

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014766.D
 Acq On : 20 Apr 2023 20:45
 Operator : CG/JU
 Sample : 02296-05DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBK4DL

Quant Time: Apr 20 23:37:31 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

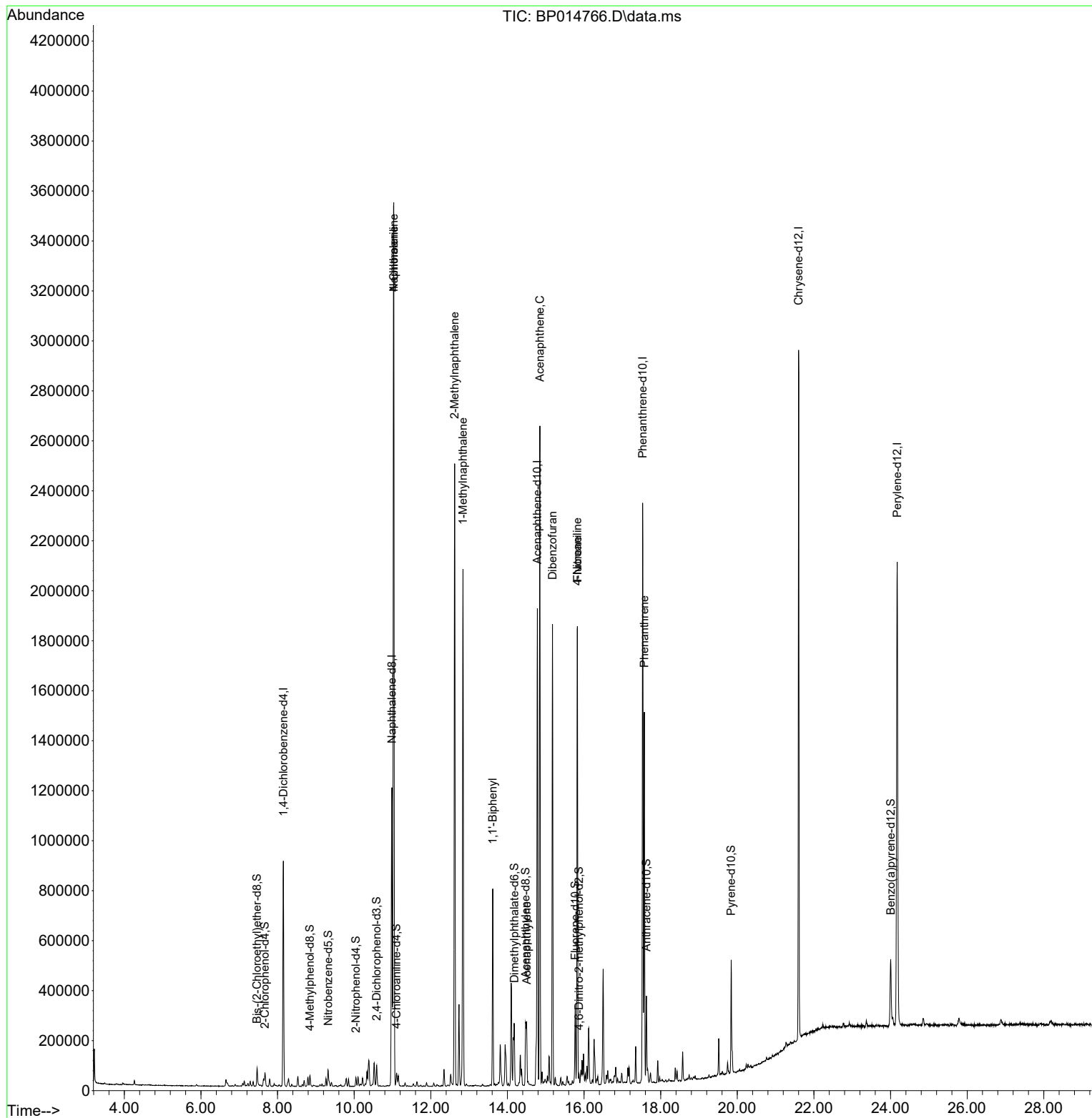
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	238741	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	987724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.780	164	620661	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.527	188	1379242	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1351500	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1524181	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	2907	0.484	ng/uL	0.00
4) Pyridine-d5	3.905	84	841	0.051	ng/ul	-0.01
7) Phenol-d5	7.281	99	8144	0.395	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	30525	2.397	ng/ul	0.00
11) 2-Chlorophenol-d4	7.669	132	23810	1.553	ng/ul	0.00
15) 4-Methylphenol-d8	8.845	113	16095	1.000	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	14146	2.286	ng/ul	0.00
24) 2-Nitrophenol-d4	10.045	143	10714	1.917	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	28654	1.888	ng/ul	0.00
31) 4-Chloroaniline-d4	11.104	131	29280	1.264	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	137984	2.808	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	135527	2.380	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	2099	0.269	ng/ul	-0.01
60) Fluorene-d10	15.769	176	117899	2.796	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	7150	1.281	ng/ul	-0.01
73) Anthracene-d10	17.627	188	186249	2.795	ng/ul	0.00
81) Pyrene-d10	19.839	212	222757	2.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	207696	2.629	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.034	128	2968033	53.617	ng/ul	100
32) 4-Chloroaniline	11.034	127	387100	16.494	ng/ul#	7
36) 2-Methylnaphthalene	12.622	142	1138606	30.810	ng/ul	99
37) 1-Methylnaphthalene	12.839	142	904146	24.679	ng/ul	98
43) 1,1'-Biphenyl	13.616	154	390647	7.762	ng/ul	99
50) Acenaphthylene	14.504	152	109598	1.776	ng/ul#	95
52) Acenaphthene	14.845	153	1025168	24.359	ng/ul	99
56) Dibenzofuran	15.175	168	1109342	18.728	ng/ul	99
61) Fluorene	15.828	166	820616	16.972	ng/ul	99
63) 4-Nitroaniline	15.822	138	9352	1.218	ng/ul#	21
72) Phenanthrene	17.574	178	890946	11.462	ng/ul	100

