

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014754.D
 Acq On : 20 Apr 2023 14:02
 Operator : CG/JU
 Sample : 02296-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 20 22:38:59 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)

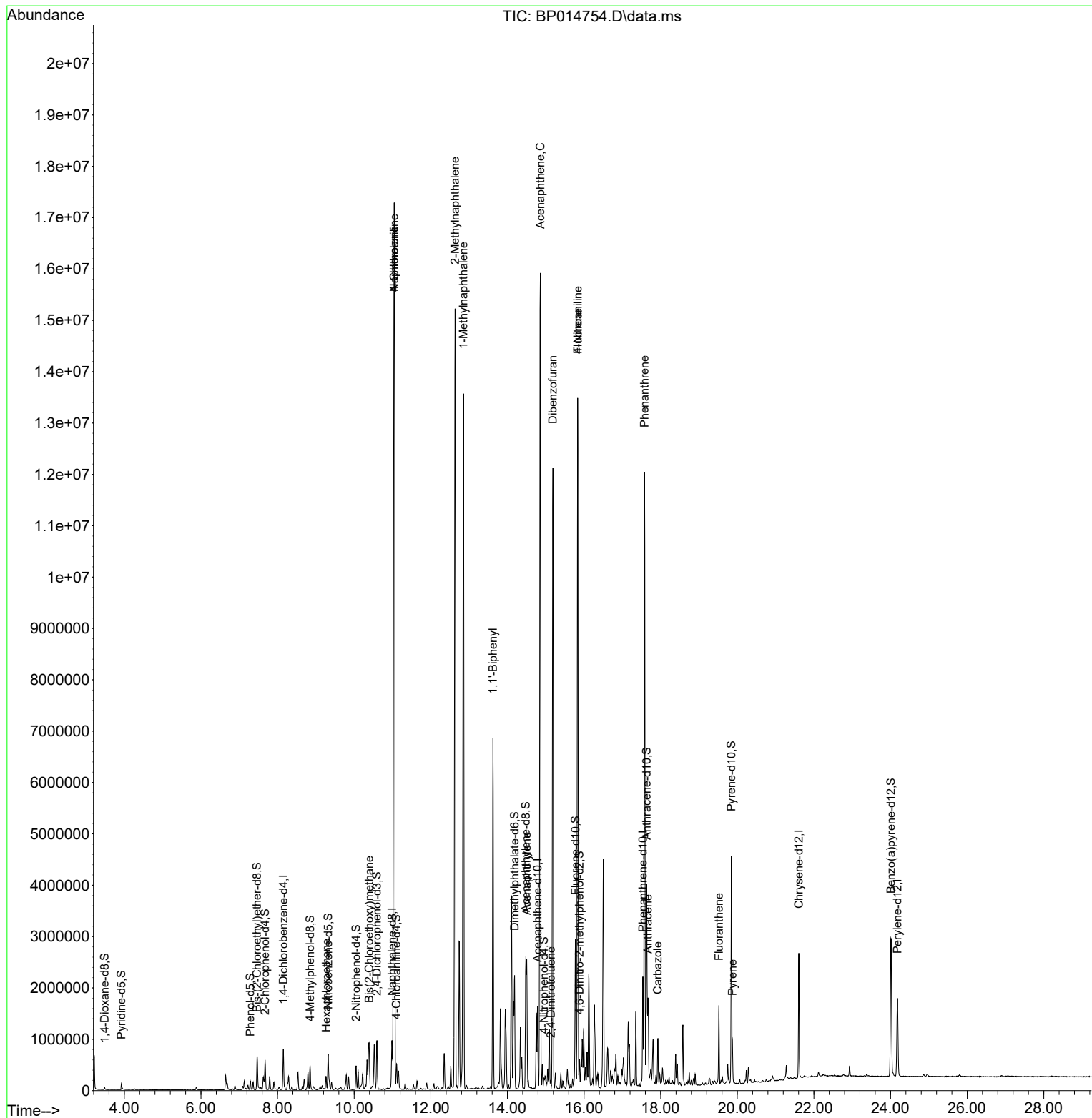
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	209647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	869200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.786	164	554989	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1199481	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1141194	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1249977	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	19776	3.749	ng/uL	0.00
4) Pyridine-d5	3.922	84	63977	4.455	ng/ul	0.00
7) Phenol-d5	7.287	99	83192	4.590	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	281486	25.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	251699	18.697	ng/ul	0.00
15) 4-Methylphenol-d8	8.851	113	174585	12.355	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	157415	28.902	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	138409	28.136	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	337804	25.290	ng/ul	0.00
31) 4-Chloroaniline-d4	11.104	131	287979	14.126	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	1308703	29.781	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1426002	28.001	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	28044	4.012	ng/ul	0.00
60) Fluorene-d10	15.775	176	1128498	29.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	114306	23.548	ng/ul	0.00
73) Anthracene-d10	17.633	188	1825846	31.509	ng/ul	0.00
81) Pyrene-d10	19.845	212	2153081	32.935	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	2118443	32.699	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.269	117	22524	3.798	ng/ul#	7
27) Bis(2-Chloroethoxy)met...	10.393	93	25792	1.246	ng/ul#	1
30) Naphthalene	11.046	128	18726060	384.411	ng/ul	97
32) 4-Chloroaniline	11.046	127	2585473	125.185	ng/ul#	11
36) 2-Methylnaphthalene	12.634	142	8519435	261.970	ng/ul	99
37) 1-Methylnaphthalene	12.851	142	6980543	216.516	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	3505108	77.886	ng/ul	99
50) Acenaphthylene	14.504	152	1124410	20.372	ng/ul#	96
52) Acenaphthene	14.857	153	7537755	200.296	ng/ul	98
56) Dibenzofuran	15.186	168	8740859	165.028	ng/ul	99
57) 2,4-Dinitrotoluene	15.134	165	12490	1.410	ng/ul#	35
61) Fluorene	15.833	166	6588185	152.380	ng/ul	99
63) 4-Nitroaniline	15.833	138	71205	10.374	ng/ul#	20
72) Phenanthrene	17.580	178	7482613	110.687	ng/ul	98
74) Anthracene	17.669	178	311711	4.548	ng/ul	100
77) Carbazole	17.922	167	538390	8.949	ng/ul	100
80) Fluoranthene	19.522	202	854060	11.229	ng/ul	99
82) Pyrene	19.874	202	409892	5.093	ng/ul	99

