

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014793.D
 Acq On : 21 Apr 2023 16:55
 Operator : CG/JU
 Sample : 02296-21DL 10X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 21 23:23:16 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)

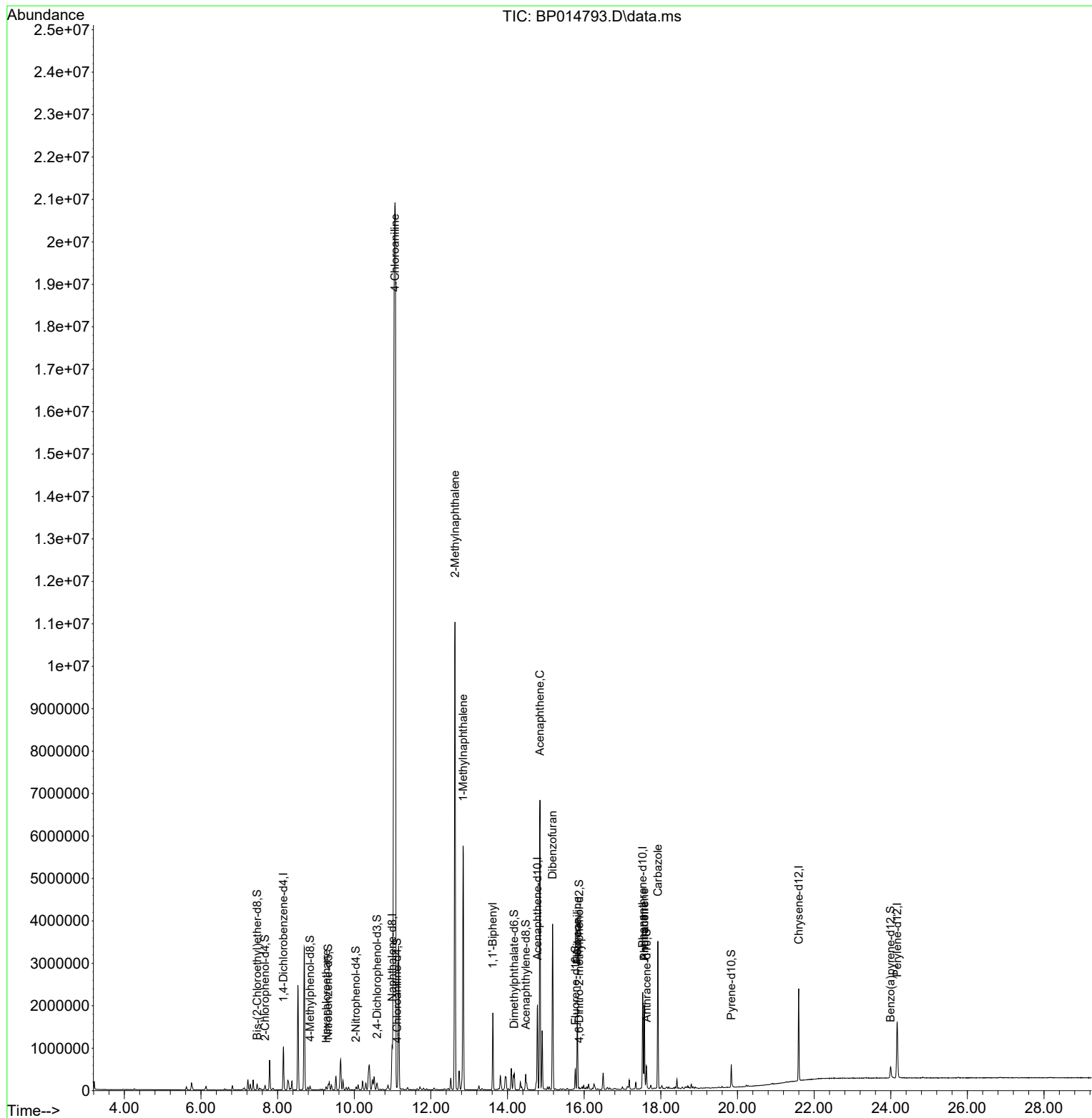
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	275829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	1134798	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	667786	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	1343255	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	996280	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1067979	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	1949	0.281	ng/uL	0.00
4) Pyridine-d5	3.911	84	188	0.010	ng/ul	0.00
7) Phenol-d5	7.287	99	17107	0.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	59544	4.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	48142	2.718	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	33173	1.784	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	30756	4.325	ng/ul	0.00
24) 2-Nitrophenol-d4	10.046	143	22104	3.442	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	52539	3.013	ng/ul	0.00
31) 4-Chloroaniline-d4	11.116	131	37346	1.403	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	214300	4.053	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	223334	3.645	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	3268	0.389	ng/ul	-0.01
60) Fluorene-d10	15.769	176	180600	3.981	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	10637	1.957	ng/ul	-0.01
73) Anthracene-d10	17.628	188	269874	4.159	ng/ul	0.00
81) Pyrene-d10	19.839	212	267366	4.685	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	206210	3.725	ng/ul	-0.02
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.269	117	10071	1.291	ng/ul#	7
32) 4-Chloroaniline	11.063	127	4992083	185.138	ng/ul#	12
36) 2-Methylnaphthalene	12.628	142	5459628	128.589	ng/ul	100
37) 1-Methylnaphthalene	12.840	142	2699999	64.145	ng/ul	100
43) 1,1'-Biphenyl	13.616	154	899879	16.618	ng/ul	98
52) Acenaphthene	14.845	153	2749976	60.730	ng/ul	99
56) Dibenzofuran	15.175	168	2271016	35.634	ng/ul	98
61) Fluorene	15.822	166	838258	16.113	ng/ul	99
63) 4-Nitroaniline	15.822	138	9401	1.138	ng/ul#	21
72) Phenanthrene	17.569	178	1074979	14.200	ng/ul	100
74) Anthracene	17.569	178	1074979	14.006	ng/ul	99
77) Carbazole	17.922	167	2088327	30.995	ng/ul	100