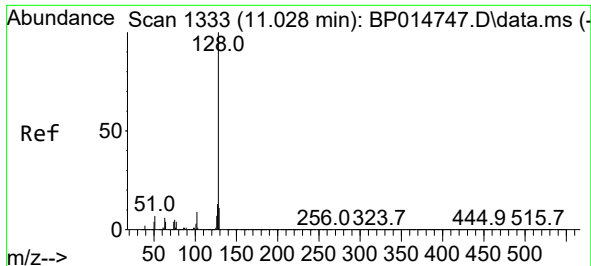
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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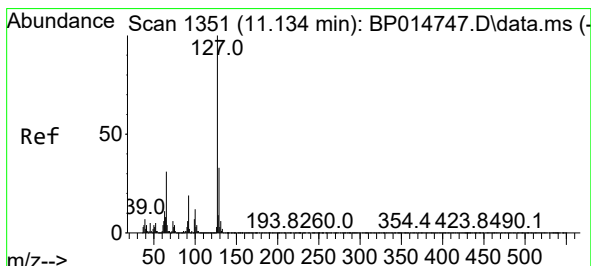
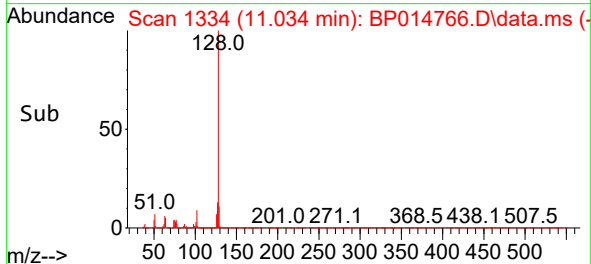
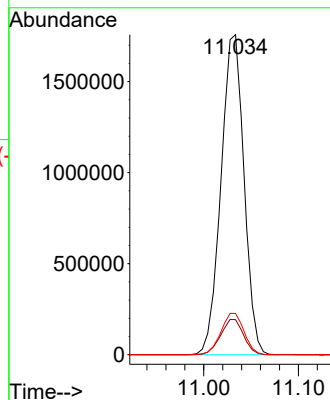
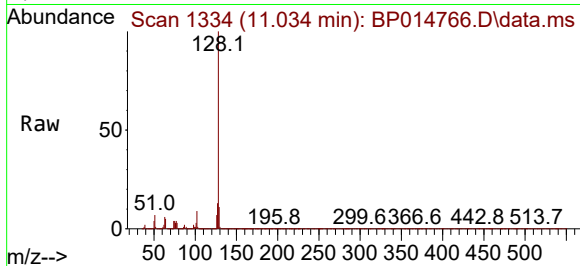




