

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016875.D
 Acq On : 30 Aug 2023 16:39
 Operator : MA/JU
 Sample : 04154-01
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:51:18 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)

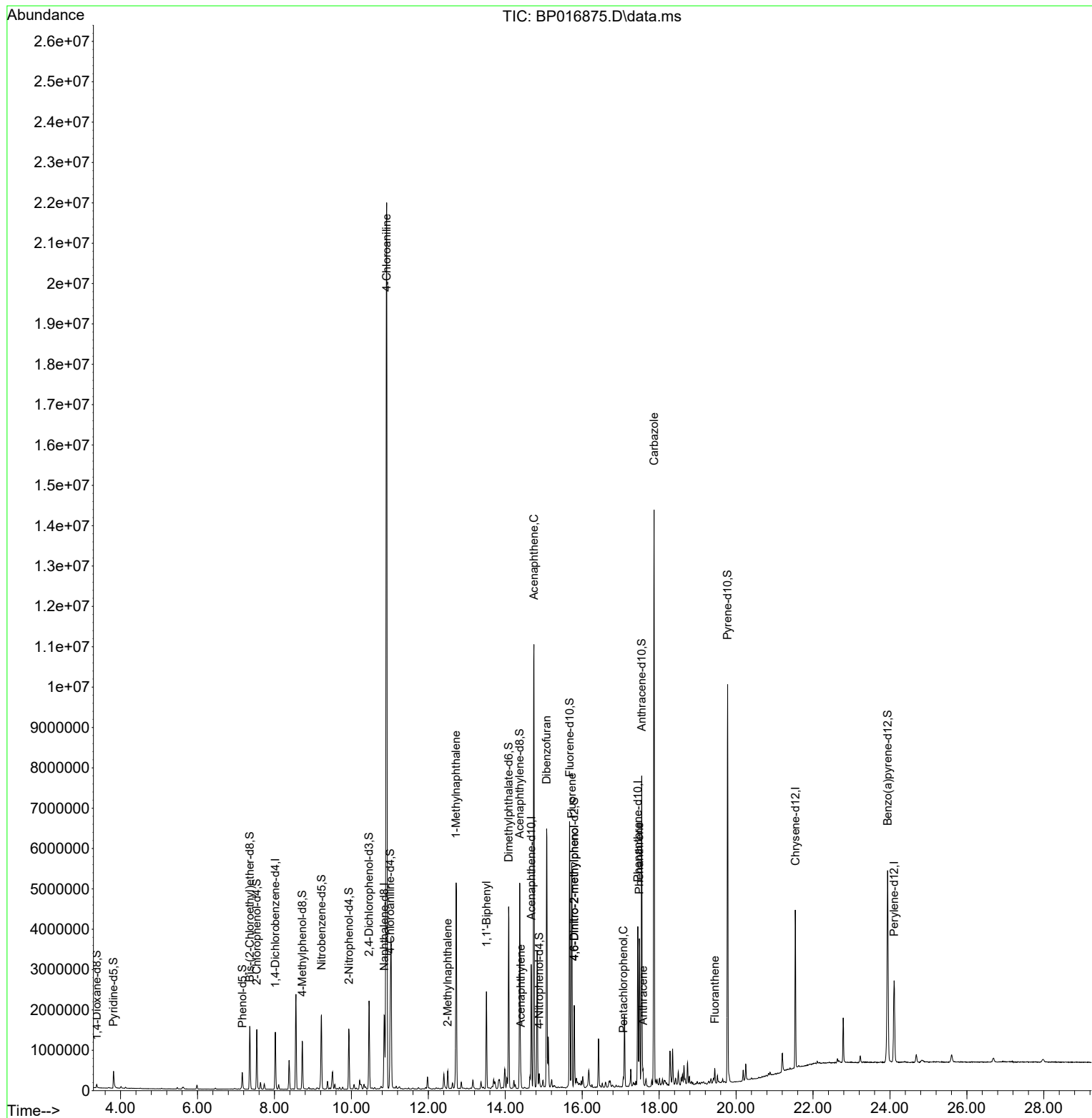
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	361346	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	1588303	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	969245	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2173419	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1729588	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1547724	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	48384	5.534	ng/uL	0.00
4) Pyridine-d5	3.817	84	244976	9.169	ng/u1	0.00
7) Phenol-d5	7.164	99	229179	7.133	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	693373	33.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	632722	26.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	433917	16.543	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	416735	34.702	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	425203	33.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	727521	30.828	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	875515	24.192	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	2856919	39.085	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	3072331	37.182	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	74814	4.952	ng/u1	0.00
60) Fluorene-d10	15.675	176	2492645	40.495	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	362484	28.005	ng/u1	0.00
73) Anthracene-d10	17.545	188	4136321	42.936	ng/u1	0.00
81) Pyrene-d10	19.781	212	4693393	49.408	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	3377764	43.569	ng/u1	0.00
Target Compounds						Qvalue
32) 4-Chloroaniline	10.916	127	2696350	75.814	ng/u1#	11
36) 2-Methylnaphthalene	12.504	142	178565	3.144	ng/u1	98
37) 1-Methylnaphthalene	12.722	142	2244955	39.200	ng/u1	98
43) 1,1'-Biphenyl	13.510	154	1155037	16.028	ng/u1	99
50) Acenaphthylene	14.404	152	187205	1.979	ng/u1	98
52) Acenaphthene	14.746	153	4285694	68.496	ng/u1	100
56) Dibenzofuran	15.075	168	4022659	46.856	ng/u1	98
61) Fluorene	15.728	166	2328398	32.425	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.793	198	20626	1.478	ng/u1#	1
71) Pentachlorophenol	17.069	266	20072	1.159	ng/u1	98
72) Phenanthrene	17.487	178	2059069	17.996	ng/u1	99
74) Anthracene	17.581	178	181774	1.571	ng/u1	99
77) Carbazole	17.869	167	8564885	82.199	ng/u1	99
80) Fluoranthene	19.445	202	187510	1.643	ng/u1	100

