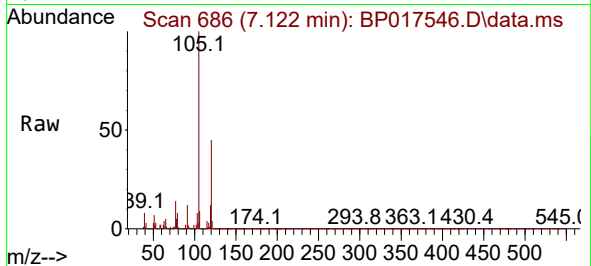




#6
Benzaldehyde
Concen: 39.554 ng/ul
RT: 7.122 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

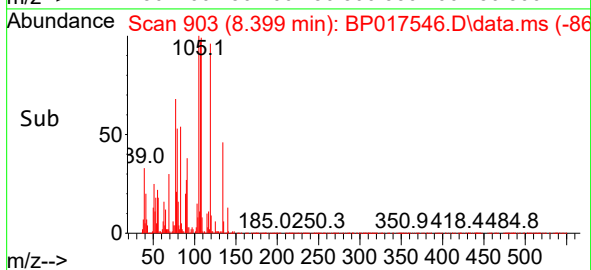
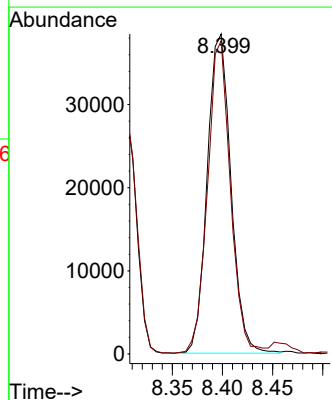
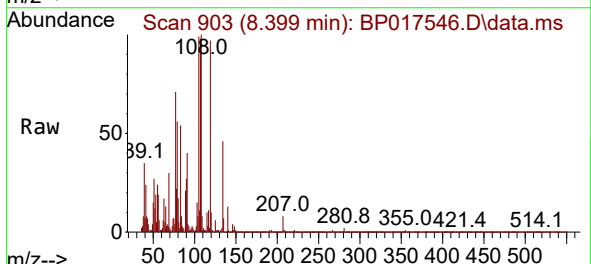
Instrument :
BNA_P
ClientSampleId :
FB(20230926)

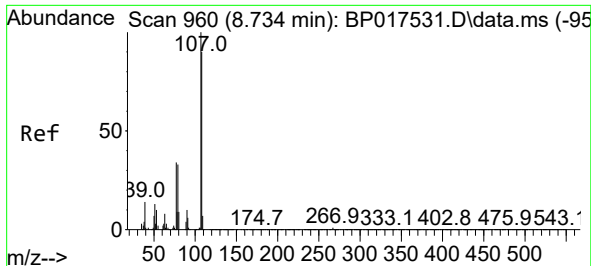
Tgt Ion: 77 Resp: 170100
Ion Ratio Lower Upper
77 100
105 694.1 74.6 112.0#
106 64.6 72.8 109.2#



#13
2-Methylphenol
Concen: 9.871 ng/ul
RT: 8.399 min Scan# 903
Delta R.T. 0.000 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

