

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014770.D
 Acq On : 20 Apr 2023 22:59
 Operator : CG/JU
 Sample : 02296-06DL2 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBK6DL2

Quant Time: Apr 20 23:59:48 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)

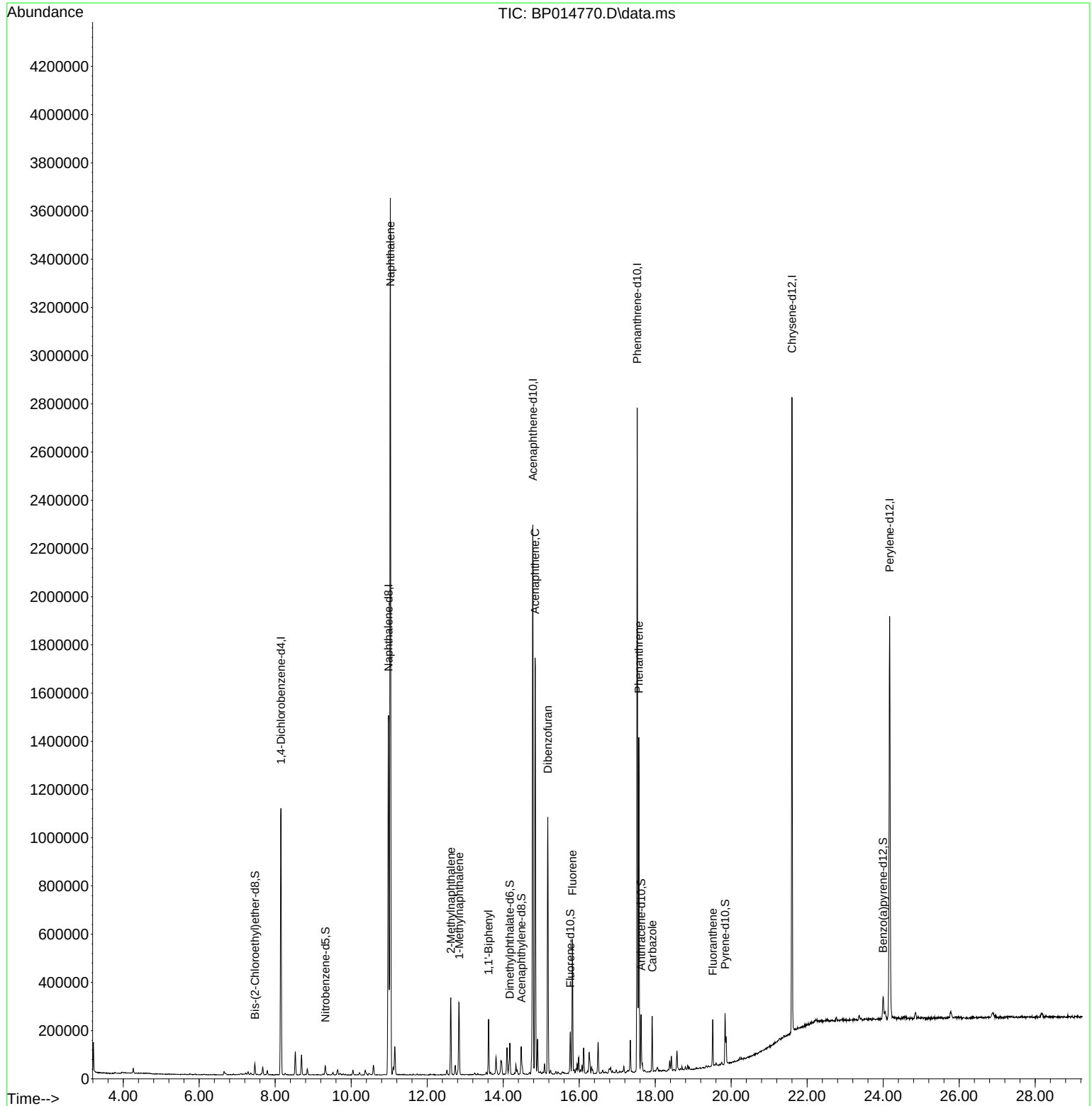
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	300580	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1237194	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	760294	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1569143	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1222116	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1316876	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	1801	0.238	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.281	99	4953	0.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	19923	1.243	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	13834	0.717	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	9252	0.457	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	8431	1.088	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	6100	0.871	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	14580	0.767	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.104	131	15407	0.531	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	76263	1.267	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	71768	1.029	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.769	176	65748	1.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.628	188	96185	1.269	ng/u1	0.00
81) Pyrene-d10	19.839	212	99807	1.426	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	74640	1.094	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.028	128	3000469	43.273	ng/u1	99
36) 2-Methylnaphthalene	12.622	142	143242	3.095	ng/u1	99
37) 1-Methylnaphthalene	12.840	142	138179	3.011	ng/u1	97
43) 1,1'-Biphenyl	13.616	154	111526	1.809	ng/u1	97
52) Acenaphthene	14.839	153	683891	13.265	ng/u1	99
56) Dibenzofuran	15.175	168	636102	8.767	ng/u1	98
61) Fluorene	15.822	166	234550	3.960	ng/u1	99
72) Phenanthrene	17.569	178	770401	8.711	ng/u1	100
77) Carbazole	17.922	167	128081	1.627	ng/u1	98
80) Fluoranthene	19.516	202	114010	1.400	ng/u1	99

