

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014741.D
 Acq On : 19 Apr 2023 21:44
 Operator : CG/JU
 Sample : 02296-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBK6

Quant Time: Apr 20 02:36:18 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)

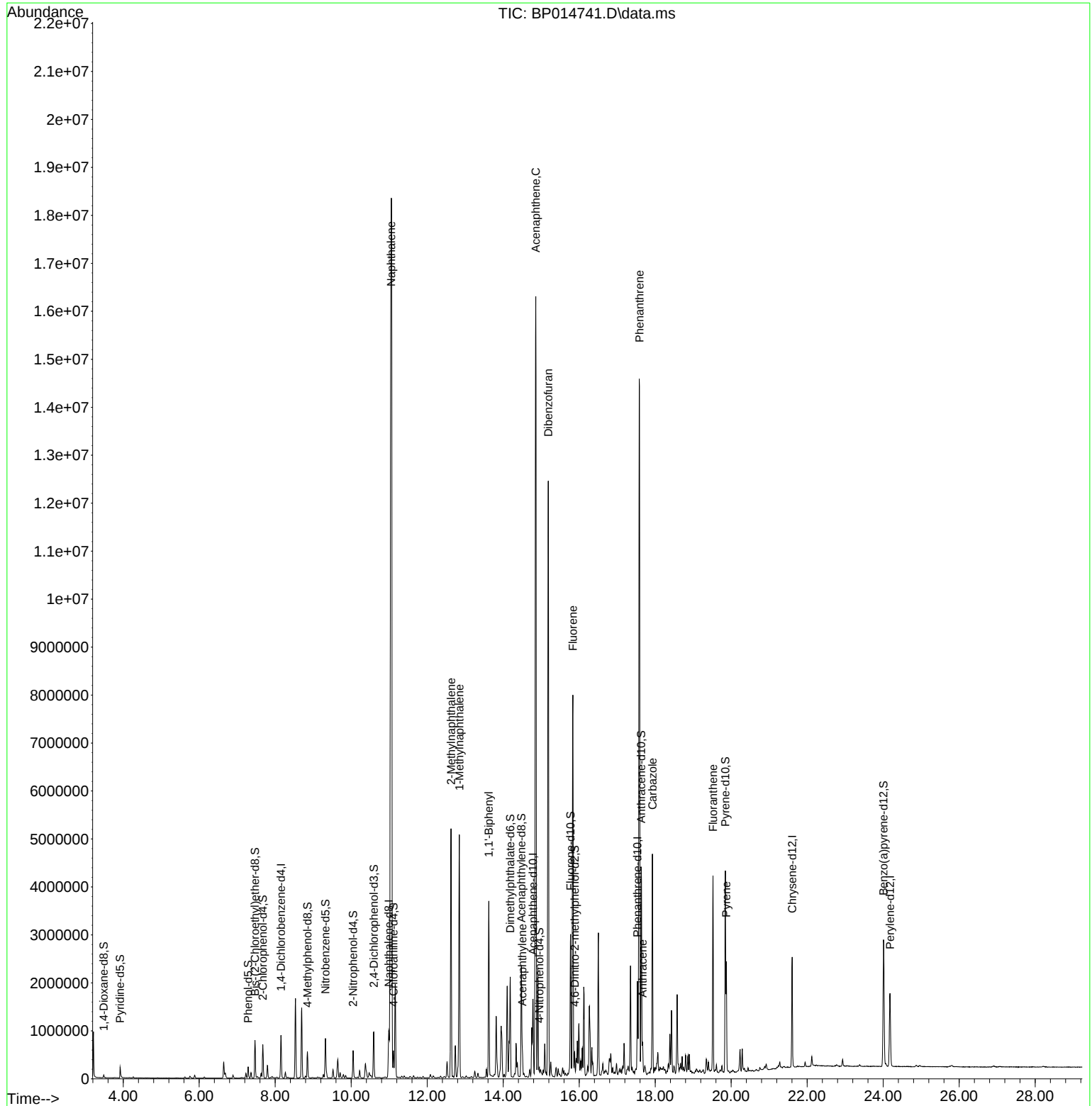
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	241733	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	969381	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	577676	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1181876	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1098048	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1243890	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	28747	4.726	ng/uL	0.00
4) Pyridine-d5	3.917	84	119223	7.200	ng/u1	0.00
7) Phenol-d5	7.287	99	107576	5.147	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	332631	25.797	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	319826	20.605	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	204469	12.549	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	193078	31.786	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	175446	31.979	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	361214	24.248	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	308486	13.568	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	1300821	28.439	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1465772	27.651	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	28640	3.936	ng/u1	0.00
60) Fluorene-d10	15.775	176	1118812	28.506	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	105697	22.099	ng/u1	0.00
73) Anthracene-d10	17.634	188	1741495	30.501	ng/u1	0.00
81) Pyrene-d10	19.845	212	2016777	32.063	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	2045837	31.733	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.052	128	24528668	451.490	ng/u1	96
36) 2-Methylnaphthalene	12.628	142	2409485	66.434	ng/u1	99
37) 1-Methylnaphthalene	12.846	142	2315785	64.406	ng/u1	99
43) 1,1'-Biphenyl	13.622	154	1835753	39.190	ng/u1	99
50) Acenaphthylene	14.504	152	77378	1.347	ng/u1#	73
52) Acenaphthene	14.857	153	8156270	208.220	ng/u1	98
56) Dibenzofuran	15.187	168	8416295	152.659	ng/u1	100
61) Fluorene	15.834	166	3767329	83.713	ng/u1	100
72) Phenanthrene	17.586	178	10305158	154.710	ng/u1	98
74) Anthracene	17.669	178	366652	5.430	ng/u1	99
77) Carbazole	17.928	167	2721088	45.901	ng/u1	99
80) Fluoranthene	19.522	202	2331716	31.861	ng/u1	100
82) Pyrene	19.875	202	1288350	16.636	ng/u1	99