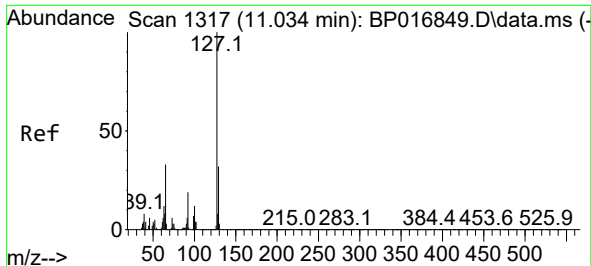
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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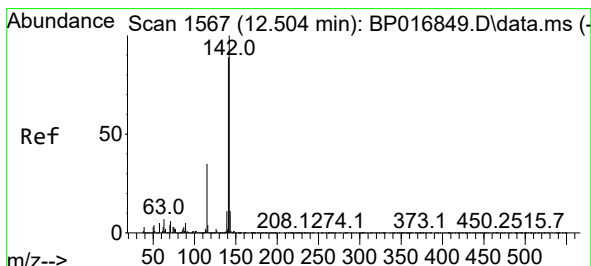
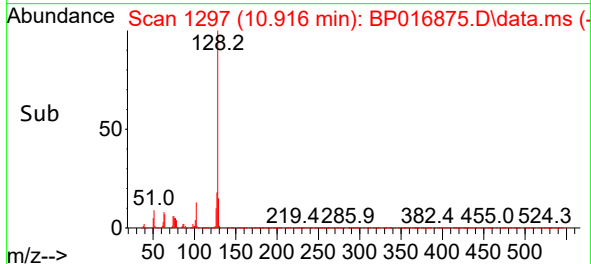
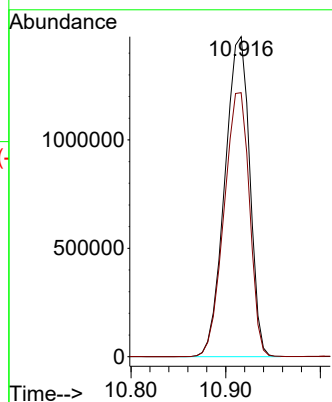
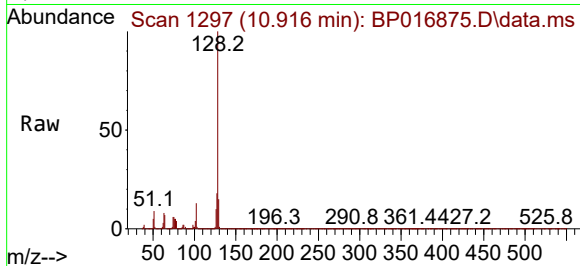




#32
4-Chloroaniline
Concen: 75.814 ng/ul
RT: 10.916 min Scan# 1297
Delta R.T. -0.117 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

