

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014788.D
 Acq On : 21 Apr 2023 13:33
 Operator : CG/JU
 Sample : 02296-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 21 22:34:32 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

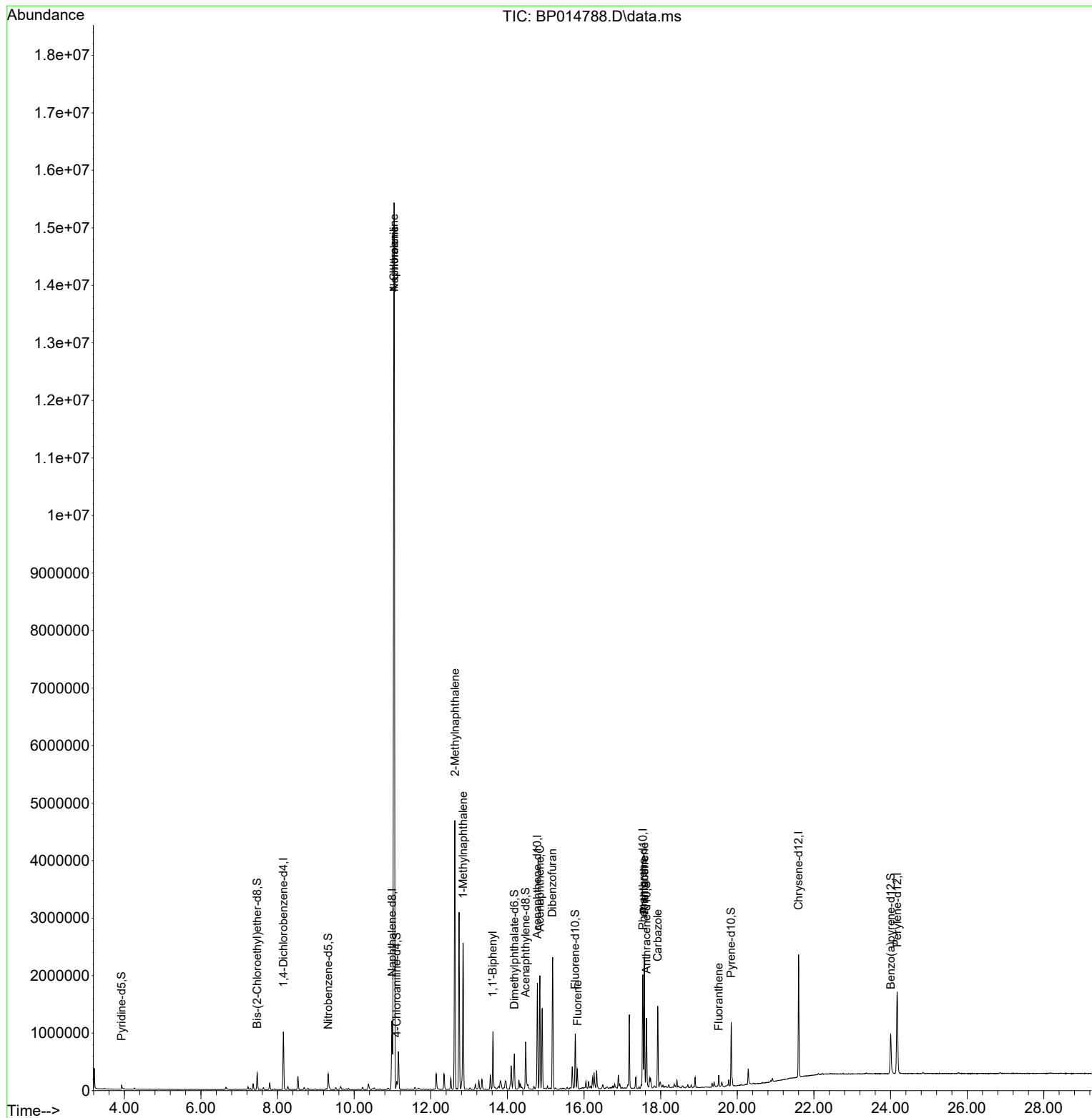
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	266439	20.000	ng/ul	0.00
20) Naphthalene-d8	10.986	136	1061366	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.780	164	605244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1216304	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1027679	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1161902	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	4103	0.612	ng/uL	0.00
4) Pyridine-d5	3.928	84	36545	2.002	ng/ul	0.01
7) Phenol-d5	7.292	99	798	0.035	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	121490	8.548	ng/ul	0.00
11) 2-Chlorophenol-d4	7.669	132	371	0.022	ng/ul	0.00
15) 4-Methylphenol-d8	8.851	113	3211	0.179	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	59299	8.916	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	23	0.004	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	25	0.002	ng/ul	0.14
31) 4-Chloroaniline-d4	11.110	131	73789	2.964	ng/ul	0.00
46) Dimethylphthalate-d6	14.180	166	381609	7.963	ng/ul	0.00
49) Acenaphthylene-d8	14.474	160	472759	8.512	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	443	0.058	ng/ul	0.02
60) Fluorene-d10	15.769	176	364452	8.863	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	29	0.006	ng/ul	0.01
73) Anthracene-d10	17.627	188	530883	9.035	ng/ul	0.00
81) Pyrene-d10	19.839	212	569962	9.682	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.003	264	529836	8.798	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.045	128	15308802	257.362	ng/ul	99
32) 4-Chloroaniline	11.039	127	2077568	82.380	ng/ul#	10
36) 2-Methylnaphthalene	12.628	142	2149527	54.130	ng/ul	100
37) 1-Methylnaphthalene	12.845	142	1163170	29.546	ng/ul	99
43) 1,1'-Biphenyl	13.616	154	124726	2.541	ng/ul#	91
52) Acenaphthene	14.845	153	772887	18.832	ng/ul	99
56) Dibenzofuran	15.174	168	1291967	22.367	ng/ul	99
61) Fluorene	15.827	166	120076	2.547	ng/ul	91
72) Phenanthrene	17.574	178	1275518	18.607	ng/ul	99
74) Anthracene	17.574	178	1275553	18.354	ng/ul	99
77) Carbazole	17.921	167	815989	13.375	ng/ul	100
80) Fluoranthene	19.515	202	110152	1.608	ng/ul	100

