

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014797.D
 Acq On : 21 Apr 2023 19:10
 Operator : CG/JU
 Sample : 02296-20DL2 50X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBN0DL2

Quant Time: Apr 21 23:24:10 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

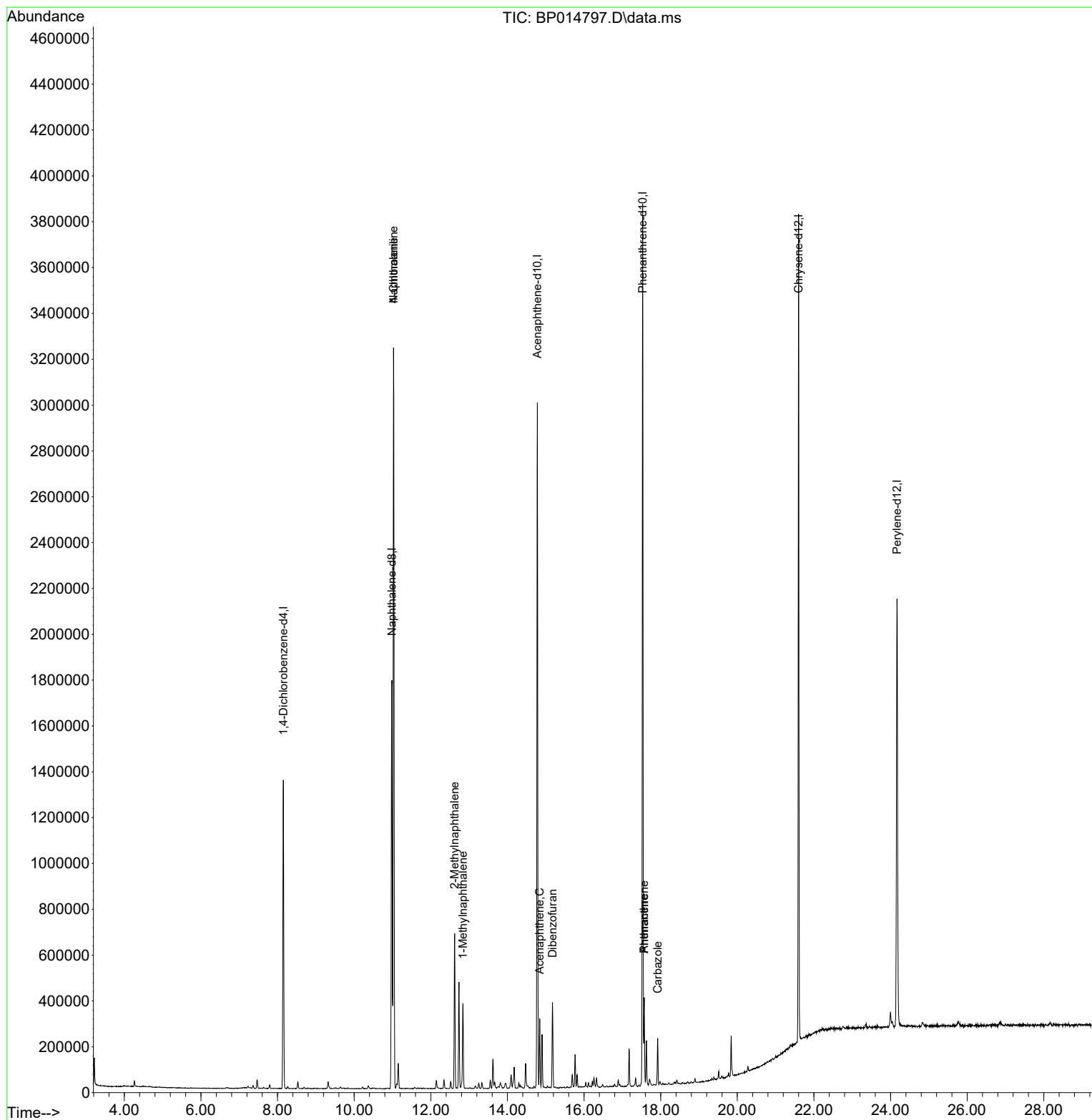
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	361095	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1505406	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.780	164	1000176	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.527	188	2226118	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1714728	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1458763	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.493	96	546	0.060	ng/uL	0.00
4) Pyridine-d5	3.905	84	353	0.014	ng/u1	-0.01
7) Phenol-d5	7.293	99	47	0.002	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	15956	0.828	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	16	0.001	ng/u1	0.01
15) 4-Methylphenol-d8	8.845	113	356	0.015	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	6564	0.696	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	7	0.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	42	0.002	ng/u1	-0.09
31) 4-Chloroaniline-d4	11.110	131	9737	0.276	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	57554	0.727	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	59367	0.647	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	74	0.006	ng/u1	0.00
60) Fluorene-d10	15.763	176	55208	0.812	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.886	200	12	0.001	ng/u1	0.00
73) Anthracene-d10	17.627	188	81436	0.757	ng/u1	0.00
81) Pyrene-d10	19.839	212	87091	0.887	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	47712	0.631	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.028	128	2661359	31.544	ng/u1	100
32) 4-Chloroaniline	11.028	127	347038	9.702	ng/u1#	6
36) 2-Methylnaphthalene	12.622	142	298278	5.296	ng/u1	99
37) 1-Methylnaphthalene	12.839	142	163500	2.928	ng/u1	100
52) Acenaphthene	14.839	153	118257	1.744	ng/u1	100
56) Dibenzofuran	15.175	168	201535	2.111	ng/u1	97
72) Phenanthrene	17.569	178	214827	1.712	ng/u1	99
74) Anthracene	17.569	178	214944	1.690	ng/u1	100
77) Carbazole	17.921	167	116353	1.042	ng/u1	98

