

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014758.D
 Acq On : 20 Apr 2023 16:17
 Operator : CG/JU
 Sample : 02296-09DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 20 22:40:21 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

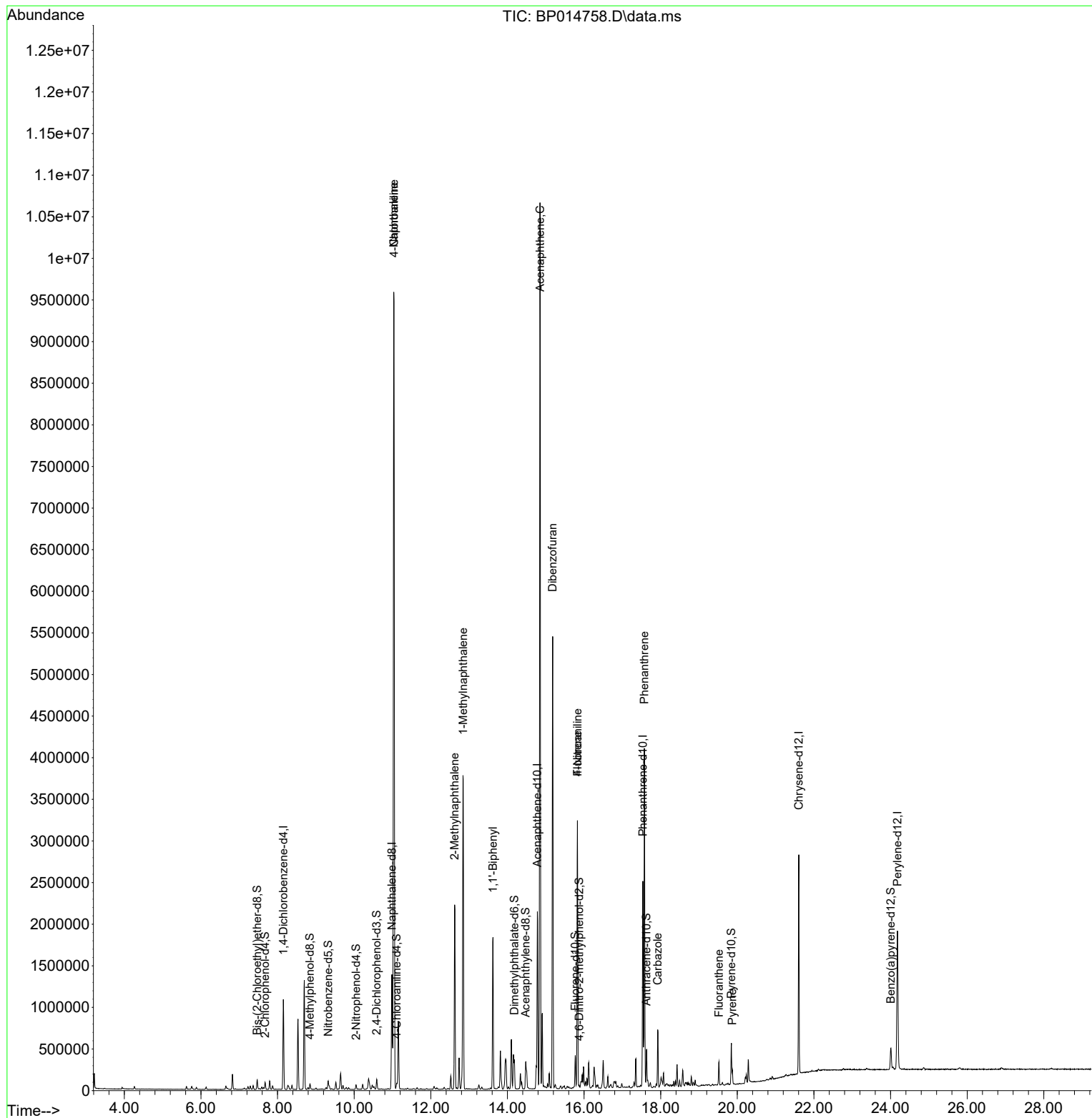
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	288059	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	1193450	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	716826	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1457204	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1197820	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1327921	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	2918	0.403	ng/uL	0.00
4) Pyridine-d5	3.940	84	11864	0.601	ng/ul	0.02
7) Phenol-d5	7.287	99	12919	0.519	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	48628	3.165	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	37989	2.054	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	25024	1.289	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	22114	2.957	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	16725	2.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	42334	2.308	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	40922	1.462	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	180455	3.179	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	189231	2.877	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	2742	0.304	ng/ul	0.00
60) Fluorene-d10	15.769	176	151424	3.109	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	7742	1.313	ng/ul	0.00
73) Anthracene-d10	17.628	188	226780	3.221	ng/ul	0.00
81) Pyrene-d10	19.845	212	246577	3.594	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	206414	2.999	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.034	128	8622968	128.920	ng/ul	99
32) 4-Chloroaniline	11.040	127	1139870	40.196	ng/ul#	9
36) 2-Methylnaphthalene	12.622	142	1026029	22.978	ng/ul	99
37) 1-Methylnaphthalene	12.845	142	1759549	39.748	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	946301	16.280	ng/ul	98
52) Acenaphthene	14.851	153	4455276	91.659	ng/ul	99
56) Dibenzofuran	15.181	168	3409396	49.837	ng/ul	97
61) Fluorene	15.828	166	1392452	24.935	ng/ul	100
63) 4-Nitroaniline	15.828	138	15326	1.729	ng/ul#	20
72) Phenanthrene	17.575	178	2273693	27.685	ng/ul	99
77) Carbazole	17.922	167	412787	5.648	ng/ul	98
80) Fluoranthene	19.522	202	162098	2.030	ng/ul	99
82) Pyrene	19.869	202	86541	1.024	ng/ul	98

