

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058814.D
 Acq On : 22 Aug 2023 19:10
 Operator : MA/JU
 Sample : 04047-01DL2 500X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 02:32:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

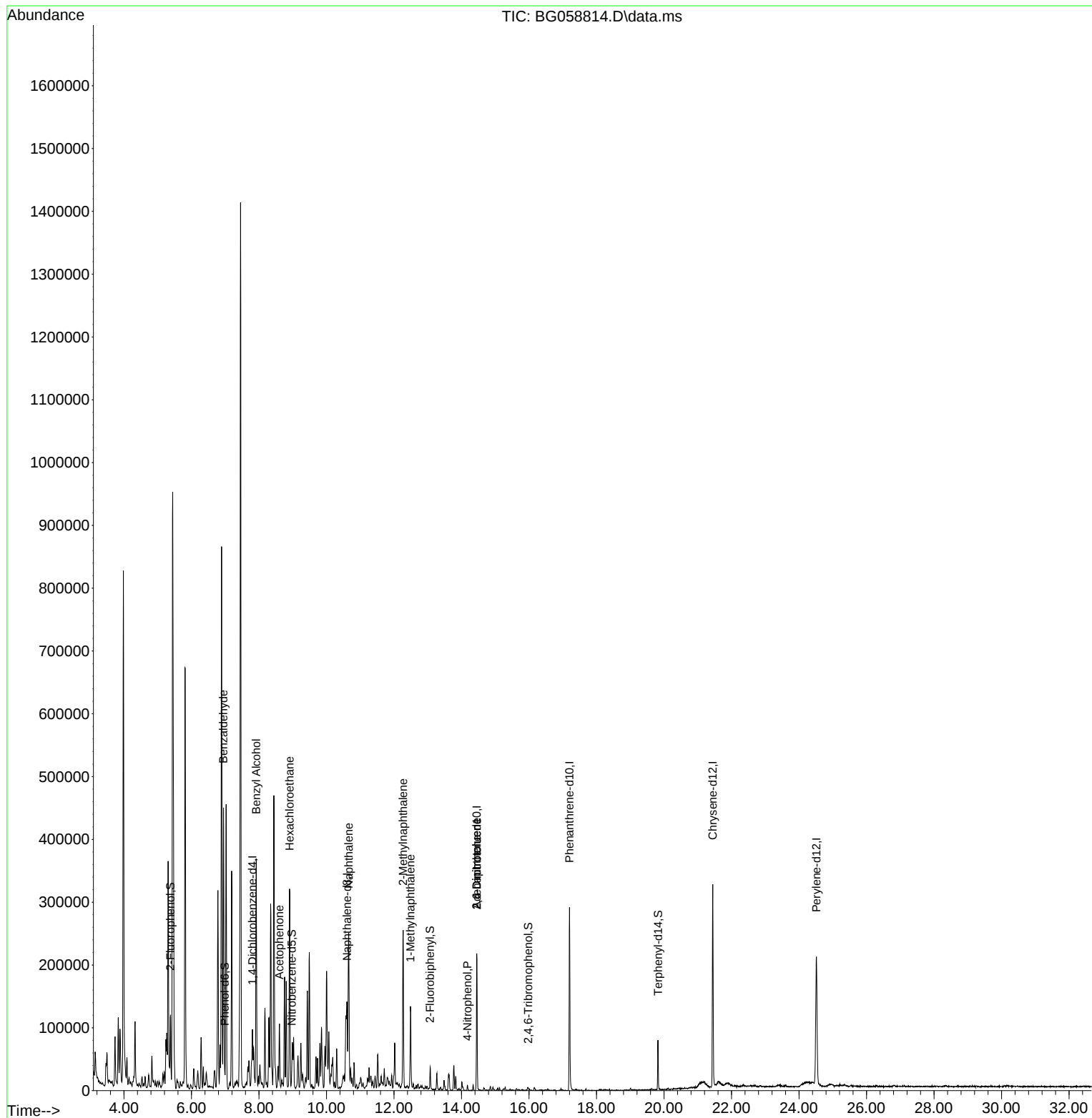
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	25980	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	109549	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	79398	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	202501	20.000	ng	0.00
76) Chrysene-d12	21.443	240	195720	20.000	ng	0.00
86) Perylene-d12	24.516	264	240492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	8439	5.227	ng	0.00
7) Phenol-d6	6.984	99	11908	5.257	ng	0.00
23) Nitrobenzene-d5	8.969	82	8027	3.523	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	2831	2.274	ng	0.03
45) 2-Fluorobiphenyl	13.070	172	21211	3.886	ng	0.00
79) Terphenyl-d14	19.821	244	45777	4.200	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.948	77	28657	22.555	ng	# 1
15) Benzyl Alcohol	7.918	79	18923	11.685	ng	# 7
18) Hexachloroethane	8.911	117	24880	38.947	ng	# 1
22) Acetophenone	8.605	105	71968	24.269	ng	# 53
31) Naphthalene	10.656	128	158451	27.547	ng	99
37) 2-Methylnaphthalene	12.271	142	125906	30.476	ng	98
38) 1-Methylnaphthalene	12.489	142	60854	15.518	ng	99
51) 2,6-Dinitrotoluene	14.451	165	10444	8.087	ng	# 24
56) 4-Nitrophenol	14.175	139	194	4.661	ng	# 1
57) 2,4-Dinitrotoluene	14.451	165	10444	5.798	ng	# 20

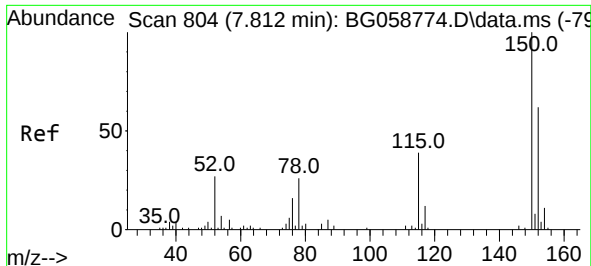
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
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BNA_G
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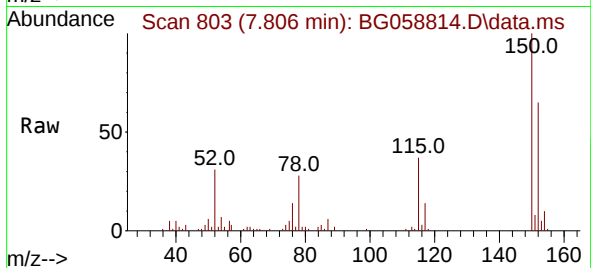
Quant Time: Aug 23 02:32:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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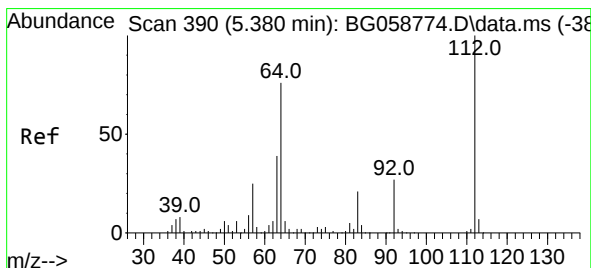
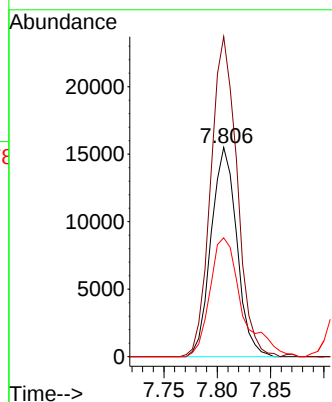
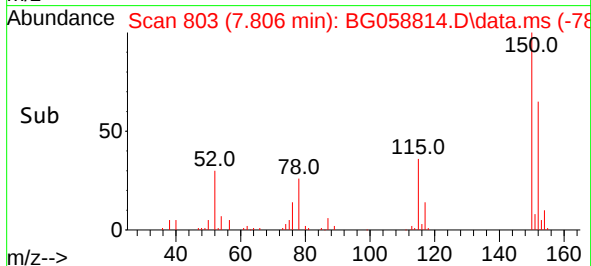


