

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014768.D
 Acq On : 20 Apr 2023 21:52
 Operator : CG/JU
 Sample : 02296-08DL2 100X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL0DL2

Quant Time: Apr 20 23:38:00 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

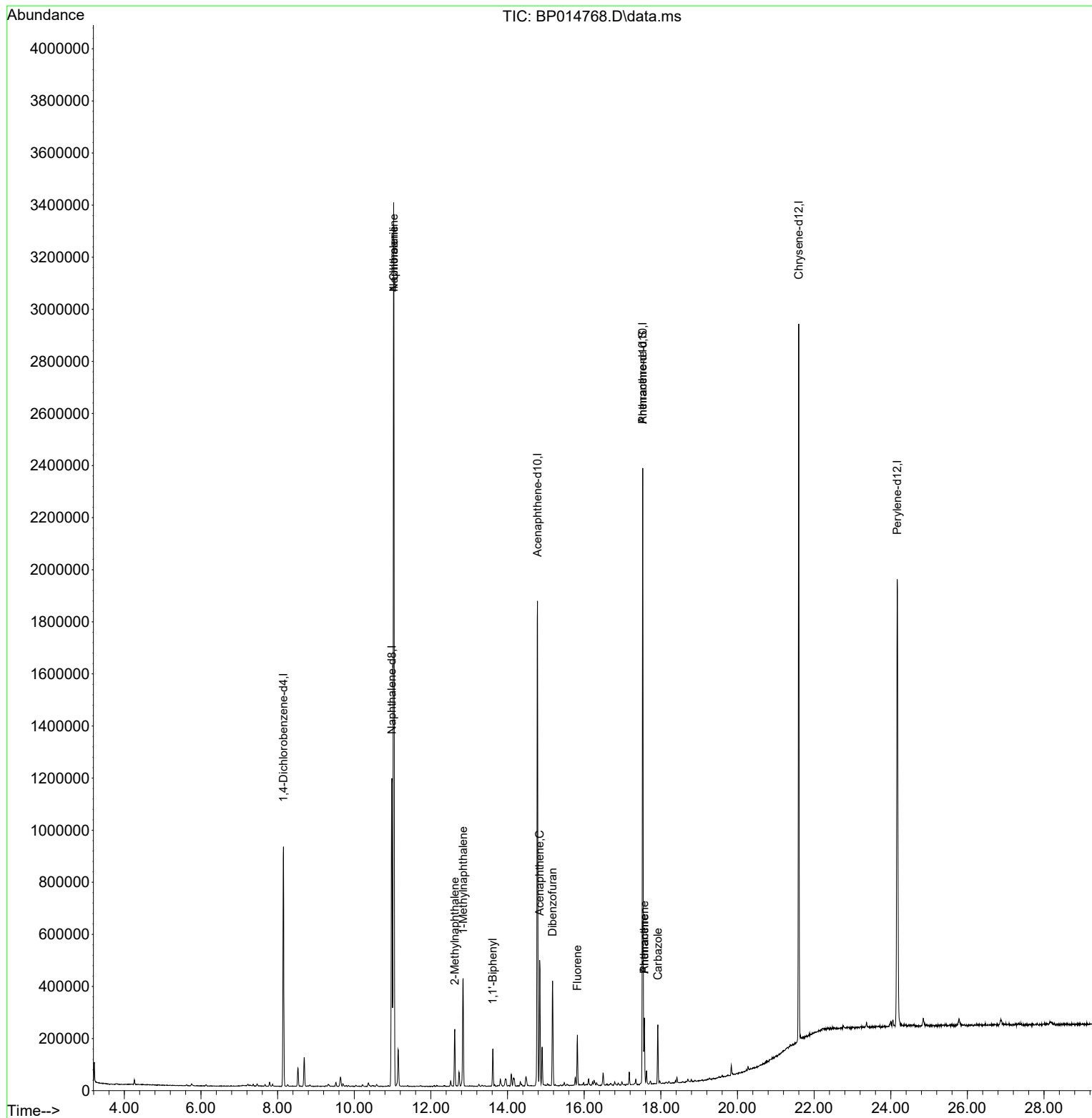
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	246014	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	999725	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	604561	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1314977	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1234628	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	1370557	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.493	96	70	0.011	ng/uL	0.00
4) Pyridine-d5	3.917	84	278	0.016	ng/u1	0.00
7) Phenol-d5	7.281	99	634	0.030	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	4187	0.319	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	2590	0.164	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	1905	0.115	ng/u1	0.00
21) Nitrobenzene-d5	9.311	128	1758	0.281	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.046	143	1359	0.240	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	2673	0.174	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	4100	0.175	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	14046	0.293	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	12702	0.229	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	234	0.031	ng/u1	-0.01
60) Fluorene-d10	15.769	176	12150	0.296	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	591	0.111	ng/u1	-0.02
73) Anthracene-d10	17.528	188	1314977	20.700	ng/u1	-0.11
81) Pyrene-d10	19.839	212	19467	0.275	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	15688	0.221	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.028	128	2783303	49.676	ng/u1	99
32) 4-Chloroaniline	11.028	127	368363	15.507	ng/u1#	11
36) 2-Methylnaphthalene	12.622	142	96583	2.582	ng/u1	99
37) 1-Methylnaphthalene	12.840	142	187074	5.045	ng/u1	97
43) 1,1'-Biphenyl	13.616	154	70890	1.446	ng/u1	99
52) Acenaphthene	14.840	153	186446	4.548	ng/u1	97
56) Dibenzofuran	15.175	168	228893	3.967	ng/u1	97
61) Fluorene	15.822	166	82431	1.750	ng/u1	99
72) Phenanthrene	17.569	178	140861	1.901	ng/u1	99
74) Anthracene	17.569	178	140861	1.875	ng/u1	98
77) Carbazole	17.922	167	135285	2.051	ng/u1	99