Tgt Ion: 108 Resp: 63207
Ion Ratio Lower Upper
108 100
107 97.9 70.6 105.8

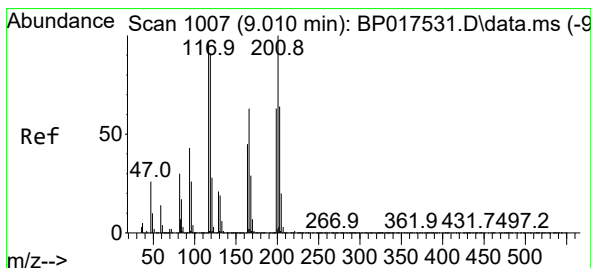
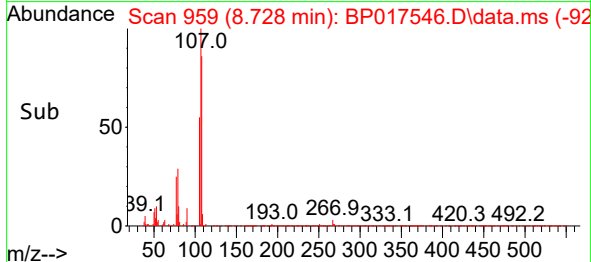
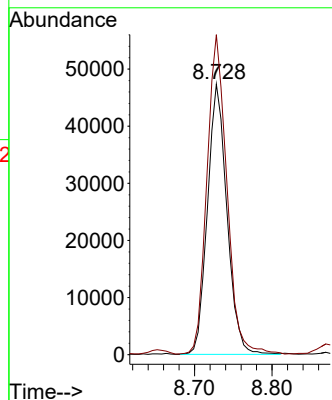
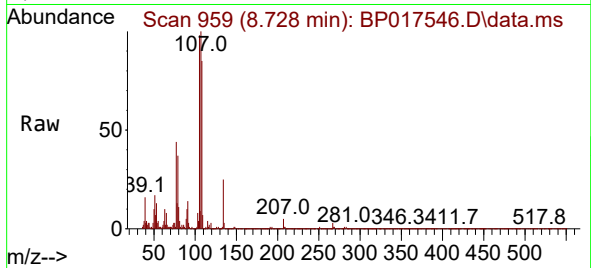




#18
4-Methylphenol
Concen: 11.915 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

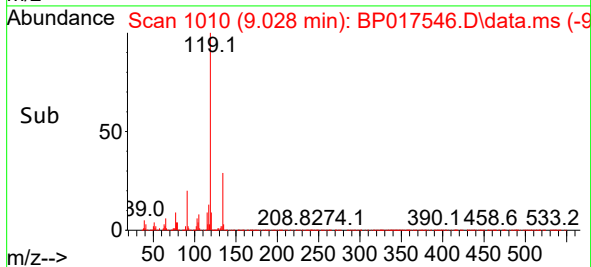
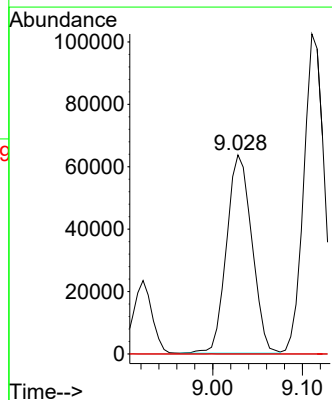
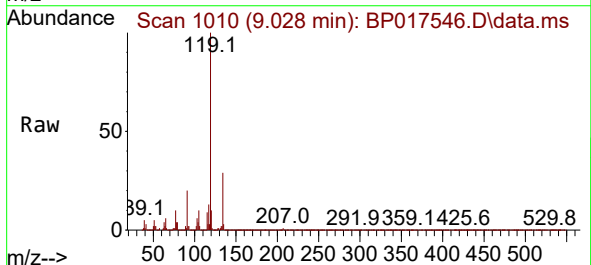
Instrument :
BNA_P
ClientSampleId :
FB(20230926)

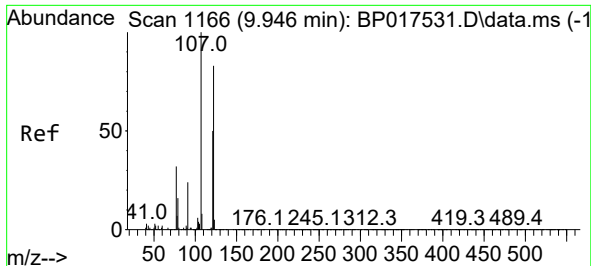
Tgt Ion:108 Resp: 82554
Ion Ratio Lower Upper
108 100
107 118.3 89.0 133.6



#19
Hexachloroethane
Concen: 41.272 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.018 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

Tgt Ion:117 Resp: 124541
Ion Ratio Lower Upper
117 100
201 0.0 83.2 124.8#
199 0.0 52.8 79.2#