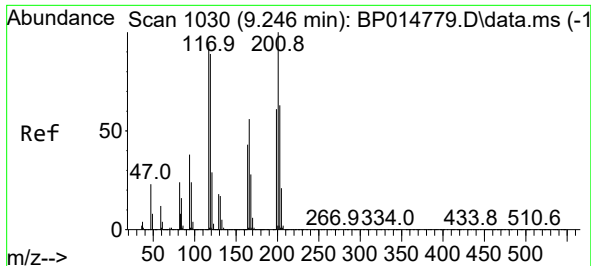
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
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ALS Vial : 48 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

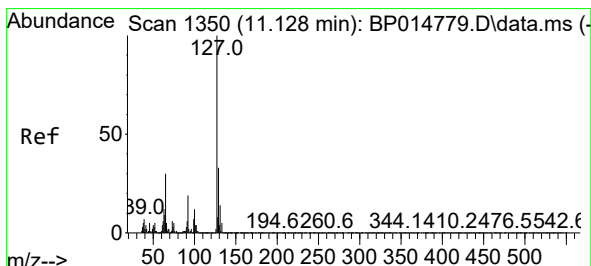
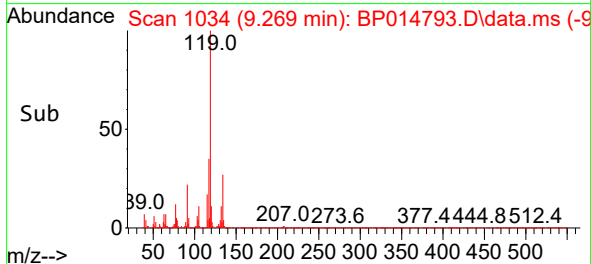
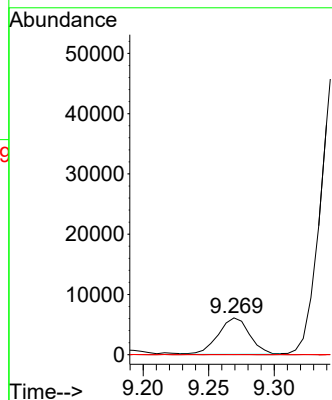
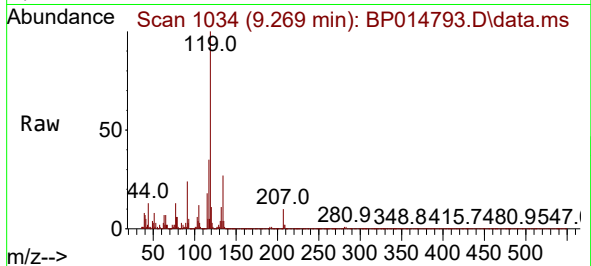