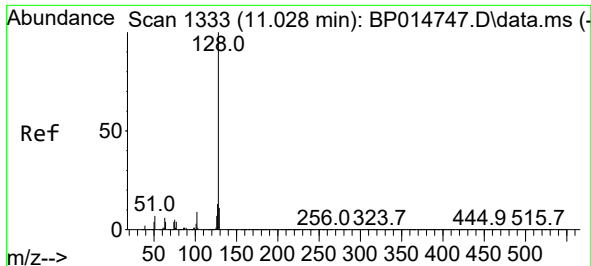
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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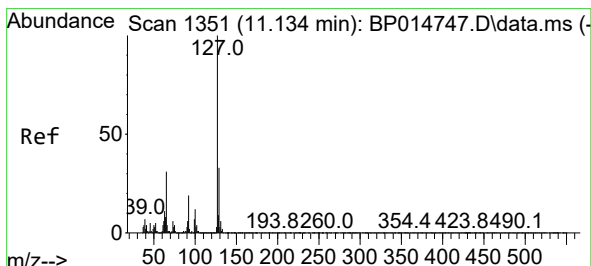
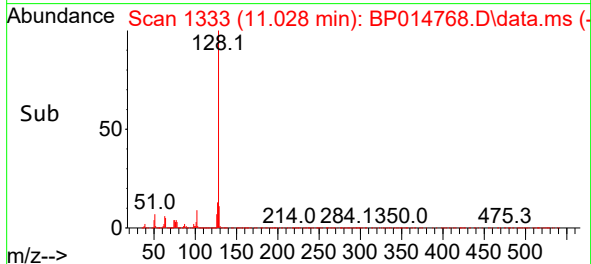
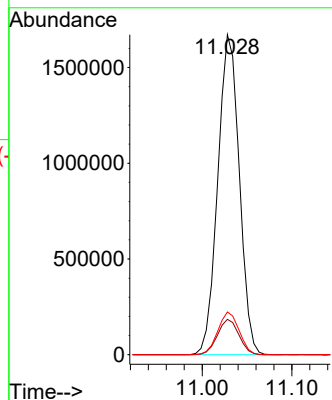
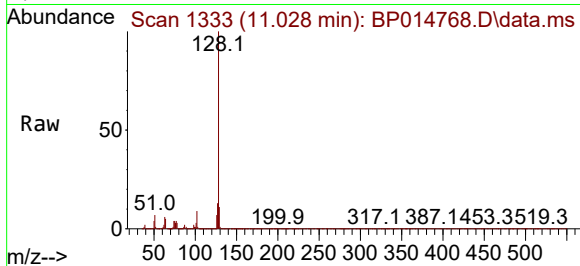




#30
Naphthalene
Concen: 49.676 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

