

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014794.D
 Acq On : 21 Apr 2023 17:29
 Operator : CG/JU
 Sample : 02296-22DL 10X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 21 23:23:31 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

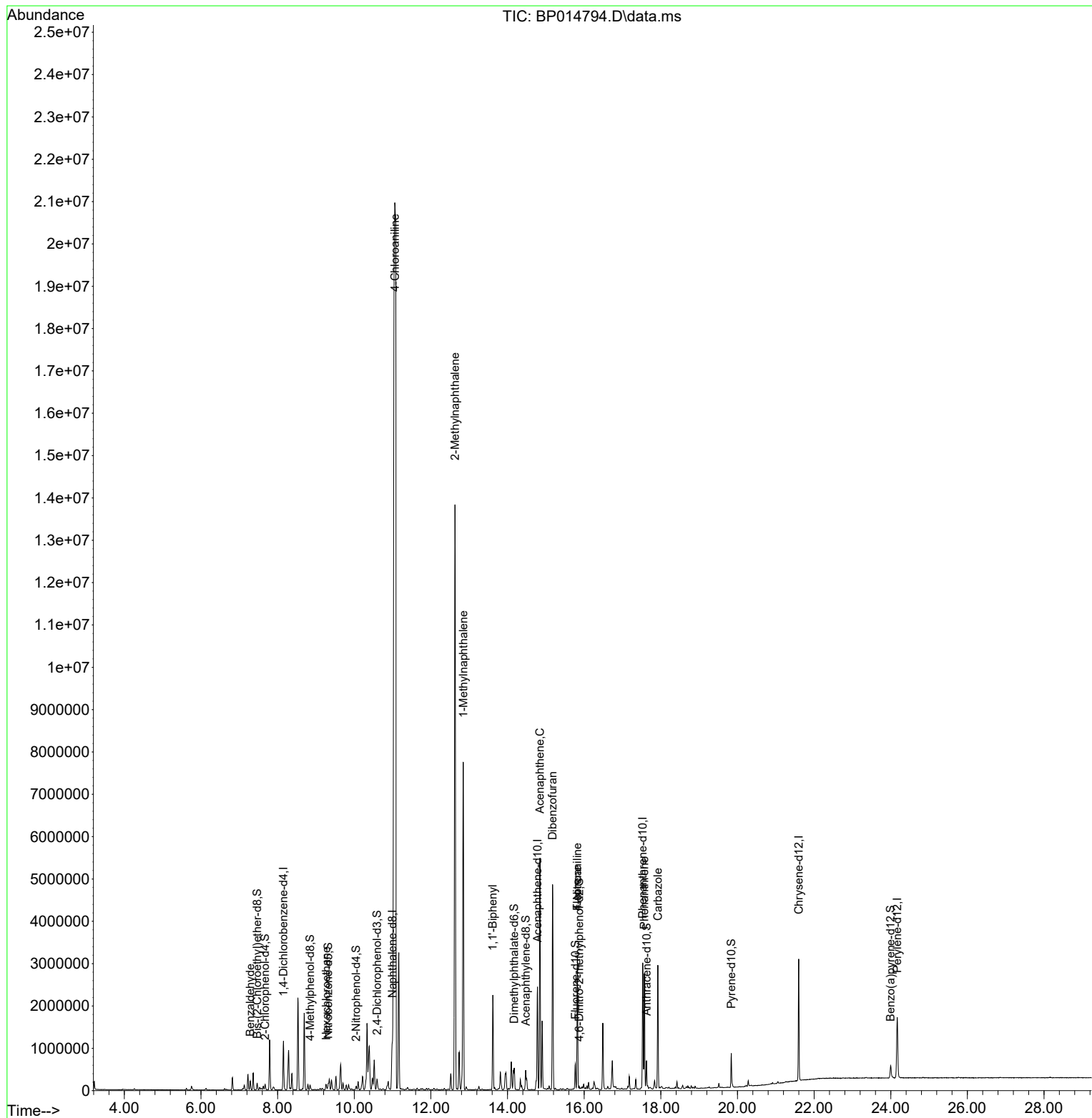
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	313654	20.000	ng/ul	0.00
20) Naphthalene-d8	10.993	136	1308536	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.781	164	822439	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	1785987	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1335322	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	1137059	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	2274	0.288	ng/uL	0.00
4) Pyridine-d5	3.911	84	149	0.007	ng/ul	0.00
7) Phenol-d5	7.287	99	23059	0.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.464	67	66812	3.993	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	56325	2.797	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	42802	2.025	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	36598	4.463	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	26473	3.575	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	67417	3.353	ng/ul	0.00
31) 4-Chloroaniline-d4	11.128	131	24181	0.788	ng/ul	0.02
46) Dimethylphthalate-d6	14.175	166	276600	4.247	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	284867	3.775	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	5055	0.488	ng/ul	-0.01
60) Fluorene-d10	15.769	176	231220	4.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	14319	1.981	ng/ul	-0.01
73) Anthracene-d10	17.628	188	360940	4.183	ng/ul	0.00
81) Pyrene-d10	19.839	212	388816	5.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	227017	3.852	ng/ul	-0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.287	77	13524	1.008	ng/ul#	1
19) Hexachloroethane	9.269	117	19150	2.159	ng/ul#	7
32) 4-Chloroaniline	11.063	127	4400697	141.536	ng/ul#	12
36) 2-Methylnaphthalene	12.628	142	7191232	146.885	ng/ul	100
37) 1-Methylnaphthalene	12.846	142	3692515	76.078	ng/ul	100
43) 1,1'-Biphenyl	13.616	154	1148587	17.223	ng/ul	99
52) Acenaphthene	14.846	153	2195848	39.374	ng/ul	99
56) Dibenzofuran	15.175	168	2872443	36.596	ng/ul	98
61) Fluorene	15.822	166	1386569	21.641	ng/ul	99
63) 4-Nitroaniline	15.822	138	15055	1.480	ng/ul#	20
72) Phenanthrene	17.569	178	1596218	15.858	ng/ul	100
77) Carbazole	17.922	167	1763874	19.690	ng/ul	99

