

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014011.D
 Acq On : 09 Mar 2023 15:31
 Operator : CG/JU
 Sample : 01746-16DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAF5DL

Quant Time: Mar 10 00:19:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

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

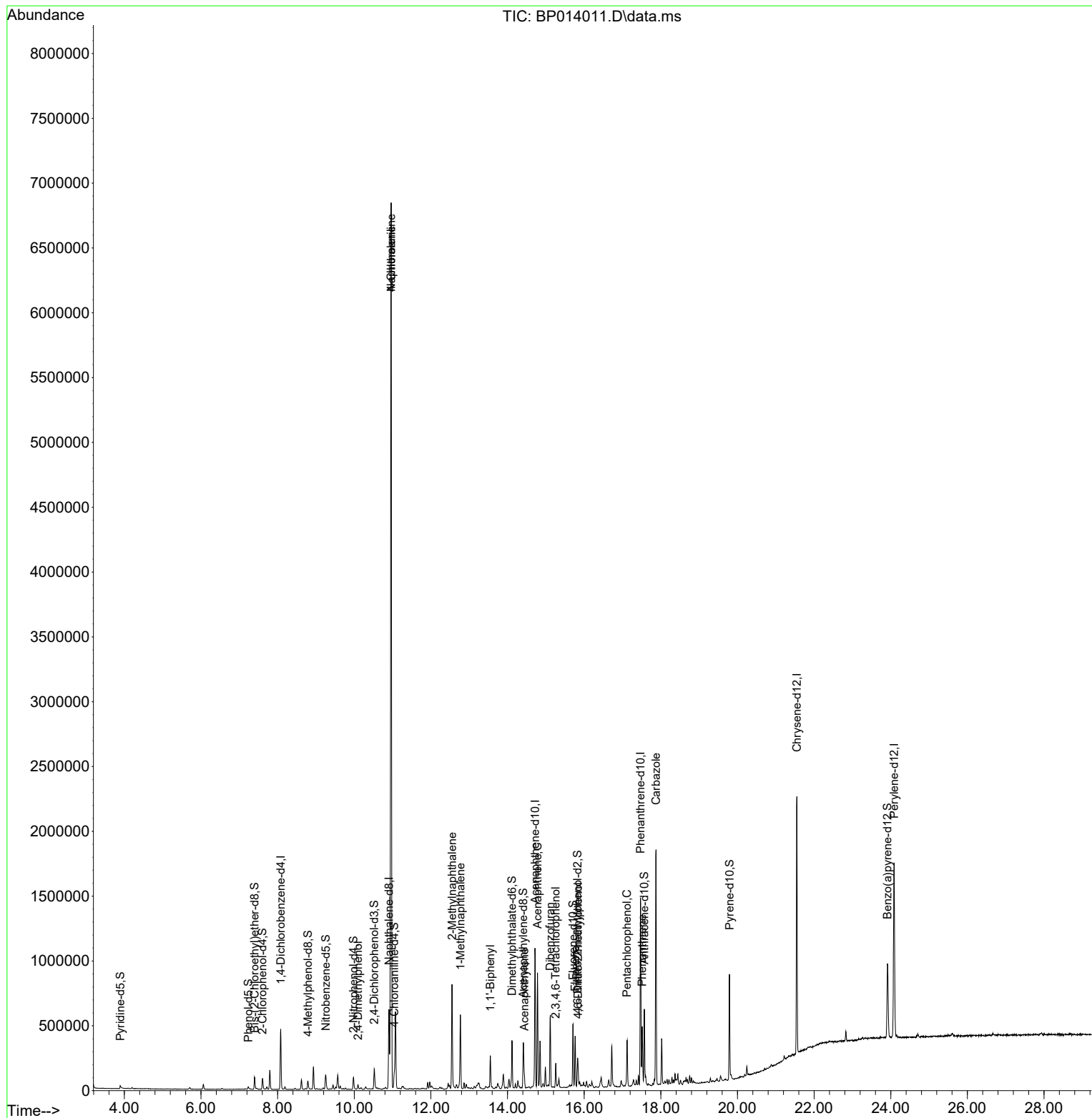
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	120032	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	495725	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	358437	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	870688	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	983343	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	1078176	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	1507	0.474	ng/uL	0.00
4) Pyridine-d5	3.893	84	14633	1.664	ng/ul	0.02
7) Phenol-d5	7.234	99	12568	1.187	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	41948	6.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	37455	4.641	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	25037	2.894	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	24883	6.291	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	27041	5.711	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	49225	5.525	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	53849	4.567	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	221320	7.276	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	215103	6.675	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	4618	0.861	ng/ul	0.01
60) Fluorene-d10	15.710	176	184787	7.168	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	46103	7.006	ng/ul	0.00
73) Anthracene-d10	17.569	188	322088	7.620	ng/ul	0.00
81) Pyrene-d10	19.792	212	426565	7.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	436676	7.614	ng/ul	-0.01
Target Compounds						Qvalue
26) 2,4-Dimethylphenol	10.099	107	10909	1.021	ng/ul	90
30) Naphthalene	10.963	128	5319592	195.417	ng/ul	99
32) 4-Chloroaniline	10.963	127	725590	61.160	ng/ul#	12
36) 2-Methylnaphthalene	12.551	142	338789	17.744	ng/ul	97
37) 1-Methylnaphthalene	12.769	142	225298	11.740	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	118488	4.294	ng/ul	99
50) Acenaphthylene	14.440	152	35251	1.042	ng/ul	95
52) Acenaphthene	14.781	153	337489	14.275	ng/ul	99
56) Dibenzofuran	15.116	168	337126	9.802	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	37244	4.357	ng/ul	93
61) Fluorene	15.763	166	166742	5.849	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.839	198	33689	5.366	ng/ul#	62
71) Pentachlorophenol	17.116	266	45673	5.633	ng/ul	98
72) Phenanthrene	17.510	178	227723	4.795	ng/ul	99
77) Carbazole	17.875	167	1093096	25.736	ng/ul	100