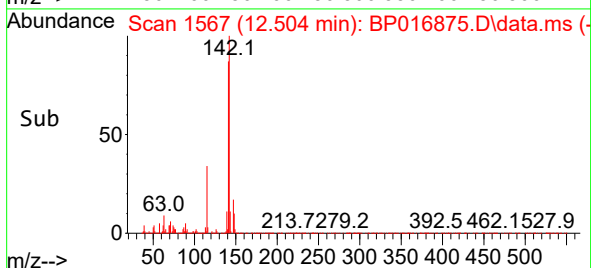
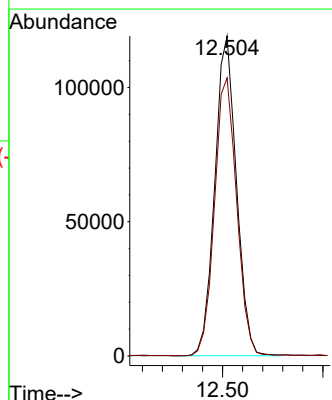
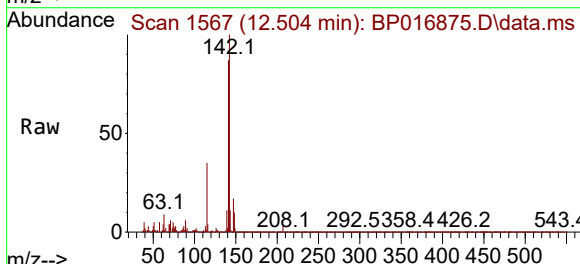
Instrument :
BNA_P
ClientSampleId :

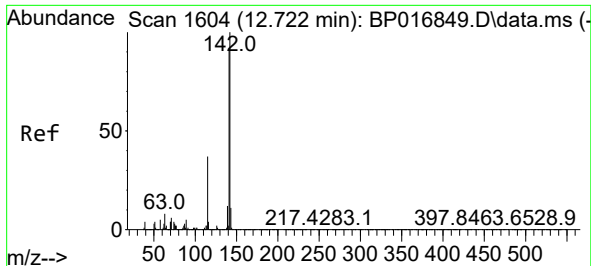
Tgt Ion:127 Resp: 2696350
Ion Ratio Lower Upper
127 100
129 82.5 25.9 38.9#



#36
2-Methylnaphthalene
Concen: 3.144 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

Tgt Ion:142 Resp: 178565
Ion Ratio Lower Upper
142 100
141 86.9 71.4 107.0

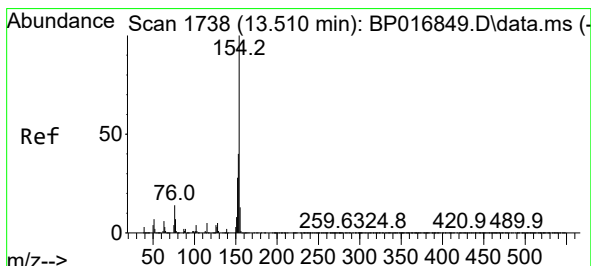
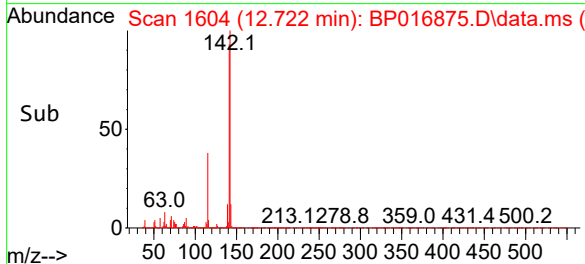
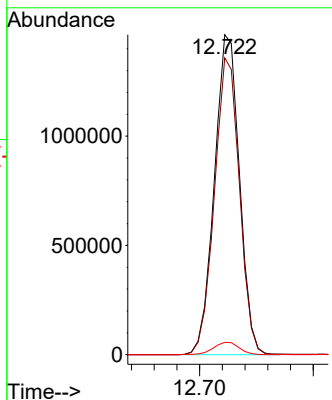
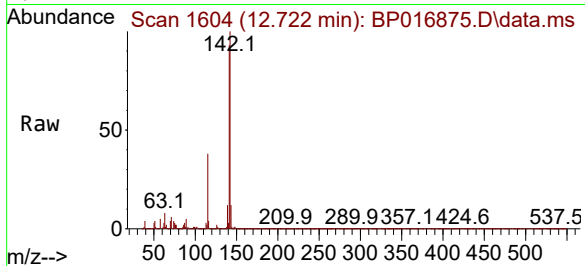




#37
1-Methylnaphthalene
Concen: 39.200 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

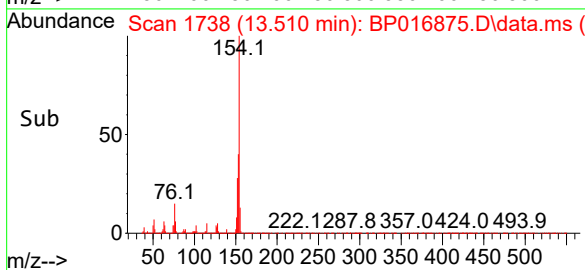
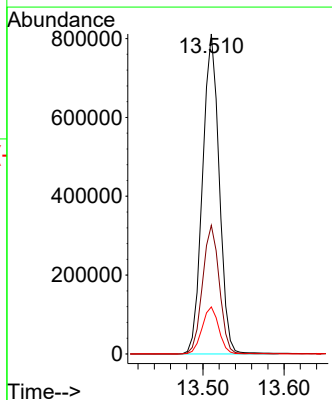
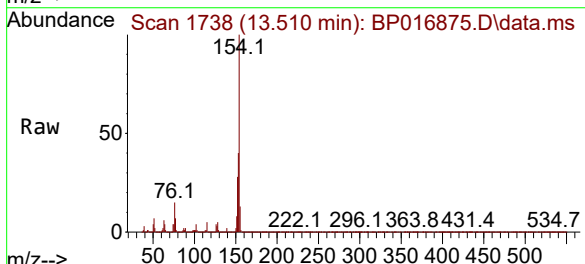
Instrument :
BNA_P
ClientSampleId :