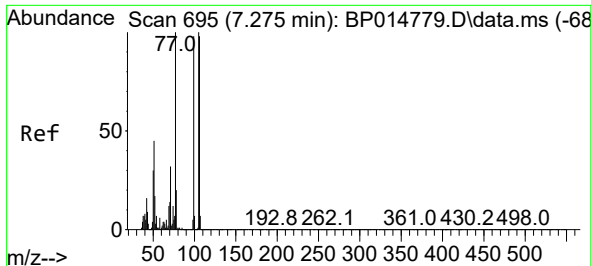
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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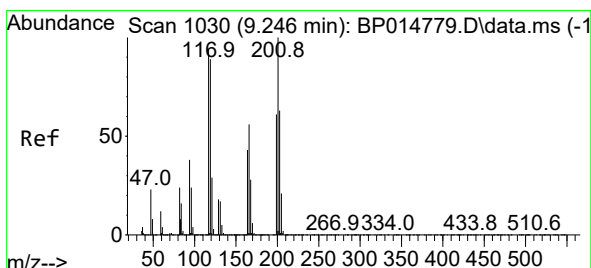
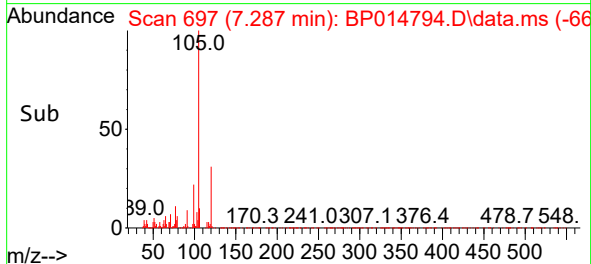
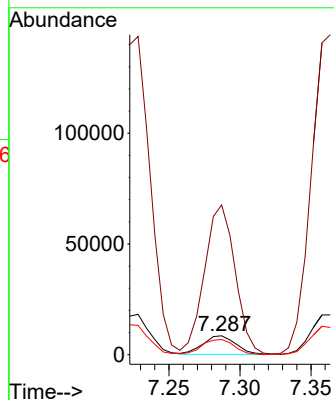
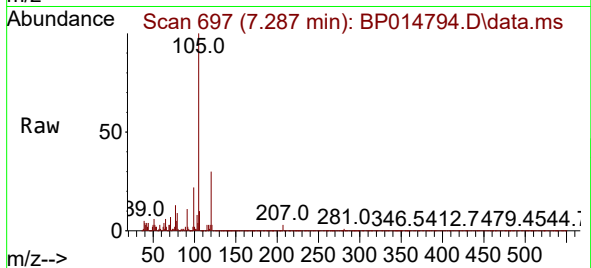