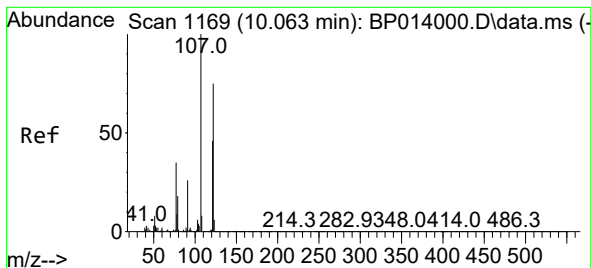
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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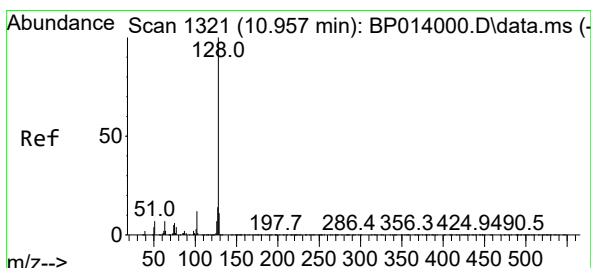
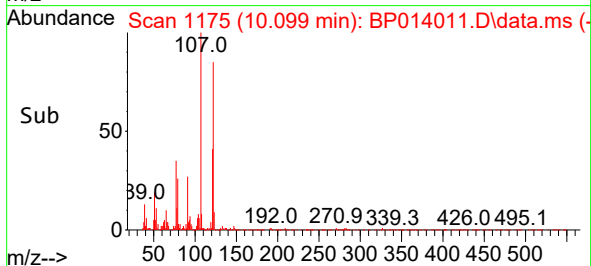
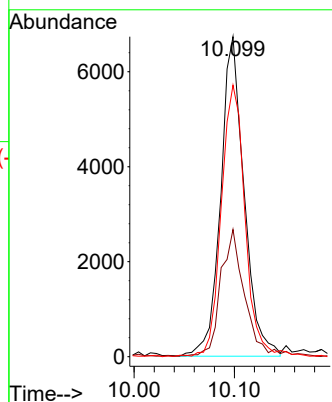
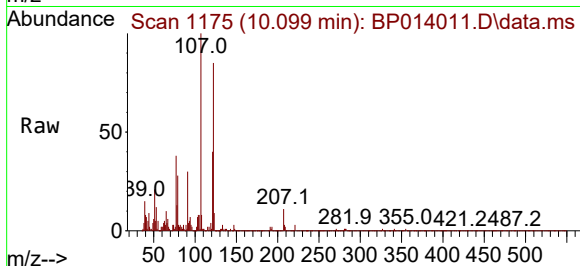




#26
2,4-Dimethylphenol
Concen: 1.021 ng/ul
RT: 10.099 min Scan# 1175
Delta R.T. 0.029 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

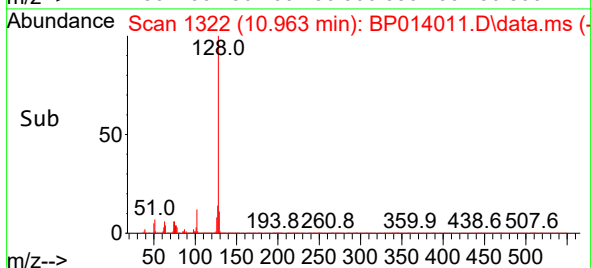
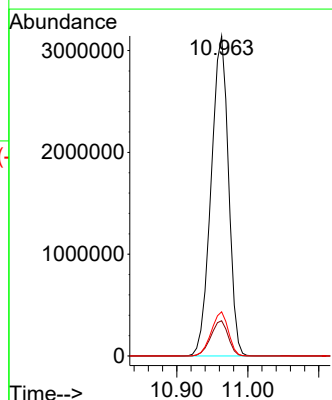
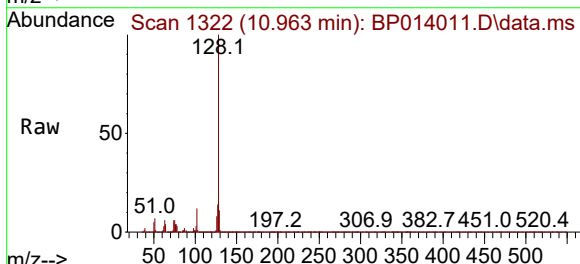
Instrument :
BNA_P
ClientSampleId :
DCAF5DL

