

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017178.D
 Acq On : 14 Sep 2023 15:47
 Operator : MA/JU
 Sample : 04247-04DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH9W1DL

Quant Time: Sep 14 22:48:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

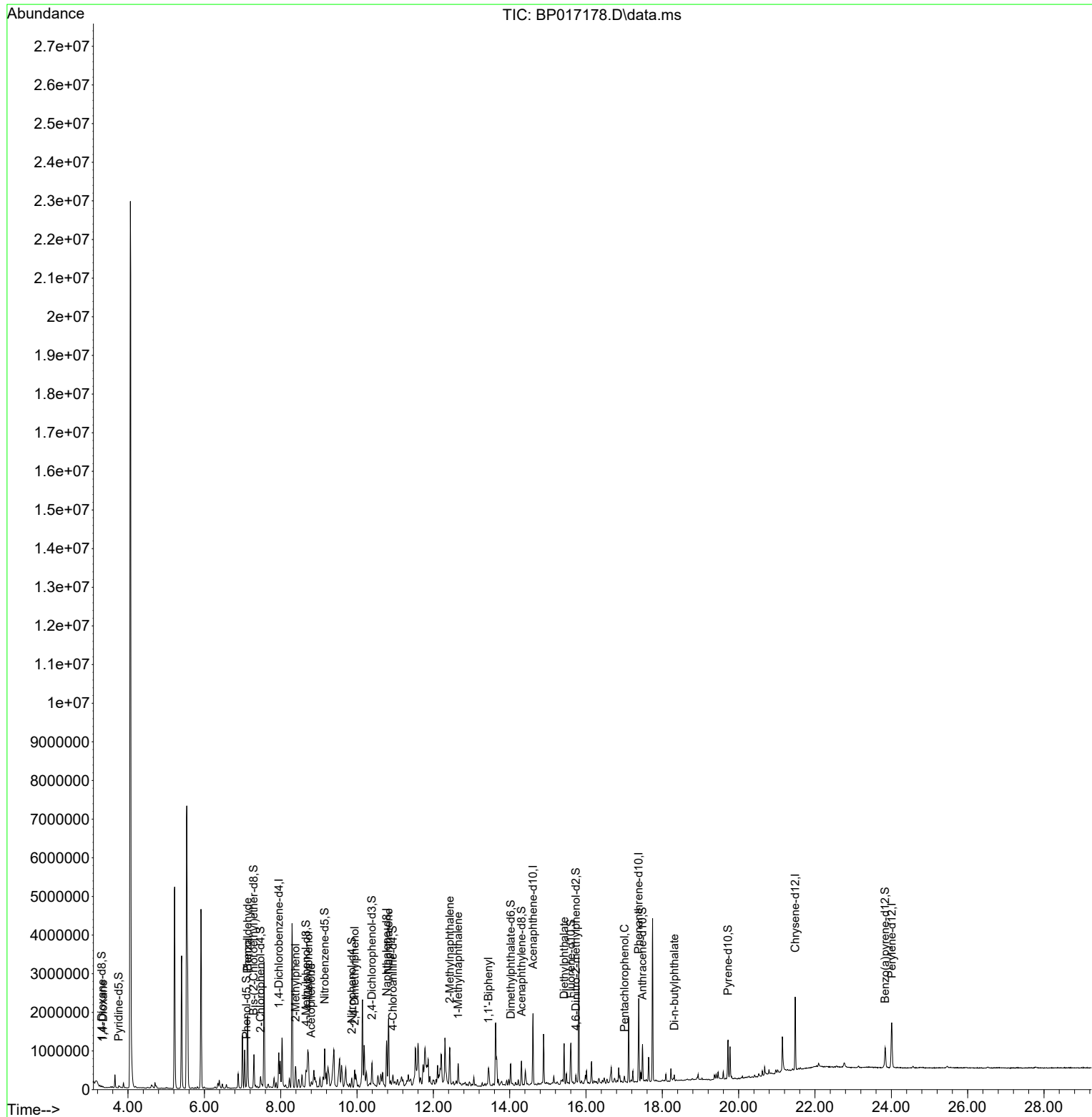
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	208388	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	924841	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.610	164	579924	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1232766	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	883125	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	928463	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	6090	1.228	ng/uL	0.00
4) Pyridine-d5	3.758	84	29290	2.065	ng/u1	0.00
7) Phenol-d5	7.105	99	27535	1.625	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	79765	7.532	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	73249	5.419	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	55263	3.935	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	48332	7.463	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	48252	6.979	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	104470	7.813	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	95715	4.749	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	366011	8.869	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	386251	8.248	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	89	0.011	ng/u1	-0.02
60) Fluorene-d10	15.604	176	318104	8.915	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	39055	5.670	ng/u1	-0.01
73) Anthracene-d10	17.480	188	481088	9.185	ng/u1	0.00
81) Pyrene-d10	19.722	212	498652	10.766	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	380187	8.676	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	11207	2.102	ng/uL#	73
6) Benzaldehyde	7.134	77	69317	7.348	ng/u1#	1
8) Phenol	7.128	94	591841	33.117	ng/u1	97
13) 2-Methylphenol	8.393	108	74018	5.556	ng/u1	97
16) Acetophenone	8.799	105	62832	2.859	ng/u1	96
18) 4-Methylphenol	8.728	108	297602	20.190	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	156720	10.008	ng/u1	97
30) Naphthalene	10.828	128	1154716	24.674	ng/u1	99
36) 2-Methylnaphthalene	12.434	142	397016	12.572	ng/u1	99
37) 1-Methylnaphthalene	12.651	142	239620	7.496	ng/u1	98
43) 1,1'-Biphenyl	13.445	154	124825	3.002	ng/u1	98
59) Diethylphthalate	15.428	149	519300	12.555	ng/u1	100
71) Pentachlorophenol	17.010	266	27431	3.035	ng/u1	93
78) Di-n-butylphthalate	18.316	149	98812	1.574	ng/u1#	98

