

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058812.D
 Acq On : 22 Aug 2023 17:47
 Operator : MA/JU
 Sample : 04086-07DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 02:31:55 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)

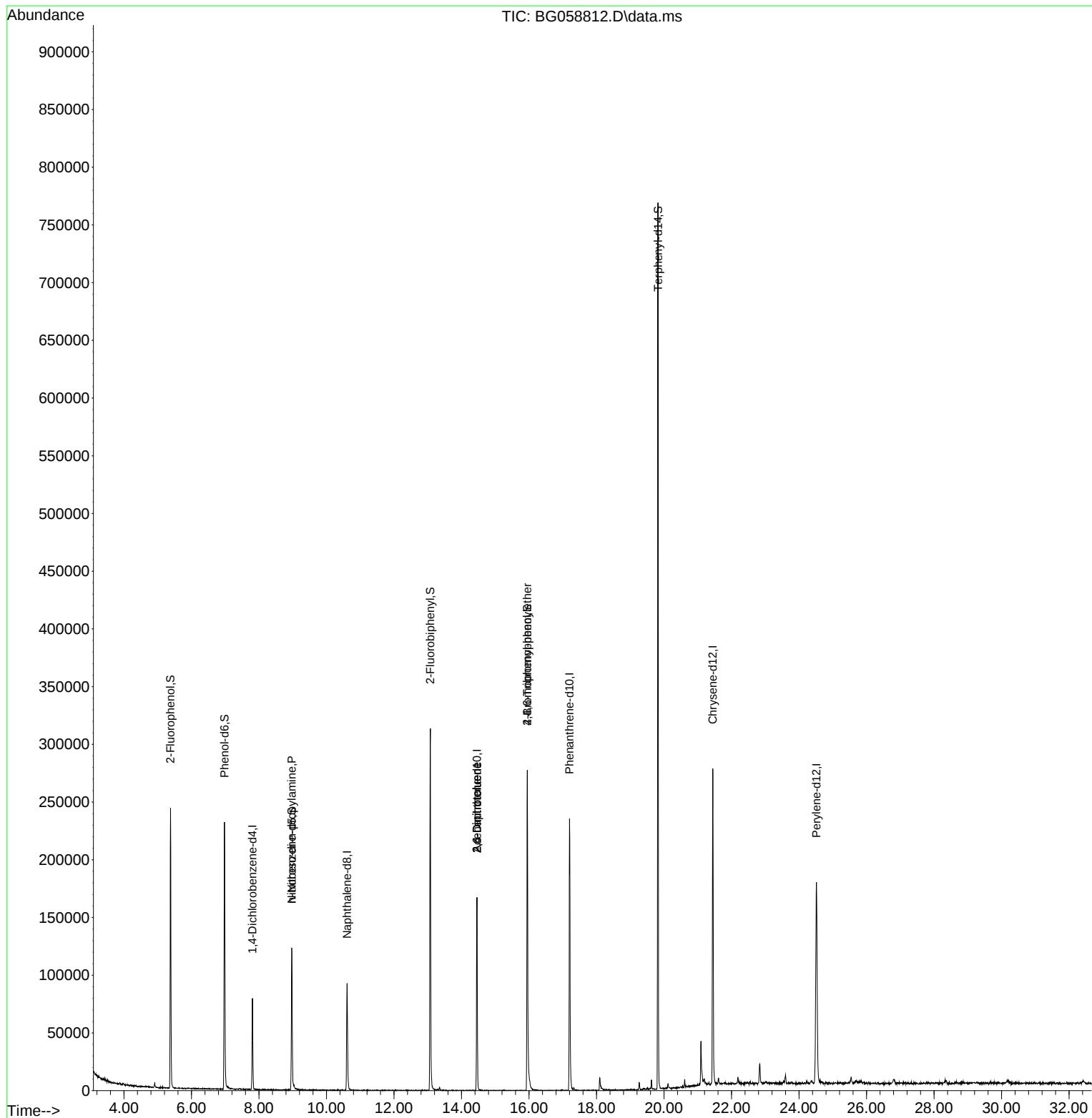
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	20887	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	87903	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	67152	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	178213	20.000	ng	0.00
76) Chrysene-d12	21.442	240	173583	20.000	ng	0.00
86) Perylene-d12	24.515	264	211396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	97870	75.405	ng	0.00
7) Phenol-d6	6.977	99	132195	72.594	ng	0.00
23) Nitrobenzene-d5	8.969	82	80597	44.082	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	73209	69.529	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	188514	40.831	ng	0.00
79) Terphenyl-d14	19.821	244	398027	41.173	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.969	70	9996	8.492	ng	# 77
51) 2,6-Dinitrotoluene	14.456	165	8615	7.887	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	8615	5.655	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	4456	2.279	ng	# 1