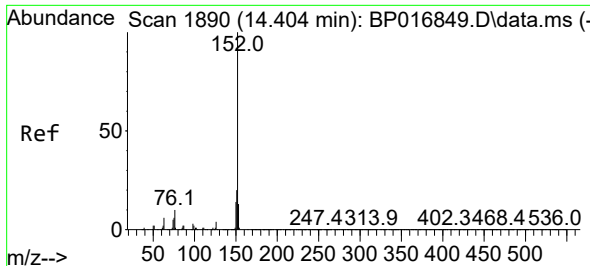
Tgt Ion:142 Resp: 2244955
Ion Ratio Lower Upper
142 100
141 92.8 73.0 109.4
116 3.9 3.1 4.7



#43
1,1'-Biphenyl
Concen: 16.028 ng/ul
RT: 13.510 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

Tgt Ion:154 Resp: 1155037
Ion Ratio Lower Upper
154 100
153 40.2 32.7 49.1
76 14.7 11.3 16.9

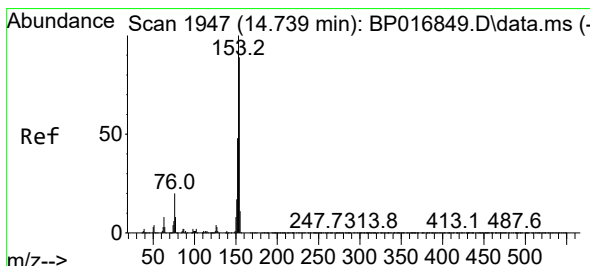
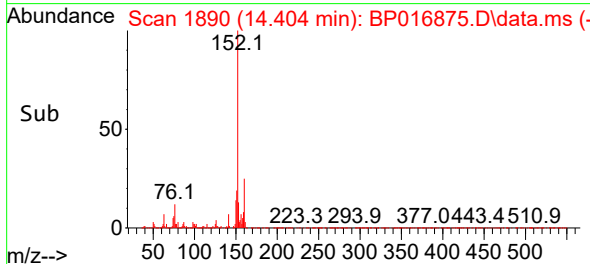
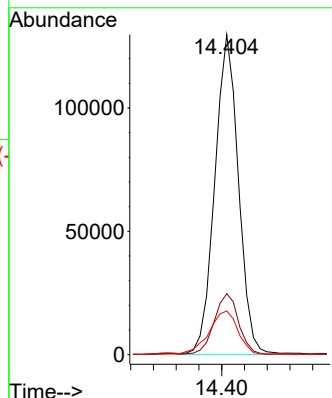
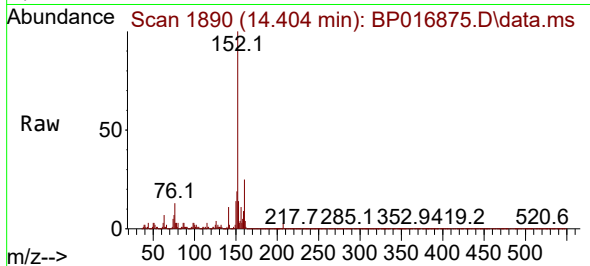




#50
Acenaphthylene
Concen: 1.979 ng/ul
RT: 14.404 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

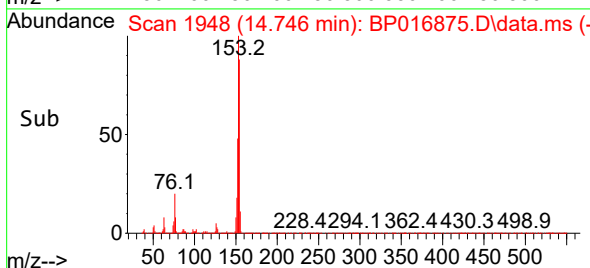
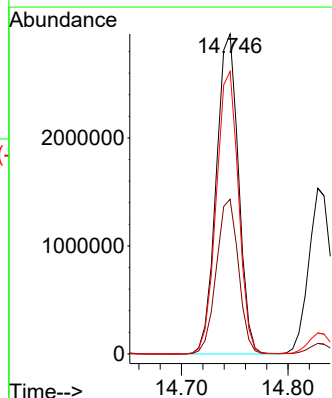
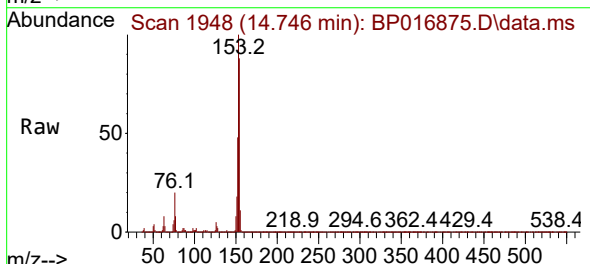
Instrument :
BNA_P
ClientSampleId :