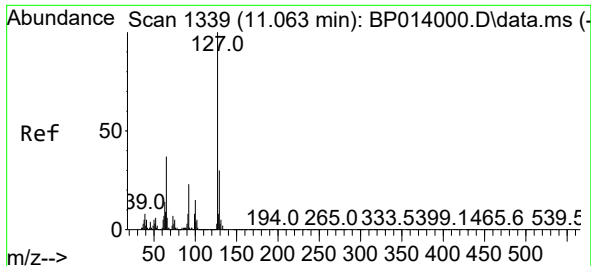
Tgt Ion:107 Resp: 10909
Ion Ratio Lower Upper
107 100
121 39.8 37.1 55.7
122 84.9 61.2 91.8



#30
Naphthalene
Concen: 195.417 ng/ul
RT: 10.963 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

Tgt Ion:128 Resp: 5319592
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.8 11.0 16.4

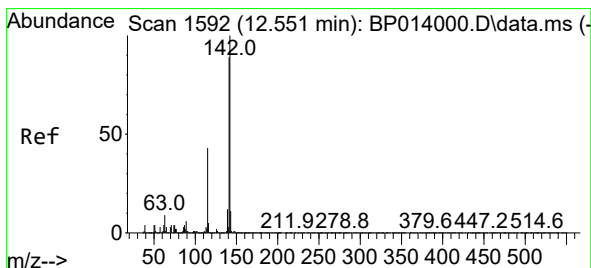
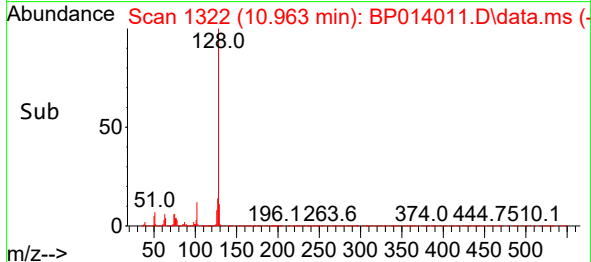
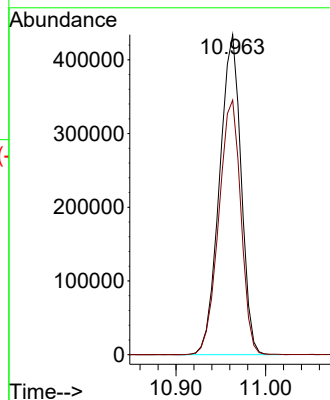
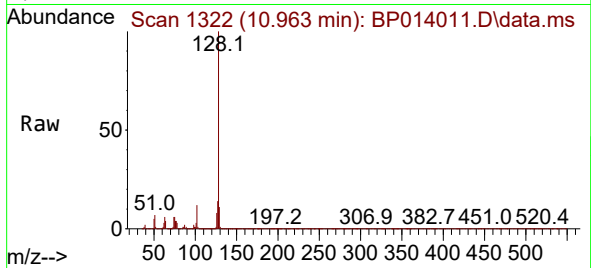




#32
4-Chloroaniline
Concen: 61.160 ng/ul
RT: 10.963 min Scan# 1339
Delta R.T. -0.106 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

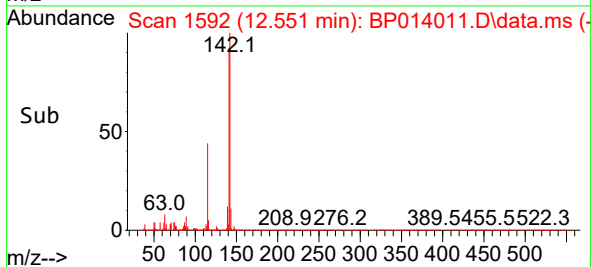
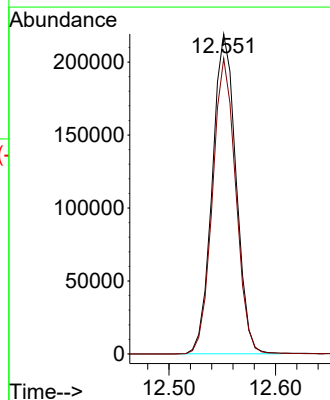
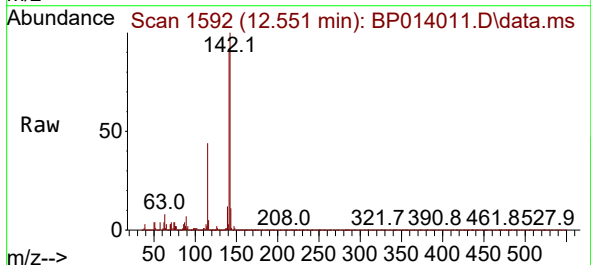
Instrument :
BNA_P
ClientSampleId :
DCAF5DL

