

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014739.D
 Acq On : 19 Apr 2023 20:37
 Operator : CG/JU
 Sample : 02296-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL4

Quant Time: Apr 20 02:35:43 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)

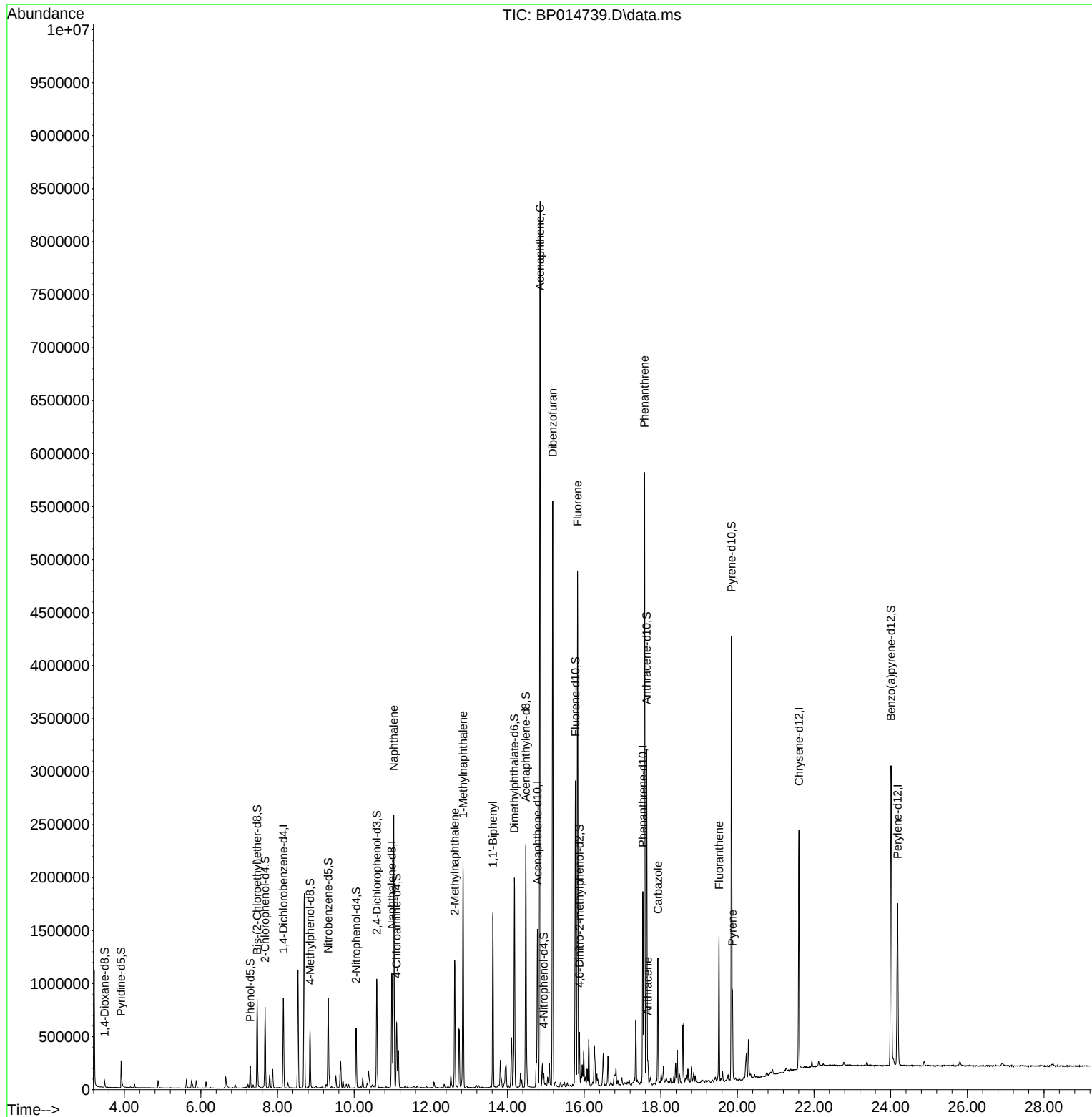
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	225115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	880045	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	507991	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1082222	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1056744	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1231599	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	25532	4.508	ng/uL	0.00
4) Pyridine-d5	3.917	84	133204	8.638	ng/u1	0.00
7) Phenol-d5	7.287	99	102286	5.255	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	354486	29.522	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	328310	22.713	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	199324	13.136	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	194454	35.262	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	170594	34.251	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	358422	26.503	ng/u1	0.00
31) 4-Chloroaniline-d4	11.104	131	329836	15.979	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	1272710	31.641	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1476230	31.669	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	22458	3.510	ng/u1	0.00
60) Fluorene-d10	15.775	176	1095072	31.728	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	98906	22.583	ng/u1	0.00
73) Anthracene-d10	17.634	188	1729726	33.085	ng/u1	0.00
81) Pyrene-d10	19.845	212	2074280	34.266	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	2216130	34.718	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.034	128	2060549	41.778	ng/u1	100
36) 2-Methylnaphthalene	12.622	142	542244	16.468	ng/u1	97
37) 1-Methylnaphthalene	12.840	142	950277	29.112	ng/u1	99
43) 1,1'-Biphenyl	13.622	154	854683	20.749	ng/u1	99
52) Acenaphthene	14.851	153	3392059	98.474	ng/u1	99
56) Dibenzofuran	15.181	168	3552048	73.267	ng/u1	97
61) Fluorene	15.828	166	2149481	54.315	ng/u1	100
72) Phenanthrene	17.575	178	3472603	56.934	ng/u1	99
74) Anthracene	17.663	178	120390	1.947	ng/u1	99
77) Carbazole	17.928	167	712534	13.126	ng/u1	100
80) Fluoranthene	19.522	202	791436	11.237	ng/u1	100
82) Pyrene	19.875	202	475213	6.376	ng/u1	99