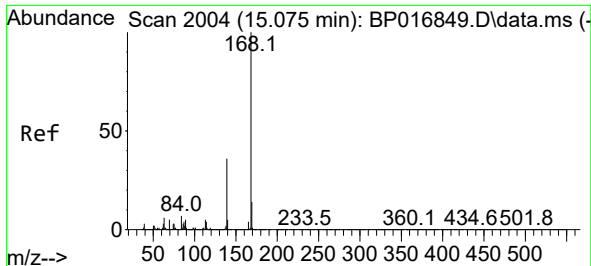
Tgt Ion:152 Resp: 187205
Ion Ratio Lower Upper
152 100
151 19.1 16.1 24.1
153 13.6 10.6 15.8



#52
Acenaphthene
Concen: 68.496 ng/ul
RT: 14.746 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

Tgt Ion:153 Resp: 4285694
Ion Ratio Lower Upper
153 100
152 48.4 38.5 57.7
154 88.3 70.6 105.8

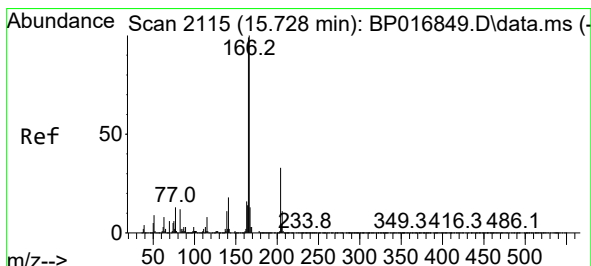
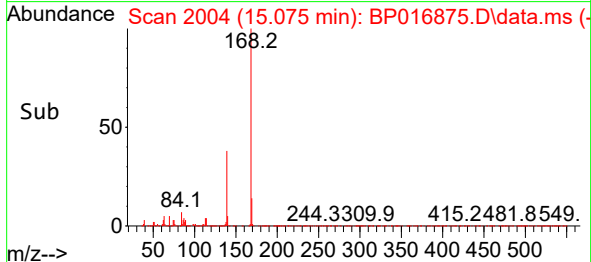
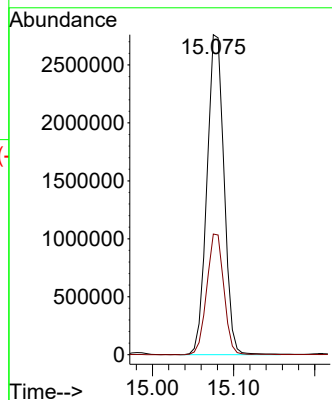
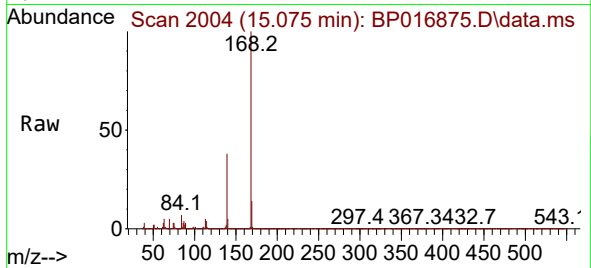




#56
Dibenzenofuran
Concen: 46.856 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

