

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014757.D
 Acq On : 20 Apr 2023 15:43
 Operator : CG/JU
 Sample : 02296-08DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL0DL

Quant Time: Apr 20 22:40:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

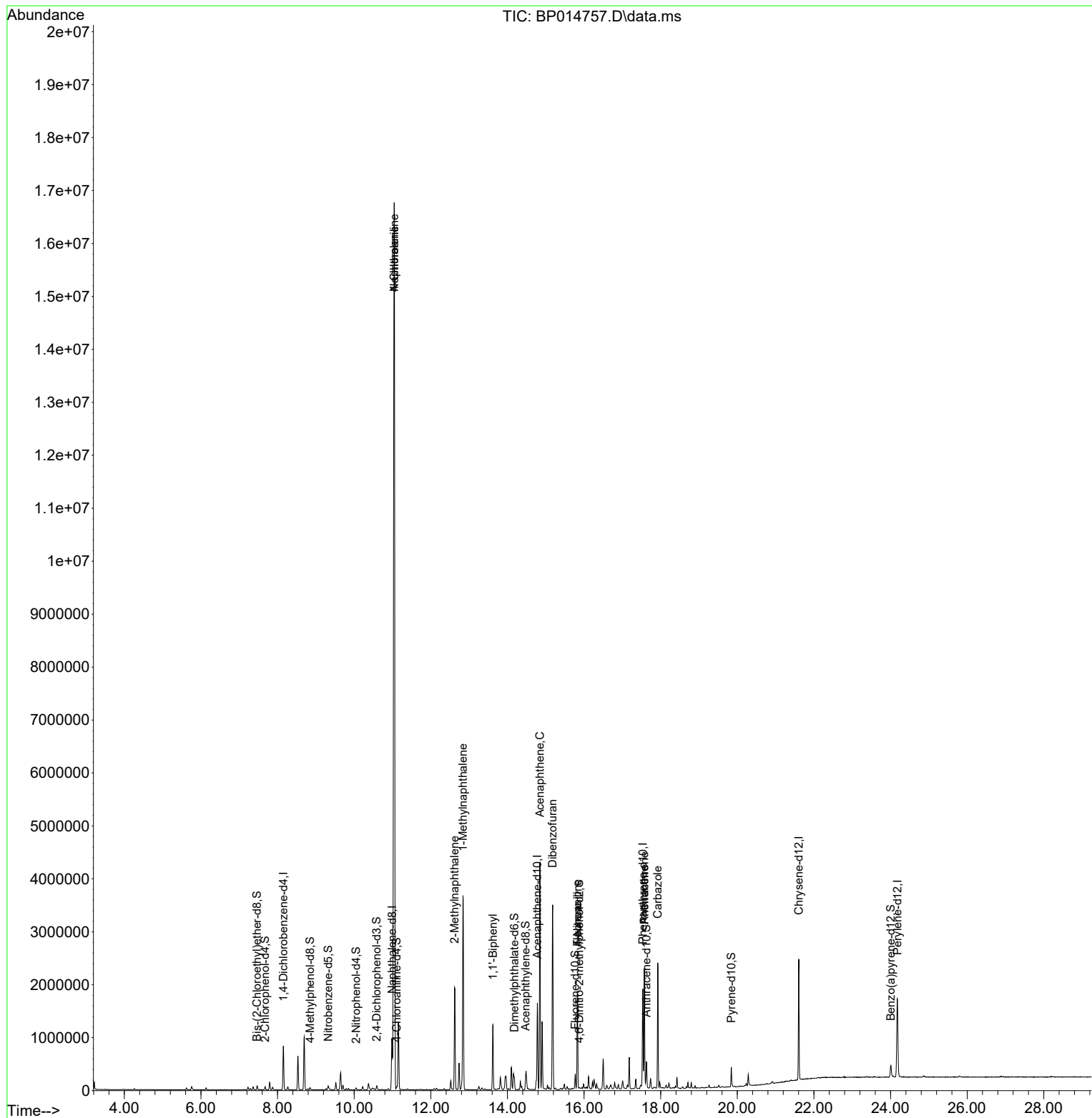
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	221595	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	893176	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	528839	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1145826	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1072360	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1215322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	2473	0.444	ng/uL	0.00
4) Pyridine-d5	3.922	84	325	0.021	ng/ul	0.00
7) Phenol-d5	7.287	99	8694	0.454	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	33563	2.840	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	25740	1.809	ng/ul	0.00
15) 4-Methylphenol-d8	8.851	113	16334	1.094	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	15181	2.712	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	12201	2.414	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	28454	2.073	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	33637	1.606	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	125874	3.006	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	125318	2.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	1713	0.257	ng/ul	0.00
60) Fluorene-d10	15.769	176	106361	2.960	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	6440	1.389	ng/ul	0.00
73) Anthracene-d10	17.628	188	172969	3.125	ng/ul	0.00
81) Pyrene-d10	19.845	212	191192	3.112	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	179167	2.844	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.046	128	17802536	355.643	ng/ul	98
32) 4-Chloroaniline	11.046	127	2425745	114.298	ng/ul#	8
36) 2-Methylnaphthalene	12.622	142	891161	26.667	ng/ul	100
37) 1-Methylnaphthalene	12.840	142	1704872	51.461	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	640301	14.932	ng/ul	98
52) Acenaphthene	14.845	153	1690090	47.130	ng/ul	99
56) Dibenzofuran	15.175	168	2029889	40.219	ng/ul	99
61) Fluorene	15.828	166	799679	19.411	ng/ul	99
63) 4-Nitroaniline	15.828	138	8834	1.351	ng/ul#	23
72) Phenanthrene	17.575	178	1256593	19.459	ng/ul	99
74) Anthracene	17.575	178	1256593	19.194	ng/ul	99
77) Carbazole	17.922	167	1429519	24.873	ng/ul	99

