

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014759.D
 Acq On : 20 Apr 2023 16:51
 Operator : CG/JU
 Sample : 02296-06DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBK6DL

Quant Time: Apr 20 22:40:37 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)

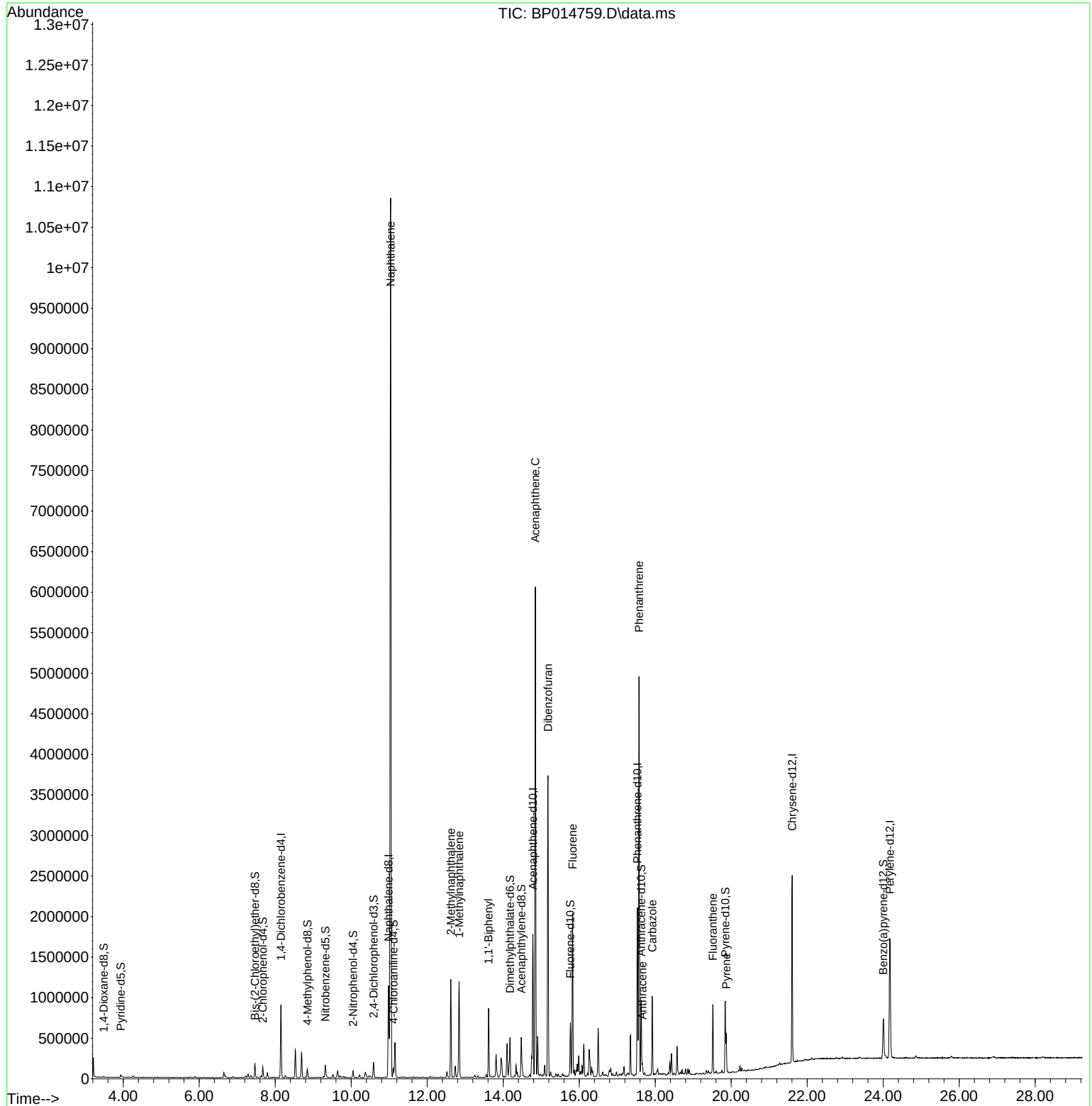
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	237678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	969022	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	584166	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1227246	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1097537	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1228298	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	6033	1.009	ng/uL	0.00
4) Pyridine-d5	3.934	84	20654	1.269	ng/u1	0.02
7) Phenol-d5	7.287	99	19965	0.972	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.464	67	72633	5.729	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	59272	3.884	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	37818	2.361	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	34746	5.722	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	26567	4.844	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	65921	4.427	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	64135	2.822	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	289326	6.255	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	296457	5.530	ng/u1	0.00
54) 4-Nitrophenol-d4	14.946	143	4439	0.603	ng/u1	0.00
60) Fluorene-d10	15.769	176	244748	6.167	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.628	188	377724	6.371	ng/u1	0.00
81) Pyrene-d10	19.845	212	425112	6.762	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	383871	6.030	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.040	128	9927696	182.803	ng/u1	99
36) 2-Methylnaphthalene	12.622	142	531944	14.672	ng/u1	100
37) 1-Methylnaphthalene	12.840	142	521014	14.496	ng/u1	99
43) 1,1'-Biphenyl	13.616	154	411895	8.695	ng/u1	99
52) Acenaphthene	14.846	153	2471512	62.394	ng/u1	99
56) Dibenzofuran	15.181	168	2287574	41.032	ng/u1	97
61) Fluorene	15.828	166	876347	19.257	ng/u1	99
72) Phenanthrene	17.575	178	2881110	41.655	ng/u1	99
74) Anthracene	17.663	178	80544	1.149	ng/u1	96
77) Carbazole	17.922	167	570194	9.263	ng/u1	99
80) Fluoranthene	19.516	202	490949	6.712	ng/u1	99
82) Pyrene	19.869	202	278371	3.596	ng/u1	100