#19
Hexachloroethane
Concen: 1.291 ng/ul
RT: 9.269 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

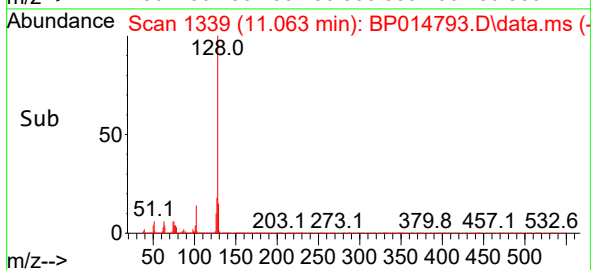
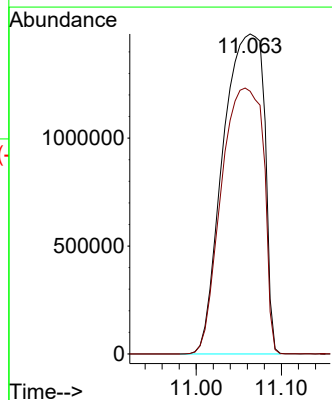
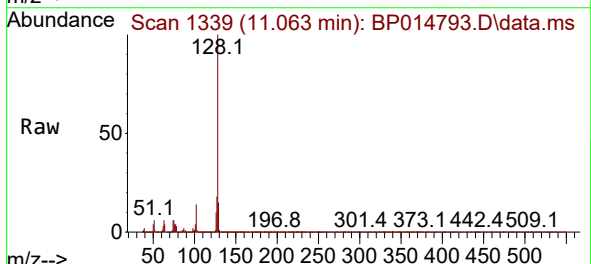
Instrument :
BNA_P
ClientSampleId :

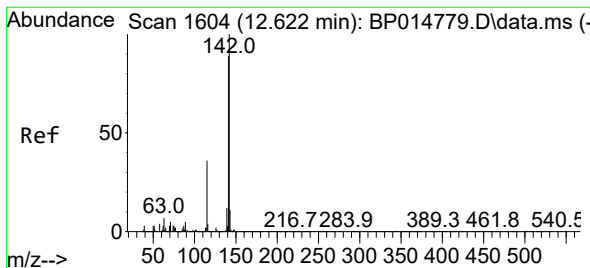
Tgt Ion:117 Resp: 10071
Ion Ratio Lower Upper
117 100
201 0.1 81.0 121.4#
199 0.4 51.5 77.3#



#32
4-Chloroaniline
Concen: 185.138 ng/ul
RT: 11.063 min Scan# 1339
Delta R.T. -0.071 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