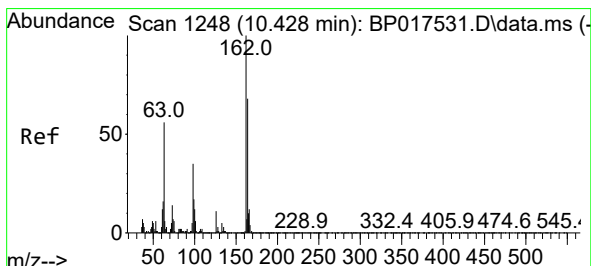
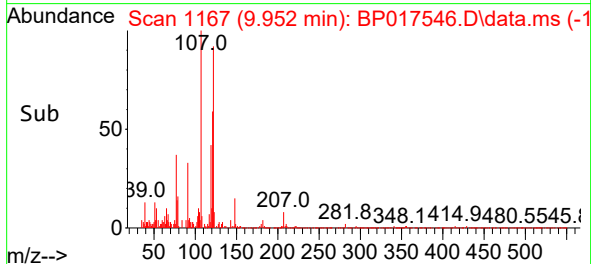
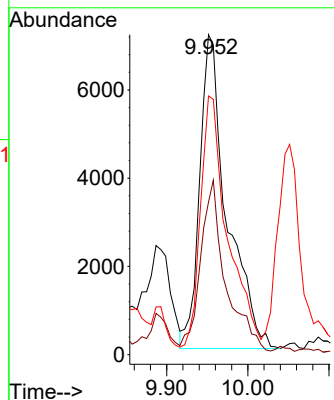
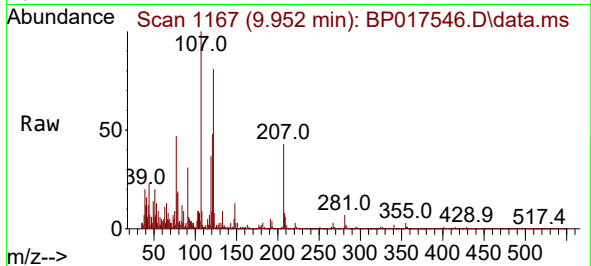




#26
2,4-Dimethylphenol
Concen: 2.305 ng/ul
RT: 9.952 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

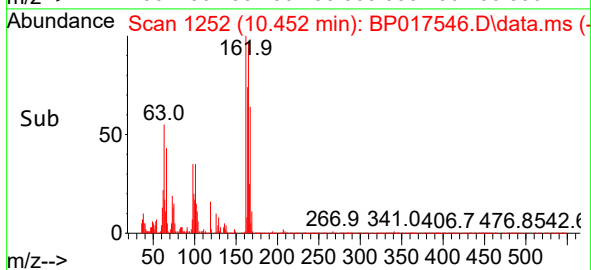
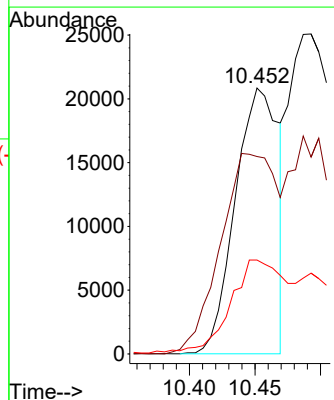
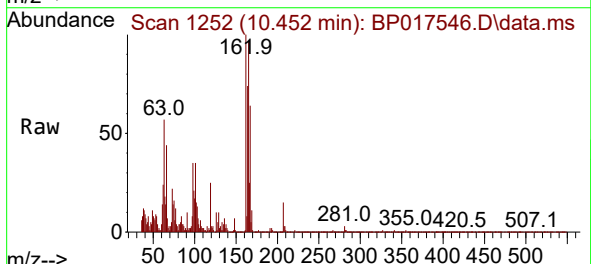
Instrument :
BNA_P
ClientSampleId :
FB(20230926)

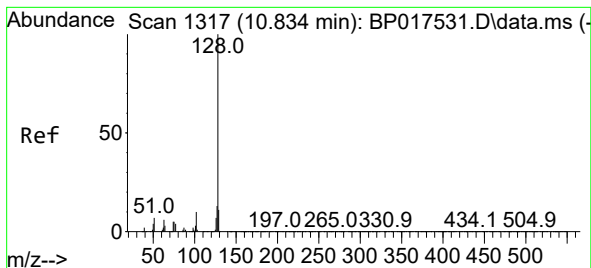
Tgt Ion:	107	Resp:	16621
Ion	Ratio	Lower	Upper
107	100		
121	47.7	39.8	59.8
122	80.8	68.3	102.5



