

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014013.D
 Acq On : 09 Mar 2023 16:40
 Operator : CG/JU
 Sample : 01746-01DL2 50X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAC1DL2

Quant Time: Mar 10 00:20:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

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

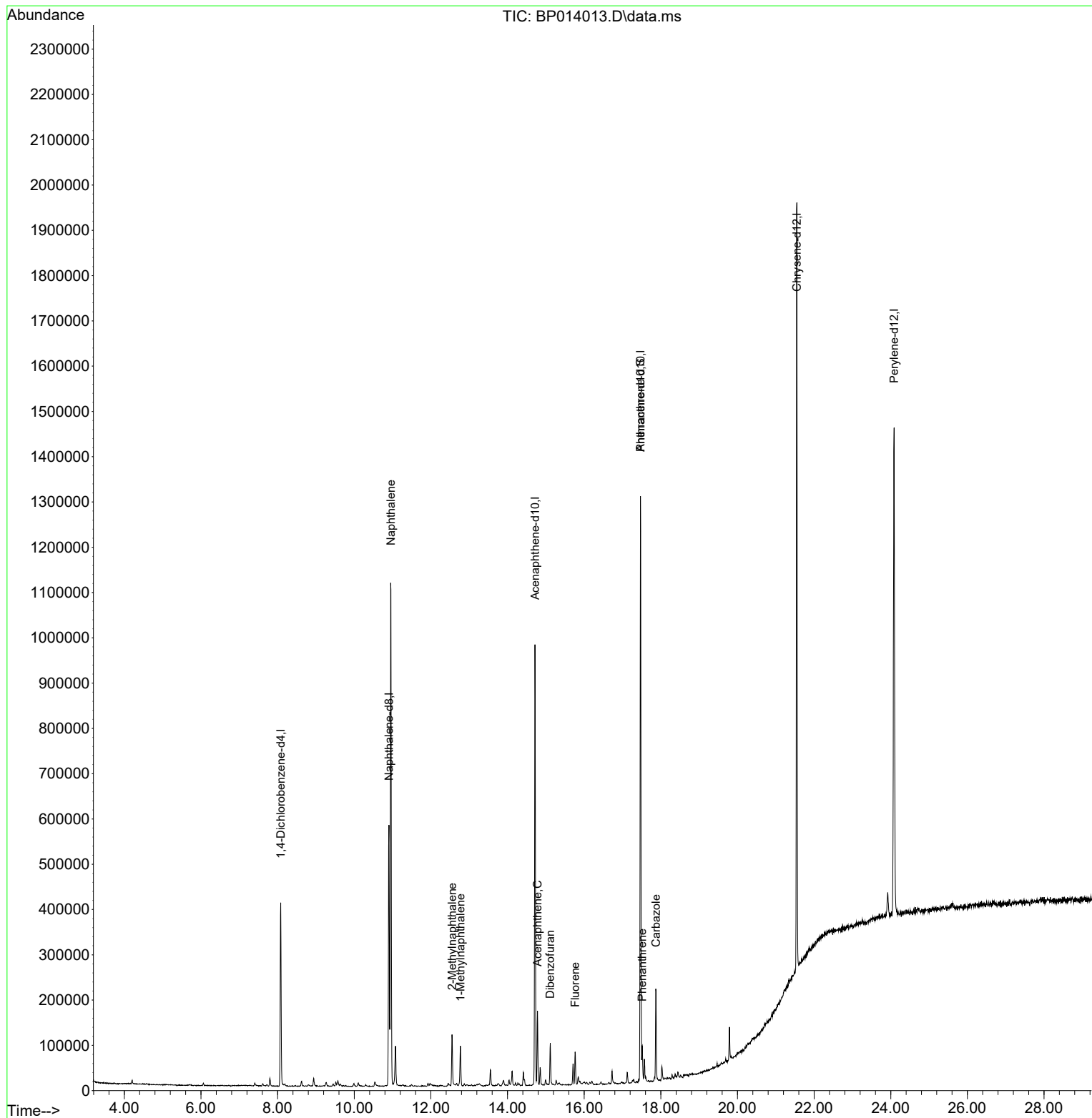
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	105806	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	448391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	312477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	779303	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	860724	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	878991	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	158	0.056	ng/uL	0.00
4) Pyridine-d5	3.875	84	94	0.012	ng/ul	0.00
7) Phenol-d5	7.252	99	397	0.043	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.405	67	3379	0.621	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	2557	0.359	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	1599	0.210	ng/ul	0.01
21) Nitrobenzene-d5	9.257	128	1497	0.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	1787	0.417	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	2836	0.352	ng/ul	0.03
31) 4-Chloroaniline-d4	11.063	131	3319	0.311	ng/ul	0.02
46) Dimethylphthalate-d6	14.122	166	20740	0.782	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	18461	0.657	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	46	0.010	ng/ul	0.00
60) Fluorene-d10	15.710	176	17473	0.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	3127	0.531	ng/ul	0.00
73) Anthracene-d10	17.469	188	779303	20.599	ng/ul	-0.11
81) Pyrene-d10	19.792	212	37429	0.788	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	33424	0.715	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	861186	34.976	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	50952	2.950	ng/ul	98
37) 1-Methylnaphthalene	12.769	142	36309	2.092	ng/ul	98
52) Acenaphthene	14.781	153	61205	2.970	ng/ul	97
56) Dibenzofuran	15.116	168	55602	1.854	ng/ul	98
61) Fluorene	15.763	166	32887	1.323	ng/ul	93
72) Phenanthrene	17.516	178	42907	1.009	ng/ul	99
77) Carbazole	17.875	167	128015	3.367	ng/ul	99