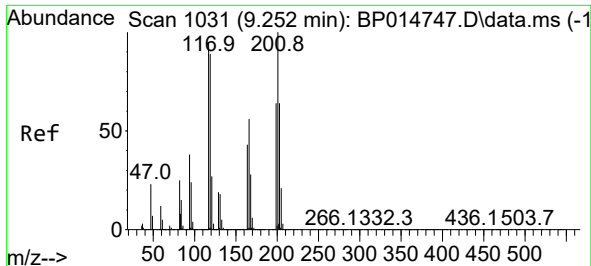
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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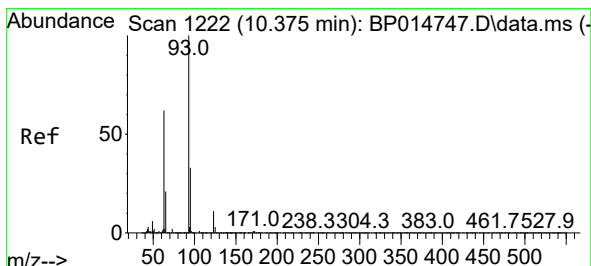
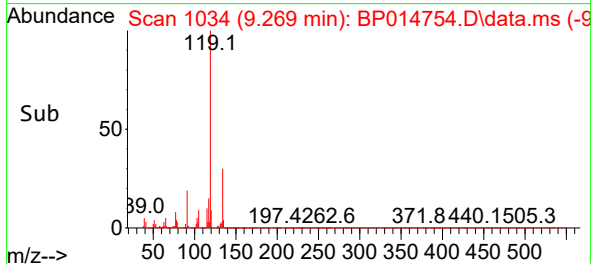
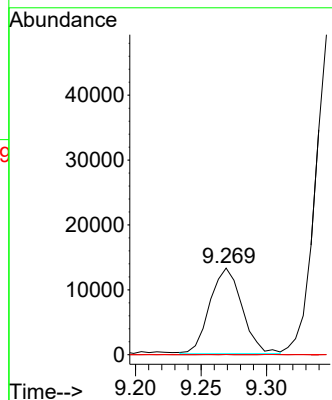
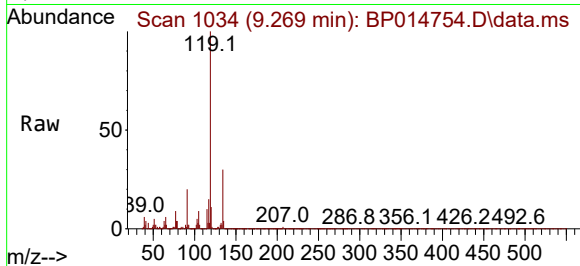




#19
Hexachloroethane
Concen: 3.798 ng/ul
RT: 9.269 min Scan# 1031
Delta R.T. 0.017 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

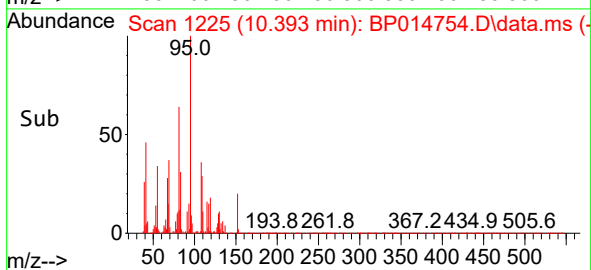
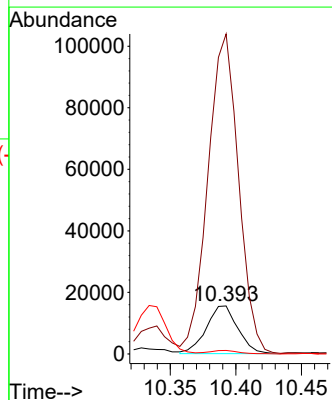
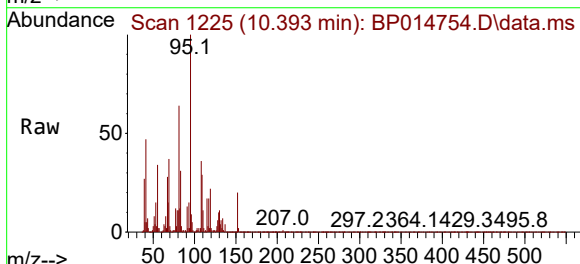
Instrument :
BNA_P
ClientSampleId :

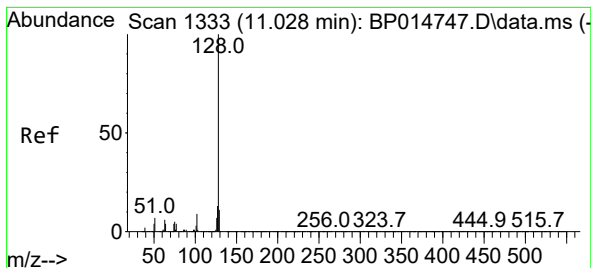
Tgt Ion:117 Resp: 22524
Ion Ratio Lower Upper
117 100
201 0.3 81.0 121.4#
199 0.2 51.5 77.3#



#27
Bis(2-Chloroethoxy)methane
Concen: 1.246 ng/ul
RT: 10.393 min Scan# 1225
Delta R.T. 0.017 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

Tgt Ion: 93 Resp: 25792
Ion Ratio Lower Upper
93 100
95 667.3 25.9 38.9#
123 7.3 9.0 13.6#