#29
2,4-Dichlorophenol
Concen: 7.761 ng/ul
RT: 10.452 min Scan# 1252
Delta R.T. 0.024 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

Tgt Ion:	162	Resp:	47887
Ion	Ratio	Lower	Upper
162	100		
164	74.3	54.4	81.6
98	35.3	28.2	42.4





#30

Naphthalene

Concen: 174.026 ng/ul

RT: 10.869 min Scan# 11

Delta R.T. 0.035 min

Lab File: BP017546.D

Acq: 04 Oct 2023 22:49

Instrument :

BNA_P

ClientSampleId :

FB(20230926)

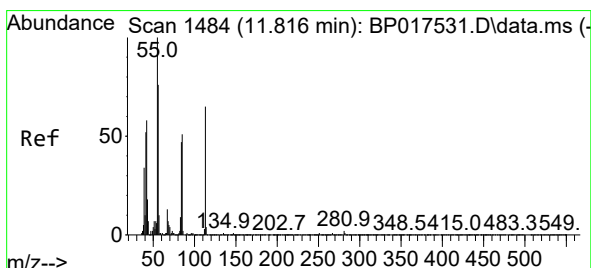
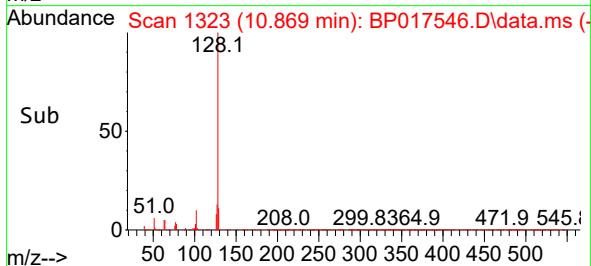
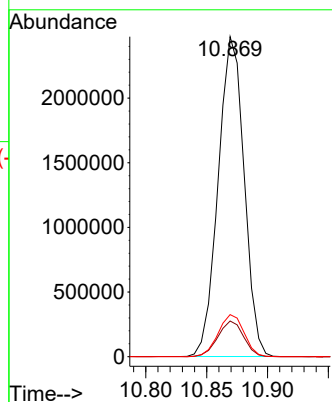
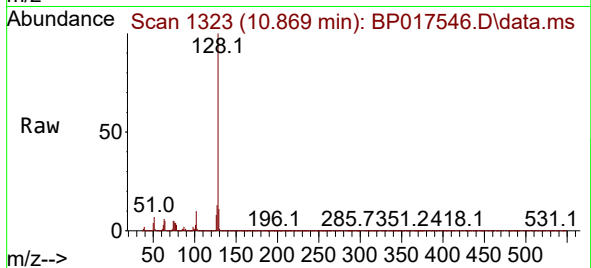
Tgt Ion:128 Resp: 3667748

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.2 10.2 15.4



#34

Caprolactam

Concen: 12.227 ng/ul

RT: 11.828 min Scan# 1486

Delta R.T. 0.012 min

Lab File: BP017546.D

Acq: 04 Oct 2023 22:49

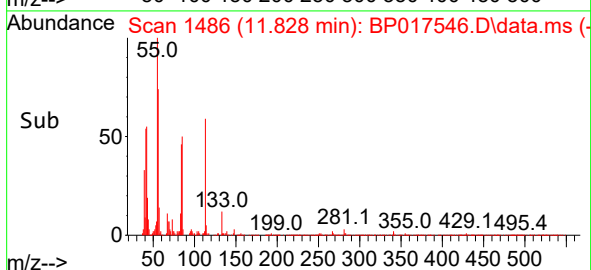
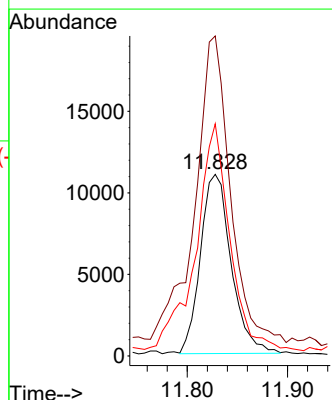
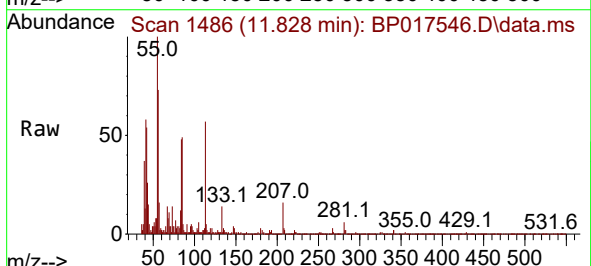
Tgt Ion:113 Resp: 23411