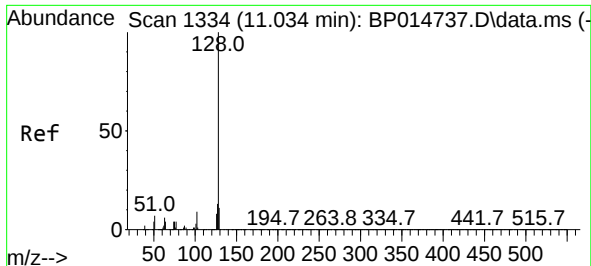
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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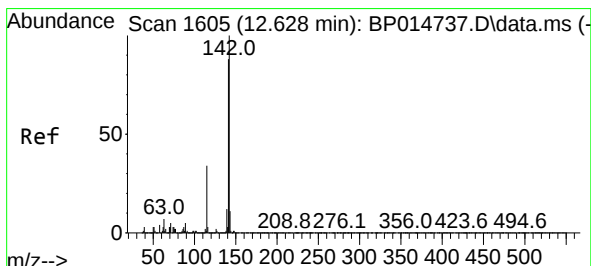
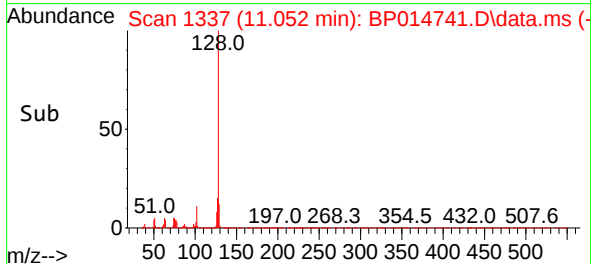
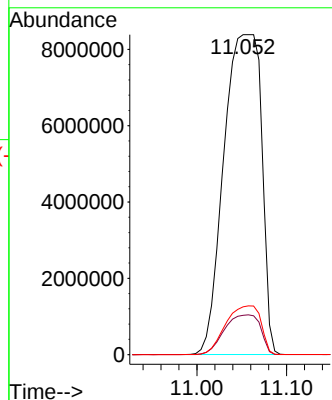
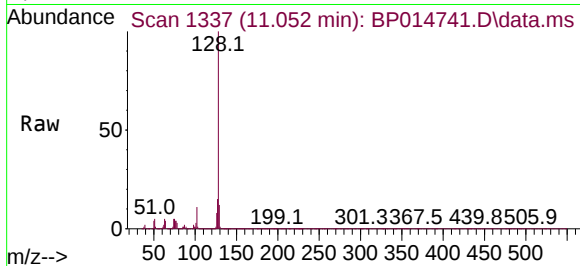




#30
Naphthalene
Concen: 451.490 ng/ul
RT: 11.052 min Scan# 1337
Delta R.T. 0.018 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