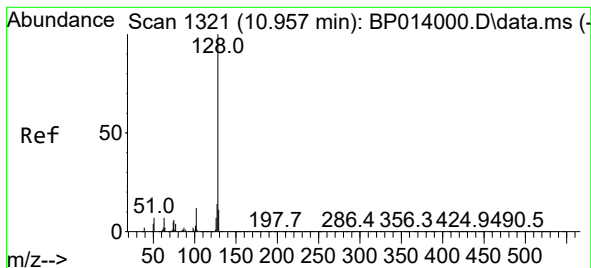
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 34.976 ng/ul

RT: 10.957 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP014013.D

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Instrument :

BNA_P

ClientSampleId :

DCAC1DL2

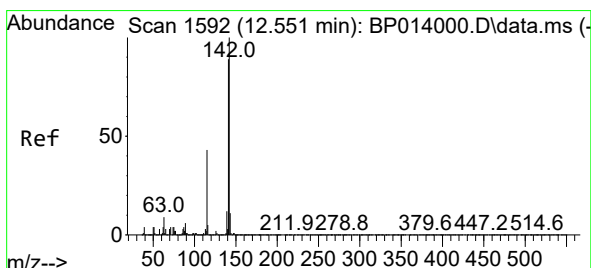
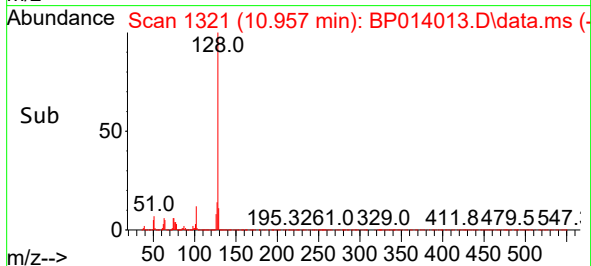
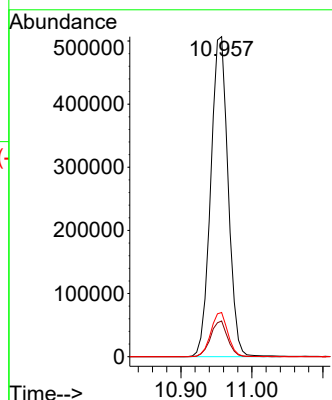
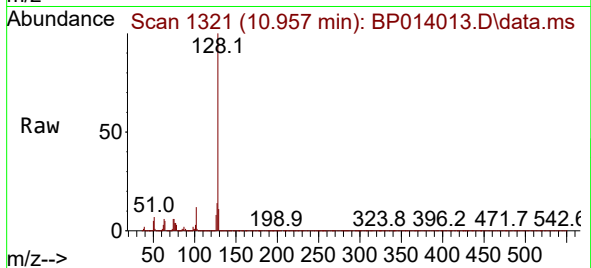
Tgt Ion:128 Resp: 861186