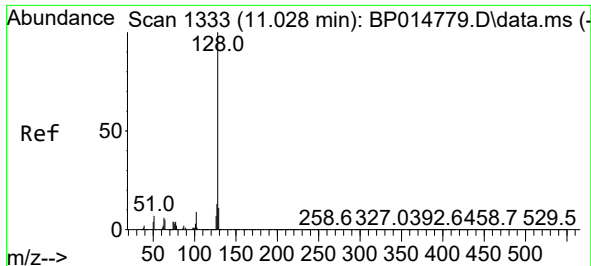
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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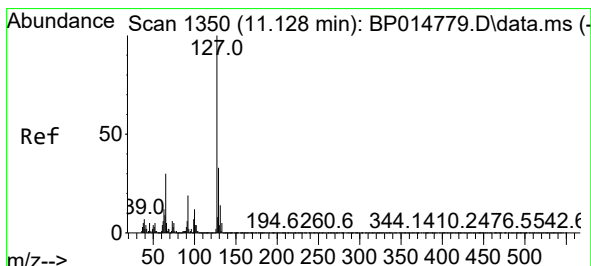
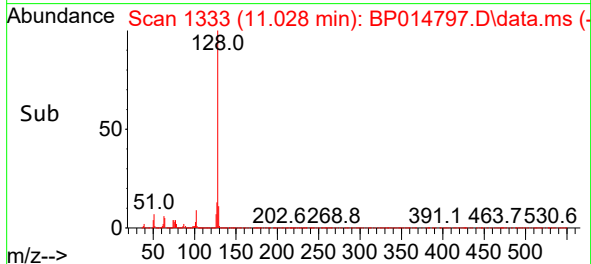
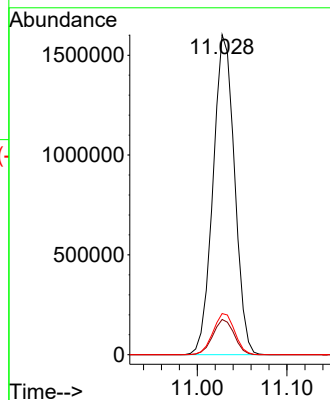
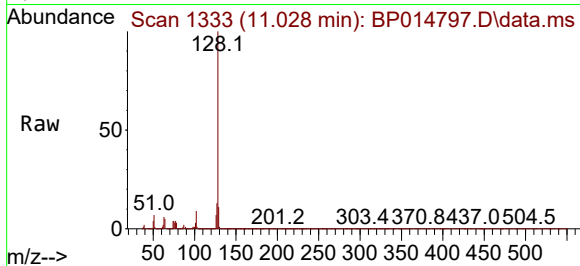




#30
Naphthalene
Concen: 31.544 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014797.D
Acq: 21 Apr 2023 19:10