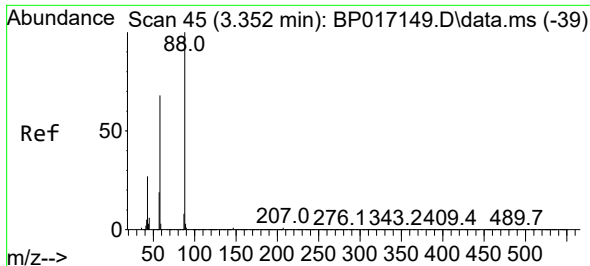
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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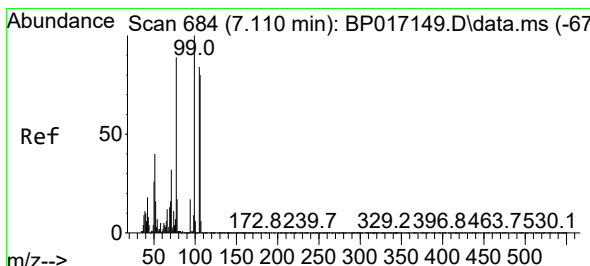
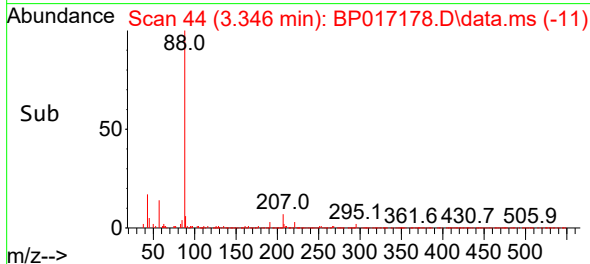
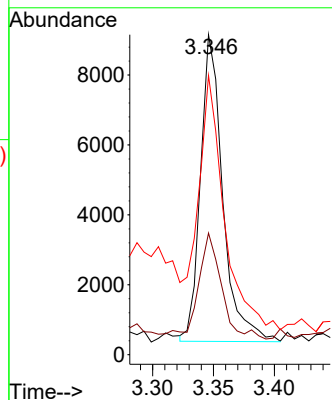
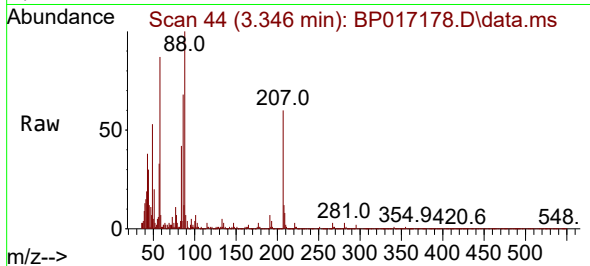




#2
1,4-Dioxane
Concen: 2.102 ng/uL
RT: 3.346 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