#30

Naphthalene

Concen: 384.411 ng/ul

RT: 11.046 min Scan# 1336

Delta R.T. 0.012 min

Lab File: BP014754.D

Acq: 20 Apr 2023 14:02

Instrument :

BNA_P

ClientSampleId :

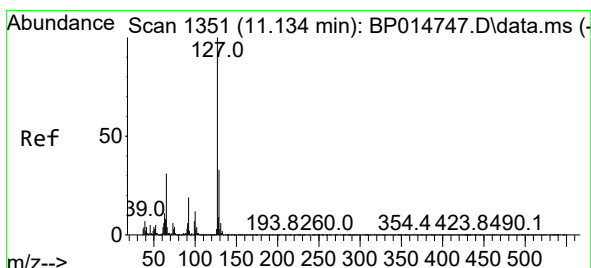
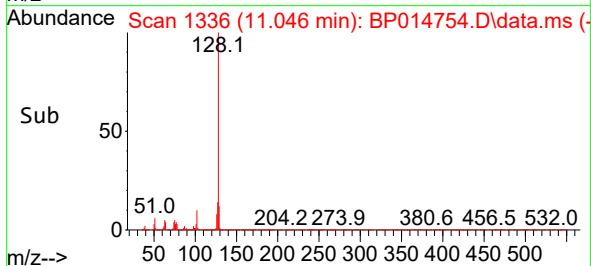
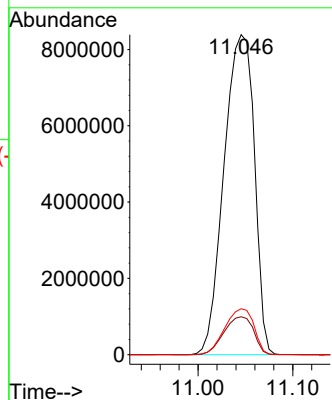
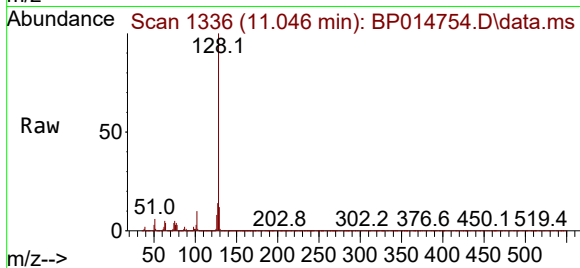
Tgt Ion:128 Resp:18726060

Ion Ratio Lower Upper

128 100

129 11.9 8.9 13.3

127 14.4 10.4 15.6



#32

4-Chloroaniline

Concen: 125.185 ng/ul

RT: 11.046 min Scan# 1336

Delta R.T. -0.088 min

Lab File: BP014754.D

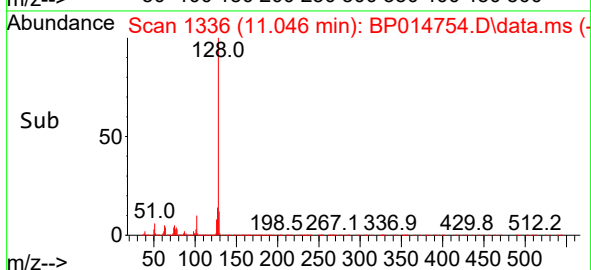
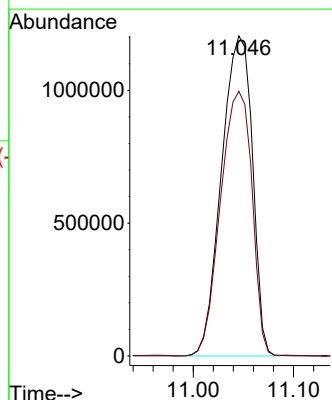
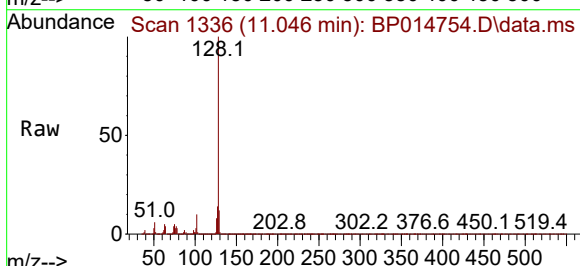
Acq: 20 Apr 2023 14:02

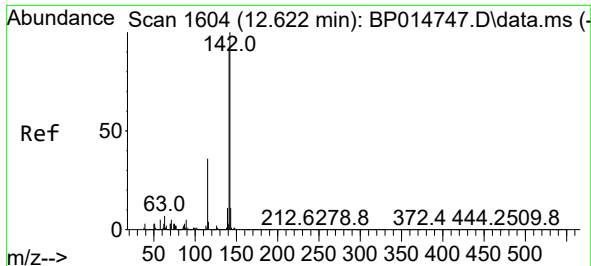
Tgt Ion:127 Resp: 2585473

Ion Ratio Lower Upper

127 100

129 82.7 26.0 39.0#

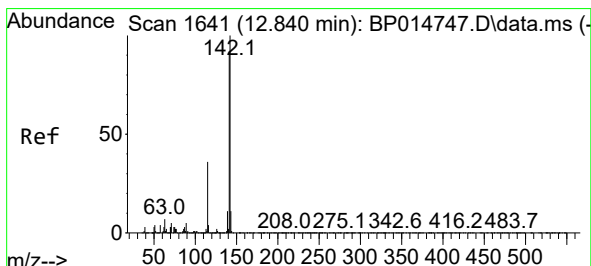
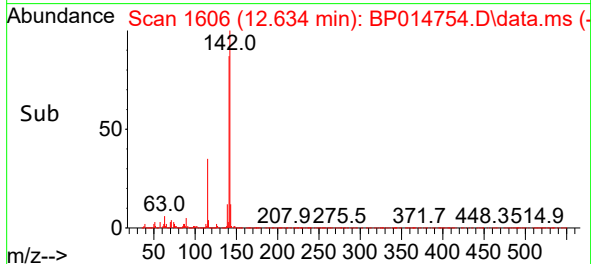
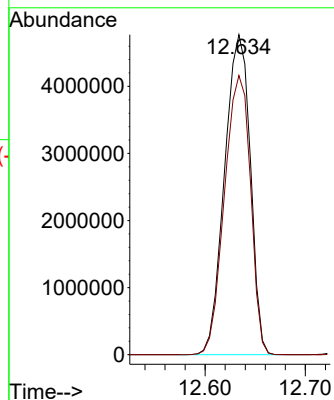
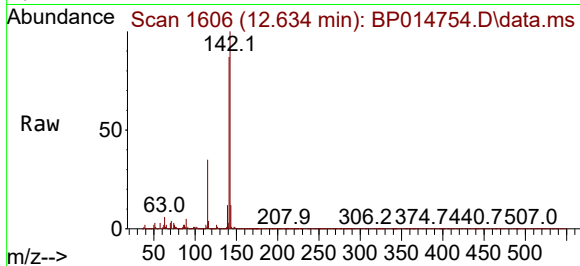