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Instrument :
BNA_G
ClientSampleId :

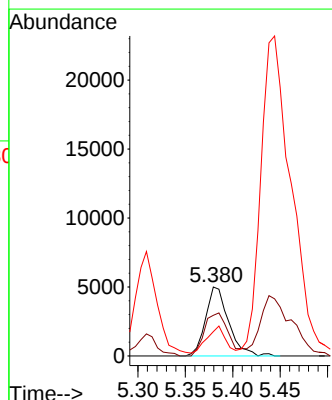
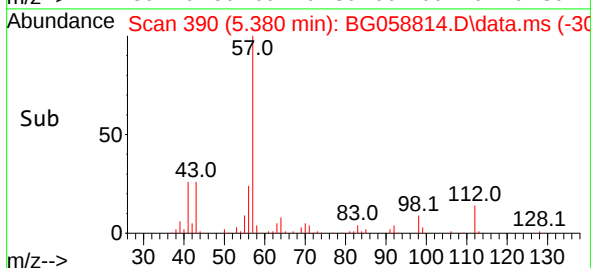
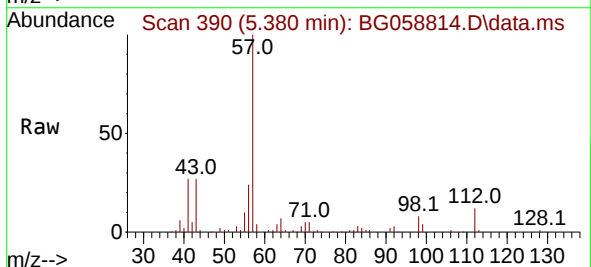


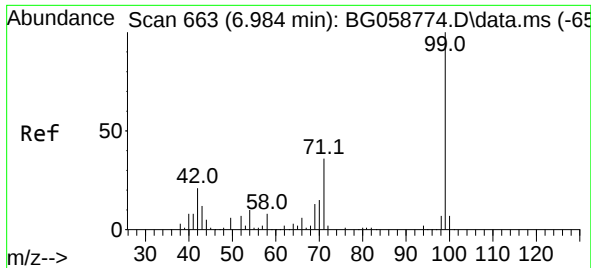
Tgt Ion:152 Resp: 25980
Ion Ratio Lower Upper
152 100
150 152.9 128.6 192.8
115 56.8 50.4 75.6



#5
2-Fluorophenol
Concen: 5.227 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion:112 Resp: 8439
Ion Ratio Lower Upper
112 100
64 59.0 60.6 90.8#
63 35.4 31.0 46.4

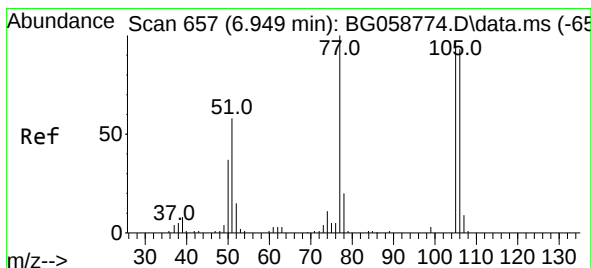
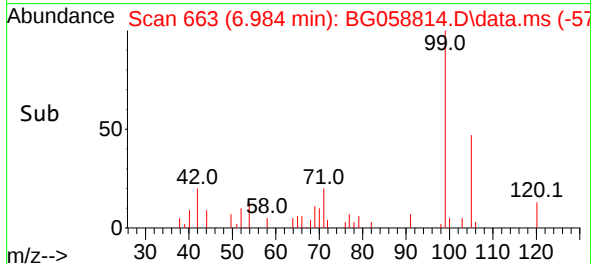
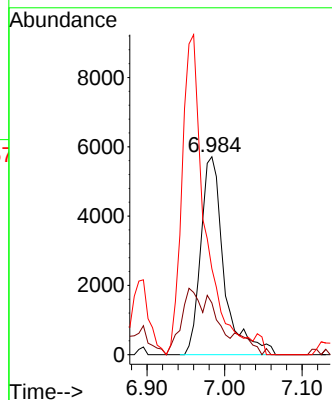
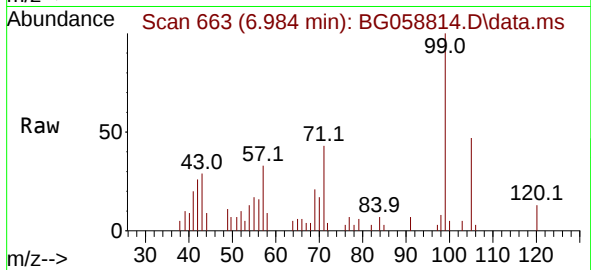




#7
Phenol-d6
Concen: 5.257 ng
RT: 6.984 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

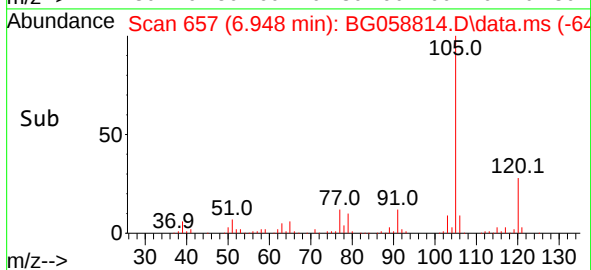
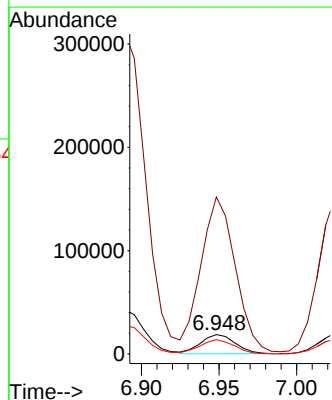
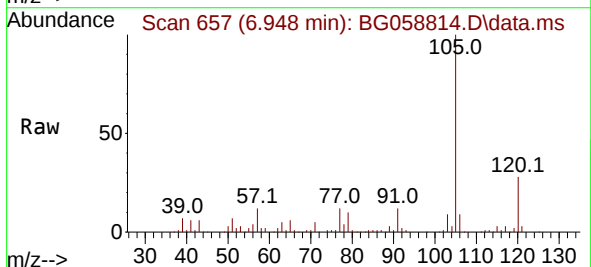
Instrument :
BNA_G
ClientSampleId :

