

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058895.D
 Acq On : 29 Aug 2023 20:10
 Operator : MA/JU
 Sample : 04163-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-03-082523

Quant Time: Aug 29 21:28:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

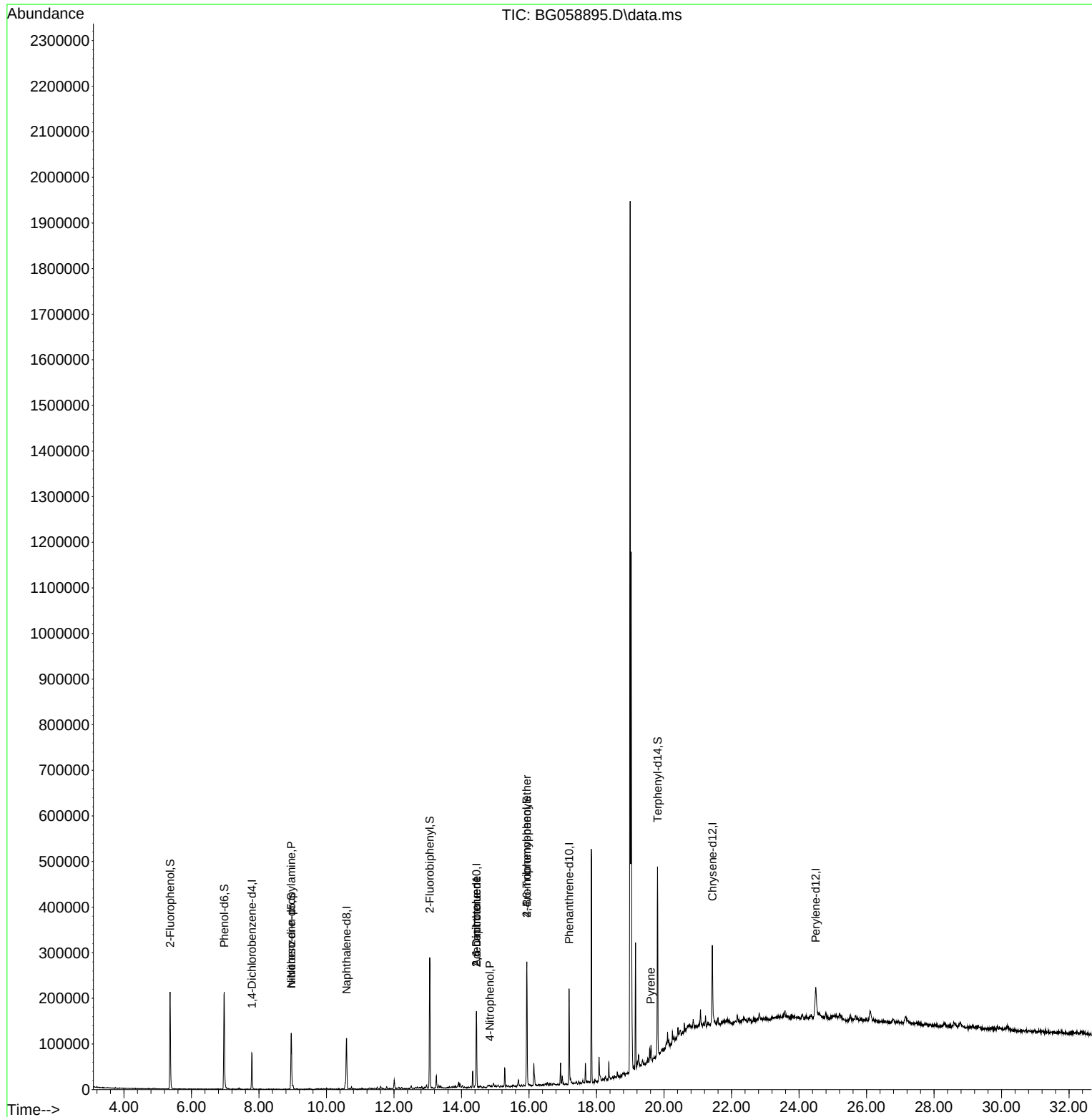
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	22289	20.000	ng	0.00
21) Naphthalene-d8	10.596	136	93049	20.000	ng	# 0.00
39) Acenaphthene-d10	14.444	164	61642	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	127684	20.000	ng	0.00
76) Chrysene-d12	21.430	240	101015	20.000	ng	0.00
86) Perylene-d12	24.497	264	94283	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.367	112	91158	65.816	ng	0.01
7) Phenol-d6	6.971	99	125110	64.382	ng	0.00
23) Nitrobenzene-d5	8.957	82	76505	39.529	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	61433	63.560	ng	0.00
45) 2-Fluorobiphenyl	13.058	172	158621	37.427	ng	0.00
79) Terphenyl-d14	19.809	244	204604	36.369	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.957	70	10403	8.282	ng	# 77
51) 2,6-Dinitrotoluene	14.444	165	8533	8.510	ng	# 25
56) 4-Nitrophenol	14.838	139	57	4.535	ng	# 19
57) 2,4-Dinitrotoluene	14.444	165	8533	6.101	ng	# 21
67) 4-Bromophenyl-phenylether	15.937	248	3743	2.671	ng	# 1
78) Pyrene	19.609	202	17955	2.551	ng	97