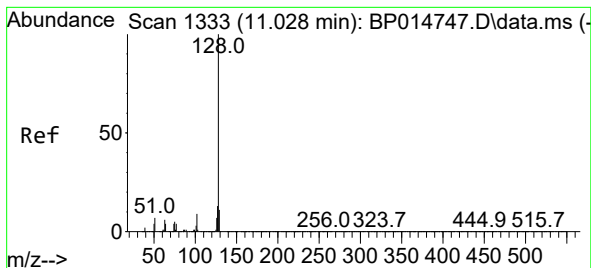
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 355.643 ng/ul

RT: 11.046 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP014757.D

Acq: 20 Apr 2023 15:43

Instrument :

BNA_P

ClientSampleId :

DCBL0DL

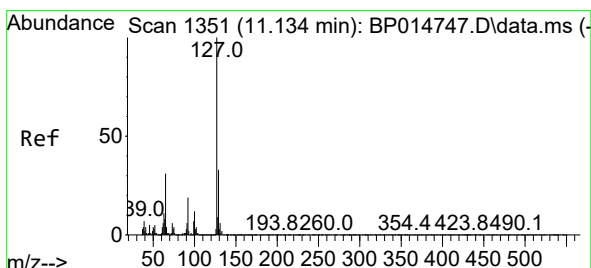
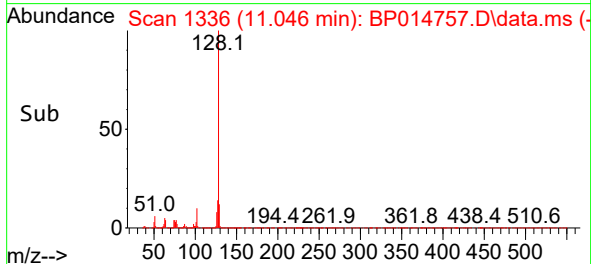
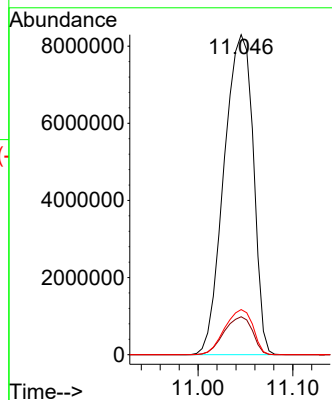
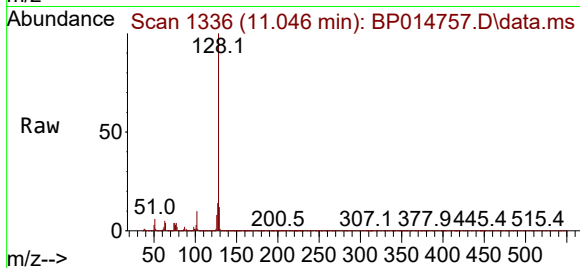
Tgt Ion:128 Resp:17802536