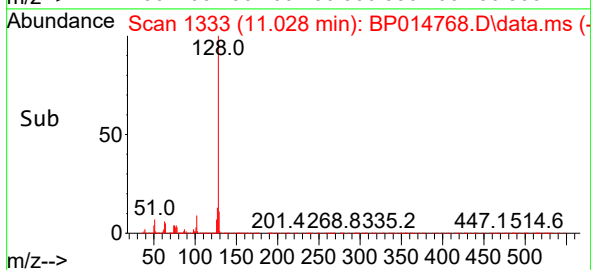
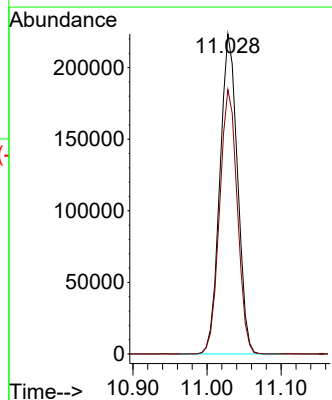
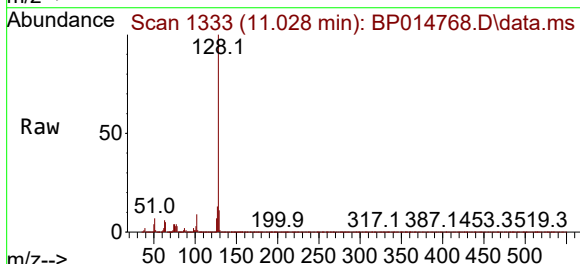
Instrument :
BNA_P
ClientSampleId :
DCBL0DL2

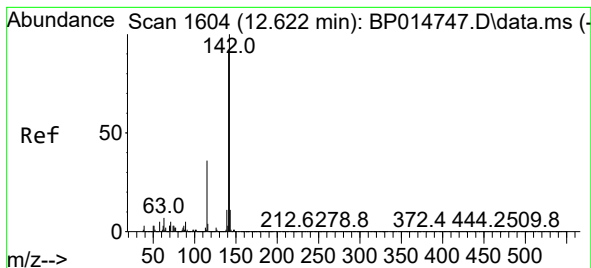
Tgt Ion:128 Resp: 2783303
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.4 15.6



#32
4-Chloroaniline
Concen: 15.507 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.106 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

Tgt Ion:127 Resp: 368363
Ion Ratio Lower Upper
127 100
129 82.6 26.0 39.0#

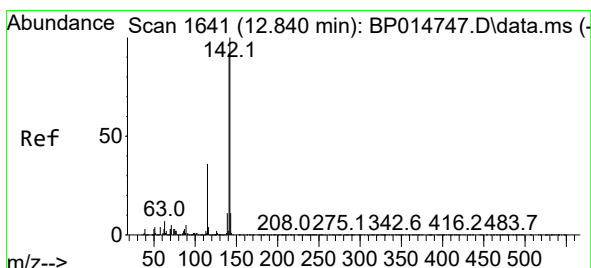
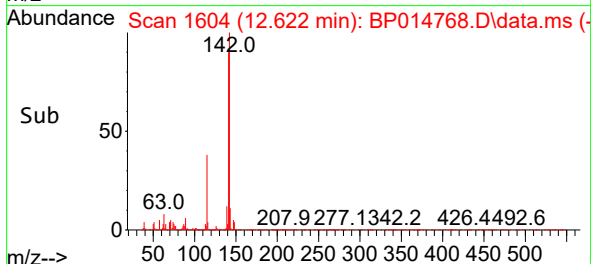
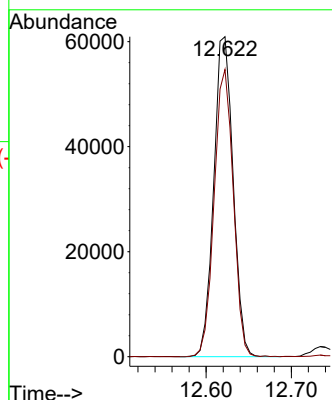
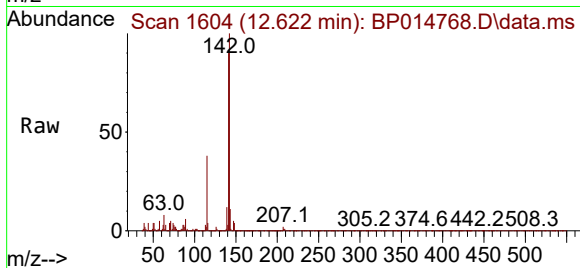