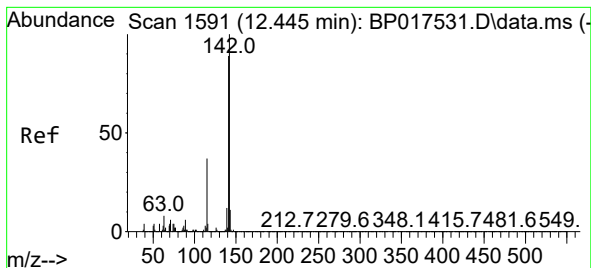
Ion Ratio Lower Upper

113 100

55 176.1 124.6 187.0

56 127.8 94.7 142.1

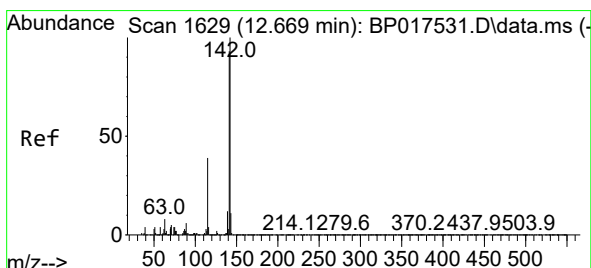
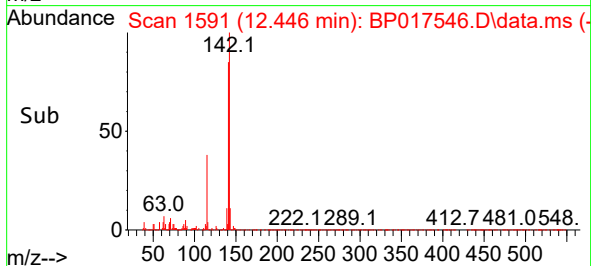
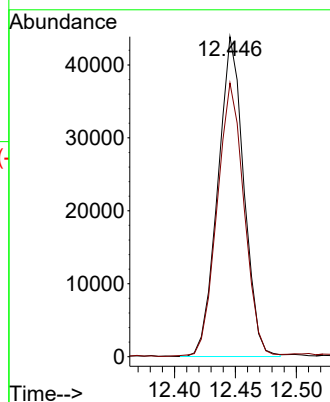
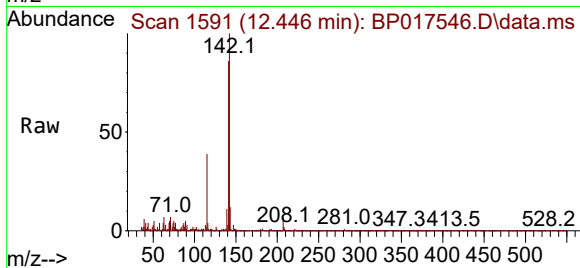




#36
2-Methylnaphthalene
Concen: 4.532 ng/ul
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