#36
2-Methylnaphthalene
Concen: 261.970 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

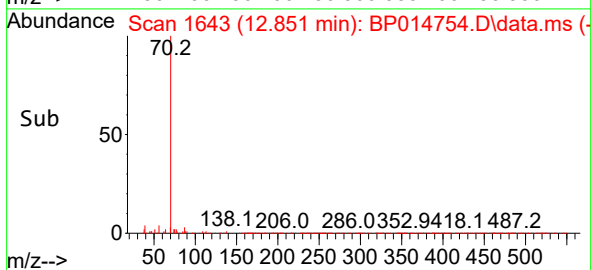
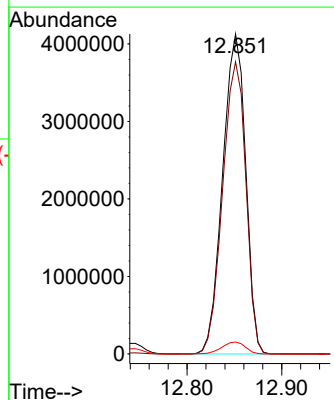
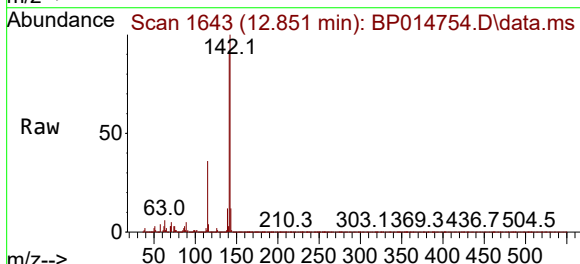
Instrument :
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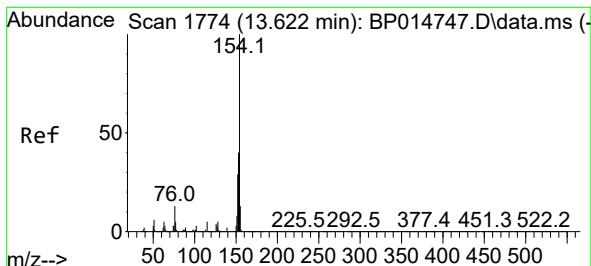
Tgt Ion:142 Resp: 8519435
Ion Ratio Lower Upper
142 100
141 87.3 70.9 106.3



#37
1-Methylnaphthalene
Concen: 216.516 ng/ul
RT: 12.851 min Scan# 1643
Delta R.T. 0.012 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

Tgt Ion:142 Resp: 6980543
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6
116 3.8 3.3 4.9





#43

1,1'-Biphenyl

Concen: 77.886 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BP014754.D

Acq: 20 Apr 2023 14:02

Instrument :

BNA_P

ClientSampleId :

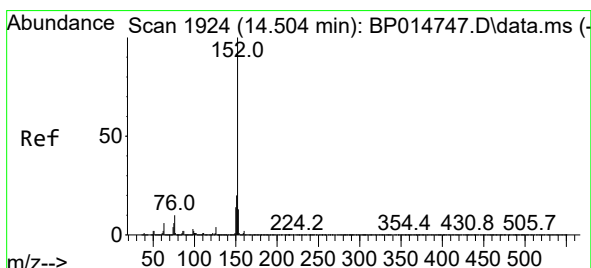
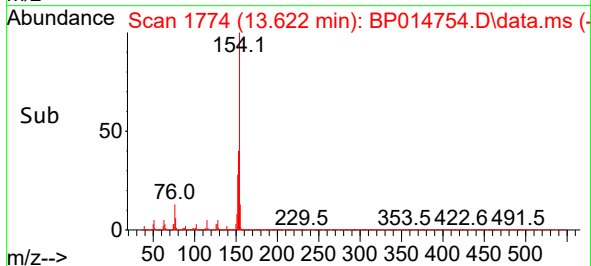
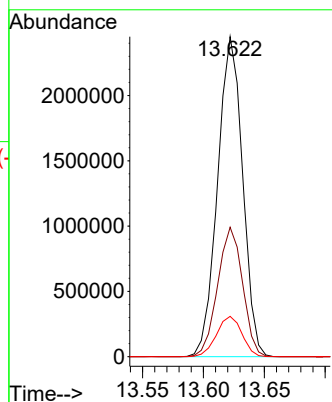
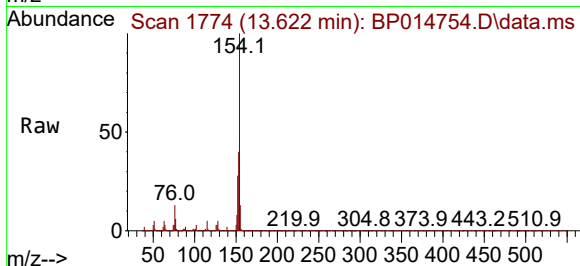
Tgt Ion:154 Resp: 3505108