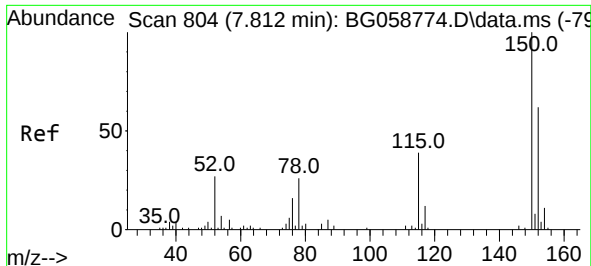
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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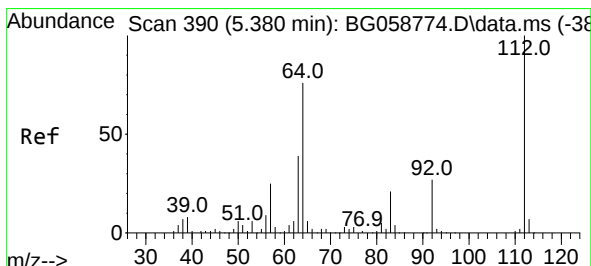
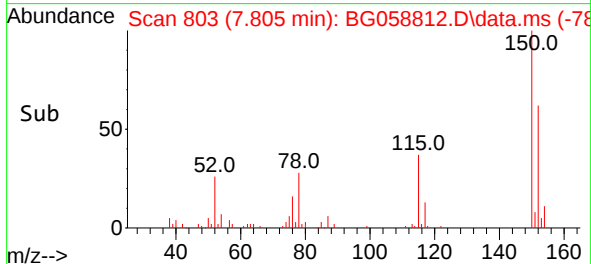
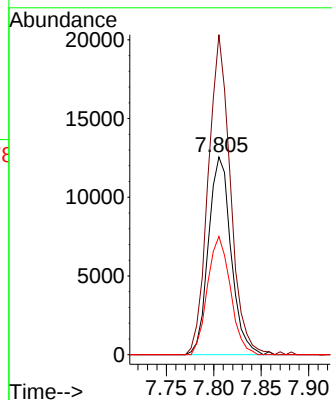
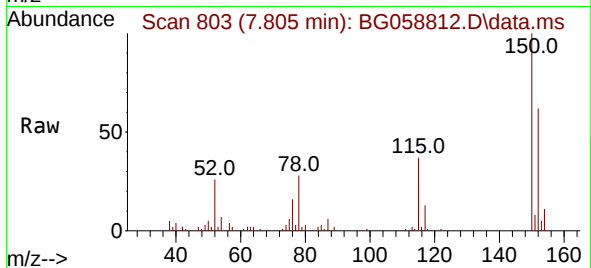




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 804
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

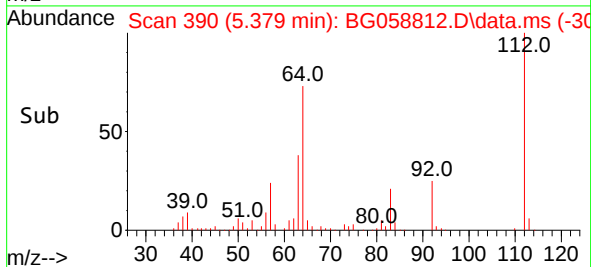
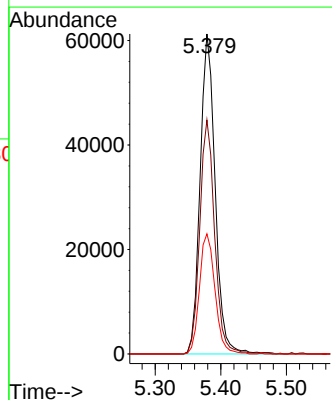
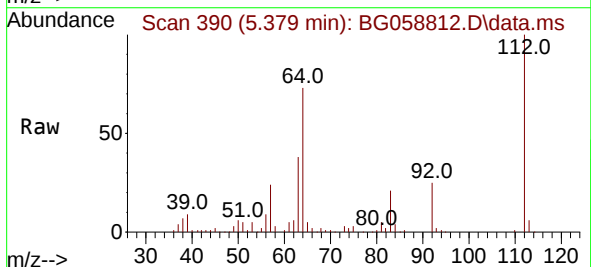
Instrument :
BNA_G
ClientSampleId :

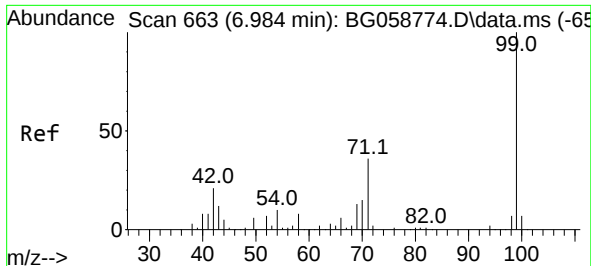
Tgt Ion:152 Resp: 20887
Ion Ratio Lower Upper
152 100
150 161.9 128.6 192.8
115 59.9 50.4 75.6



#5
2-Fluorophenol
Concen: 75.405 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