#36
2-Methylnaphthalene
Concen: 2.582 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

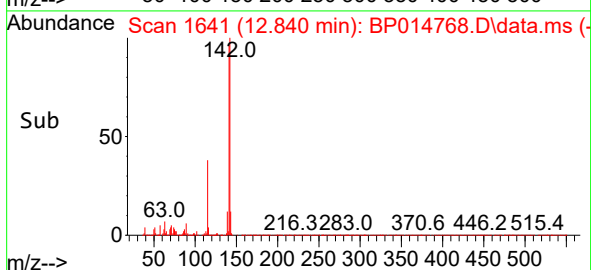
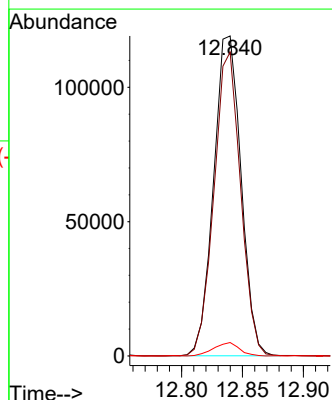
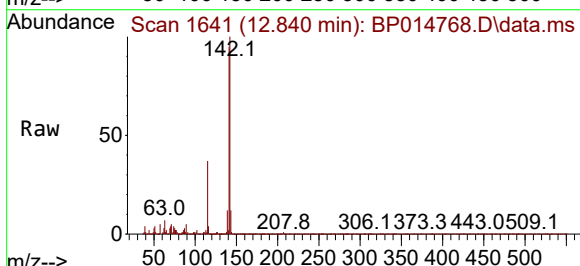
Instrument :
BNA_P
ClientSampleId :
DCBL0DL2

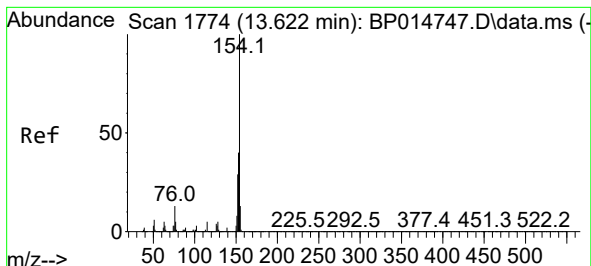
Tgt Ion:142 Resp: 96583
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#37
1-Methylnaphthalene
Concen: 5.045 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

Tgt Ion:142 Resp: 187074
Ion Ratio Lower Upper
142 100
141 94.9 73.8 110.6
116 4.2 3.3 4.9





#43

1,1'-Biphenyl

Concen: 1.446 ng/ul

RT: 13.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014768.D

Acq: 20 Apr 2023 21:52

Instrument :

BNA_P

ClientSampleId :

DCBL0DL2

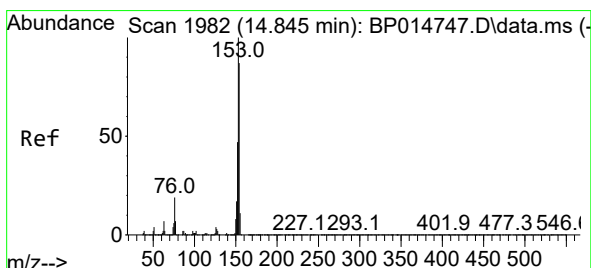
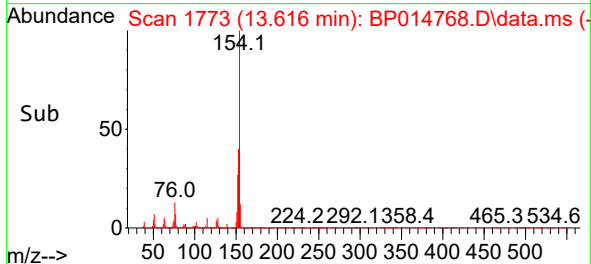
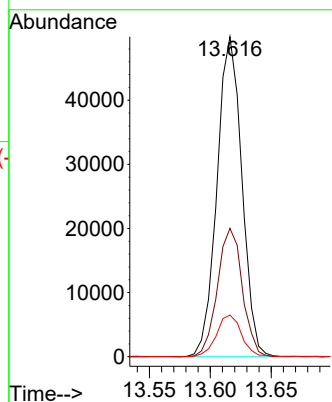
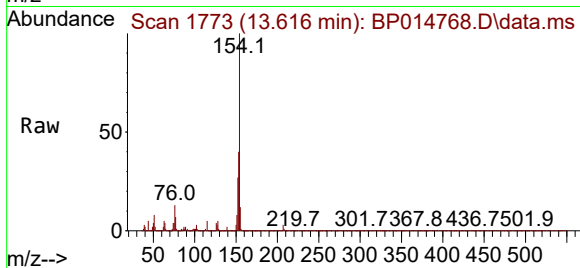
Tgt Ion:154 Resp: 70890