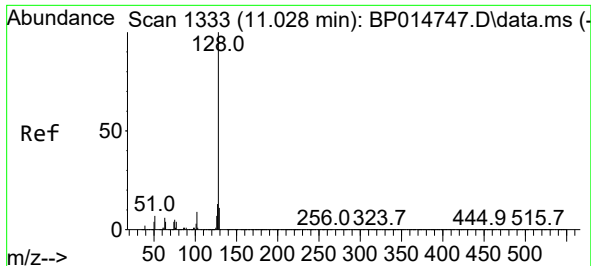
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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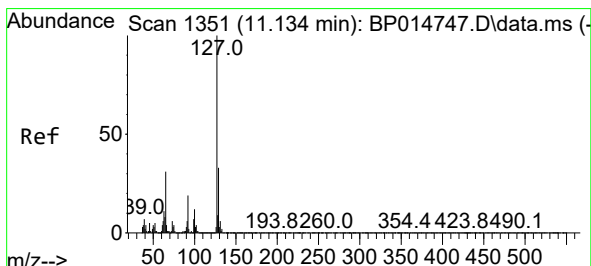
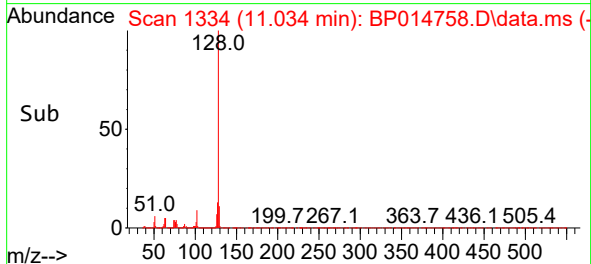
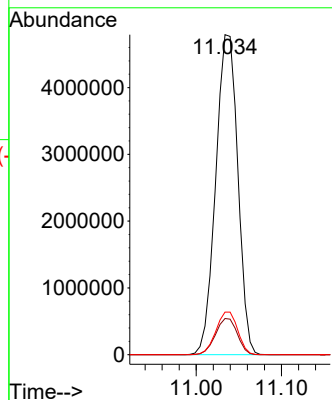
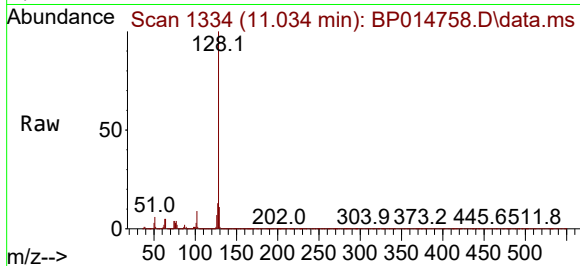




#30
Naphthalene
Concen: 128.920 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