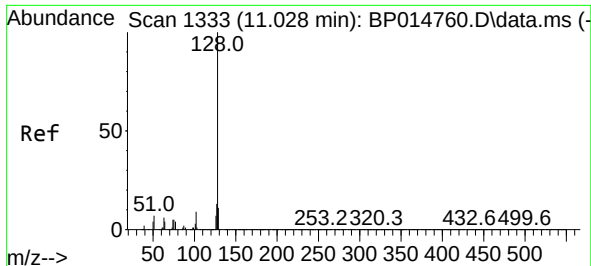
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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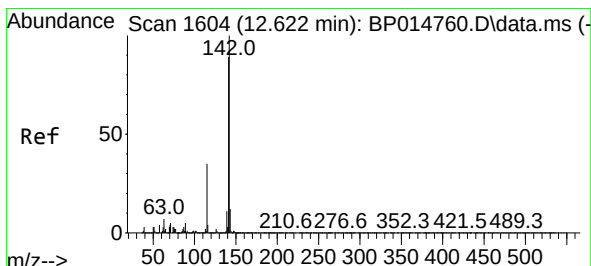
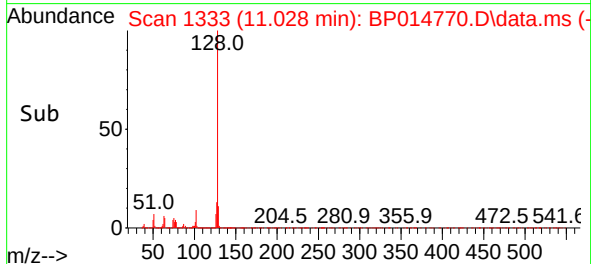
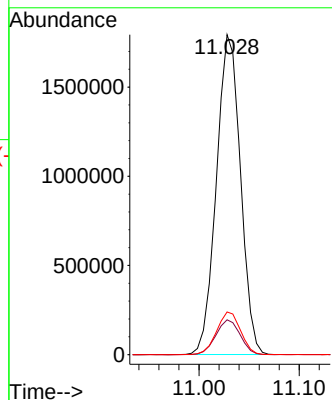
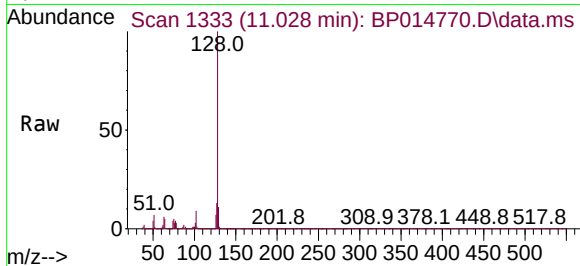




