

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014771.D
 Acq On : 20 Apr 2023 23:32
 Operator : CG/JU
 Sample : 02296-10DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL4DL

Quant Time: Apr 21 02:53:48 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)

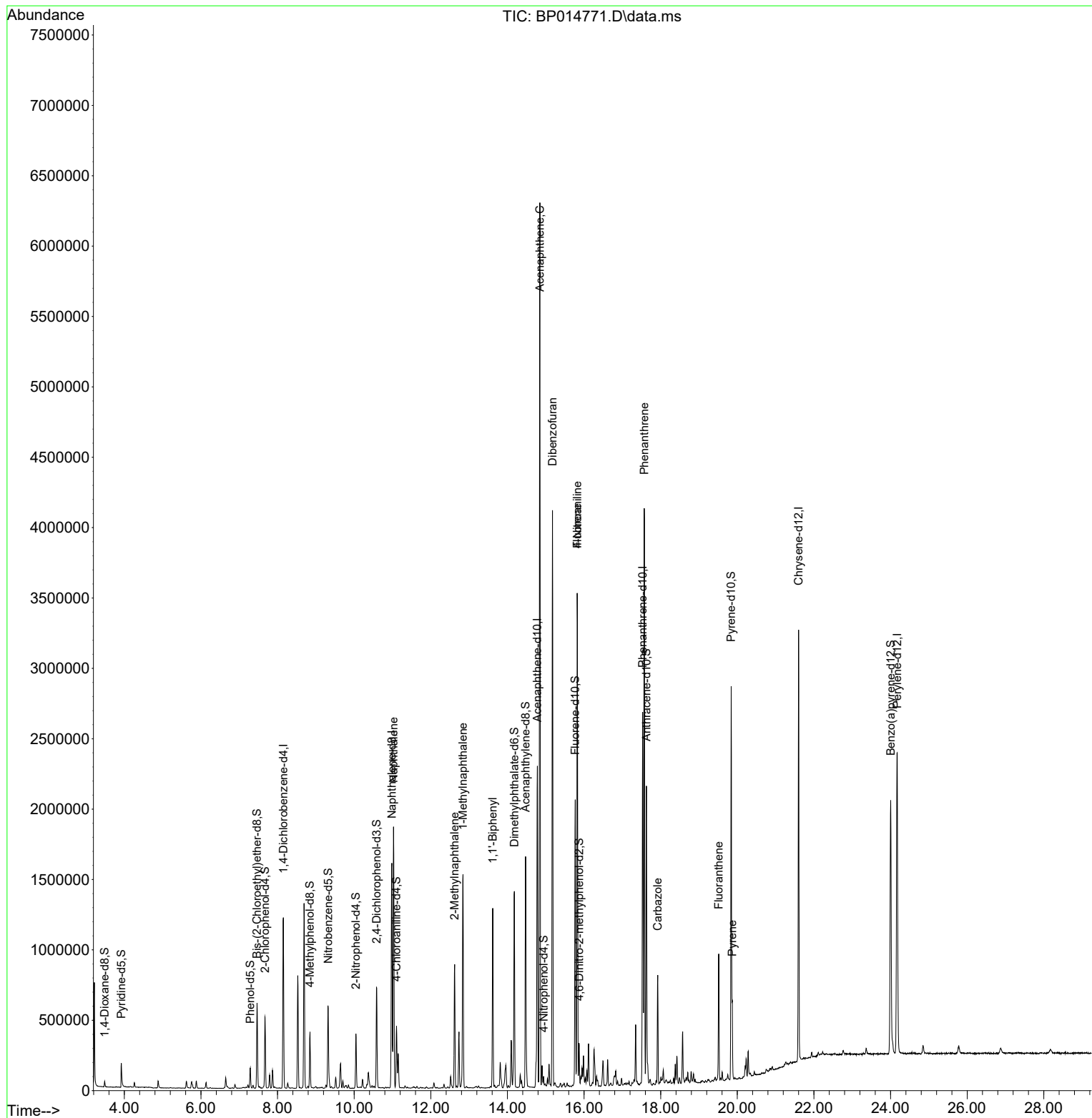
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	331626	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1332063	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	777463	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.527	188	1576487	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1435212	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1722538	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	16858	2.020	ng/uL	0.00
4) Pyridine-d5	3.922	84	91952	4.048	ng/u1	0.00
7) Phenol-d5	7.287	99	70660	2.464	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	258325	14.604	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	226649	10.644	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	138045	6.176	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	131243	15.723	ng/u1	0.00
24) 2-Nitrophenol-d4	10.045	143	116576	15.463	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	251952	12.308	ng/u1	0.00
31) 4-Chloroaniline-d4	11.104	131	222934	7.135	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	899520	14.612	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1027304	14.400	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	14339	1.464	ng/u1	0.00
60) Fluorene-d10	15.769	176	769903	14.575	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	61397	9.624	ng/u1	0.00
73) Anthracene-d10	17.627	188	1157296	15.196	ng/u1	0.00
81) Pyrene-d10	19.839	212	1336678	16.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	1395686	15.633	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	11.028	128	1467946	19.663	ng/u1	99
36) 2-Methylnaphthalene	12.622	142	386275	7.751	ng/u1	99
37) 1-Methylnaphthalene	12.839	142	682450	13.812	ng/u1	100
43) 1,1'-Biphenyl	13.616	154	613723	9.735	ng/u1	99
52) Acenaphthene	14.845	153	2492942	47.288	ng/u1	99
56) Dibenzofuran	15.175	168	2563897	34.555	ng/u1	98
61) Fluorene	15.822	166	1516604	25.040	ng/u1	99
63) 4-Nitroaniline	15.822	138	17181	1.787	ng/u1#	19
72) Phenanthrene	17.574	178	2390926	26.910	ng/u1	100
77) Carbazole	17.922	167	454927	5.753	ng/u1	100
80) Fluoranthene	19.516	202	509880	5.330	ng/u1	99
82) Pyrene	19.868	202	307433	3.037	ng/u1	99