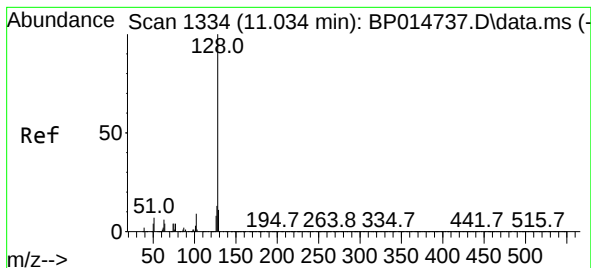
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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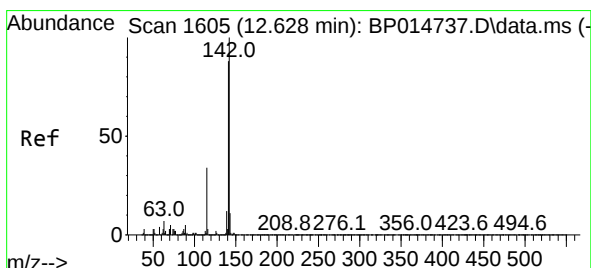
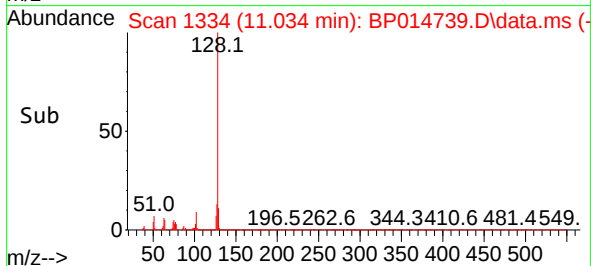
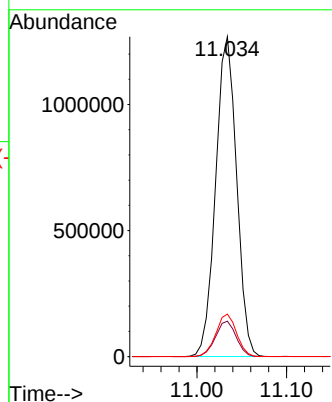
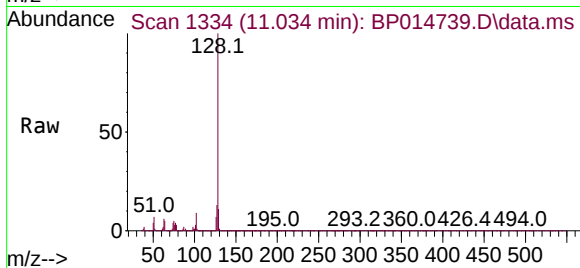




