

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014026.D
 Acq On : 10 Mar 2023 12:38
 Operator : CG/JU
 Sample : 01784-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAC3DL

Quant Time: Mar 10 21:28:45 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

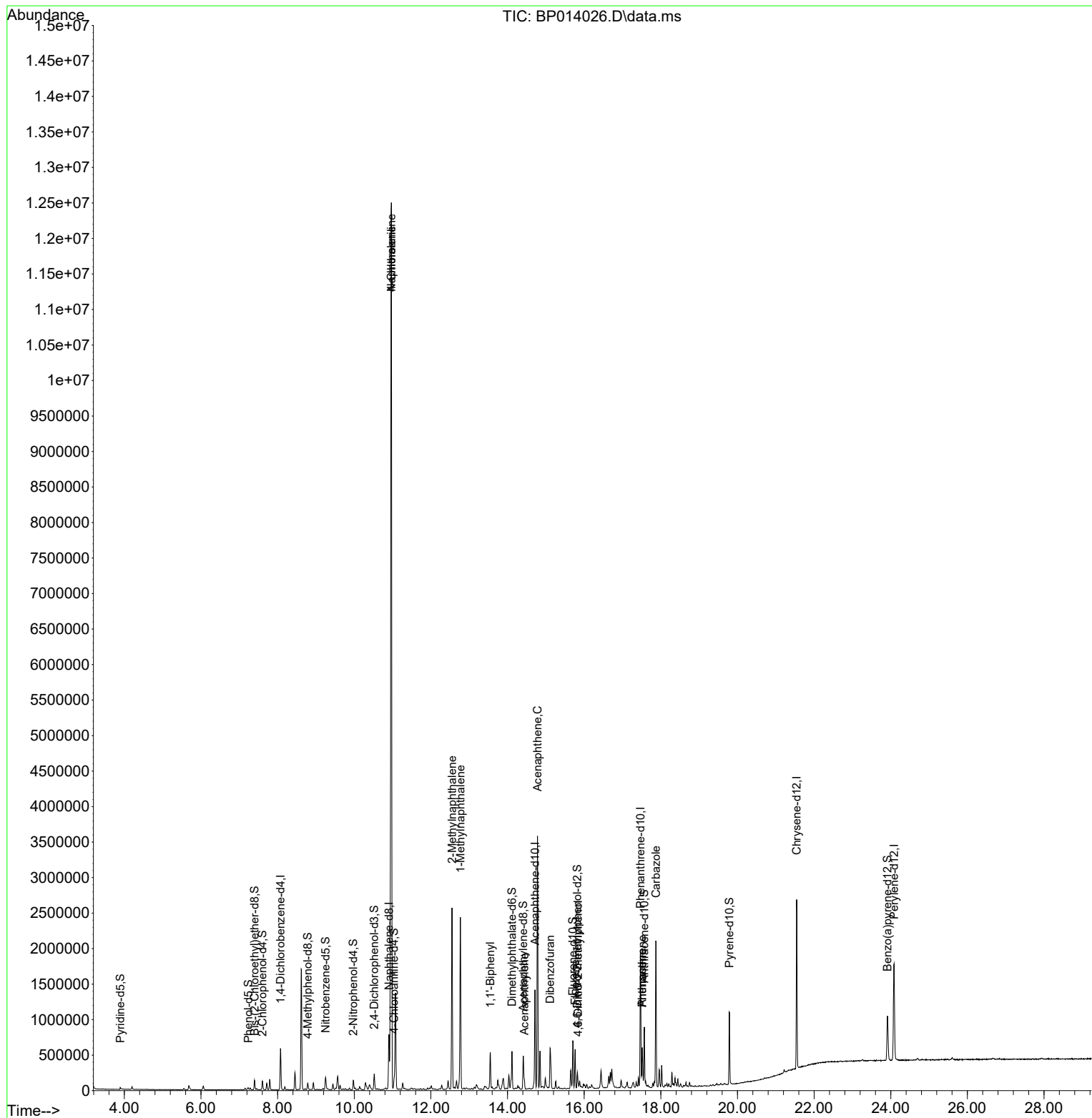
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	148353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	652417	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	445826	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1102312	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1162437	20.000	ng/ul	#-0.01
88) Perylene-d12	24.086	264	1138071	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	2046	0.521	ng/uL	0.00
4) Pyridine-d5	3.893	84	15749	1.449	ng/ul	0.02
7) Phenol-d5	7.234	99	16913	1.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	60538	7.929	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	52098	5.223	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	35522	3.322	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	37044	7.116	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	39295	6.306	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	70081	5.977	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	84375	5.438	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	311223	8.226	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	292095	7.288	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	5556	0.833	ng/ul	0.01
60) Fluorene-d10	15.704	176	246640	7.692	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.822	200	51019	6.124	ng/ul	-0.01
73) Anthracene-d10	17.569	188	430600	8.047	ng/ul	0.00
81) Pyrene-d10	19.786	212	546735	8.528	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.916	264	480036	7.930	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.969	128	10780899	300.922	ng/ul	99
32) 4-Chloroaniline	10.969	127	1491938	95.553	ng/ul#	14
36) 2-Methylnaphthalene	12.551	142	1103051	43.896	ng/ul	100
37) 1-Methylnaphthalene	12.769	142	1009259	39.960	ng/ul	100
43) 1,1'-Biphenyl	13.551	154	248459	7.239	ng/ul	99
50) Acenaphthylene	14.440	152	48716	1.158	ng/ul	95
52) Acenaphthene	14.781	153	1395822	47.468	ng/ul	99
56) Dibenzofuran	15.110	168	322600	7.541	ng/ul	99
61) Fluorene	15.763	166	227326	6.411	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.840	198	12127	1.526	ng/ul#	75
72) Phenanthrene	17.510	178	254337	4.230	ng/ul	98
74) Anthracene	17.510	178	254337	4.172	ng/ul	98
77) Carbazole	17.875	167	1259106	23.416	ng/ul	99