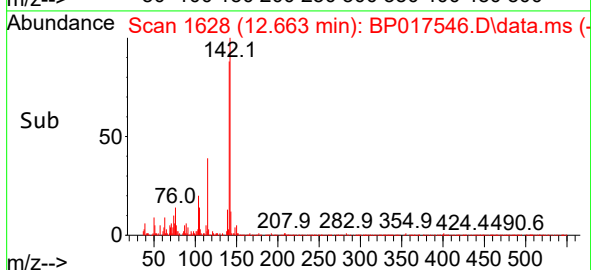
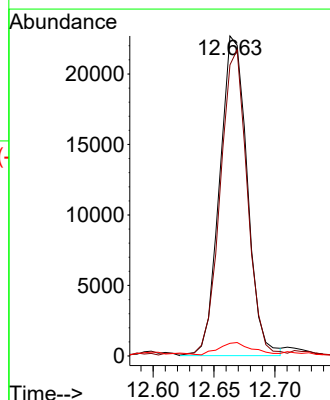
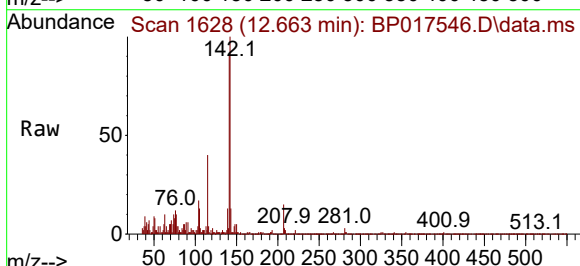
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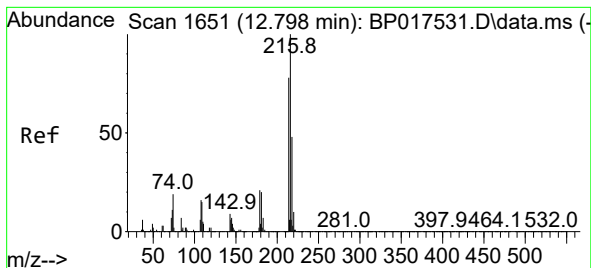
Tgt Ion:142 Resp: 65269
Ion Ratio Lower Upper
142 100
141 85.5 71.4 107.2



#37
1-Methylnaphthalene
Concen: 2.418 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

Tgt Ion:142 Resp: 35724
Ion Ratio Lower Upper
142 100
141 90.9 74.1 111.1
116 4.0 3.4 5.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.081 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017546.D

Acq: 04 Oct 2023 22:49

Instrument :

BNA_P

ClientSampleId :

FB(20230926)

Tgt Ion:216 Resp: 85124

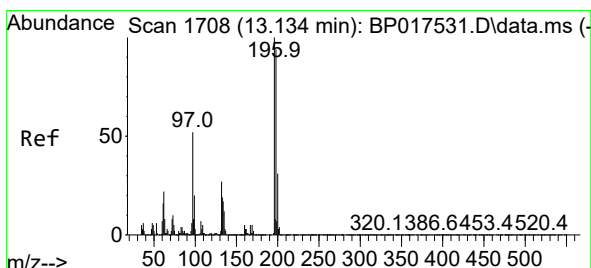
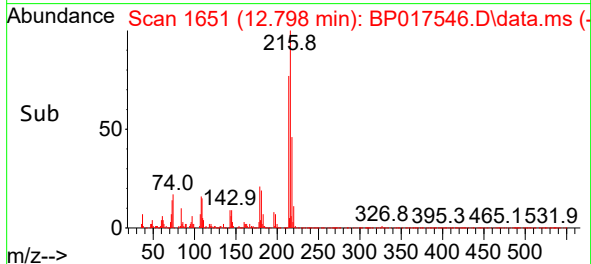
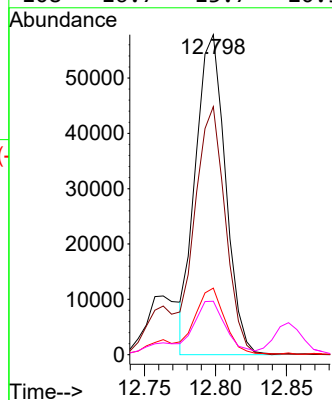
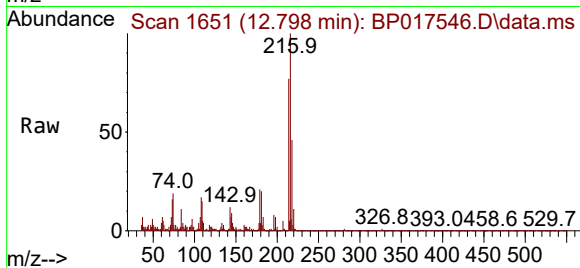
Ion Ratio Lower Upper