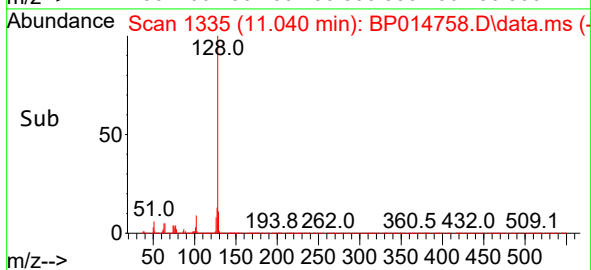
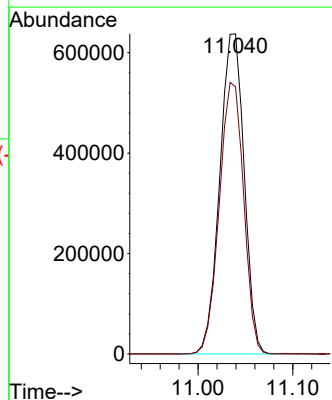
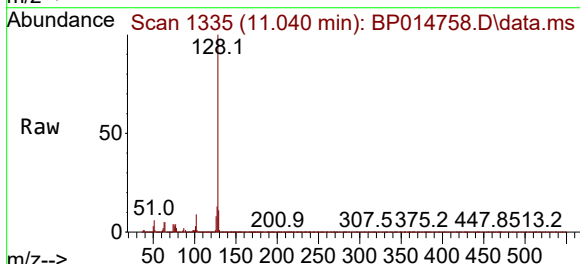
Instrument :
BNA_P
ClientSampleId :

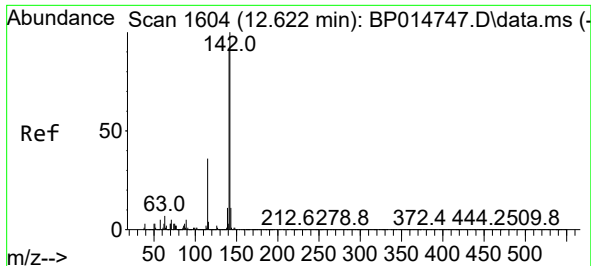
Tgt Ion:128 Resp: 8622968
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 40.196 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. -0.094 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

Tgt Ion:127 Resp: 1139870
Ion Ratio Lower Upper
127 100
129 83.5 26.0 39.0#

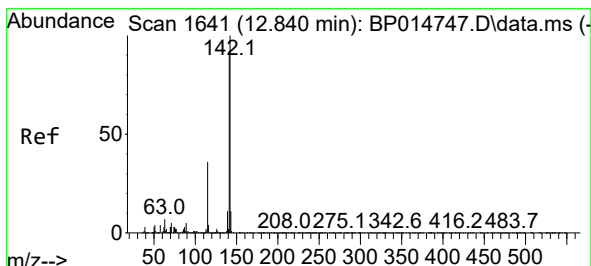
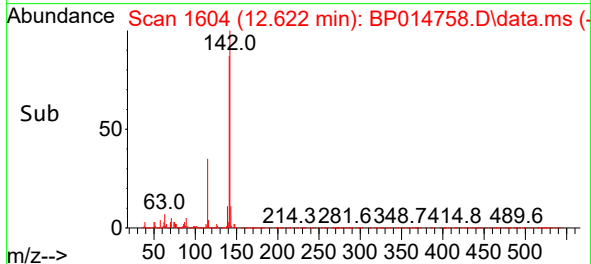
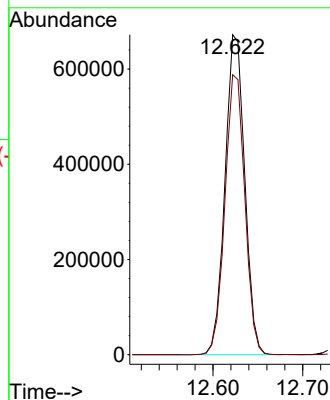
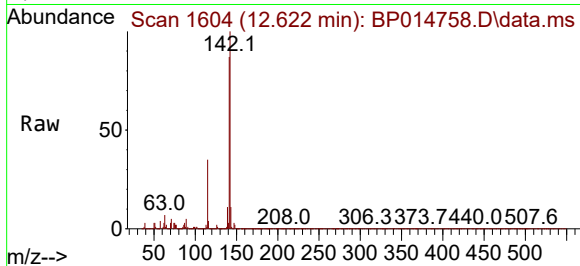




#36
2-Methylnaphthalene
Concen: 22.978 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