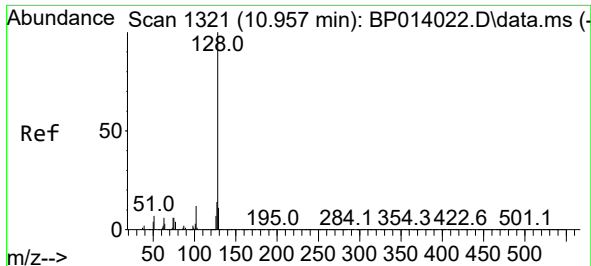
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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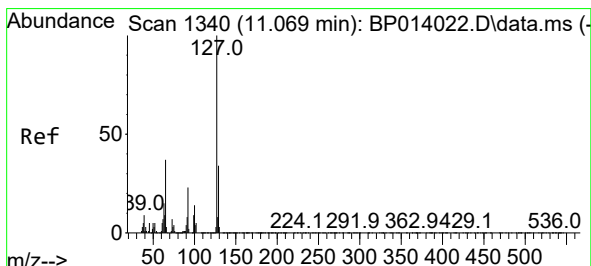
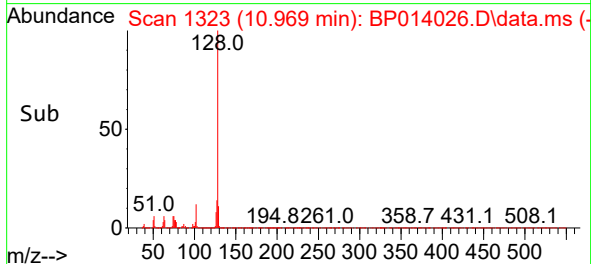
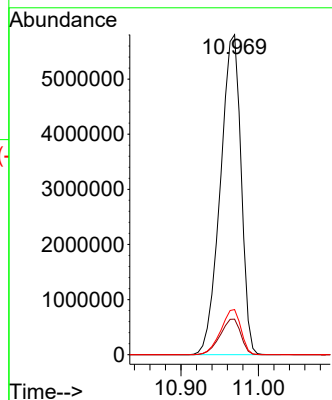
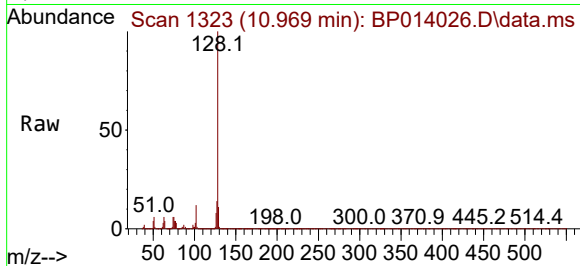




#30
Naphthalene
Concen: 300.922 ng/ul
RT: 10.969 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