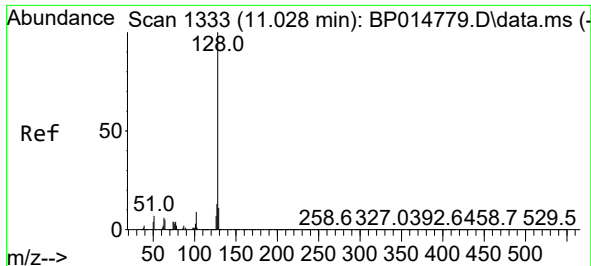
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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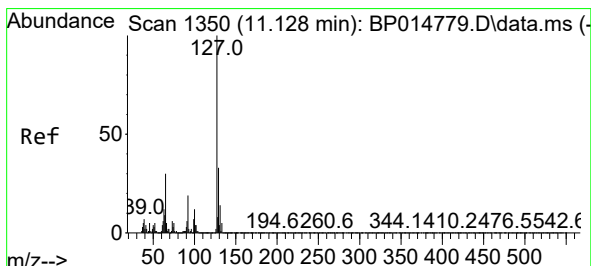
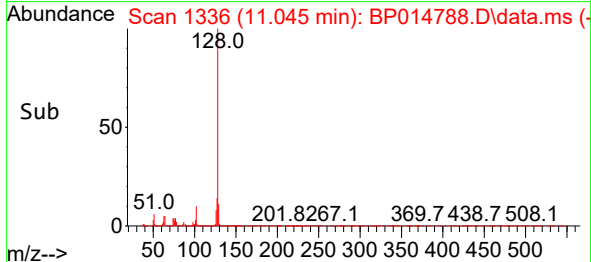
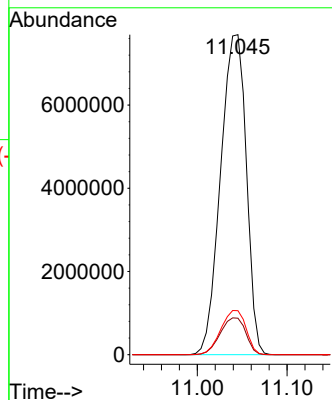
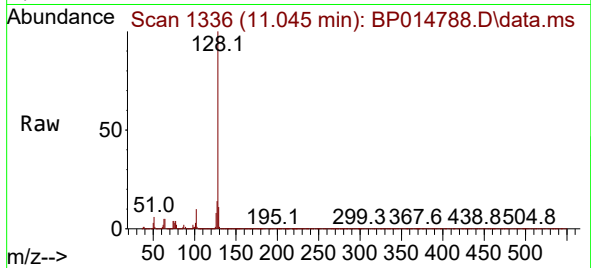