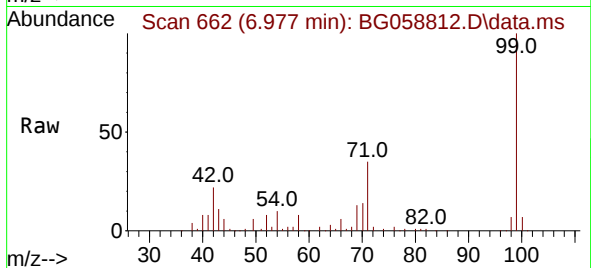
Tgt Ion:112 Resp: 97870
Ion Ratio Lower Upper
112 100
64 73.1 60.6 90.8
63 37.5 31.0 46.4



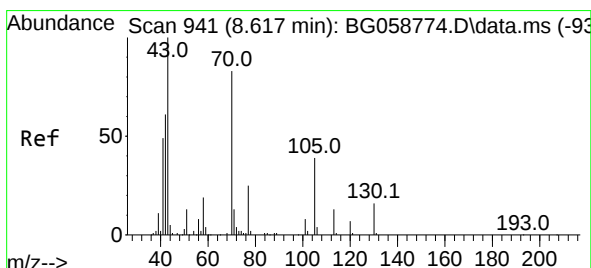
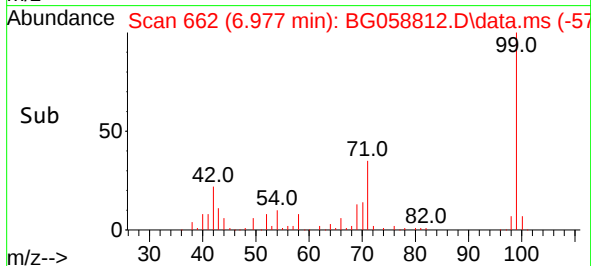
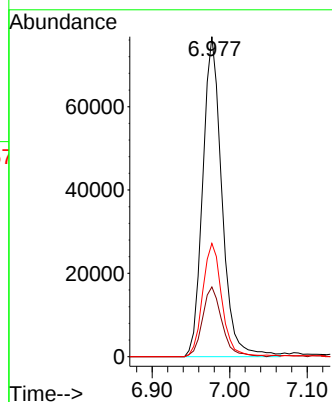


#7
Phenol-d6
Concen: 72.594 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Instrument :
BNA_G
ClientSampleId :

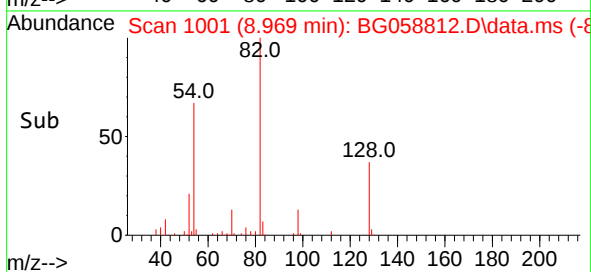
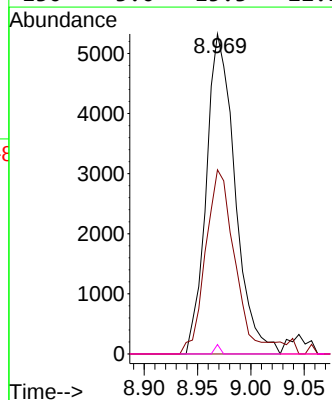
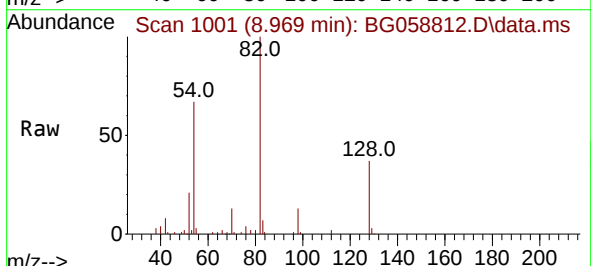


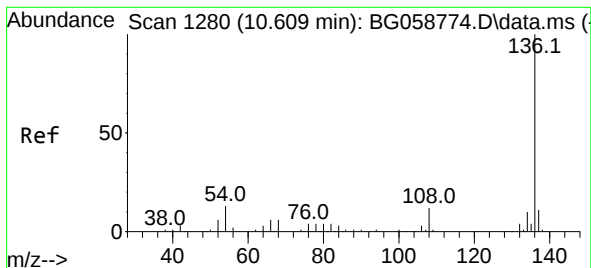
Tgt Ion: 99 Resp: 132195
Ion Ratio Lower Upper
99 100
42 21.8 16.5 24.7
71 35.4 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.492 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.351 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion: 70 Resp: 9996
Ion Ratio Lower Upper
70 100
42 57.5 59.2 88.8#
101 0.0 8.2 12.2#
130 3.0 15.3 22.9#