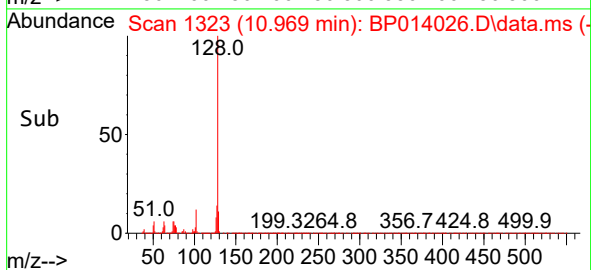
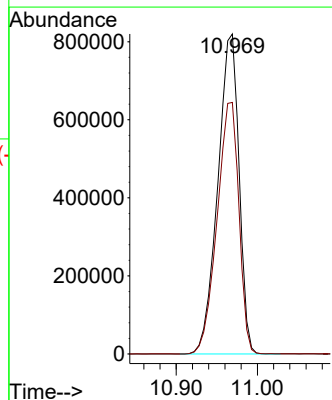
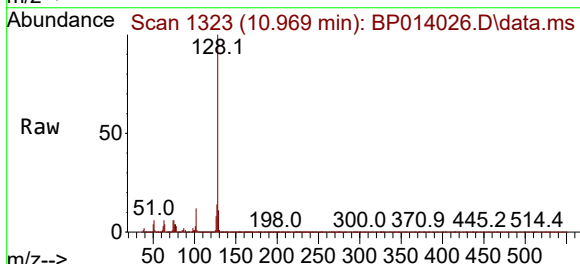
Instrument :
BNA_P
ClientSampleId :
DCAC3DL

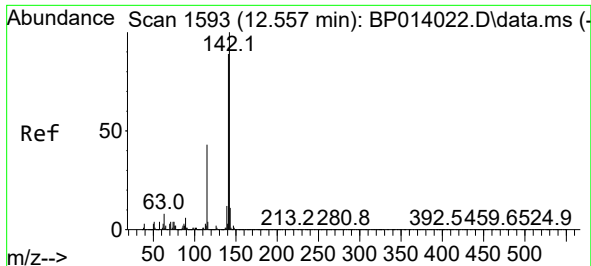
Tgt Ion:128 Resp:10780899
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 14.1 11.0 16.4



#32
4-Chloroaniline
Concen: 95.553 ng/ul
RT: 10.969 min Scan# 1323
Delta R.T. -0.100 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

Tgt Ion:127 Resp: 1491938
Ion Ratio Lower Upper
127 100
129 78.6 24.9 37.3#

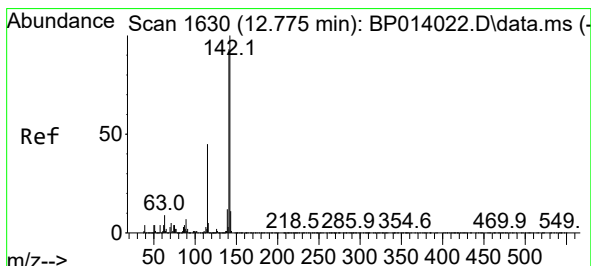
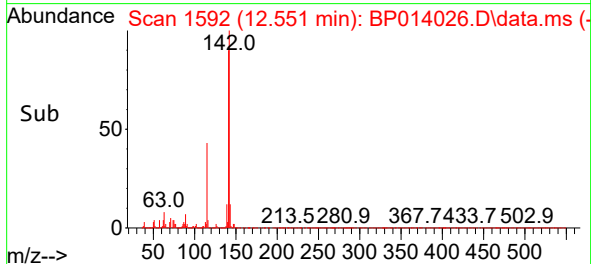
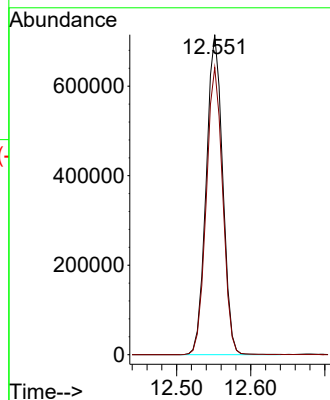
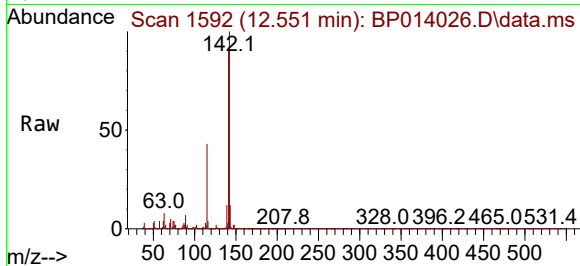




#36
2-Methylnaphthalene
Concen: 43.896 ng/ul
RT: 12.551 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

