

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014756.D
 Acq On : 20 Apr 2023 15:10
 Operator : CG/JU
 Sample : 02296-07DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBK8DL

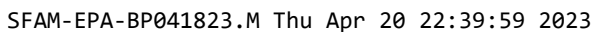
Quant Time: Apr 20 22:39:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

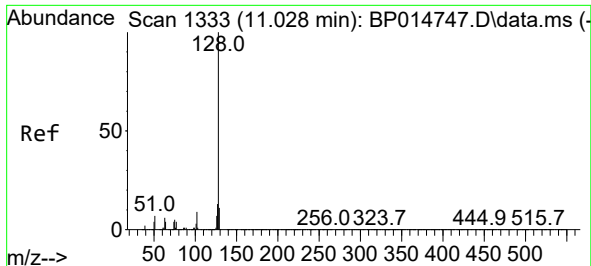
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	250492	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	1059462	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	656922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1483881	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1429813	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1605060	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	3149	0.500	ng/uL	0.00
4) Pyridine-d5	3.917	84	319	0.019	ng/ul	0.00
7) Phenol-d5	7.287	99	10577	0.488	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	40992	3.068	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	32676	2.032	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	20714	1.227	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	19894	2.997	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	15764	2.629	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	37993	2.334	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	47314	1.904	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	168156	3.233	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	170467	2.828	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	2684	0.324	ng/ul	-0.01
60) Fluorene-d10	15.769	176	142740	3.198	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	9662	1.609	ng/ul	0.00
73) Anthracene-d10	17.628	188	232939	3.249	ng/ul	0.00
81) Pyrene-d10	19.845	212	261594	3.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	243323	2.925	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.046	128	19755308	332.711	ng/ul	96
32) 4-Chloroaniline	11.051	127	2760627	109.661	ng/ul#	12
36) 2-Methylnaphthalene	12.622	142	1125338	28.389	ng/ul	98
37) 1-Methylnaphthalene	12.845	142	2121368	53.982	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	821236	15.417	ng/ul	98
52) Acenaphthene	14.845	153	2198169	49.347	ng/ul	99
56) Dibenzofuran	15.181	168	2640225	42.113	ng/ul	97
61) Fluorene	15.828	166	1080216	21.108	ng/ul	98
63) 4-Nitroaniline	15.828	138	12190	1.500	ng/ul#	23
72) Phenanthrene	17.575	178	1634043	19.539	ng/ul	100
74) Anthracene	17.575	178	1634043	19.273	ng/ul	100
77) Carbazole	17.928	167	1668453	22.416	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

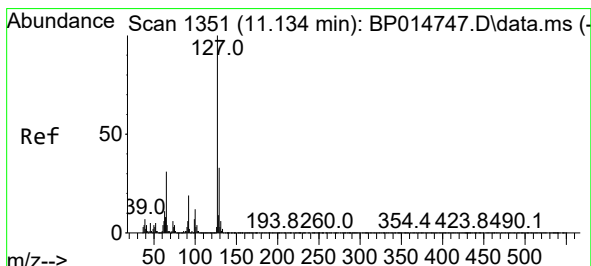
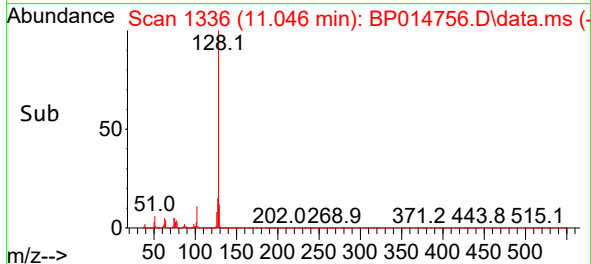
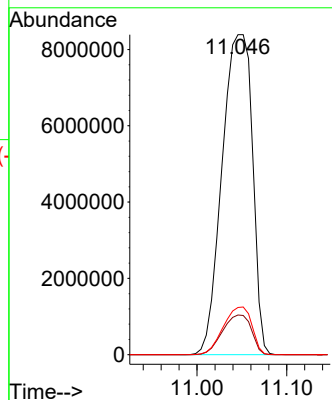
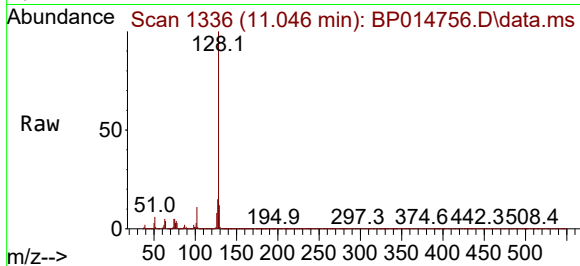