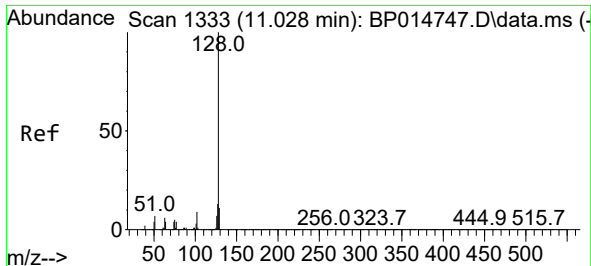
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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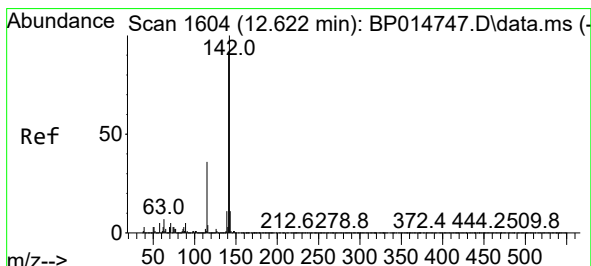
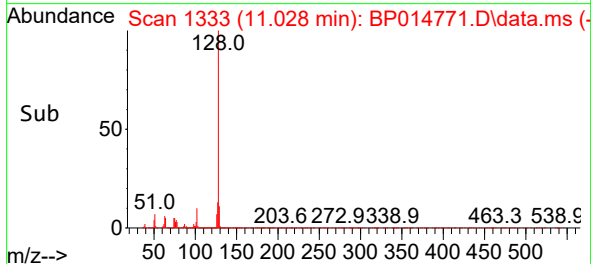
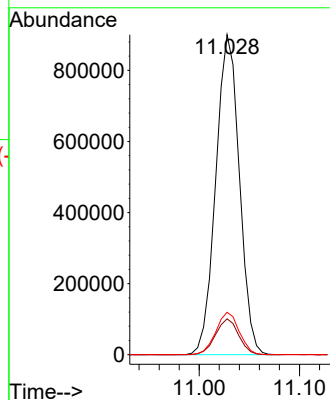
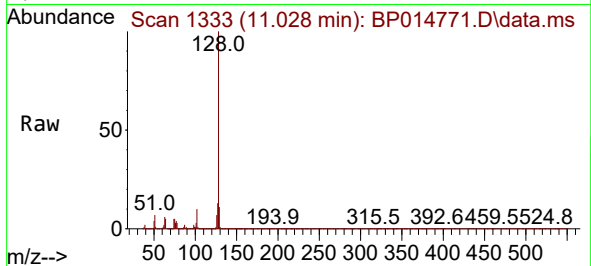