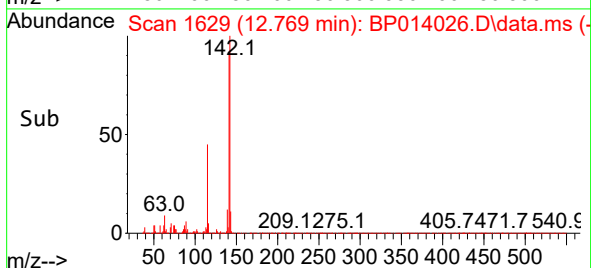
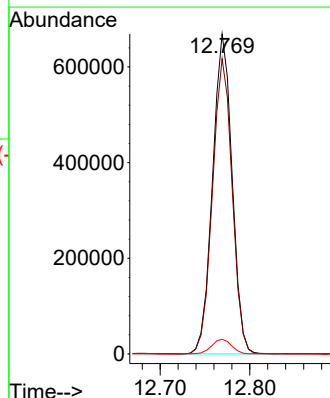
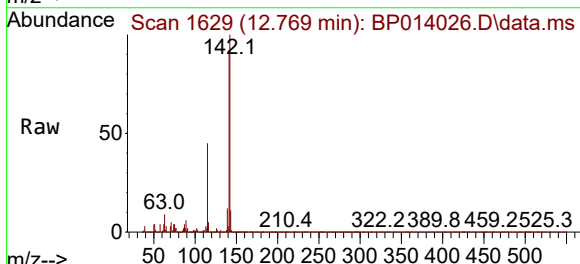
Instrument :
BNA_P
ClientSampleId :
DCAC3DL

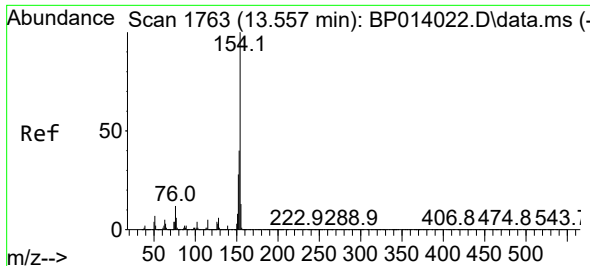
Tgt Ion:142 Resp: 1103051
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5



#37
1-Methylnaphthalene
Concen: 39.960 ng/ul
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

Tgt Ion:142 Resp: 1009259
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 4.6 3.7 5.5

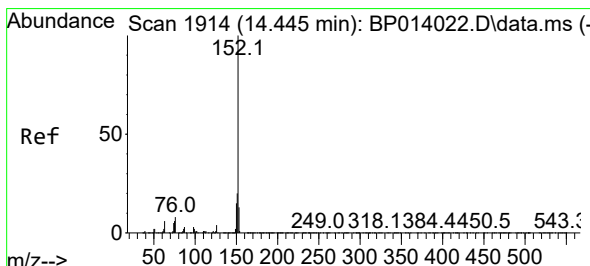
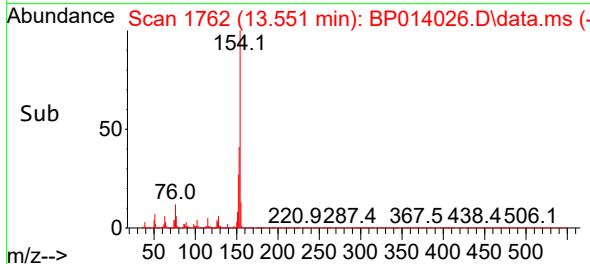
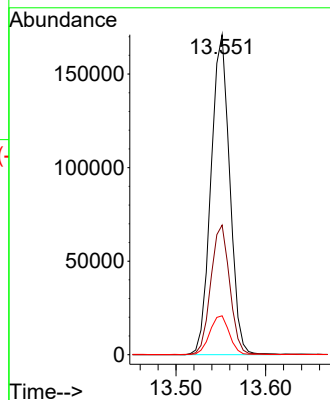
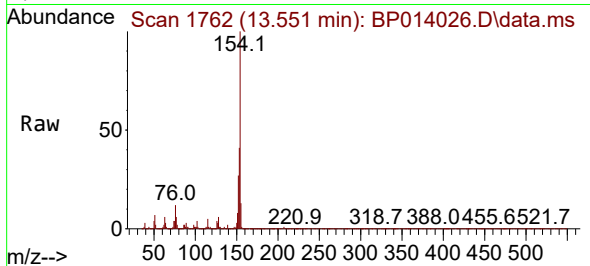