#30
Naphthalene
Concen: 332.711 ng/ul
RT: 11.046 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

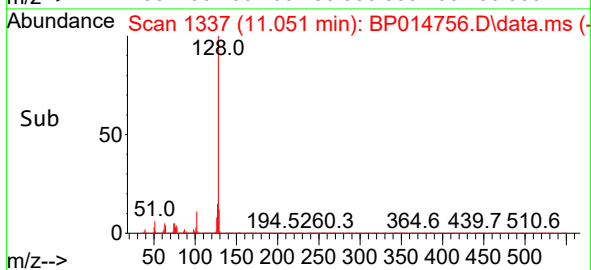
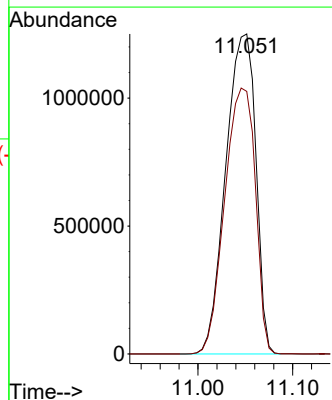
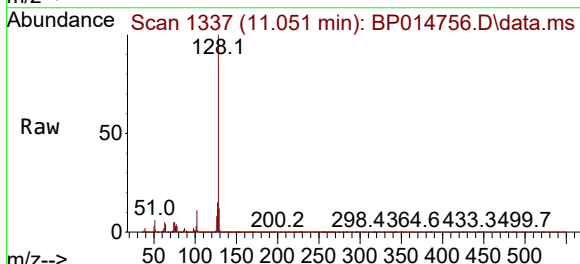
Instrument :
BNA_P
ClientSampleId :
DCBK8DL

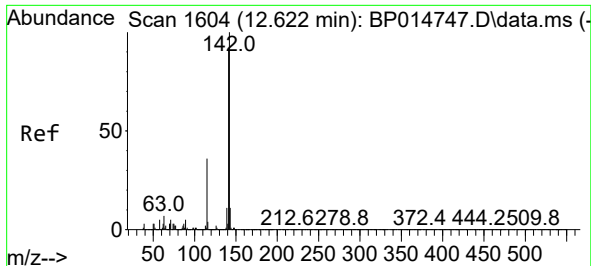
Tgt Ion:128 Resp:19755308
Ion Ratio Lower Upper
128 100
129 12.4 8.9 13.3
127 14.8 10.4 15.6



#32
4-Chloroaniline
Concen: 109.661 ng/ul
RT: 11.051 min Scan# 1337
Delta R.T. -0.082 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