216 100

214 77.5 62.6 94.0

179 20.8 17.1 25.7

108 16.7 13.7 20.5



#42

2,4,5-Trichlorophenol

Concen: 27.535 ng/ul

RT: 13.134 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BP017546.D

Acq: 04 Oct 2023 22:49

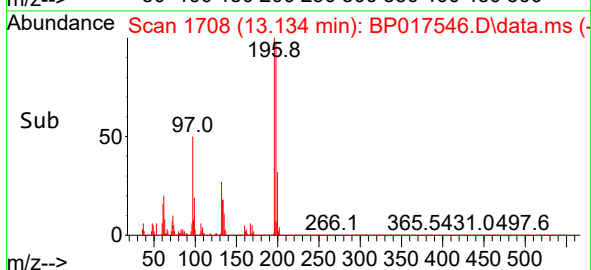
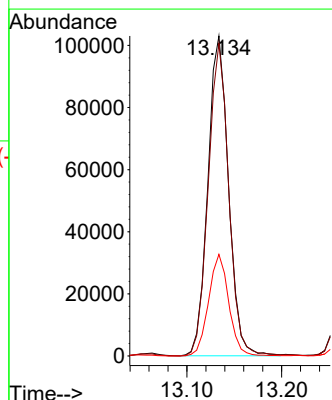
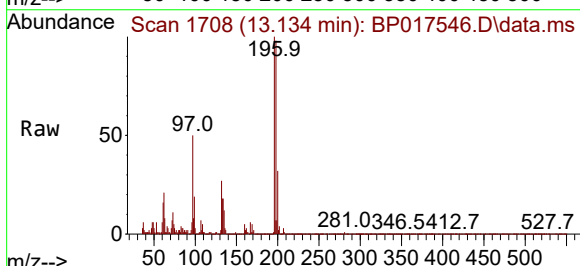
Tgt Ion:196 Resp: 156013

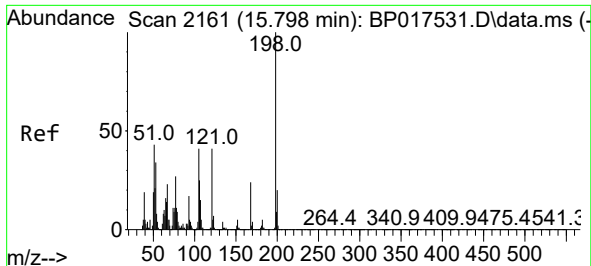
Ion Ratio Lower Upper

196 100

198 97.7 75.4 113.2

200 31.8 24.9 37.3

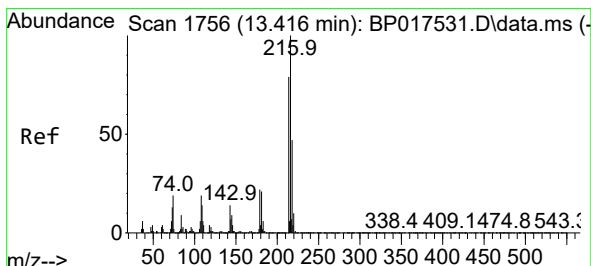
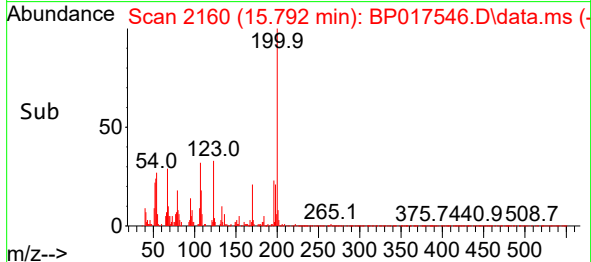
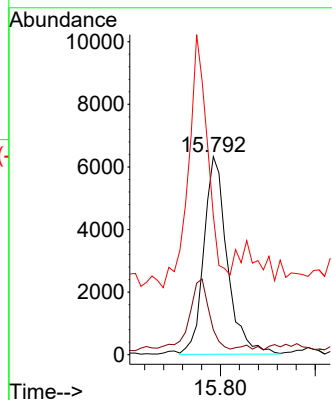
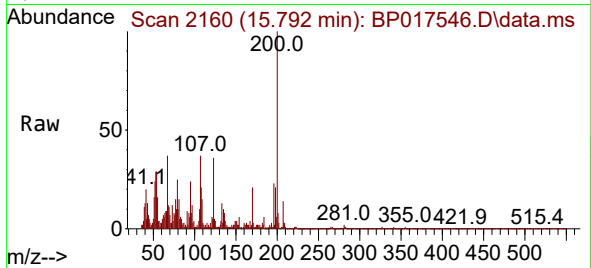