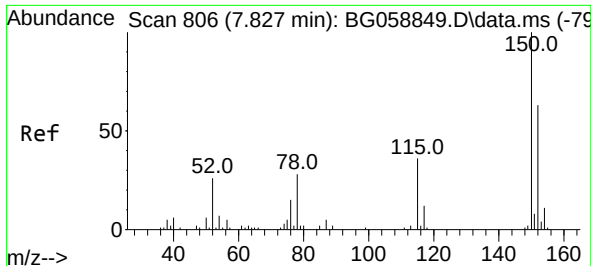
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058895.D
Acq On : 29 Aug 2023 20:10
Operator : MA/JU
Sample : 04163-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-03-082523

Quant Time: Aug 29 21:28:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 14:27:28 2023
Response via : Initial Calibration

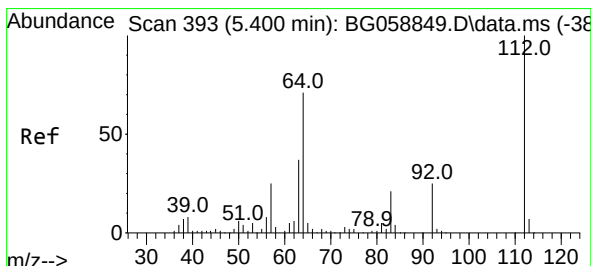
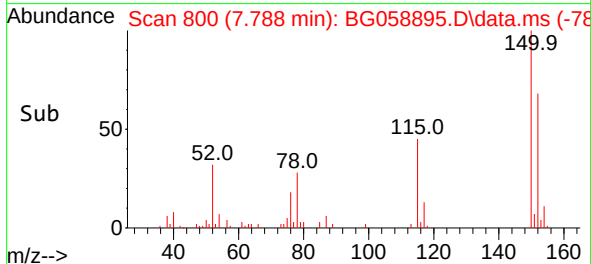
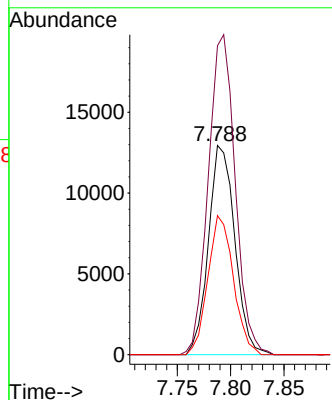
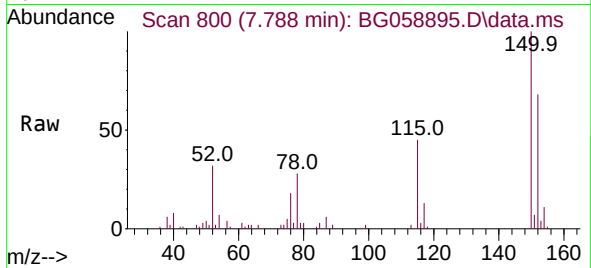




