

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014767.D
 Acq On : 20 Apr 2023 21:19
 Operator : CG/JU
 Sample : 02296-07DL2 100X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 20 23:37:45 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)

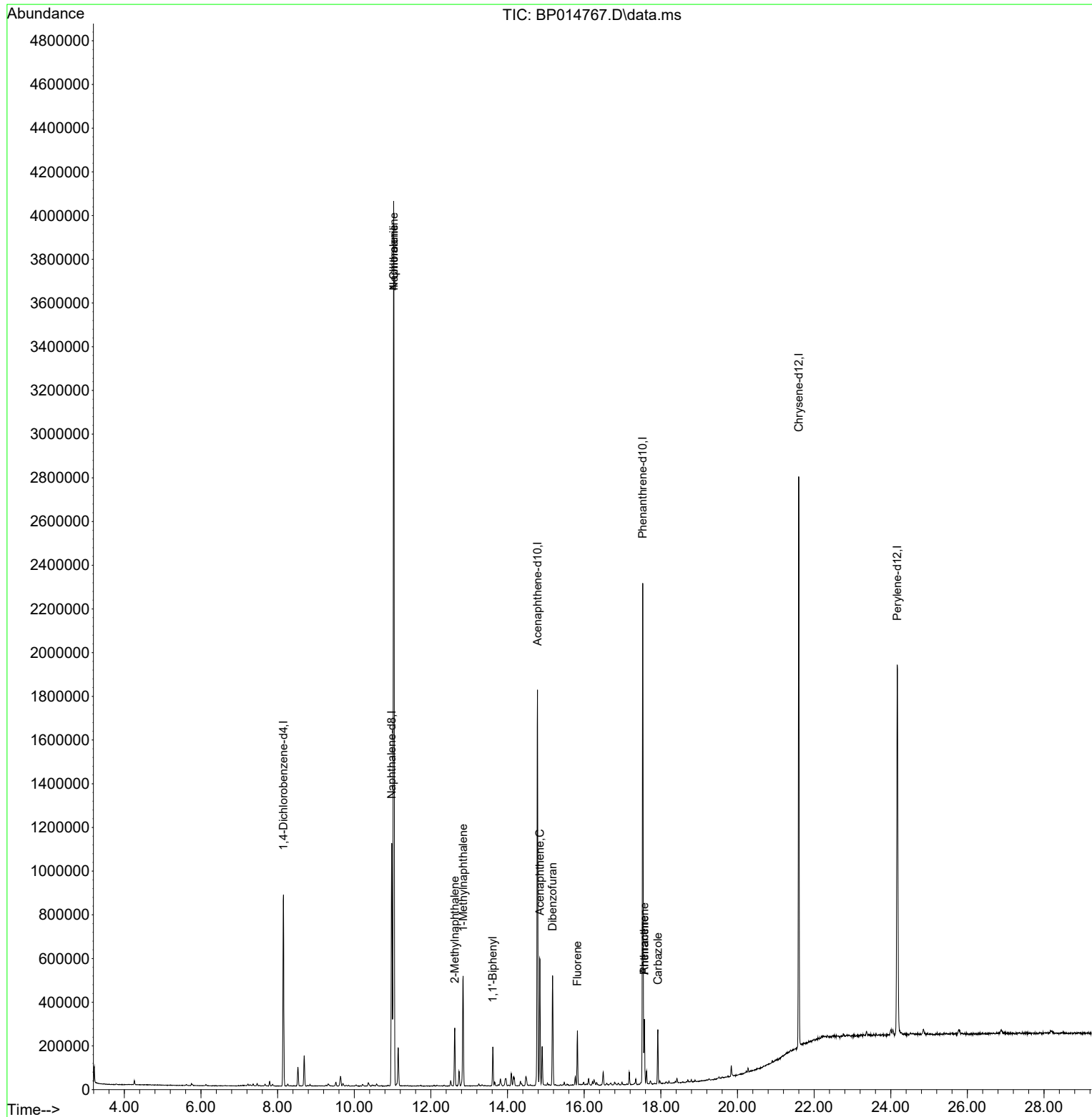
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	237667	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	952688	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	591199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	1315310	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1221807	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	1343111	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.493	96	273	0.046	ng/uL	0.00
4) Pyridine-d5	3.911	84	105	0.006	ng/ul	0.00
7) Phenol-d5	7.287	99	1328	0.065	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.464	67	4447	0.351	ng/ul	0.00
11) 2-Chlorophenol-d4	7.669	132	3292	0.216	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	2076	0.130	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	2077	0.348	ng/ul	0.00
24) 2-Nitrophenol-d4	10.046	143	1436	0.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	3497	0.239	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.105	131	4647	0.208	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	16993	0.363	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	16361	0.302	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	159	0.021	ng/ul	0.00
60) Fluorene-d10	15.769	176	14950	0.372	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	901	0.169	ng/ul	0.00
73) Anthracene-d10	17.628	188	24092	0.379	ng/ul	0.00
81) Pyrene-d10	19.839	212	24589	0.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	19724	0.283	ng/ul	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.028	128	3363799	63.001	ng/ul	100
32) 4-Chloroaniline	11.028	127	437873	19.343	ng/ul#	8
36) 2-Methylnaphthalene	12.622	142	116736	3.275	ng/ul	95
37) 1-Methylnaphthalene	12.840	142	227178	6.429	ng/ul	99
43) 1,1'-Biphenyl	13.616	154	87955	1.835	ng/ul	99
52) Acenaphthene	14.845	153	234848	5.858	ng/ul	98
56) Dibenzofuran	15.175	168	284324	5.039	ng/ul	99
61) Fluorene	15.822	166	105107	2.282	ng/ul	99
72) Phenanthrene	17.569	178	169443	2.286	ng/ul	100
74) Anthracene	17.569	178	169443	2.255	ng/ul	99
77) Carbazole	17.922	167	145914	2.212	ng/ul	99