Ion Ratio Lower Upper

154 100

153 40.5 31.9 47.9

76 12.6 10.8 16.2



#50

Acenaphthylene

Concen: 20.372 ng/ul

RT: 14.504 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP014754.D

Acq: 20 Apr 2023 14:02

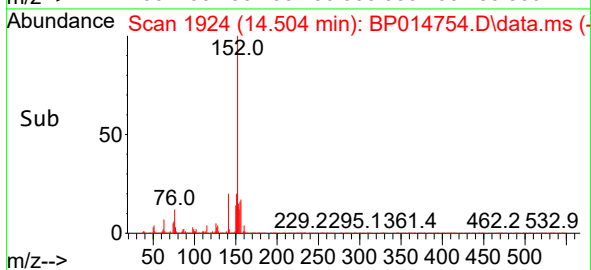
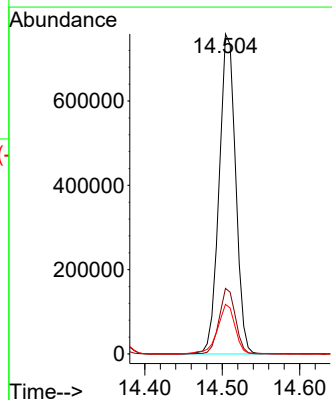
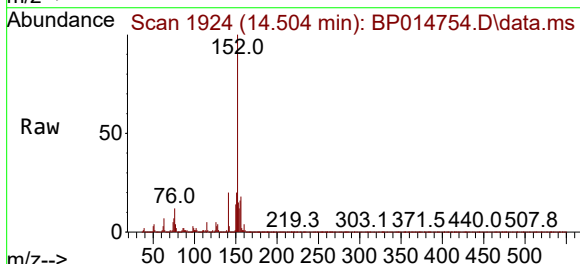
Tgt Ion:152 Resp: 1124410

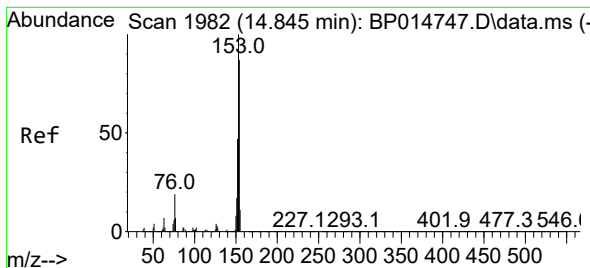
Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

153 15.5 10.0 15.0#





#52

Acenaphthene

Concen: 200.296 ng/ul

RT: 14.857 min Scan# 1982

Delta R.T. 0.012 min

Lab File: BP014754.D

Acq: 20 Apr 2023 14:02

Instrument :

BNA_P

ClientSampleId :

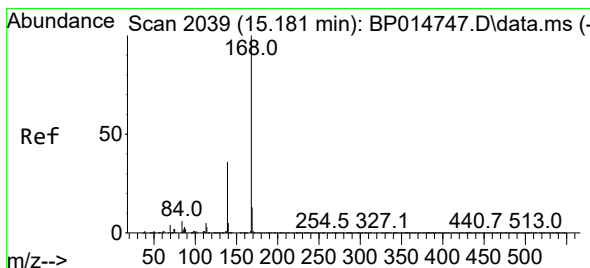
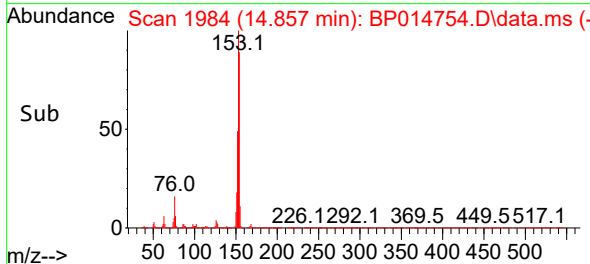
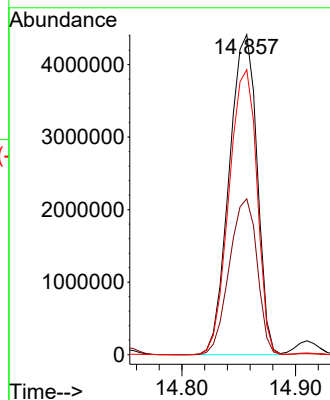
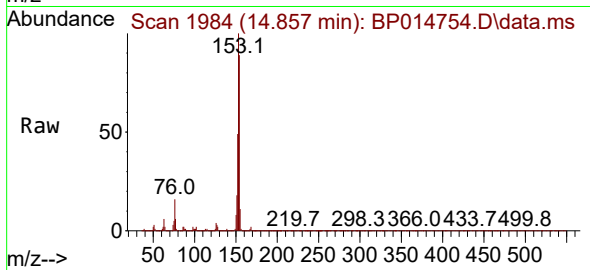
Tgt Ion:153 Resp: 7537755

Ion Ratio Lower Upper

153 100

152 48.7 38.4 57.6

154 89.1 69.8 104.8



#56

Dibenzofuran

Concen: 165.028 ng/ul

RT: 15.186 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BP014754.D

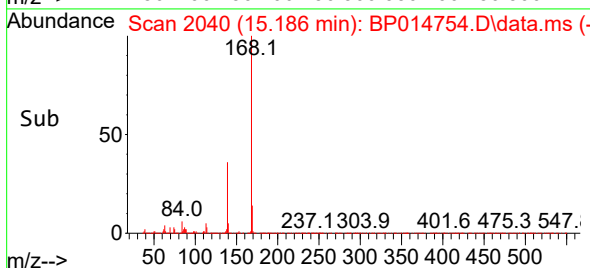
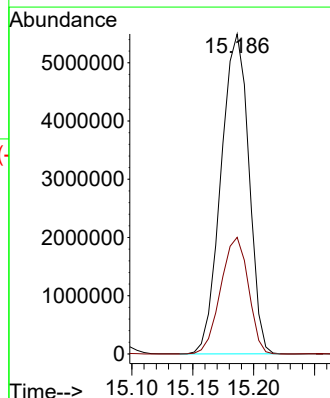
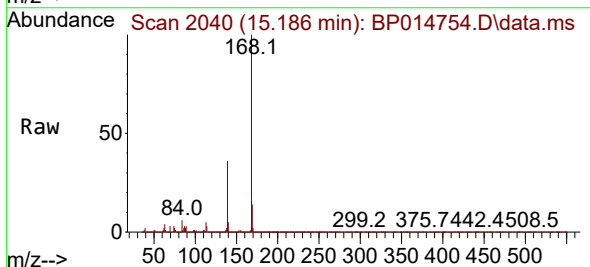
Acq: 20 Apr 2023 14:02