#30
Naphthalene
Concen: 43.273 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014770.D
Acq: 20 Apr 2023 22:59

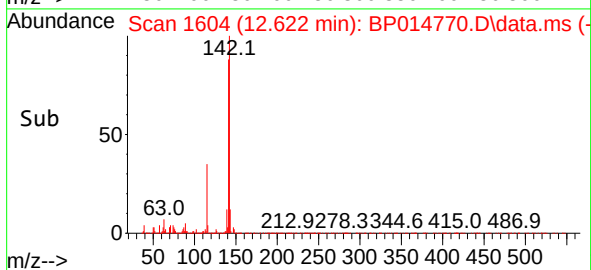
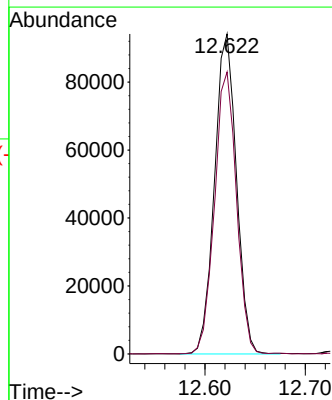
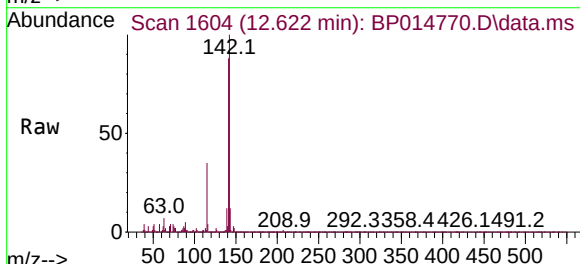
Instrument :
BNA_P
ClientSampleId :
DCBK6DL2

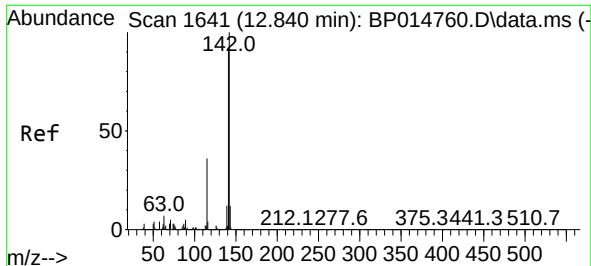
Tgt Ion:128 Resp: 3000469
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.4 15.6



#36
2-Methylnaphthalene
Concen: 3.095 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014770.D
Acq: 20 Apr 2023 22:59

Tgt Ion:142 Resp: 143242
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3

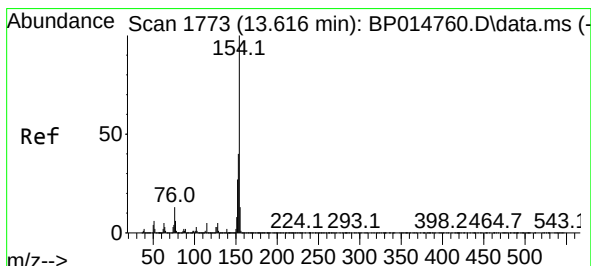
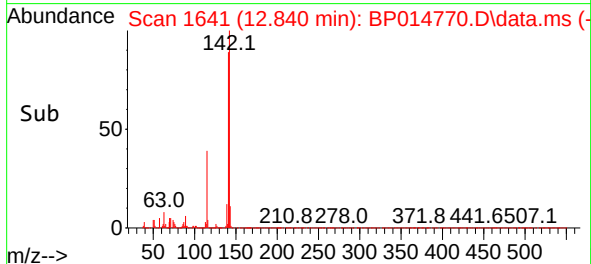
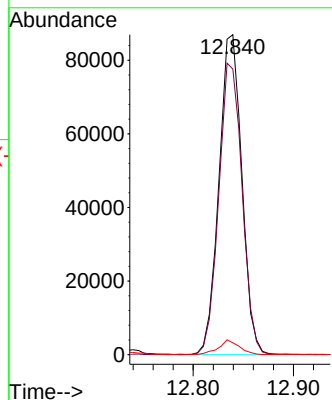
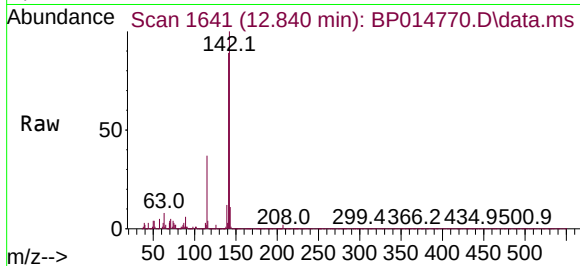