Tgt Ion:127 Resp: 2760627
Ion Ratio Lower Upper
127 100
129 82.1 26.0 39.0#

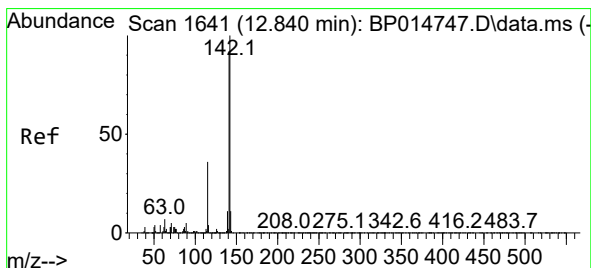
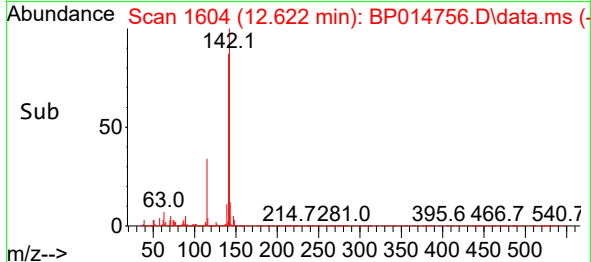
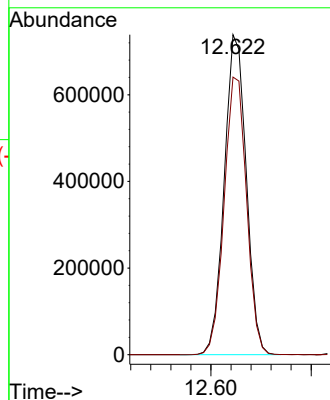
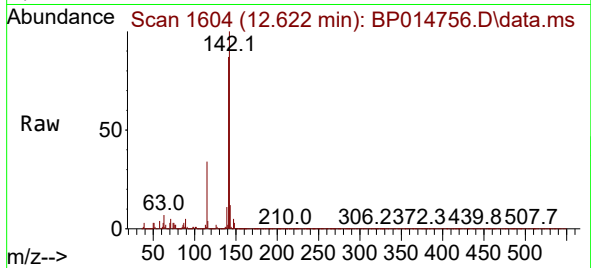




#36
2-Methylnaphthalene
Concen: 28.389 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

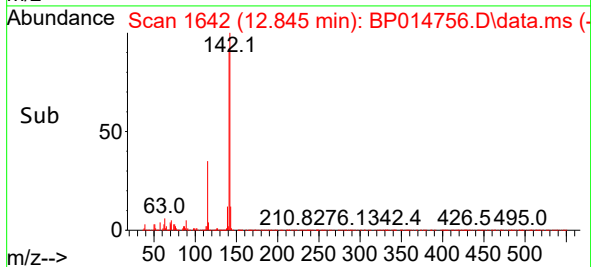
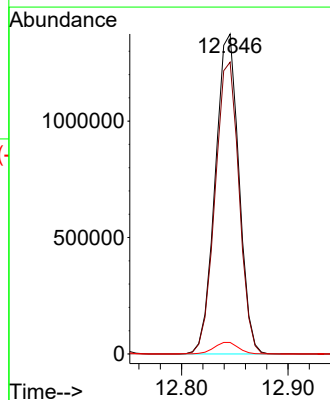
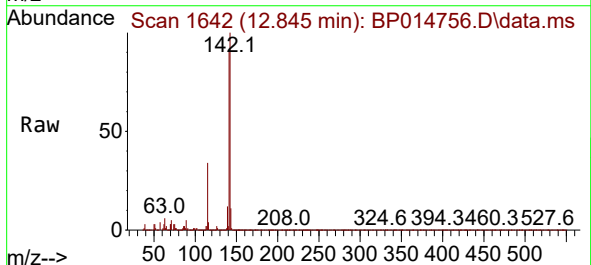
Instrument :
BNA_P
ClientSampleId :
DCBK8DL

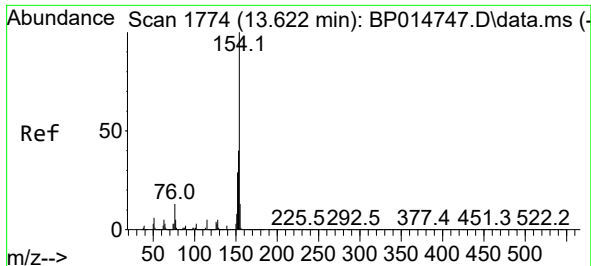
Tgt Ion:142 Resp: 1125338
Ion Ratio Lower Upper
142 100
141 86.7 70.9 106.3



#37
1-Methylnaphthalene
Concen: 53.982 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. 0.006 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

Tgt Ion:142 Resp: 2121368
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 3.6 3.3 4.9