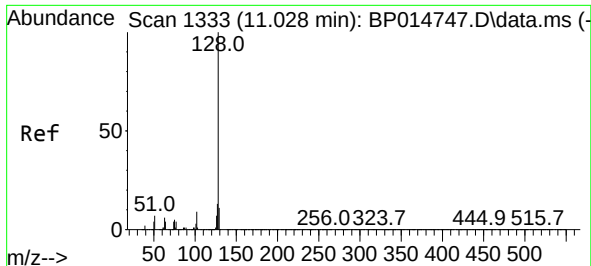
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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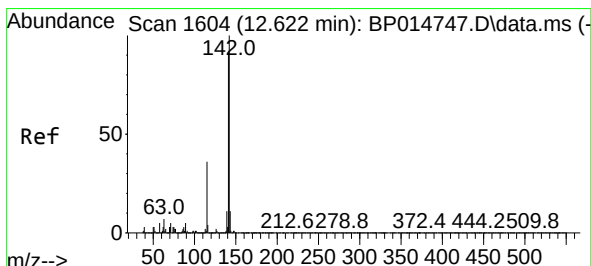
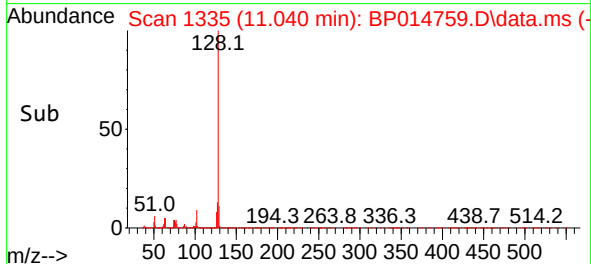
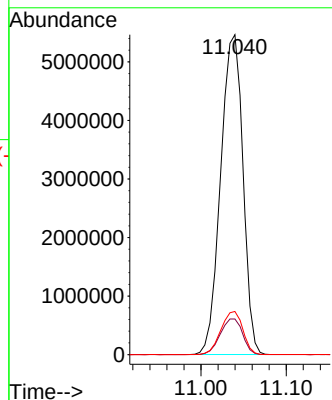
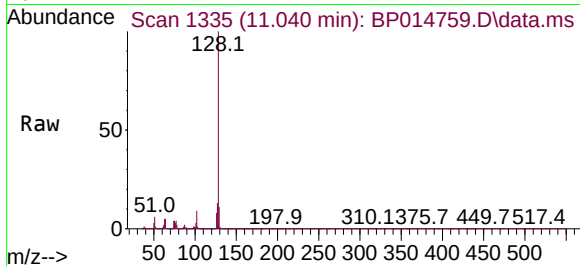