#37
1-Methylnaphthalene
Concen: 3.011 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014770.D
Acq: 20 Apr 2023 22:59

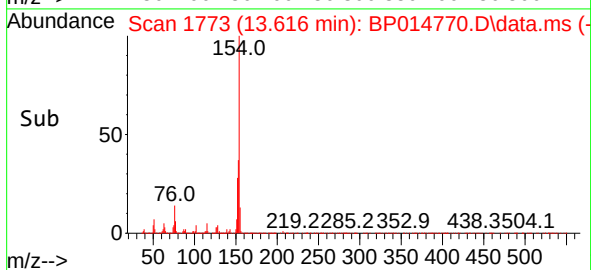
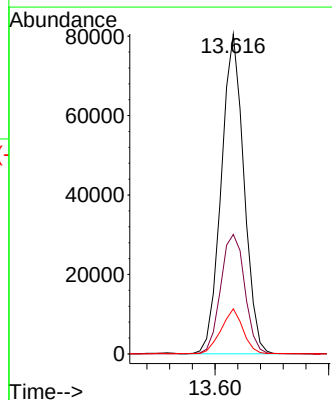
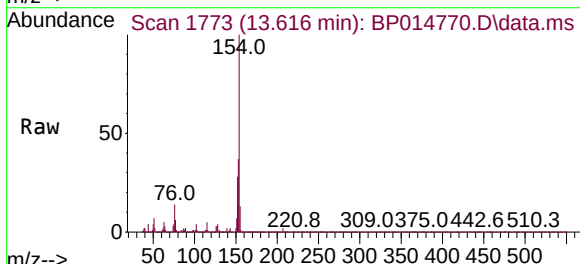
Instrument :
BNA_P
ClientSampleId :
DCBK6DL2

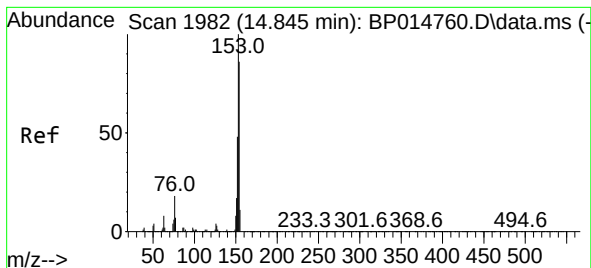
Tgt Ion:142 Resp: 138179
Ion Ratio Lower Upper
142 100
141 89.2 73.8 110.6
116 3.7 3.3 4.9



#43
1,1'-Biphenyl
Concen: 1.809 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP014770.D
Acq: 20 Apr 2023 22:59

Tgt Ion:154 Resp: 111526
Ion Ratio Lower Upper
154 100
153 37.3 31.9 47.9
76 14.1 10.8 16.2





#52

Acenaphthene

Concen: 13.265 ng/ul

RT: 14.839 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BP014770.D

Acq: 20 Apr 2023 22:59

Instrument :

BNA_P

ClientSampleId :