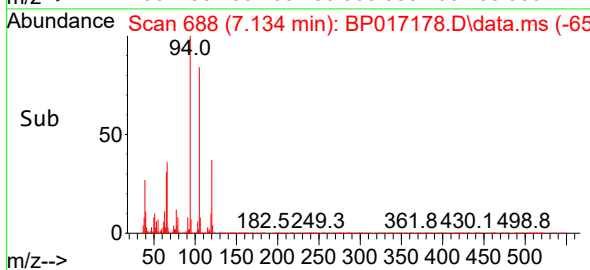
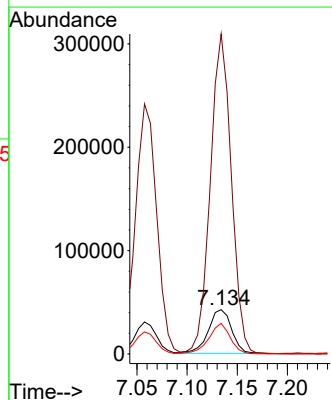
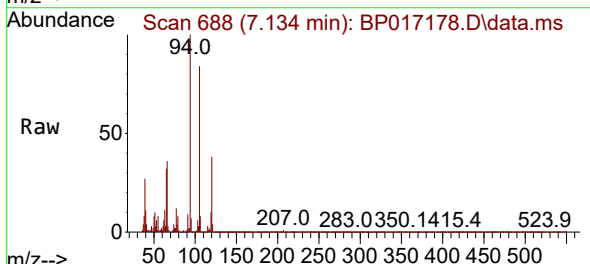
Instrument :
BNA_P
ClientSampleId :
BH9W1DL

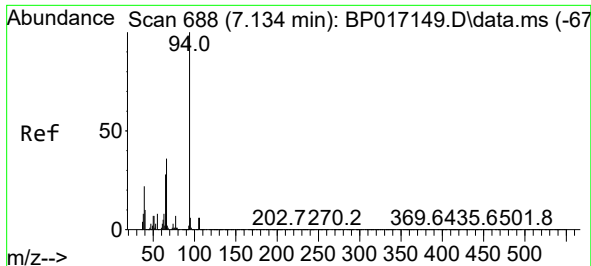
Tgt Ion: 88 Resp: 11207
Ion Ratio Lower Upper
88 100
43 38.0 21.9 32.9#
58 87.3 50.8 76.2#



#6
Benzaldehyde
Concen: 7.348 ng/uL
RT: 7.134 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

Tgt Ion: 77 Resp: 69317
Ion Ratio Lower Upper
77 100
105 722.2 75.3 112.9#
106 68.9 74.6 111.8#

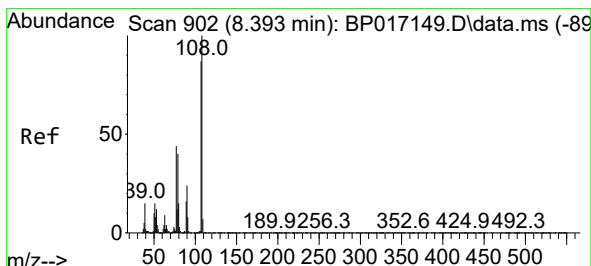
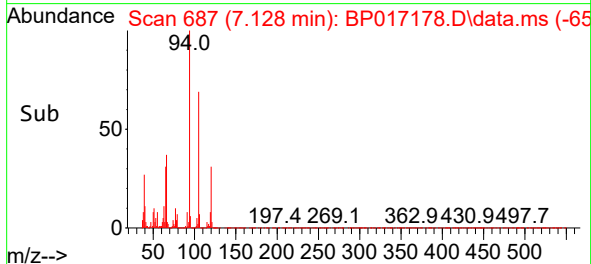
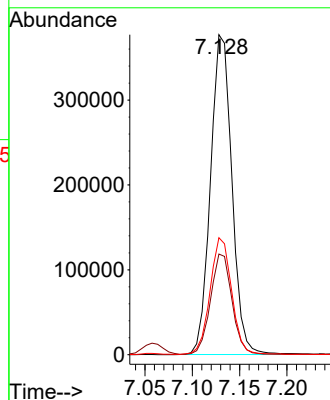
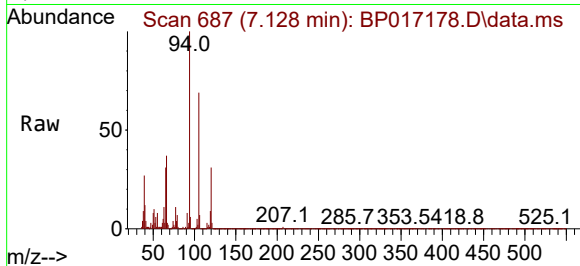