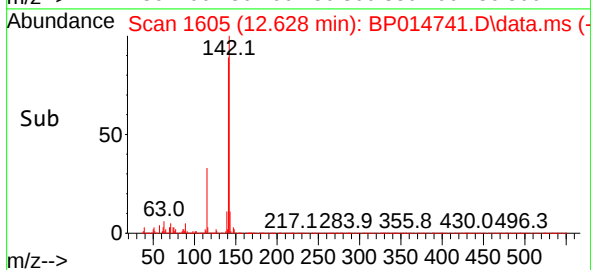
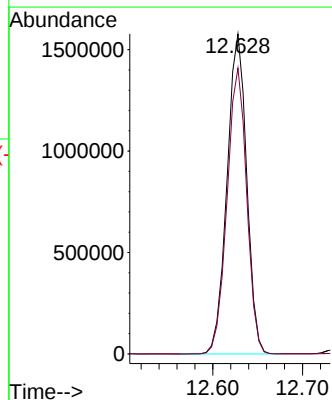
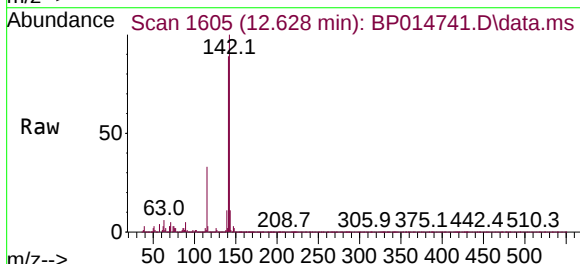
Instrument :
BNA_P
ClientSampleId :
DCBK6

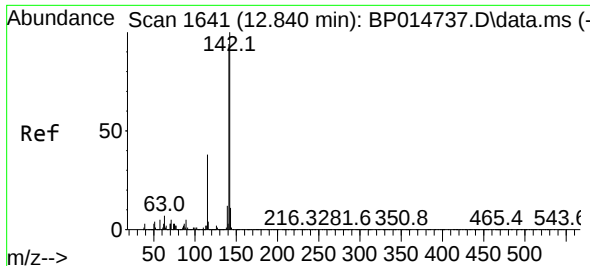
Tgt Ion:128 Resp:24528668
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 14.9 10.4 15.6



#36
2-Methylnaphthalene
Concen: 66.434 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

Tgt Ion:142 Resp: 2409485
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3

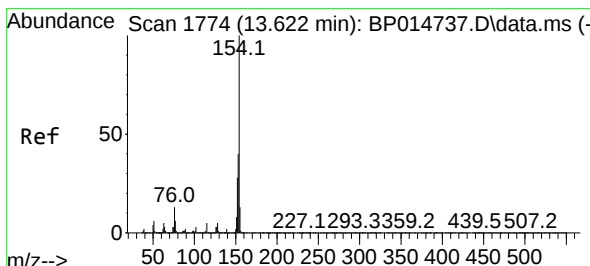
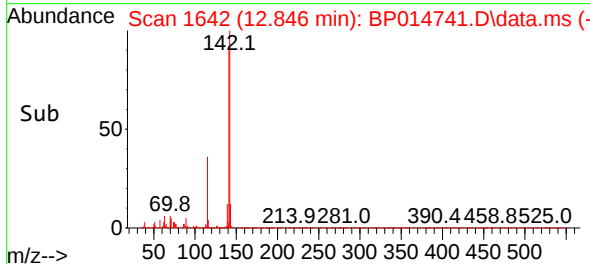
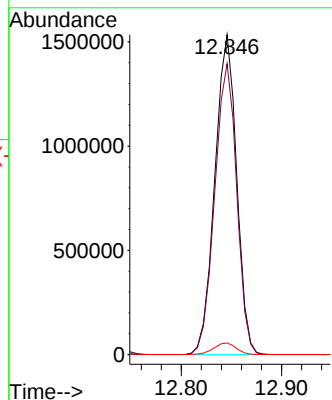
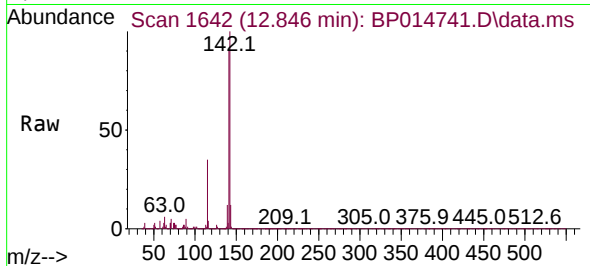