Ion Ratio Lower Upper

154 100

153 40.1 31.9 47.9

76 13.0 10.8 16.2



#52

Acenaphthene

Concen: 4.548 ng/ul

RT: 14.840 min Scan# 1981

Delta R.T. -0.006 min

Lab File: BP014768.D

Acq: 20 Apr 2023 21:52

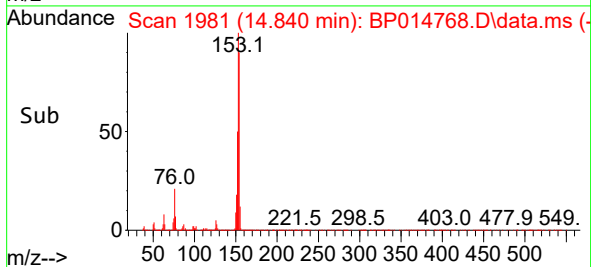
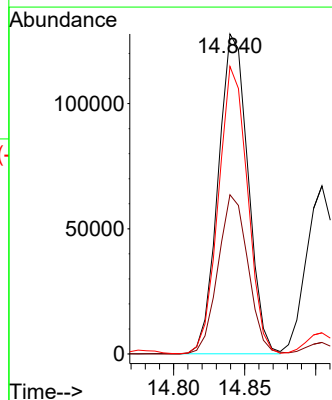
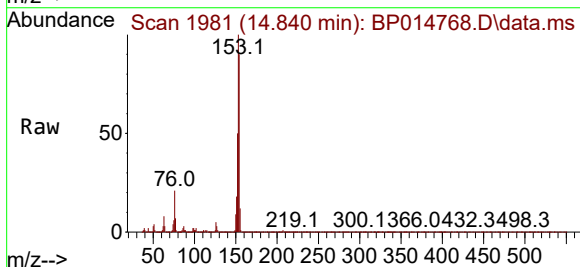
Tgt Ion:153 Resp: 186446