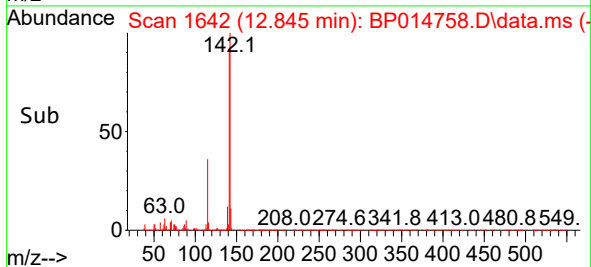
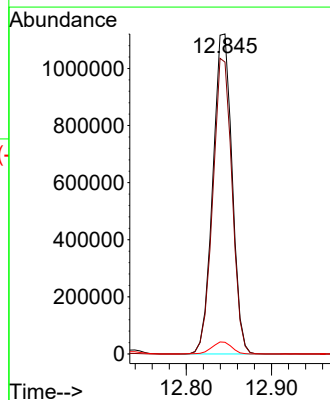
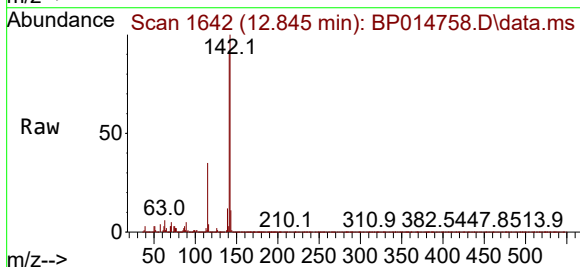
Instrument :
BNA_P
ClientSampleId :

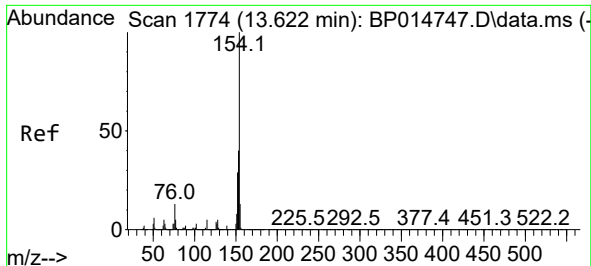
Tgt Ion:142 Resp: 1026029
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#37
1-Methylnaphthalene
Concen: 39.748 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. 0.006 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

Tgt Ion:142 Resp: 1759549
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 3.6 3.3 4.9

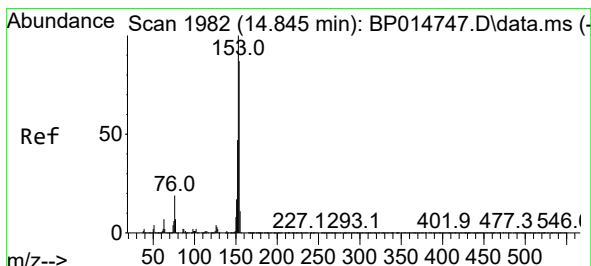
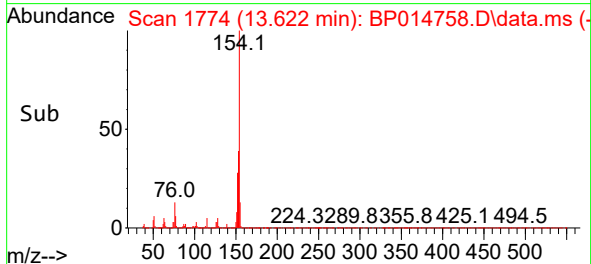
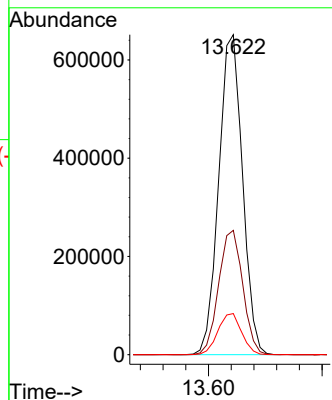
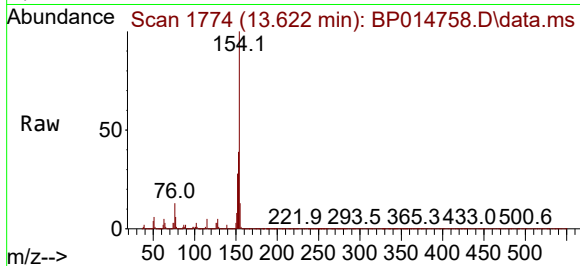




#43
1,1'-Biphenyl
Concen: 16.280 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

