

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016857.D
 Acq On : 30 Aug 2023 05:50
 Operator : MA/JU
 Sample : 04159-10
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHK7

Quant Time: Aug 31 00:45:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

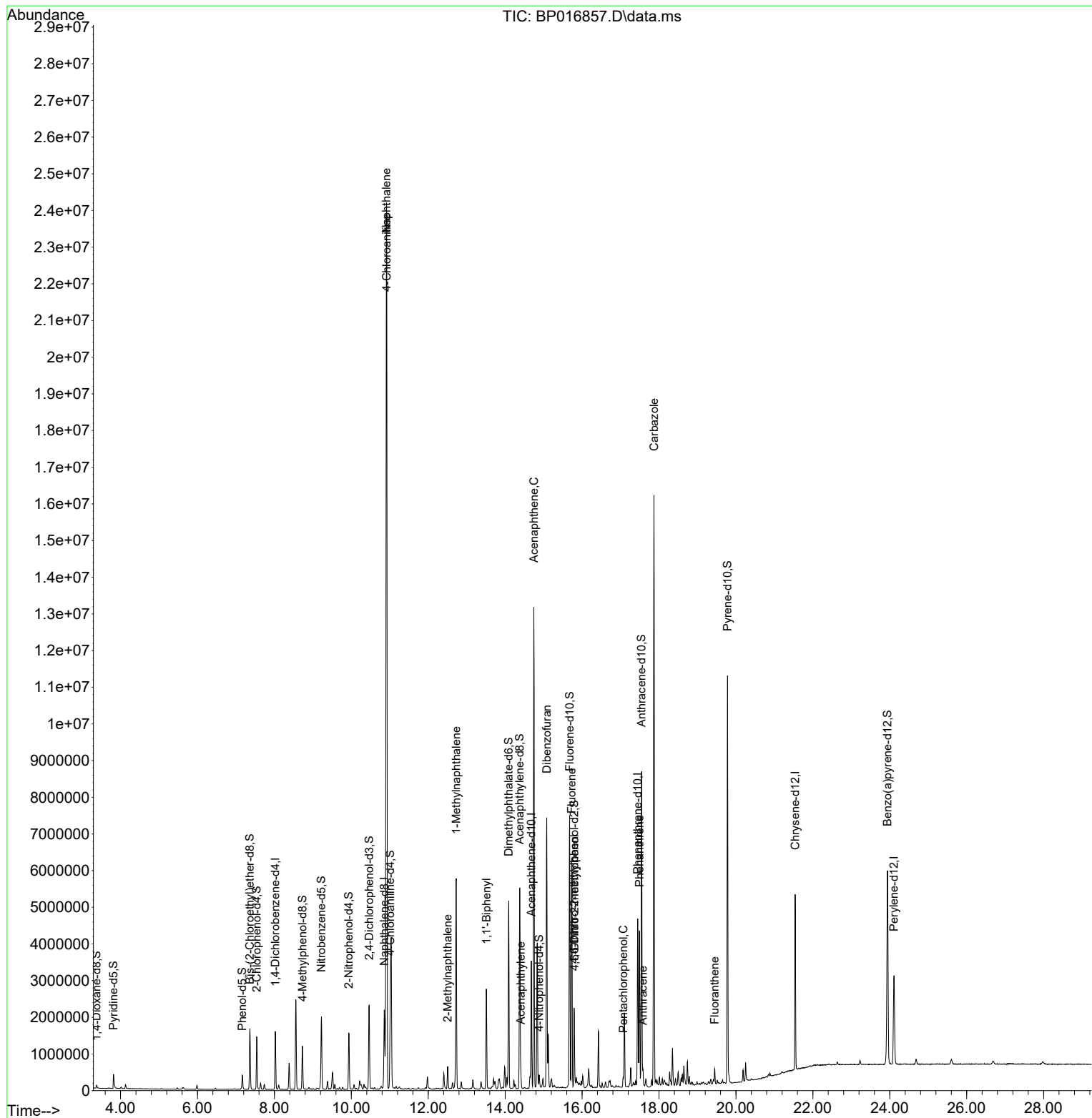
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	416089	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1844700	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1152545	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2555928	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	2071241	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1876074	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	43875	4.358	ng/uL	0.00
4) Pyridine-d5	3.817	84	228259	7.419	ng/ul	0.00
7) Phenol-d5	7.163	99	211354	5.712	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	722213	30.627	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	634790	22.819	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	432731	14.327	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	445218	31.920	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	456447	31.047	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	795864	29.037	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	1025259	24.392	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	3245911	37.345	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	3499937	35.620	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	71305	3.969	ng/ul	0.00
60) Fluorene-d10	15.675	176	2795136	38.188	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	394735	25.933	ng/ul	0.00
73) Anthracene-d10	17.545	188	4612921	40.717	ng/ul	0.00
81) Pyrene-d10	19.780	212	5249823	46.150	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	3839268	40.854	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.910	128	18887838	197.658	ng/ul#	89
32) 4-Chloroaniline	10.916	127	3016291	73.022	ng/ul#	8
36) 2-Methylnaphthalene	12.504	142	253276	3.840	ng/ul	98
37) 1-Methylnaphthalene	12.728	142	2565549	38.572	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1336609	15.598	ng/ul	99
50) Acenaphthylene	14.404	152	219549	1.952	ng/ul	99
52) Acenaphthene	14.745	153	5033036	67.647	ng/ul	100
56) Dibenzofuran	15.081	168	4633502	45.388	ng/ul	99
61) Fluorene	15.728	166	2718859	31.841	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	22614	1.378	ng/ul#	1
71) Pentachlorophenol	17.069	266	23880	1.172	ng/ul	98
72) Phenanthrene	17.492	178	2432467	18.078	ng/ul	100
74) Anthracene	17.581	178	211921	1.558	ng/ul	99
77) Carbazole	17.869	167	9860042	80.467	ng/ul	98
80) Fluoranthene	19.445	202	215368	1.576	ng/ul	98