#30
Naphthalene
Concen: 41.778 ng/ul
RT: 11.034 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BP014739.D
Acq: 19 Apr 2023 20:37

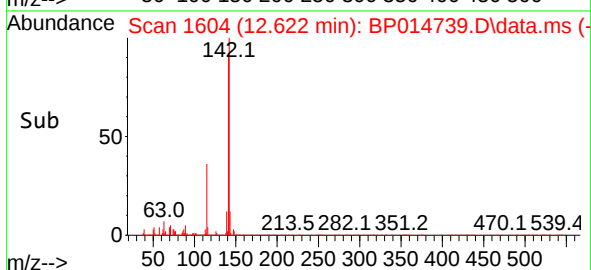
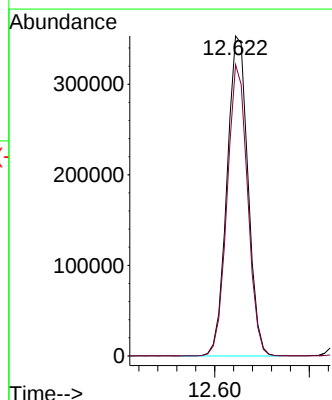
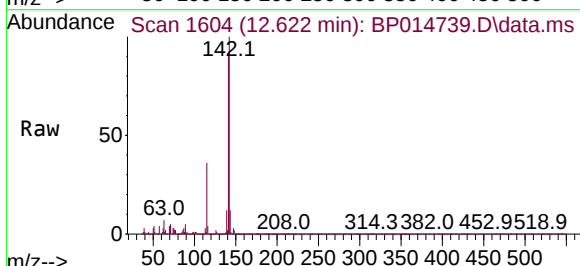
Instrument :
BNA_P
ClientSampleId :
DCBL4

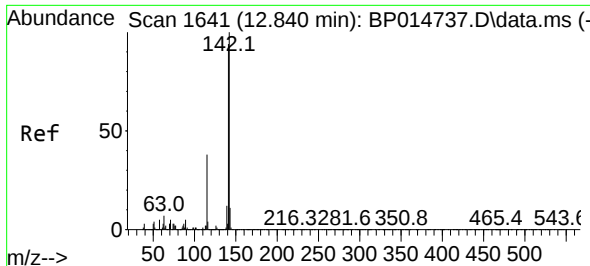
Tgt Ion:128 Resp: 2060549
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.4 15.6



#36
2-Methylnaphthalene
Concen: 16.468 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014739.D
Acq: 19 Apr 2023 20:37

Tgt Ion:142 Resp: 542244
Ion Ratio Lower Upper
142 100
141 91.0 70.9 106.3

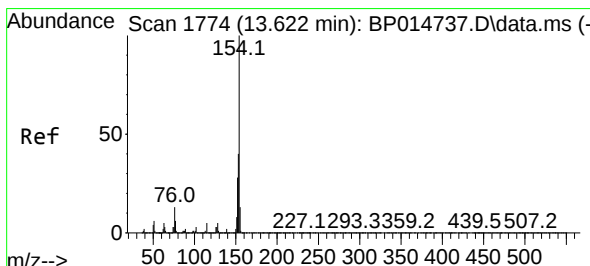
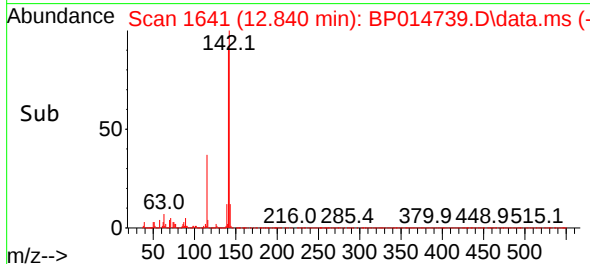
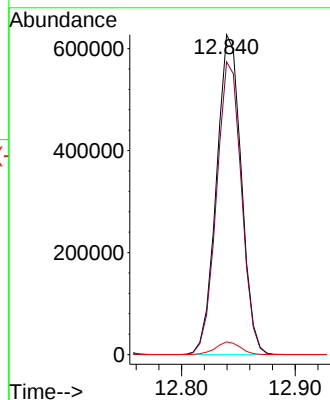
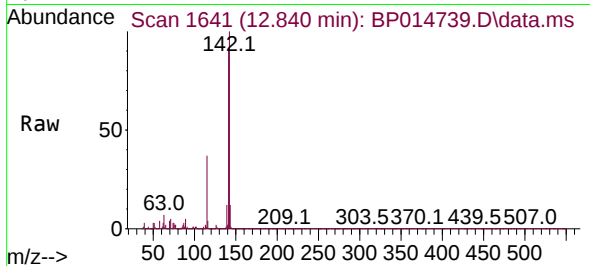