Tgt Ion:127 Resp: 4992083
Ion Ratio Lower Upper
127 100
129 82.1 26.0 39.0#

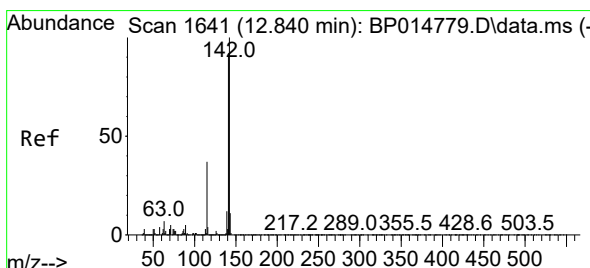
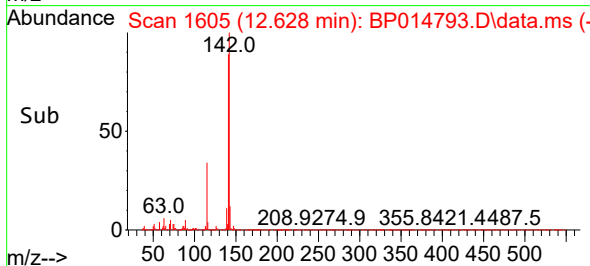
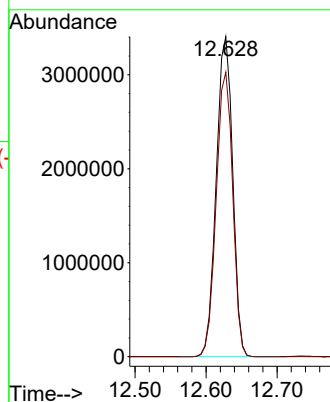
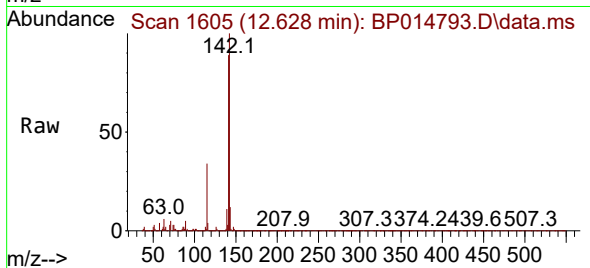




#36
2-Methylnaphthalene
Concen: 128.589 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

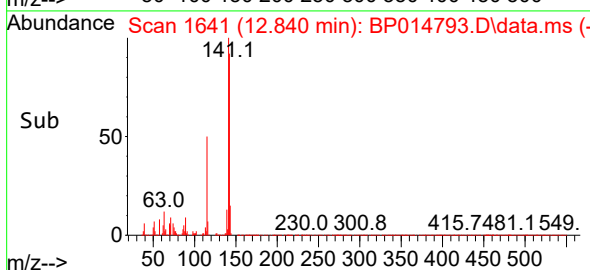
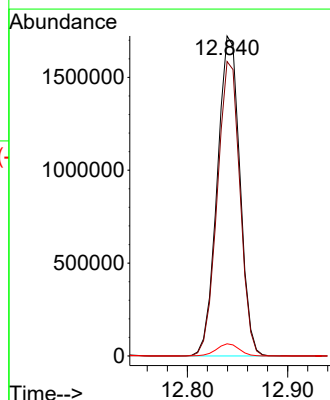
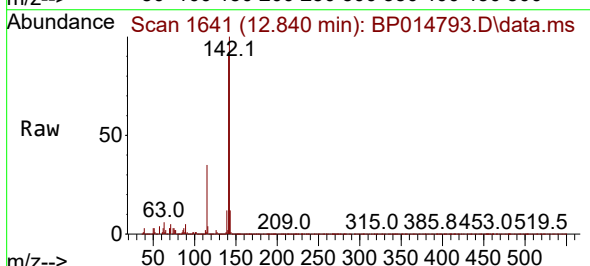
Instrument :
BNA_P
ClientSampleId :

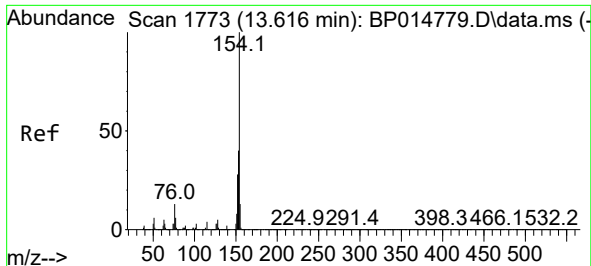
Tgt Ion:142 Resp: 5459628
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#37
1-Methylnaphthalene
Concen: 64.145 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

Tgt Ion:142 Resp: 2699999
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6
116 3.8 3.3 4.9