#8
Phenol
Concen: 33.117 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

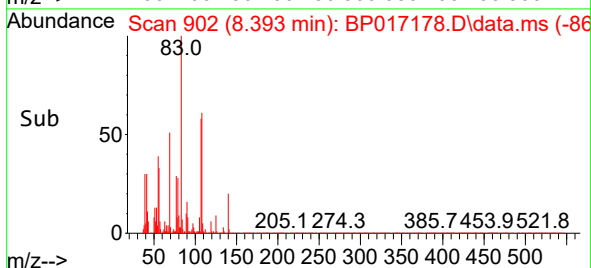
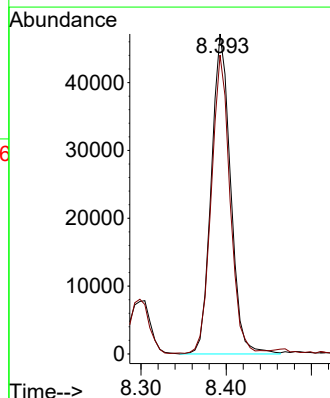
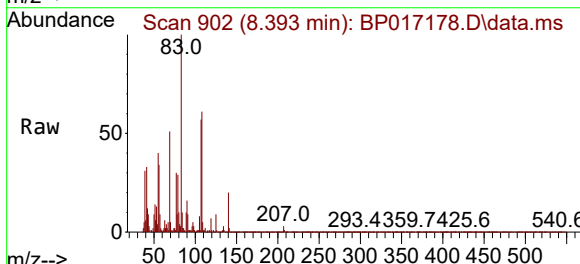
Instrument :
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ClientSampleId :
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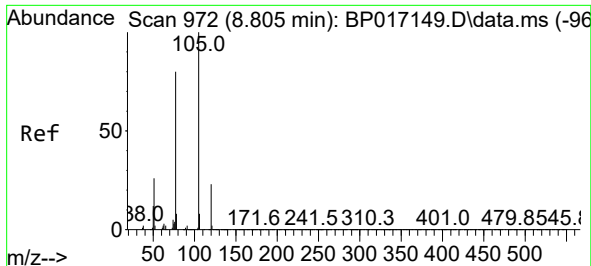
Tgt Ion: 94 Resp: 591841
Ion Ratio Lower Upper
94 100
65 31.5 22.7 34.1
66 36.5 29.6 44.4



#13
2-Methylphenol
Concen: 5.556 ng/ul
RT: 8.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

Tgt Ion:108 Resp: 74018
Ion Ratio Lower Upper
108 100
107 93.4 72.2 108.4

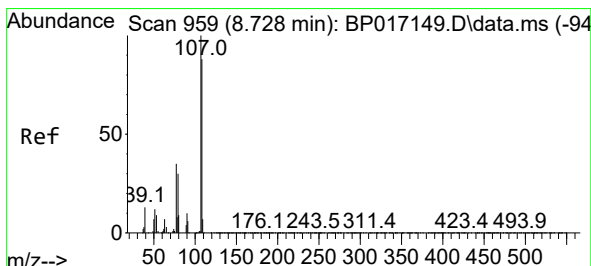
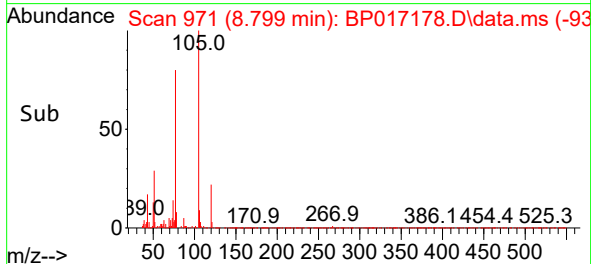
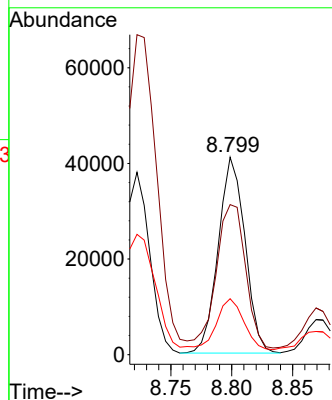
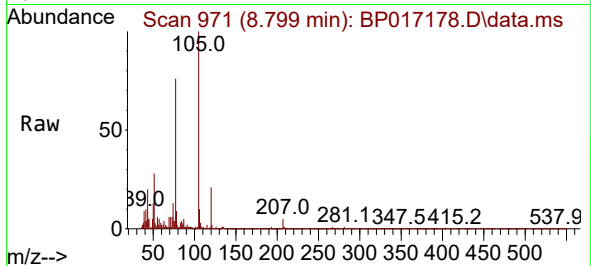




#16
Acetophenone
Concen: 2.859 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