#6
Benzaldehyde
Concen: 1.008 ng/ul
RT: 7.287 min Scan# 695
Delta R.T. 0.006 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

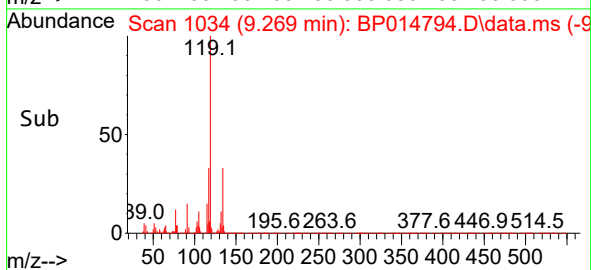
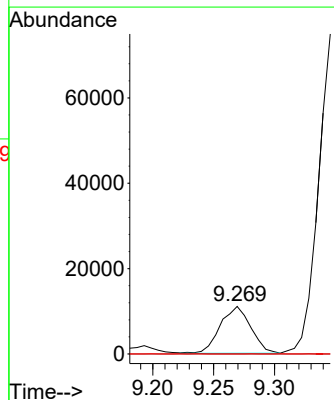
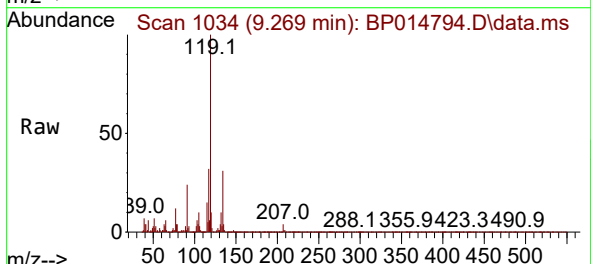
Instrument :
BNA_P
ClientSampleId :

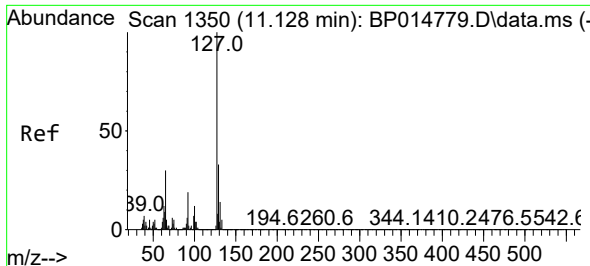
Tgt Ion: 77 Resp: 13524
Ion Ratio Lower Upper
77 100
105 792.7 76.6 114.8#
106 80.2 73.3 109.9



#19
Hexachloroethane
Concen: 2.159 ng/ul
RT: 9.269 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

Tgt Ion: 117 Resp: 19150
Ion Ratio Lower Upper
117 100
201 0.1 81.0 121.4#
199 0.1 51.5 77.3#