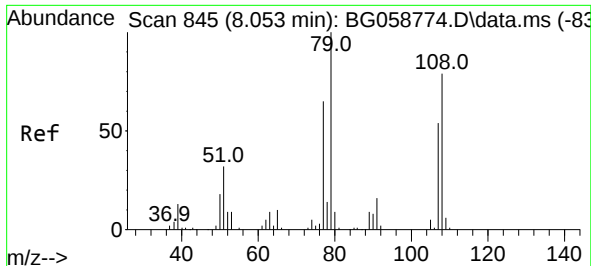
Tgt Ion: 99 Resp: 11908
Ion Ratio Lower Upper
99 100
42 26.2 16.5 24.7#
71 43.4 28.4 42.6#



#9
Benzaldehyde
Concen: 22.555 ng
RT: 6.948 min Scan# 657
Delta R.T. -0.000 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion: 77 Resp: 28657
Ion Ratio Lower Upper
77 100
105 812.3 76.7 116.7#
106 74.7 73.4 113.4

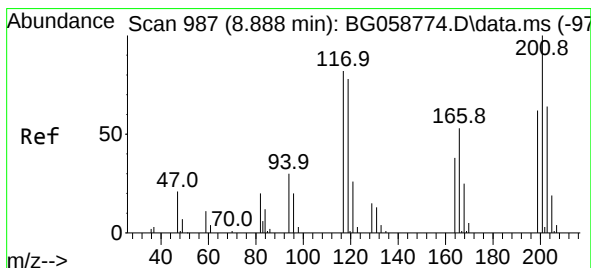
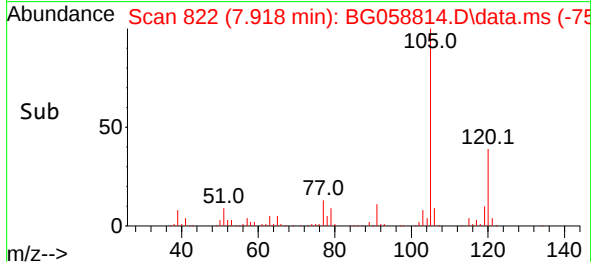
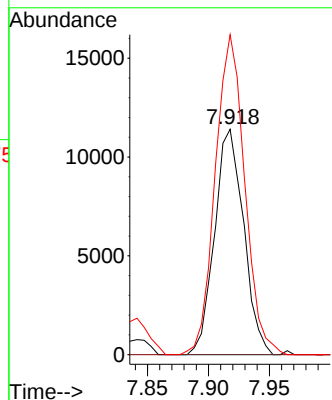
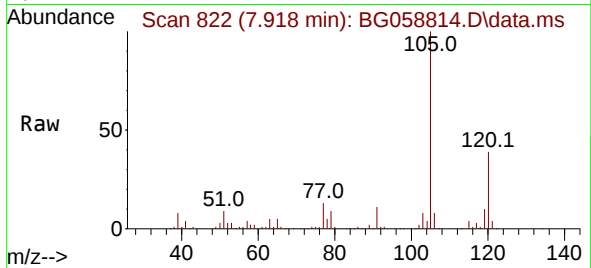




#15
Benzyl Alcohol
Concen: 11.685 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.136 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

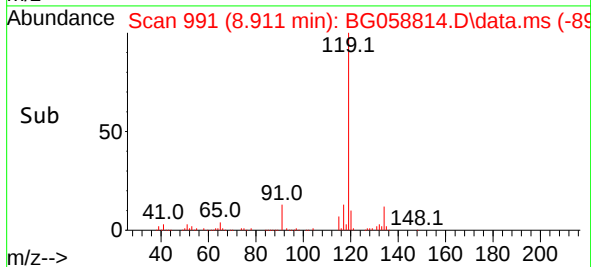
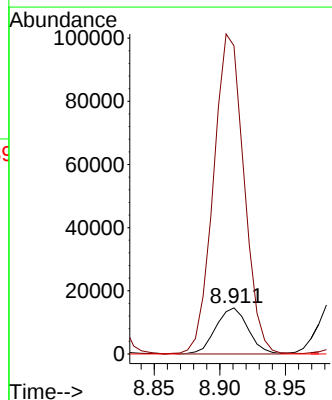
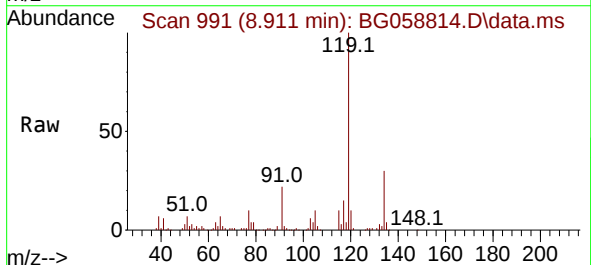
Instrument :
BNA_G
ClientSampleId :

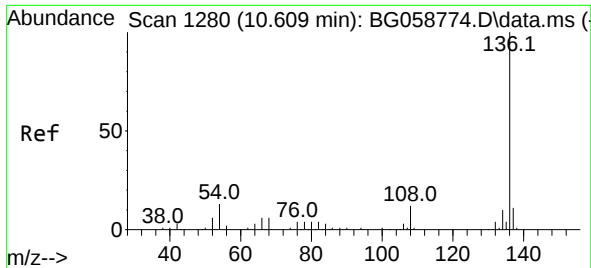
Tgt Ion: 79 Resp: 18923
Ion Ratio Lower Upper
79 100
108 0.0 63.4 95.0#
77 142.0 52.2 78.2#



#18
Hexachloroethane
Concen: 38.947 ng
RT: 8.911 min Scan# 991
Delta R.T. 0.023 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion: 117 Resp: 24880
Ion Ratio Lower Upper
117 100
119 667.7 76.6 115.0#
201 0.0 97.0 145.6#