#30
Naphthalene
Concen: 257.362 ng/ul
RT: 11.045 min Scan# 1336
Delta R.T. 0.011 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

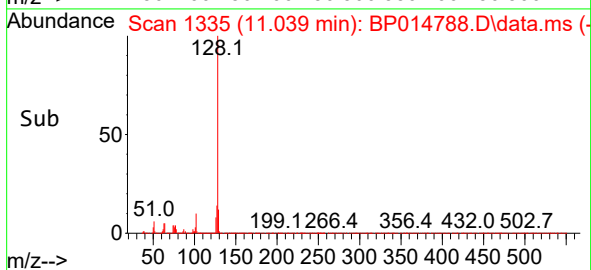
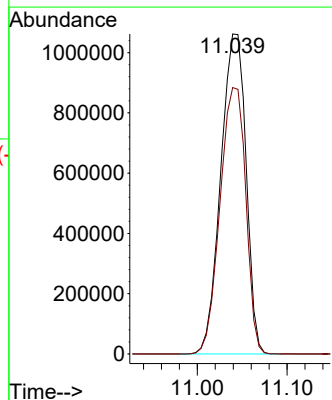
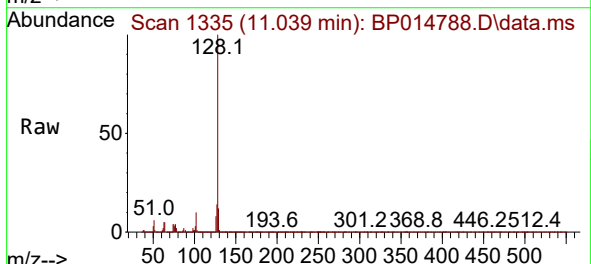
Instrument :
BNA_P
ClientSampleId :

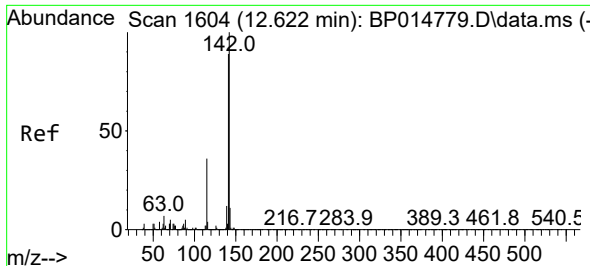
Tgt Ion:128 Resp:15308802
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.8 10.4 15.6



#32
4-Chloroaniline
Concen: 82.380 ng/ul
RT: 11.039 min Scan# 1335
Delta R.T. -0.095 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