#43
1,1'-Biphenyl
Concen: 7.239 ng/ul
RT: 13.551 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

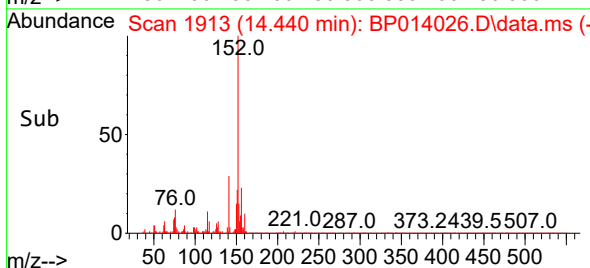
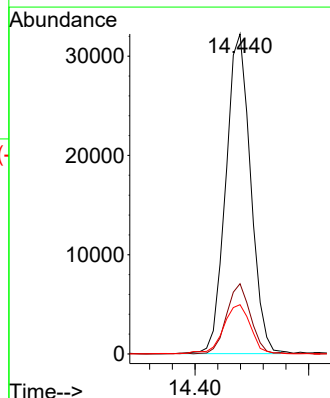
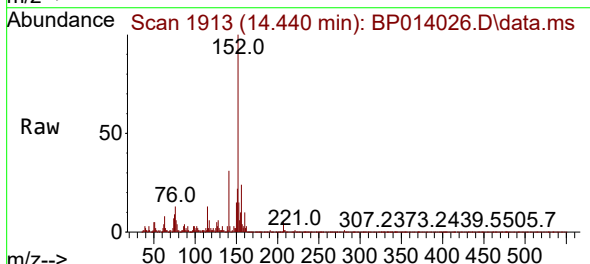
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BNA_P
ClientSampleId :
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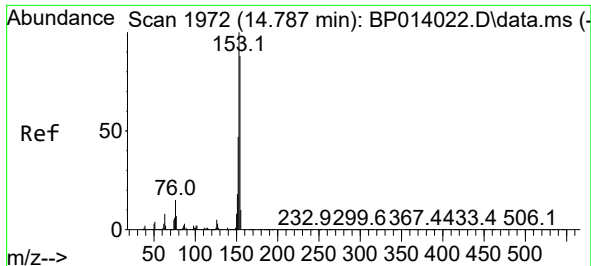
Tgt Ion:154 Resp: 248459
Ion Ratio Lower Upper
154 100
153 40.5 32.6 49.0
76 12.1 9.4 14.0



#50
Acenaphthylene
Concen: 1.158 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

Tgt Ion:152 Resp: 48716
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 15.4 10.4 15.6

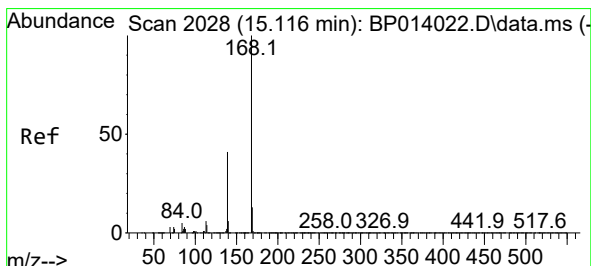
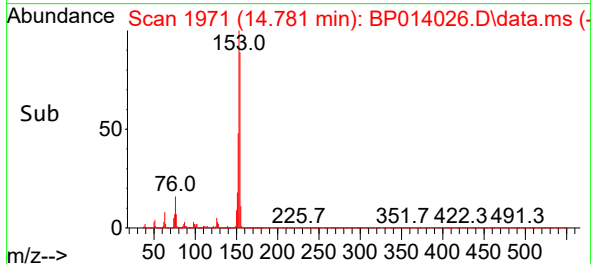
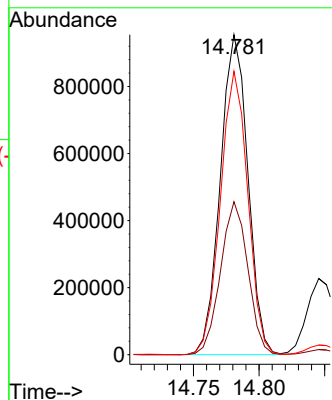
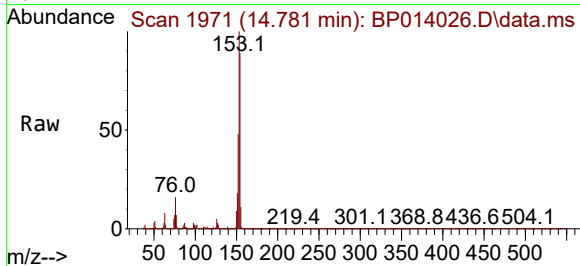