#66
4,6-Dinitro-2-methylphenol
Concen: 2.808 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

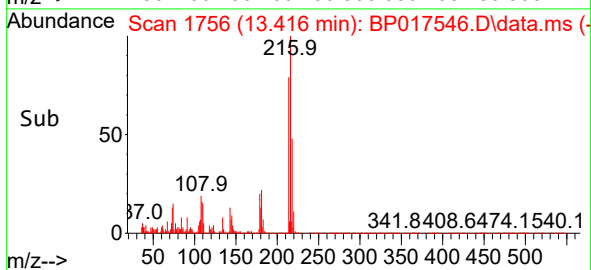
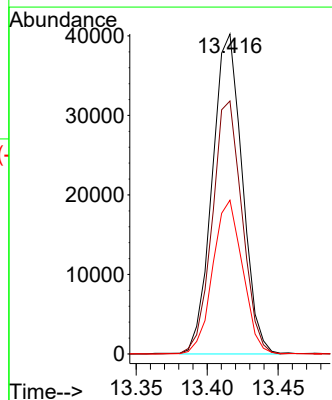
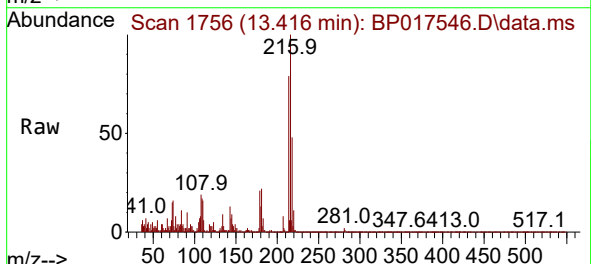
Instrument :
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ClientSampleId :
FB(20230926)

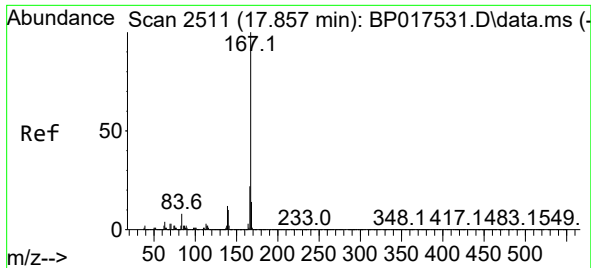
Tgt Ion:198 Resp: 10814
Ion Ratio Lower Upper
198 100
182 12.5 4.2 6.2#
77 70.3 21.6 32.4#



#75
1,2,3,4-Tetrachlorobenzene
Concen: 6.936 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP017546.D
Acq: 04 Oct 2023 22:49

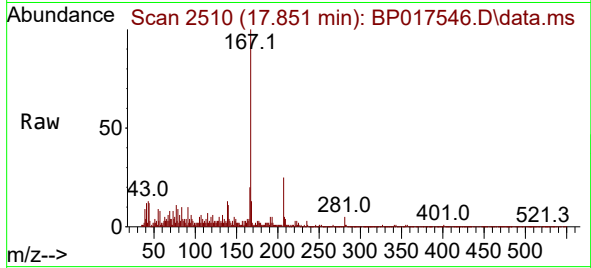
Tgt Ion:216 Resp: 59198
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
218 48.1 38.0 57.0





#77
 Carbazole
 Concen: 1.134 ng/ul
 RT: 17.851 min Scan# 2510
 Delta R.T. -0.006 min
 Lab File: BP017546.D
 Acq: 04 Oct 2023 22:49

Instrument :
 BNA_P
 ClientSampleId :
 FB(20230926)



Tgt Ion:	167	Resp:	32260
Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.3	25.9
139	13.3	9.8	14.6