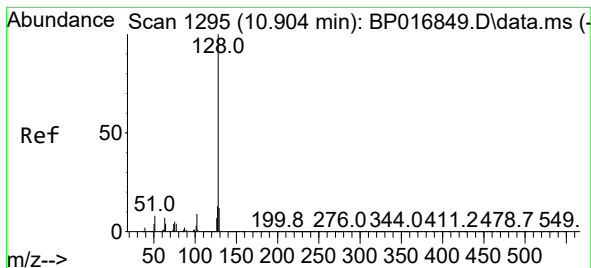
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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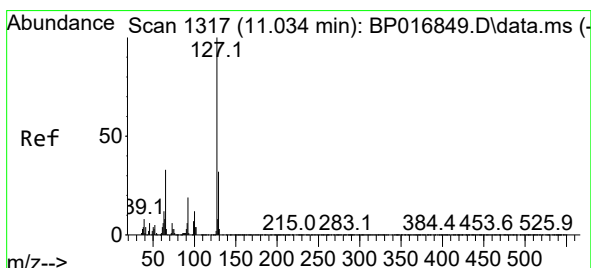
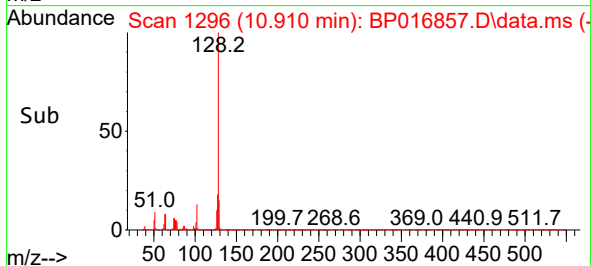
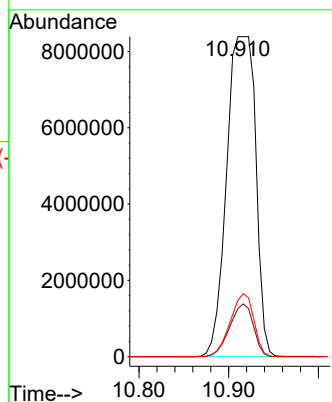
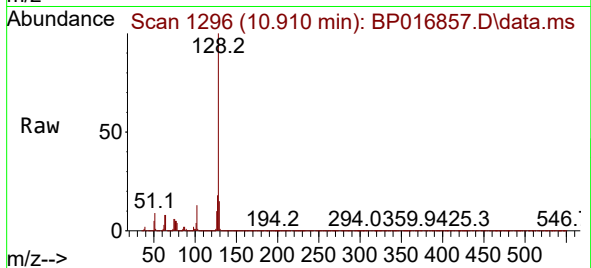




#30
Naphthalene
Concen: 197.658 ng/ul
RT: 10.910 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BP016857.D
Acq: 30 Aug 2023 05:50

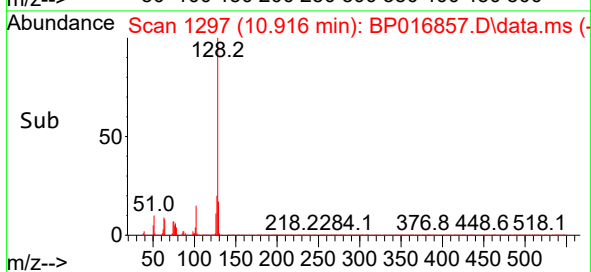
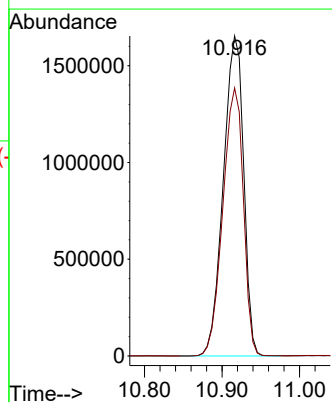
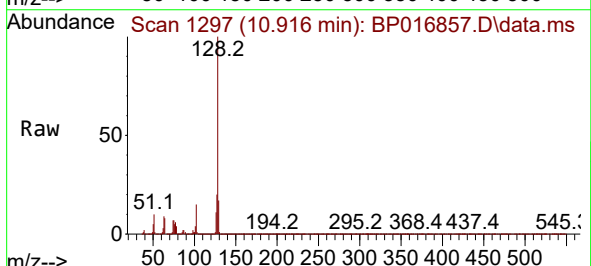
Instrument :
BNA_P
ClientSampleId :
DCHK7