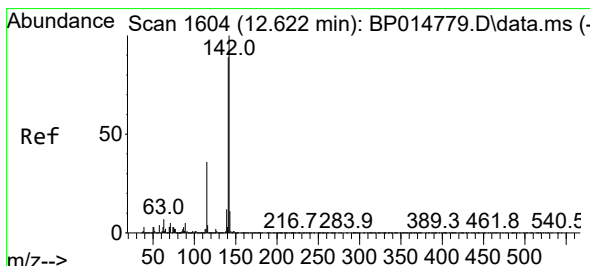
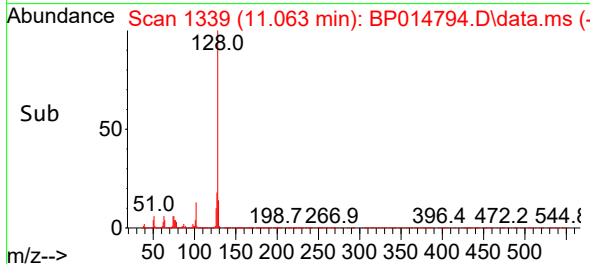
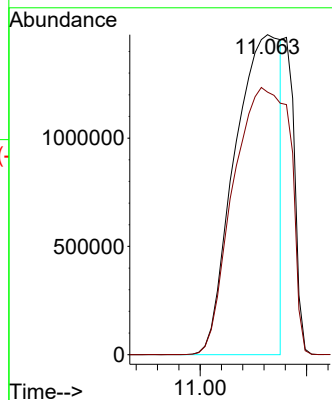
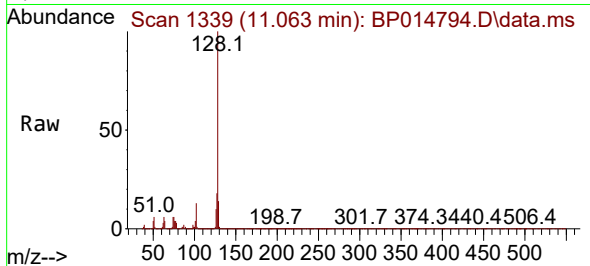




#32
4-Chloroaniline
Concen: 141.536 ng/ul
RT: 11.063 min Scan# 11
Delta R.T. -0.071 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

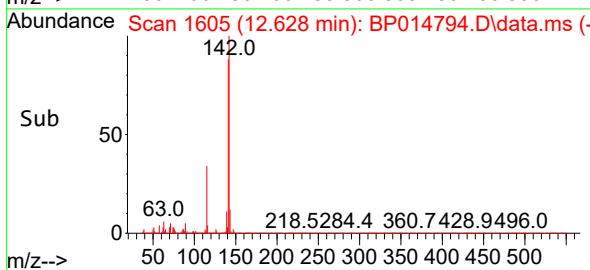
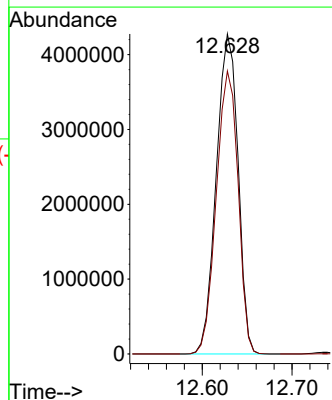
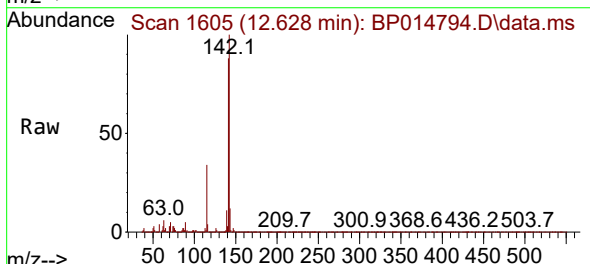
Instrument :
BNA_P
ClientSampleId :

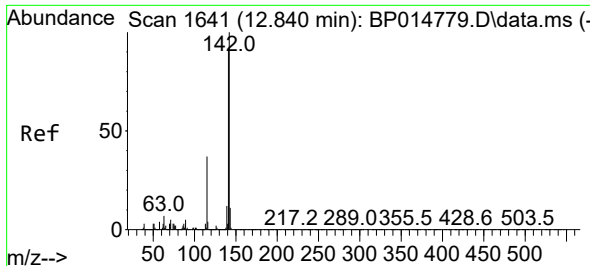
Tgt Ion:127 Resp: 4400697
Ion Ratio Lower Upper
127 100
129 82.1 26.0 39.0#



#36
2-Methylnaphthalene
Concen: 146.885 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP014794.D
Acq: 21 Apr 2023 17:29

Tgt Ion:142 Resp: 7191232
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3





#37

1-Methylnaphthalene

Concen: 76.078 ng/ul

RT: 12.846 min Scan# 1641

Delta R.T. 0.006 min

Lab File: BP014794.D

Acq: 21 Apr 2023 17:29

Instrument :

BNA_P

ClientSampleId :