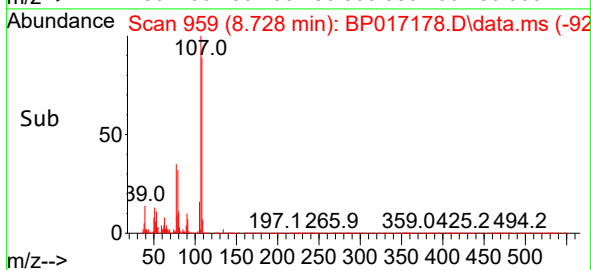
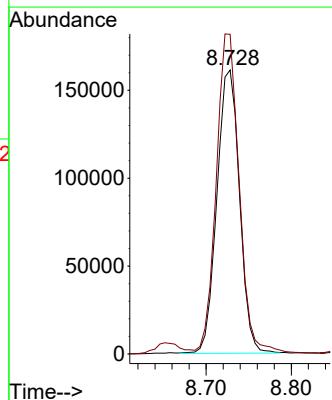
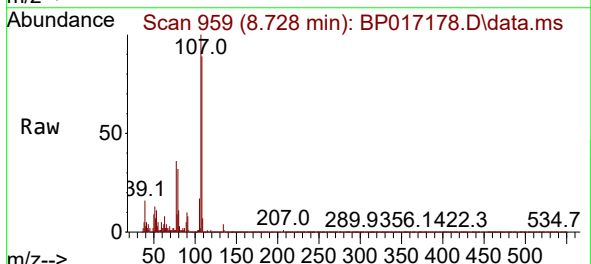
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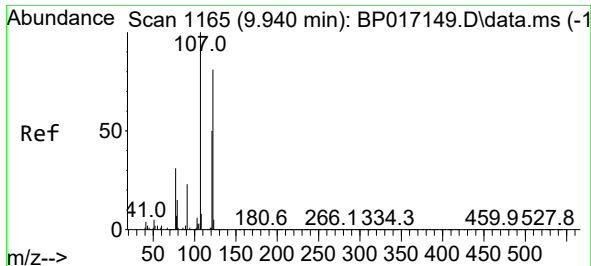
Tgt Ion:105 Resp: 62832
Ion Ratio Lower Upper
105 100
77 76.0 63.0 94.4
51 28.3 20.5 30.7



#18
4-Methylphenol
Concen: 20.190 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

Tgt Ion:108 Resp: 297602
Ion Ratio Lower Upper
108 100
107 112.6 91.4 137.0

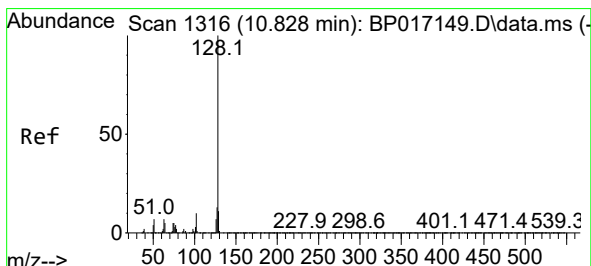
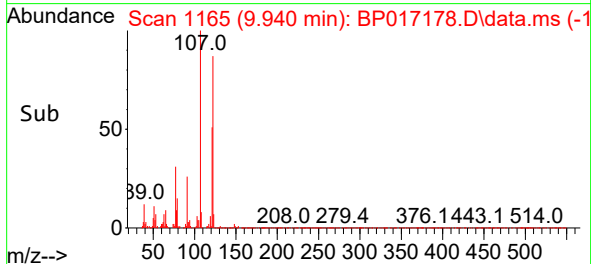
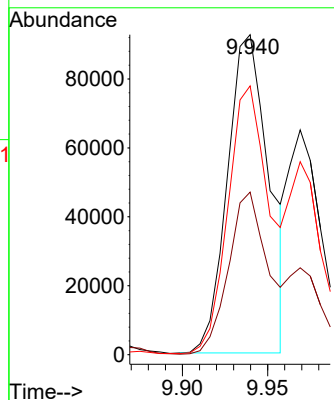
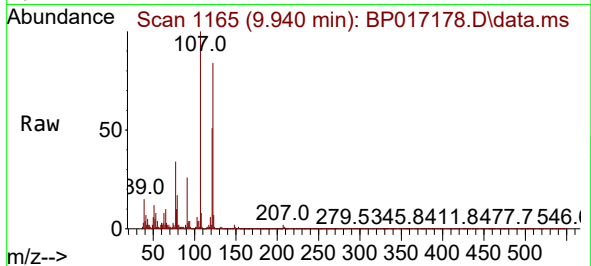




#26
2,4-Dimethylphenol
Concen: 10.008 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