Ion Ratio Lower Upper

128 100

129 11.9 8.9 13.3

127 14.1 10.4 15.6



#32

4-Chloroaniline

Concen: 114.298 ng/ul

RT: 11.046 min Scan# 1336

Delta R.T. -0.088 min

Lab File: BP014757.D

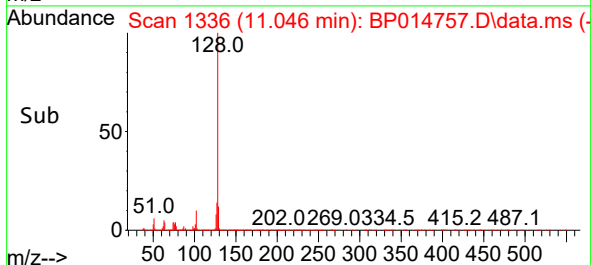
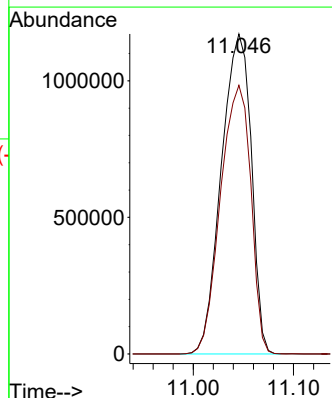
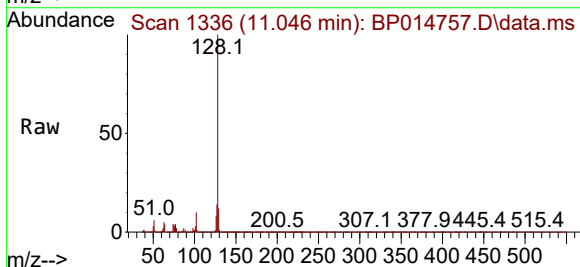
Acq: 20 Apr 2023 15:43

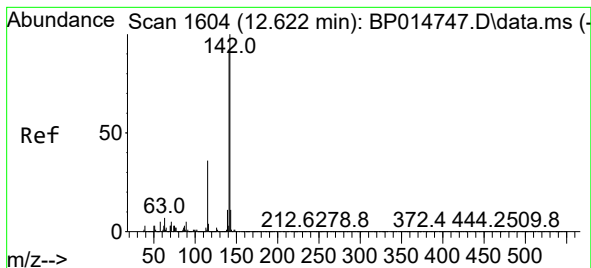
Tgt Ion:127 Resp: 2425745

Ion Ratio Lower Upper

127 100

129 84.0 26.0 39.0#

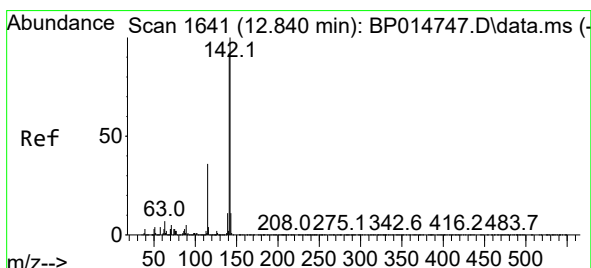
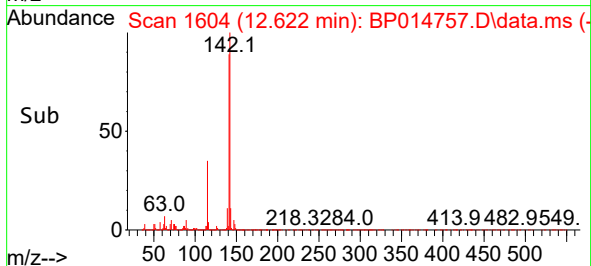
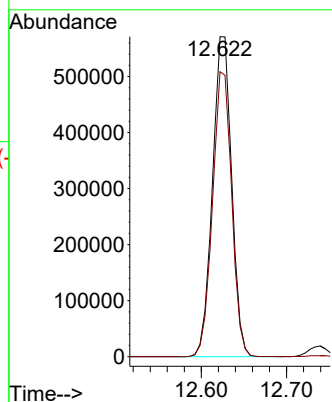
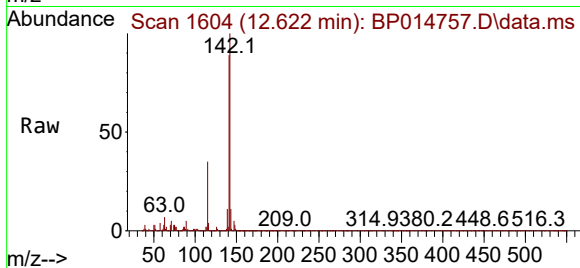