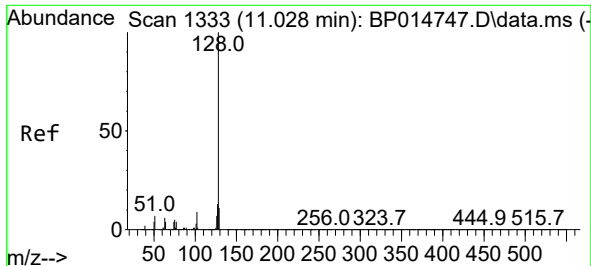
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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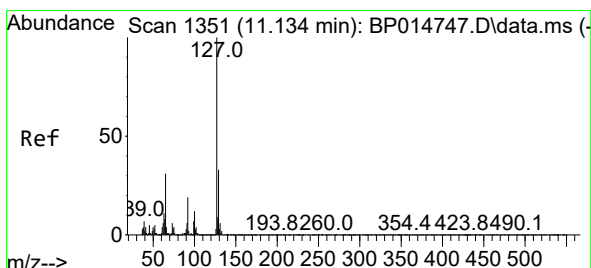
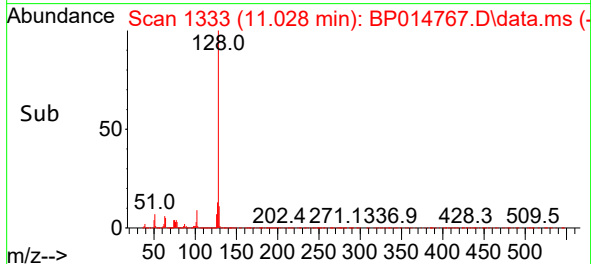
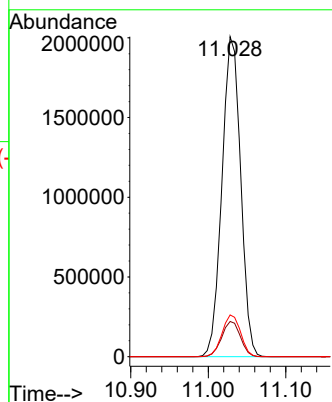
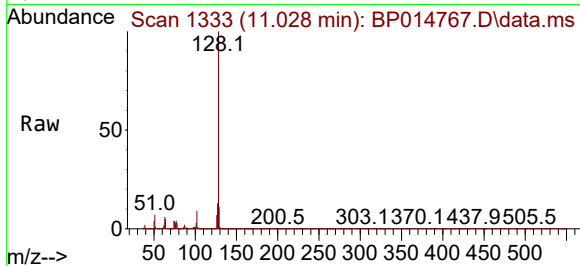