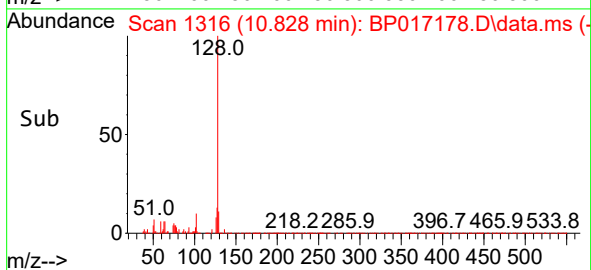
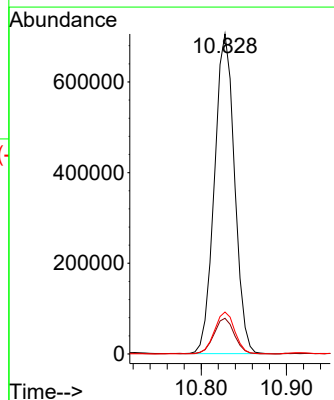
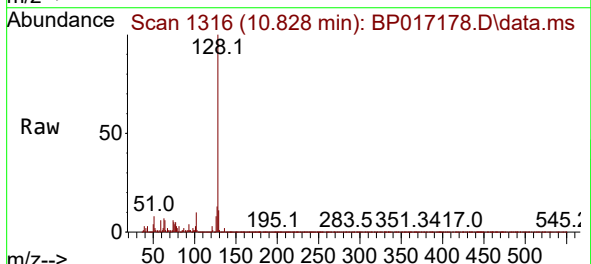
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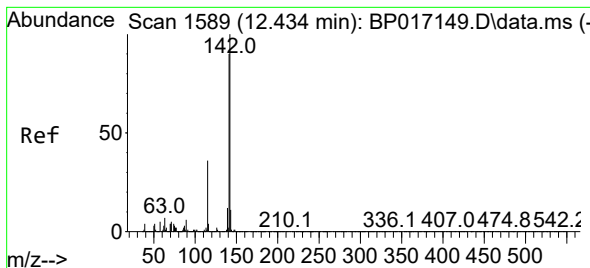
Tgt Ion:107 Resp: 156720
Ion Ratio Lower Upper
107 100
121 50.8 41.7 62.5
122 84.0 70.4 105.6



#30
Naphthalene
Concen: 24.674 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

Tgt Ion:128 Resp: 1154716
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.4 15.6

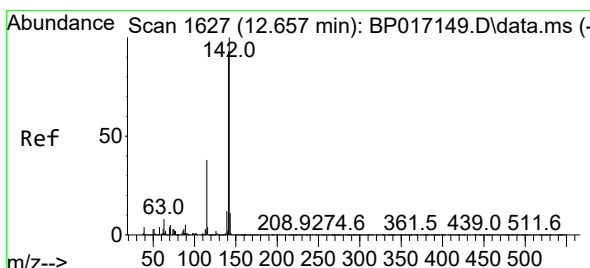
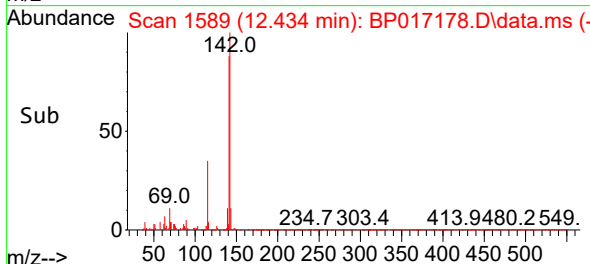
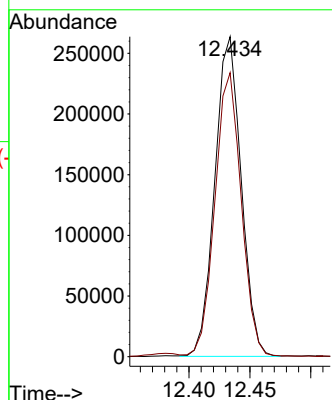
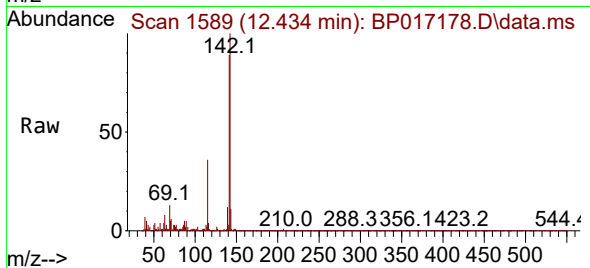




#36
2-Methylnaphthalene
Concen: 12.572 ng/ul
RT: 12.434 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