#36
2-Methylnaphthalene
Concen: 26.667 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014757.D
Acq: 20 Apr 2023 15:43

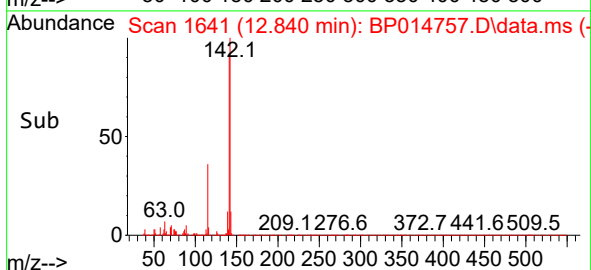
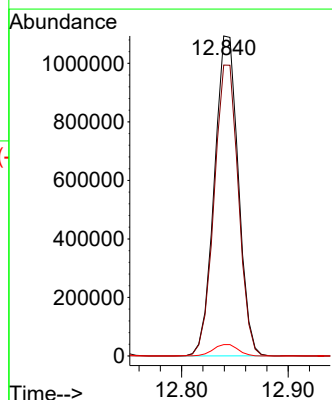
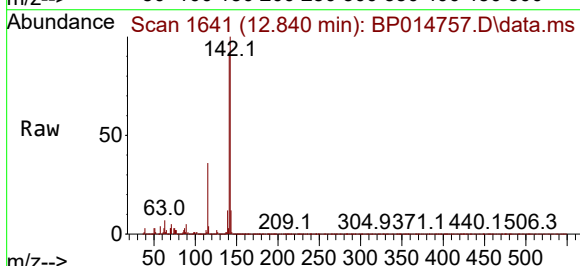
Instrument :
BNA_P
ClientSampleId :
DCBL0DL

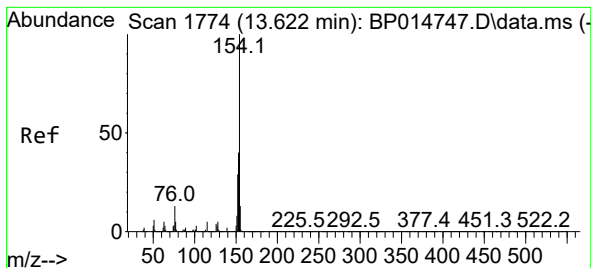
Tgt Ion:142 Resp: 891161
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3



#37
1-Methylnaphthalene
Concen: 51.461 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014757.D
Acq: 20 Apr 2023 15:43

Tgt Ion:142 Resp: 1704872
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.6
116 3.6 3.3 4.9





#43

1,1'-Biphenyl

Concen: 14.932 ng/ul

RT: 13.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014757.D

Acq: 20 Apr 2023 15:43

Instrument :

BNA_P

ClientSampleId :