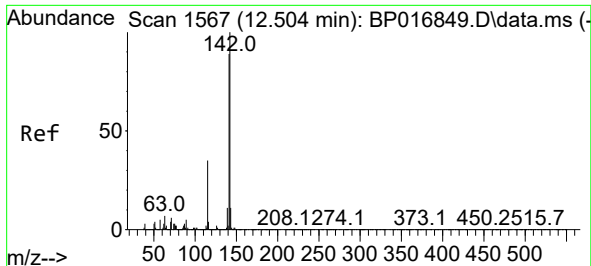
Tgt Ion:128 Resp:18887838
Ion Ratio Lower Upper
128 100
129 15.1 8.8 13.2#
127 17.7 10.3 15.5#



#32
4-Chloroaniline
Concen: 73.022 ng/ul
RT: 10.916 min Scan# 1297
Delta R.T. -0.118 min
Lab File: BP016857.D
Acq: 30 Aug 2023 05:50

Tgt Ion:127 Resp: 3016291
Ion Ratio Lower Upper
127 100
129 83.7 25.9 38.9#

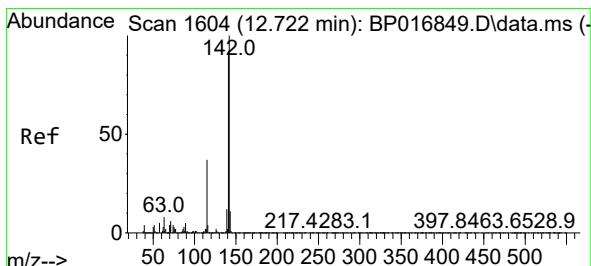
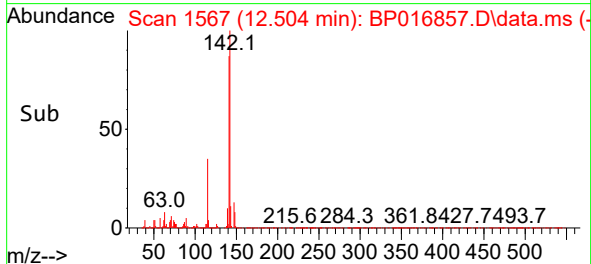
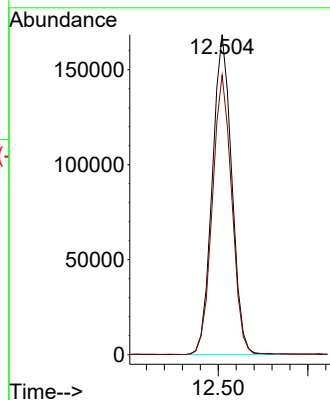
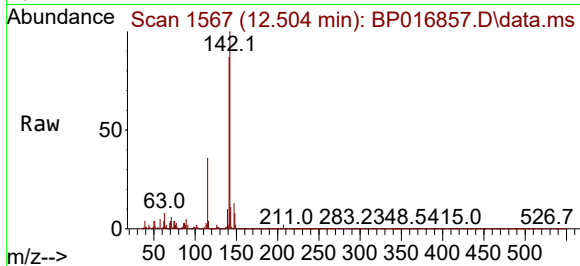




#36
2-Methylnaphthalene
Concen: 3.840 ng/ul
RT: 12.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016857.D
Acq: 30 Aug 2023 05:50

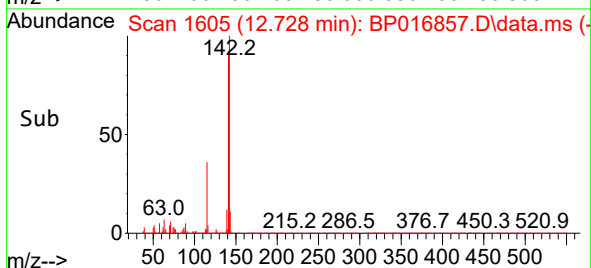
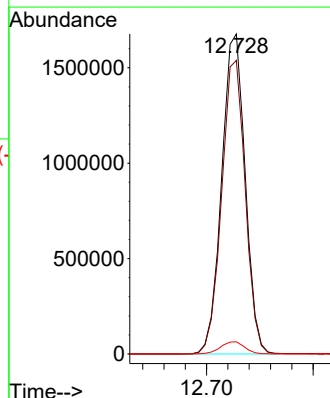
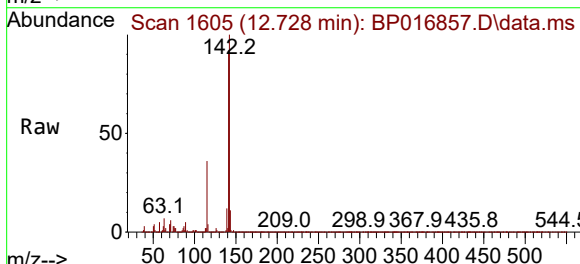
Instrument :
BNA_P
ClientSampleId :
DCHK7