#37
1-Methylnaphthalene
Concen: 29.112 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014739.D
Acq: 19 Apr 2023 20:37

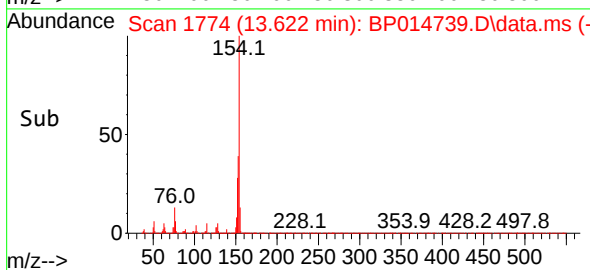
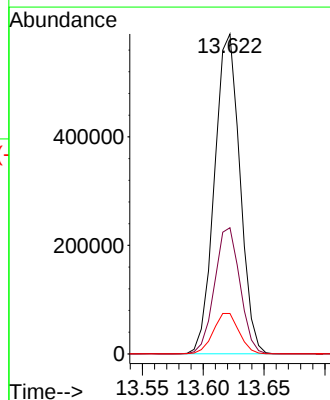
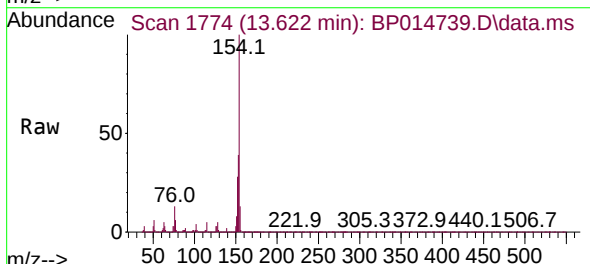
Instrument :
BNA_P
ClientSampleId :
DCBL4

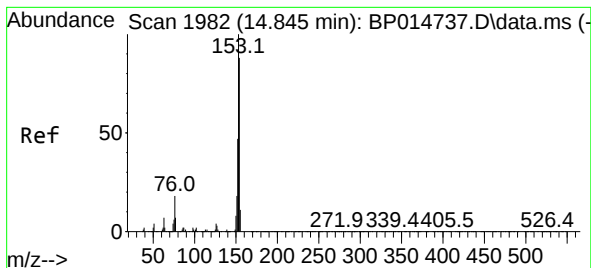
Tgt Ion:142 Resp: 950277
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6
116 4.0 3.3 4.9



#43
1,1'-Biphenyl
Concen: 20.749 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BP014739.D
Acq: 19 Apr 2023 20:37

Tgt Ion:154 Resp: 854683
Ion Ratio Lower Upper
154 100
153 39.4 31.9 47.9
76 12.6 10.8 16.2





#52

Acenaphthene

Concen: 98.474 ng/ul

RT: 14.851 min Scan# 1982

Delta R.T. 0.006 min

Lab File: BP014739.D

Acq: 19 Apr 2023 20:37

Instrument :

BNA_P

ClientSampleId :