#37
1-Methylnaphthalene
Concen: 64.406 ng/ul
RT: 12.846 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

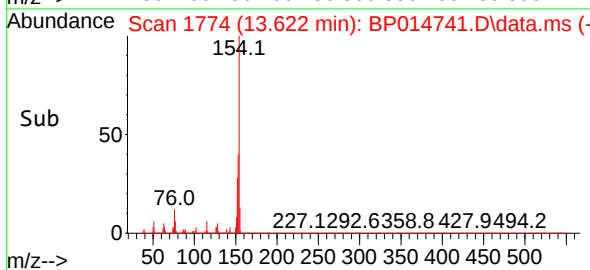
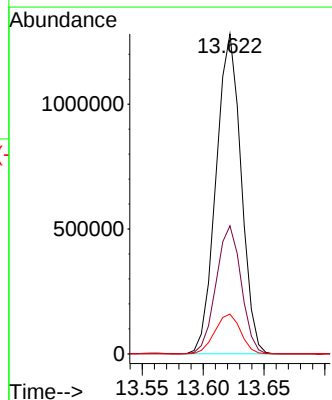
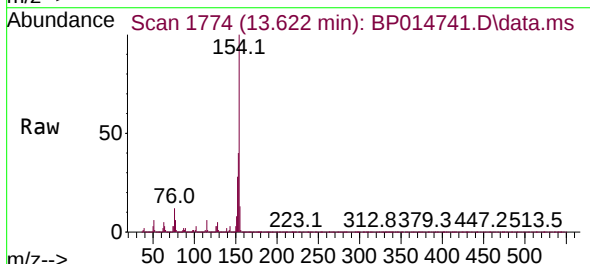
Instrument :
BNA_P
ClientSampleId :
DCBK6

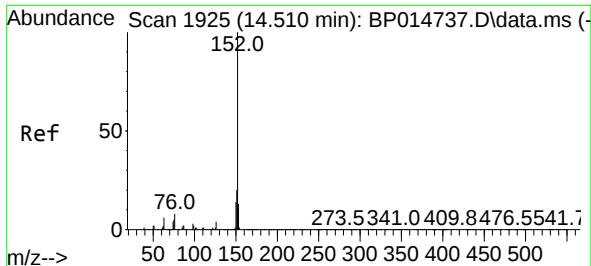
Tgt Ion:142 Resp: 2315785
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.6
116 3.6 3.3 4.9



#43
1,1'-Biphenyl
Concen: 39.190 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

Tgt Ion:154 Resp: 1835753
Ion Ratio Lower Upper
154 100
153 40.0 31.9 47.9
76 12.4 10.8 16.2

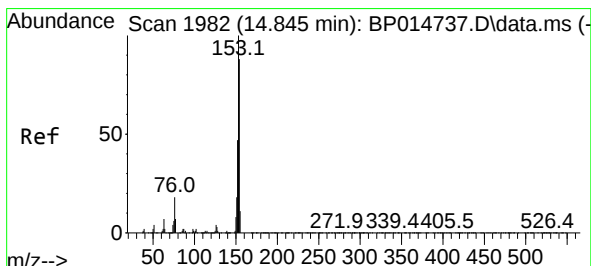
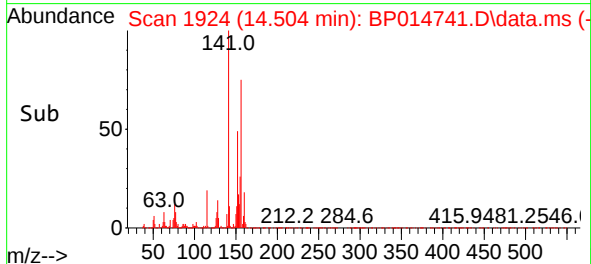
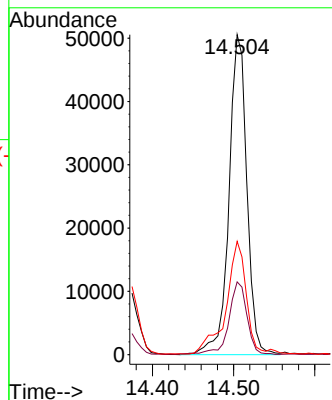
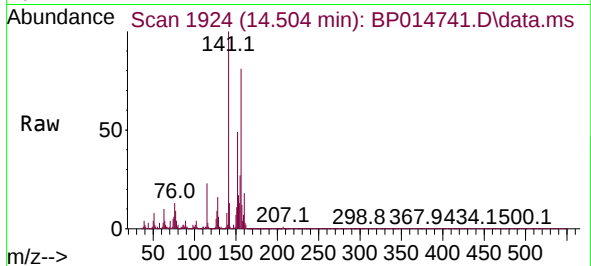