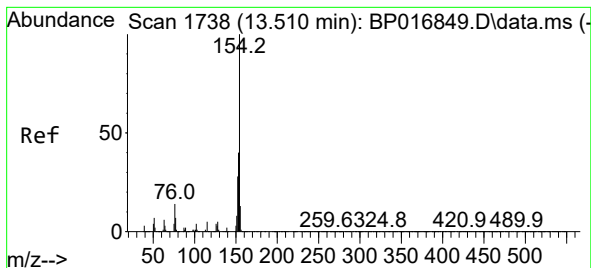
Tgt Ion:142 Resp: 253276
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.0



#37
1-Methylnaphthalene
Concen: 38.572 ng/ul
RT: 12.728 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BP016857.D
Acq: 30 Aug 2023 05:50

Tgt Ion:142 Resp: 2565549
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4
116 3.8 3.1 4.7





#43

1,1'-Biphenyl

Concen: 15.598 ng/ul

RT: 13.510 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP016857.D

Acq: 30 Aug 2023 05:50

Instrument :

BNA_P

ClientSampleId :

DCHK7

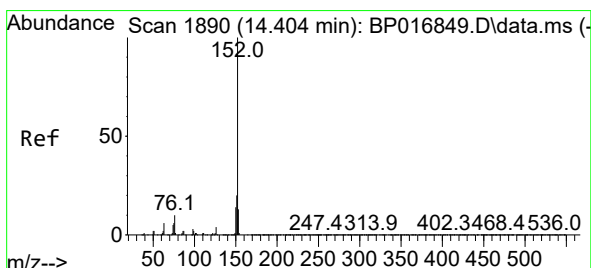
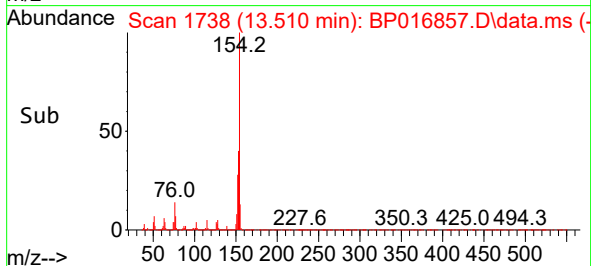
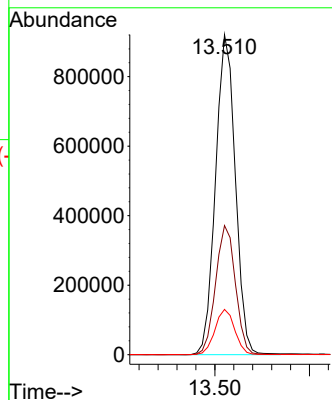
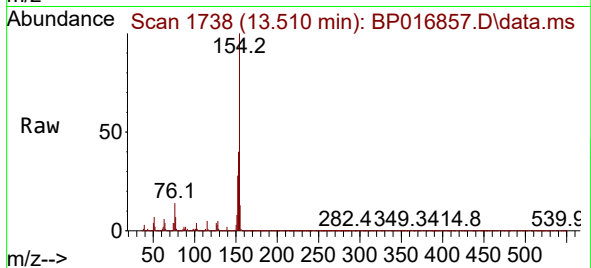
Tgt Ion:154 Resp: 1336609

Ion Ratio Lower Upper

154 100

153 40.4 32.7 49.1

76 14.1 11.3 16.9



#50

Acenaphthylene

Concen: 1.952 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BP016857.D

Acq: 30 Aug 2023 05:50

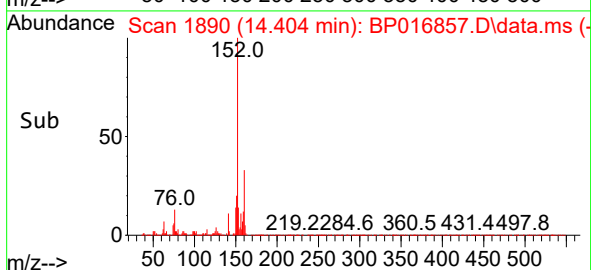
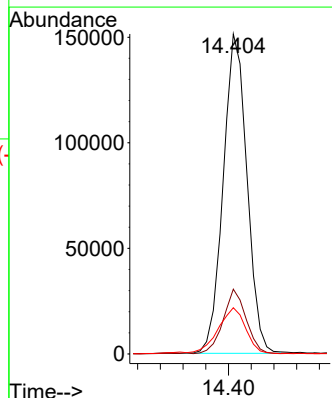
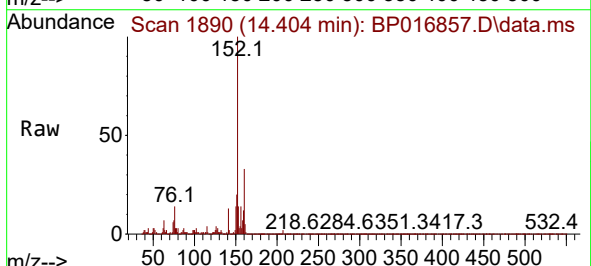
Tgt Ion:152 Resp: 219549