DCBL4

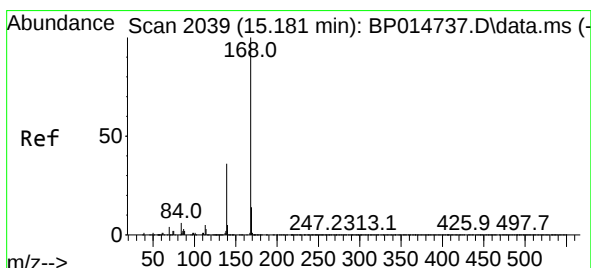
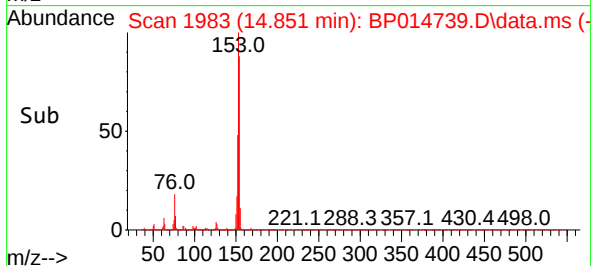
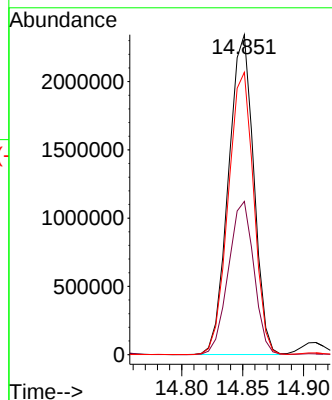
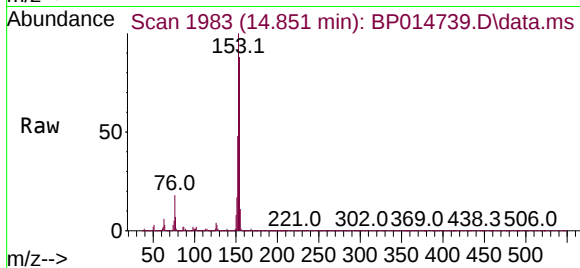
Tgt Ion:153 Resp: 3392059

Ion Ratio Lower Upper

153 100

152 47.9 38.4 57.6

154 88.2 69.8 104.8



#56

Dibenzofuran

Concen: 73.267 ng/ul

RT: 15.181 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BP014739.D

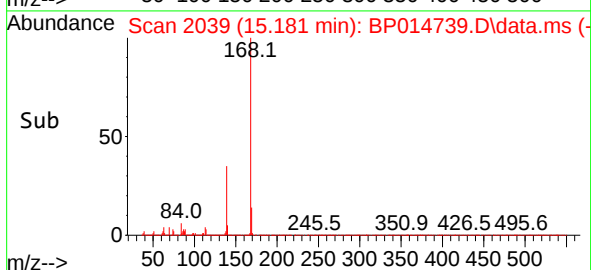
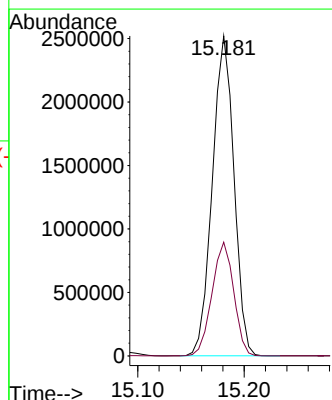
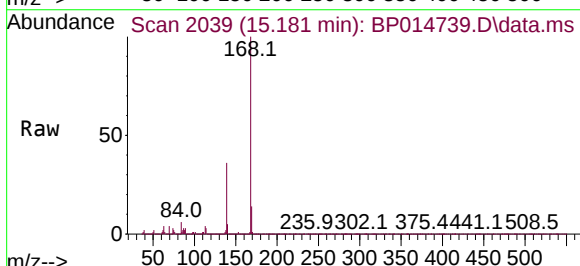
Acq: 19 Apr 2023 20:37

