

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014795.D
 Acq On : 21 Apr 2023 18:03
 Operator : CG/JU
 Sample : 02296-23DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBN6DL

Quant Time: Apr 21 23:23:45 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

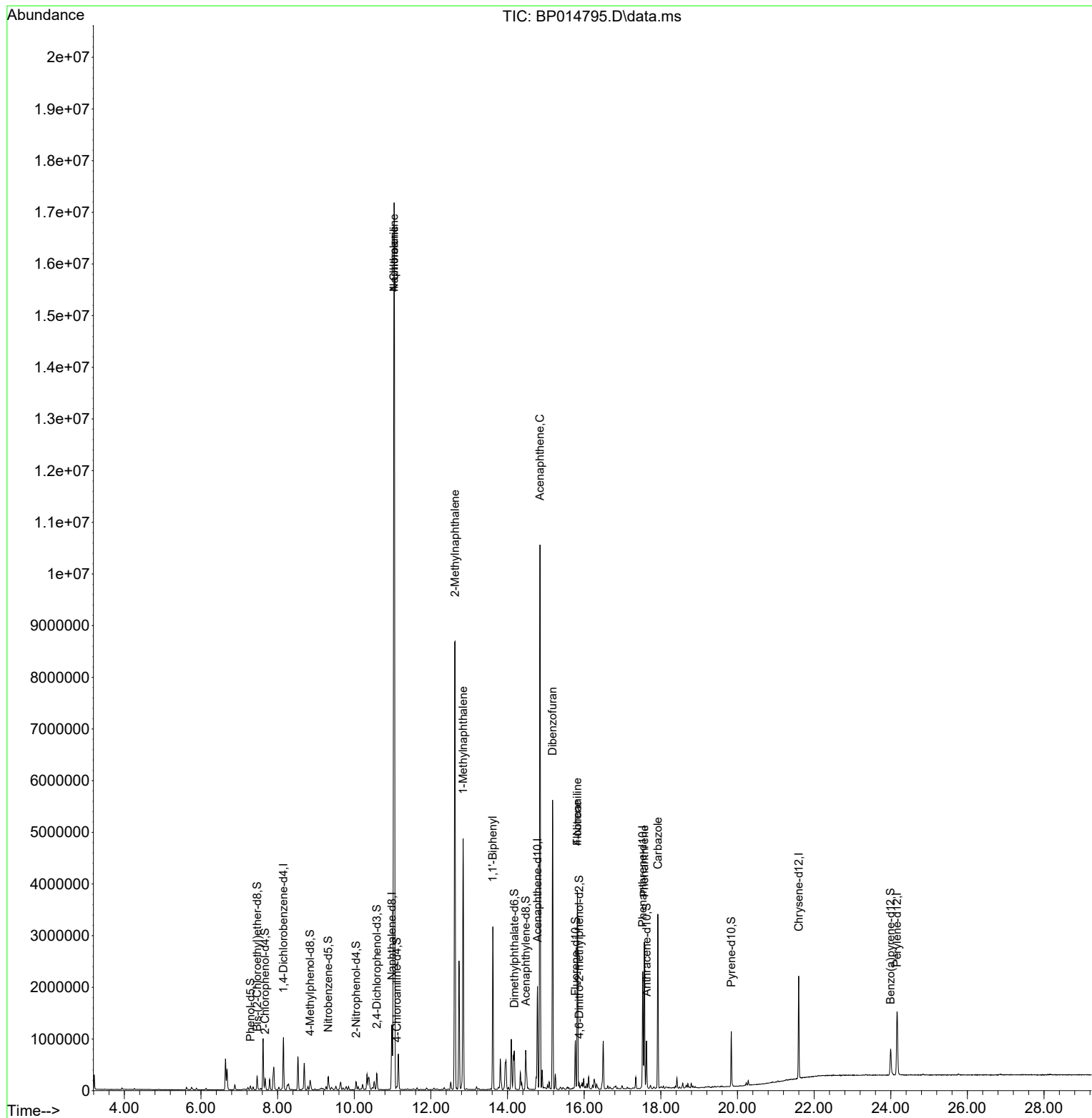
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	271615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	1125464	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	673464	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	1317051	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	935012	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	971913	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	3821	0.559	ng/uL	0.00
4) Pyridine-d5	3.934	84	15993	0.860	ng/ul	0.02
7) Phenol-d5	7.293	99	32268	1.374	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	111504	7.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	95654	5.485	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	64744	3.536	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	54578	7.739	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	45569	7.154	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	109905	6.355	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	36595	1.386	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	423761	7.947	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	457513	7.403	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	6337	0.747	ng/ul	0.00
60) Fluorene-d10	15.769	176	356034	7.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	22548	4.230	ng/ul	-0.01
73) Anthracene-d10	17.628	188	515307	8.099	ng/ul	0.00
81) Pyrene-d10	19.839	212	511166	9.543	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	391044	7.763	ng/ul	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.040	128	17715218	280.856	ng/ul	98
32) 4-Chloroaniline	11.040	127	2432073	90.944	ng/ul#	8
36) 2-Methylnaphthalene	12.628	142	4420123	104.969	ng/ul	100
37) 1-Methylnaphthalene	12.840	142	2207709	52.885	ng/ul	100
43) 1,1'-Biphenyl	13.616	154	1561987	28.603	ng/ul	98
52) Acenaphthene	14.845	153	4359192	95.457	ng/ul	99
56) Dibenzofuran	15.175	168	3526606	54.869	ng/ul	98
61) Fluorene	15.822	166	1707533	32.546	ng/ul	99
63) 4-Nitroaniline	15.822	138	18175	2.182	ng/ul#	20
72) Phenanthrene	17.569	178	1644817	22.159	ng/ul	99
77) Carbazole	17.922	167	1995071	30.200	ng/ul	99