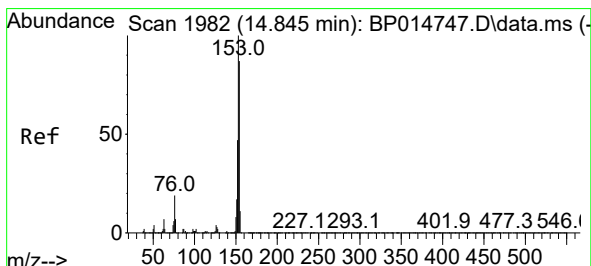
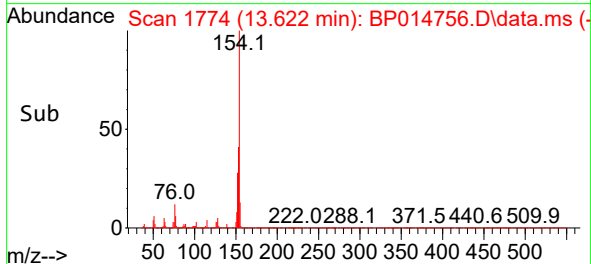
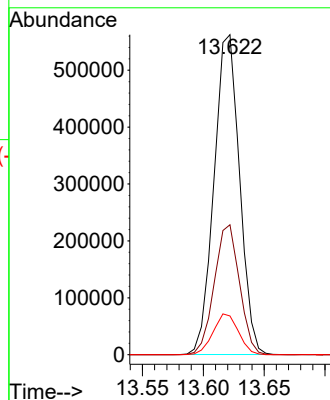
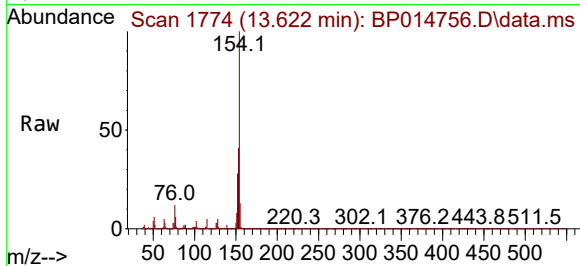




#43
1,1'-Biphenyl
Concen: 15.417 ng/ul
RT: 13.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

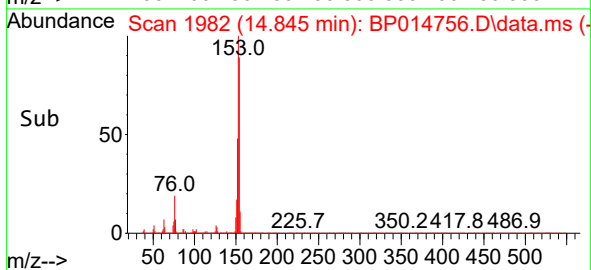
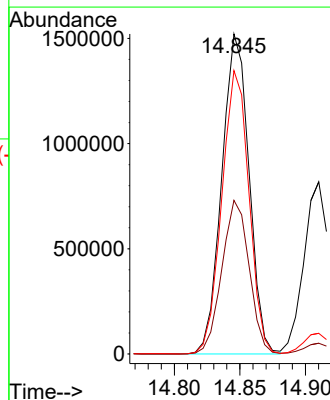
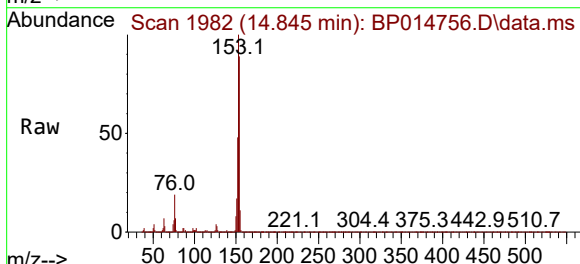
Instrument :
BNA_P
ClientSampleId :
DCBK8DL

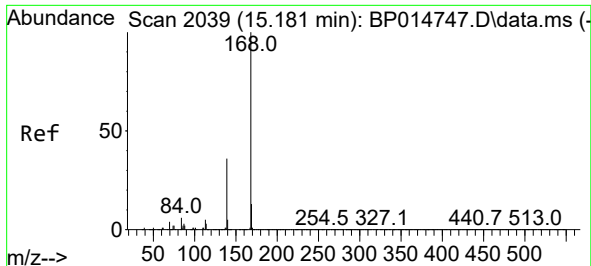
Tgt Ion:154 Resp: 821236
Ion Ratio Lower Upper
154 100
153 40.6 31.9 47.9
76 12.1 10.8 16.2