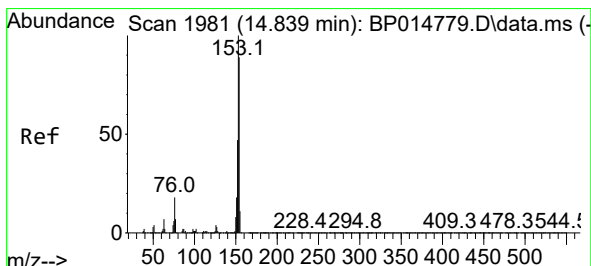
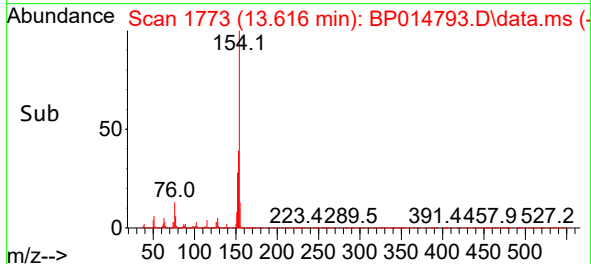
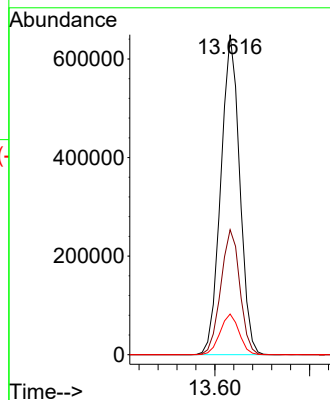
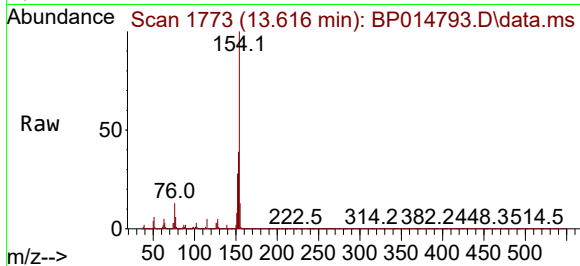




#43
1,1'-Biphenyl
Concen: 16.618 ng/ul
RT: 13.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

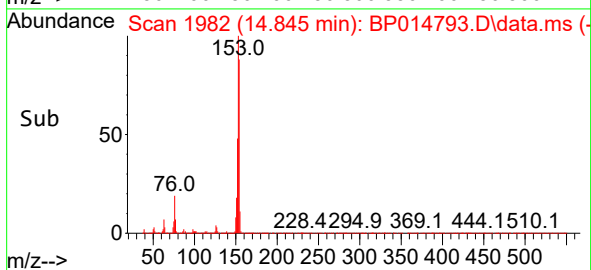
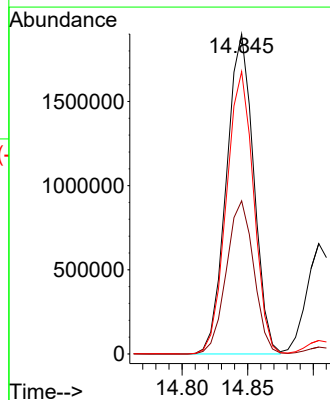
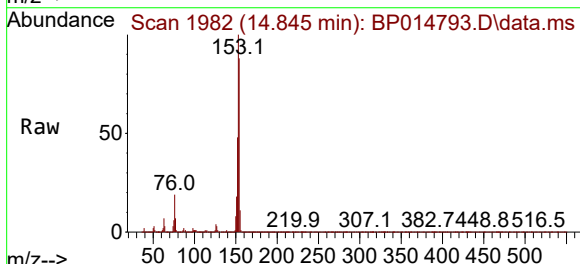
Instrument :
BNA_P
ClientSampleId :

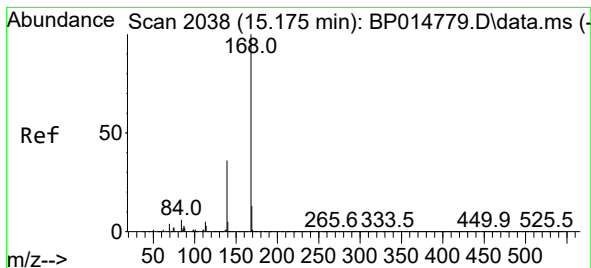
Tgt Ion:154 Resp: 899879
Ion Ratio Lower Upper
154 100
153 39.0 31.9 47.9
76 12.7 10.8 16.2