#52
Acenaphthene
Concen: 47.468 ng/ul
RT: 14.781 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

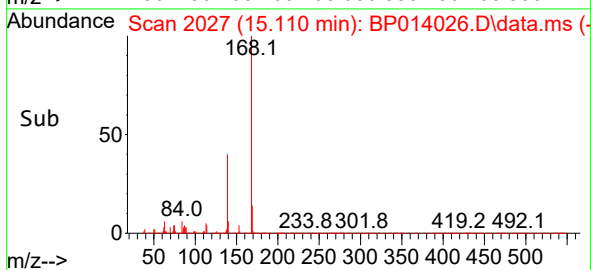
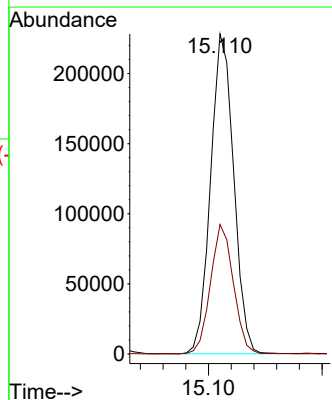
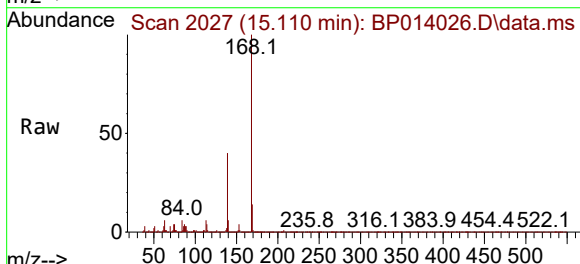
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BNA_P
ClientSampleId :
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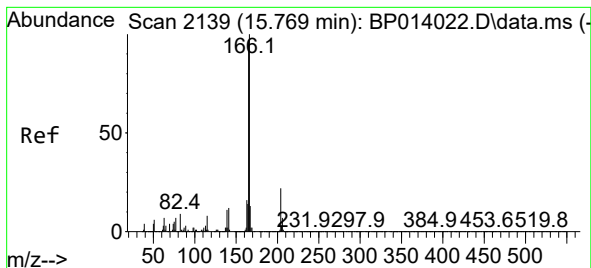
Tgt Ion:153 Resp: 1395822
Ion Ratio Lower Upper
153 100
152 47.8 37.7 56.5
154 88.5 70.4 105.6



#56
Dibenzofuran
Concen: 7.541 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BP014026.D
Acq: 10 Mar 2023 12:38

Tgt Ion:168 Resp: 322600
Ion Ratio Lower Upper
168 100
139 40.4 31.8 47.6





#61

Fluorene

Concen: 6.411 ng/ul

RT: 15.763 min Scan# 2139

Delta R.T. -0.006 min

Lab File: BP014026.D

Acq: 10 Mar 2023 12:38

Instrument :

BNA_P

ClientSampleId :

DCAC3DL

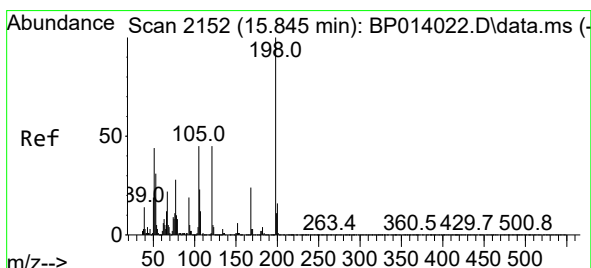
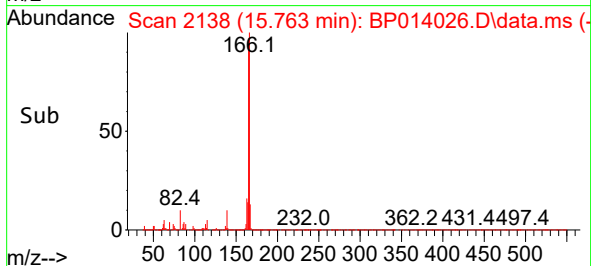
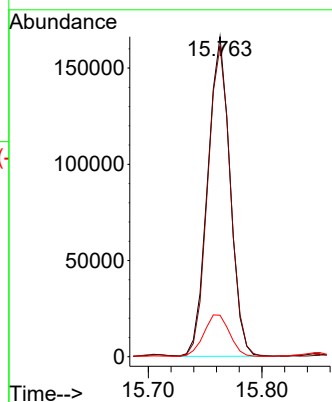
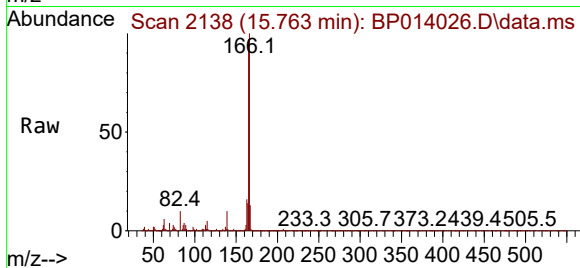
Tgt Ion:166 Resp: 227326