#50
Acenaphthylene
Concen: 1.347 ng/ul
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

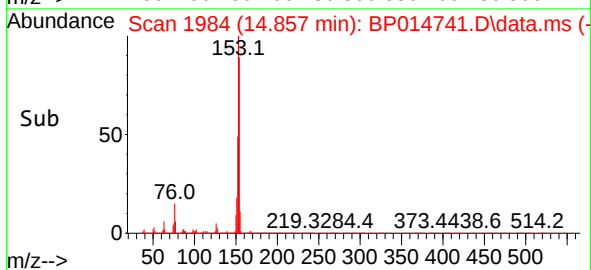
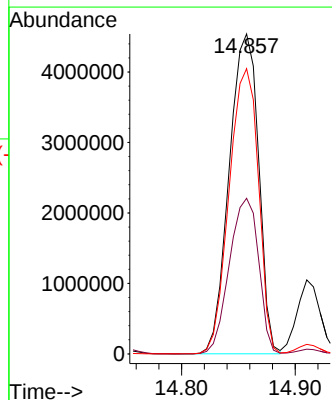
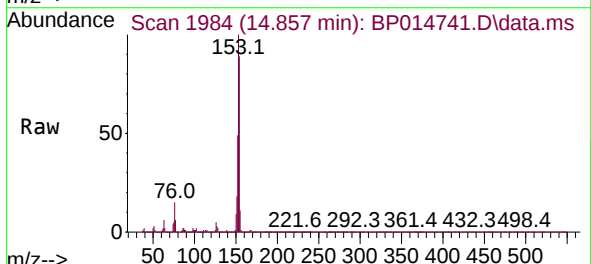
Instrument :
BNA_P
ClientSampleId :
DCBK6

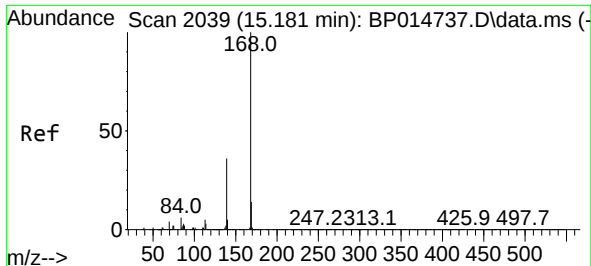
Tgt Ion:152 Resp: 77378
Ion Ratio Lower Upper
152 100
151 22.7 15.7 23.5
153 35.4 10.0 15.0#



#52
Acenaphthene
Concen: 208.220 ng/ul
RT: 14.857 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

Tgt Ion:153 Resp: 8156270
Ion Ratio Lower Upper
153 100
152 48.6 38.4 57.6
154 89.1 69.8 104.8

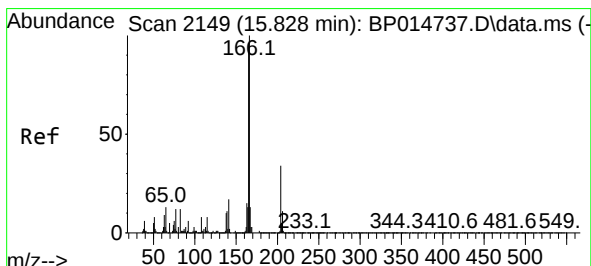
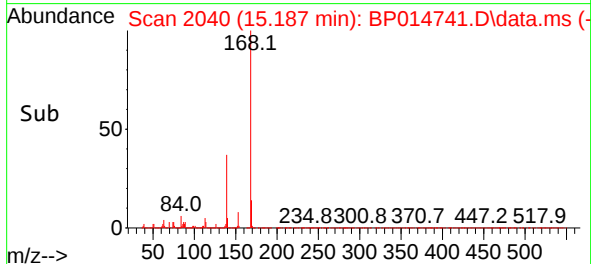
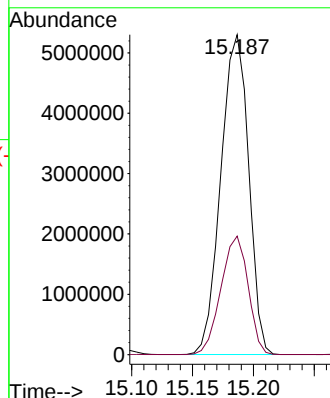
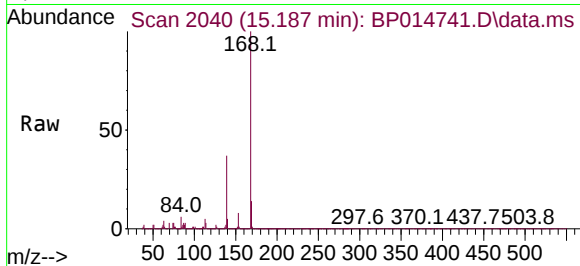