#52
Acenaphthene
Concen: 60.730 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

Tgt Ion:153 Resp: 2749976
Ion Ratio Lower Upper
153 100
152 47.8 38.4 57.6
154 88.3 69.8 104.8

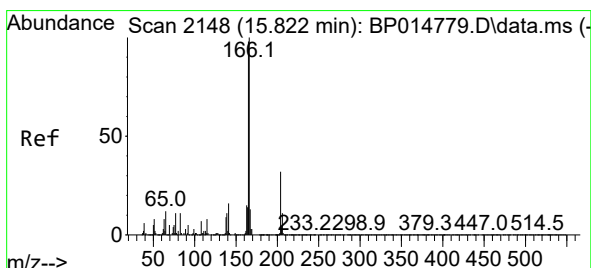
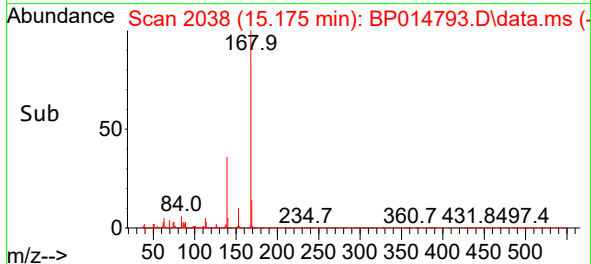
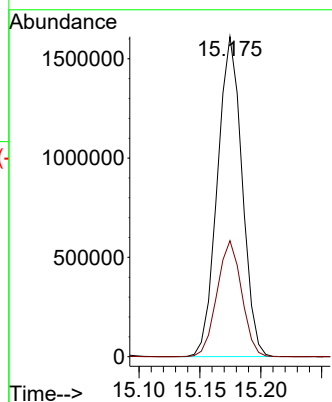
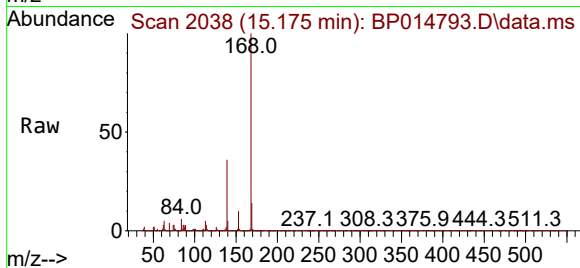




#56
Dibenzenofuran
Concen: 35.634 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

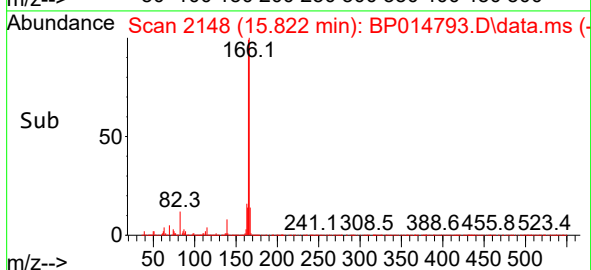
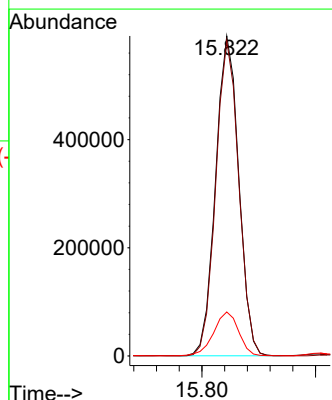
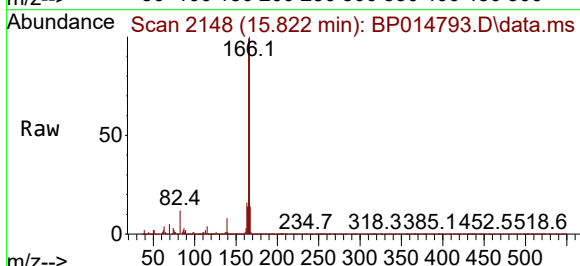
Instrument :
BNA_P
ClientSampleId :