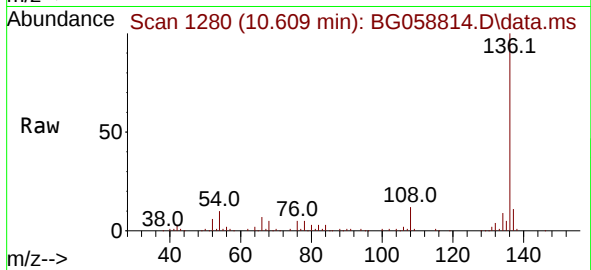


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

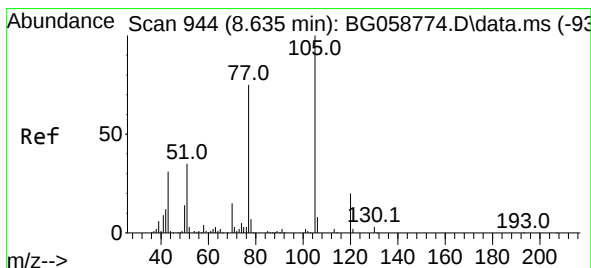
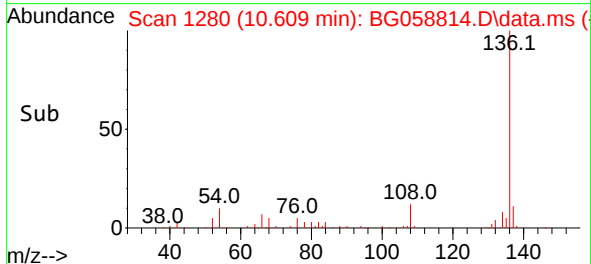
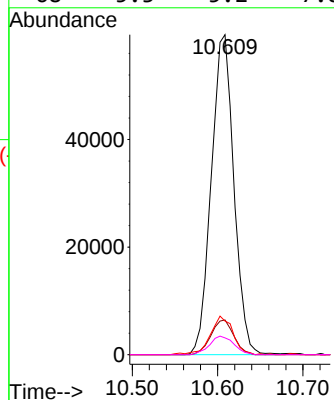
Instrument :

BNA_G

ClientSampleId :

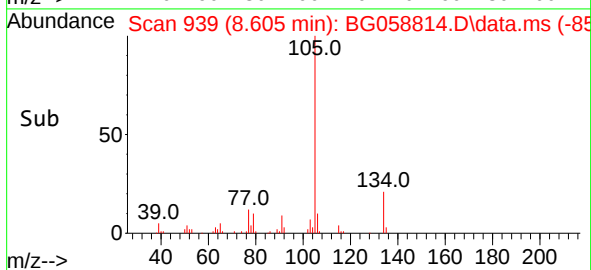
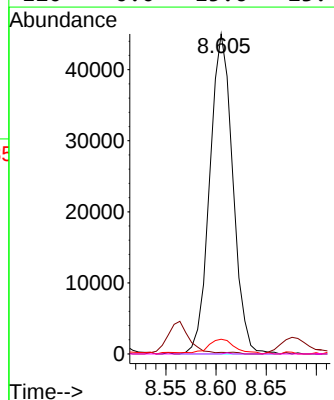
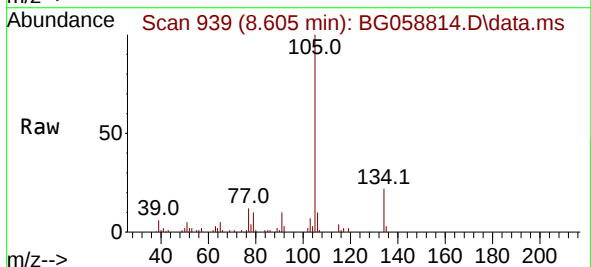


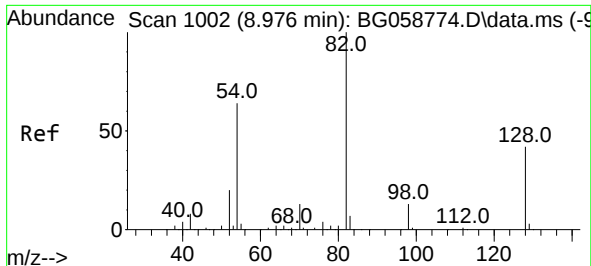
Tgt Ion:136 Resp: 109549
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.5 10.1 15.1
68 5.3 5.2 7.8



#22
Acetophenone
Concen: 24.269 ng
RT: 8.605 min Scan# 939
Delta R.T. -0.030 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion:105 Resp: 71968
Ion Ratio Lower Upper
105 100
71 0.5 2.2 3.2#
51 4.6 28.5 42.7#
120 0.0 15.6 23.4#

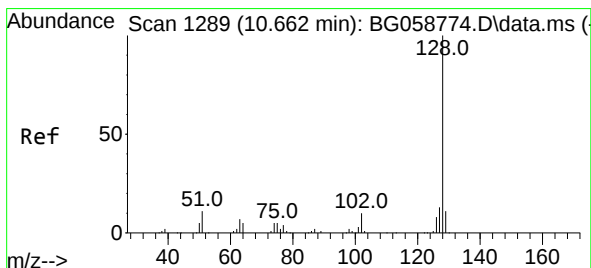
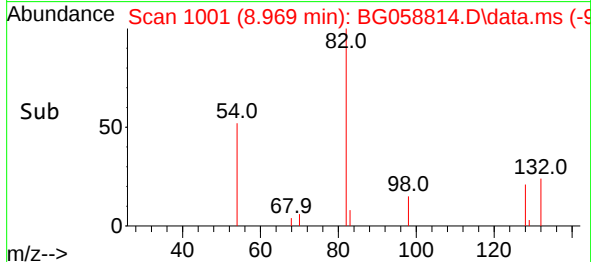
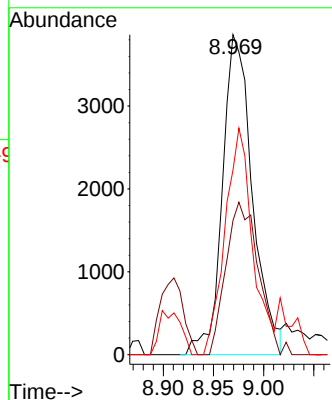
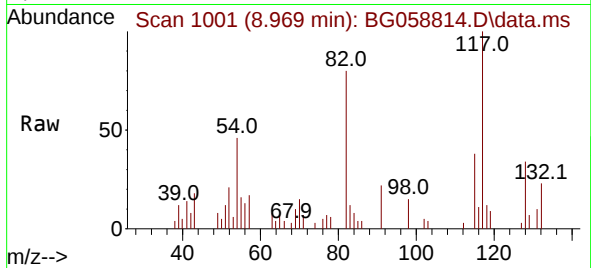




#23
Nitrobenzene-d5
Concen: 3.523 ng
RT: 8.969 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