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 13.8 11.0 16.4



#36

2-Methylnaphthalene

Concen: 2.950 ng/ul

RT: 12.551 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BP014013.D

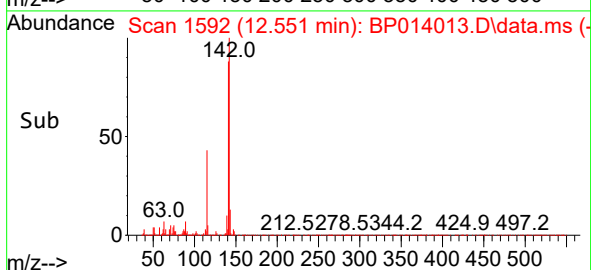
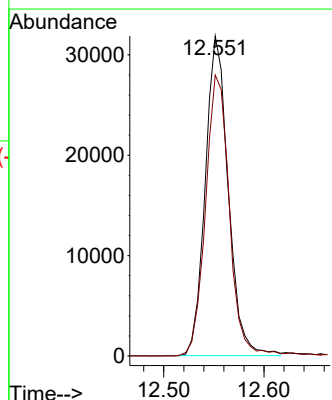
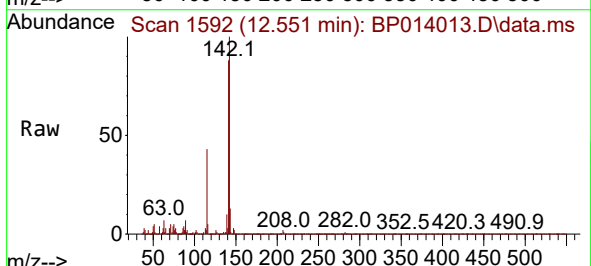
Acq: 09 Mar 2023 16:40

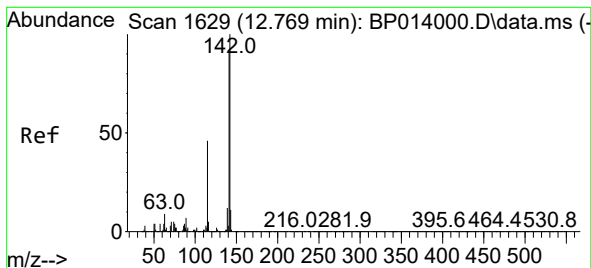
Tgt Ion:142 Resp: 50952

Ion Ratio Lower Upper

142 100

141 87.8 71.7 107.5





#37

1-Methylnaphthalene

Concen: 2.092 ng/ul

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014013.D

Acq: 09 Mar 2023 16:40

Instrument :

BNA_P

ClientSampleId :

DCAC1DL2

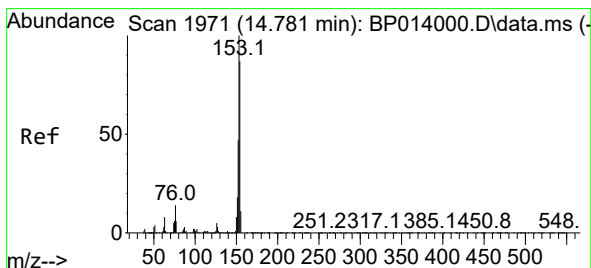
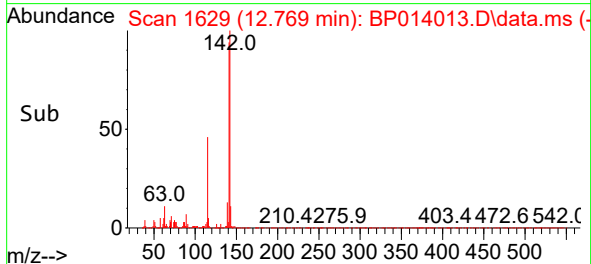
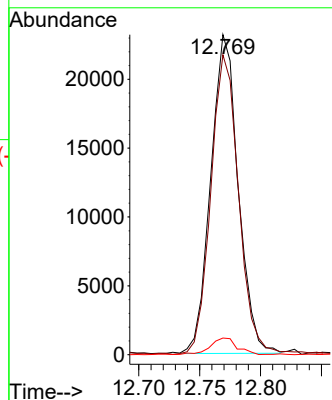
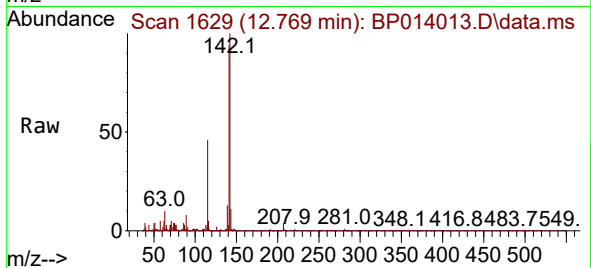
Tgt Ion:142 Resp: 36309