#30
Naphthalene
Concen: 63.001 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014767.D
Acq: 20 Apr 2023 21:19

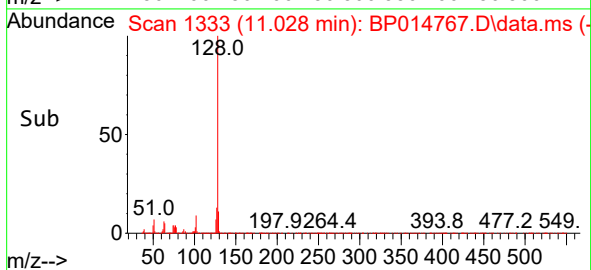
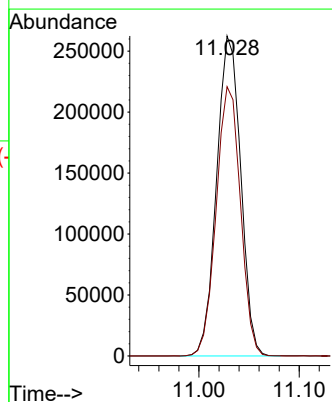
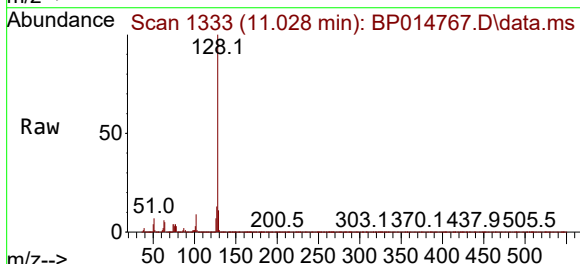
Instrument :
BNA_P
ClientSampleId :

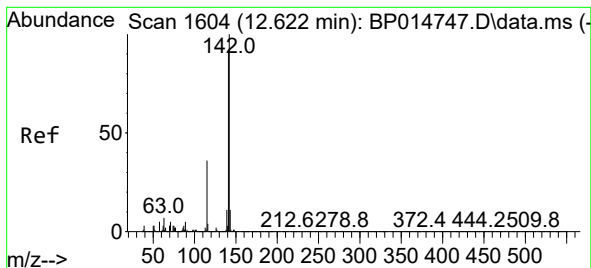
Tgt Ion:128 Resp: 3363799
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 19.343 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.106 min
Lab File: BP014767.D
Acq: 20 Apr 2023 21:19

Tgt Ion:127 Resp: 437873
Ion Ratio Lower Upper
127 100
129 84.2 26.0 39.0#





#36

2-Methylnaphthalene

Concen: 3.275 ng/ul

RT: 12.622 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BP014767.D

Acq: 20 Apr 2023 21:19

Instrument :