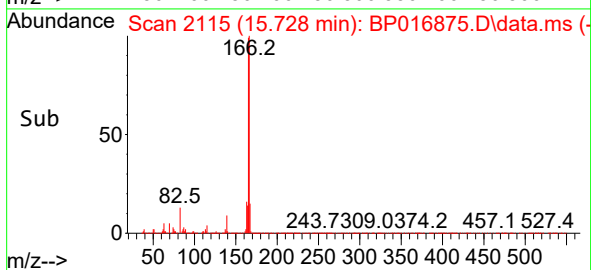
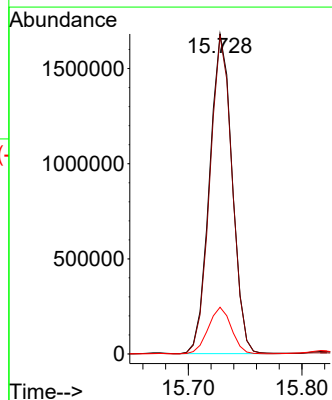
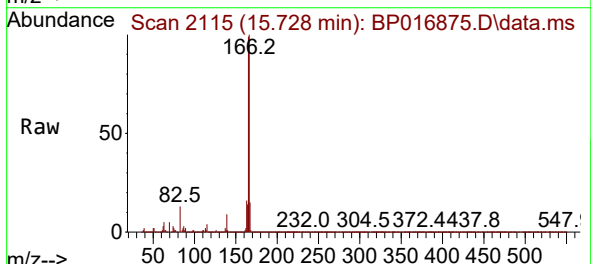
Instrument :
BNA_P
ClientSampleId :

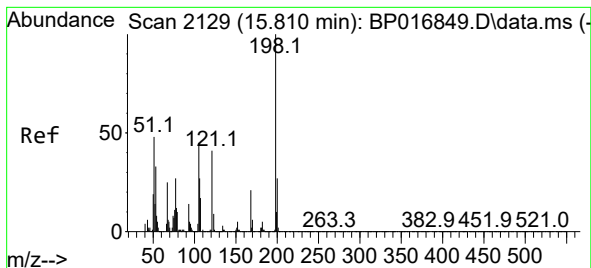
Tgt Ion:168 Resp: 4022659
Ion Ratio Lower Upper
168 100
139 37.7 29.2 43.8



#61
Fluorene
Concen: 32.425 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

Tgt Ion:166 Resp: 2328398
Ion Ratio Lower Upper
166 100
165 99.4 78.8 118.2
167 14.6 10.9 16.3

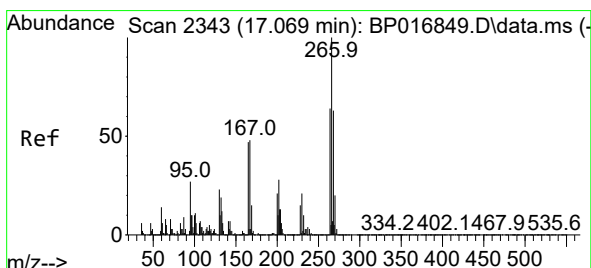
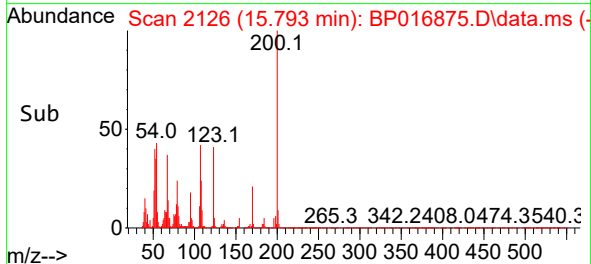
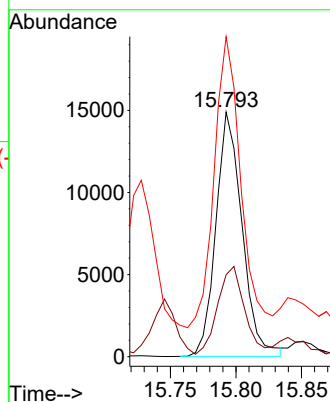
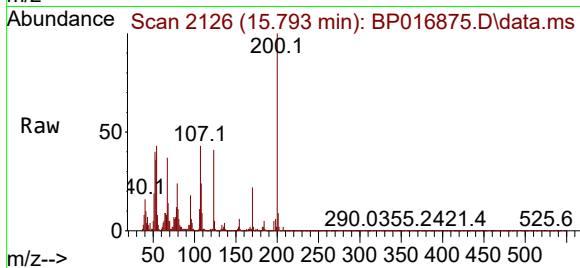




#66
4,6-Dinitro-2-methylphenol
Concen: 1.478 ng/ul
RT: 15.793 min Scan# 2126
Delta R.T. -0.017 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