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.788 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

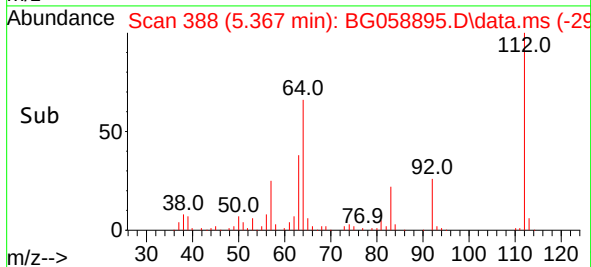
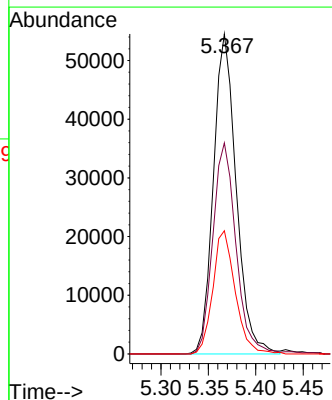
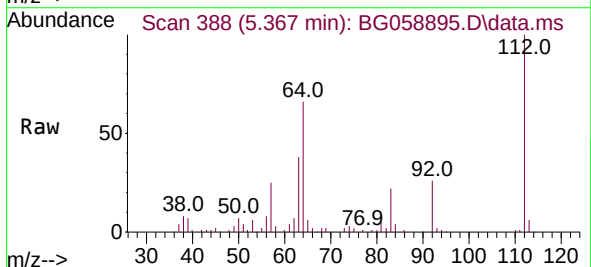
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

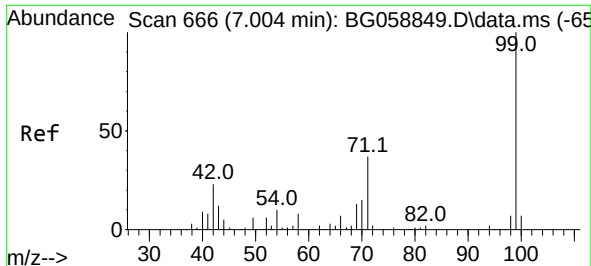
Tgt Ion:152 Resp: 22289
Ion Ratio Lower Upper
152 100
150 147.6 128.6 192.8
115 66.4 50.4 75.6



#5
2-Fluorophenol
Concen: 65.816 ng
RT: 5.367 min Scan# 388
Delta R.T. 0.010 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

Tgt Ion:112 Resp: 91158
Ion Ratio Lower Upper
112 100
64 65.9 60.6 90.8
63 38.5 31.0 46.4

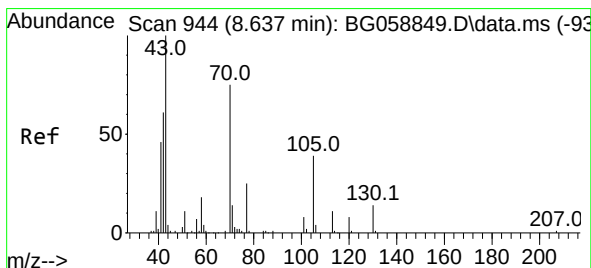
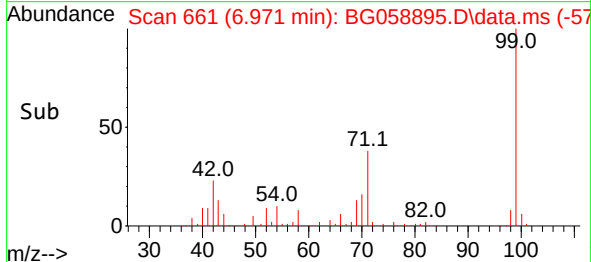
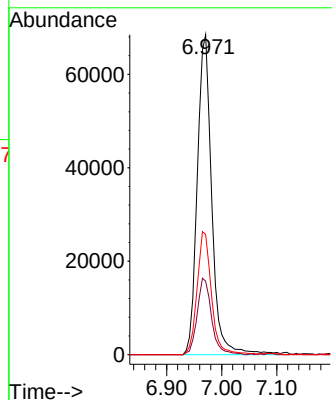
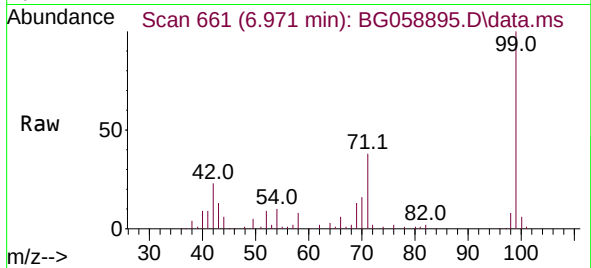