Tgt Ion:127 Resp: 2077568
Ion Ratio Lower Upper
127 100
129 83.3 26.0 39.0#

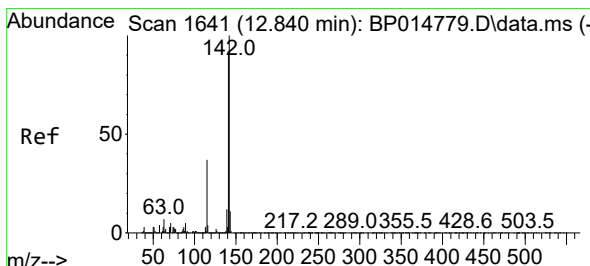
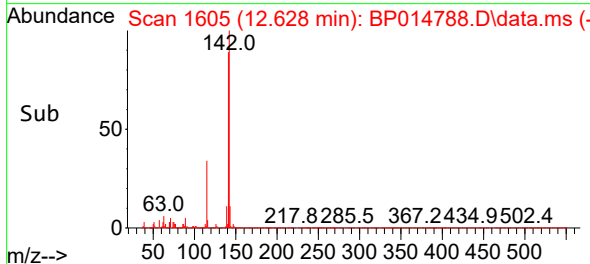
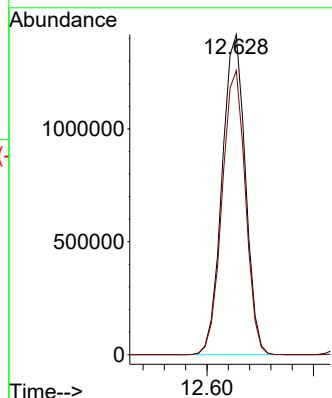
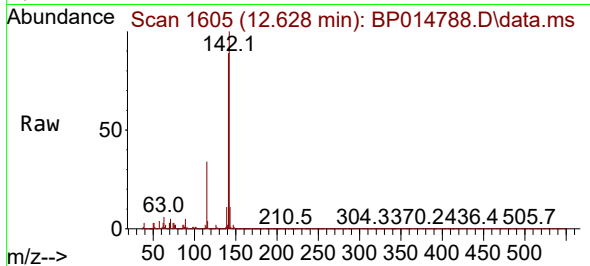




#36
2-Methylnaphthalene
Concen: 54.130 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

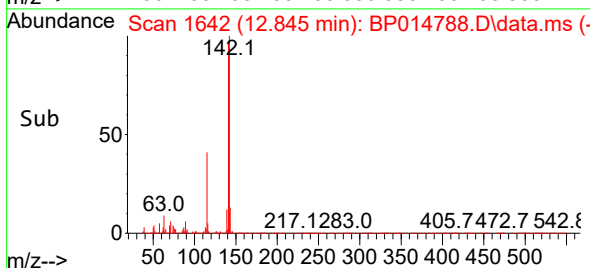
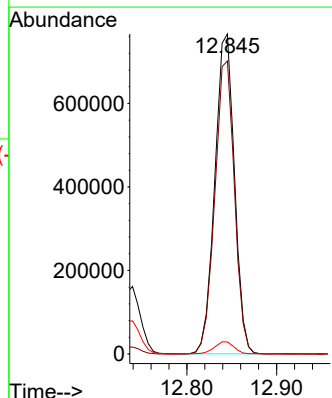
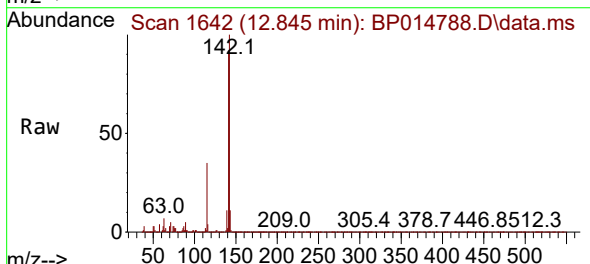
Instrument :
BNA_P
ClientSampleId :

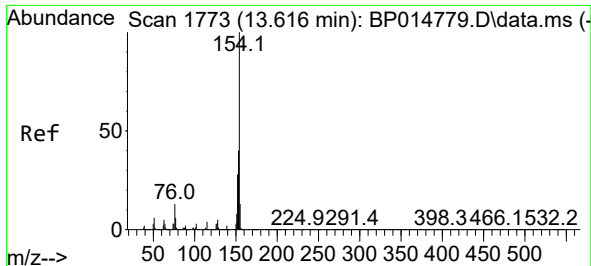
Tgt Ion:142 Resp: 2149527
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#37
1-Methylnaphthalene
Concen: 29.546 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. 0.005 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

Tgt Ion:142 Resp: 1163170
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6
116 3.8 3.3 4.9