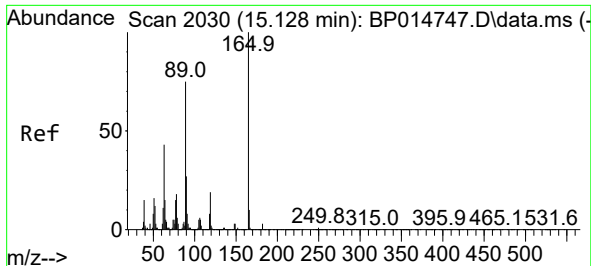
Tgt Ion:168 Resp: 8740859

Ion Ratio Lower Upper

168 100

139 36.4 29.8 44.8

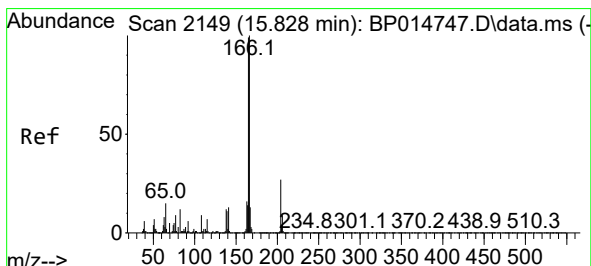
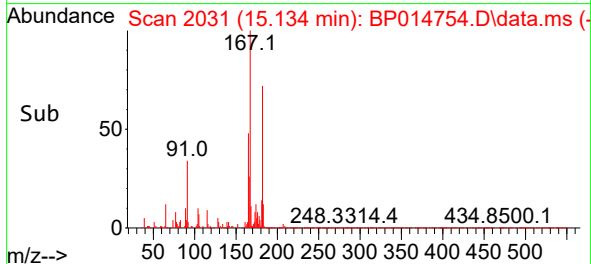
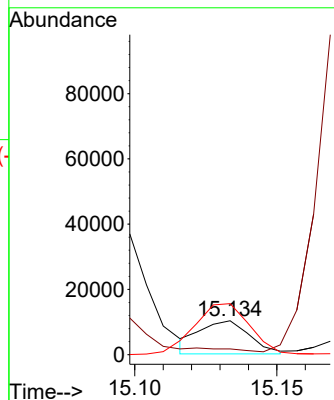
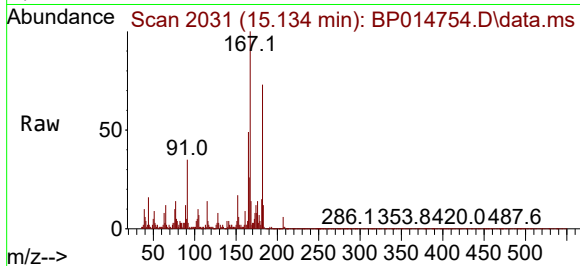




#57
2,4-Dinitrotoluene
Concen: 1.410 ng/ul
RT: 15.134 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

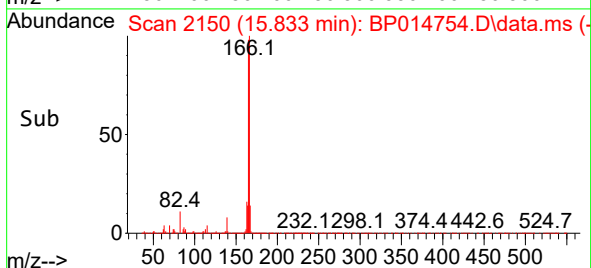
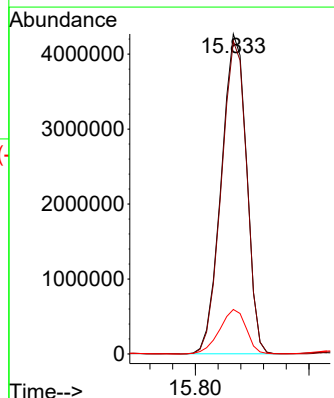
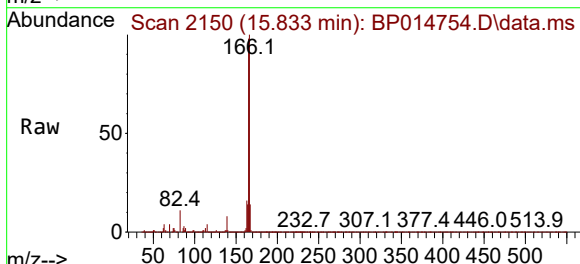
Instrument :
BNA_P
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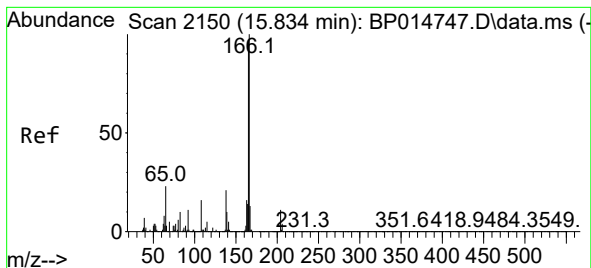
Tgt Ion:165 Resp: 12490
Ion Ratio Lower Upper
165 100
63 17.1 36.6 54.8#
182 150.5 2.1 3.1#



#61
Fluorene
Concen: 152.380 ng/ul
RT: 15.833 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

Tgt Ion:166 Resp: 6588185
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.9 10.5 15.7