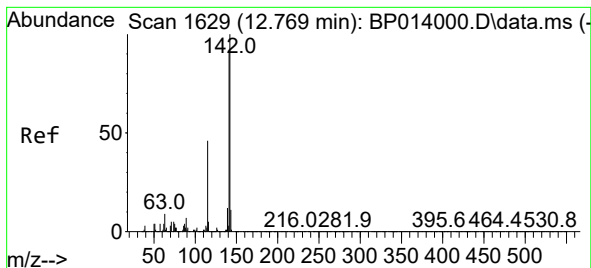
Tgt Ion:127 Resp: 725590
Ion Ratio Lower Upper
127 100
129 79.5 24.9 37.3#



#36
2-Methylnaphthalene
Concen: 17.744 ng/ul
RT: 12.551 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

Tgt Ion:142 Resp: 338789
Ion Ratio Lower Upper
142 100
141 92.4 71.7 107.5





#37

1-Methylnaphthalene

Concen: 11.740 ng/ul

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014011.D

Acq: 09 Mar 2023 15:31

Instrument :

BNA_P

ClientSampleId :

DCAF5DL

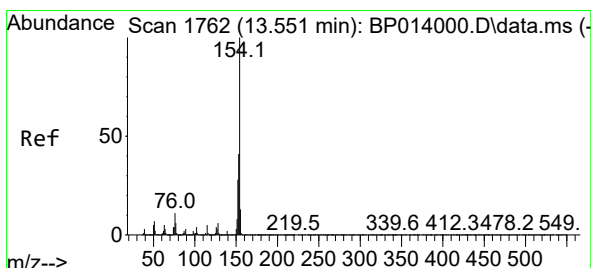
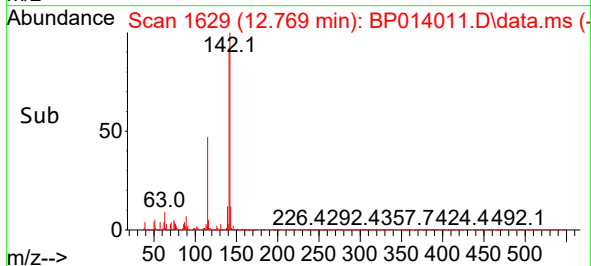
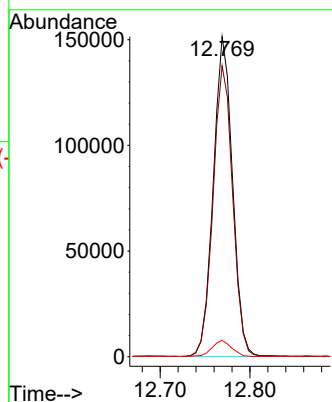
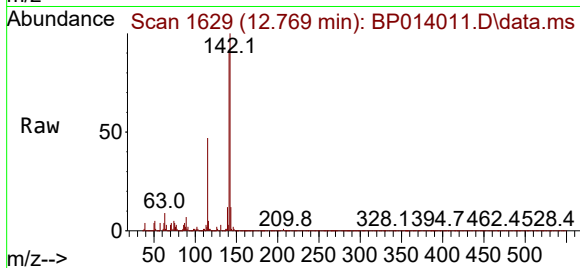
Tgt Ion:142 Resp: 225298

Ion Ratio Lower Upper

142 100

141 90.9 73.8 110.6

116 5.1 3.7 5.5



#43

1,1'-Biphenyl

Concen: 4.294 ng/ul

RT: 13.551 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BP014011.D

Acq: 09 Mar 2023 15:31

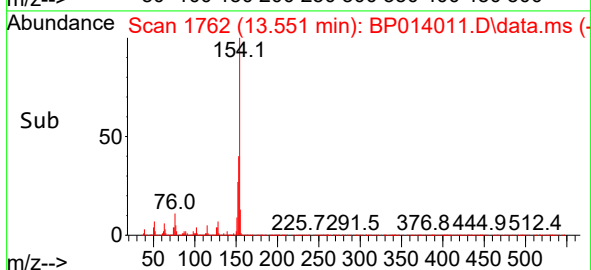
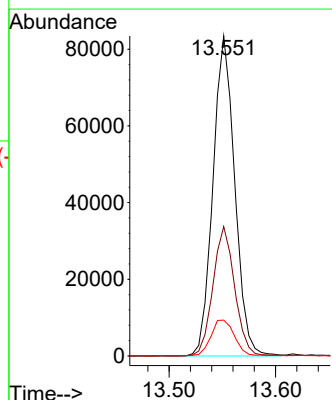
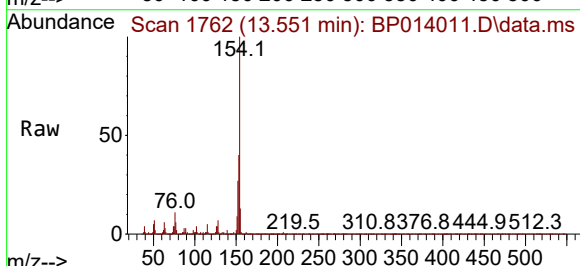
Tgt Ion:154 Resp: 118488