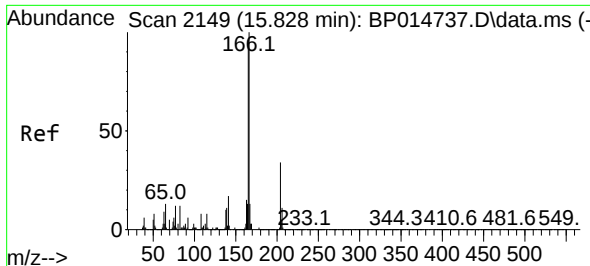
Tgt Ion:168 Resp: 3552048

Ion Ratio Lower Upper

168 100

139 35.5 29.8 44.8

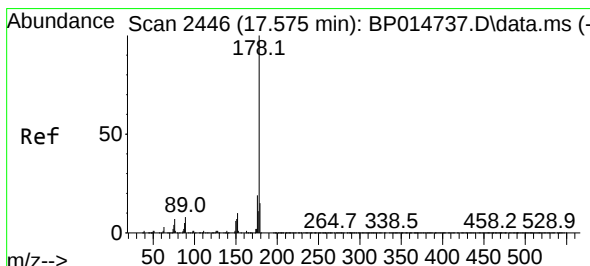
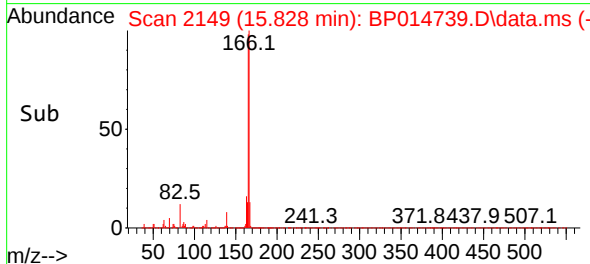
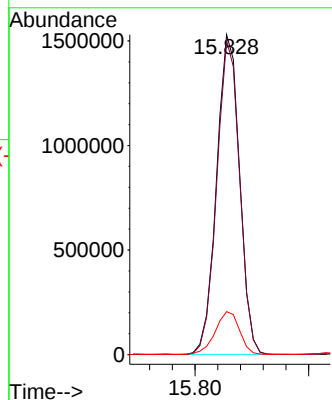
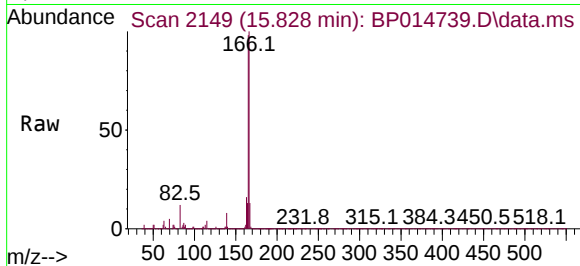




#61
Fluorene
Concen: 54.315 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014739.D
Acq: 19 Apr 2023 20:37

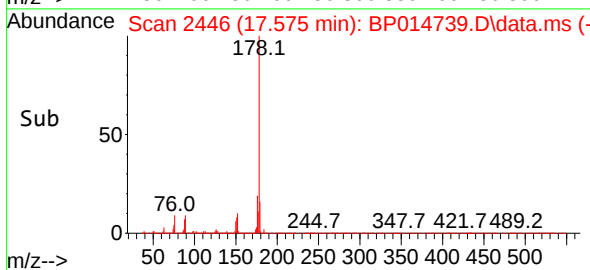
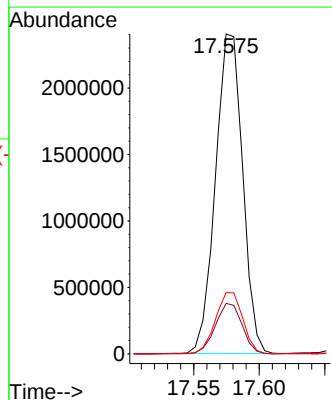
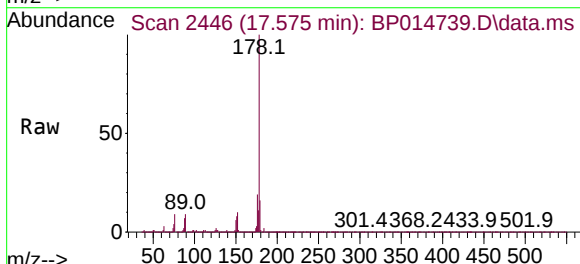
Instrument :
BNA_P
ClientSampleId :
DCBL4