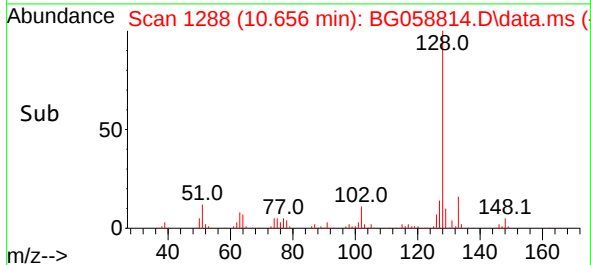
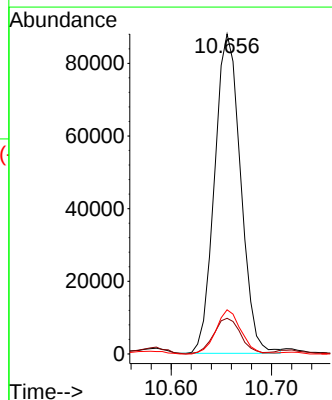
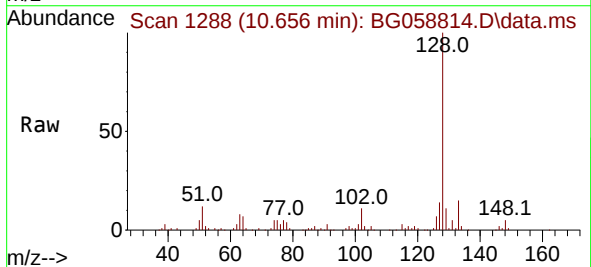
Instrument :
BNA_G
ClientSampleId :

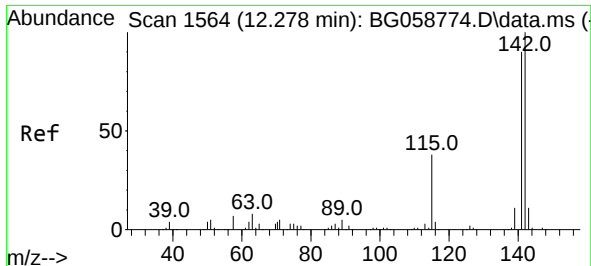
Tgt Ion: 82 Resp: 8027
Ion Ratio Lower Upper
82 100
128 41.9 33.2 49.8
54 57.7 51.2 76.8



#31
Naphthalene
Concen: 27.547 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion:128 Resp: 158451
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.8 10.6 15.8





#37

2-Methylnaphthalene

Concen: 30.476 ng

RT: 12.271 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058814.D

Acq: 22 Aug 2023 19:10

Instrument :

BNA_G

ClientSampleId :

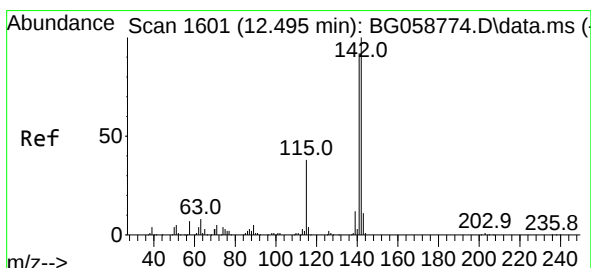
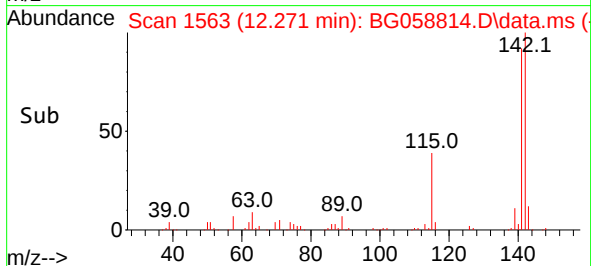
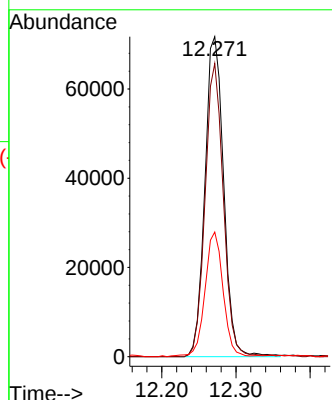
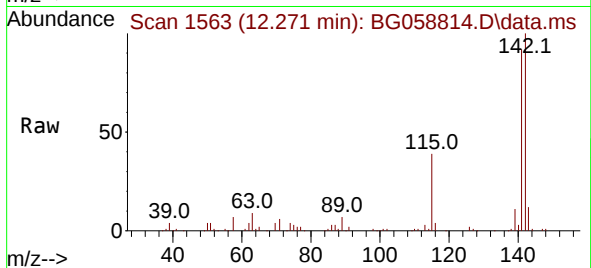
Tgt Ion:142 Resp: 125906

Ion Ratio Lower Upper

142 100

141 91.6 71.8 107.8

115 39.0 30.6 45.8



#38

1-Methylnaphthalene

Concen: 15.518 ng

RT: 12.489 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BG058814.D

Acq: 22 Aug 2023 19:10

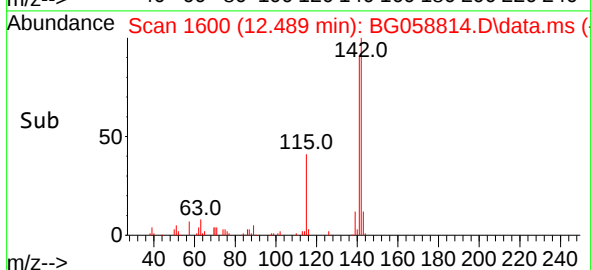
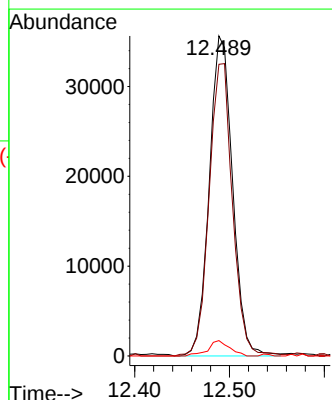
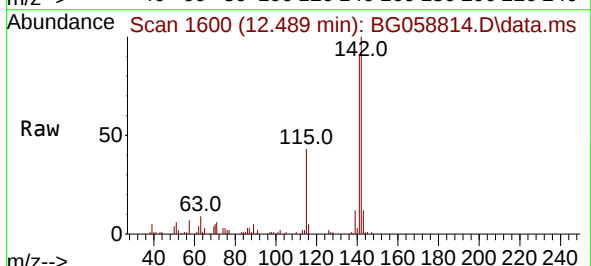
Tgt Ion:142 Resp: 60854