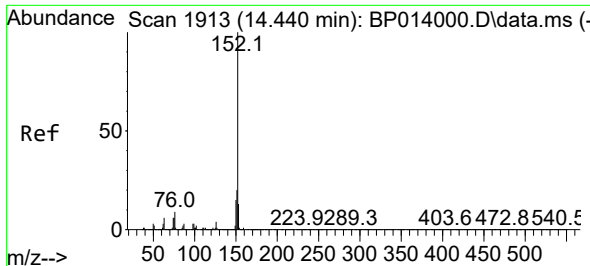
Ion Ratio Lower Upper

154 100

153 40.4 32.6 49.0

76 11.2 9.4 14.0

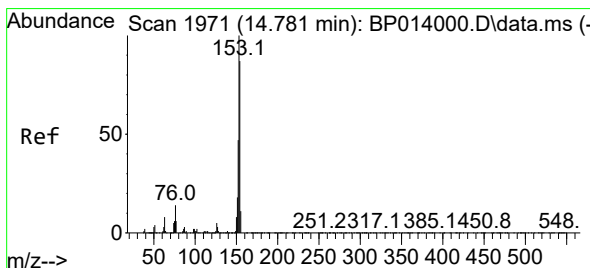
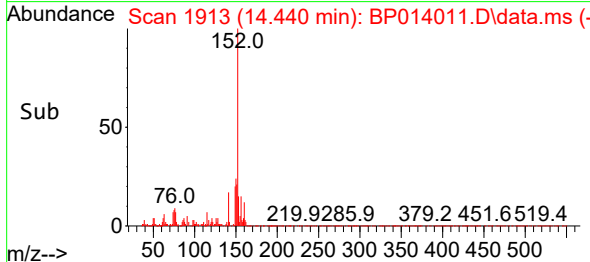
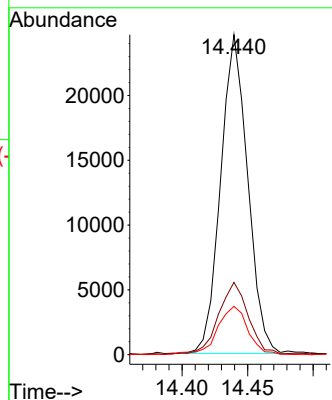
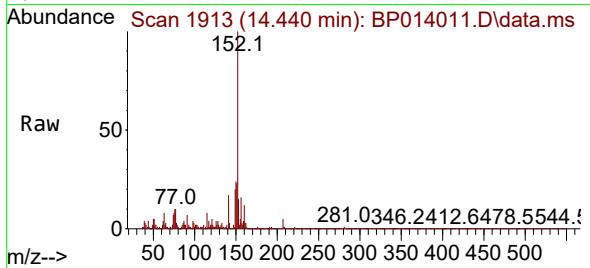




#50
Acenaphthylene
Concen: 1.042 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

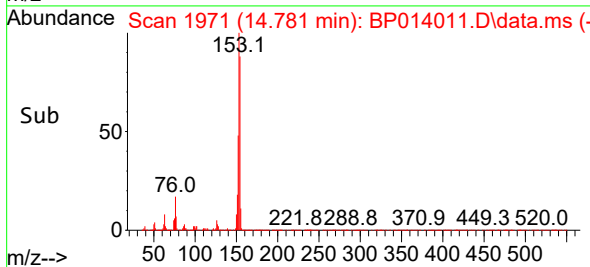
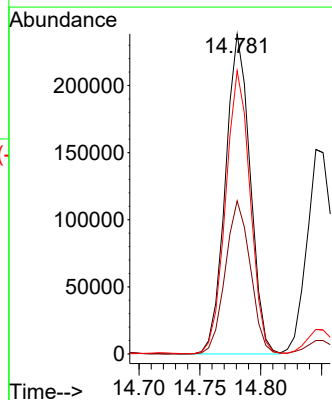
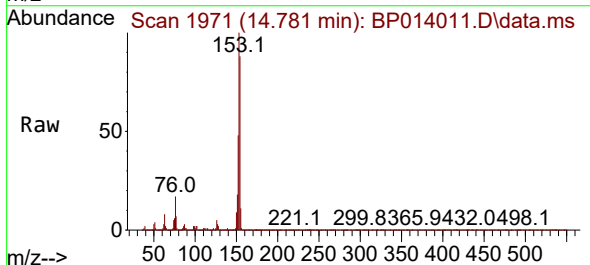
Instrument :
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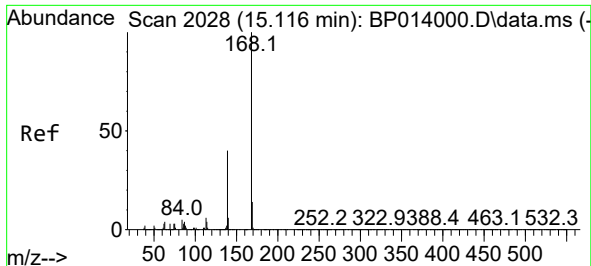
Tgt Ion:152 Resp: 35251
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.2
153 15.1 10.4 15.6



#52
Acenaphthene
Concen: 14.275 ng/ul
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

Tgt Ion:153 Resp: 337489
Ion Ratio Lower Upper
153 100
152 47.9 37.7 56.5
154 88.5 70.4 105.6