#52
Acenaphthene
Concen: 49.347 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

Tgt Ion:153 Resp: 2198169
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 88.6 69.8 104.8

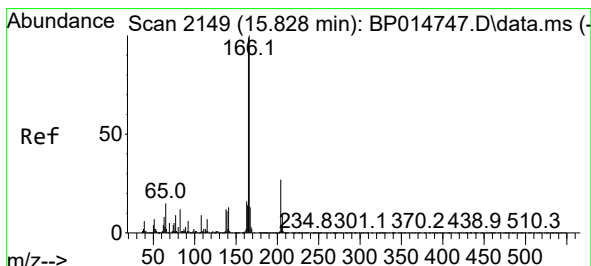
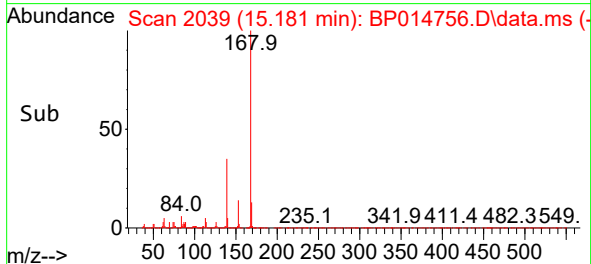
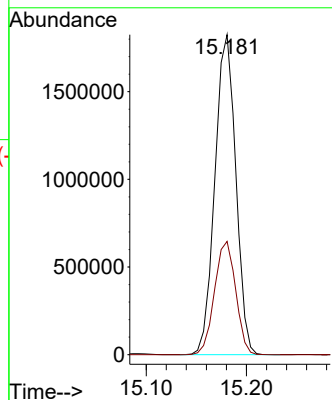
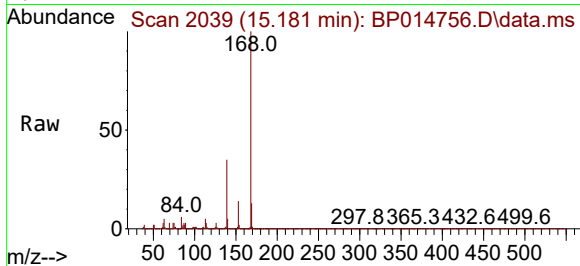




#56
Dibenzenofuran
Concen: 42.113 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

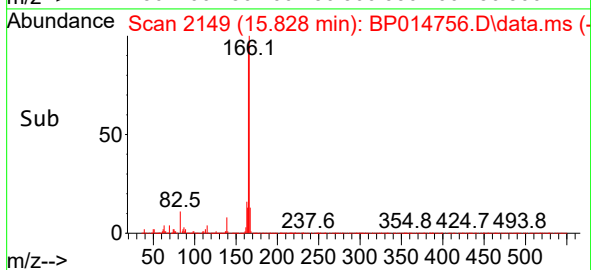
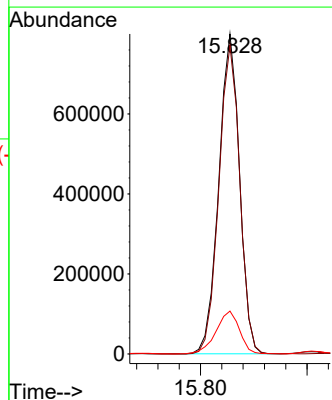
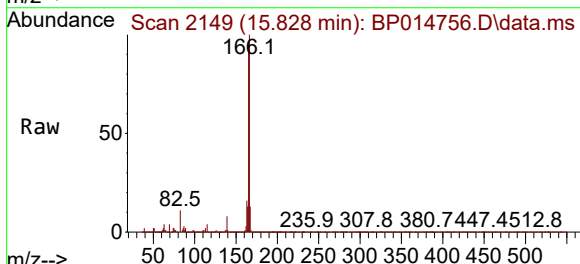
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ClientSampleId :
DCBK8DL