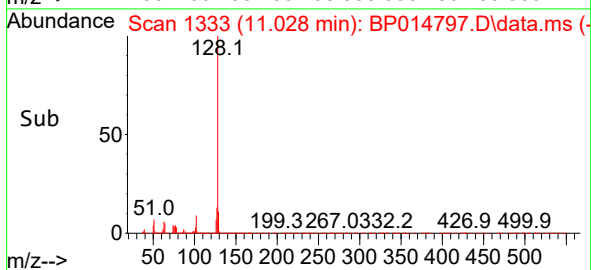
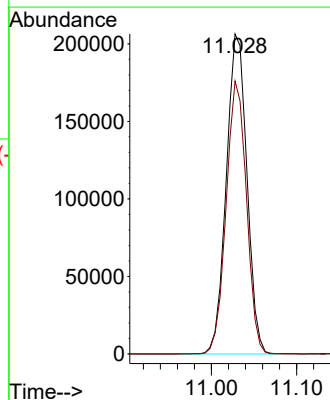
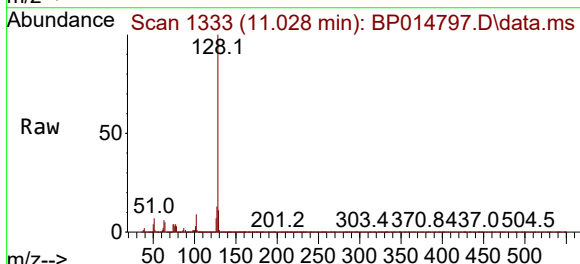
Instrument :
BNA_P
ClientSampleId :
DCBN0DL2

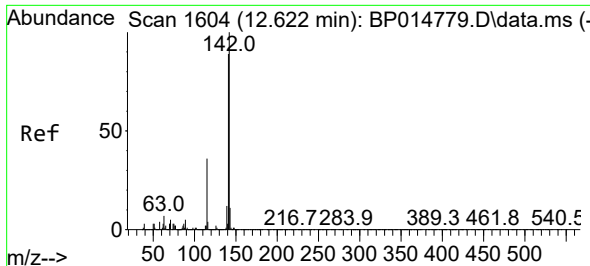
Tgt Ion:128 Resp: 2661359
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 9.702 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.106 min
Lab File: BP014797.D
Acq: 21 Apr 2023 19:10

Tgt Ion:127 Resp: 347038
Ion Ratio Lower Upper
127 100
129 85.3 26.0 39.0#

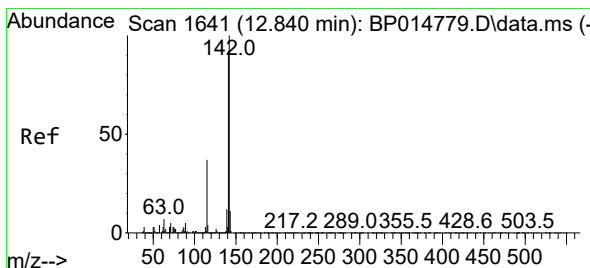
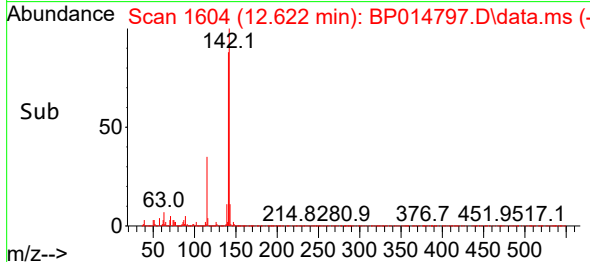
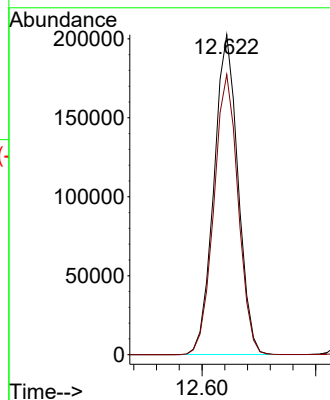
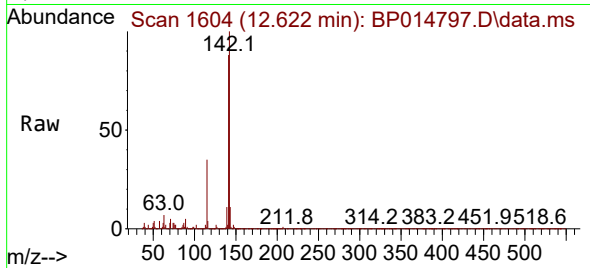




#36
2-Methylnaphthalene
Concen: 5.296 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014797.D
Acq: 21 Apr 2023 19:10