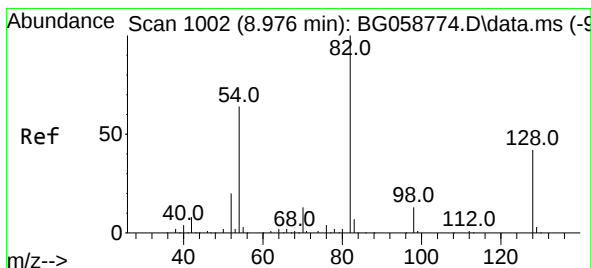
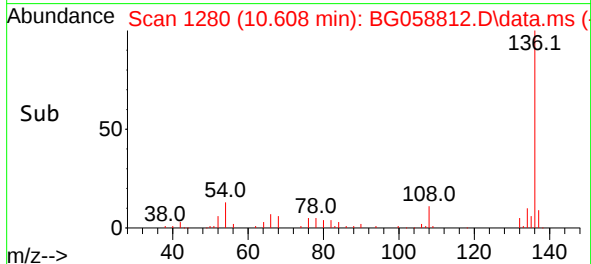
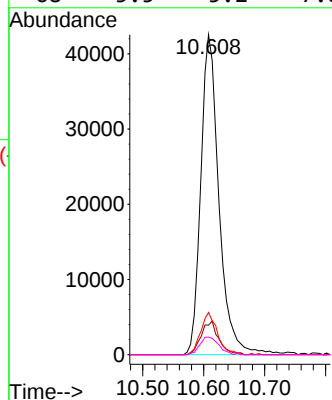
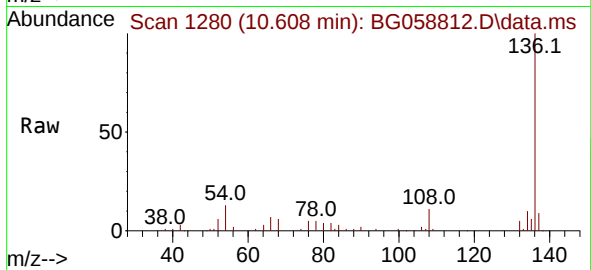




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

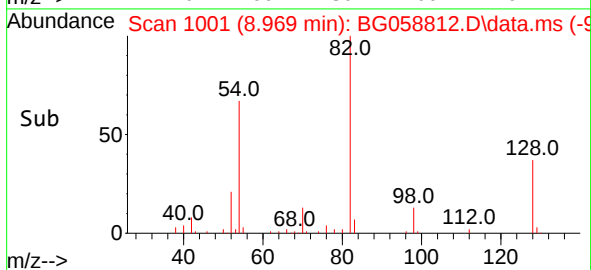
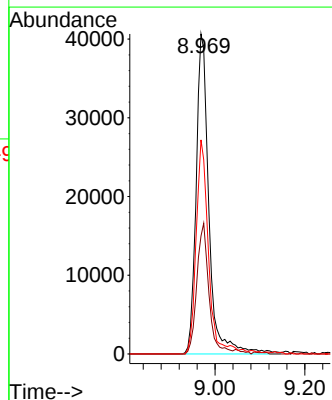
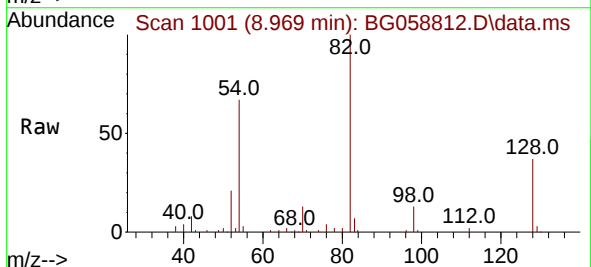
Instrument :
BNA_G
ClientSampleId :

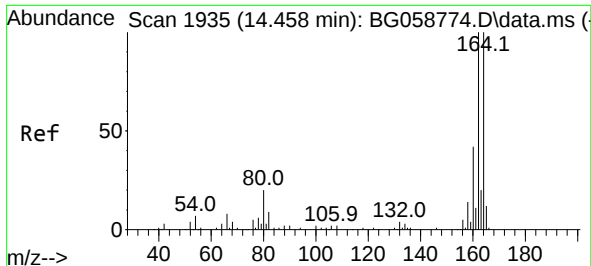
Tgt Ion:	136	Resp:	87903
Ion Ratio	Lower	Upper	
136	100		
137	9.2	8.7	13.1
54	13.2	10.1	15.1
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 44.082 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion:	82	Resp:	80597
Ion Ratio	Lower	Upper	
82	100		
128	36.9	33.2	49.8
54	66.9	51.2	76.8