BNA_P

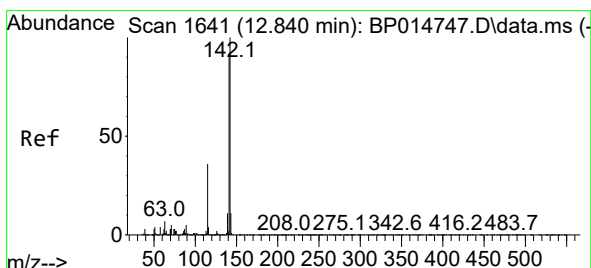
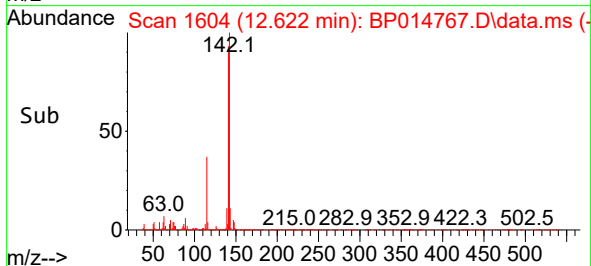
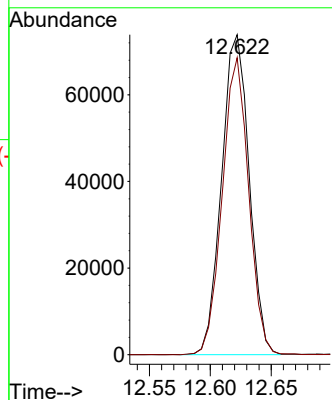
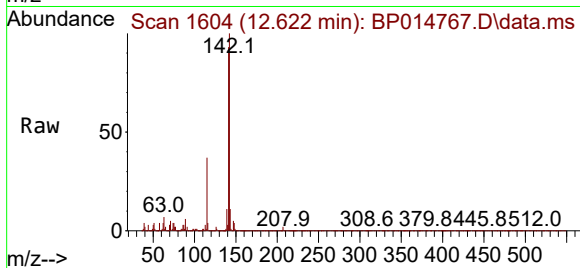
ClientSampleId :

Tgt Ion:142 Resp: 116736

Ion Ratio Lower Upper

142 100

141 92.8 70.9 106.3



#37

1-Methylnaphthalene

Concen: 6.429 ng/ul

RT: 12.840 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP014767.D

Acq: 20 Apr 2023 21:19

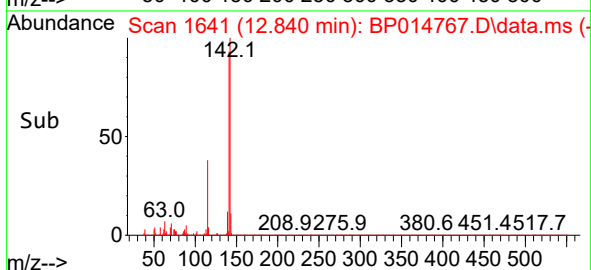
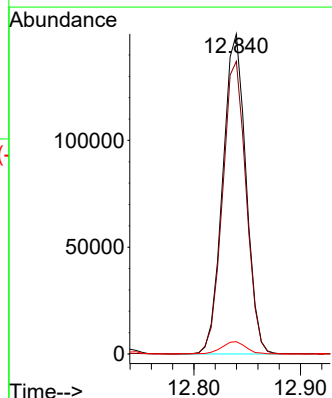
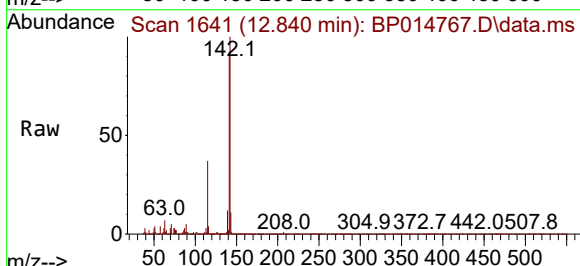
Tgt Ion:142 Resp: 227178