#30
Naphthalene
Concen: 53.617 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

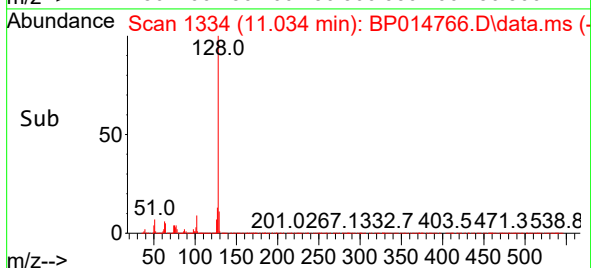
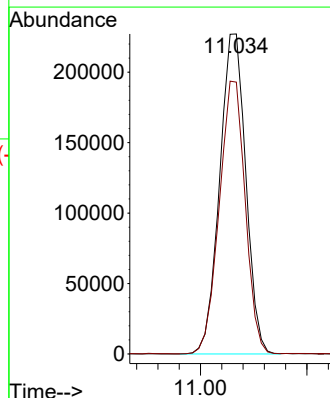
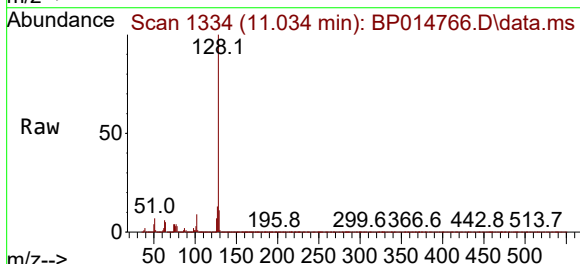
Instrument :
BNA_P
ClientSampleId :
DCBK4DL

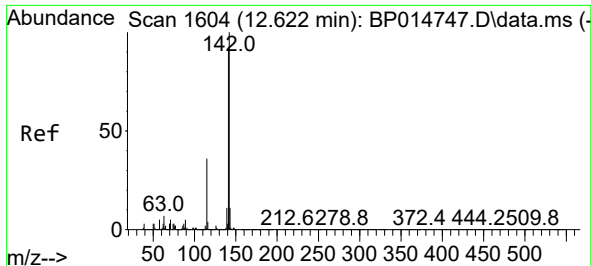
Tgt Ion:128 Resp: 2968033
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 16.494 ng/ul
RT: 11.034 min Scan# 1334
Delta R.T. -0.100 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

Tgt Ion:127 Resp: 387100
Ion Ratio Lower Upper
127 100
129 85.0 26.0 39.0#

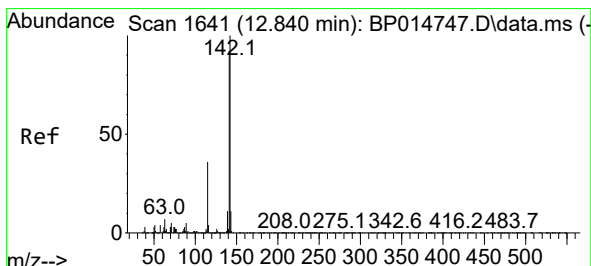
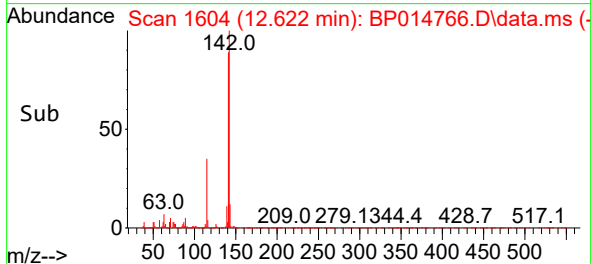
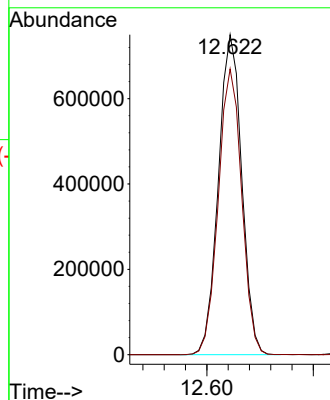
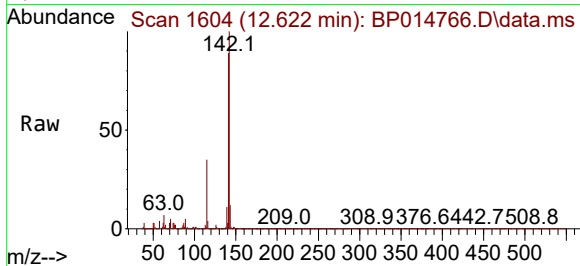