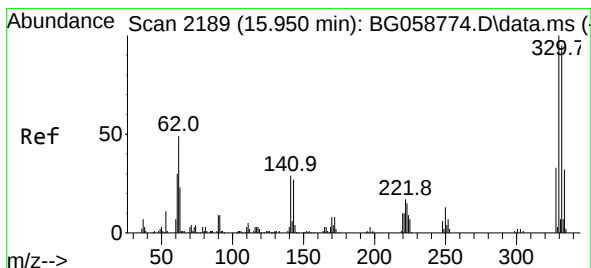
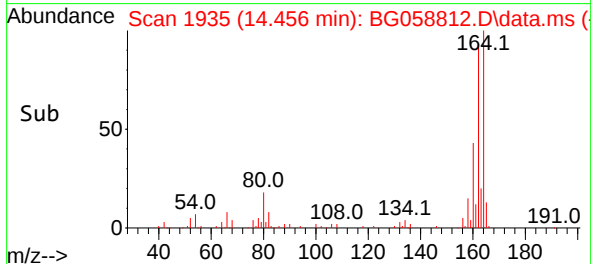
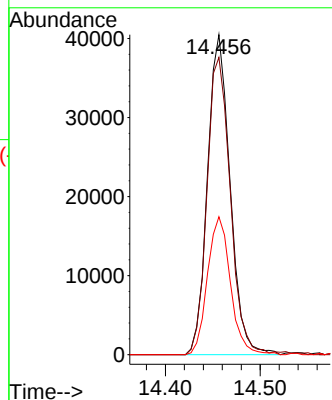
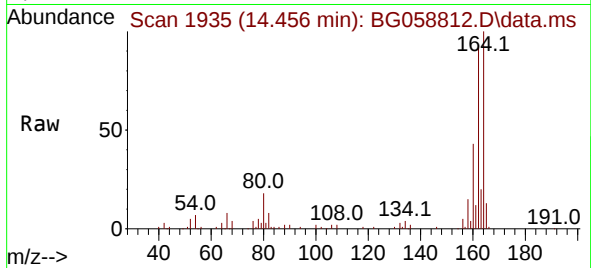




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

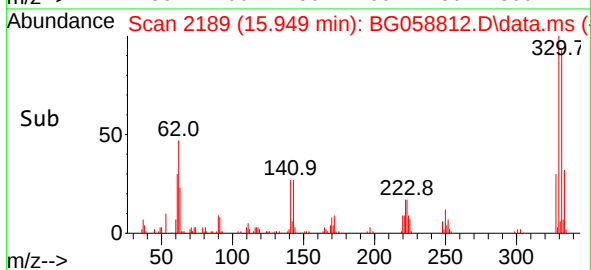
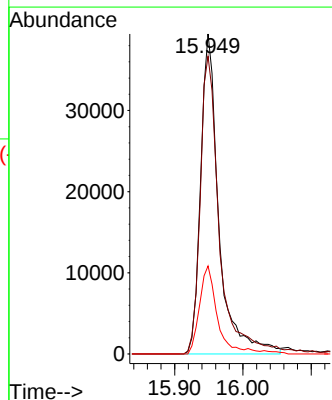
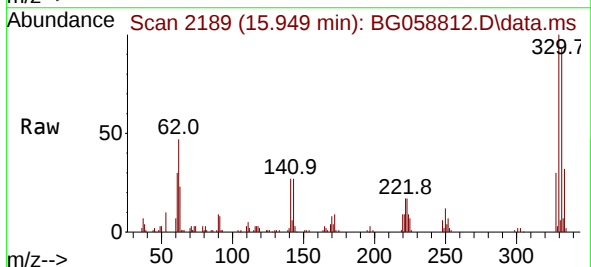
Instrument :
BNA_G
ClientSampleId :

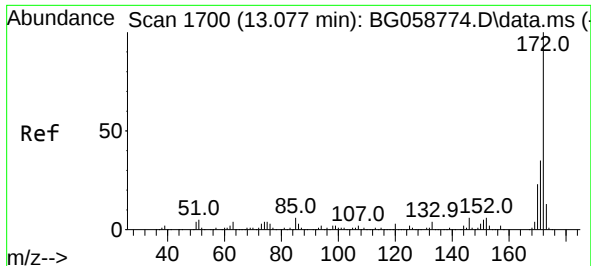
Tgt Ion:164 Resp: 67152
Ion Ratio Lower Upper
164 100
162 92.9 79.6 119.4
160 43.1 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 69.529 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion:330 Resp: 73209
Ion Ratio Lower Upper
330 100
332 98.3 78.5 117.7
141 26.8 23.0 34.6

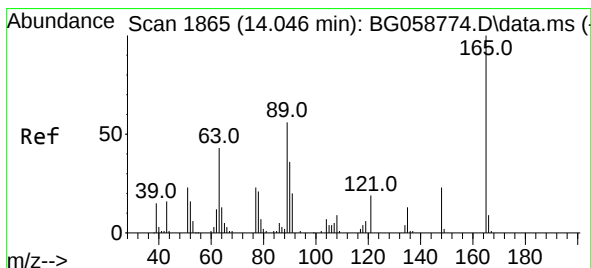
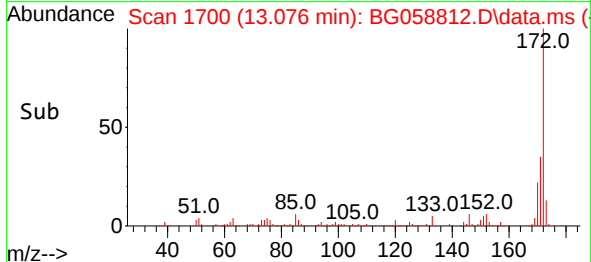
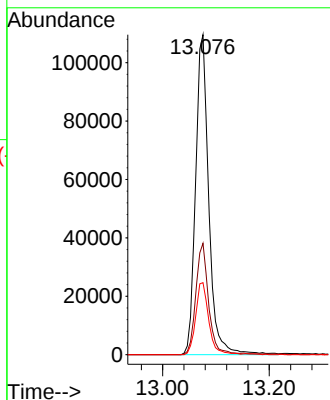
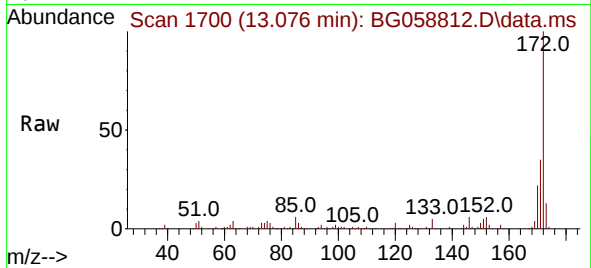