Ion Ratio Lower Upper

142 100

141 93.7 73.8 110.6

116 5.2 3.7 5.5



#52

Acenaphthene

Concen: 2.970 ng/ul

RT: 14.781 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP014013.D

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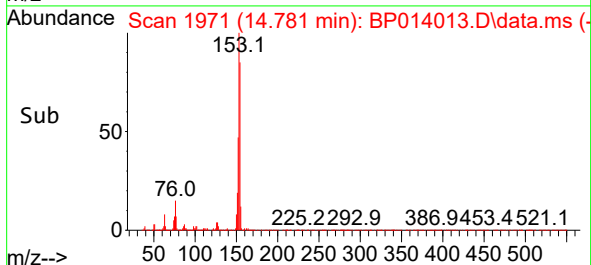
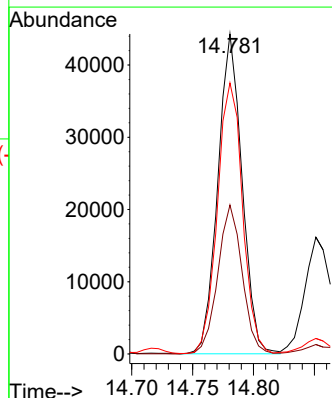
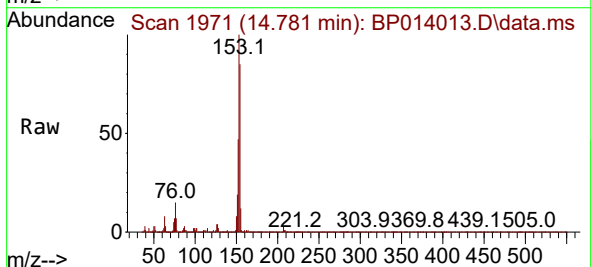
Tgt Ion:153 Resp: 61205

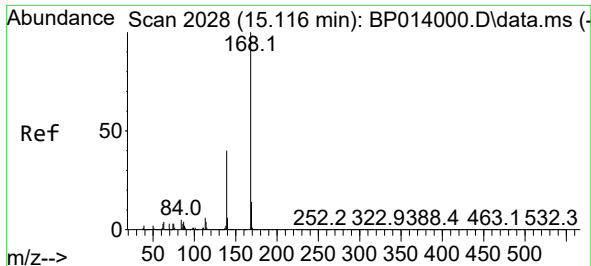
Ion Ratio Lower Upper

153 100

152 46.6 37.7 56.5

154 84.7 70.4 105.6

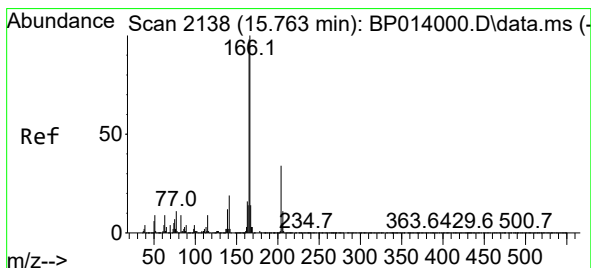
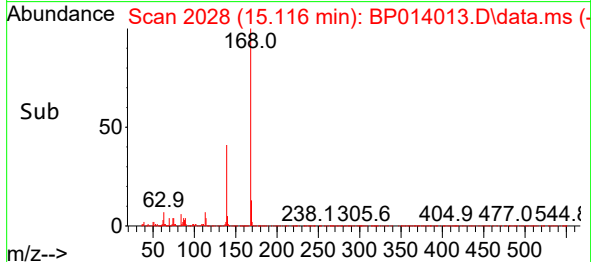
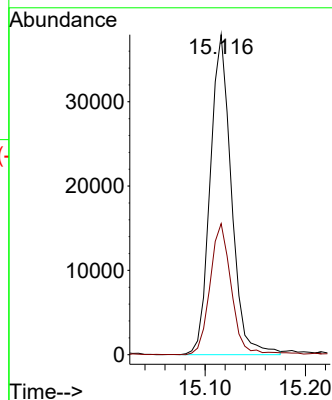
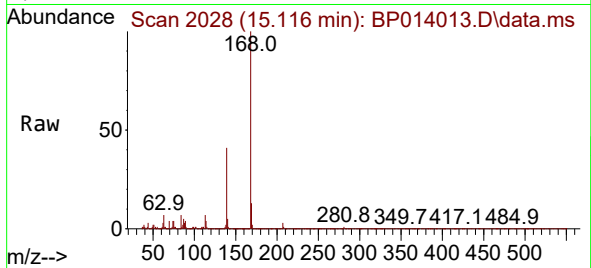




#56
Dibenzenofuran
Concen: 1.854 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