#30
Naphthalene
Concen: 182.803 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BP014759.D
Acq: 20 Apr 2023 16:51

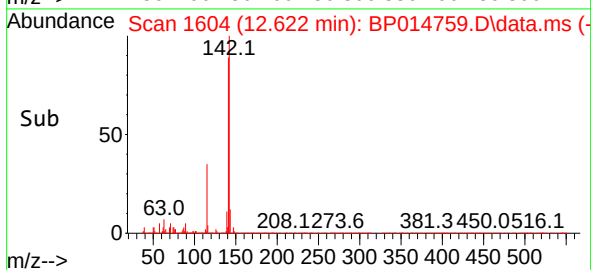
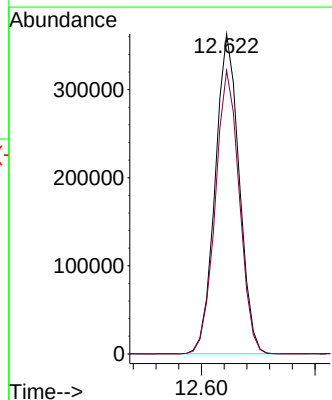
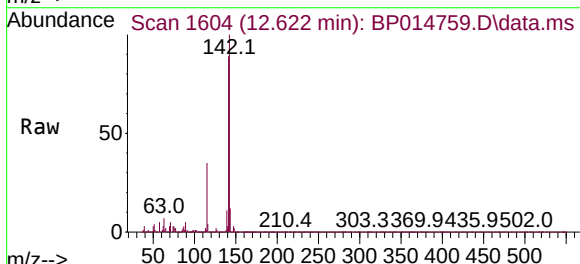
Instrument :
BNA_P
ClientSampleId :
DCBK6DL

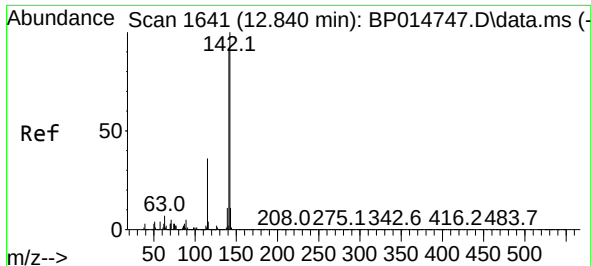
Tgt Ion:128 Resp: 9927696
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.4 15.6



#36
2-Methylnaphthalene
Concen: 14.672 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014759.D
Acq: 20 Apr 2023 16:51

Tgt Ion:142 Resp: 531944
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3

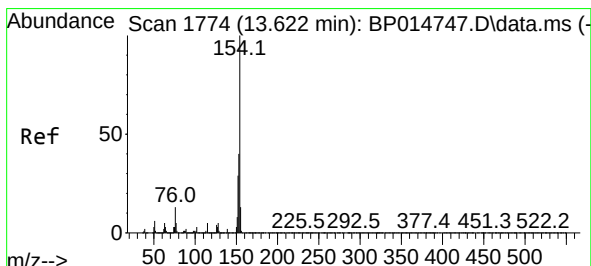
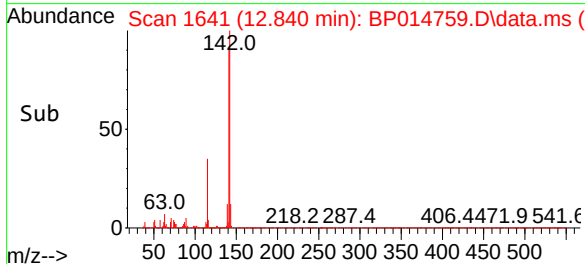
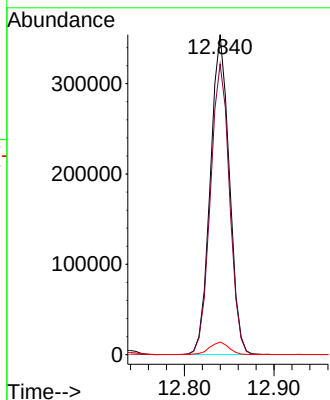
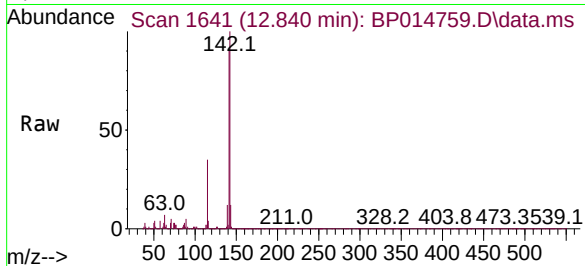