#45
2-Fluorobiphenyl
Concen: 40.831 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

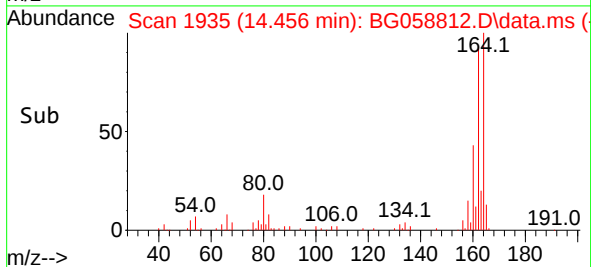
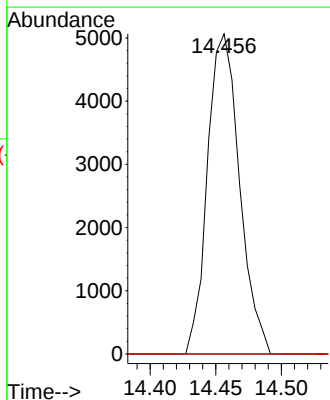
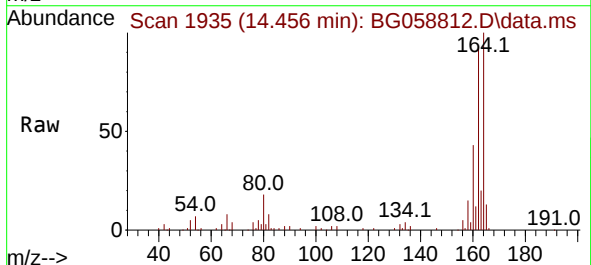
Instrument :
BNA_G
ClientSampleId :

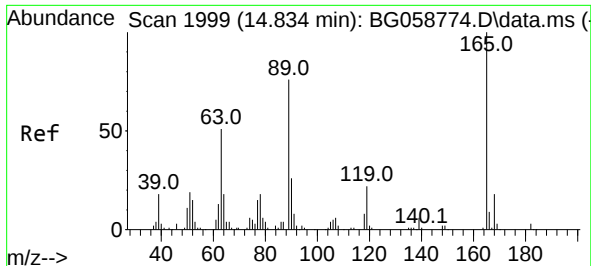
Tgt Ion:172 Resp: 188514
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.887 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.410 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion:165 Resp: 8615
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.655 ng

RT: 14.456 min Scan# 1999

Delta R.T. -0.377 min

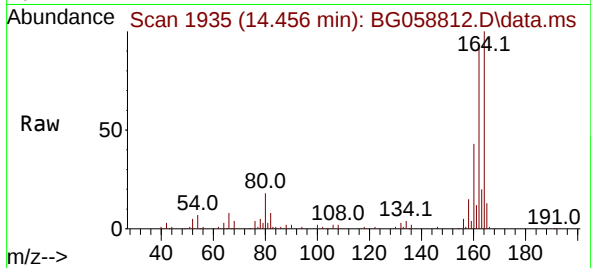
Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 8615

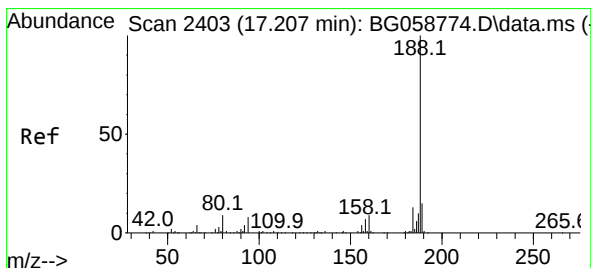
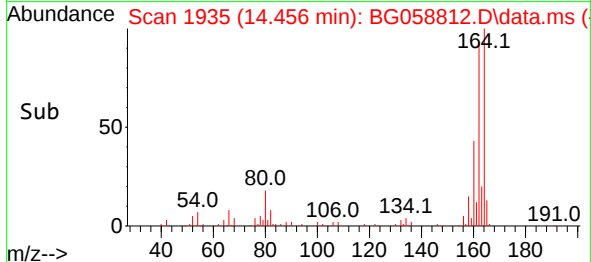
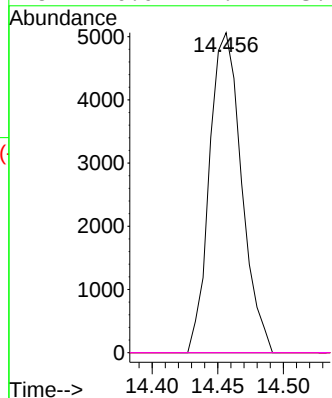
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.200 min Scan# 2402