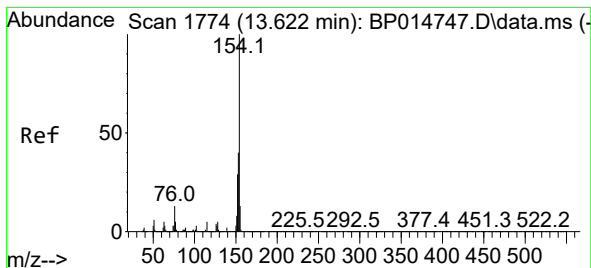
Ion Ratio Lower Upper

142 100

141 91.5 73.8 110.6

116 3.8 3.3 4.9





#43

1,1'-Biphenyl

Concen: 1.835 ng/ul

RT: 13.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014767.D

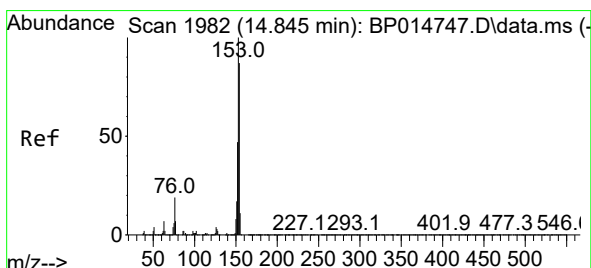
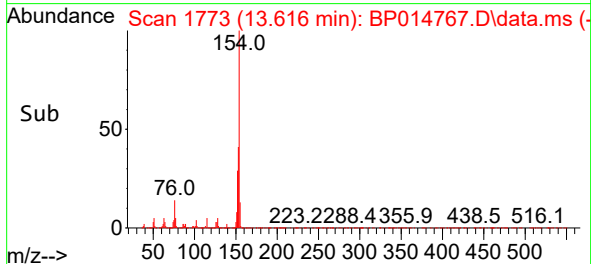
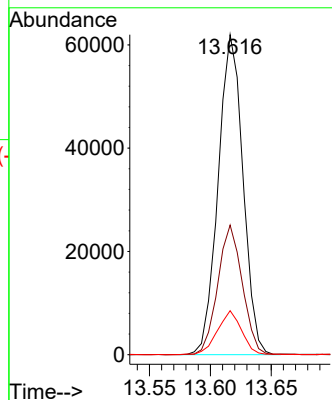
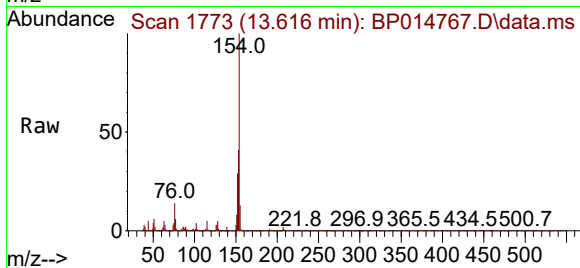
Acq: 20 Apr 2023 21:19

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:154	Resp:	87955
Ion Ratio	Lower	Upper
154	100	
153	40.5	31.9 47.9
76	13.7	10.8 16.2



#52

Acenaphthene

Concen: 5.858 ng/ul

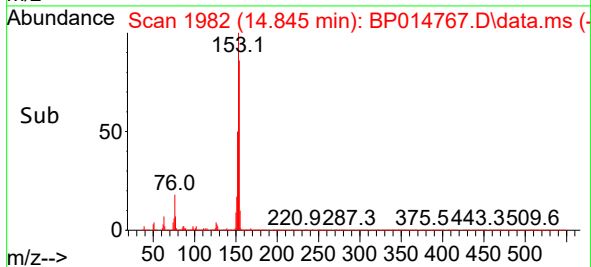
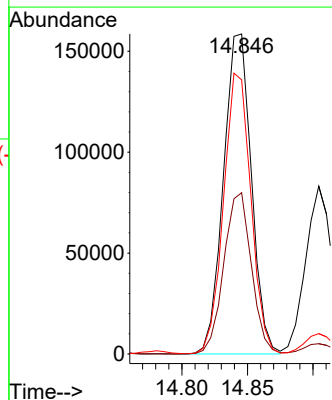
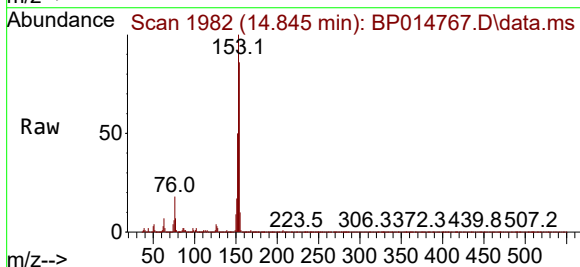
RT: 14.845 min Scan# 1982