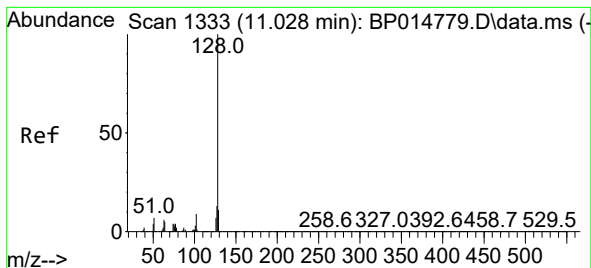
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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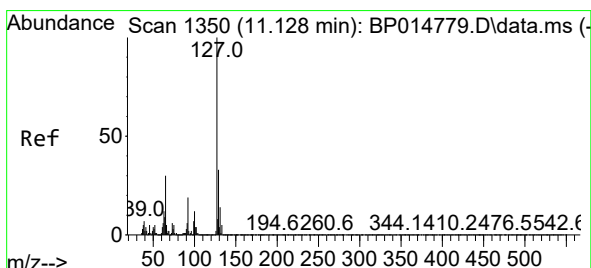
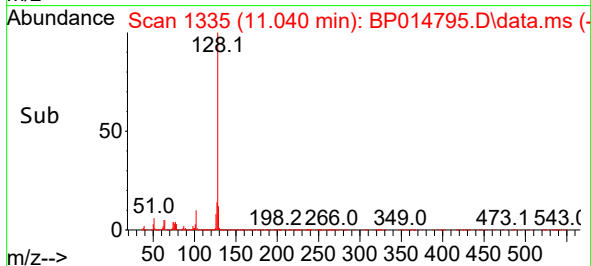
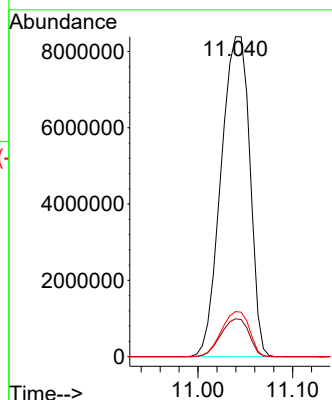
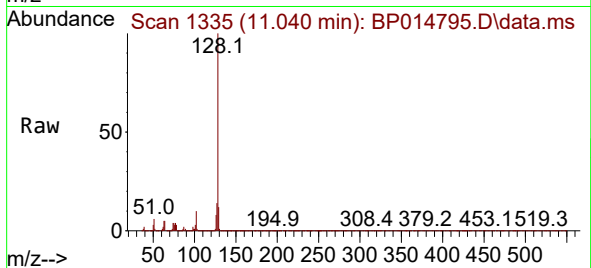