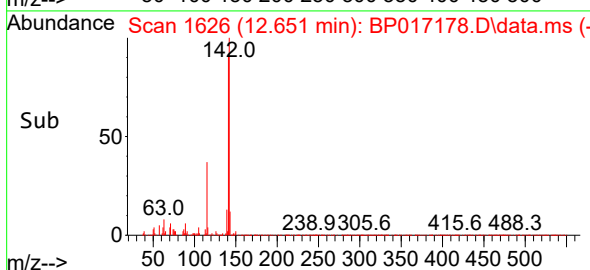
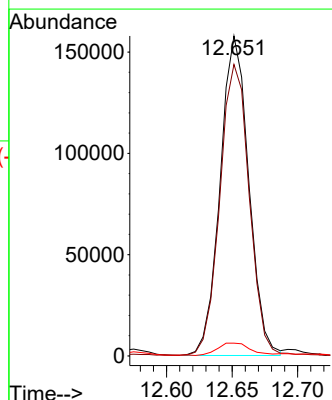
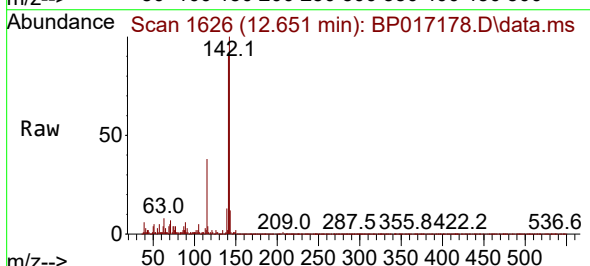
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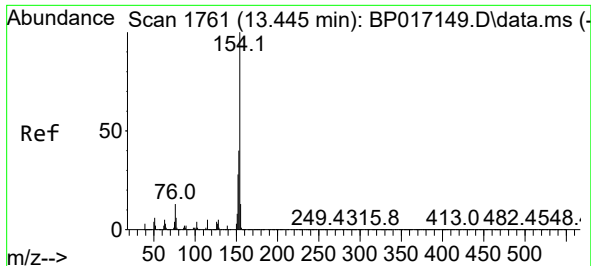
Tgt Ion:142 Resp: 397016
Ion Ratio Lower Upper
142 100
141 88.7 70.1 105.1



#37
1-Methylnaphthalene
Concen: 7.496 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. -0.012 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

Tgt Ion:142 Resp: 239620
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1
116 4.0 3.1 4.7

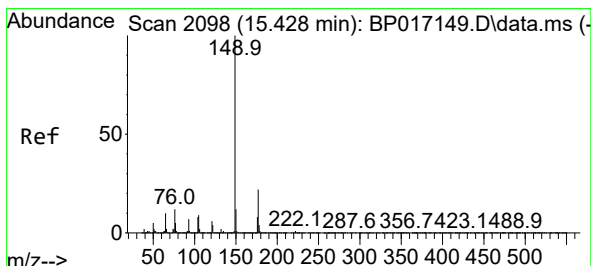
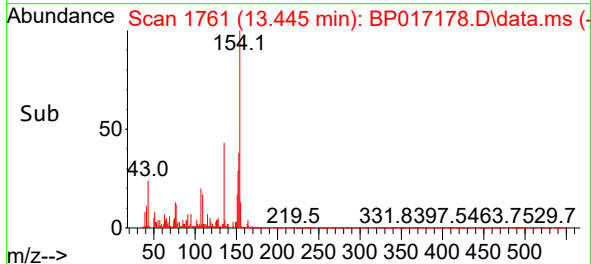
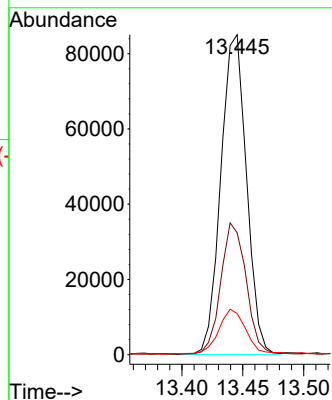
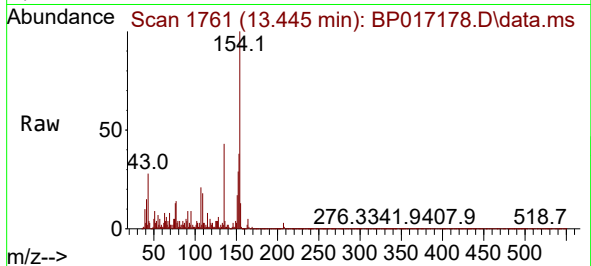




#43
1,1'-Biphenyl
Concen: 3.002 ng/ul
RT: 13.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