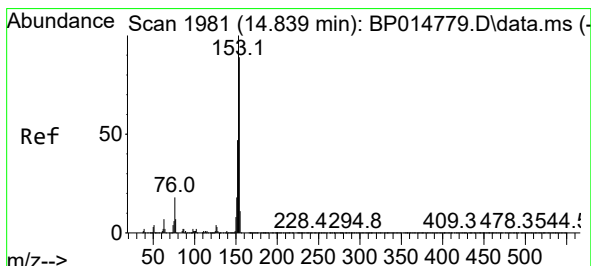
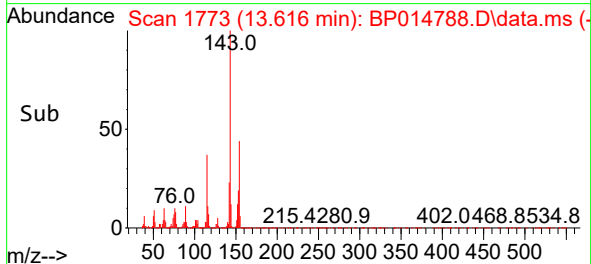
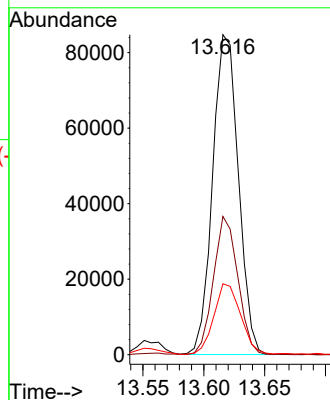
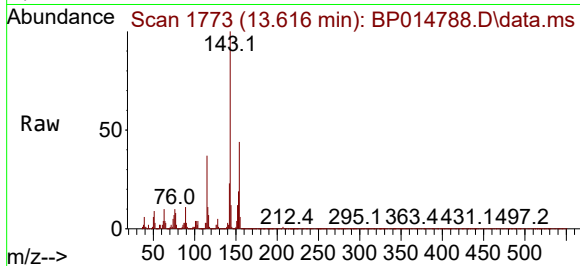




#43
1,1'-Biphenyl
Concen: 2.541 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

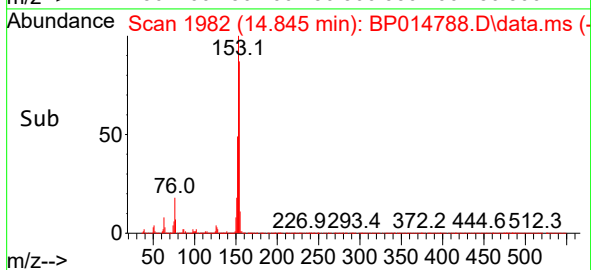
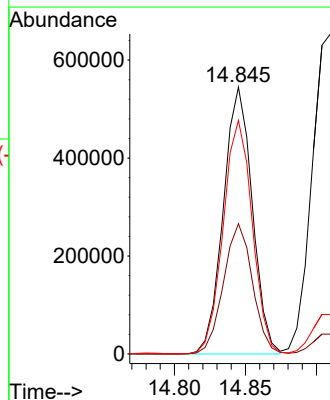
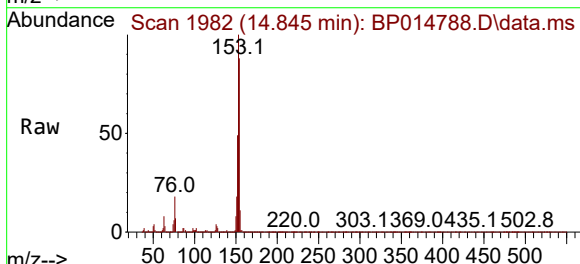
Instrument :
BNA_P
ClientSampleId :

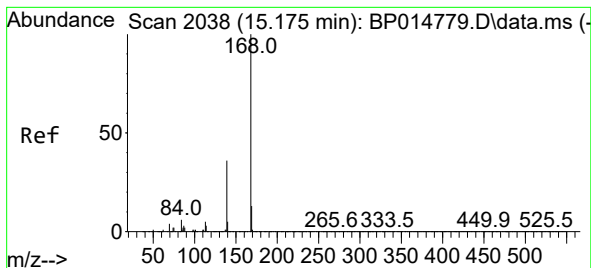
Tgt Ion:154 Resp: 124726
Ion Ratio Lower Upper
154 100
153 43.2 31.9 47.9
76 22.1 10.8 16.2#