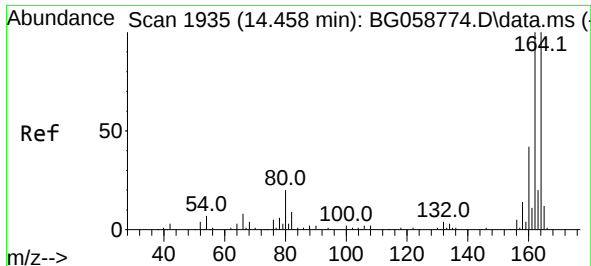
Ion Ratio Lower Upper

142 100

141 91.2 73.9 110.9

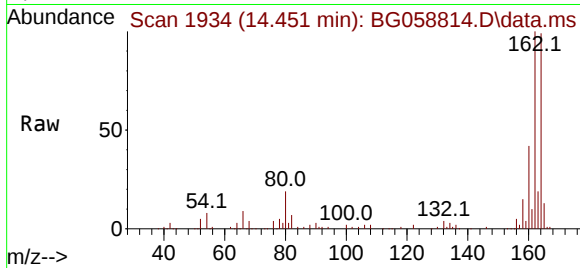
116 4.8 3.2 4.8



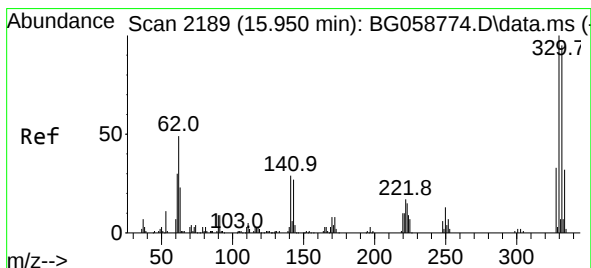
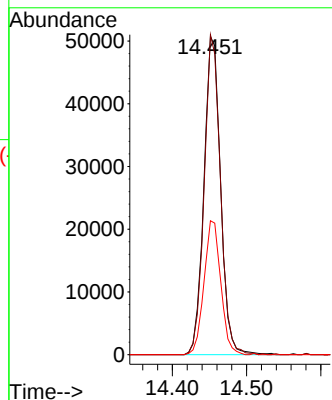
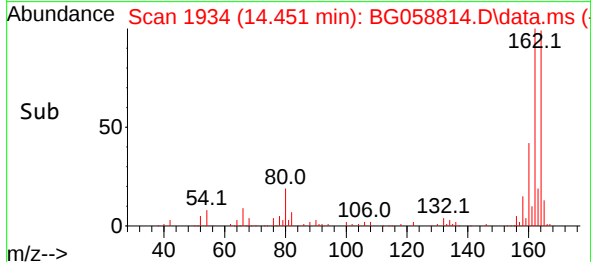


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

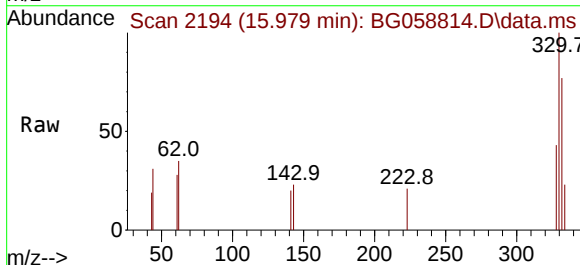
Instrument :
BNA_G
ClientSampleId :



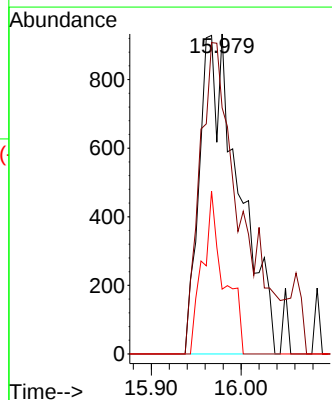
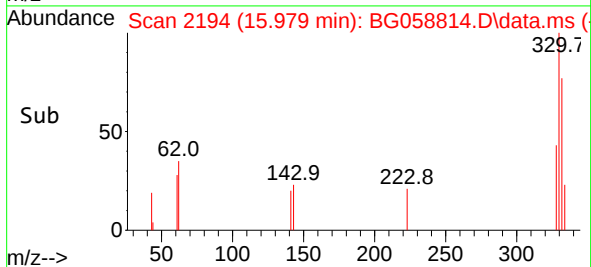
Tgt Ion:164 Resp: 79398
Ion Ratio Lower Upper
164 100
162 100.6 79.6 119.4
160 42.1 34.0 51.0

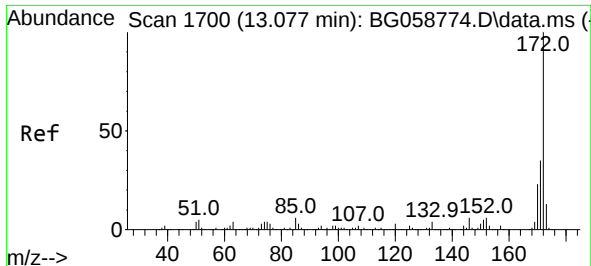


#42
2,4,6-Tribromophenol
Concen: 2.274 ng
RT: 15.979 min Scan# 2194
Delta R.T. 0.029 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10



Tgt Ion:330 Resp: 2831
Ion Ratio Lower Upper
330 100
332 100.2 78.5 117.7
141 27.9 23.0 34.6

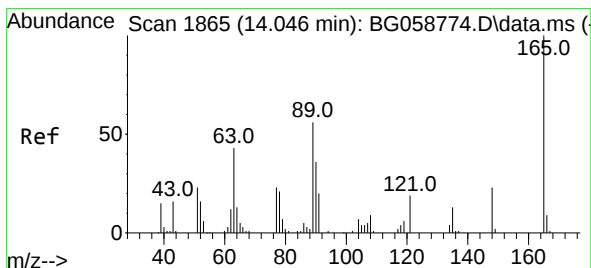
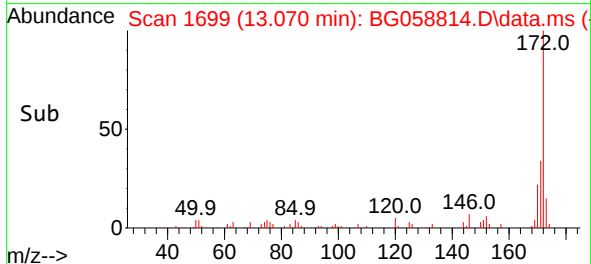
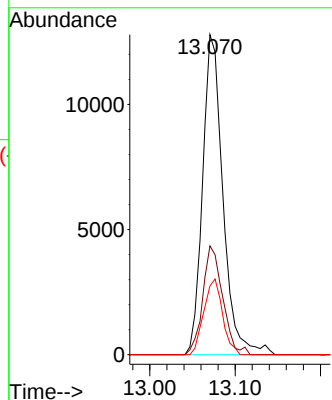
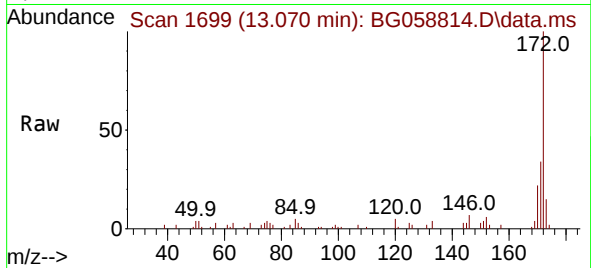




#45
2-Fluorobiphenyl
Concen: 3.886 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