#37
1-Methylnaphthalene
Concen: 14.496 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP014759.D
Acq: 20 Apr 2023 16:51

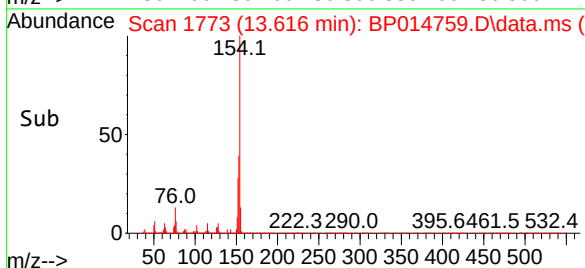
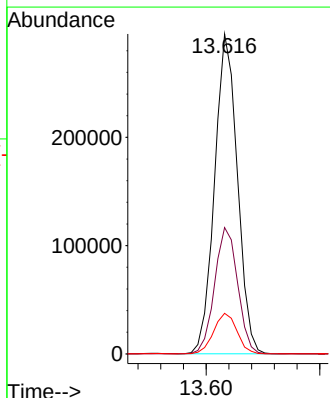
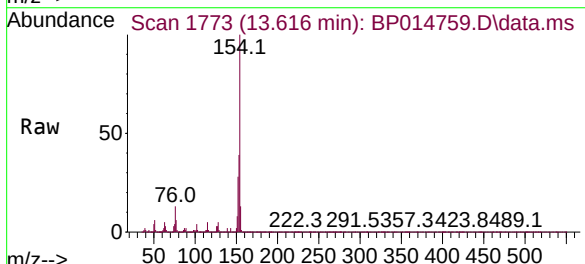
Instrument :
BNA_P
ClientSampleId :
DCBK6DL

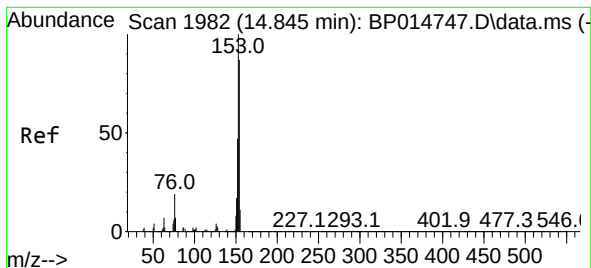
Tgt Ion:	142	Resp:	521014
Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.8	110.6
116	3.9	3.3	4.9



#43
1,1'-Biphenyl
Concen: 8.695 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP014759.D
Acq: 20 Apr 2023 16:51

Tgt Ion:	154	Resp:	411895
Ion	Ratio	Lower	Upper
154	100		
153	39.5	31.9	47.9
76	12.7	10.8	16.2





#52

Acenaphthene

Concen: 62.394 ng/ul

RT: 14.846 min Scan# 1982

Delta R.T. 0.000 min

Lab File: BP014759.D

Acq: 20 Apr 2023 16:51

Instrument :

BNA_P

ClientSampleId :