Ion Ratio Lower Upper

166 100

165 97.1 78.9 118.3

167 13.0 11.0 16.6



#66

4,6-Dinitro-2-methylphenol

Concen: 1.526 ng/ul

RT: 15.840 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BP014026.D

Acq: 10 Mar 2023 12:38

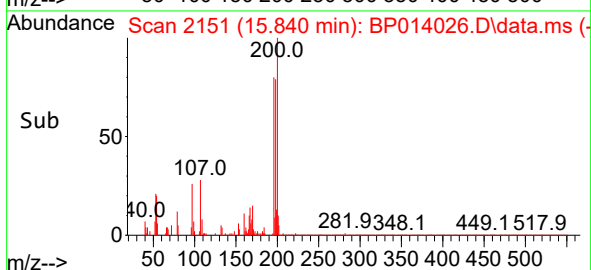
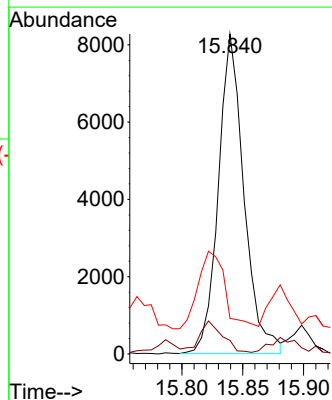
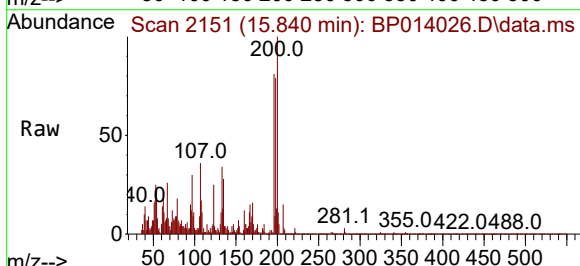
Tgt Ion:198 Resp: 12127

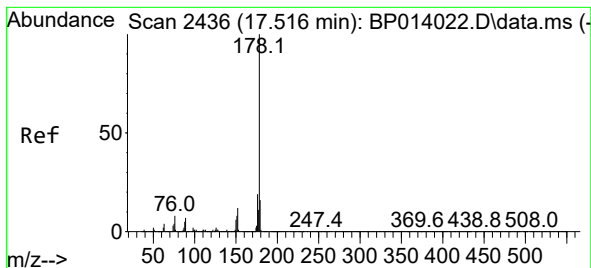
Ion Ratio Lower Upper

198 100

182 4.2 3.0 4.6

77 11.1 20.3 30.5#





#72

Phenanthrene

Concen: 4.230 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP014026.D

Acq: 10 Mar 2023 12:38

Instrument :

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ClientSampleId :