DCBL0DL

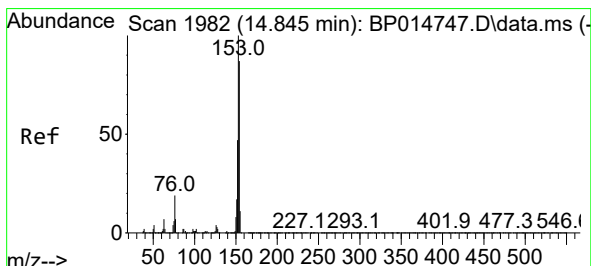
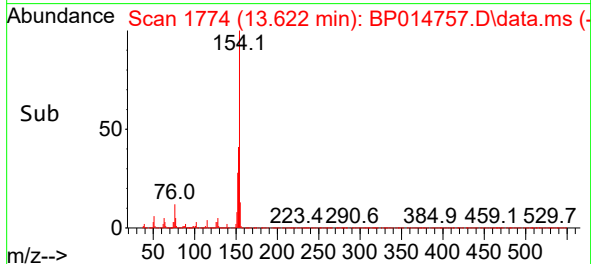
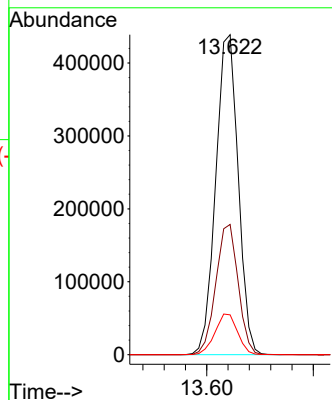
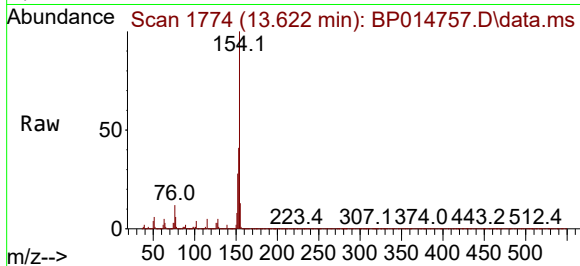
Tgt Ion:154 Resp: 640301

Ion Ratio Lower Upper

154 100

153 40.7 31.9 47.9

76 12.4 10.8 16.2



#52

Acenaphthene

Concen: 47.130 ng/ul

RT: 14.845 min Scan# 1982

Delta R.T. -0.000 min

Lab File: BP014757.D

Acq: 20 Apr 2023 15:43

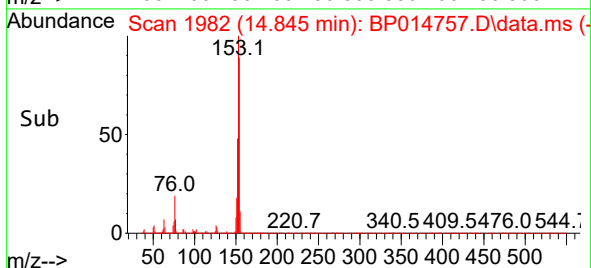
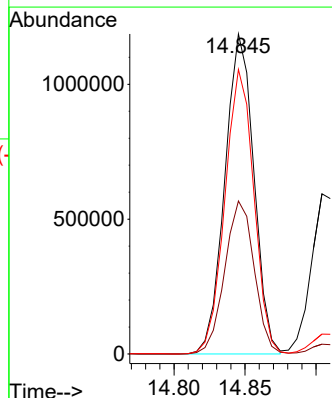
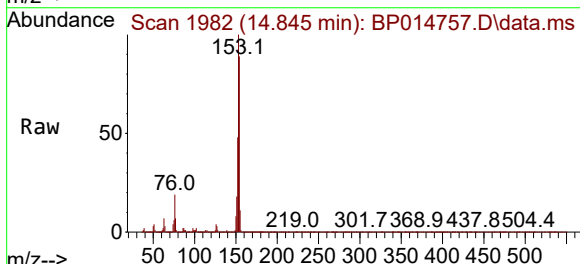
Tgt Ion:153 Resp: 1690090