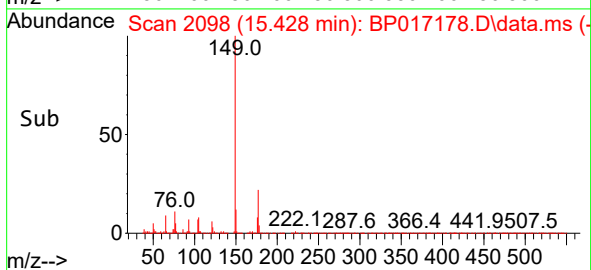
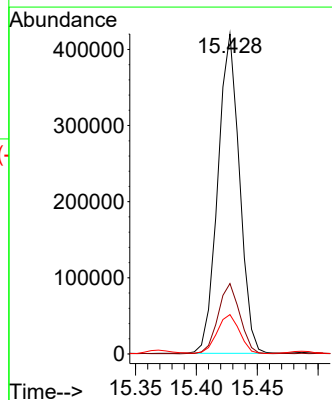
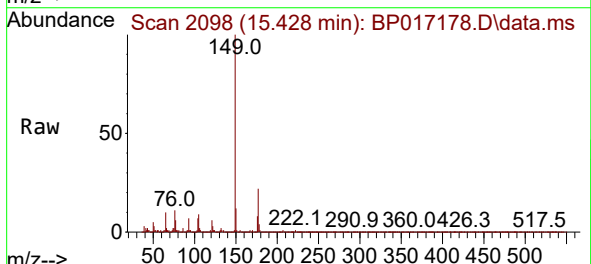
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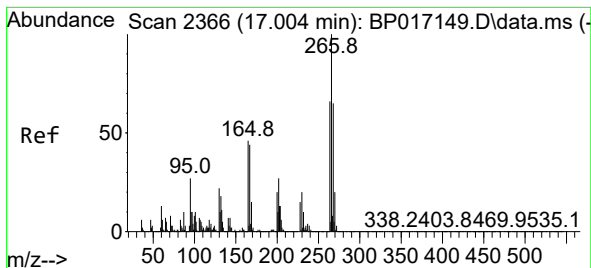
Tgt Ion:154 Resp: 124825
Ion Ratio Lower Upper
154 100
153 38.1 31.8 47.8
76 12.8 10.8 16.2



#59
Diethylphthalate
Concen: 12.555 ng/ul
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP017178.D
Acq: 14 Sep 2023 15:47

Tgt Ion:149 Resp: 519300
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.3 10.0 15.0





#71

Pentachlorophenol

Concen: 3.035 ng/ul

RT: 17.010 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017178.D

Acq: 14 Sep 2023 15:47

Instrument :

BNA_P

ClientSampleId :

BH9W1DL

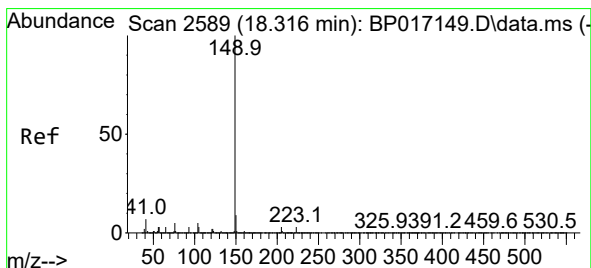
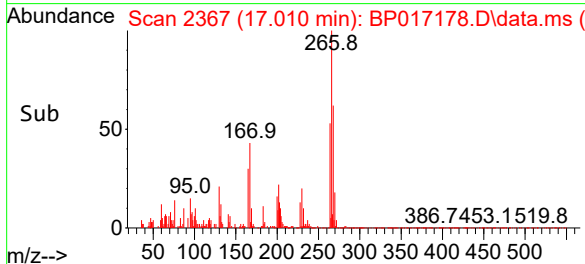
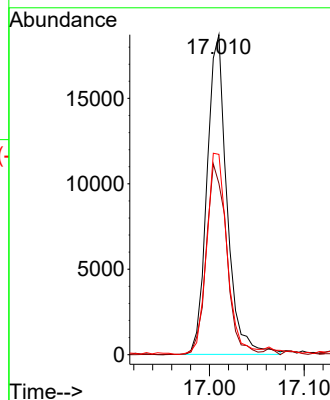
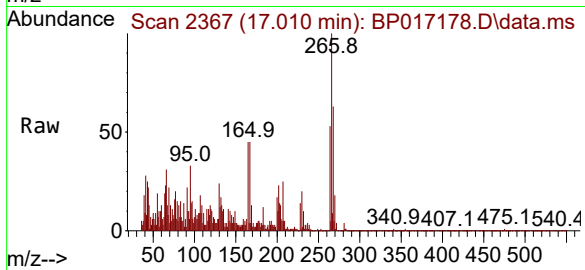
Tgt Ion:266 Resp: 27431

Ion Ratio Lower Upper

266 100

264 53.5 50.7 76.1

268 62.6 51.1 76.7



#78

Di-n-butylphthalate

Concen: 1.574 ng/ul

RT: 18.316 min Scan# 2589

Delta R.T. -0.006 min

Lab File: BP017178.D

Acq: 14 Sep 2023 15:47

Tgt Ion:149 Resp: 98812

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 6.5 4.2 6.4#