#52
Acenaphthene
Concen: 18.832 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

Tgt Ion:153 Resp: 772887
Ion Ratio Lower Upper
153 100
152 48.8 38.4 57.6
154 87.5 69.8 104.8





#56

Dibenzenofuran

Concen: 22.367 ng/ul

RT: 15.174 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BP014788.D

Acq: 21 Apr 2023 13:33

Instrument :

BNA_P

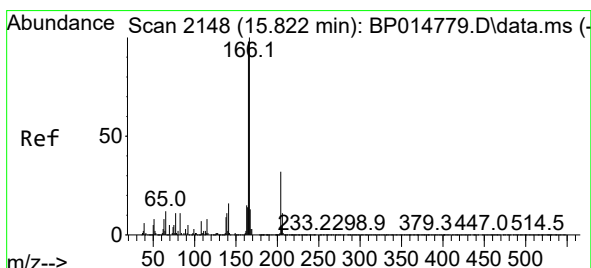
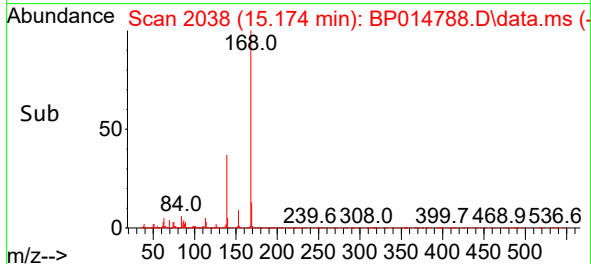
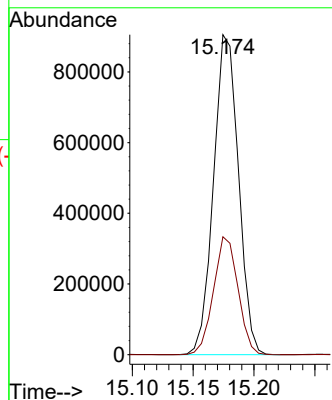
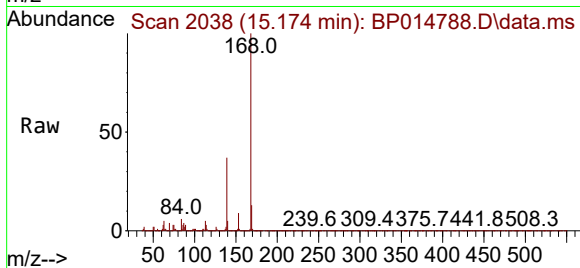
ClientSampleId :

Tgt Ion:168 Resp: 1291967

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.8



#61

Fluorene

Concen: 2.547 ng/ul

RT: 15.827 min Scan# 2149

Delta R.T. -0.000 min

Lab File: BP014788.D

Acq: 21 Apr 2023 13:33

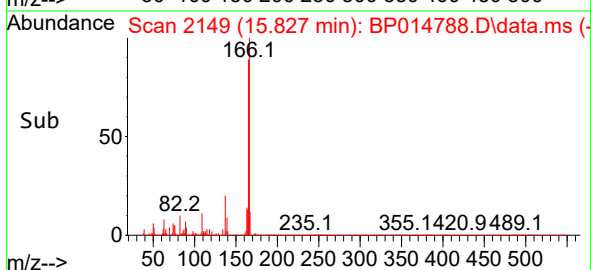
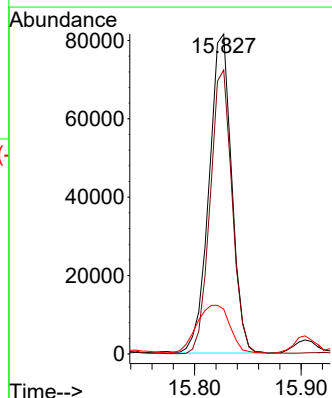
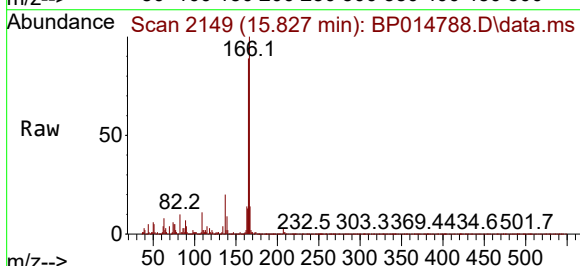
Tgt Ion:166 Resp: 120076