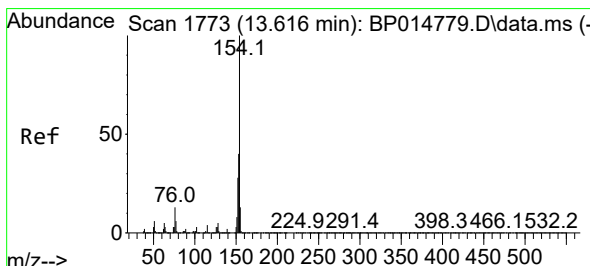
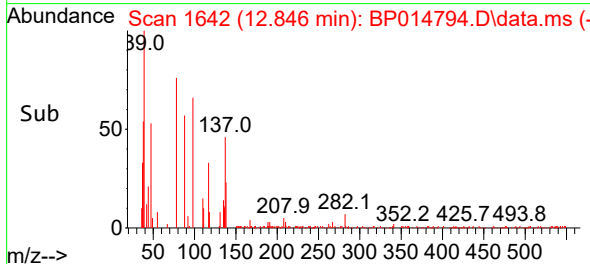
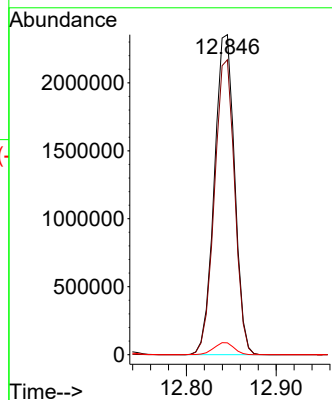
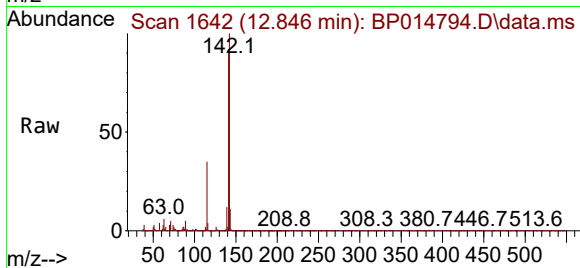
Tgt Ion:142 Resp: 3692515

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

116 3.7 3.3 4.9



#43

1,1'-Biphenyl

Concen: 17.223 ng/ul

RT: 13.616 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BP014794.D

Acq: 21 Apr 2023 17:29

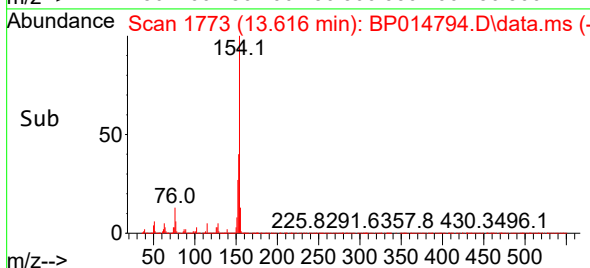
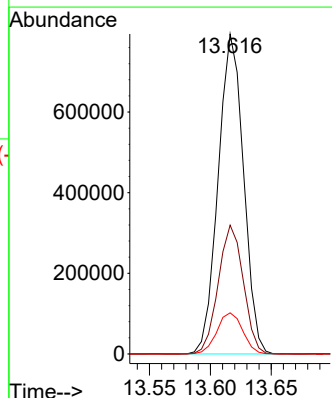
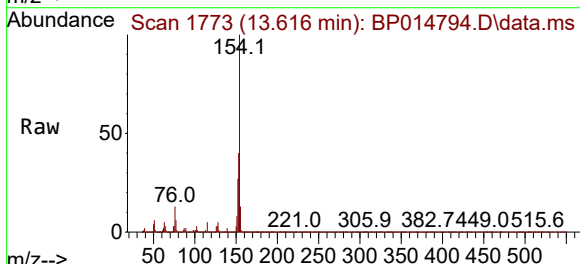
Tgt Ion:154 Resp: 1148587

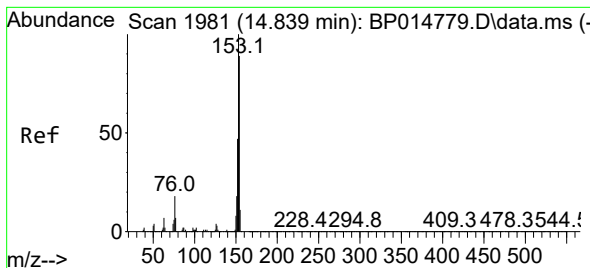
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 12.9 10.8 16.2