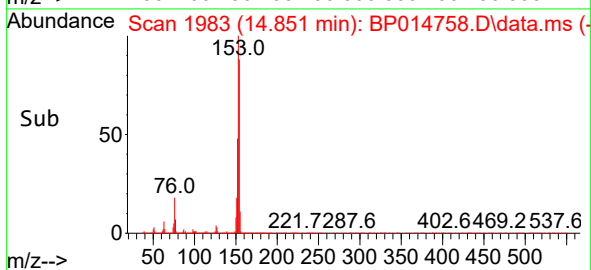
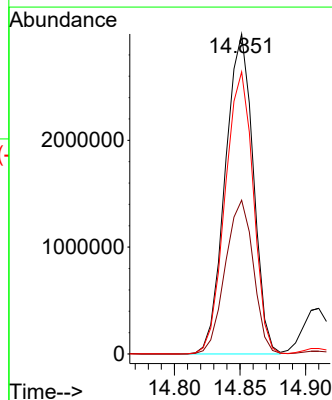
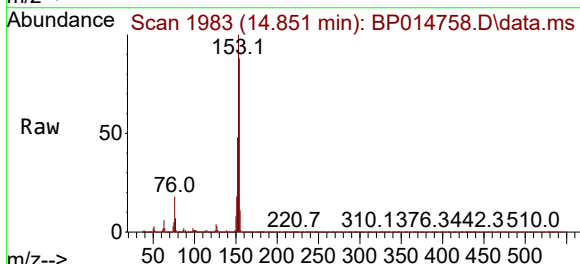
Instrument :
BNA_P
ClientSampleId :

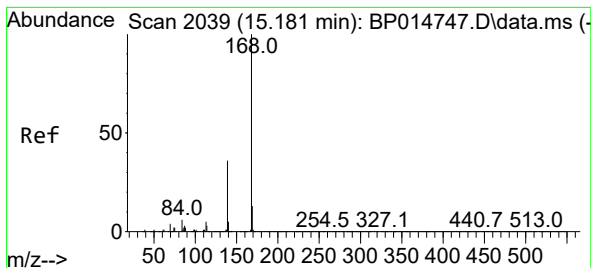
Tgt Ion:154 Resp: 946301
Ion Ratio Lower Upper
154 100
153 38.9 31.9 47.9
76 12.9 10.8 16.2



#52
Acenaphthene
Concen: 91.659 ng/ul
RT: 14.851 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

Tgt Ion:153 Resp: 4455276
Ion Ratio Lower Upper
153 100
152 48.1 38.4 57.6
154 88.2 69.8 104.8

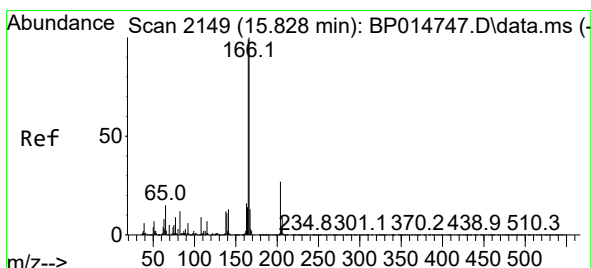
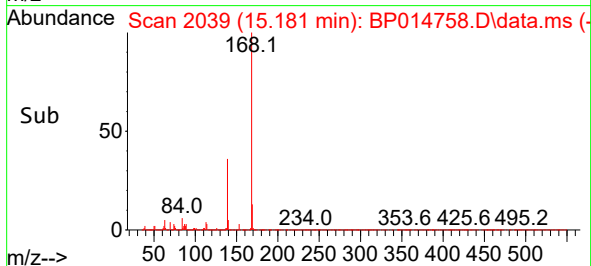
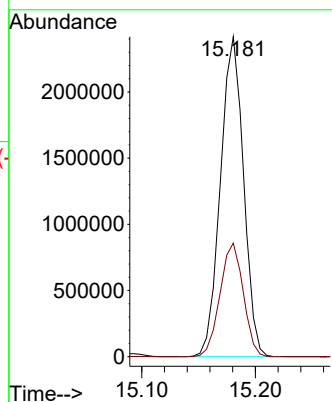
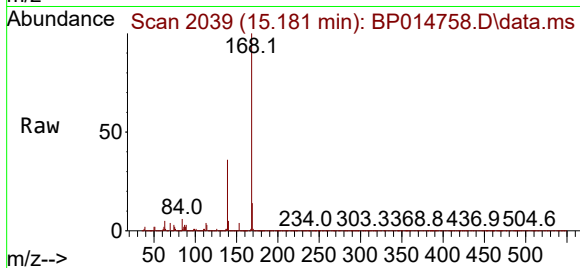