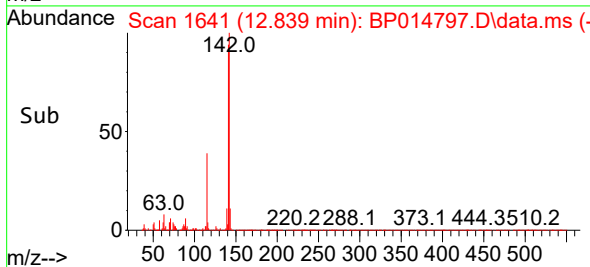
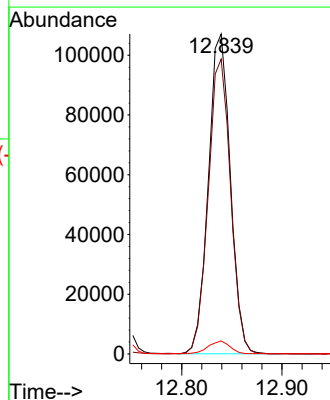
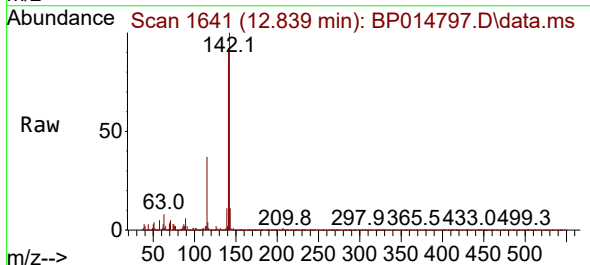
Instrument :
BNA_P
ClientSampleId :
DCBN0DL2

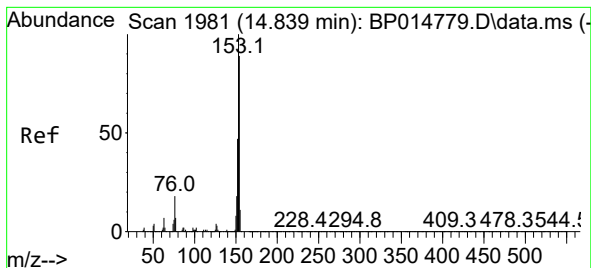
Tgt Ion:142 Resp: 298278
Ion Ratio Lower Upper
142 100
141 87.6 70.9 106.3



#37
1-Methylnaphthalene
Concen: 2.928 ng/ul
RT: 12.839 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014797.D
Acq: 21 Apr 2023 19:10

Tgt Ion:142 Resp: 163500
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6
116 4.0 3.3 4.9





#52

Acenaphthene

Concen: 1.744 ng/ul

RT: 14.839 min Scan# 1981

Delta R.T. -0.006 min

Lab File: BP014797.D

Acq: 21 Apr 2023 19:10

Instrument :

BNA_P

ClientSampleId :

DCBN0DL2

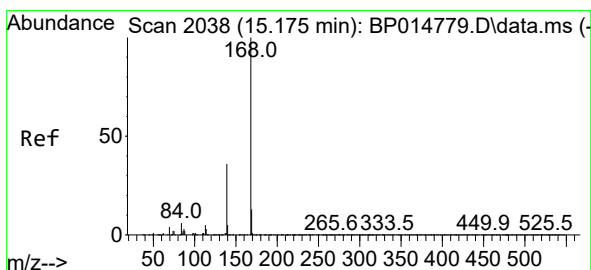
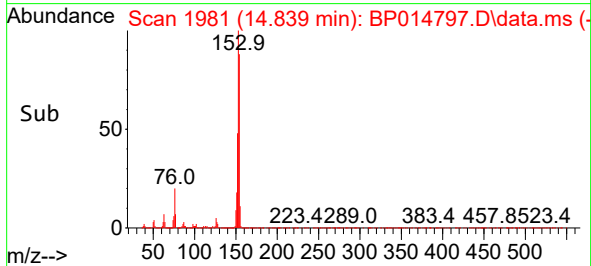
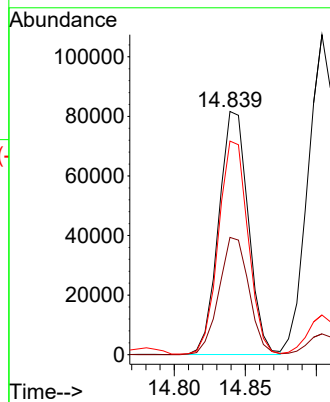
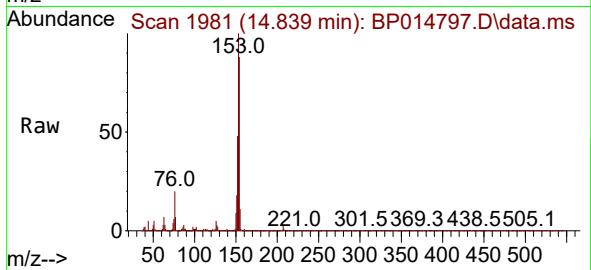
Tgt Ion:153 Resp: 118257