#52

Acenaphthene

Concen: 39.374 ng/ul

RT: 14.846 min Scan# 1981

Delta R.T. 0.000 min

Lab File: BP014794.D

Acq: 21 Apr 2023 17:29

Instrument :

BNP_P

ClientSampleId :

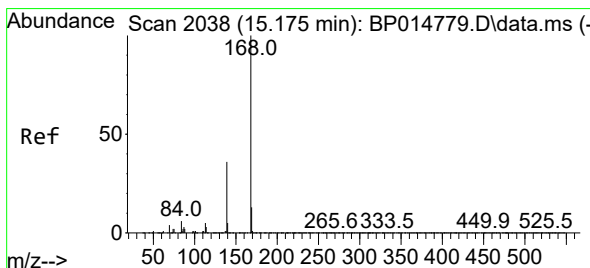
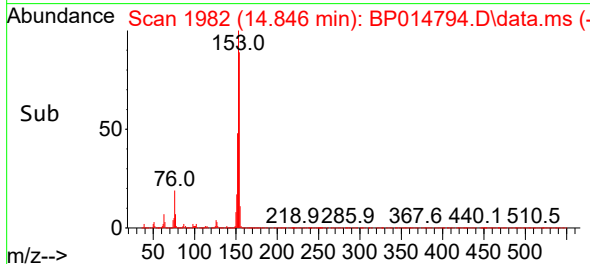
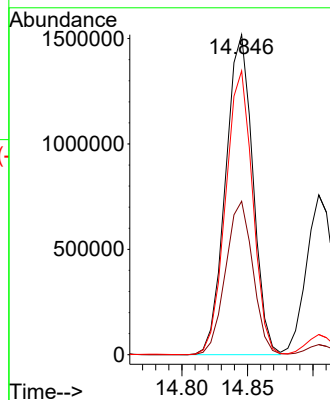
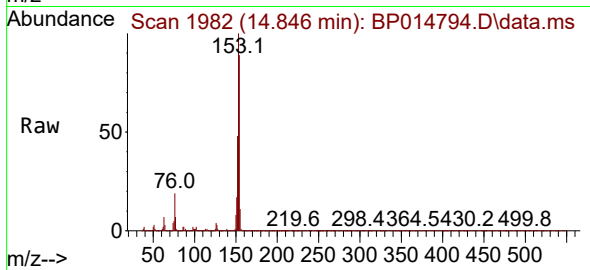
Tgt Ion:153 Resp: 2195848

Ion Ratio Lower Upper

153 100

152 48.0 38.4 57.6

154 88.7 69.8 104.8



#56

Dibenzofuran

Concen: 36.596 ng/ul

RT: 15.175 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BP014794.D

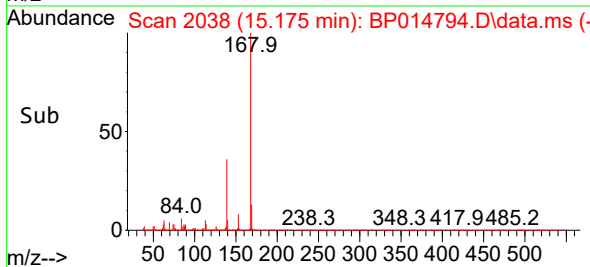
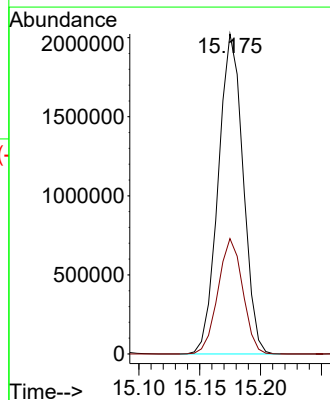
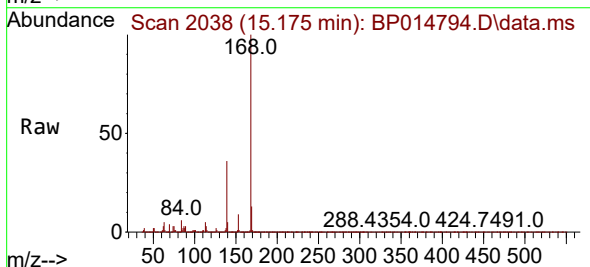
Acq: 21 Apr 2023 17:29