Delta R.T. -0.007 min

Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

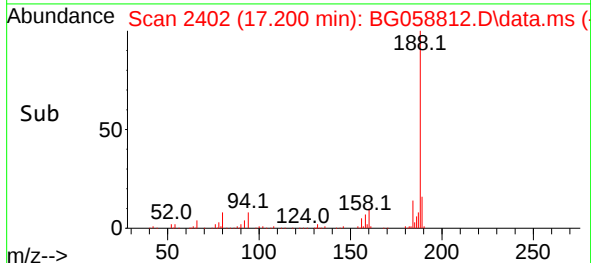
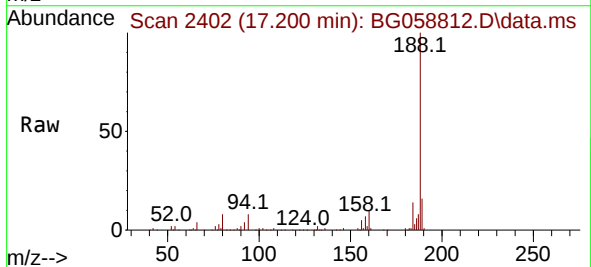
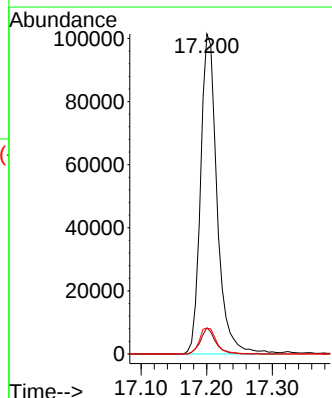
Tgt Ion:188 Resp: 178213

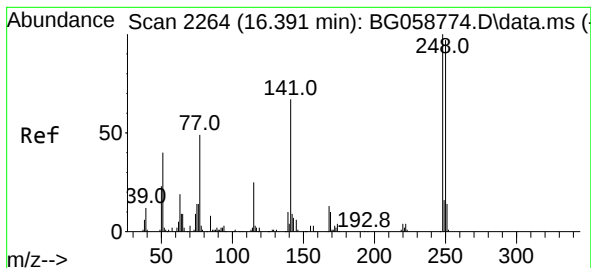
Ion Ratio Lower Upper

188 100

94 8.1 6.1 9.1

80 8.0 6.9 10.3

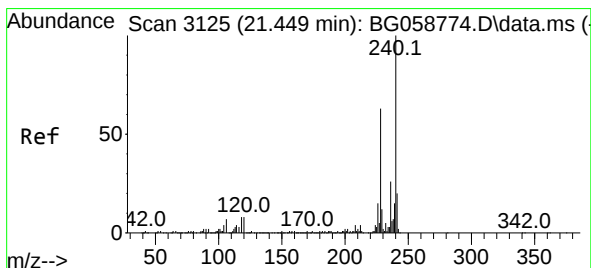
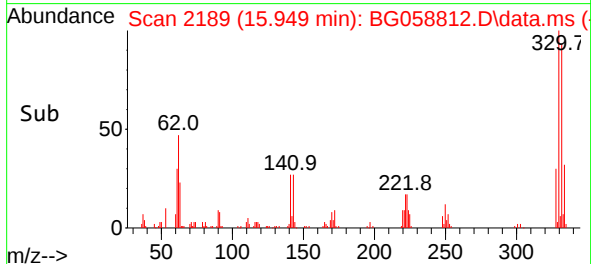
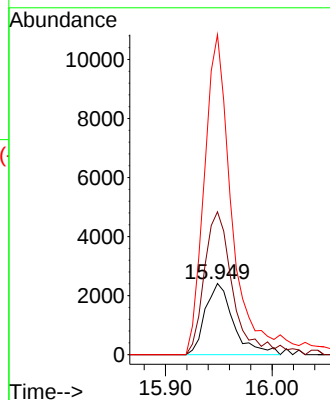
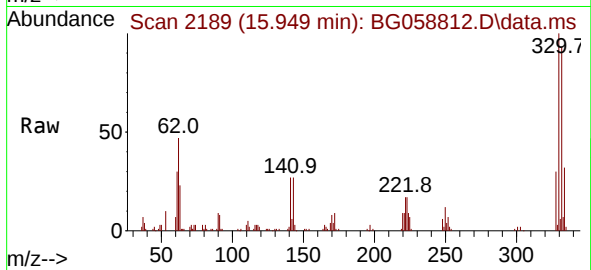