DCBK6DL2

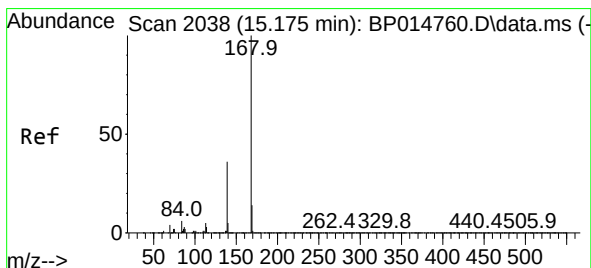
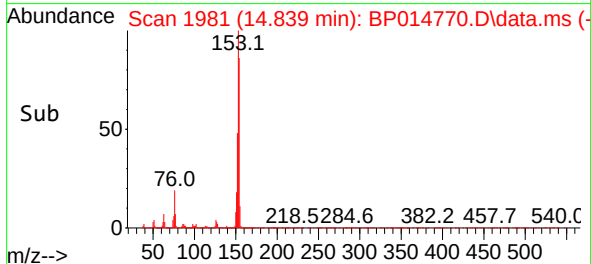
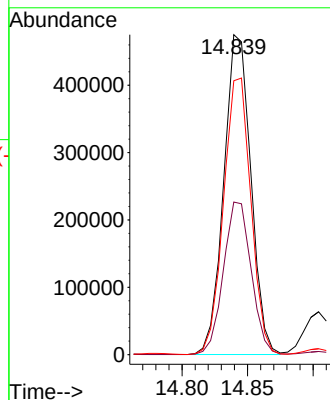
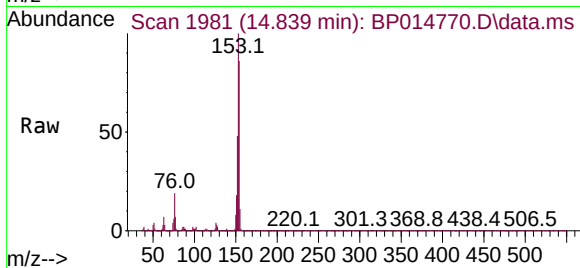
Tgt Ion:153 Resp: 683891

Ion Ratio Lower Upper

153 100

152 47.7 38.4 57.6

154 85.6 69.8 104.8



#56

Dibenzofuran

Concen: 8.767 ng/ul

RT: 15.175 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BP014770.D

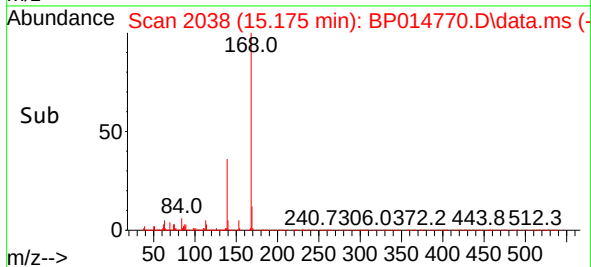
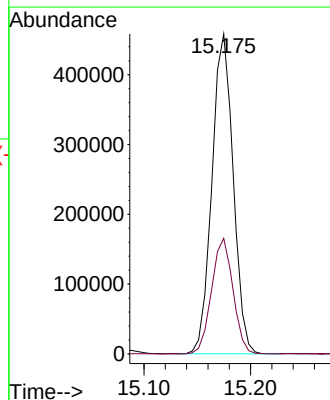
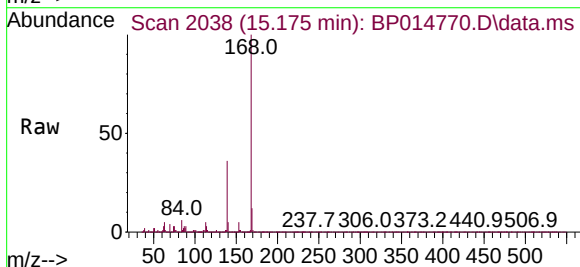
Acq: 20 Apr 2023 22:59