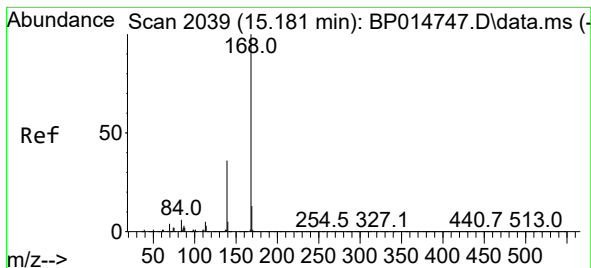
Ion Ratio Lower Upper

153 100

152 49.8 38.4 57.6

154 89.8 69.8 104.8

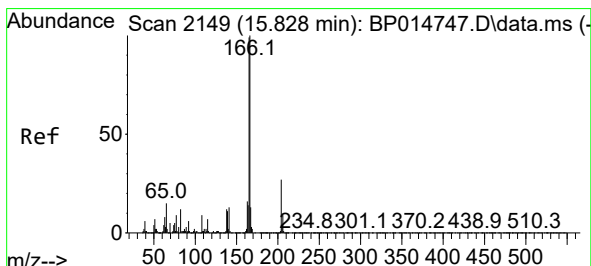
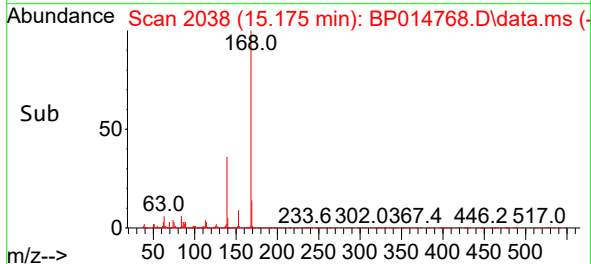
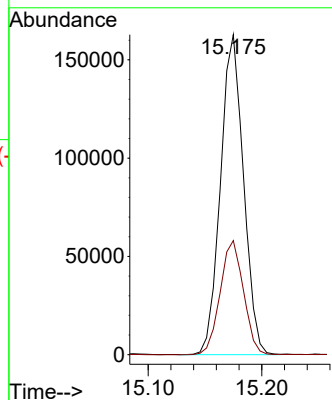
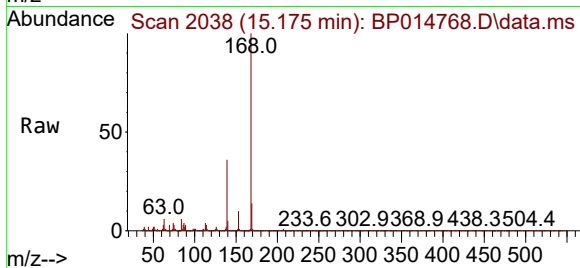




#56
Dibenzenofuran
Concen: 3.967 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

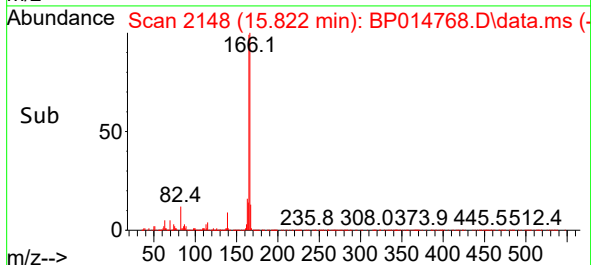
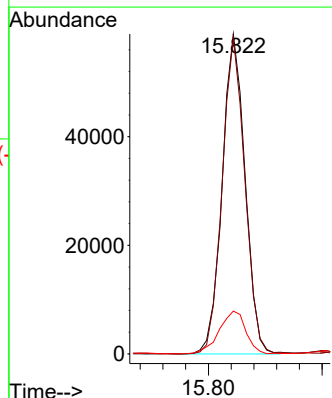
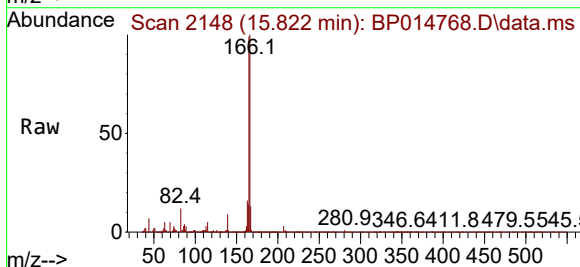
Instrument :
BNA_P
ClientSampleId :
DCBL0DL2

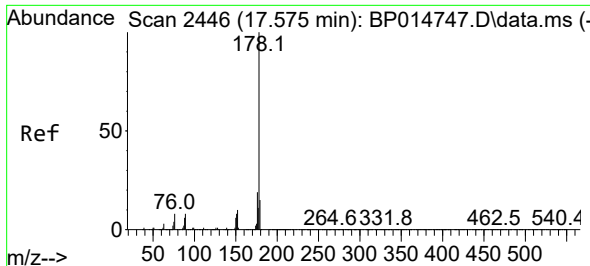
Tgt Ion:168 Resp: 228893
Ion Ratio Lower Upper
168 100
139 35.7 29.8 44.8



#61
Fluorene
Concen: 1.750 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

Tgt Ion:166 Resp: 82431
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.4 10.5 15.7