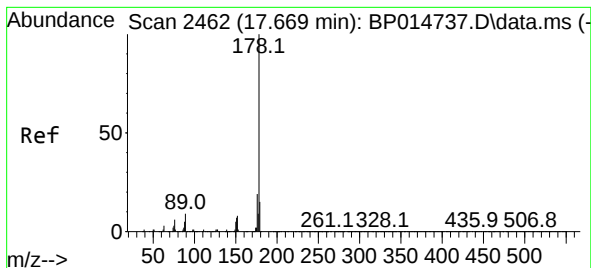
Tgt Ion:166 Resp: 2149481
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.4 10.5 15.7



#72
Phenanthrene
Concen: 56.934 ng/ul
RT: 17.575 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BP014739.D
Acq: 19 Apr 2023 20:37

Tgt Ion:178 Resp: 3472603
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 19.1 15.3 22.9





#74

Anthracene

Concen: 1.947 ng/ul

RT: 17.663 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BP014739.D

Acq: 19 Apr 2023 20:37

Instrument :

BNA_P

ClientSampleId :

DCBL4

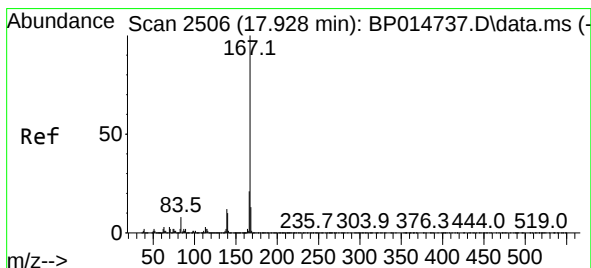
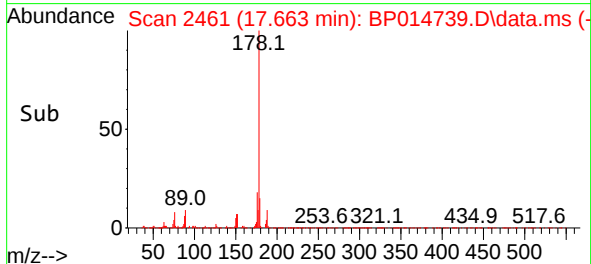
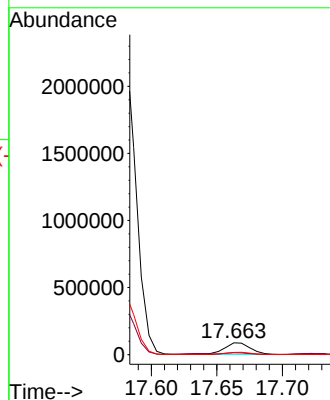
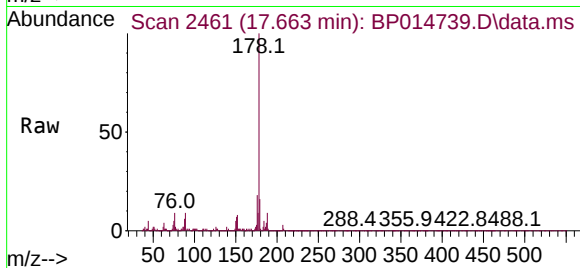
Tgt Ion:178 Resp: 120390