#30
Naphthalene
Concen: 19.663 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

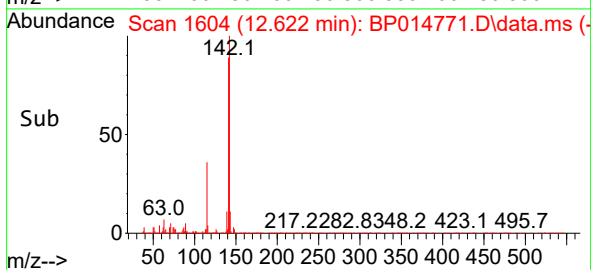
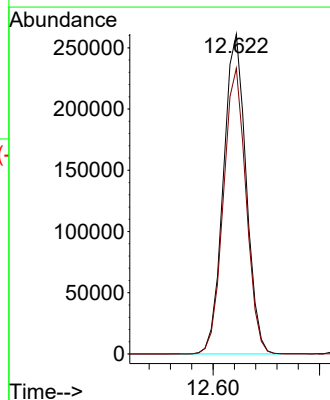
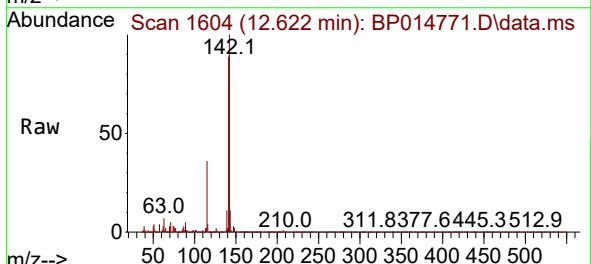
Instrument :
BNA_P
ClientSampleId :
DCBL4DL

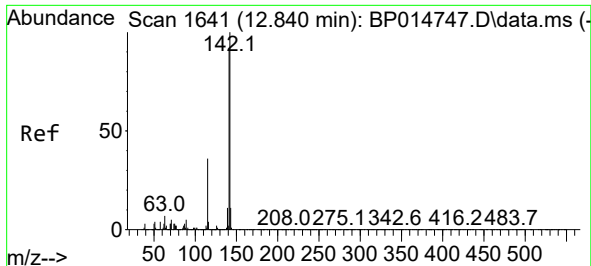
Tgt Ion:128 Resp: 1467946
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.4 15.6



#36
2-Methylnaphthalene
Concen: 7.751 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

Tgt Ion:142 Resp: 386275
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3

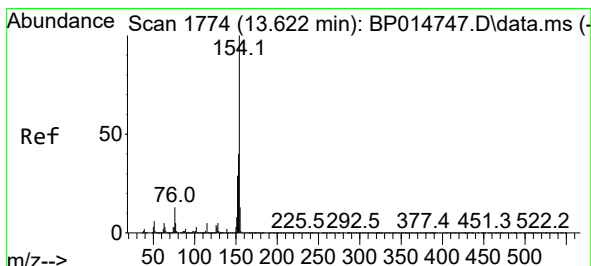
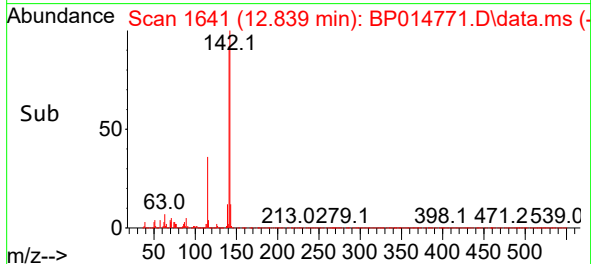
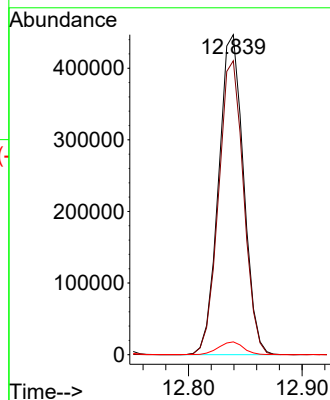
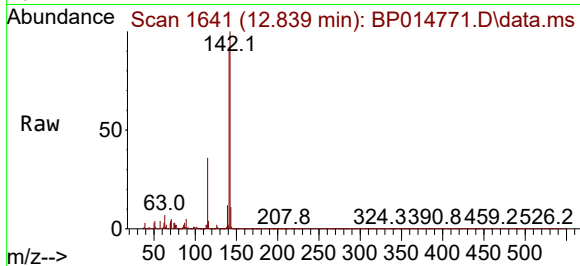