Ion Ratio Lower Upper

153 100

152 48.2 38.4 57.6

154 87.8 69.8 104.8



#56

Dibenzofuran

Concen: 2.111 ng/ul

RT: 15.175 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BP014797.D

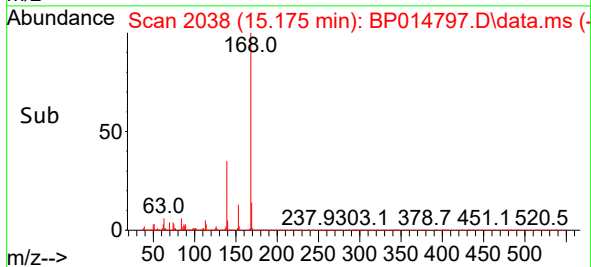
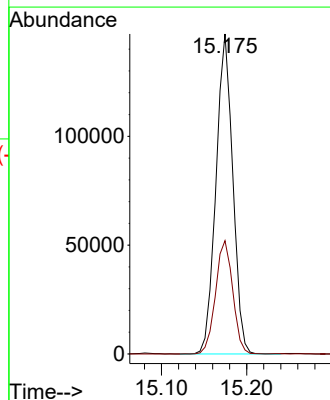
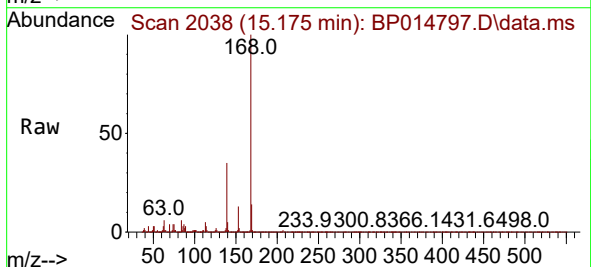
Acq: 21 Apr 2023 19:10

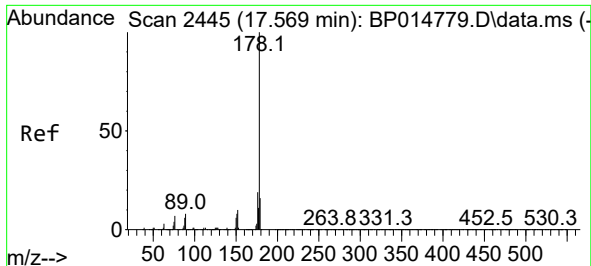
Tgt Ion:168 Resp: 201535

Ion Ratio Lower Upper

168 100

139 35.4 29.8 44.8

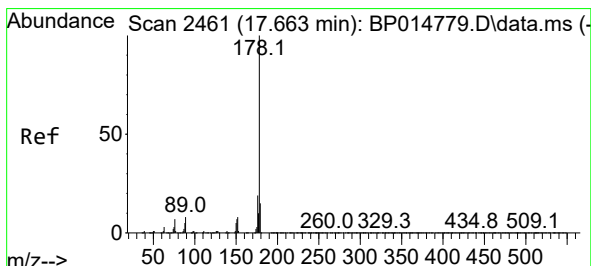
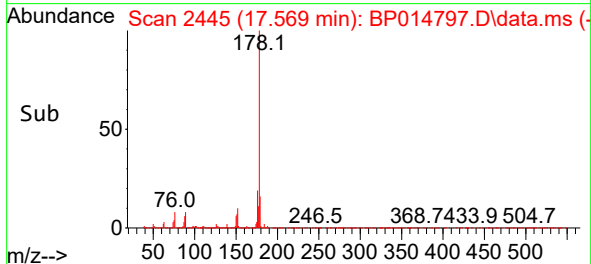
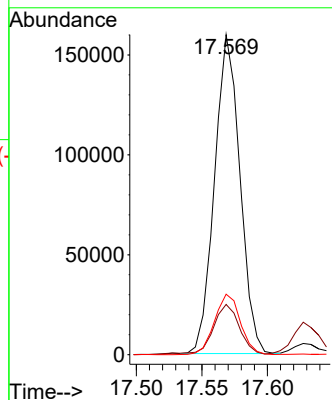
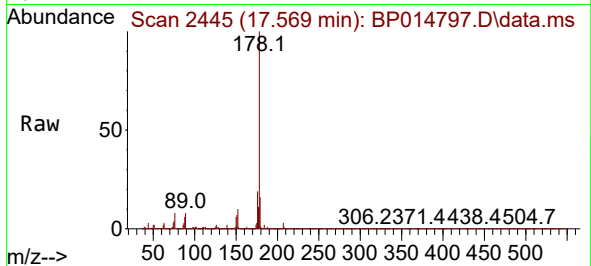