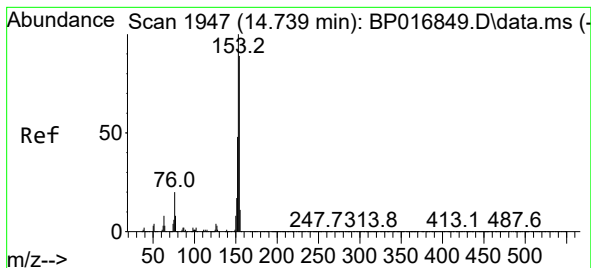
Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 14.5 10.6 15.8





#52

Acenaphthene

Concen: 67.647 ng/ul

RT: 14.745 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BP016857.D

Acq: 30 Aug 2023 05:50

Instrument :

BNA_P

ClientSampleId :

DCHK7

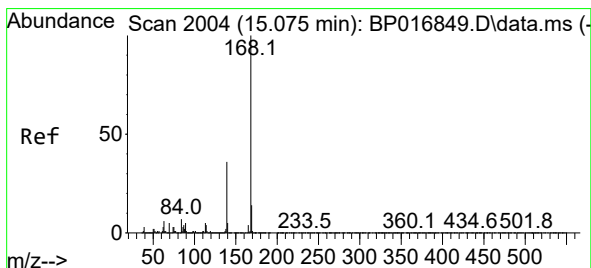
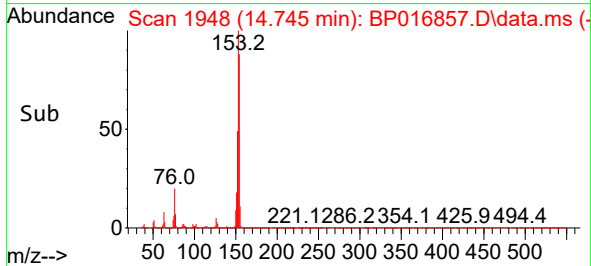
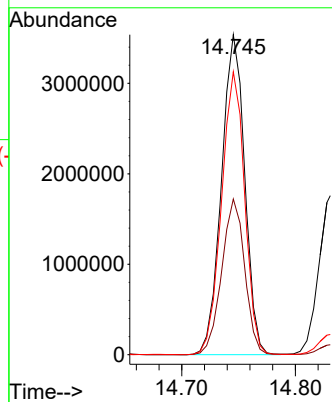
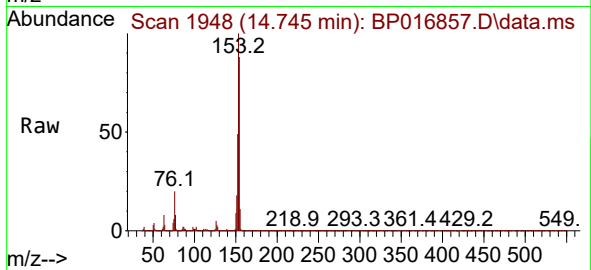
Tgt Ion:153 Resp: 5033036

Ion Ratio Lower Upper

153 100

152 48.6 38.5 57.7

154 88.4 70.6 105.8



#56

Dibenzofuran

Concen: 45.388 ng/ul

RT: 15.081 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BP016857.D

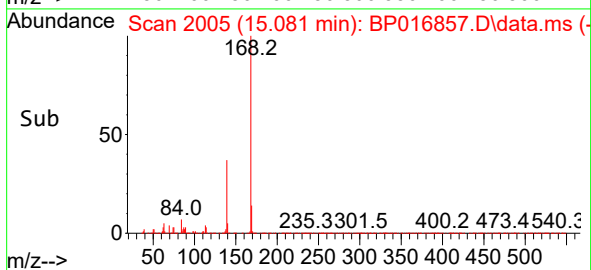
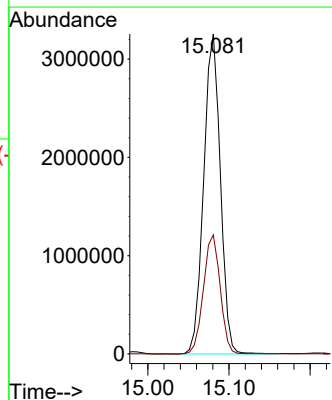
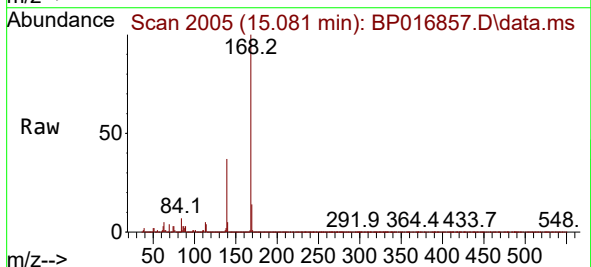
Acq: 30 Aug 2023 05:50