#56
Dibenzofuran
Concen: 49.837 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

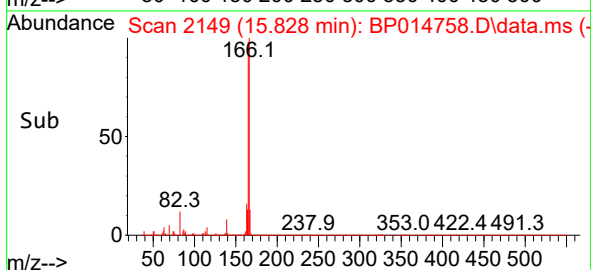
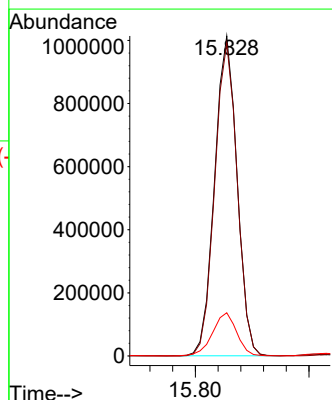
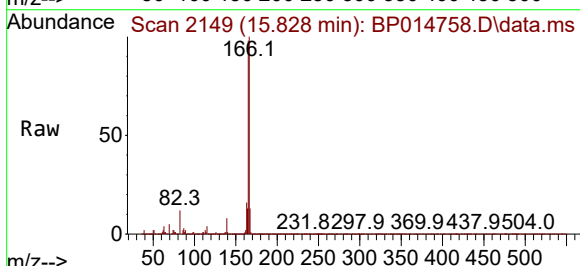
Instrument :
BNA_P
ClientSampleId :

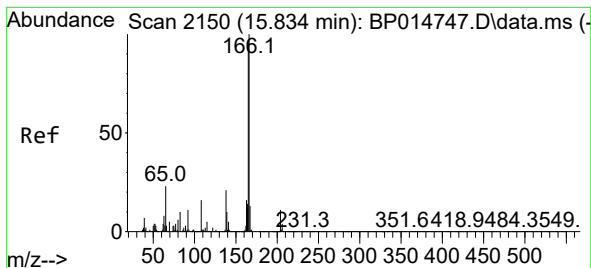
Tgt Ion:168 Resp: 3409396
Ion Ratio Lower Upper
168 100
139 35.5 29.8 44.8



#61
Fluorene
Concen: 24.935 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

Tgt Ion:166 Resp: 1392452
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 13.5 10.5 15.7





#63

4-Nitroaniline

Concen: 1.729 ng/ul

RT: 15.828 min Scan# 2150

Delta R.T. -0.006 min

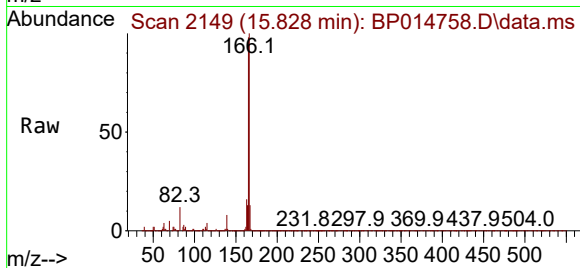
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Acq: 20 Apr 2023 16:17

Instrument :

BNA_P

ClientSampleId :



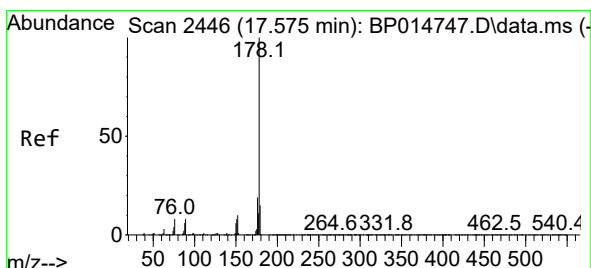
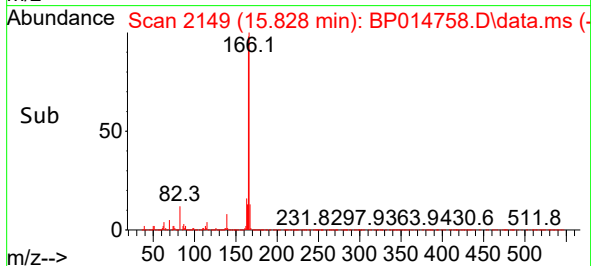
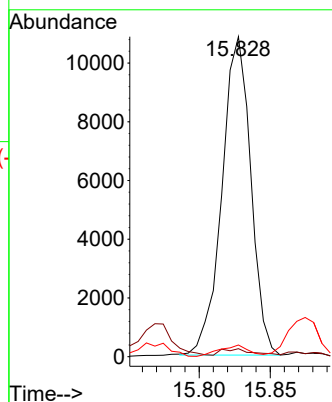
Tgt Ion:138 Resp: 15326