#72
Phenanthrene
Concen: 1.712 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP014797.D
Acq: 21 Apr 2023 19:10

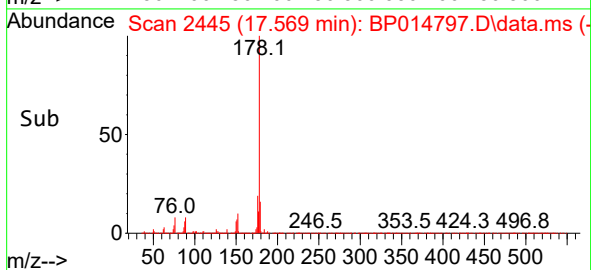
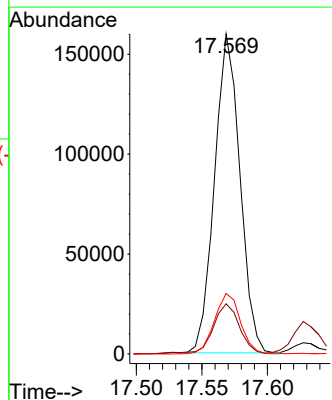
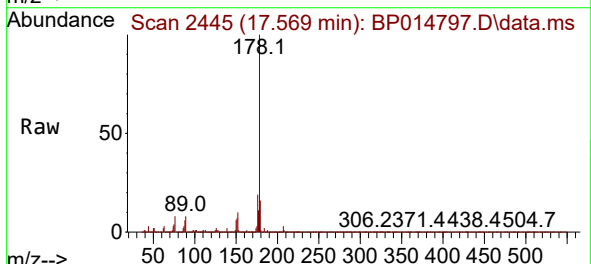
Instrument :
BNA_P
ClientSampleId :
DCBN0DL2

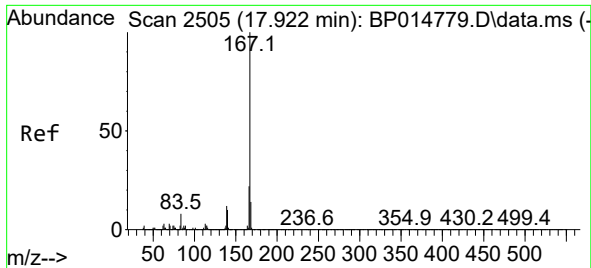
Tgt Ion:178 Resp: 214827
Ion Ratio Lower Upper
178 100
179 15.7 12.1 18.1
176 18.9 15.3 22.9



#74
Anthracene
Concen: 1.690 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.100 min
Lab File: BP014797.D
Acq: 21 Apr 2023 19:10

Tgt Ion:178 Resp: 214944
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 18.9 15.1 22.7





#77

Carbazole

Concen: 1.042 ng/ul

RT: 17.921 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014797.D

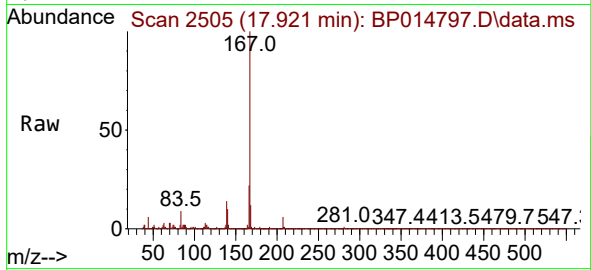
Acq: 21 Apr 2023 19:10

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:167 Resp: 116353

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

139 13.7 10.2 15.2