#37
1-Methylnaphthalene
Concen: 13.812 ng/ul
RT: 12.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

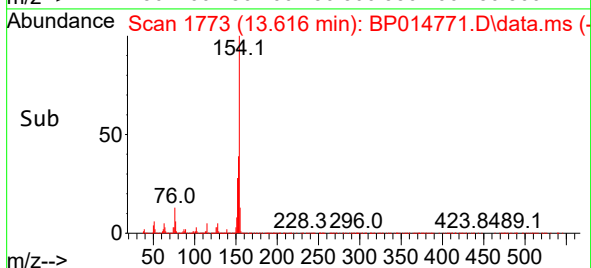
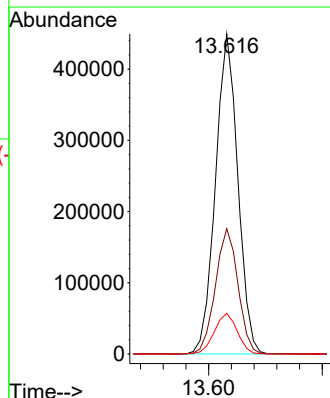
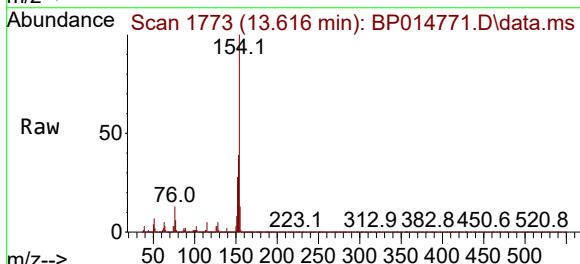
Instrument :
BNA_P
ClientSampleId :
DCBL4DL

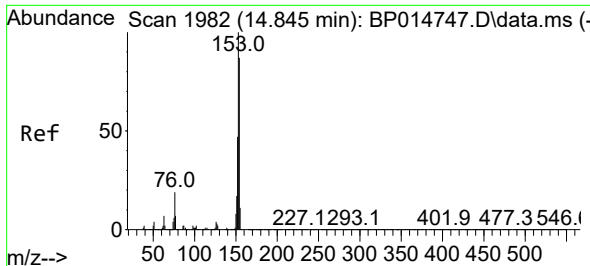
Tgt Ion:142 Resp: 682450
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6
116 4.0 3.3 4.9



#43
1,1'-Biphenyl
Concen: 9.735 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

Tgt Ion:154 Resp: 613723
Ion Ratio Lower Upper
154 100
153 39.1 31.9 47.9
76 12.7 10.8 16.2