#7
Phenol-d6
Concen: 64.382 ng
RT: 6.971 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

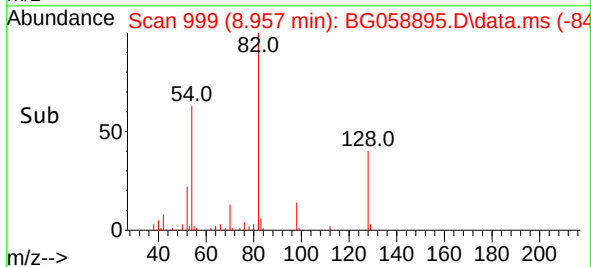
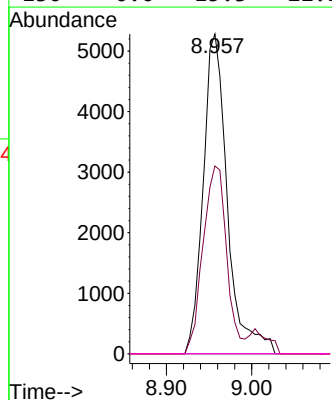
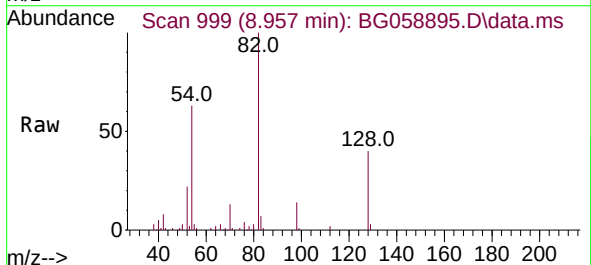
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

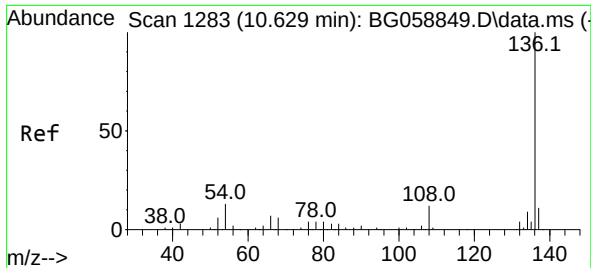
Tgt Ion: 99 Resp: 125110
Ion Ratio Lower Upper
99 100
42 22.9 16.5 24.7
71 37.6 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.282 ng
RT: 8.957 min Scan# 999
Delta R.T. 0.357 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

Tgt Ion: 70 Resp: 10403
Ion Ratio Lower Upper
70 100
42 58.7 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