#56
Dibenzofuran
Concen: 152.659 ng/ul
RT: 15.187 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

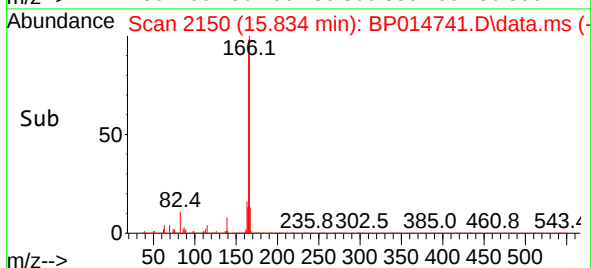
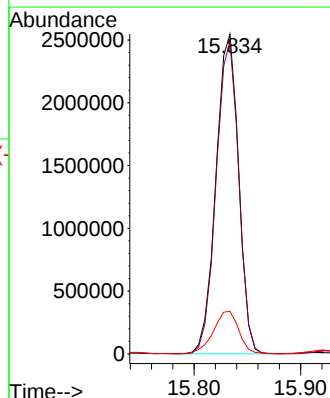
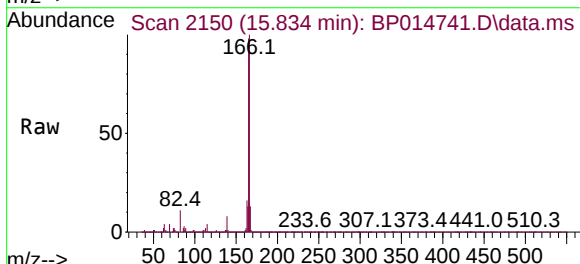
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BNA_P
ClientSampleId :
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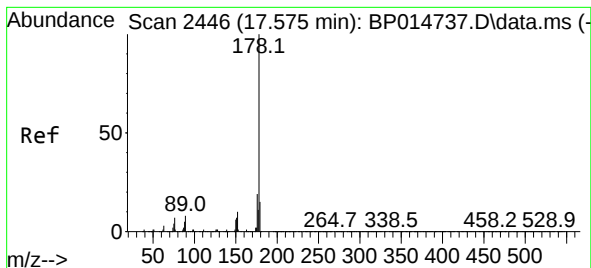
Tgt Ion:168 Resp: 8416295
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8



#61
Fluorene
Concen: 83.713 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP014741.D
Acq: 19 Apr 2023 21:44

Tgt Ion:166 Resp: 3767329
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 13.3 10.5 15.7