Ion Ratio Lower Upper

138 100

92 2.5 40.9 61.3#

108 3.7 63.8 95.6#



#72

Phenanthrene

Concen: 27.685 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014758.D

Acq: 20 Apr 2023 16:17

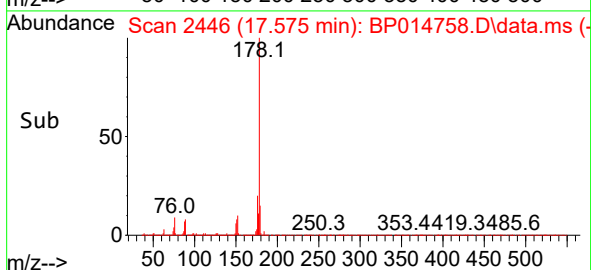
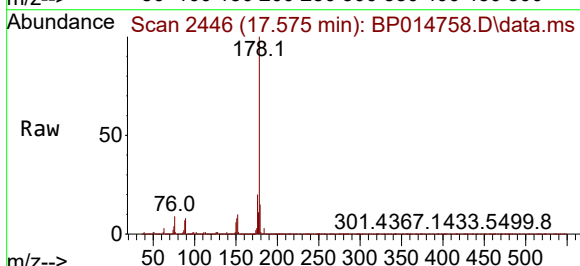
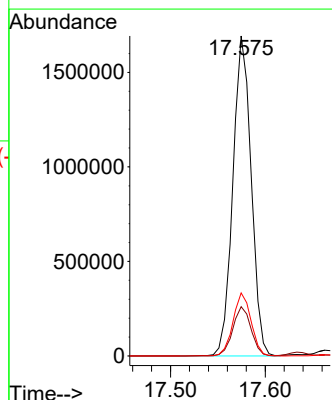
Tgt Ion:178 Resp: 2273693

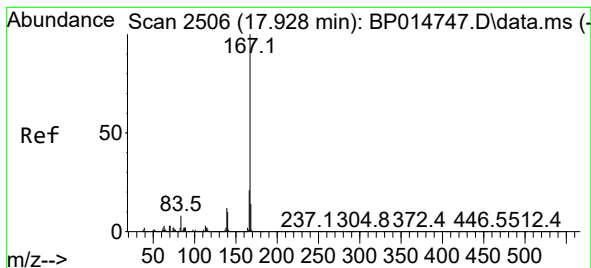
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 19.7 15.3 22.9





#77

Carbazole

Concen: 5.648 ng/ul

RT: 17.922 min Scan# 2506

Delta R.T. -0.006 min

Lab File: BP014758.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_P

ClientSampleId :