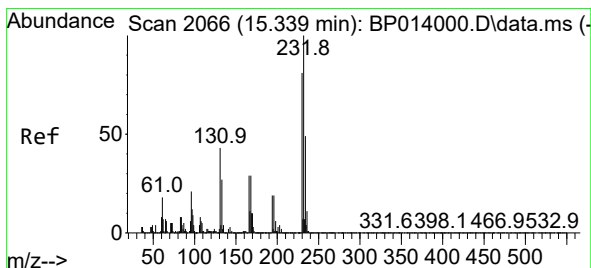
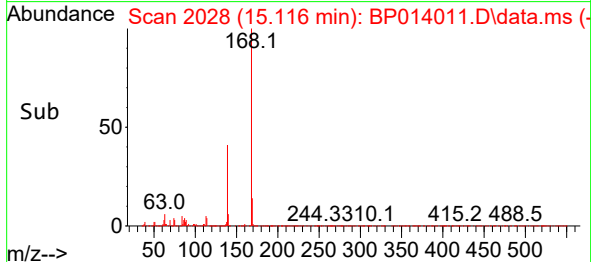
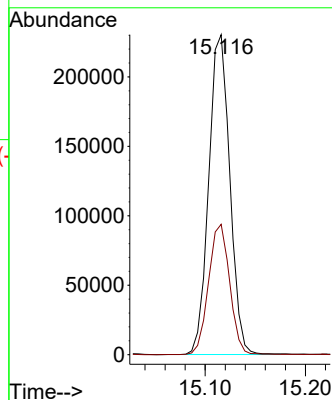
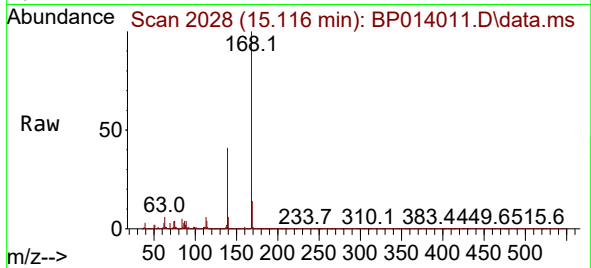




#56
Dibenzenofuran
Concen: 9.802 ng/ul
RT: 15.116 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

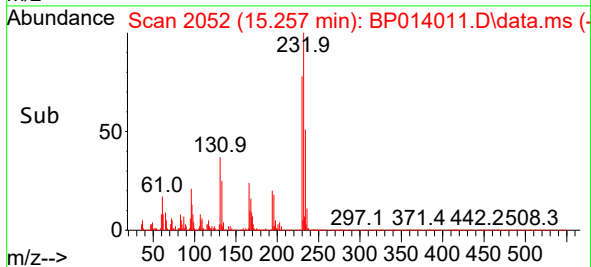
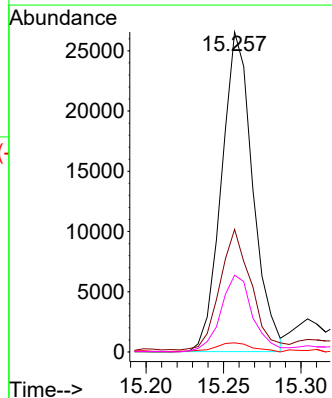
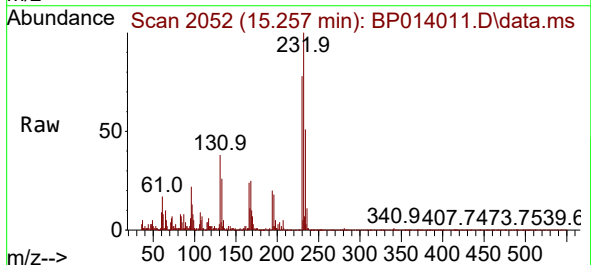
Instrument :
BNA_P
ClientSampleId :
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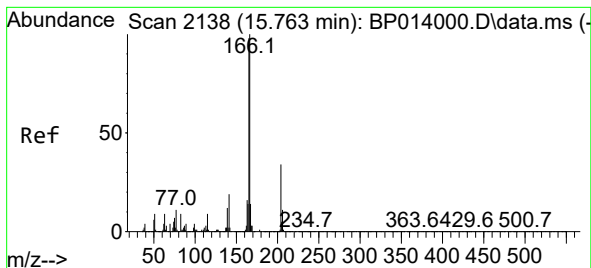
Tgt Ion:168 Resp: 337126
Ion Ratio Lower Upper
168 100
139 40.7 31.8 47.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.357 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. -0.088 min
Lab File: BP014011.D
Acq: 09 Mar 2023 15:31

Tgt Ion:232 Resp: 37244
Ion Ratio Lower Upper
232 100
131 38.3 34.1 51.1
130 2.8 2.1 3.1
166 24.0 23.0 34.6





#61

Fluorene

Concen: 5.849 ng/ul

RT: 15.763 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BP014011.D

Acq: 09 Mar 2023 15:31

Instrument :

BNA_P

ClientSampleId :