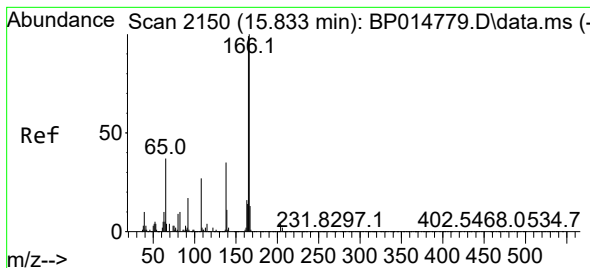
Tgt Ion:168 Resp: 2271016
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.8



#61
Fluorene
Concen: 16.113 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP014793.D
Acq: 21 Apr 2023 16:55

Tgt Ion:166 Resp: 838258
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.7 10.5 15.7





#63

4-Nitroaniline

Concen: 1.138 ng/ul

RT: 15.822 min Scan# 2150

Delta R.T. -0.012 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Instrument :

BNA_P

ClientSampleId :

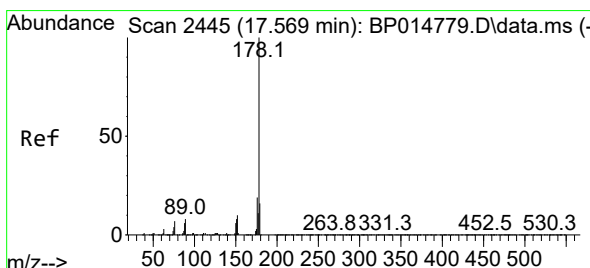
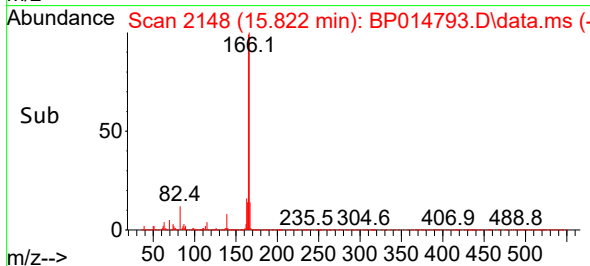
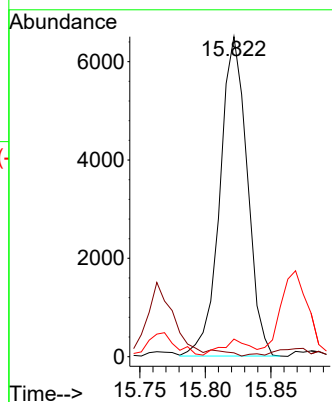
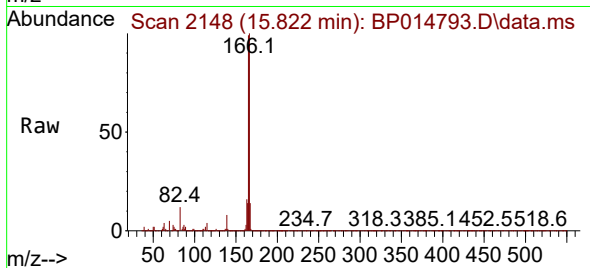
Tgt Ion:138 Resp: 9401