#30
Naphthalene
Concen: 280.856 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BP014795.D
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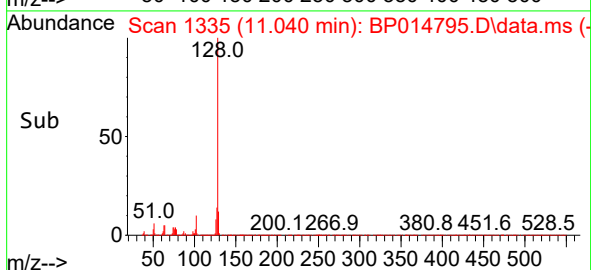
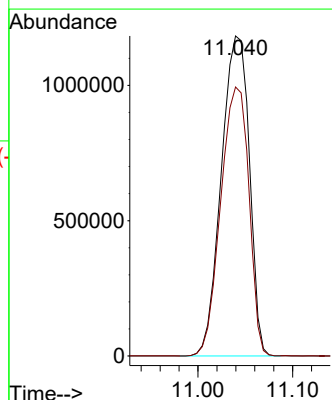
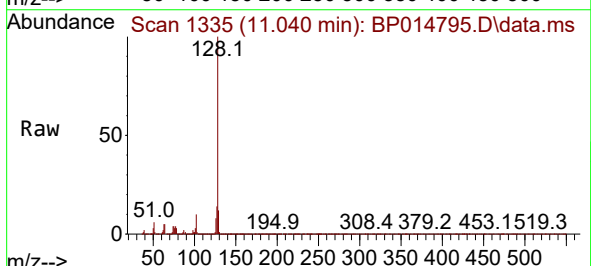
Instrument :
BNA_P
ClientSampleId :
DCBN6DL

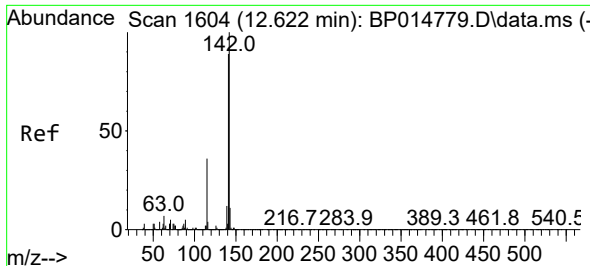
Tgt Ion:128 Resp:17715218
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 14.1 10.4 15.6



#32
4-Chloroaniline
Concen: 90.944 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. -0.094 min
Lab File: BP014795.D
Acq: 21 Apr 2023 18:03