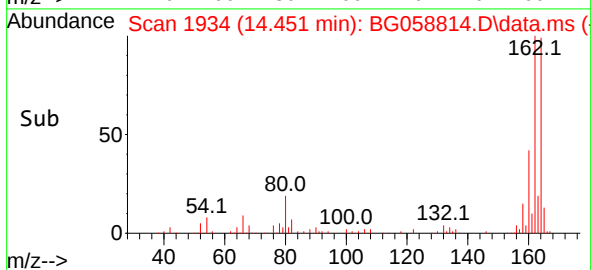
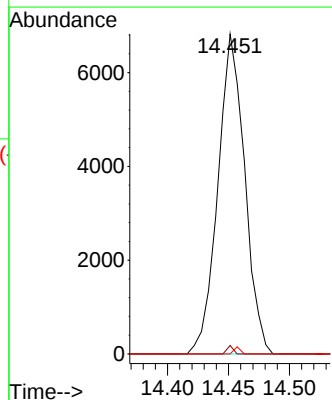
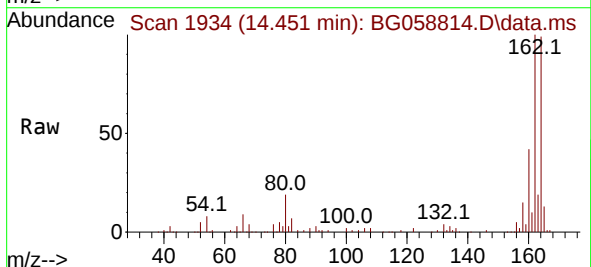
Instrument :
BNA_G
ClientSampleId :

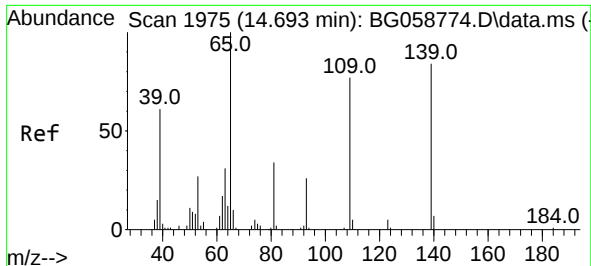
Tgt Ion:172 Resp: 21211
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 21.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.087 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.405 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

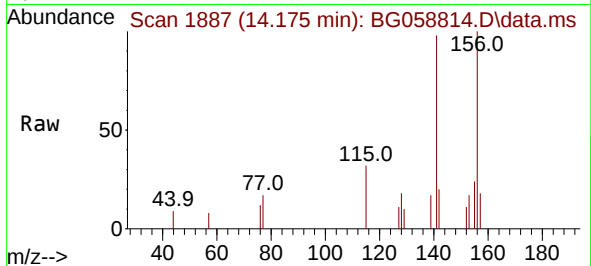
Tgt Ion:165 Resp: 10444
Ion Ratio Lower Upper
165 100
63 2.6 47.2 70.8#
89 0.0 45.0 67.4#



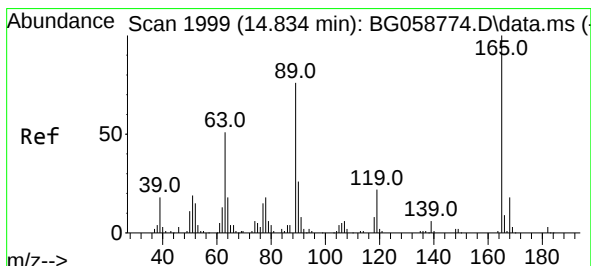
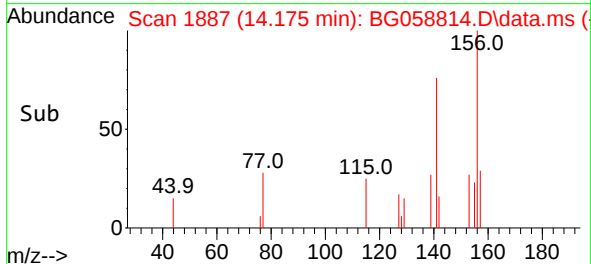
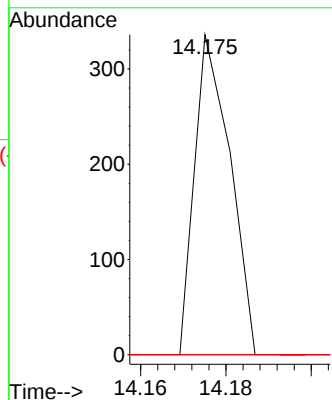


#56
4-Nitrophenol
Concen: 4.661 ng
RT: 14.175 min Scan# 11
Delta R.T. -0.518 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Instrument :
BNA_G
ClientSampleId :

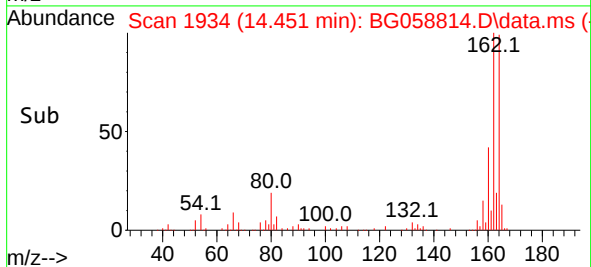
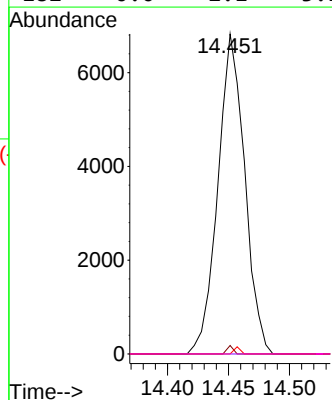
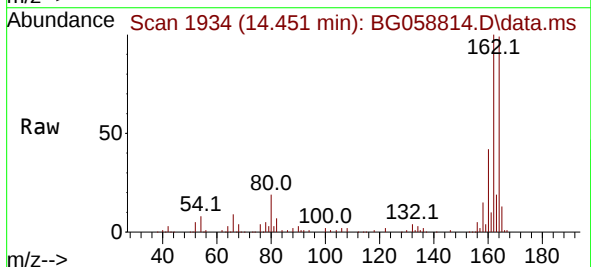


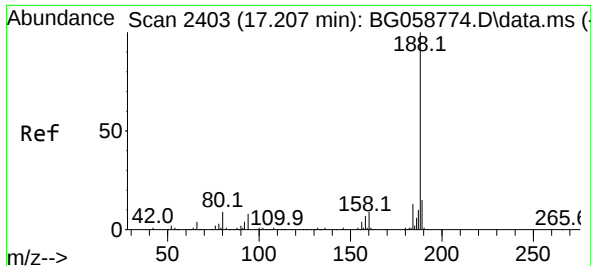
Tgt Ion:139 Resp: 194
Ion Ratio Lower Upper
139 100
109 0.0 71.9 111.9#
65 0.0 100.7 140.7#



#57
2,4-Dinitrotoluene
Concen: 5.798 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.382 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion:165 Resp: 10444
Ion Ratio Lower Upper
165 100
63 2.6 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#