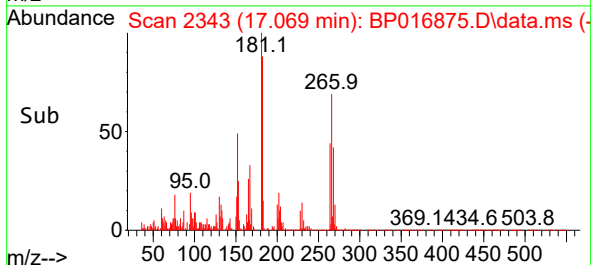
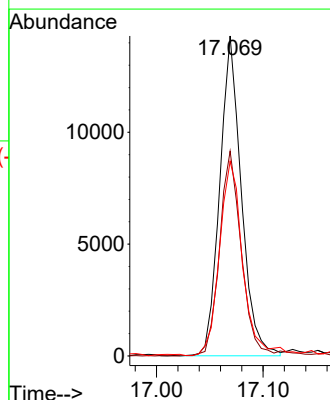
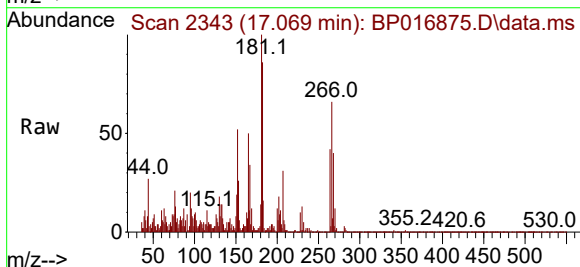
Instrument :
BNA_P
ClientSampleId :

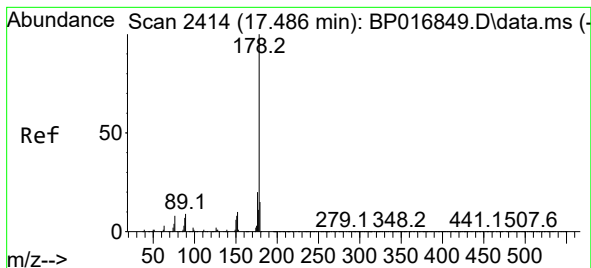
Tgt Ion:198 Resp: 20626
Ion Ratio Lower Upper
198 100
182 33.5 3.2 4.8#
77 130.8 20.7 31.1#



#71
Pentachlorophenol
Concen: 1.159 ng/ul
RT: 17.069 min Scan# 2343
Delta R.T. 0.000 min
Lab File: BP016875.D
Acq: 30 Aug 2023 16:39

Tgt Ion:266 Resp: 20072
Ion Ratio Lower Upper
266 100
264 64.0 50.7 76.1
268 60.9 50.8 76.2





#72

Phenanthrene

Concen: 17.996 ng/ul

RT: 17.487 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016875.D

Acq: 30 Aug 2023 16:39

Instrument :

BNA_P

ClientSampleId :

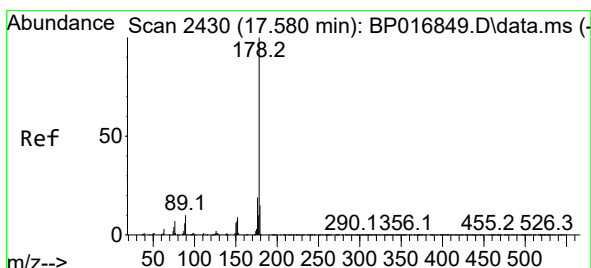
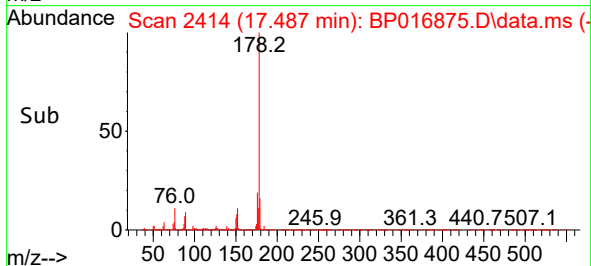
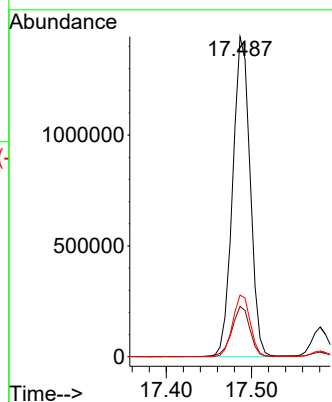
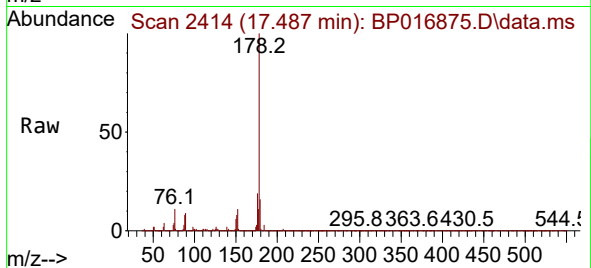
Tgt Ion:178 Resp: 2059069