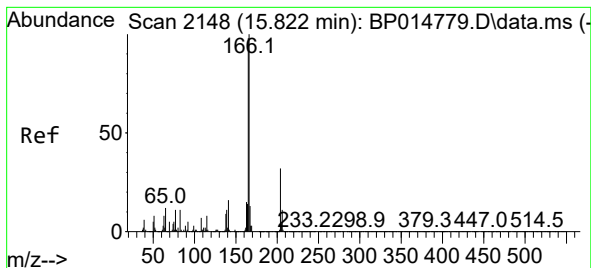
Tgt Ion:168 Resp: 2872443

Ion Ratio Lower Upper

168 100

139 36.0 29.8 44.8





#61

Fluorene

Concen: 21.641 ng/ul

RT: 15.822 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BP014794.D

Acq: 21 Apr 2023 17:29

Instrument :

BNA_P

ClientSampleId :

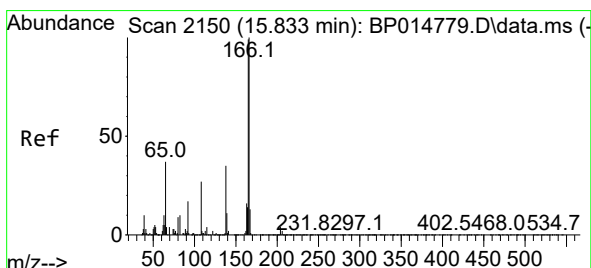
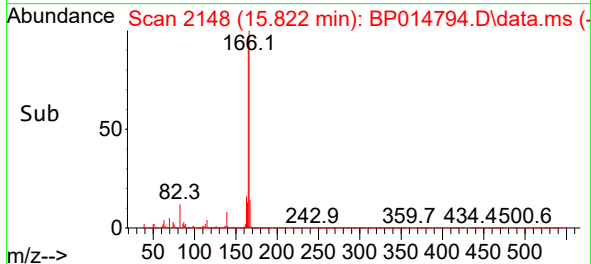
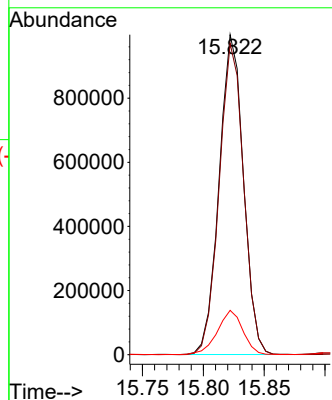
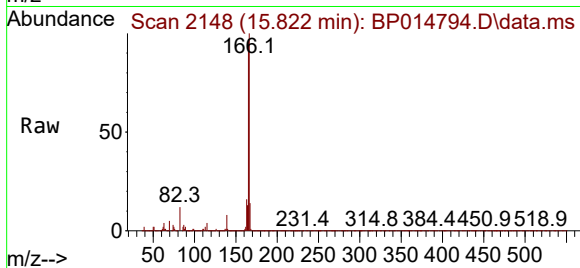
Tgt Ion:166 Resp: 1386569