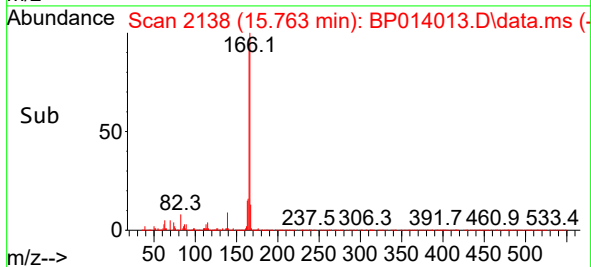
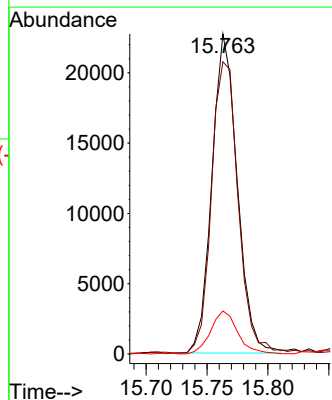
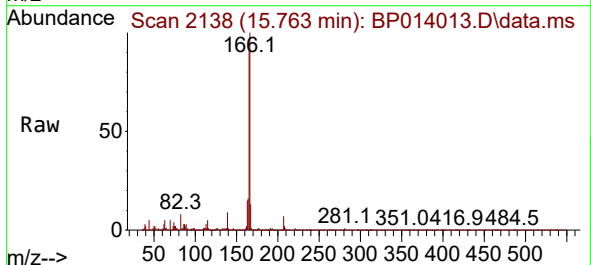
Instrument :
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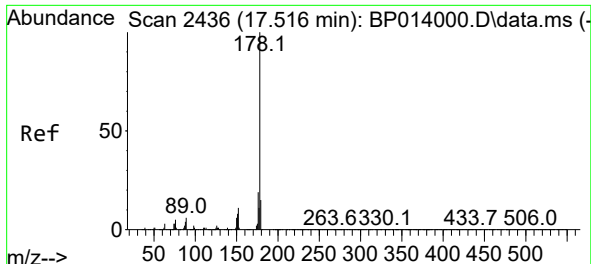
Tgt Ion:168 Resp: 55602
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6



#61
Fluorene
Concen: 1.323 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Tgt Ion:166 Resp: 32887
Ion Ratio Lower Upper
166 100
165 91.3 78.9 118.3
167 13.4 11.0 16.6

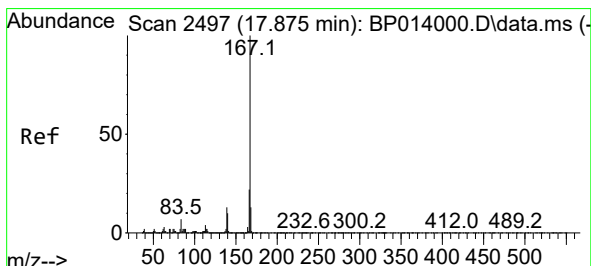
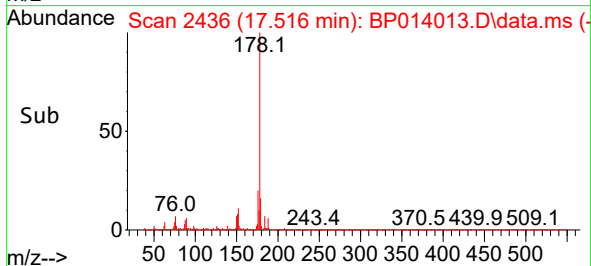
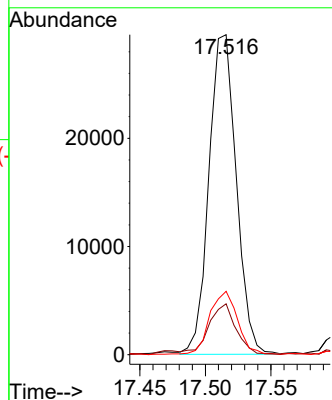
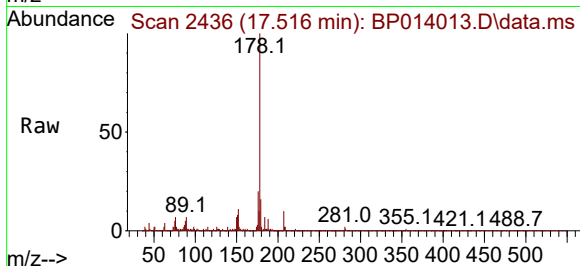




#72
Phenanthrene
Concen: 1.009 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Instrument :
BNA_P
ClientSampleId :
DCAC1DL2

Tgt Ion:178 Resp: 42907
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.8 15.4 23.0



#77
Carbazole
Concen: 3.367 ng/ul
RT: 17.875 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Tgt Ion:167 Resp: 128015
Ion Ratio Lower Upper
167 100
166 21.1 17.5 26.3
139 13.1 10.5 15.7