#67
4-Bromophenyl-phenylether
Concen: 2.279 ng
RT: 15.949 min Scan# 21189
Delta R.T. -0.442 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

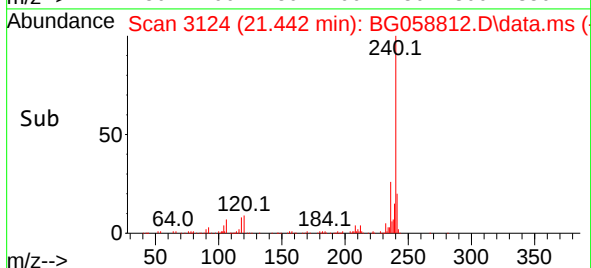
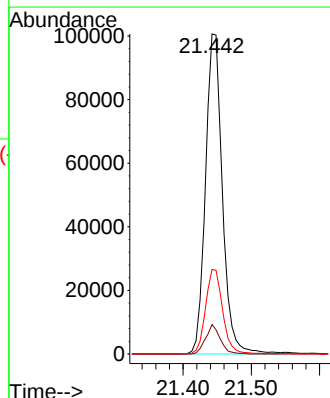
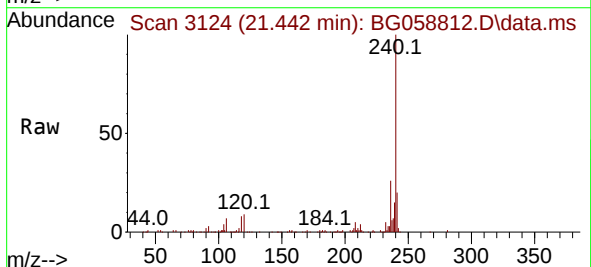
Instrument :
BNA_G
ClientSampleId :

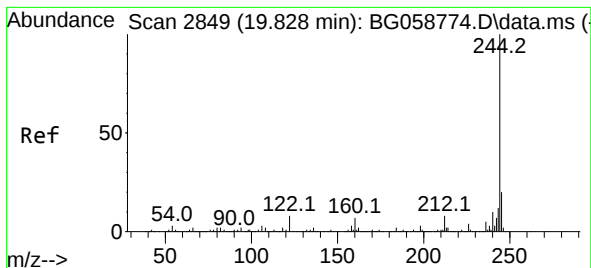
Tgt Ion:248 Resp: 4456
Ion Ratio Lower Upper
248 100
250 200.5 77.7 116.5#
141 449.0 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion:240 Resp: 173583
Ion Ratio Lower Upper
240 100
120 9.2 6.2 9.2
236 26.4 20.5 30.7





#79

Terphenyl-d14

Concen: 41.173 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.007 min

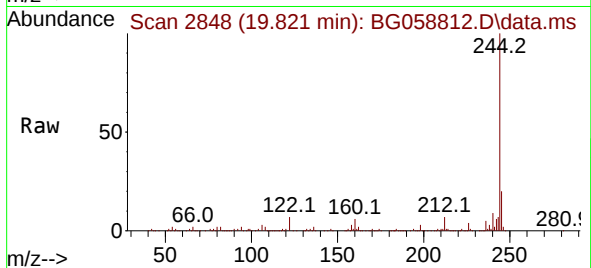
Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

Instrument :

BNA_G

ClientSampleId :



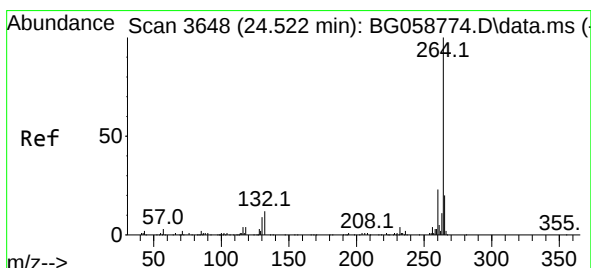
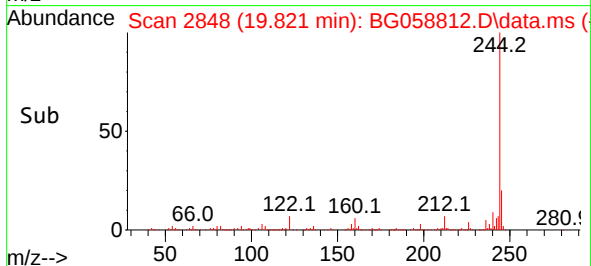
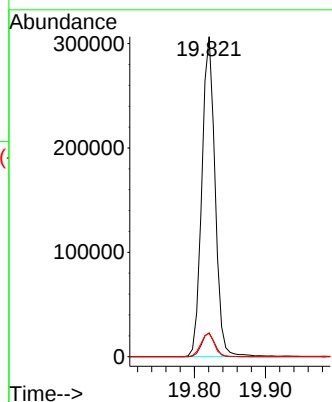
Tgt Ion:244 Resp: 398027

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 7.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 3647

Delta R.T. -0.007 min

Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

Tgt Ion:264 Resp: 211396

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.7 16.4 24.6