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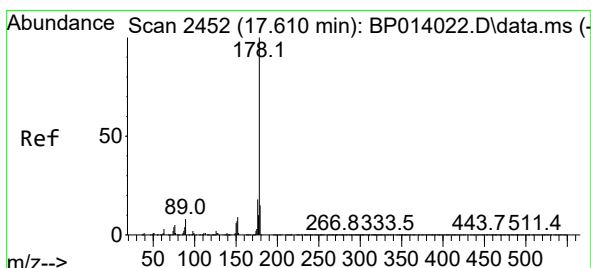
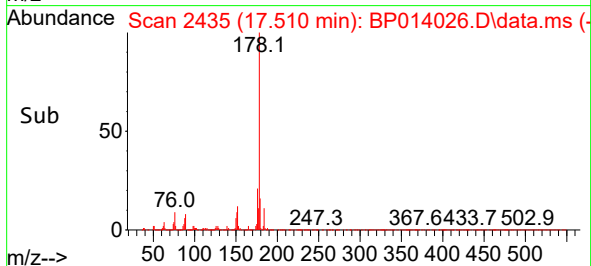
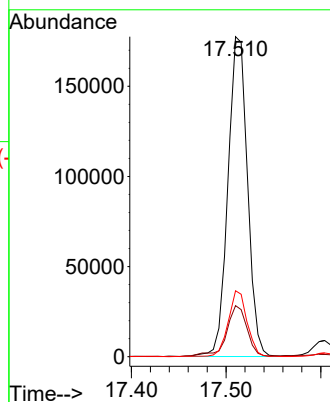
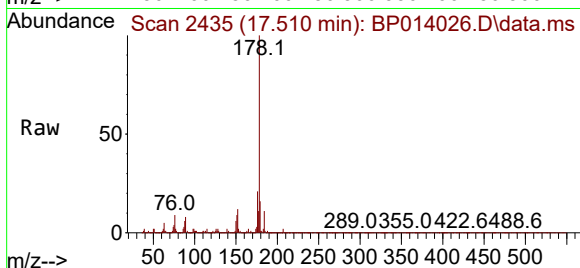
Tgt Ion:178 Resp: 254337

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 20.6 15.4 23.0



#74

Anthracene

Concen: 4.172 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.100 min

Lab File: BP014026.D

Acq: 10 Mar 2023 12:38

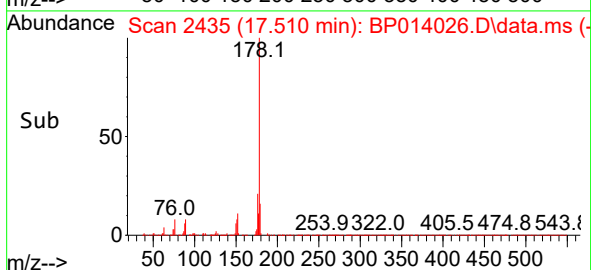
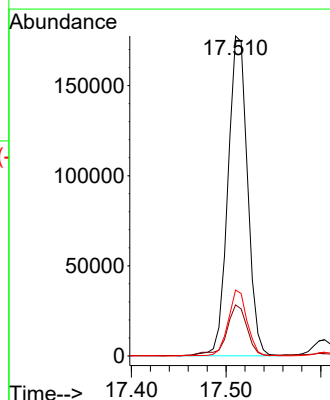
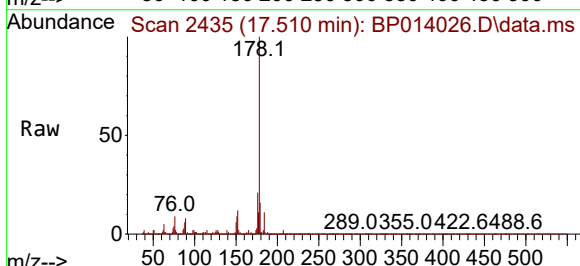
Tgt Ion:178 Resp: 254337

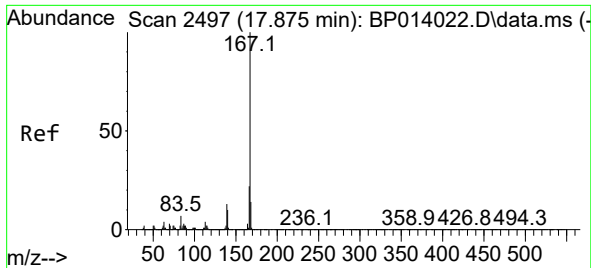
Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

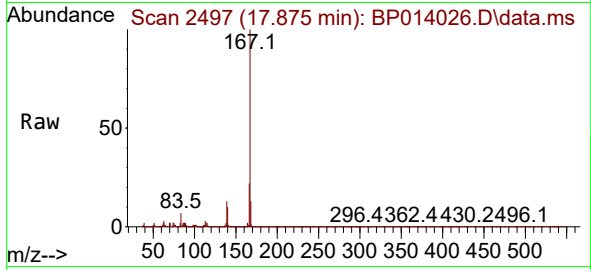
176 20.6 15.1 22.7





#77
 Carbazole
 Concen: 23.416 ng/ul
 RT: 17.875 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BP014026.D
 Acq: 10 Mar 2023 12:38

Instrument :
 BNA_P
 ClientSampleId :
 DCAC3DL



Tgt Ion:167 Resp: 1259106
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 13.4 10.5 15.7