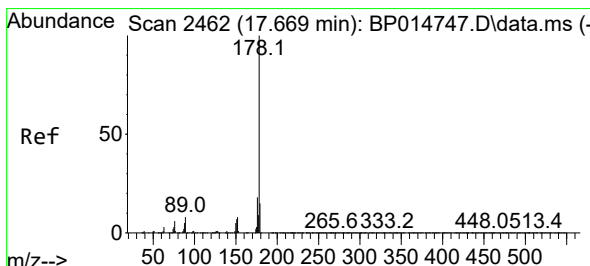
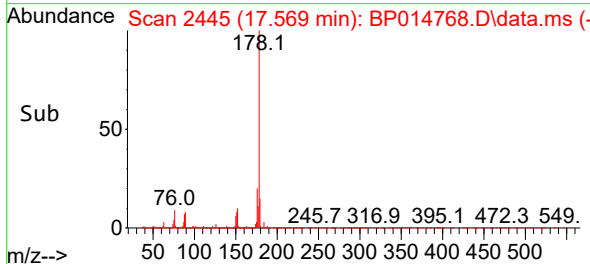
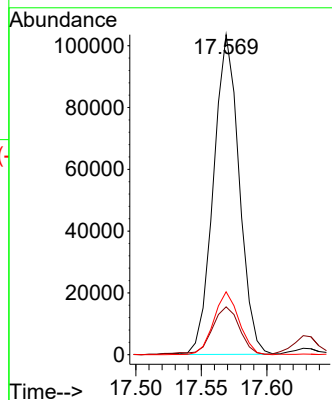
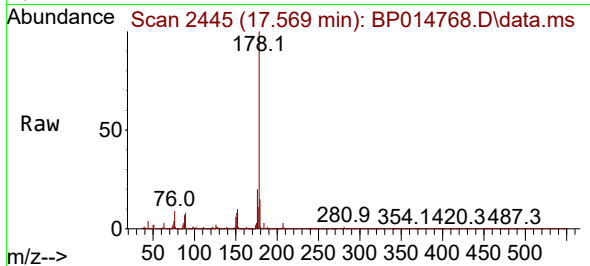




#72
Phenanthrene
Concen: 1.901 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

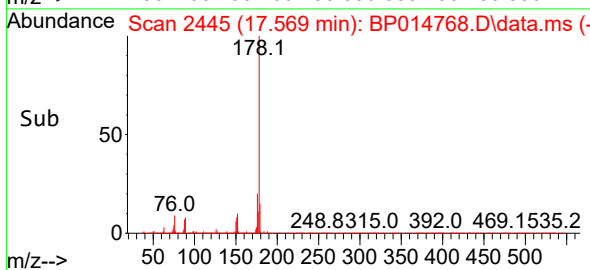
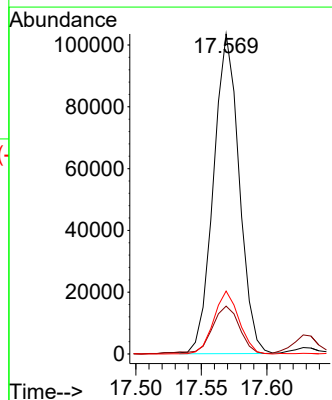
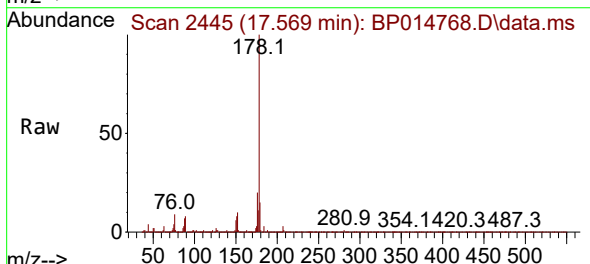
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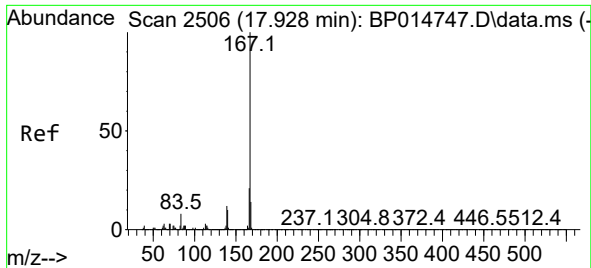
Tgt Ion:178 Resp: 140861
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 19.7 15.3 22.9



#74
Anthracene
Concen: 1.875 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.100 min
Lab File: BP014768.D
Acq: 20 Apr 2023 21:52

Tgt Ion:178 Resp: 140861
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.7 15.1 22.7





#77
 Carbazole
 Concen: 2.051 ng/ul
 RT: 17.922 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014768.D
 Acq: 20 Apr 2023 21:52

Instrument :
 BNA_P
 ClientSampleId :
 DCBL0DL2

Tgt Ion:167 Resp: 135285
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 12.3 10.2 15.2