#36
2-Methylnaphthalene
Concen: 30.810 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

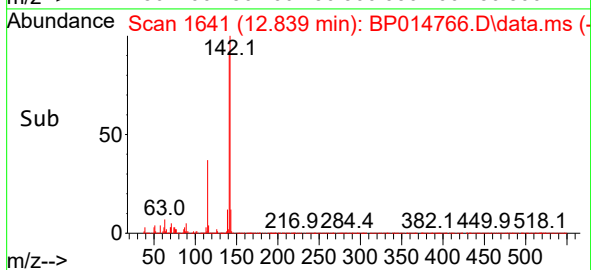
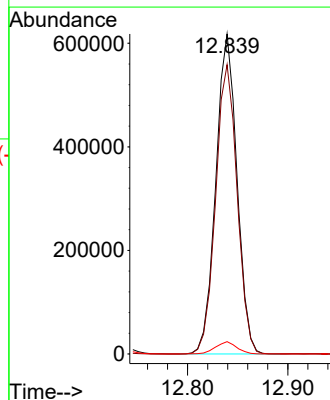
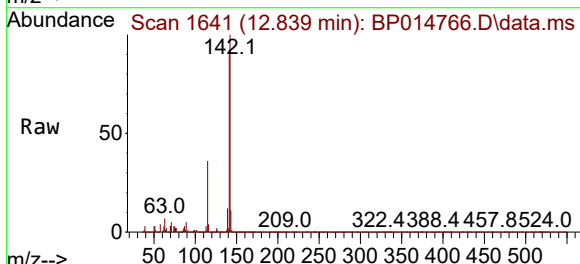
Instrument :
BNA_P
ClientSampleId :
DCBK4DL

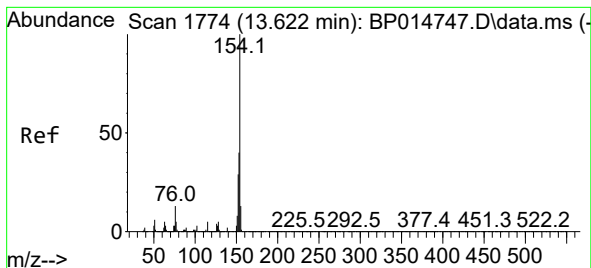
Tgt Ion:142 Resp: 1138606
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3



#37
1-Methylnaphthalene
Concen: 24.679 ng/ul
RT: 12.839 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

Tgt Ion:142 Resp: 904146
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.6
116 3.9 3.3 4.9





#43

1,1'-Biphenyl

Concen: 7.762 ng/ul

RT: 13.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014766.D

Acq: 20 Apr 2023 20:45

Instrument :

BNA_P

ClientSampleId :

DCBK4DL

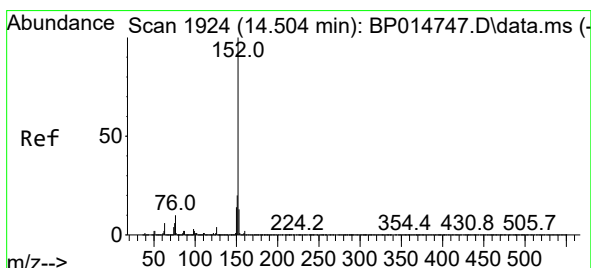
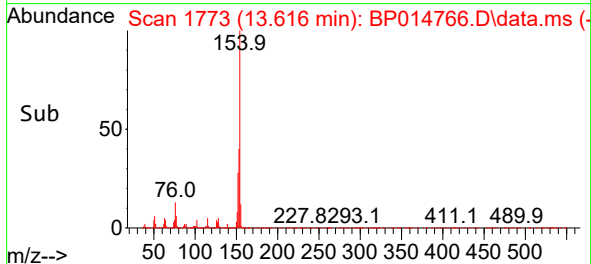
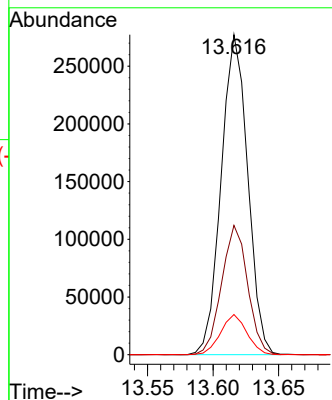
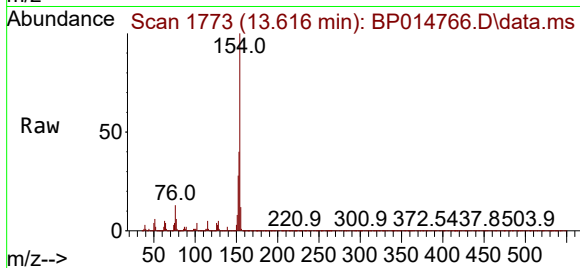
Tgt Ion:154 Resp: 390647