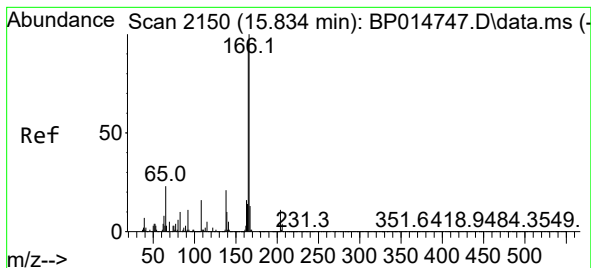
Tgt Ion:168 Resp: 2640225
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.8



#61
Fluorene
Concen: 21.108 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

Tgt Ion:166 Resp: 1080216
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 13.4 10.5 15.7

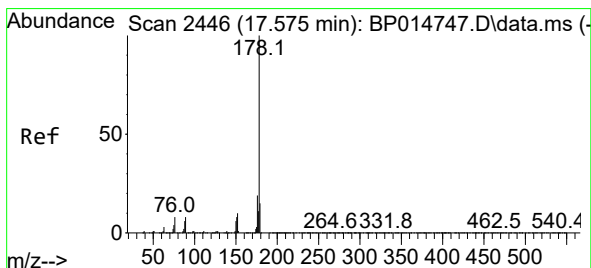
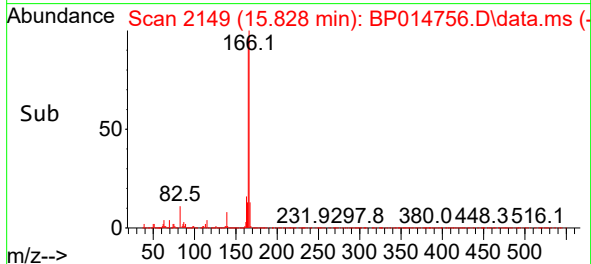
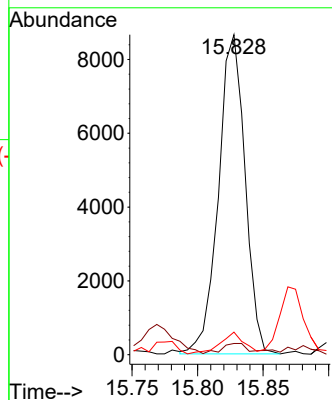
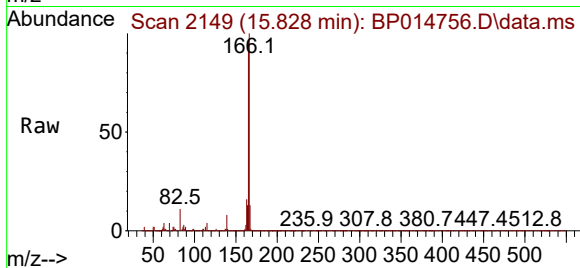




#63
4-Nitroaniline
Concen: 1.500 ng/ul
RT: 15.828 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