Ion Ratio Lower Upper

166 100

165 97.2 78.6 117.8

167 13.9 10.5 15.7



#63

4-Nitroaniline

Concen: 1.480 ng/ul

RT: 15.822 min Scan# 2148

Delta R.T. -0.012 min

Lab File: BP014794.D

Acq: 21 Apr 2023 17:29

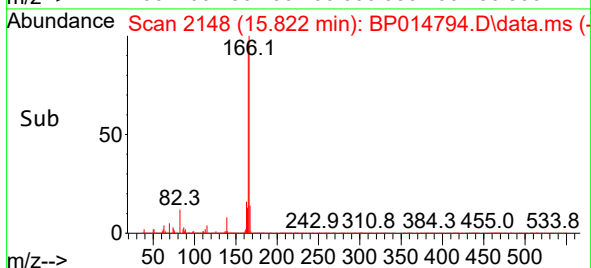
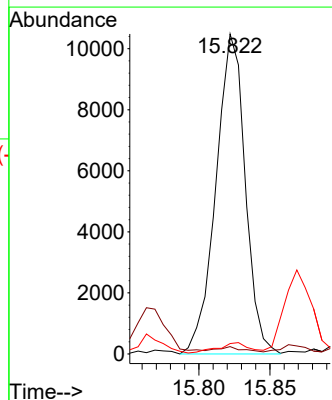
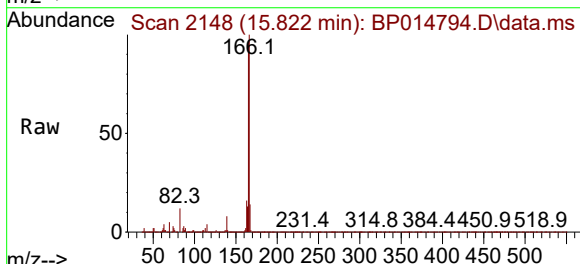
Tgt Ion:138 Resp: 15055

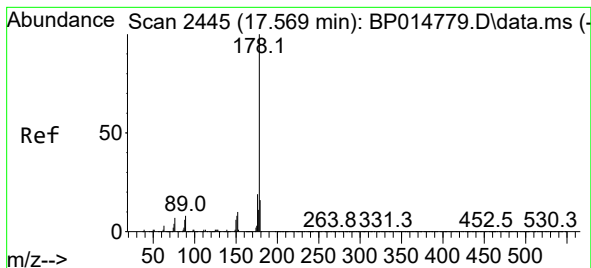
Ion Ratio Lower Upper

138 100

92 2.3 40.9 61.3#

108 3.2 63.8 95.6#





#72

Phenanthrene

Concen: 15.858 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP014794.D

Acq: 21 Apr 2023 17:29

Instrument :

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ClientSampleId :

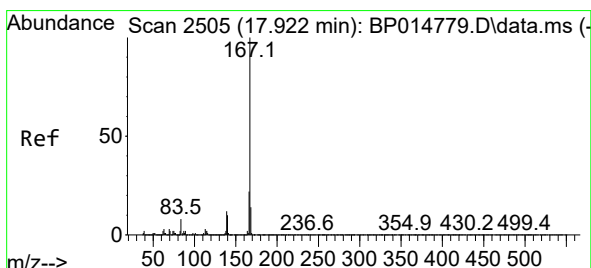
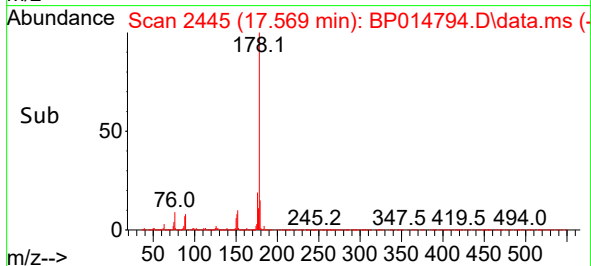
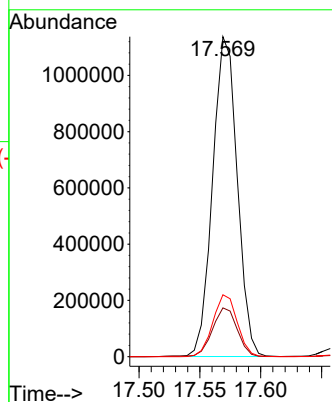
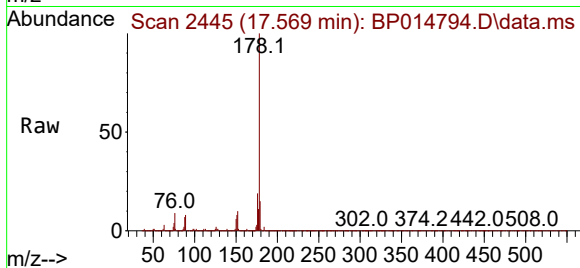
Tgt Ion:178 Resp: 1596218

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 19.4 15.3 22.9



#77

Carbazole

Concen: 19.690 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014794.D

Acq: 21 Apr 2023 17:29

Tgt Ion:167 Resp: 1763874

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.4

139 12.5 10.2 15.2