Ion Ratio Lower Upper

138 100

92 1.2 40.9 61.3#

108 5.5 63.8 95.6#



#72

Phenanthrene

Concen: 14.200 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

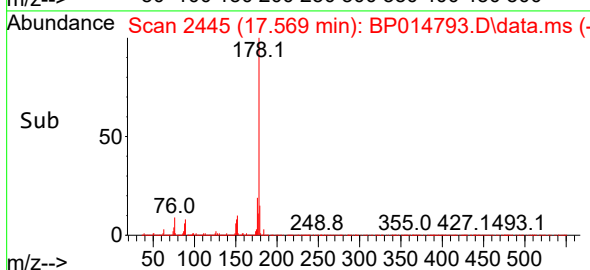
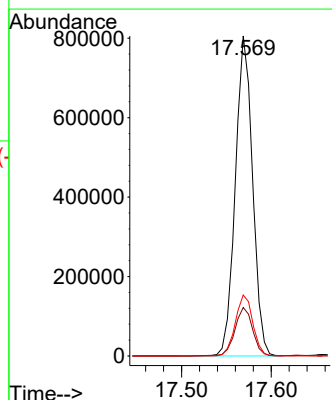
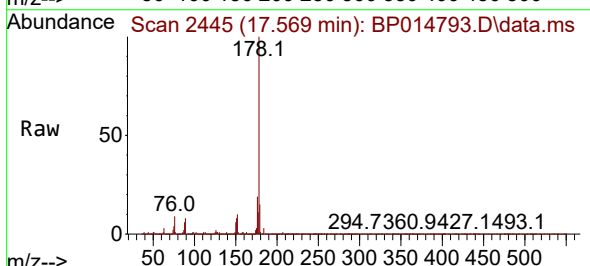
Tgt Ion:178 Resp: 1074979

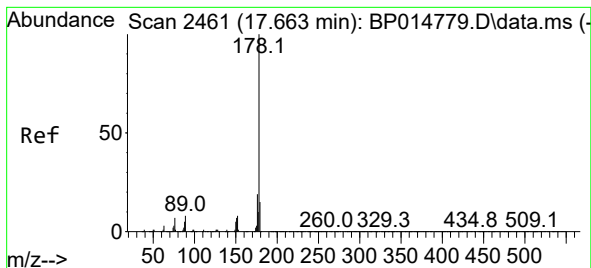
Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 19.1 15.3 22.9





#74

Anthracene

Concen: 14.006 ng/ul

RT: 17.569 min Scan# 2461

Delta R.T. -0.100 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Instrument :

BNA_P

ClientSampleId :

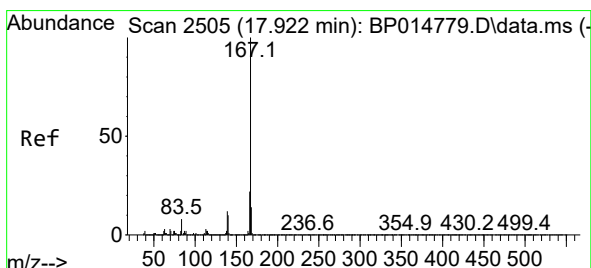
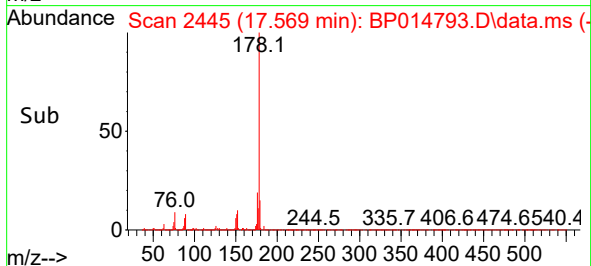
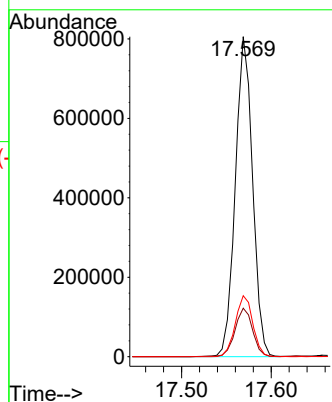
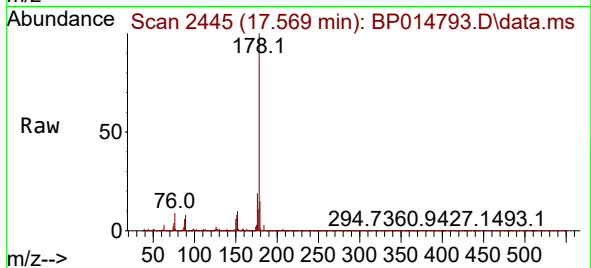
Tgt Ion:178 Resp: 1074979

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.1 15.1 22.7



#77

Carbazole

Concen: 30.995 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Tgt Ion:167 Resp: 2088327

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.0 10.2 15.2