DCBK6DL

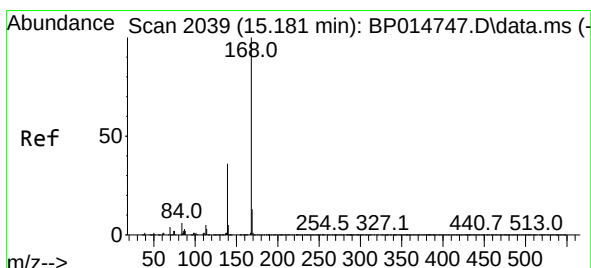
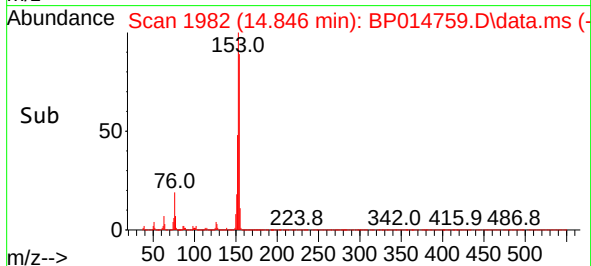
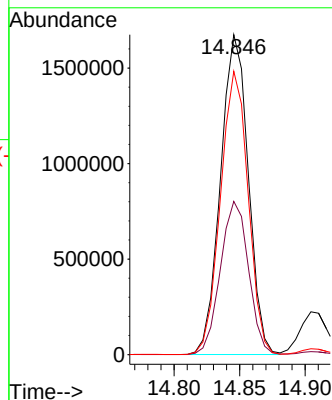
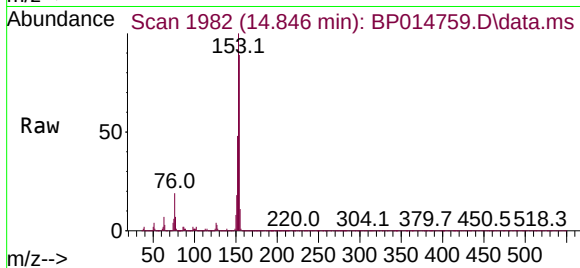
Tgt Ion:153 Resp: 2471512

Ion Ratio Lower Upper

153 100

152 47.9 38.4 57.6

154 88.5 69.8 104.8



#56

Dibenzofuran

Concen: 41.032 ng/ul

RT: 15.181 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BP014759.D

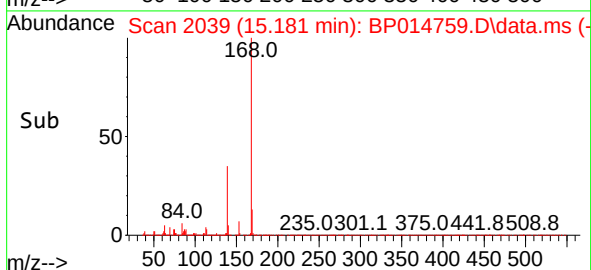
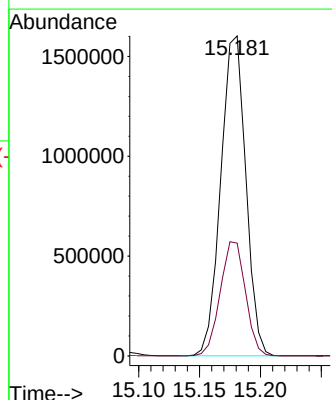
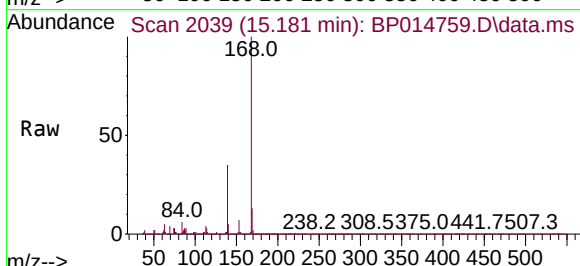
Acq: 20 Apr 2023 16:51