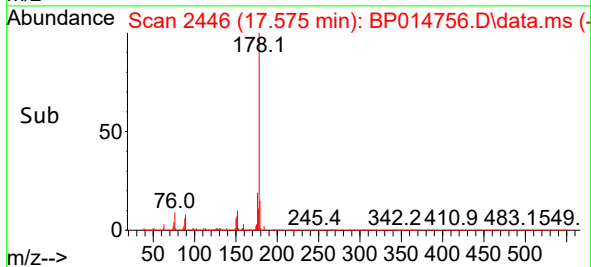
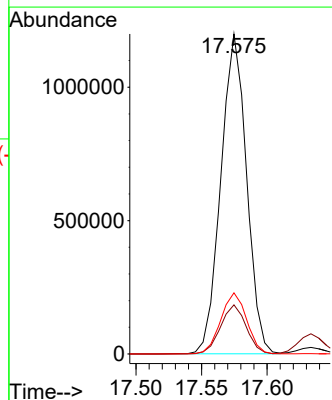
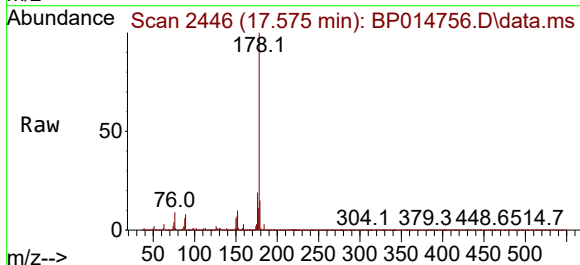
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BNA_P
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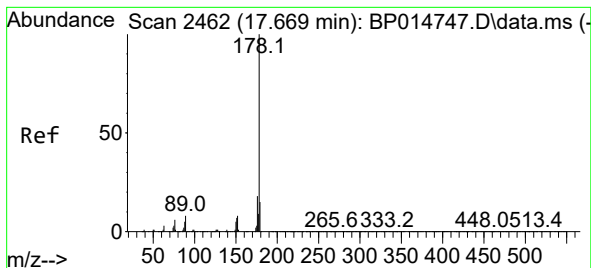
Tgt Ion:138 Resp: 12190
Ion Ratio Lower Upper
138 100
92 3.5 40.9 61.3#
108 7.0 63.8 95.6#



#72
Phenanthrene
Concen: 19.539 ng/ul
RT: 17.575 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

Tgt Ion:178 Resp: 1634043
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.1 15.3 22.9





#74

Anthracene

Concen: 19.273 ng/ul

RT: 17.575 min Scan# 2462

Delta R.T. -0.094 min

Lab File: BP014756.D

Acq: 20 Apr 2023 15:10

Instrument :

BNA_P

ClientSampleId :

DCBK8DL

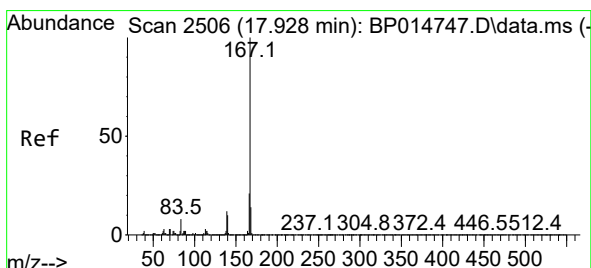
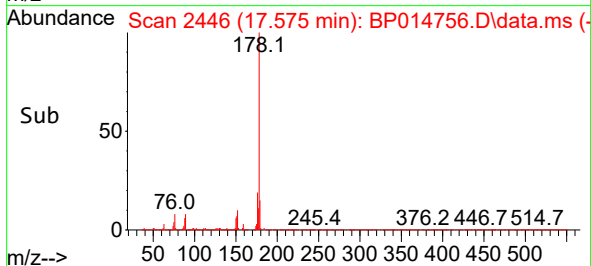
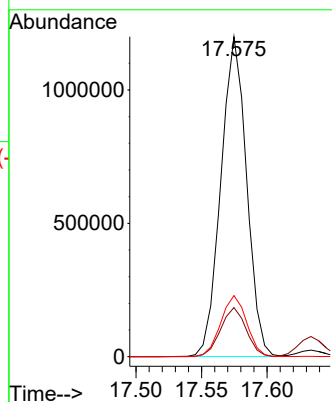
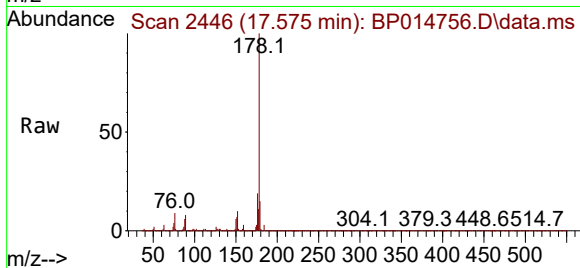
Tgt Ion:178 Resp: 1634043

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.1 15.1 22.7



#77

Carbazole

Concen: 22.416 ng/ul

RT: 17.928 min Scan# 2506

Delta R.T. -0.000 min

Lab File: BP014756.D

Acq: 20 Apr 2023 15:10

Tgt Ion:167 Resp: 1668453

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.4 10.2 15.2