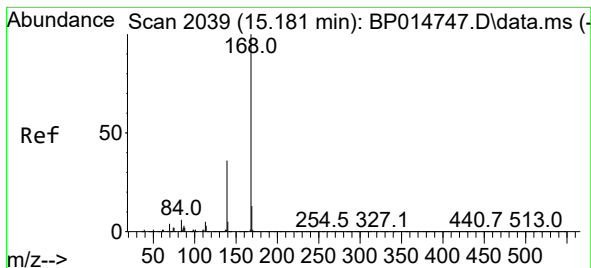
Ion Ratio Lower Upper

153 100

152 47.8 38.4 57.6

154 88.9 69.8 104.8

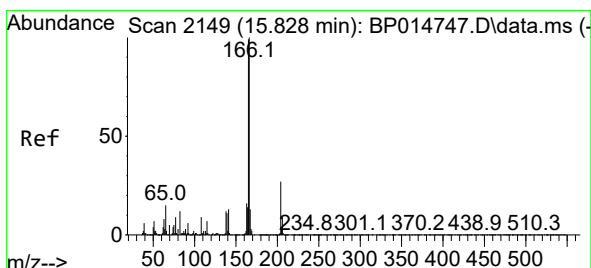
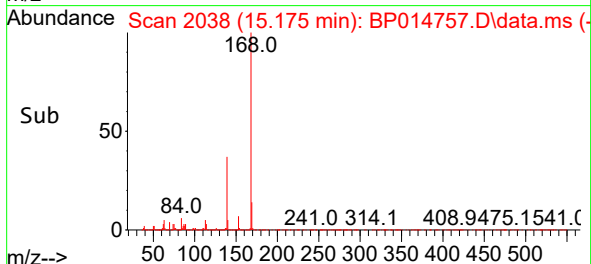
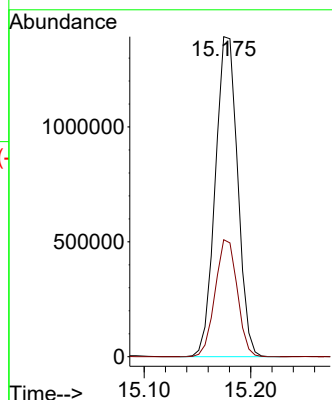
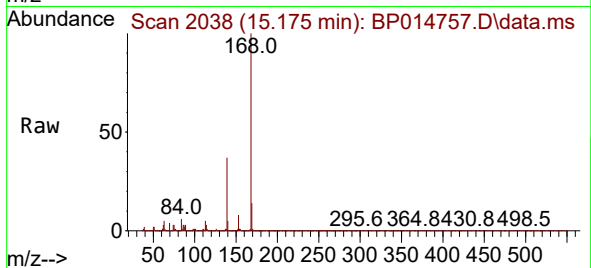




#56
Dibenzenofuran
Concen: 40.219 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014757.D
Acq: 20 Apr 2023 15:43

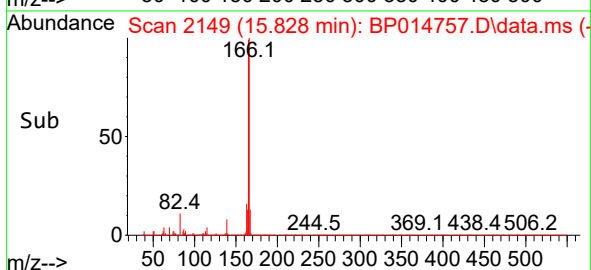
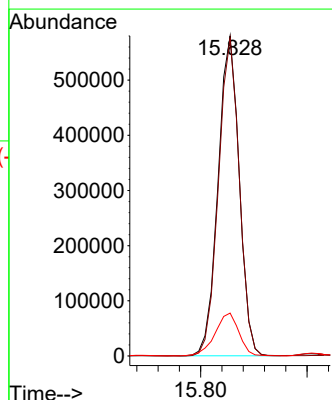
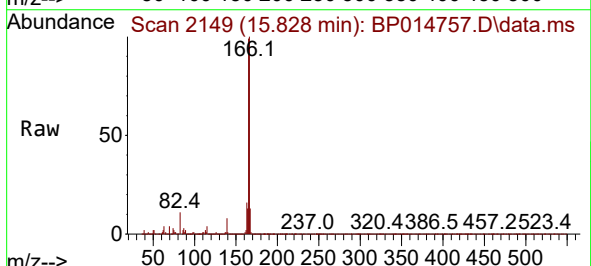
Instrument :
BNA_P
ClientSampleId :
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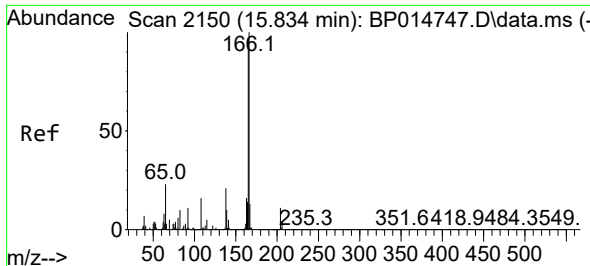
Tgt Ion:168 Resp: 2029889
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.8