Tgt Ion:127 Resp: 2432073
Ion Ratio Lower Upper
127 100
129 84.1 26.0 39.0#

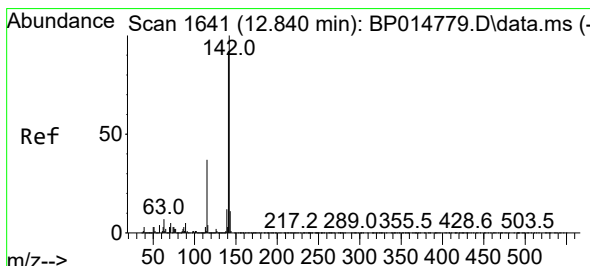
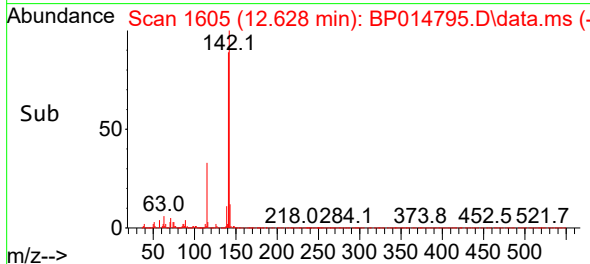
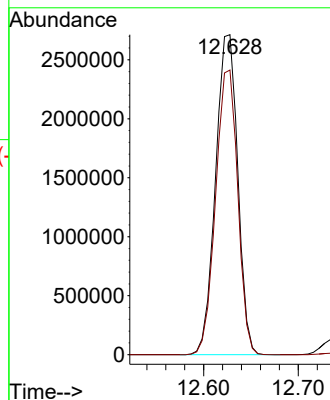
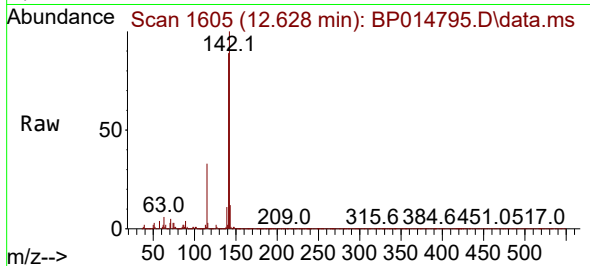




#36
2-Methylnaphthalene
Concen: 104.969 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014795.D
Acq: 21 Apr 2023 18:03

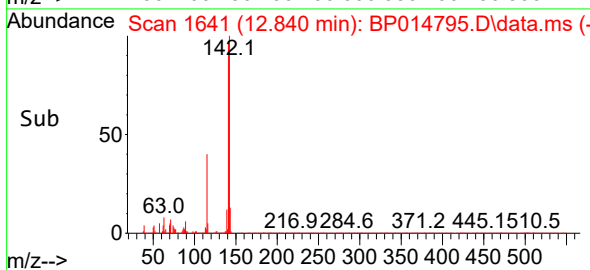
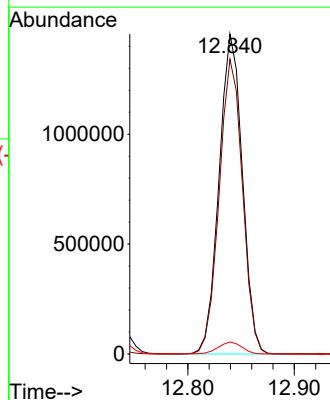
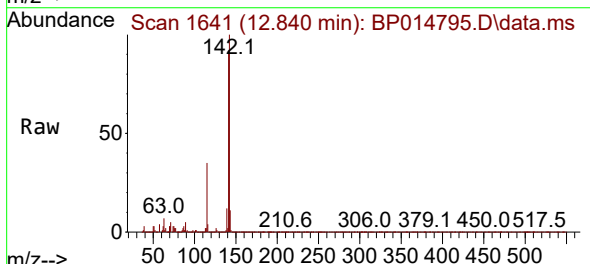
Instrument :
BNA_P
ClientSampleId :
DCBN6DL

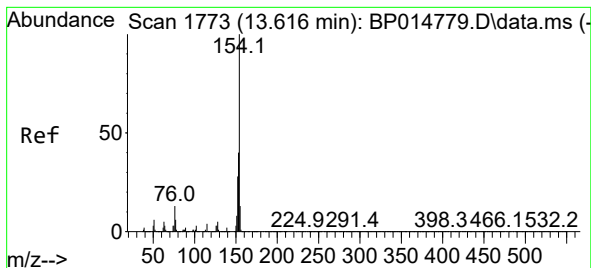
Tgt Ion:142 Resp: 4420123
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#37
1-Methylnaphthalene
Concen: 52.885 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014795.D
Acq: 21 Apr 2023 18:03