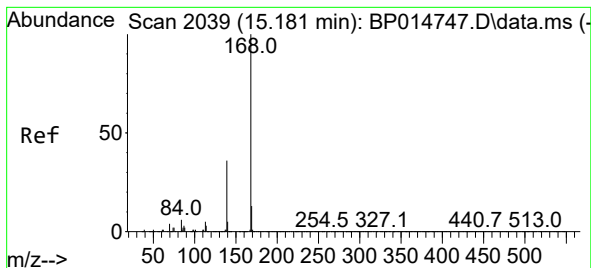
Delta R.T. 0.000 min

Lab File: BP014767.D

Acq: 20 Apr 2023 21:19

Tgt Ion:153	Resp:	234848
Ion Ratio	Lower	Upper
153	100	
152	50.4	38.4 57.6
154	85.6	69.8 104.8





#56

Dibenzenofuran

Concen: 5.039 ng/ul

RT: 15.175 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BP014767.D

Acq: 20 Apr 2023 21:19

Instrument :

BNA_P

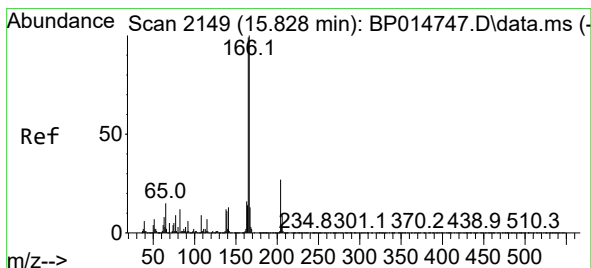
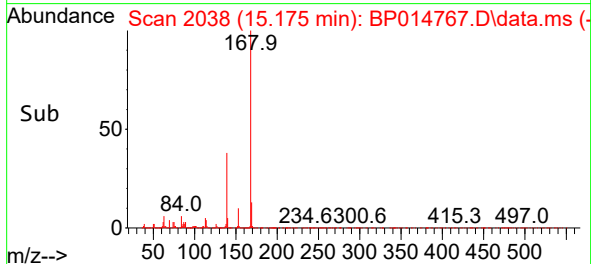
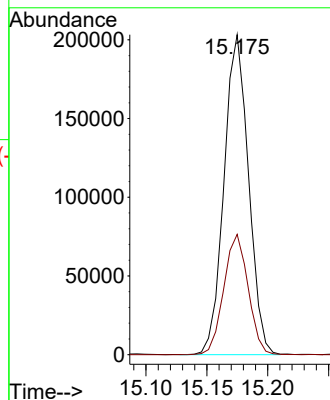
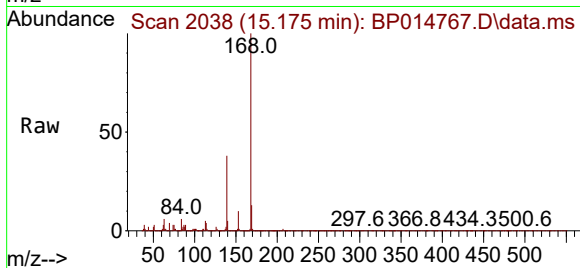
ClientSampleId :