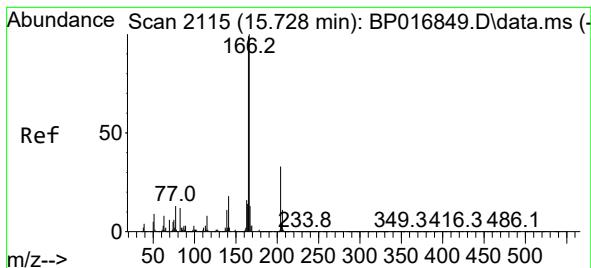
Tgt Ion:168 Resp: 4633502

Ion Ratio Lower Upper

168 100

139 37.2 29.2 43.8





#61

Fluorene

Concen: 31.841 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BP016857.D

Acq: 30 Aug 2023 05:50

Instrument :

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DCHK7

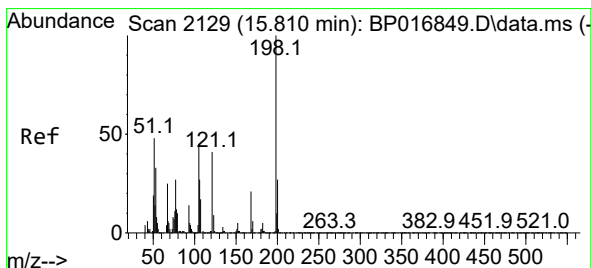
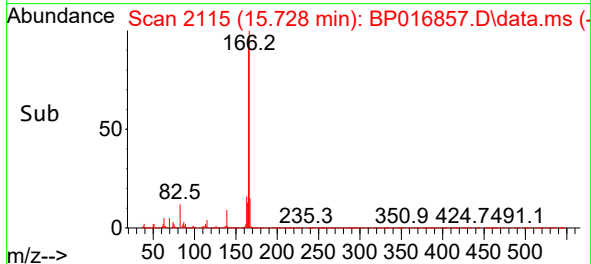
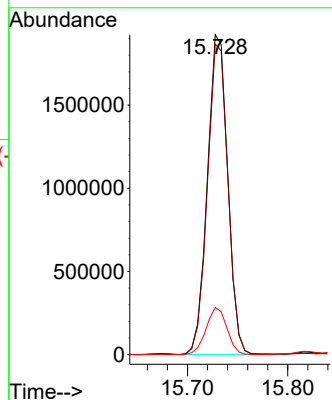
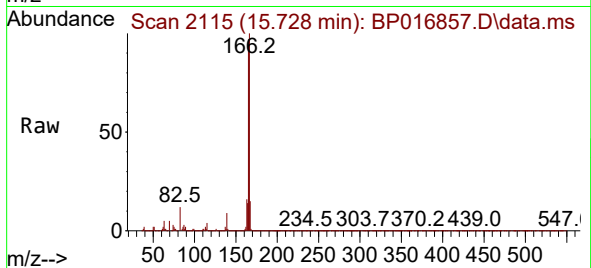
Tgt Ion:166 Resp: 2718859

Ion Ratio Lower Upper

166 100

165 97.1 78.8 118.2

167 14.7 10.9 16.3



#66

4,6-Dinitro-2-methylphenol

Concen: 1.378 ng/ul

RT: 15.798 min Scan# 2127

Delta R.T. -0.012 min

Lab File: BP016857.D

Acq: 30 Aug 2023 05:50

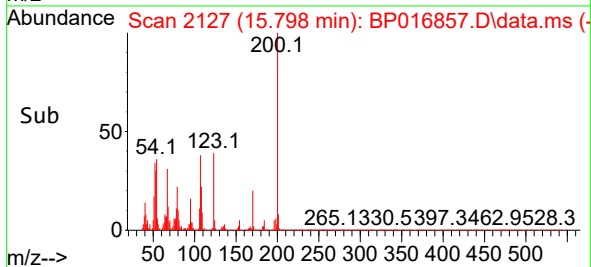
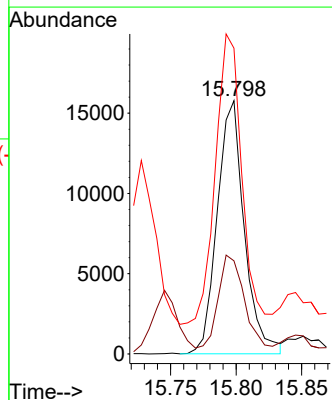
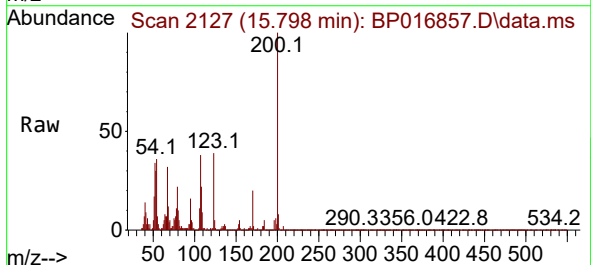
Tgt Ion:198 Resp: 22614