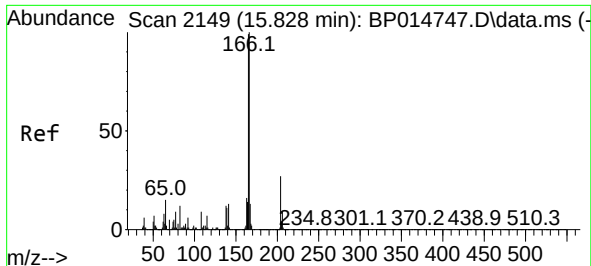
Tgt Ion:168 Resp: 2287574

Ion Ratio Lower Upper

168 100

139 35.2 29.8 44.8

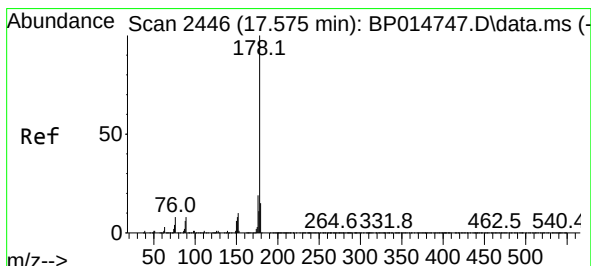
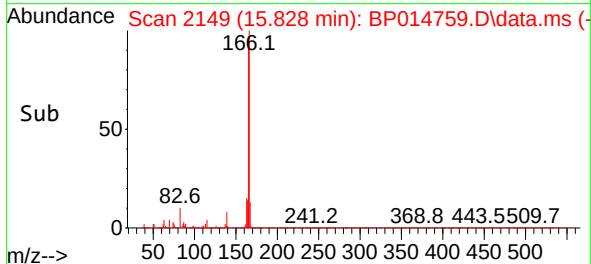
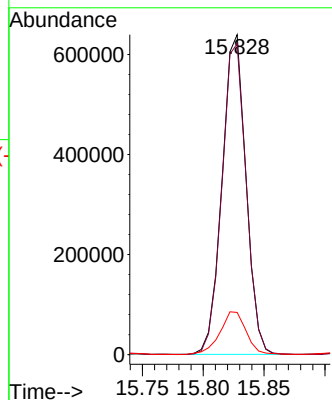
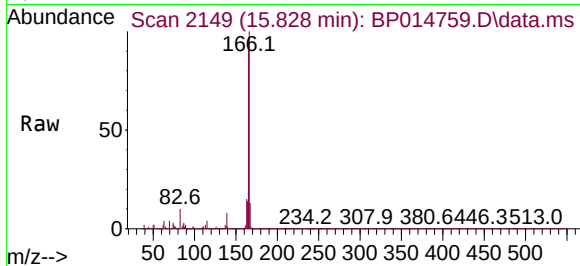




#61
Fluorene
Concen: 19.257 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP014759.D
Acq: 20 Apr 2023 16:51

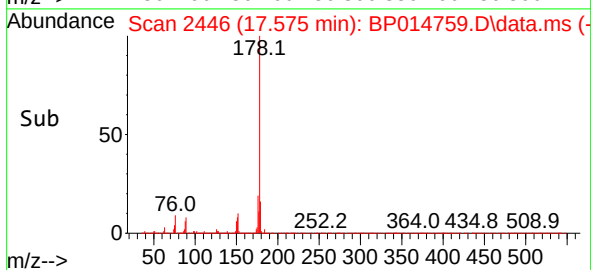
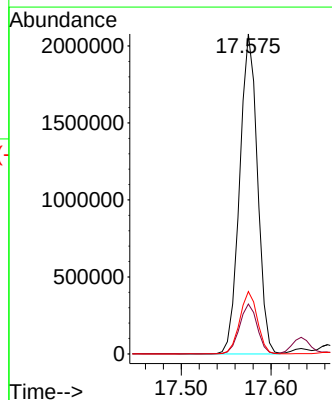
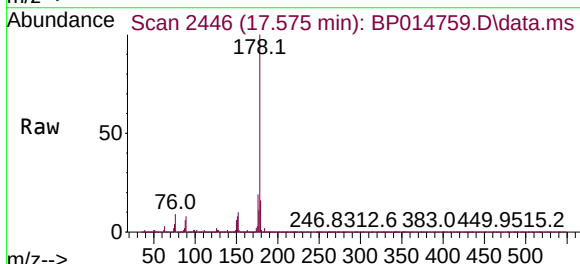
Instrument :
BNA_P
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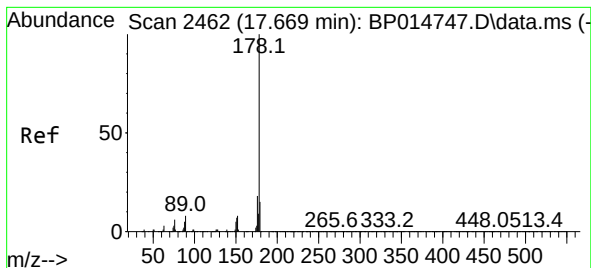
Tgt Ion:166 Resp: 876347
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.2 10.5 15.7