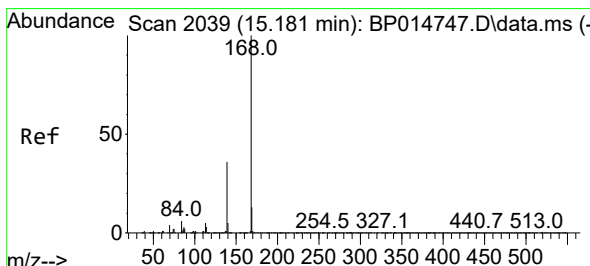
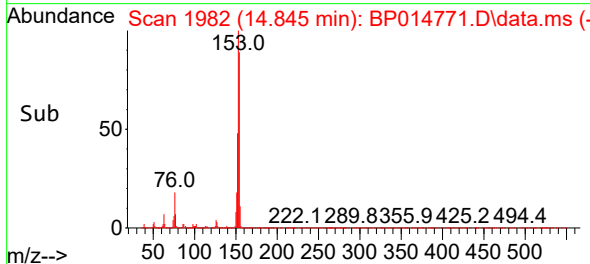
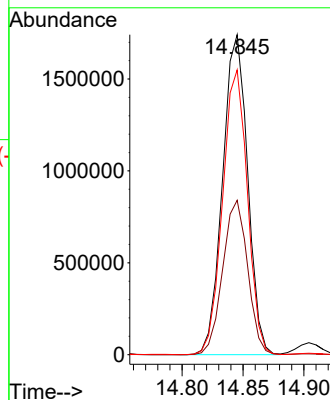
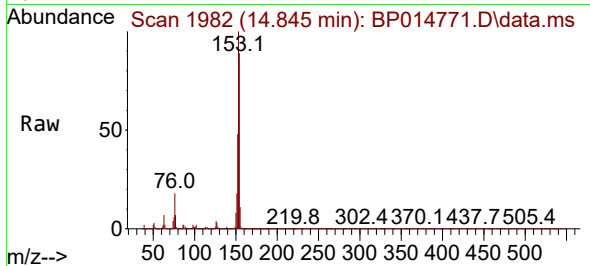




#52
Acenaphthene
Concen: 47.288 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

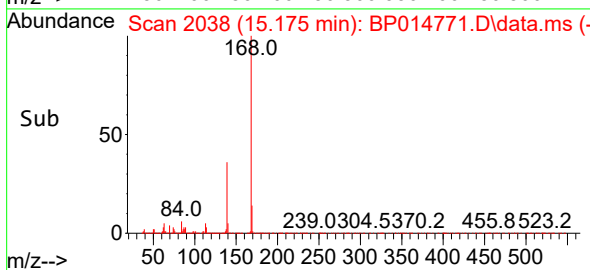
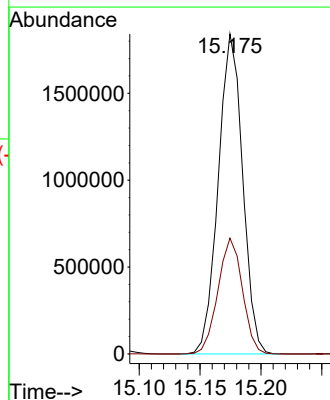
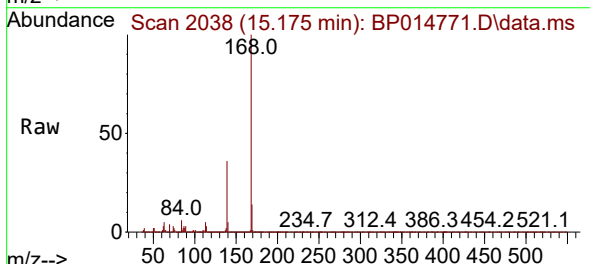
Instrument :
BNA_P
ClientSampleId :
DCBL4DL

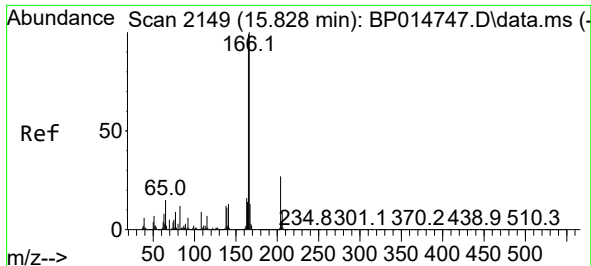
Tgt Ion:153 Resp: 2492942
Ion Ratio Lower Upper
153 100
152 48.3 38.4 57.6
154 89.0 69.8 104.8



#56
Dibenzofuran
Concen: 34.555 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