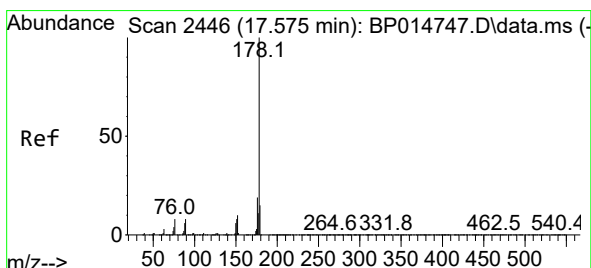
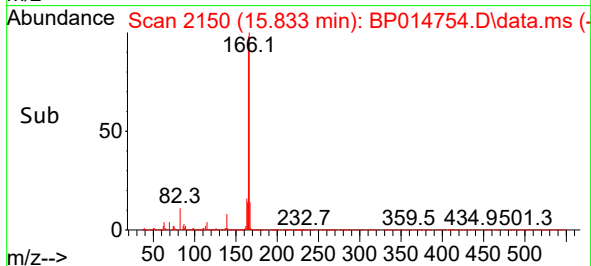
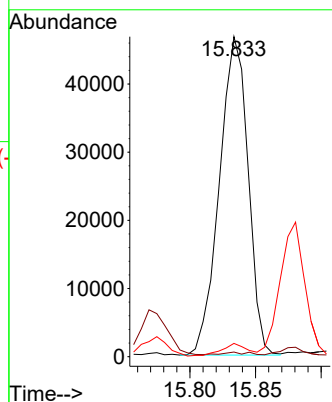
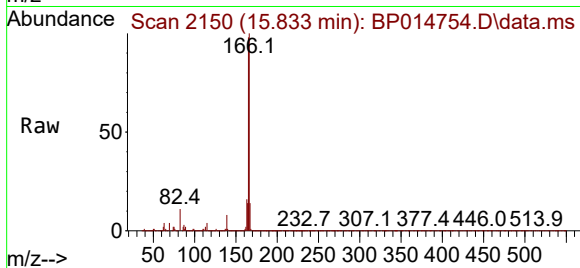




#63
4-Nitroaniline
Concen: 10.374 ng/ul
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

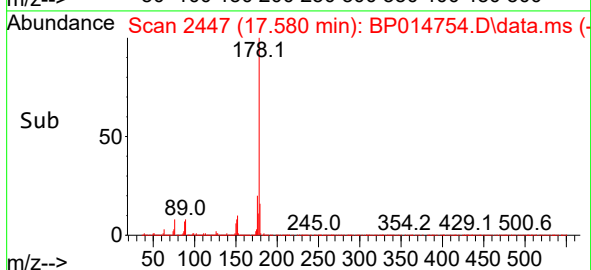
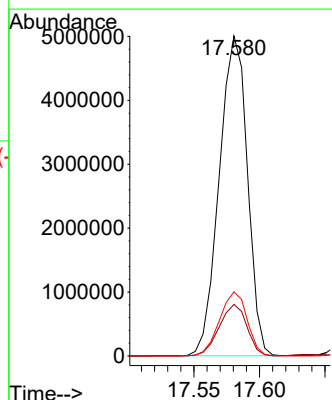
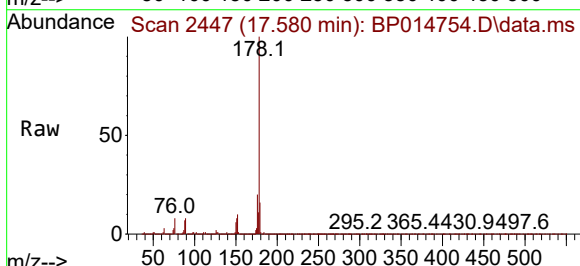
Instrument :
BNA_P
ClientSampleId :

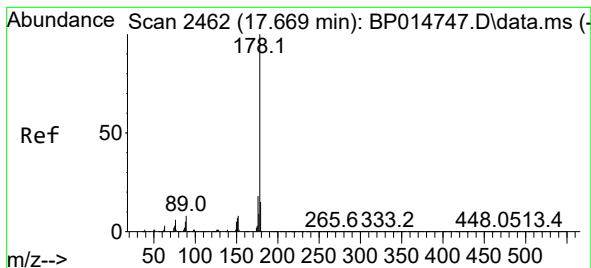
Tgt Ion:138 Resp: 71205
Ion Ratio Lower Upper
138 100
92 1.5 40.9 61.3#
108 4.2 63.8 95.6#



#72
Phenanthrene
Concen: 110.687 ng/ul
RT: 17.580 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

Tgt Ion:178 Resp: 7482613
Ion Ratio Lower Upper
178 100
179 16.1 12.1 18.1
176 20.0 15.3 22.9





#74

Anthracene

Concen: 4.548 ng/ul

RT: 17.669 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BP014754.D

Acq: 20 Apr 2023 14:02

Instrument :

BNA_P

ClientSampleId :