Ion Ratio Lower Upper

154 100

153 40.4 31.9 47.9

76 12.5 10.8 16.2



#50

Acenaphthylene

Concen: 1.776 ng/ul

RT: 14.504 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP014766.D

Acq: 20 Apr 2023 20:45

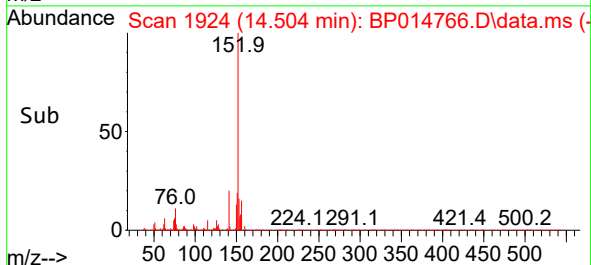
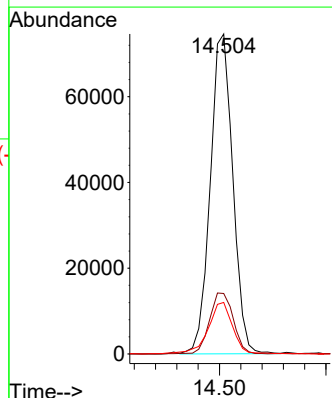
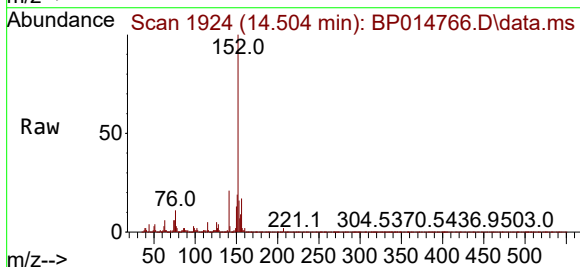
Tgt Ion:152 Resp: 109598