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.4 15.1 22.7



#77

Carbazole

Concen: 13.126 ng/ul

RT: 17.928 min Scan# 2506

Delta R.T. -0.000 min

Lab File: BP014739.D

Acq: 19 Apr 2023 20:37

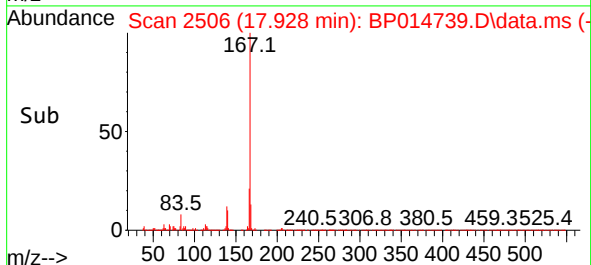
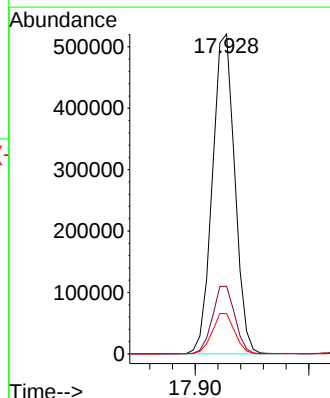
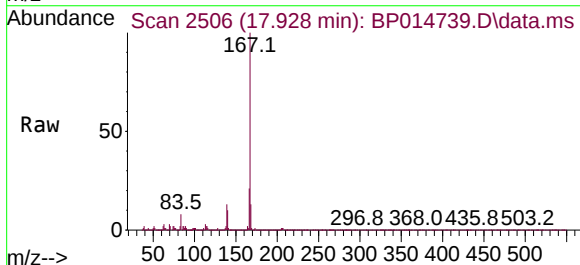
Tgt Ion:167 Resp: 712534

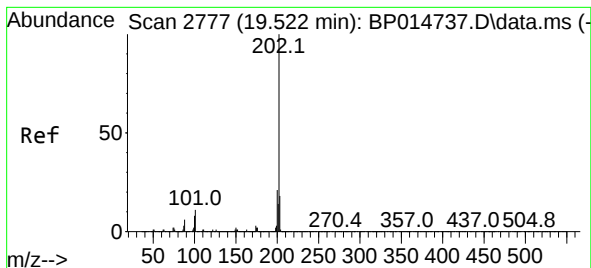
Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.6 10.2 15.2





#80

Fluoranthene

Concen: 11.237 ng/ul

RT: 19.522 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014739.D

Acq: 19 Apr 2023 20:37

Instrument :

BNA_P

ClientSampleId :

DCBL4

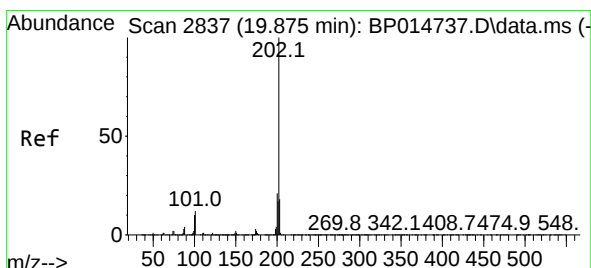
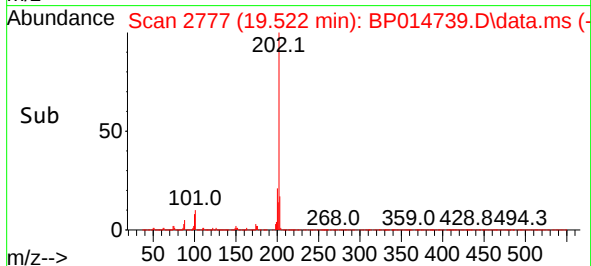
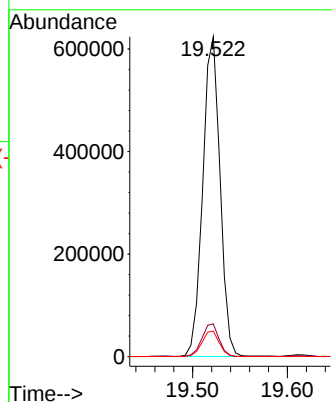
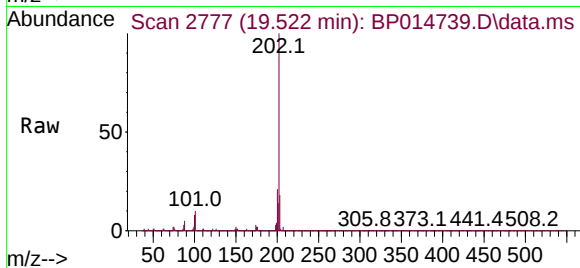
Tgt Ion:202 Resp: 791436

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

100 8.0 6.4 9.6



#82

Pyrene

Concen: 6.376 ng/ul

RT: 19.875 min Scan# 2837

Delta R.T. -0.000 min

Lab File: BP014739.D

Acq: 19 Apr 2023 20:37

Tgt Ion:202 Resp: 475213

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.0

100 9.4 8.0 12.0