Tgt Ion:168 Resp: 2563897
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.8

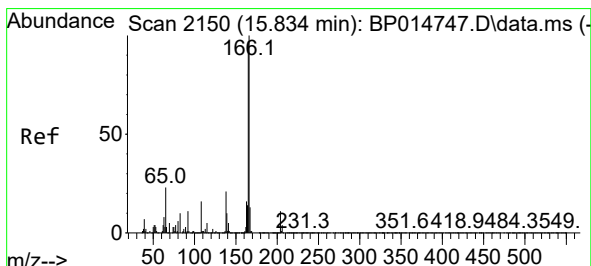
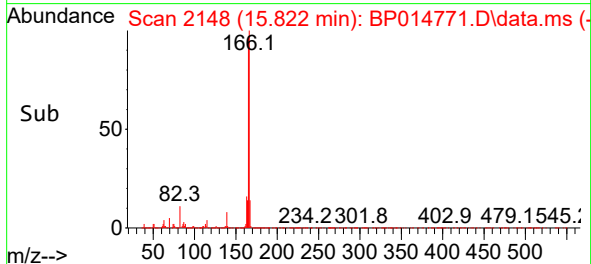
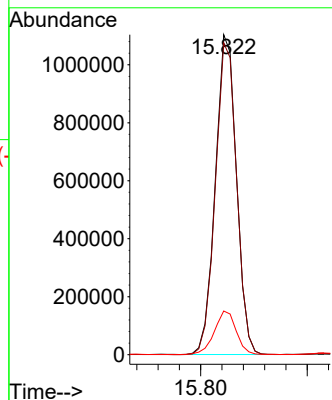
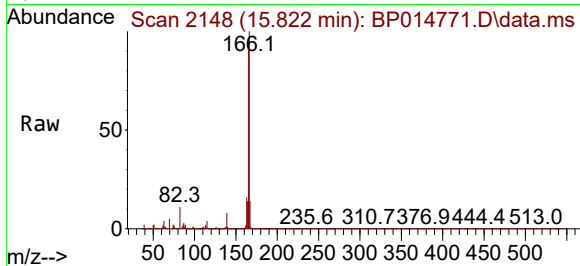




#61
Fluorene
Concen: 25.040 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

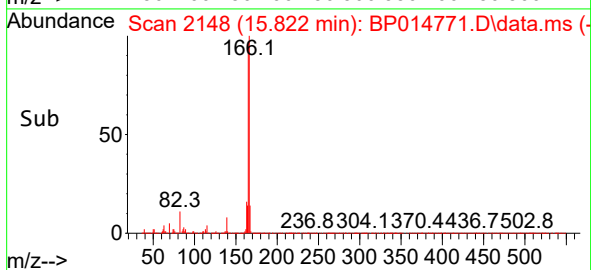
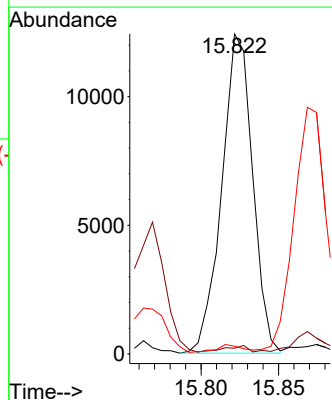
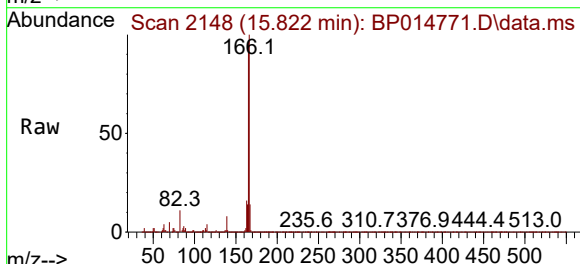
Instrument :
BNA_P
ClientSampleId :
DCBL4DL