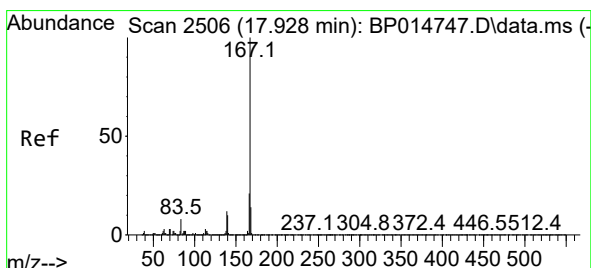
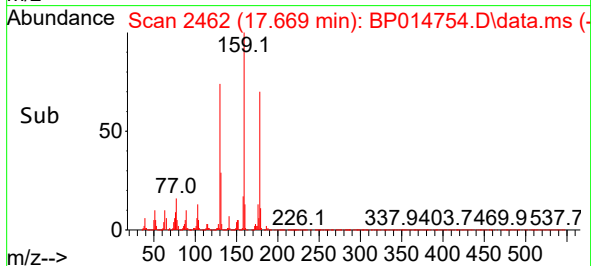
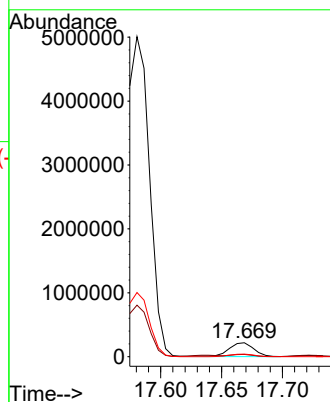
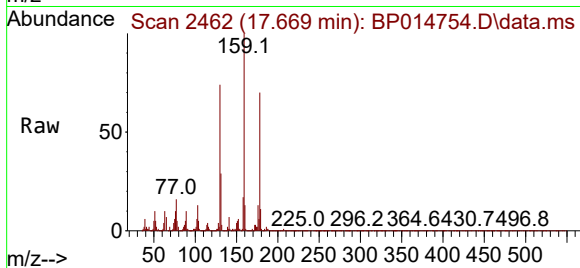
Tgt Ion:178 Resp: 311711

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.8 15.1 22.7



#77

Carbazole

Concen: 8.949 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014754.D

Acq: 20 Apr 2023 14:02

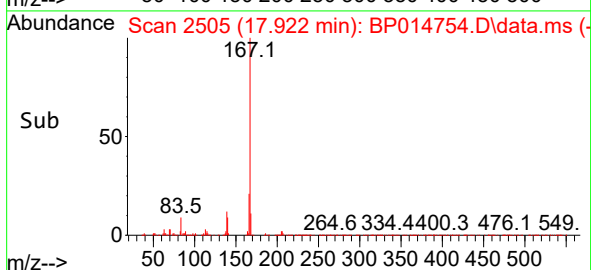
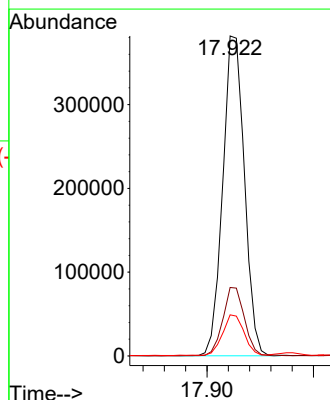
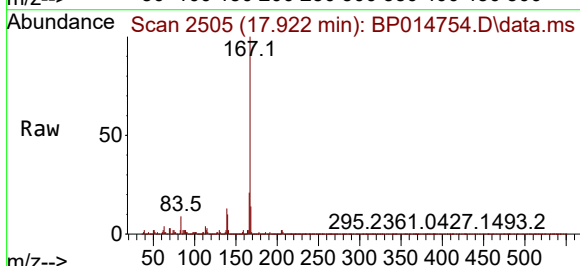
Tgt Ion:167 Resp: 538390

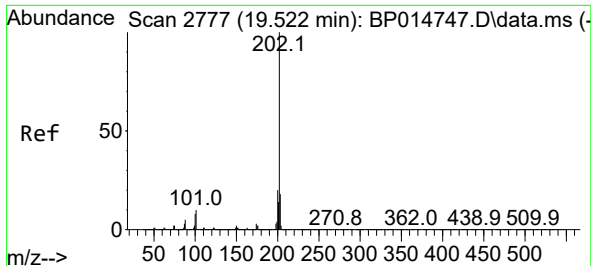
Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.9 10.2 15.2

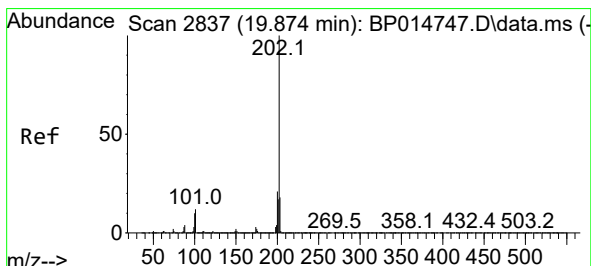
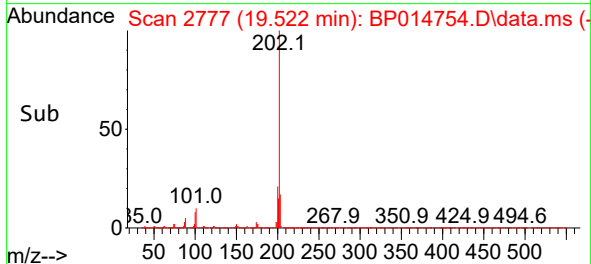
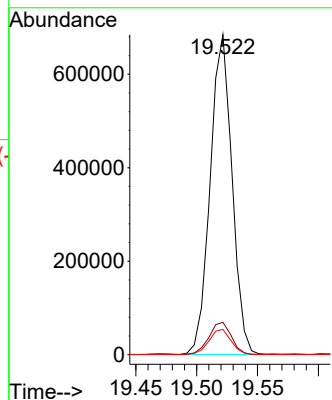
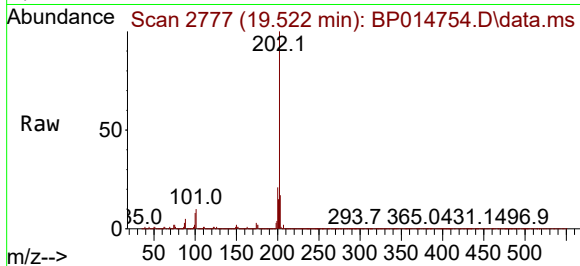




#80
Fluoranthene
Concen: 11.229 ng/ul
RT: 19.522 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 854060
Ion Ratio Lower Upper
202 100
101 10.1 8.4 12.6
100 7.9 6.4 9.6



#82
Pyrene
Concen: 5.093 ng/ul
RT: 19.874 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BP014754.D
Acq: 20 Apr 2023 14:02

Tgt Ion:202 Resp: 409892
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.0
100 10.4 8.0 12.0