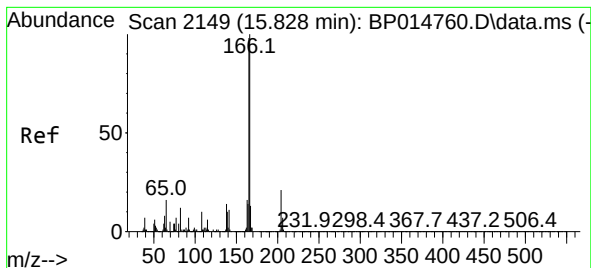
Tgt Ion:168 Resp: 636102

Ion Ratio Lower Upper

168 100

139 36.1 29.8 44.8





#61

Fluorene

Concen: 3.960 ng/ul

RT: 15.822 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BP014770.D

Acq: 20 Apr 2023 22:59

Instrument :

BNA_P

ClientSampleId :

DCBK6DL2

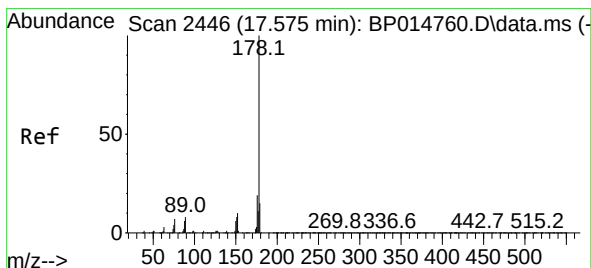
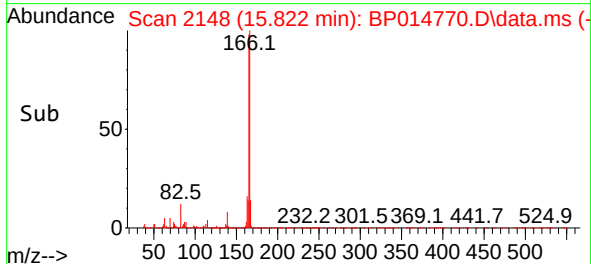
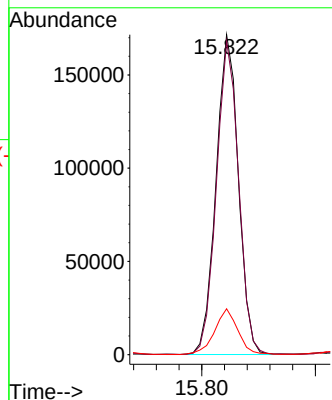
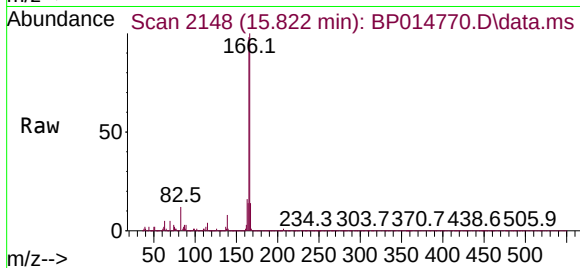
Tgt Ion:166 Resp: 234550

Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

167 14.3 10.5 15.7



#72

Phenanthrene

Concen: 8.711 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP014770.D

Acq: 20 Apr 2023 22:59

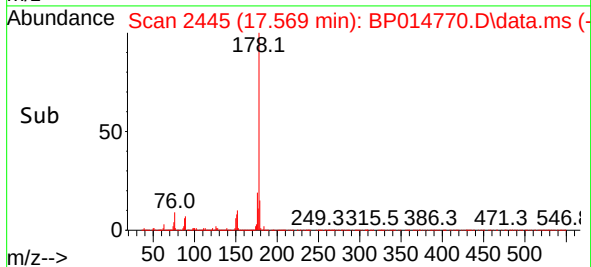
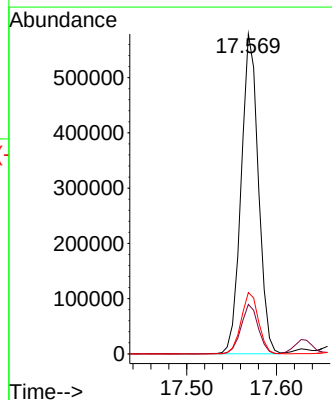
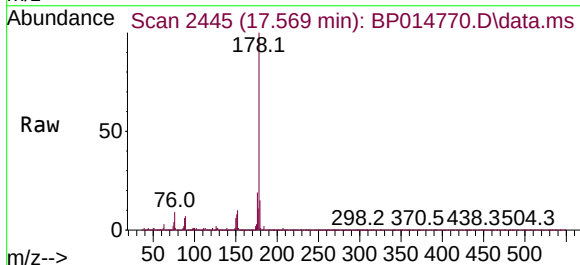
Tgt Ion:178 Resp: 770401