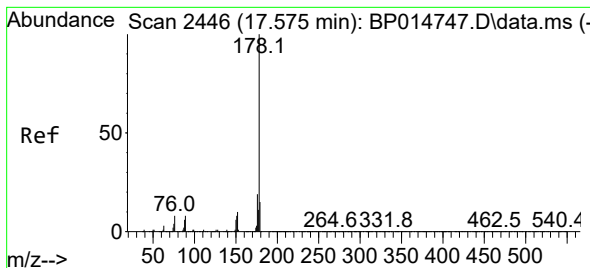
Tgt Ion:166 Resp: 1516604
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.6 10.5 15.7



#63
4-Nitroaniline
Concen: 1.787 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BP014771.D
Acq: 20 Apr 2023 23:32

Tgt Ion:138 Resp: 17181
Ion Ratio Lower Upper
138 100
92 1.8 40.9 61.3#
108 2.4 63.8 95.6#





#72

Phenanthrene

Concen: 26.910 ng/ul

RT: 17.574 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014771.D

Acq: 20 Apr 2023 23:32

Instrument :

BNA_P

ClientSampleId :

DCBL4DL

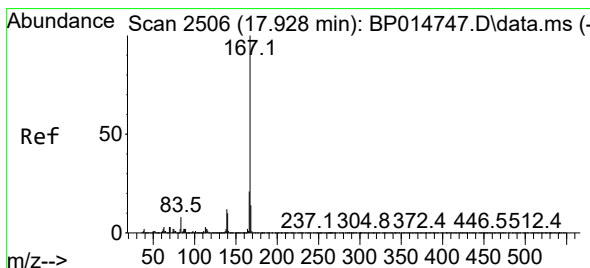
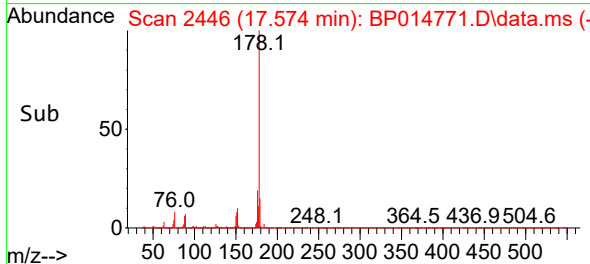
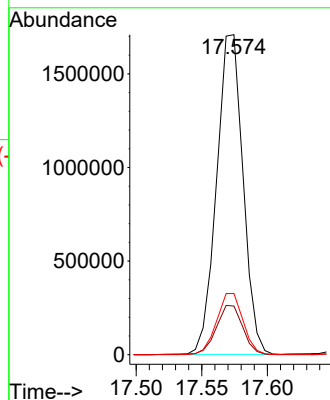
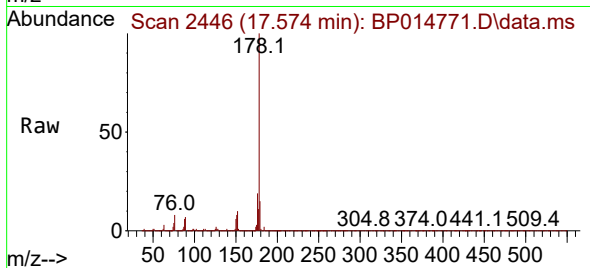
Tgt Ion:178 Resp: 2390926

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 19.1 15.3 22.9



#77

Carbazole

Concen: 5.753 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014771.D

Acq: 20 Apr 2023 23:32

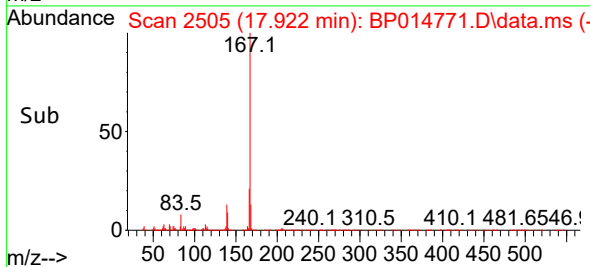
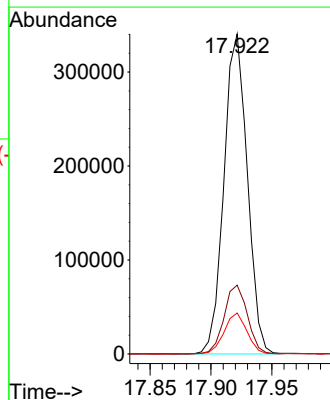
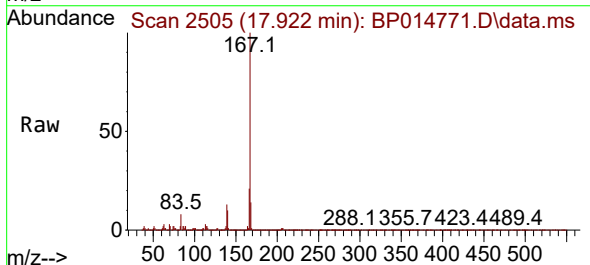
Tgt Ion:167 Resp: 454927