#72

Phenanthrene

Concen: 154.710 ng/ul

RT: 17.586 min Scan# 2446

Delta R.T. 0.012 min

Lab File: BP014741.D

Acq: 19 Apr 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCBK6

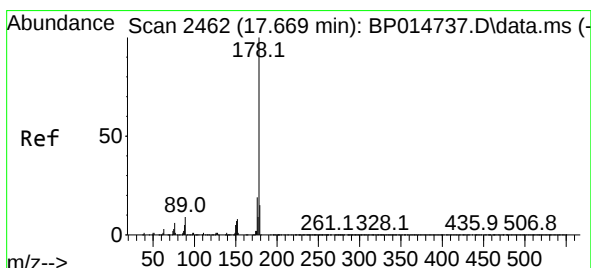
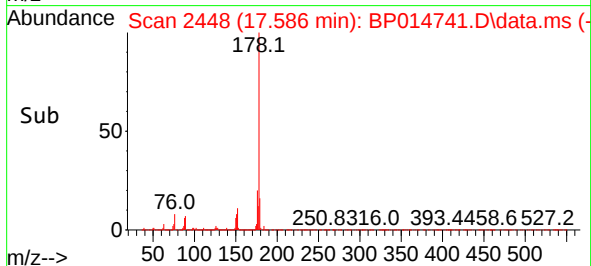
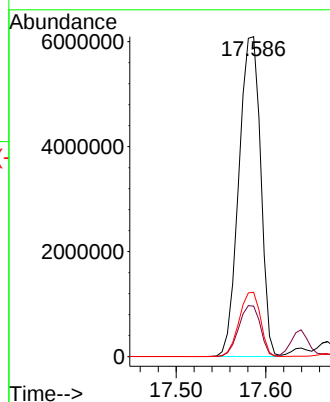
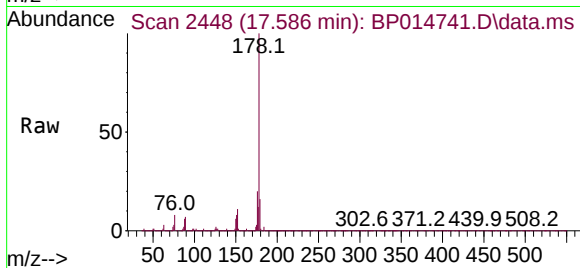
Tgt Ion:178 Resp:10305158

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

176 20.1 15.3 22.9



#74

Anthracene

Concen: 5.430 ng/ul

RT: 17.669 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BP014741.D

Acq: 19 Apr 2023 21:44

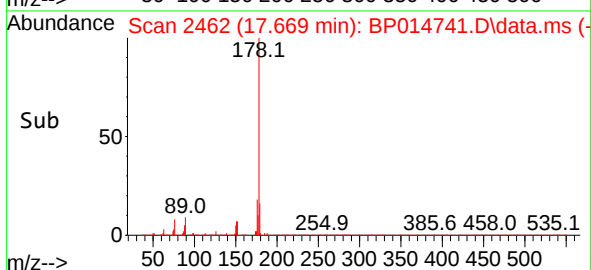
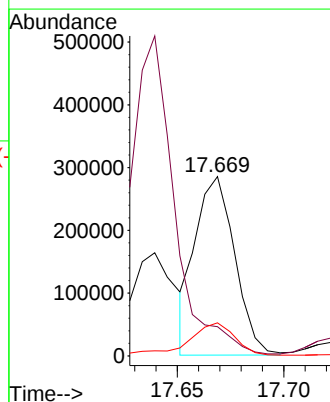
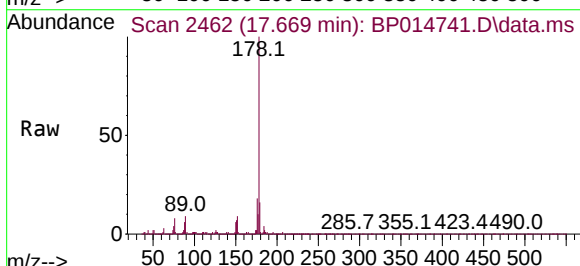
Tgt Ion:178 Resp: 366652

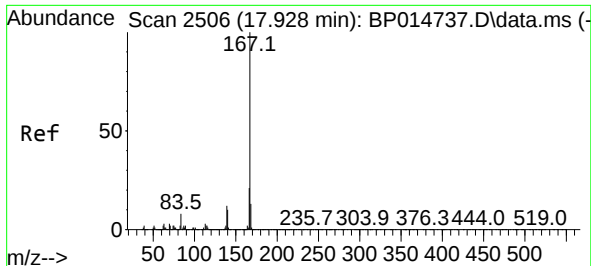
Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 18.4 15.1 22.7