Tgt Ion:142 Resp: 2207709
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6
116 3.8 3.3 4.9





#43

1,1'-Biphenyl

Concen: 28.603 ng/ul

RT: 13.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014795.D

Acq: 21 Apr 2023 18:03

Instrument :

BNA_P

ClientSampleId :

DCBN6DL

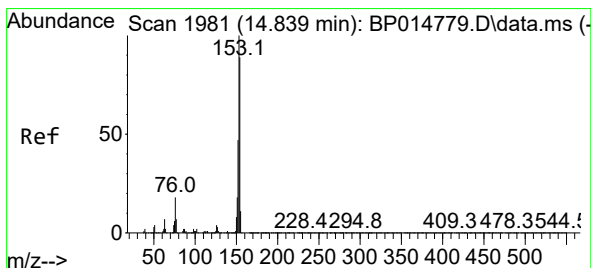
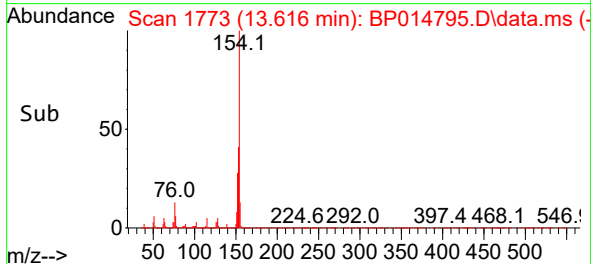
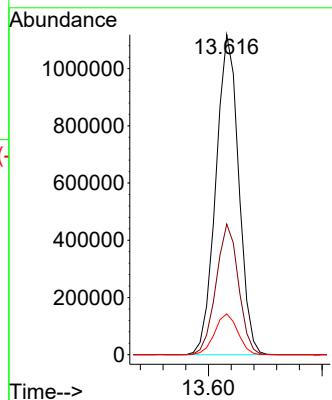
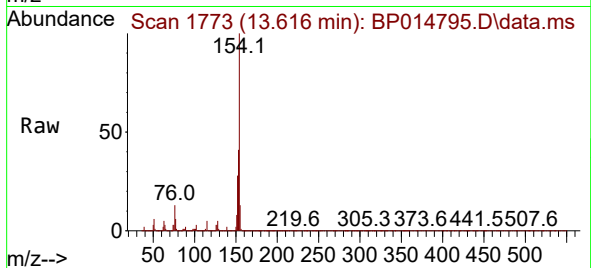
Tgt Ion:154 Resp: 1561987

Ion Ratio Lower Upper

154 100

153 40.8 31.9 47.9

76 12.8 10.8 16.2



#52

Acenaphthene

Concen: 95.457 ng/ul

RT: 14.845 min Scan# 1982

Delta R.T. -0.000 min

Lab File: BP014795.D

Acq: 21 Apr 2023 18:03

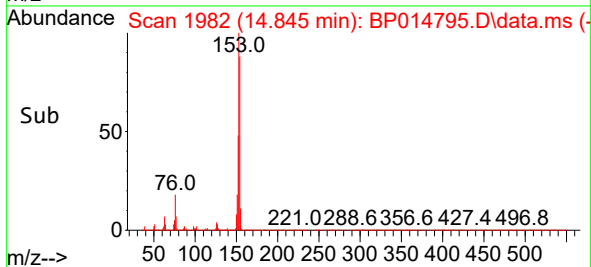
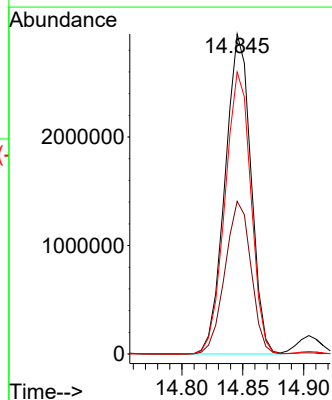
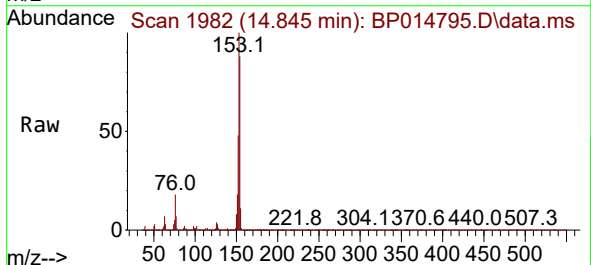
Tgt Ion:153 Resp: 4359192