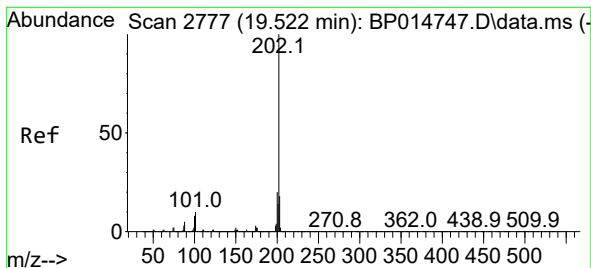
Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.8 10.2 15.2





#80

Fluoranthene

Concen: 5.330 ng/ul

RT: 19.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014771.D

Acq: 20 Apr 2023 23:32

Instrument :

BNA_P

ClientSampleId :

DCBL4DL

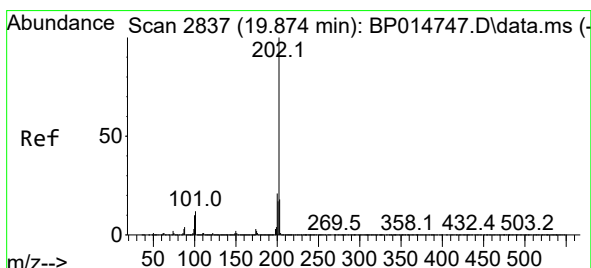
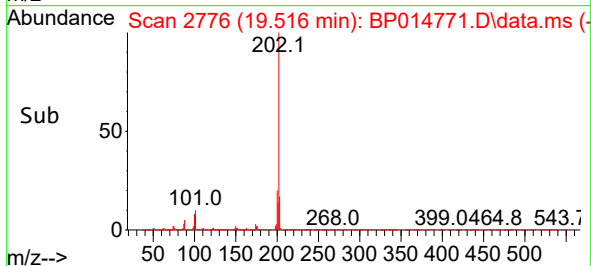
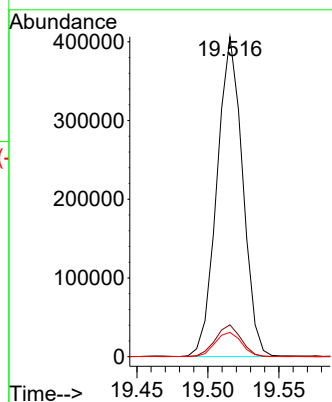
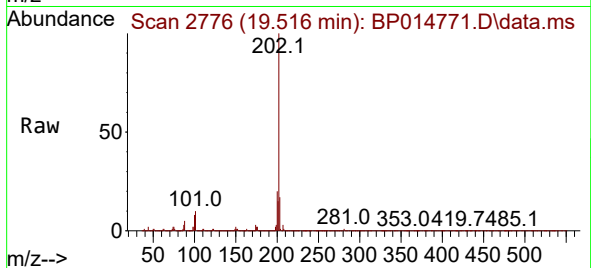
Tgt Ion:202 Resp: 509880

Ion Ratio Lower Upper

202 100

101 10.0 8.4 12.6

100 7.6 6.4 9.6



#82

Pyrene

Concen: 3.037 ng/ul

RT: 19.868 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BP014771.D

Acq: 20 Apr 2023 23:32

Tgt Ion:202 Resp: 307433

Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.0

100 9.6 8.0 12.0