DCAF5DL

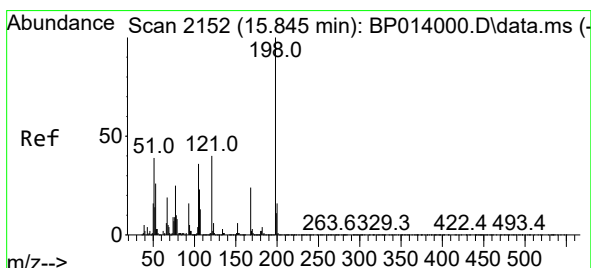
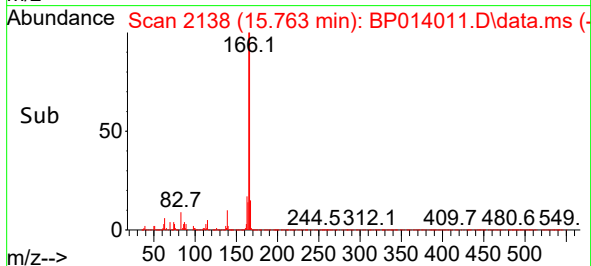
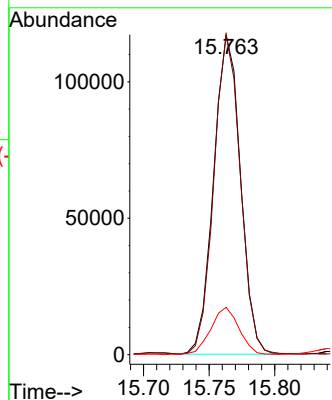
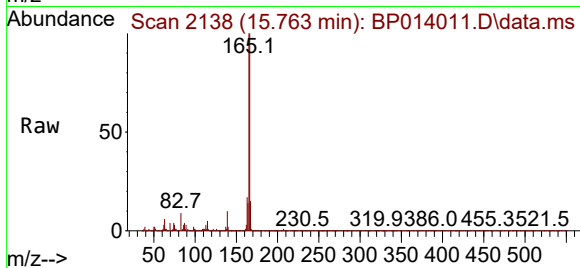
Tgt Ion:166 Resp: 166742

Ion Ratio Lower Upper

166 100

165 99.8 78.9 118.3

167 14.8 11.0 16.6



#66

4,6-Dinitro-2-methylphenol

Concen: 5.366 ng/ul

RT: 15.839 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BP014011.D

Acq: 09 Mar 2023 15:31

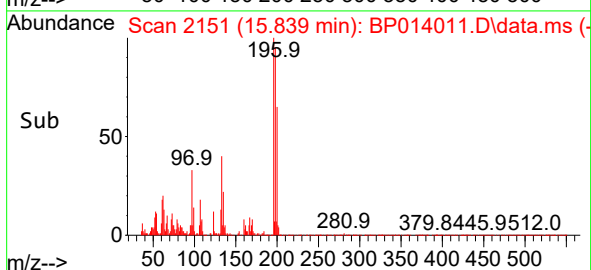
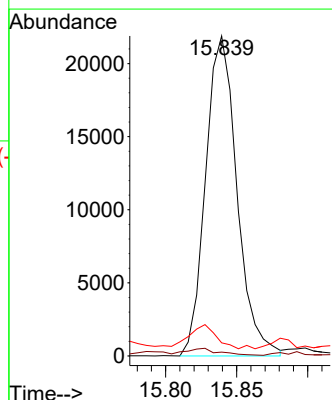
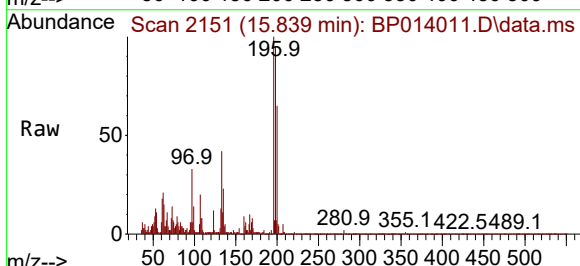
Tgt Ion:198 Resp: 33689

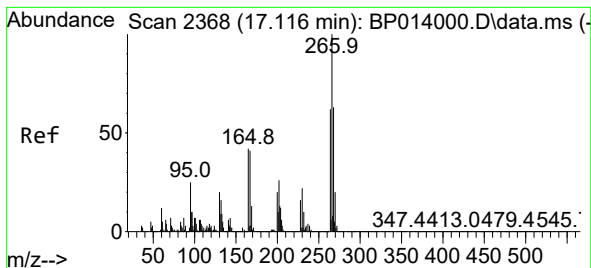
Ion Ratio Lower Upper

198 100

182 1.2 3.0 4.6#

77 4.1 20.3 30.5#





#71

Pentachlorophenol

Concen: 5.633 ng/ul

RT: 17.116 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014011.D

Acq: 09 Mar 2023 15:31

Instrument :

BNA_P

ClientSampleId :