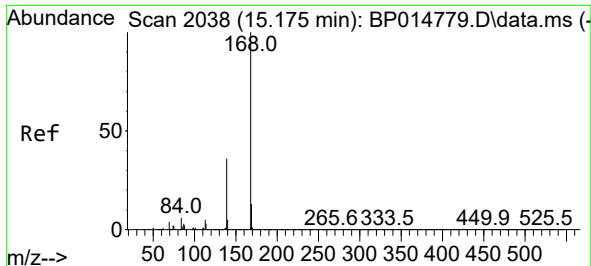
Ion Ratio Lower Upper

153 100

152 47.7 38.4 57.6

154 88.1 69.8 104.8

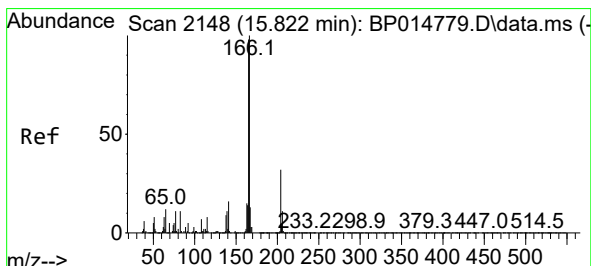
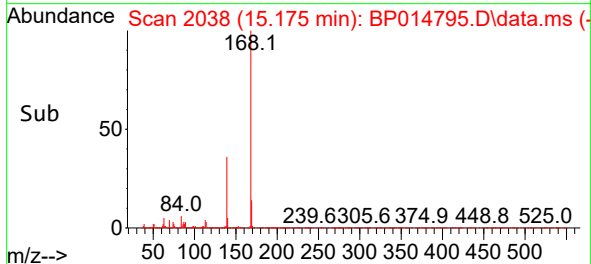
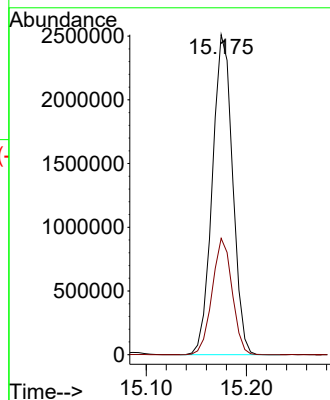
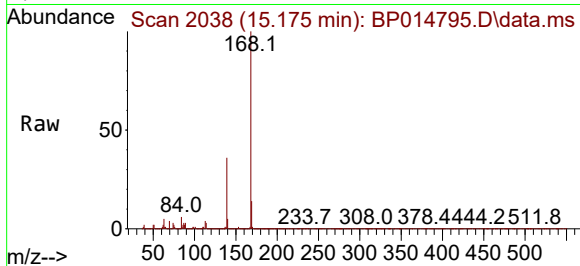




#56
Dibenzenofuran
Concen: 54.869 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014795.D
Acq: 21 Apr 2023 18:03