#72
Phenanthrene
Concen: 41.655 ng/ul
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP014759.D
Acq: 20 Apr 2023 16:51

Tgt Ion:178 Resp: 2881110
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.5 15.3 22.9





#74

Anthracene

Concen: 1.149 ng/ul

RT: 17.663 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BP014759.D

Acq: 20 Apr 2023 16:51

Instrument :

BNA_P

ClientSampleId :

DCBK6DL

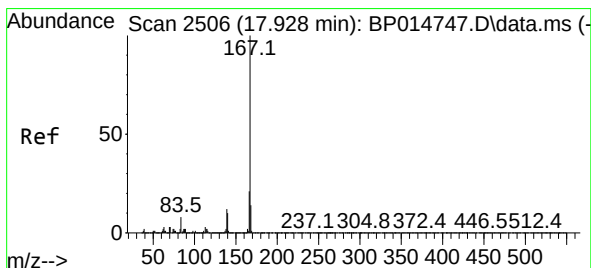
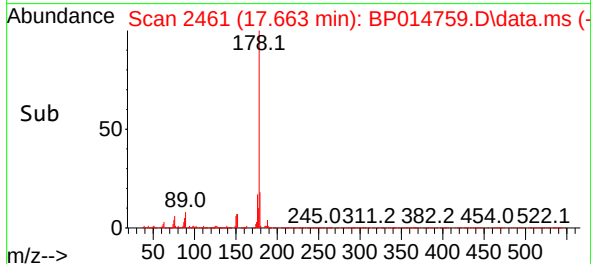
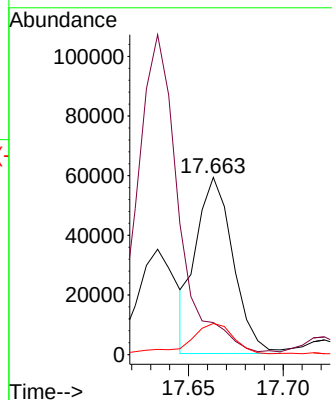
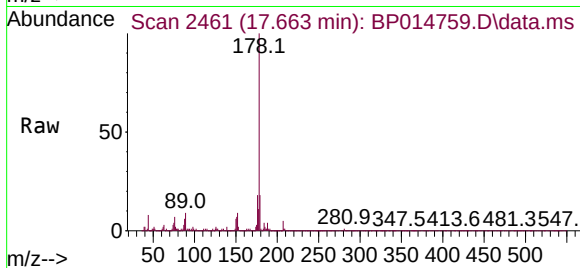
Tgt Ion:178 Resp: 80544