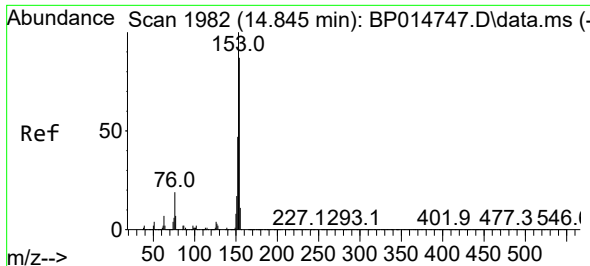
Ion Ratio Lower Upper

152 100

151 18.9 15.7 23.5

153 16.1 10.0 15.0#

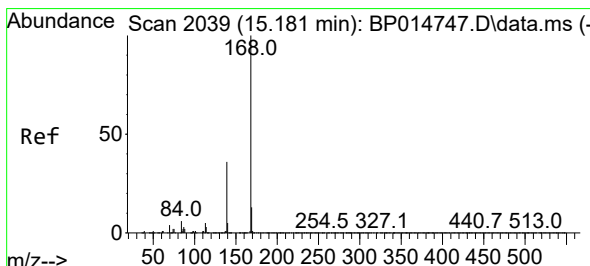
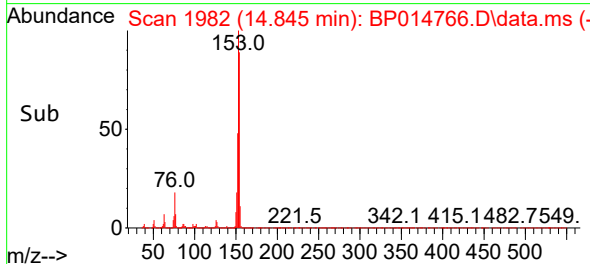
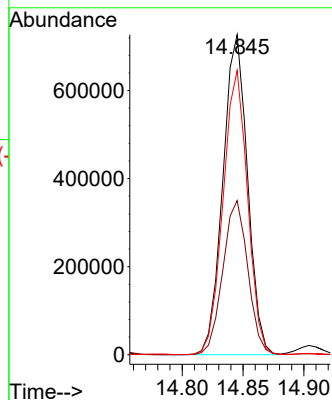
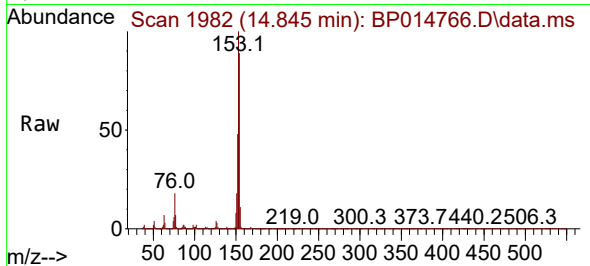




#52
Acenaphthene
Concen: 24.359 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

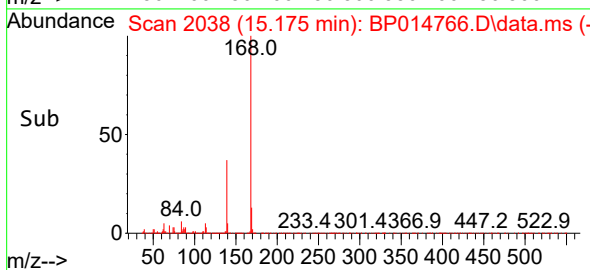
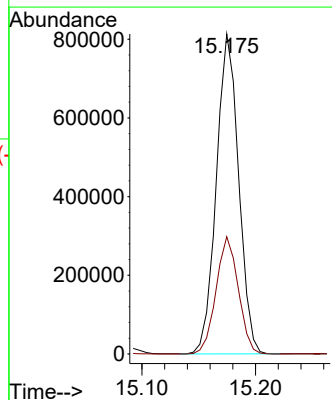
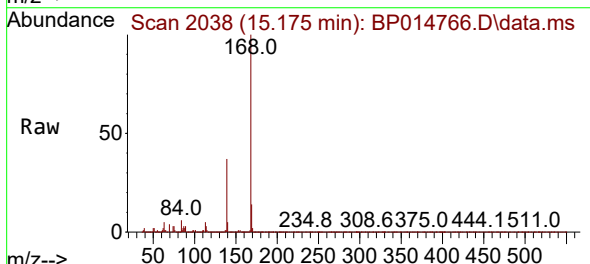
Instrument :
BNA_P
ClientSampleId :
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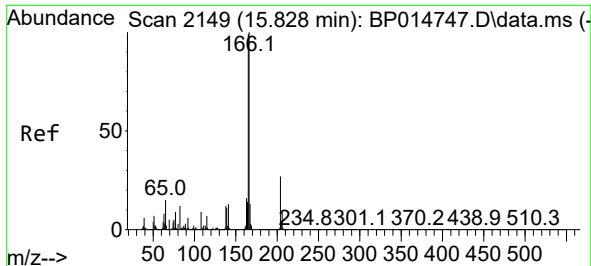
Tgt Ion:153 Resp: 1025168
Ion Ratio Lower Upper
153 100
152 48.1 38.4 57.6
154 88.8 69.8 104.8



#56
Dibenzofuran
Concen: 18.728 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

Tgt Ion:168 Resp: 1109342
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.8