#61
Fluorene
Concen: 19.411 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014757.D
Acq: 20 Apr 2023 15:43

Tgt Ion:166 Resp: 799679
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 13.4 10.5 15.7

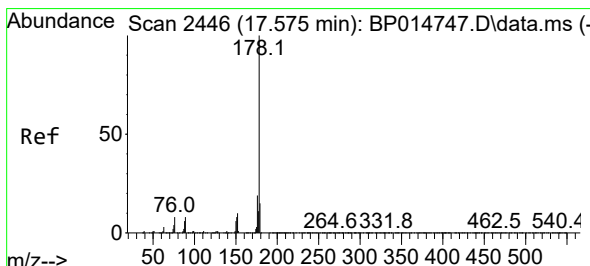
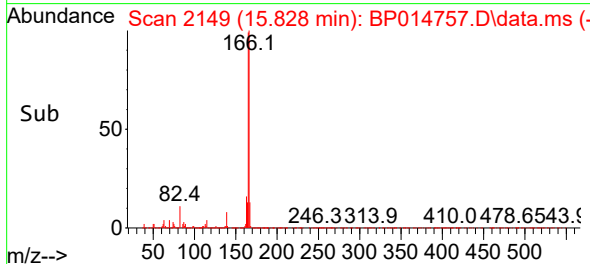
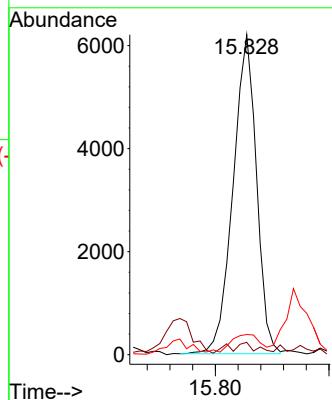
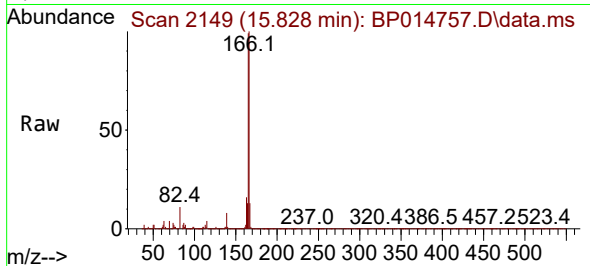




#63
4-Nitroaniline
Concen: 1.351 ng/ul
RT: 15.828 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP014757.D
Acq: 20 Apr 2023 15:43