Tgt Ion:168 Resp: 284324

Ion Ratio Lower Upper

168 100

139 37.6 29.8 44.8



#61

Fluorene

Concen: 2.282 ng/ul

RT: 15.822 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BP014767.D

Acq: 20 Apr 2023 21:19

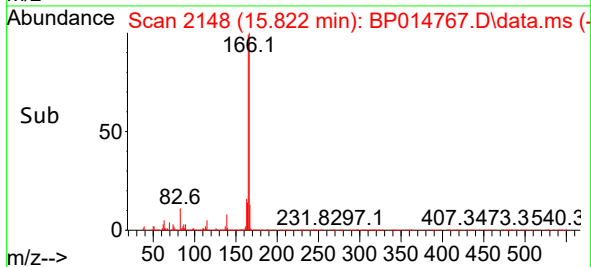
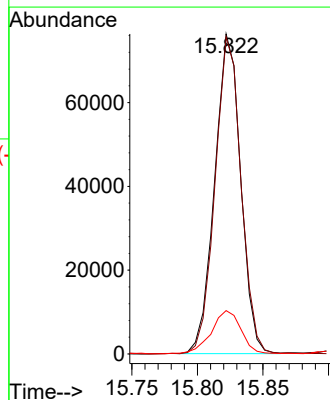
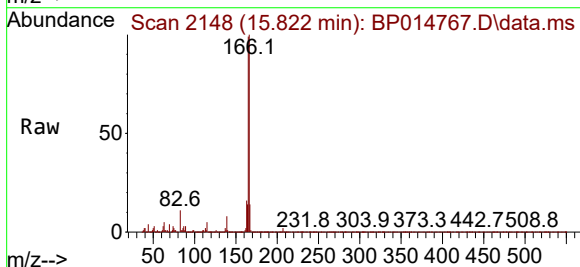
Tgt Ion:166 Resp: 105107

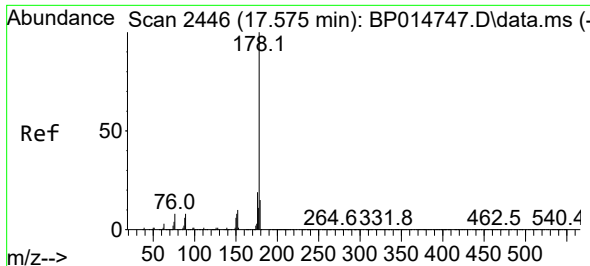
Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

167 13.5 10.5 15.7

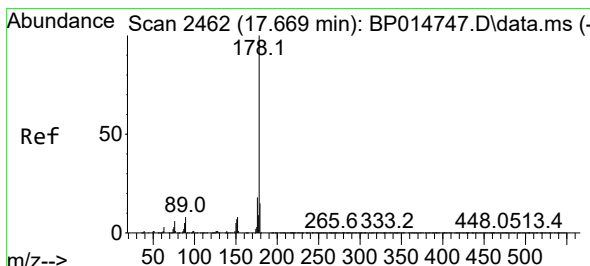
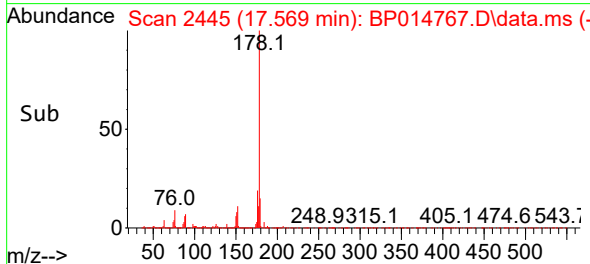
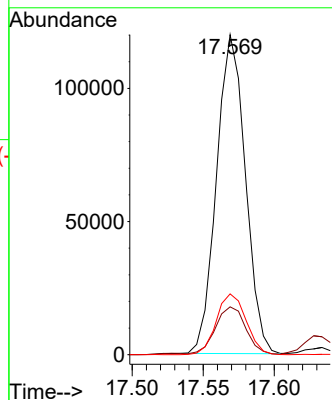
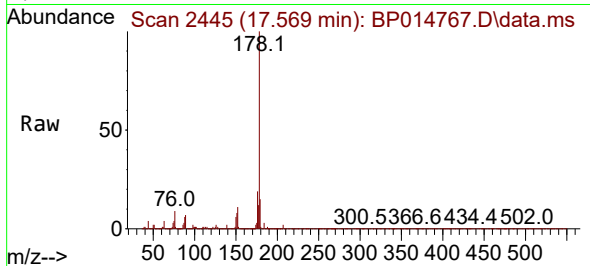