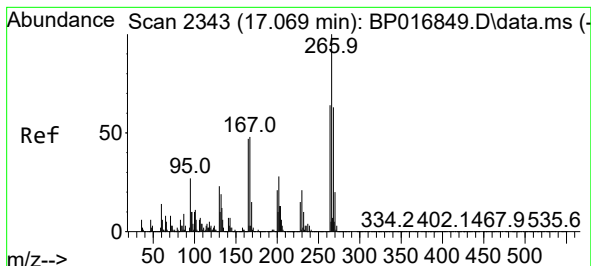
Ion Ratio Lower Upper

198 100

182 36.8 3.2 4.8#

77 120.7 20.7 31.1#





#71

Pentachlorophenol

Concen: 1.172 ng/ul

RT: 17.069 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016857.D

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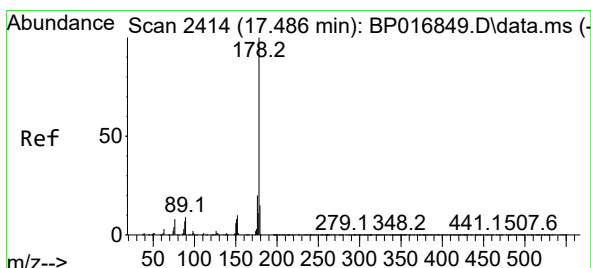
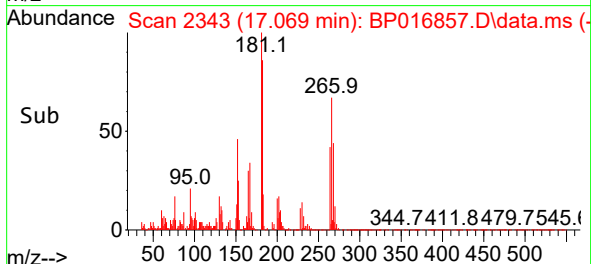
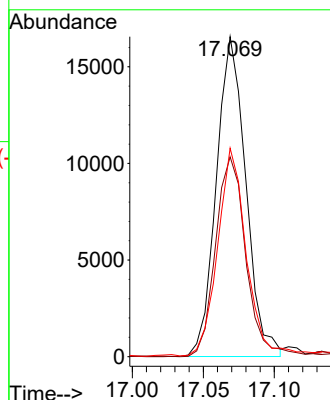
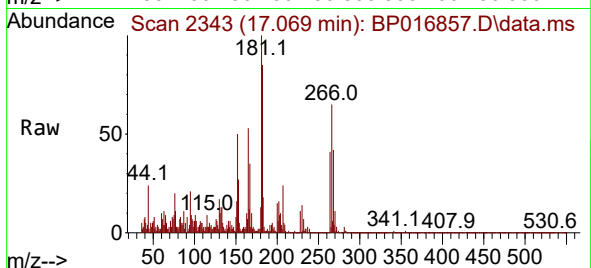
Tgt Ion:266 Resp: 23880

Ion Ratio Lower Upper

266 100

264 62.4 50.7 76.1

268 65.1 50.8 76.2



#72

Phenanthrene

Concen: 18.078 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP016857.D

Acq: 30 Aug 2023 05:50

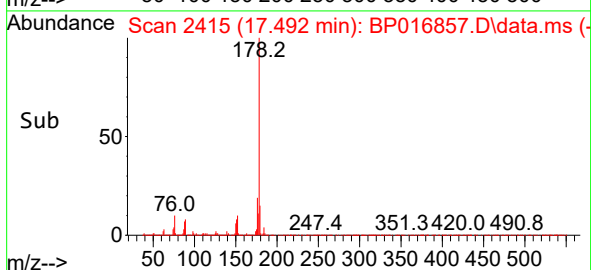
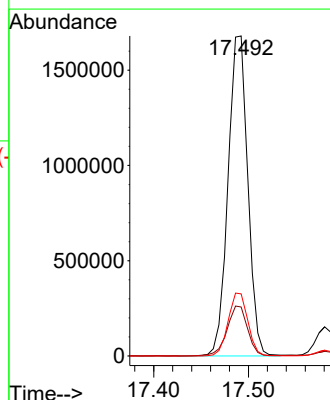
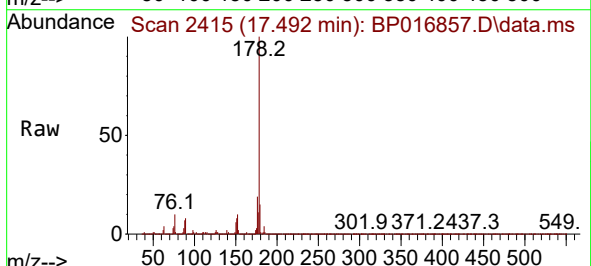
Tgt Ion:178 Resp: 2432467

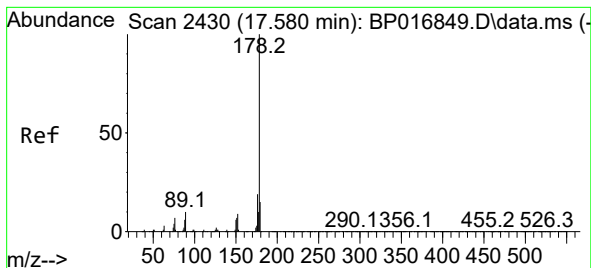
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.4 15.6 23.4