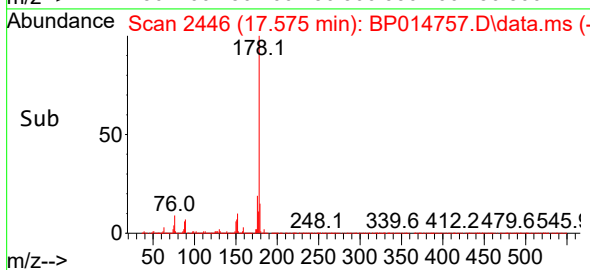
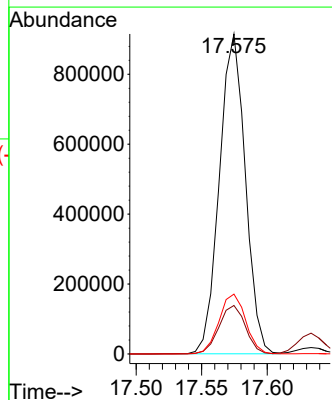
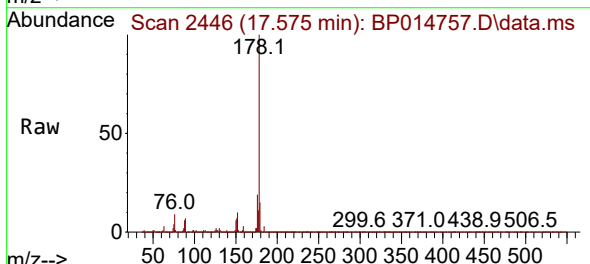
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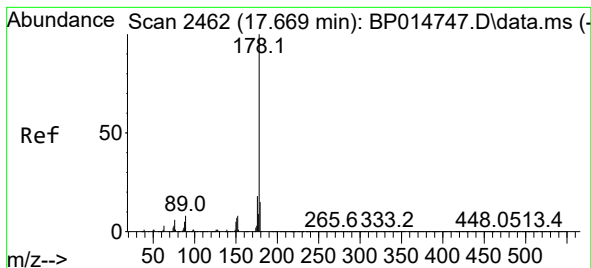
Tgt Ion:138 Resp: 8834
Ion Ratio Lower Upper
138 100
92 3.9 40.9 61.3#
108 6.3 63.8 95.6#



#72
Phenanthrene
Concen: 19.459 ng/ul
RT: 17.575 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BP014757.D
Acq: 20 Apr 2023 15:43

Tgt Ion:178 Resp: 1256593
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.7 15.3 22.9





#74

Anthracene

Concen: 19.194 ng/ul

RT: 17.575 min Scan# 2462

Delta R.T. -0.094 min

Lab File: BP014757.D

Acq: 20 Apr 2023 15:43

Instrument :

BNA_P

ClientSampleId :

DCBL0DL

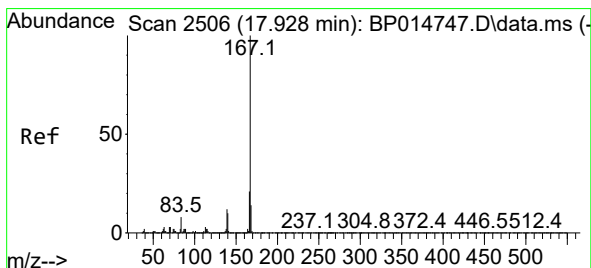
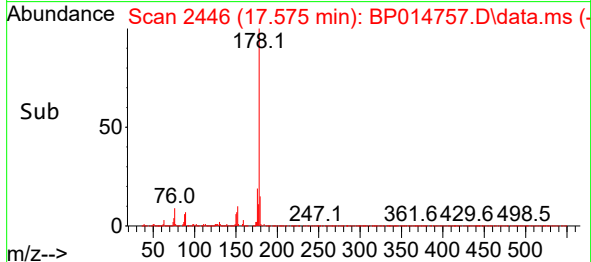
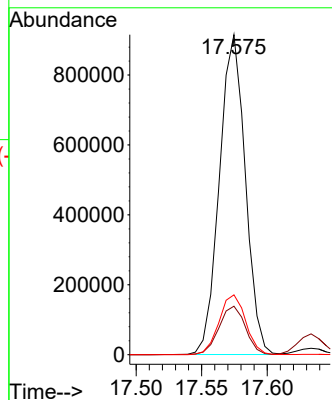
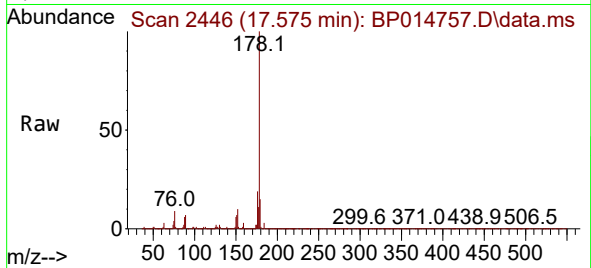
Tgt Ion:178 Resp: 1256593

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.7 15.1 22.7



#77

Carbazole

Concen: 24.873 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014757.D

Acq: 20 Apr 2023 15:43

Tgt Ion:167 Resp: 1429519

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.4 10.2 15.2