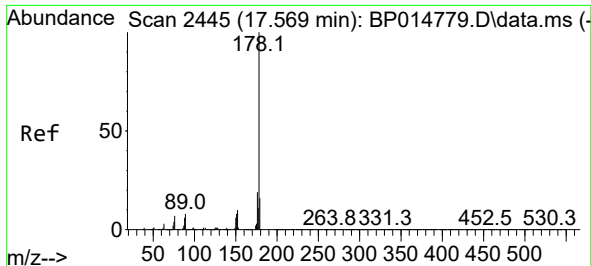
Ion Ratio Lower Upper

166 100

165 88.8 78.6 117.8

167 14.0 10.5 15.7

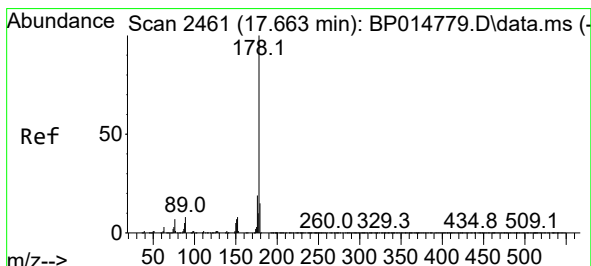
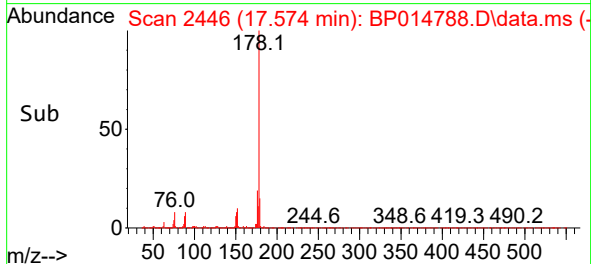
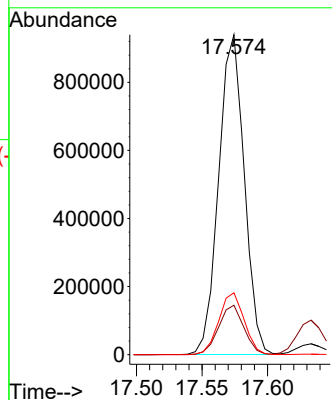
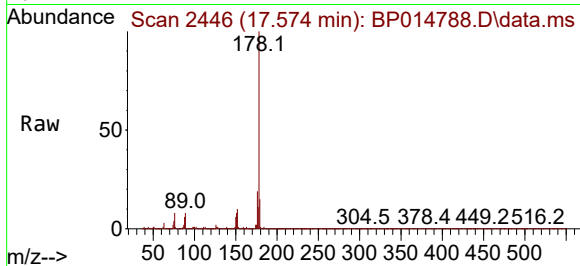




#72
Phenanthrene
Concen: 18.607 ng/ul
RT: 17.574 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