DCAF5DL

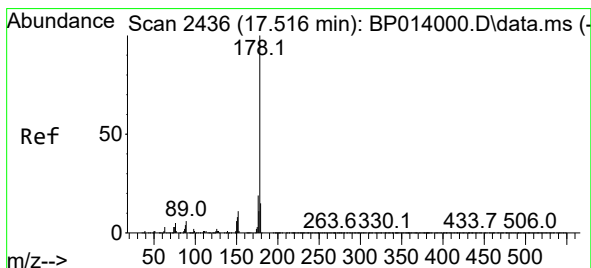
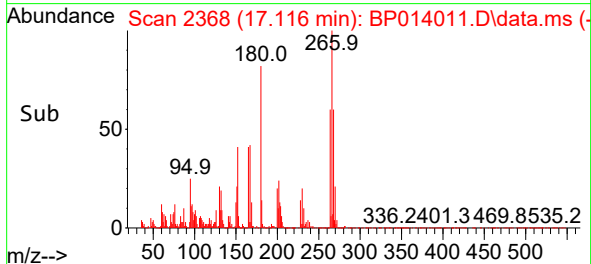
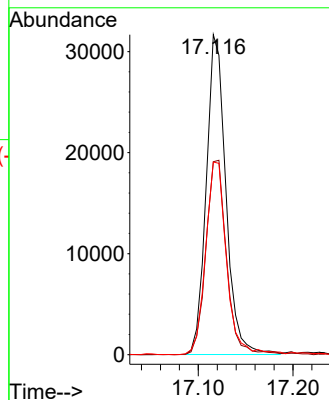
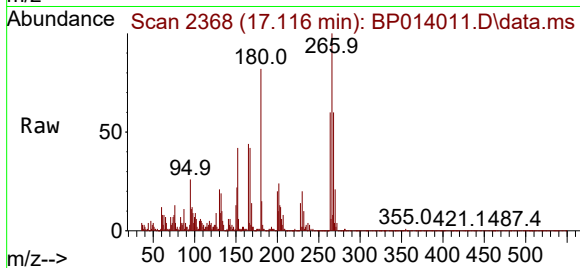
Tgt Ion:266 Resp: 45673

Ion Ratio Lower Upper

266 100

264 60.3 48.4 72.6

268 60.2 50.4 75.6



#72

Phenanthrene

Concen: 4.795 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP014011.D

Acq: 09 Mar 2023 15:31

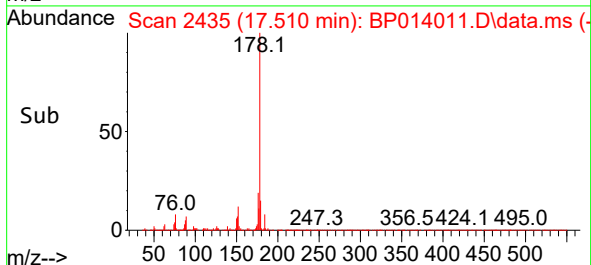
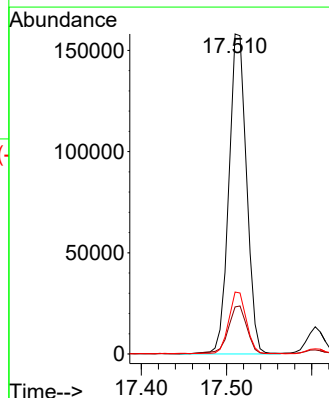
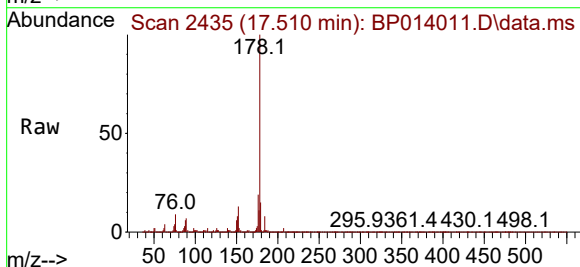
Tgt Ion:178 Resp: 227723

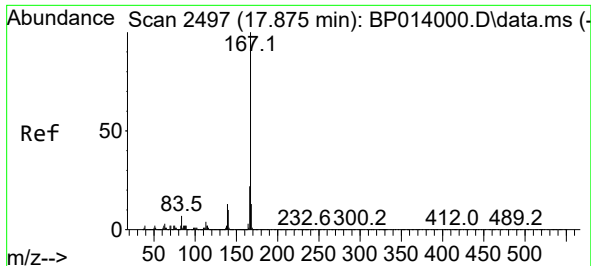
Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.4

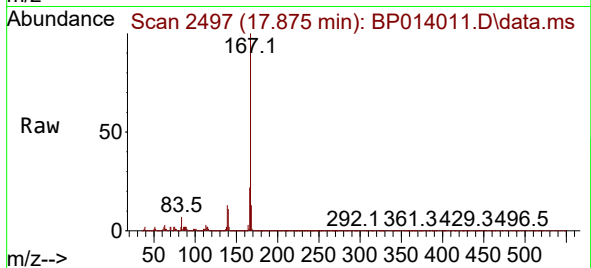
176 19.3 15.4 23.0





#77
 Carbazole
 Concen: 25.736 ng/ul
 RT: 17.875 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BP014011.D
 Acq: 09 Mar 2023 15:31

Instrument :
 BNA_P
 ClientSampleId :
 DCAF5DL



Tgt Ion:167 Resp: 1093096
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.3 10.5 15.7