Ion Ratio Lower Upper

178 100

179 18.1 12.4 18.6

176 17.6 15.1 22.7



#77

Carbazole

Concen: 9.263 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014759.D

Acq: 20 Apr 2023 16:51

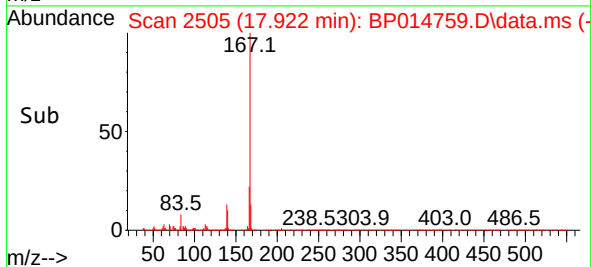
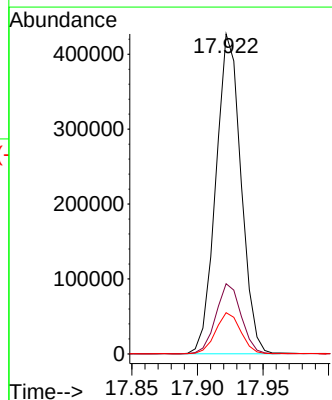
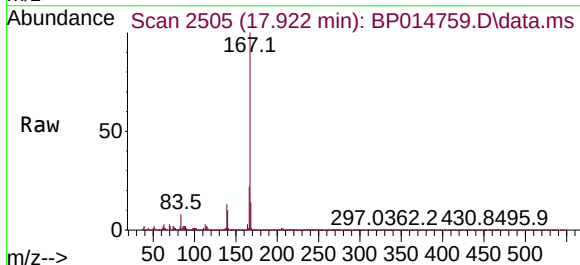
Tgt Ion:167 Resp: 570194

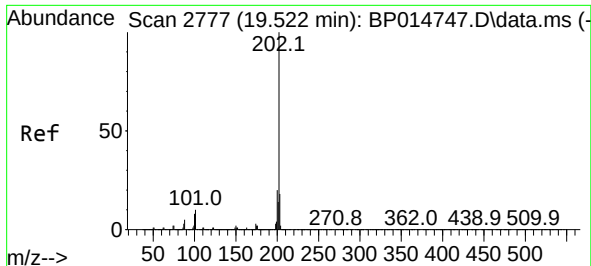
Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.4

139 12.9 10.2 15.2

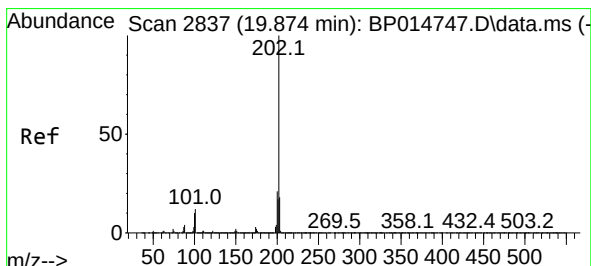
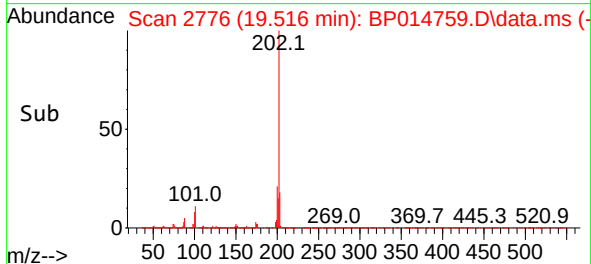
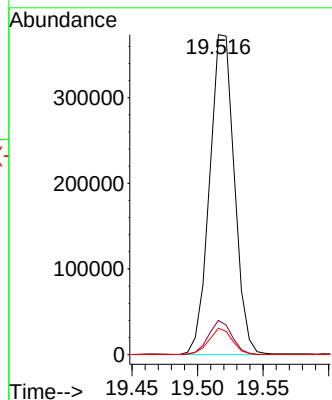
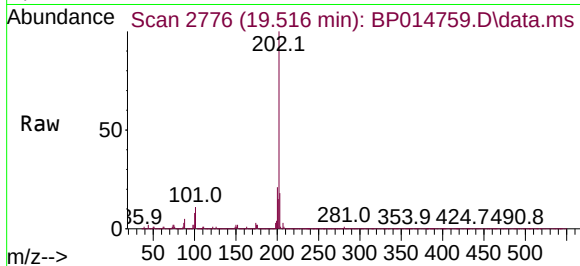




#80
Fluoranthene
Concen: 6.712 ng/ul
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014759.D
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Tgt Ion:202 Resp: 490949
Ion Ratio Lower Upper
202 100
101 10.7 8.4 12.6
100 8.2 6.4 9.6



#82
Pyrene
Concen: 3.596 ng/ul
RT: 19.869 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BP014759.D
Acq: 20 Apr 2023 16:51

Tgt Ion:202 Resp: 278371
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.0
100 9.9 8.0 12.0