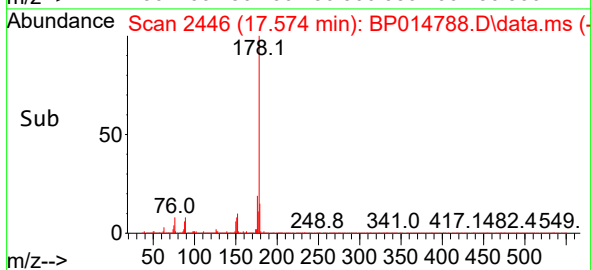
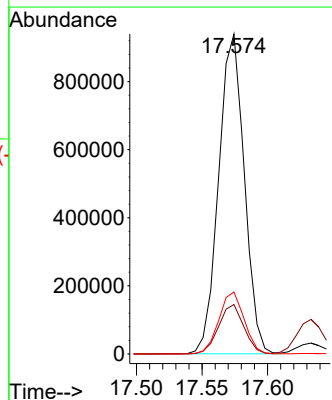
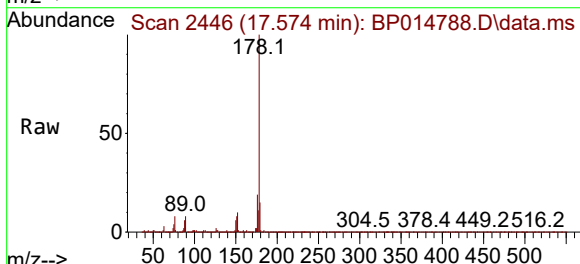
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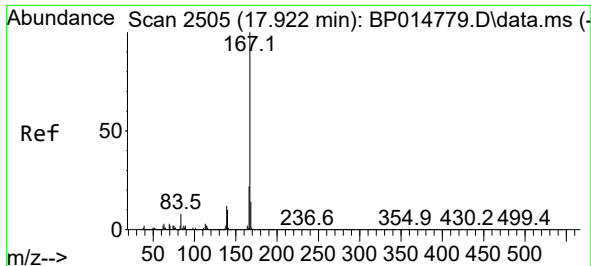
Tgt Ion:178 Resp: 1275518
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.4 15.3 22.9



#74
Anthracene
Concen: 18.354 ng/ul
RT: 17.574 min Scan# 2446
Delta R.T. -0.095 min
Lab File: BP014788.D
Acq: 21 Apr 2023 13:33

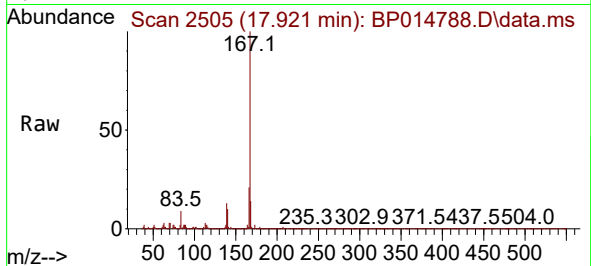
Tgt Ion:178 Resp: 1275553
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.1 22.7



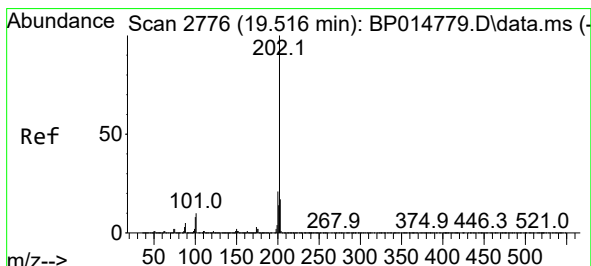
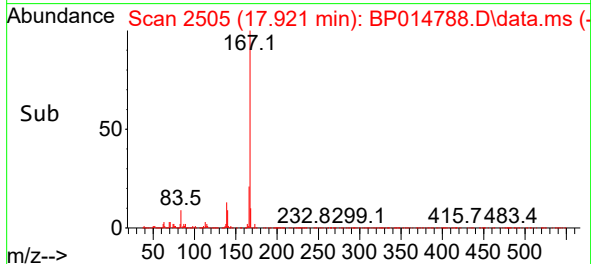
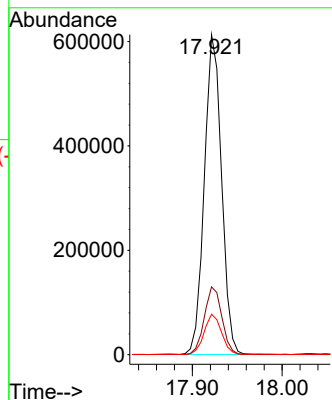


#77
 Carbazole
 Concen: 13.375 ng/ul
 RT: 17.921 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014788.D
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Instrument :
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 ClientSampleId :



Tgt Ion:167 Resp: 815989
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.7 10.2 15.2



#80
 Fluoranthene
 Concen: 1.608 ng/ul
 RT: 19.515 min Scan# 2776
 Delta R.T. -0.006 min
 Lab File: BP014788.D
 Acq: 21 Apr 2023 13:33

Tgt Ion:202 Resp: 110152
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.4 12.6
 100 8.2 6.4 9.6