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.3 15.6 23.4



#74

Anthracene

Concen: 1.571 ng/ul

RT: 17.581 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP016875.D

Acq: 30 Aug 2023 16:39

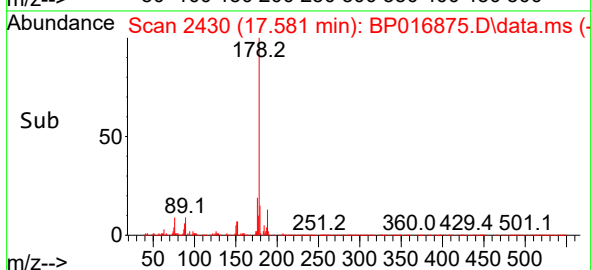
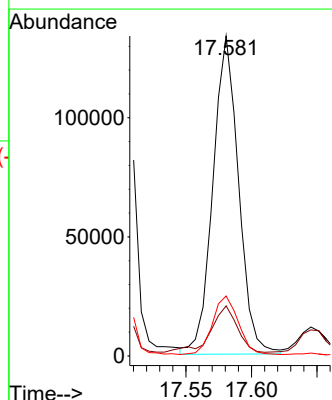
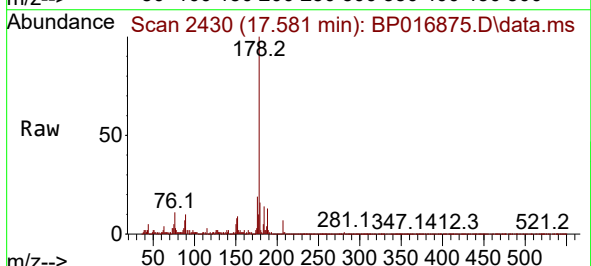
Tgt Ion:178 Resp: 181774

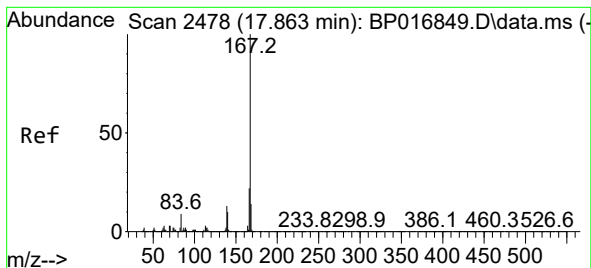
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.7 15.3 22.9





#77

Carbazole

Concen: 82.199 ng/ul

RT: 17.869 min Scan# 2478

Delta R.T. 0.006 min

Lab File: BP016875.D

Acq: 30 Aug 2023 16:39

Instrument :

BNA_P

ClientSampleId :

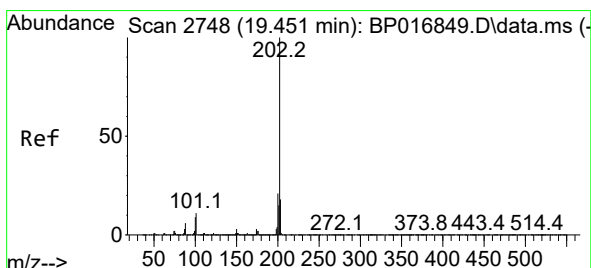
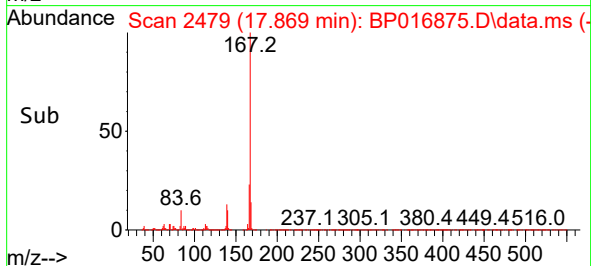
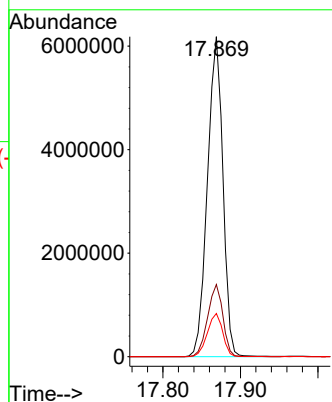
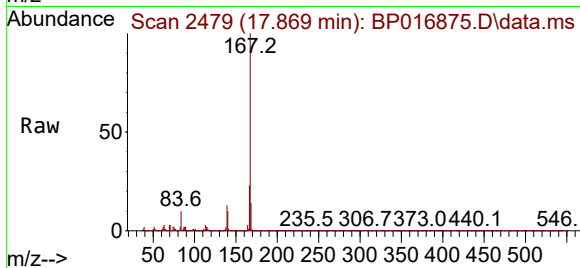
Tgt Ion:167 Resp: 8564885

Ion Ratio Lower Upper

167 100

166 22.5 17.4 26.2

139 13.5 10.4 15.6



#80

Fluoranthene

Concen: 1.643 ng/ul

RT: 19.445 min Scan# 2747

Delta R.T. -0.006 min

Lab File: BP016875.D

Acq: 30 Aug 2023 16:39

Tgt Ion:202 Resp: 187510

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

100 9.1 7.4 11.2