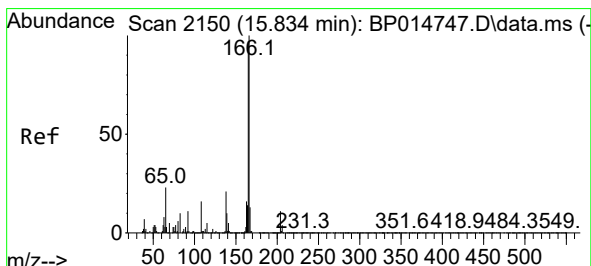
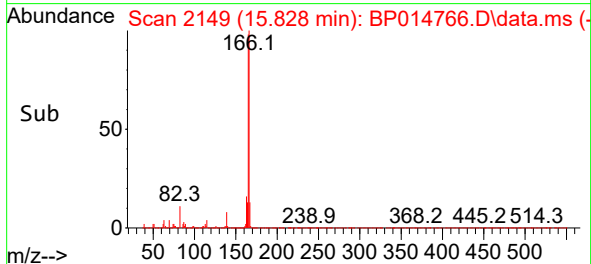
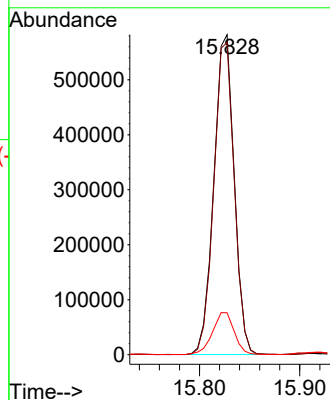
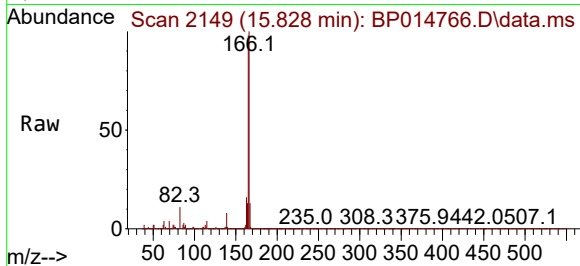




#61
Fluorene
Concen: 16.972 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

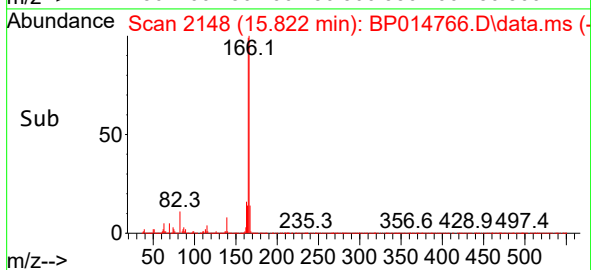
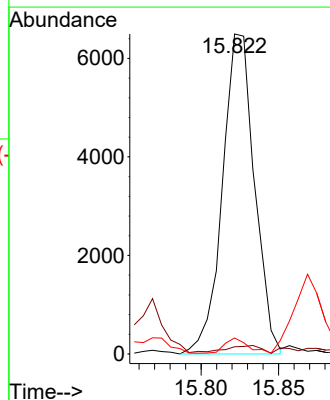
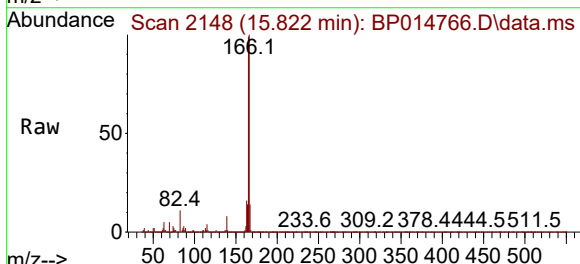
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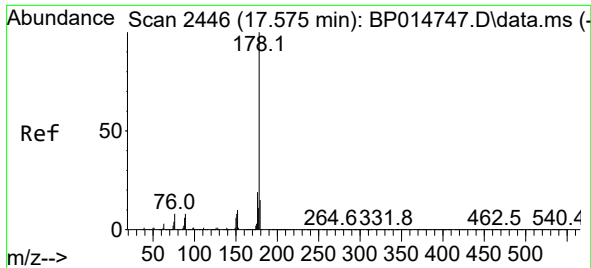
Tgt Ion:166 Resp: 820616
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.1 10.5 15.7



#63
4-Nitroaniline
Concen: 1.218 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BP014766.D
Acq: 20 Apr 2023 20:45

Tgt Ion:138 Resp: 9352
Ion Ratio Lower Upper
138 100
92 2.2 40.9 61.3#
108 5.0 63.8 95.6#





#72
 Phenanthrene
 Concen: 11.462 ng/ul
 RT: 17.574 min Scan# 2446
 Delta R.T. -0.000 min
 Lab File: BP014766.D
 Acq: 20 Apr 2023 20:45

Instrument :
 BNA_P
 ClientSampleId :
 DCBK4DL

Tgt Ion:178 Resp: 890946
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.1 18.1
 176 19.3 15.3 22.9