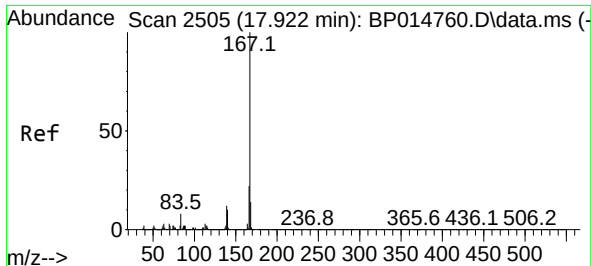
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 19.2 15.3 22.9

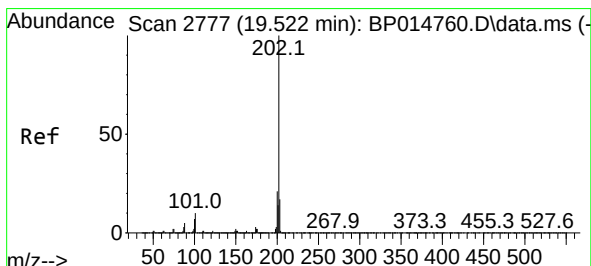
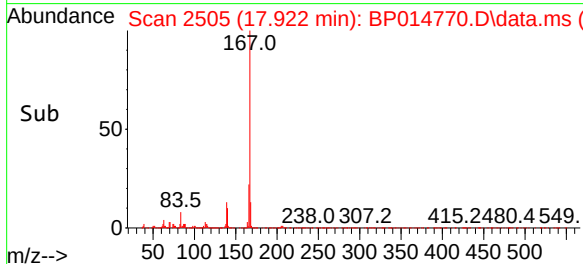
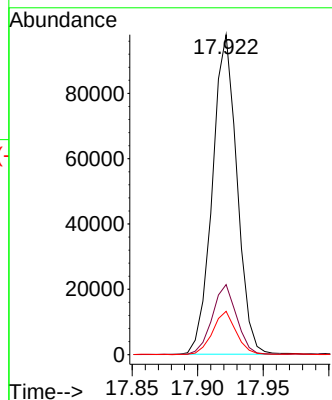
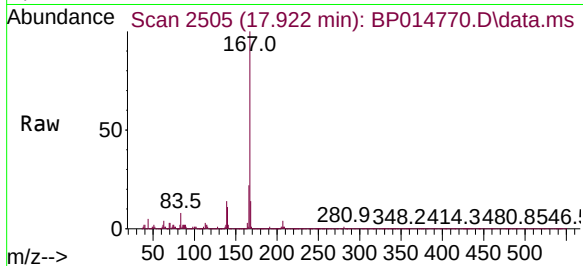




#77
 Carbazole
 Concen: 1.627 ng/ul
 RT: 17.922 min Scan# 2505
 Delta R.T. -0.006 min
 Lab File: BP014770.D
 Acq: 20 Apr 2023 22:59

Instrument :
 BNA_P
 ClientSampleId :
 DCBK6DL2

Tgt Ion:167	Resp: 128081
Ion Ratio	Lower Upper
167 100	
166 21.9	17.0 25.4
139 13.5	10.2 15.2



#80
 Fluoranthene
 Concen: 1.400 ng/ul
 RT: 19.516 min Scan# 2776
 Delta R.T. -0.006 min
 Lab File: BP014770.D
 Acq: 20 Apr 2023 22:59

Tgt	Ion:202	Resp:	114010
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
100	7.1	6.4	9.6