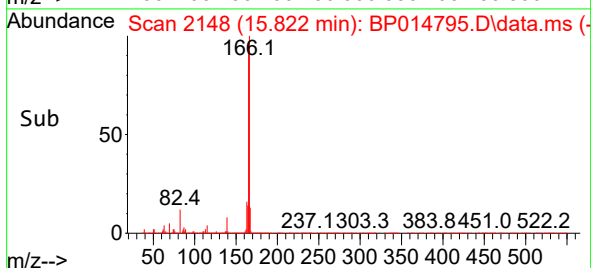
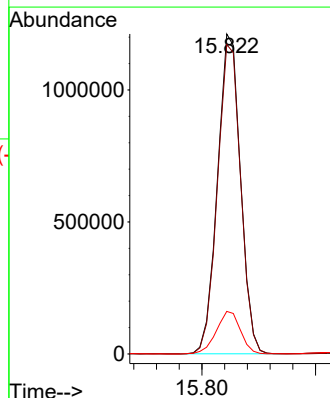
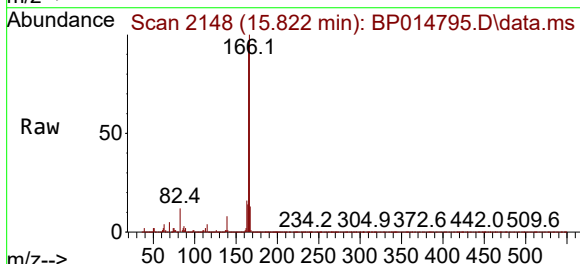
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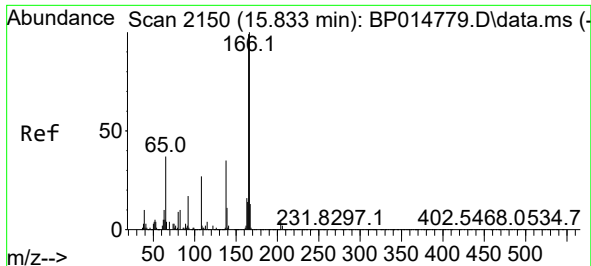
Tgt Ion:168 Resp: 3526606
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.8



#61
Fluorene
Concen: 32.546 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP014795.D
Acq: 21 Apr 2023 18:03

Tgt Ion:166 Resp: 1707533
Ion Ratio Lower Upper
166 100
165 96.7 78.6 117.8
167 13.3 10.5 15.7

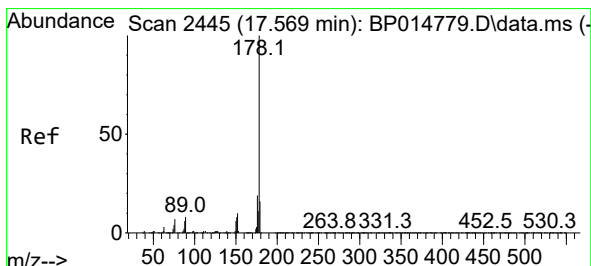
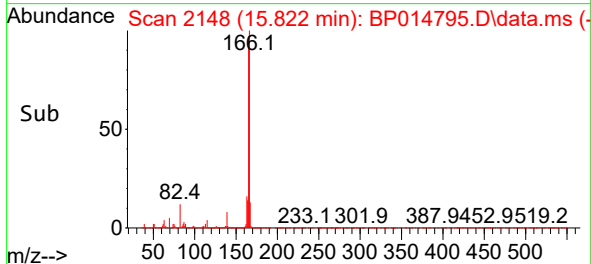
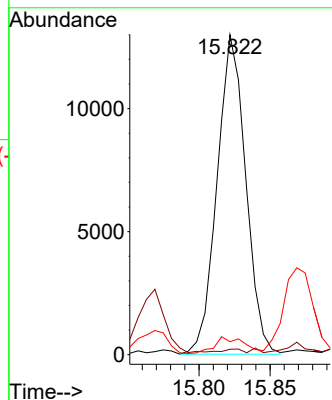
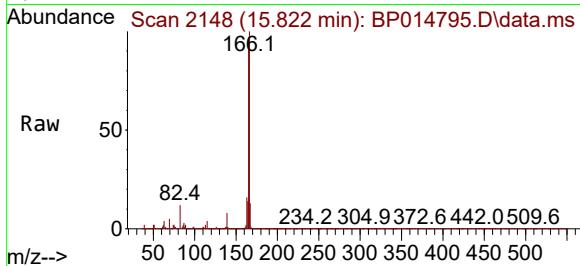