#74

Anthracene

Concen: 1.558 ng/ul

RT: 17.581 min Scan# 2430

Delta R.T. 0.000 min

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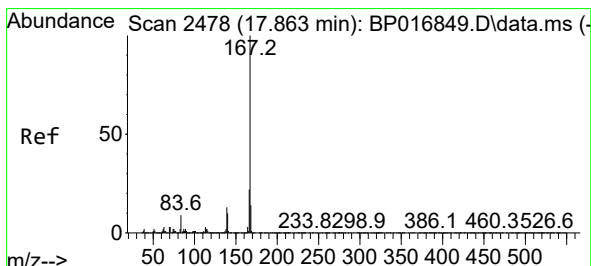
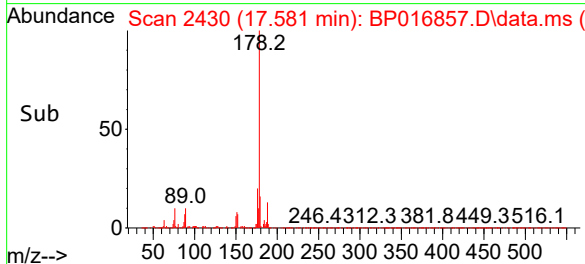
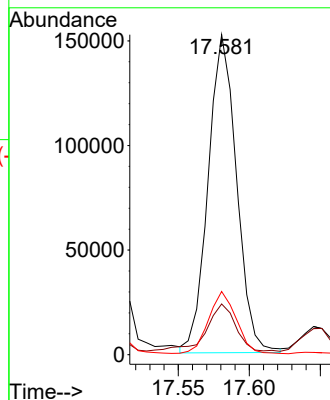
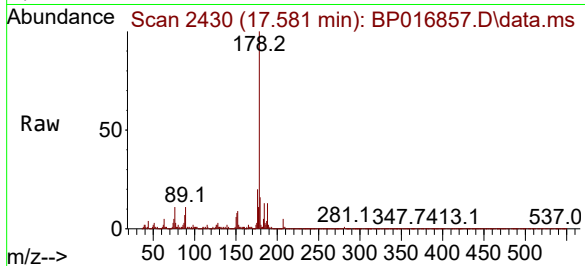
Tgt Ion:178 Resp: 211921

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.8 15.3 22.9



#77

Carbazole

Concen: 80.467 ng/ul

RT: 17.869 min Scan# 2479

Delta R.T. 0.006 min

Lab File: BP016857.D

Acq: 30 Aug 2023 05:50

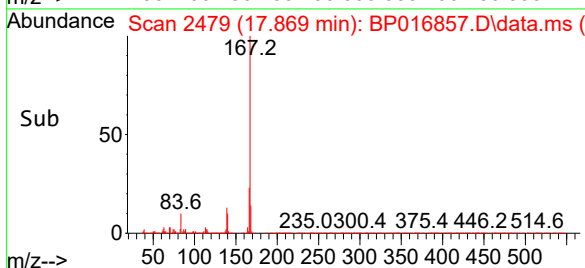
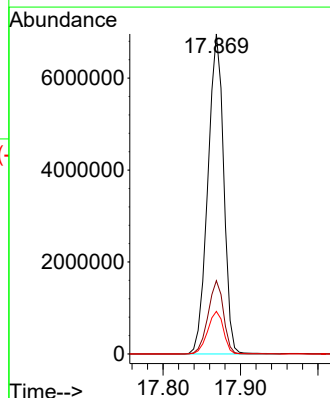
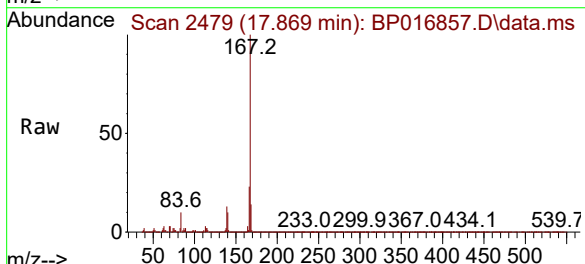
Tgt Ion:167 Resp: 9860042

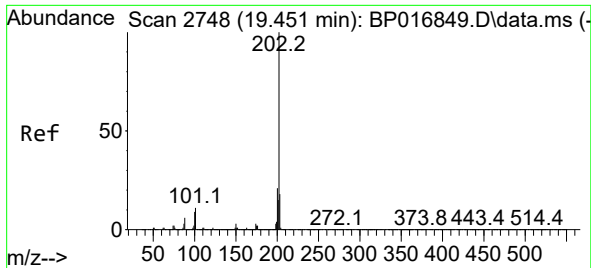
Ion Ratio Lower Upper

167 100

166 22.9 17.4 26.2

139 13.3 10.4 15.6





#80
 Fluoranthene
 Concen: 1.576 ng/ul
 RT: 19.445 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP016857.D
 Acq: 30 Aug 2023 05:50

Instrument :
 BNA_P
 ClientSampleId :
 DCHK7

Tgt Ion:202 Resp: 215368
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.7 14.5
 100 10.3 7.4 11.2