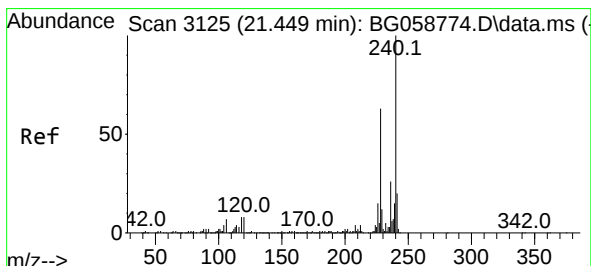
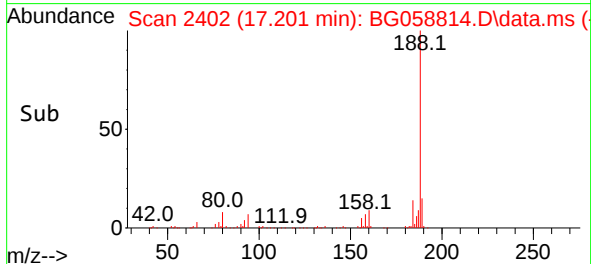
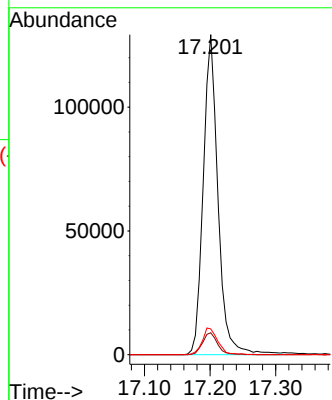
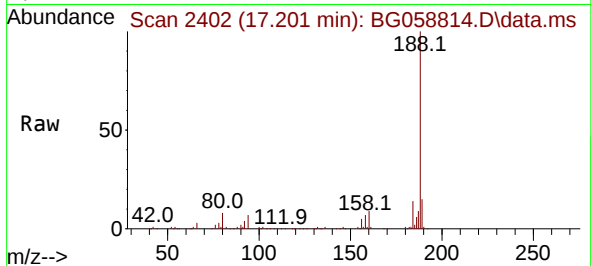




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

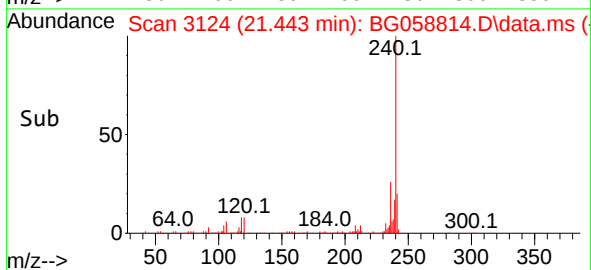
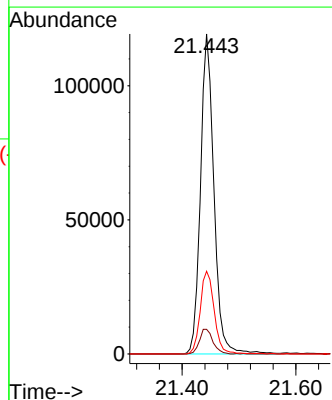
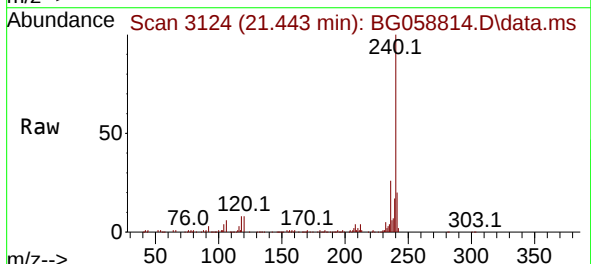
Instrument :
BNA_G
ClientSampleId :

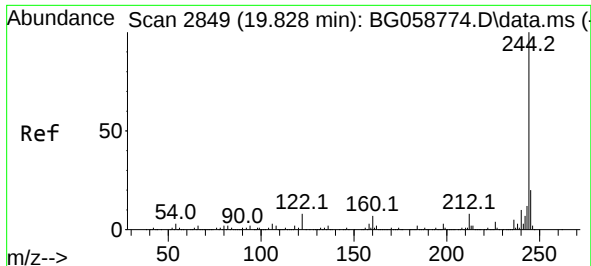
Tgt Ion:188 Resp: 202501
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

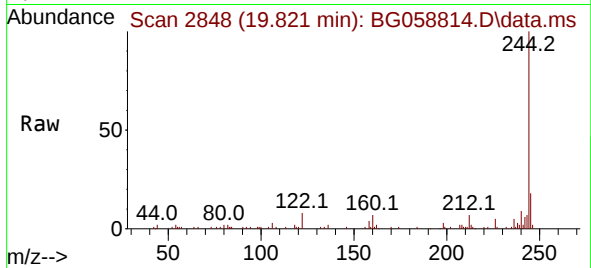
Tgt Ion:240 Resp: 195720
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 25.8 20.5 30.7



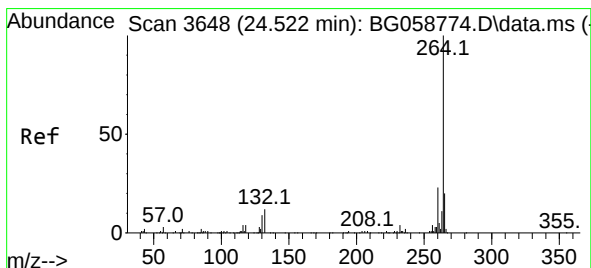
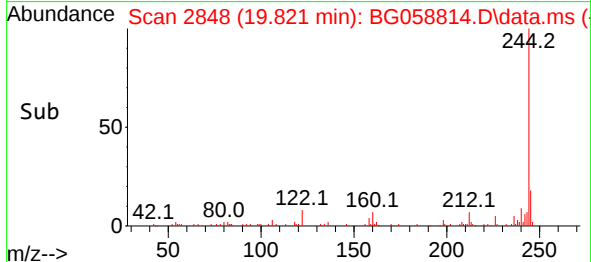
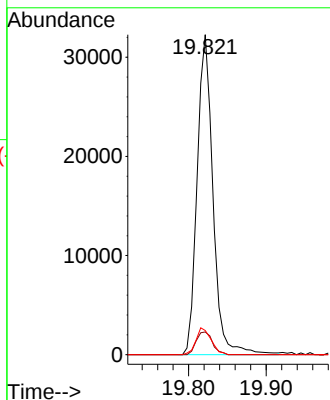


#79
 Terphenyl-d14
 Concen: 4.200 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058814.D
 Acq: 22 Aug 2023 19:10

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 45777
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 7.6 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. -0.006 min
 Lab File: BG058814.D
 Acq: 22 Aug 2023 19:10

Tgt Ion:264 Resp: 240492
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.8 16.4 24.6