#63
4-Nitroaniline
Concen: 2.182 ng/ul
RT: 15.822 min Scan# 2150
Delta R.T. -0.012 min
Lab File: BP014795.D
Acq: 21 Apr 2023 18:03

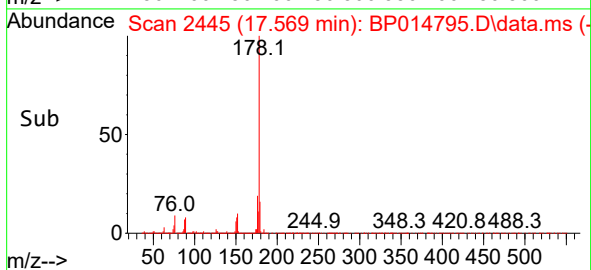
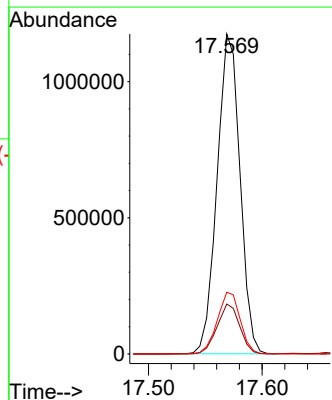
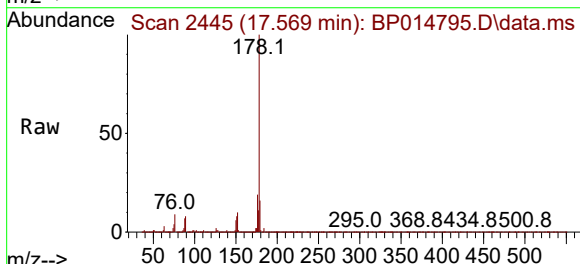
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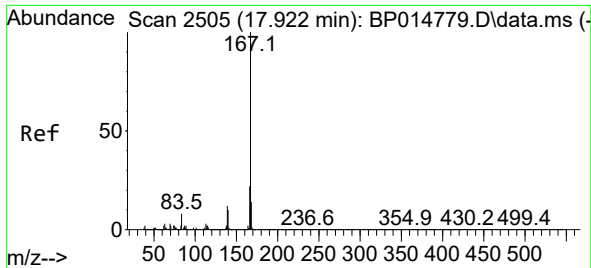
Tgt Ion:138 Resp: 18175
Ion Ratio Lower Upper
138 100
92 1.7 40.9 61.3#
108 4.0 63.8 95.6#



#72
Phenanthrene
Concen: 22.159 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP014795.D
Acq: 21 Apr 2023 18:03

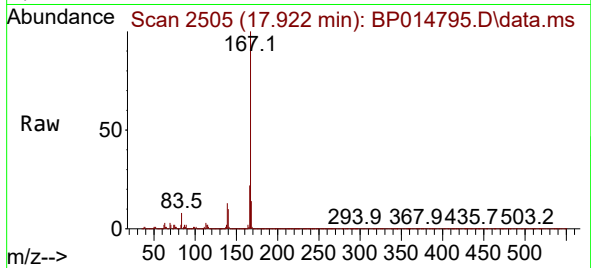
Tgt Ion:178 Resp: 1644817
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.3 15.3 22.9





#77
 Carbazole
 Concen: 30.200 ng/ul
 RT: 17.922 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014795.D
 Acq: 21 Apr 2023 18:03

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:167 Resp: 1995071
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.4
 139 12.6 10.2 15.2