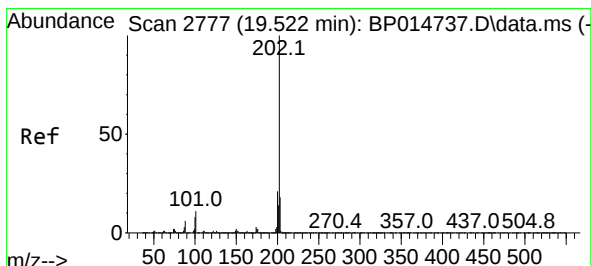
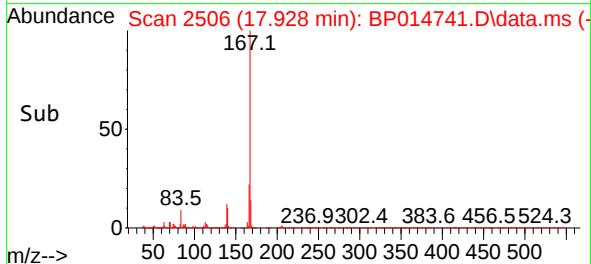
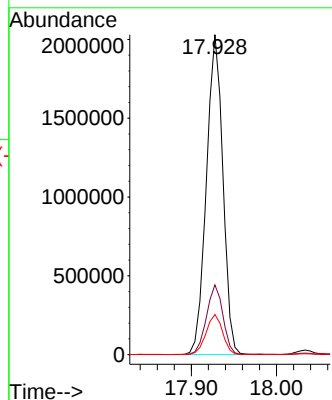
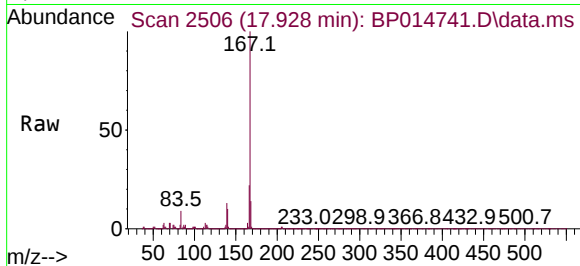




#77
 Carbazole
 Concen: 45.901 ng/ul
 RT: 17.928 min Scan# 2506
 Delta R.T. -0.000 min
 Lab File: BP014741.D
 Acq: 19 Apr 2023 21:44

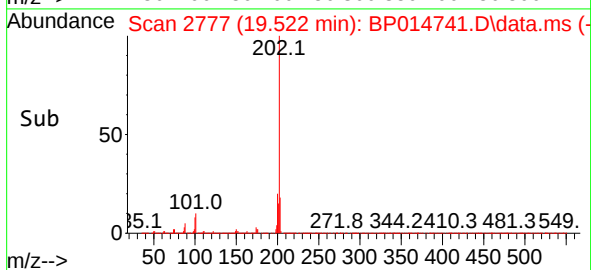
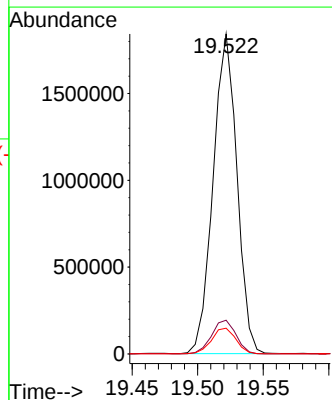
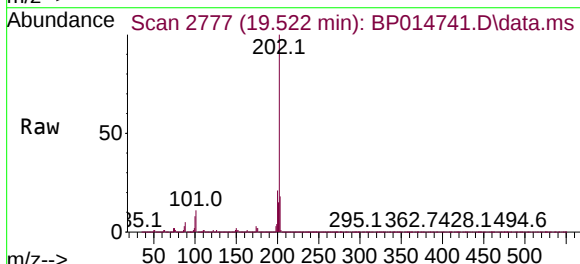
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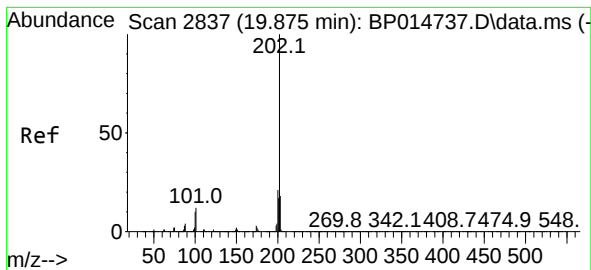
Tgt Ion:167 Resp: 2721088
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 12.5 10.2 15.2



#80
 Fluoranthene
 Concen: 31.861 ng/ul
 RT: 19.522 min Scan# 2777
 Delta R.T. -0.000 min
 Lab File: BP014741.D
 Acq: 19 Apr 2023 21:44

Tgt Ion:202 Resp: 2331716
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.4 12.6
 100 8.0 6.4 9.6





#82

Pyrene

Concen: 16.636 ng/ul

RT: 19.875 min Scan# 2837

Delta R.T. -0.000 min

Lab File: BP014741.D

Acq: 19 Apr 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCBK6

Tgt Ion:202 Resp: 1288350

Ion Ratio Lower Upper

202 100

101 12.4 9.4 14.0

100 10.3 8.0 12.0