#72
Phenanthrene
Concen: 2.286 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP014767.D
Acq: 20 Apr 2023 21:19

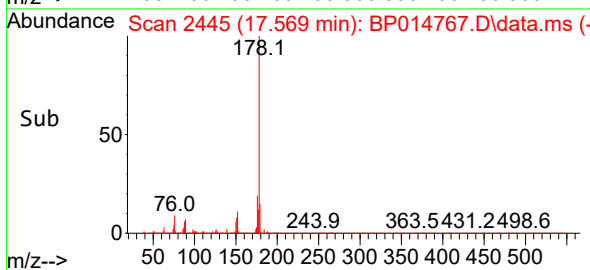
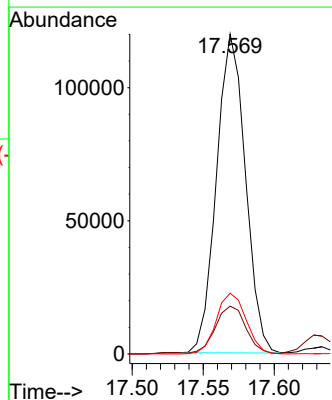
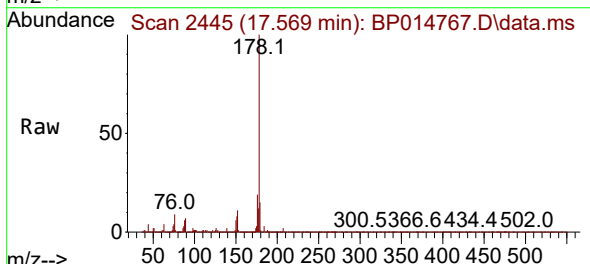
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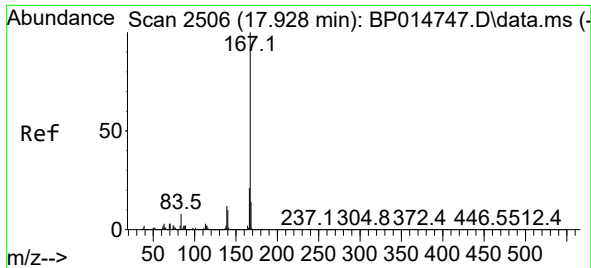
Tgt Ion:178 Resp: 169443
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 19.0 15.3 22.9



#74
Anthracene
Concen: 2.255 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.100 min
Lab File: BP014767.D
Acq: 20 Apr 2023 21:19

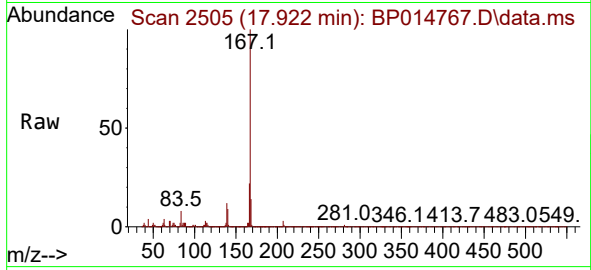
Tgt Ion:178 Resp: 169443
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.0 15.1 22.7





#77
 Carbazole
 Concen: 2.212 ng/ul
 RT: 17.922 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014767.D
 Acq: 20 Apr 2023 21:19

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:167 Resp: 145914
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.4
 139 12.5 10.2 15.2