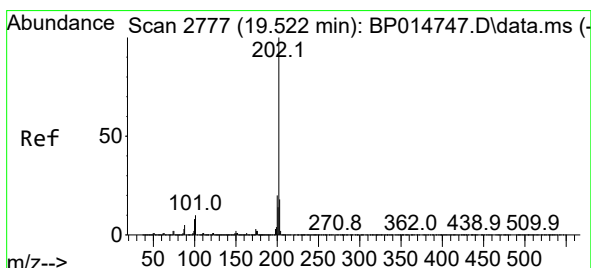
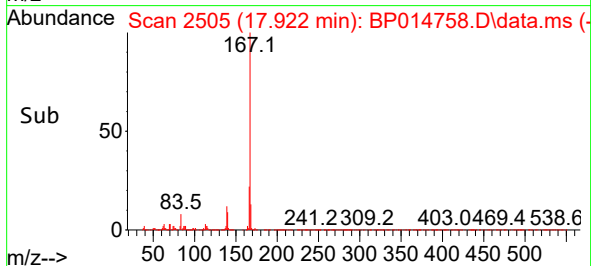
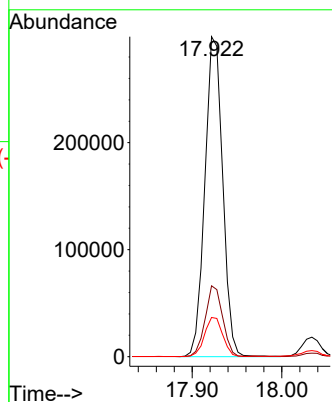
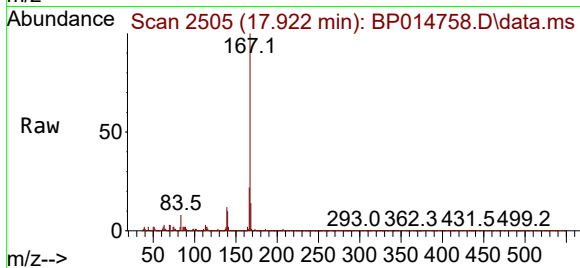
Tgt Ion:167 Resp: 412787

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.4

139 12.3 10.2 15.2



#80

Fluoranthene

Concen: 2.030 ng/ul

RT: 19.522 min Scan# 2777

Delta R.T. -0.000 min

Lab File: BP014758.D

Acq: 20 Apr 2023 16:17

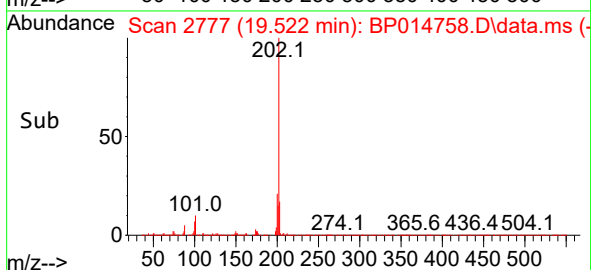
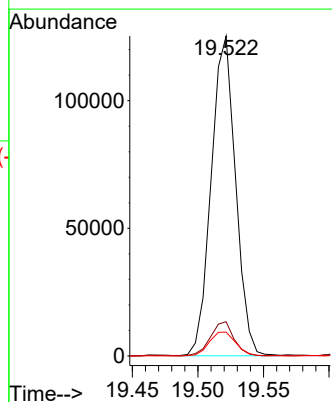
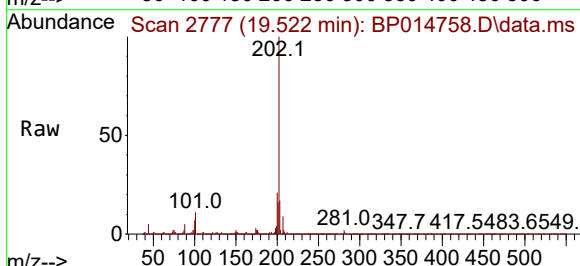
Tgt Ion:202 Resp: 162098

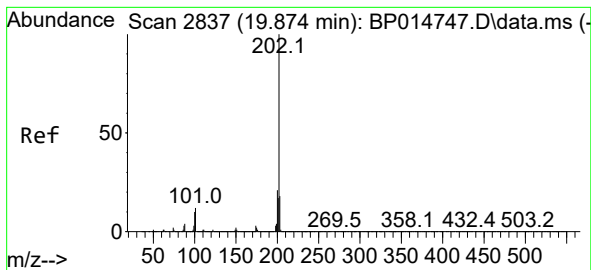
Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

100 7.4 6.4 9.6





#82

Pyrene

Concen: 1.024 ng/ul

RT: 19.869 min Scan# 2836

Delta R.T. -0.006 min

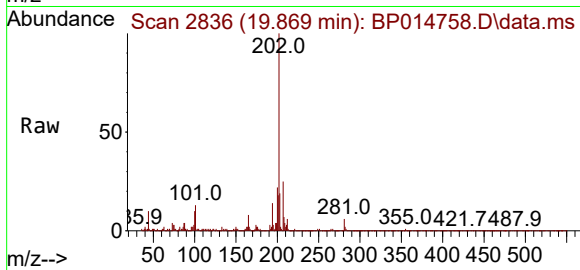
Lab File: BP014758.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:202 Resp: 86541

Ion Ratio Lower Upper

202 100

101 13.0 9.4 14.0

100 9.9 8.0 12.0