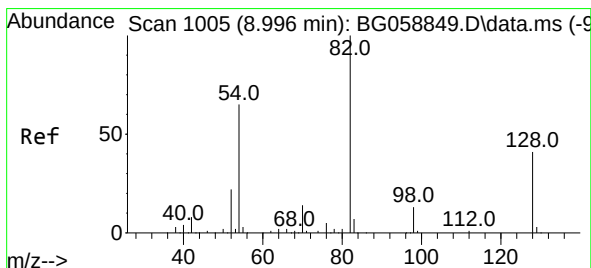
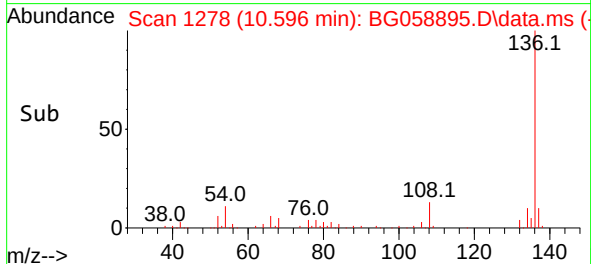
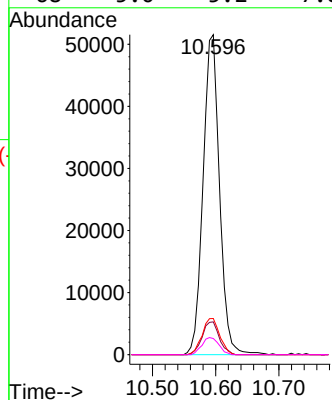
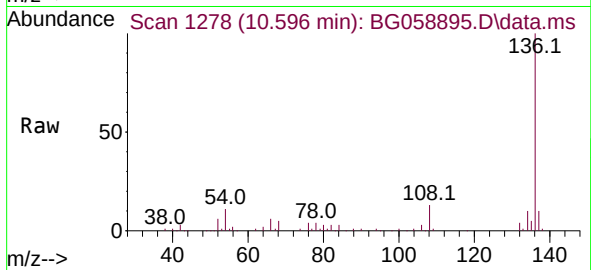




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.596 min Scan# 111
Delta R.T. 0.005 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

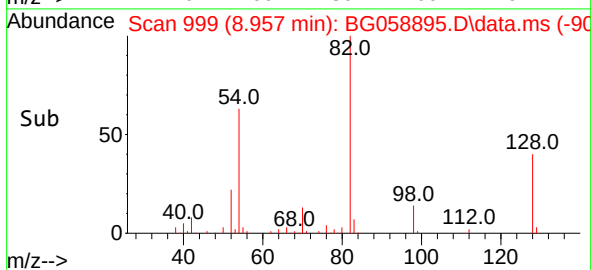
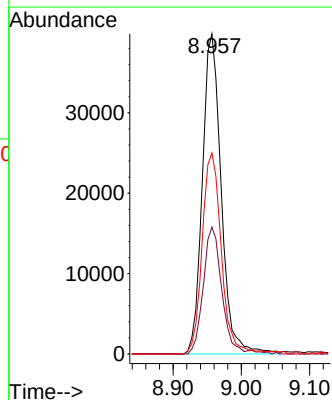
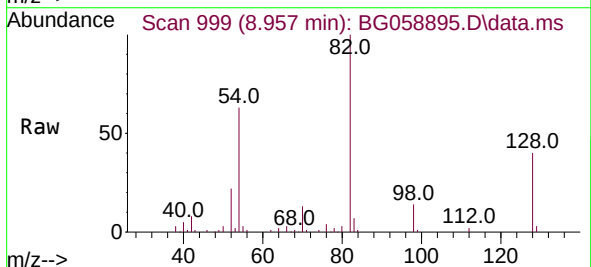
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

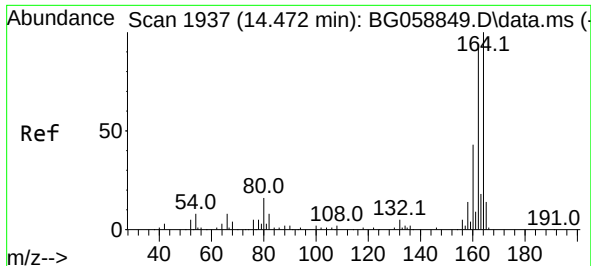
Tgt Ion:136 Resp: 93049
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 11.3 10.1 15.1
68 5.0 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 39.529 ng
RT: 8.957 min Scan# 999
Delta R.T. -0.001 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

Tgt Ion: 82 Resp: 76505
Ion Ratio Lower Upper
82 100
128 39.6 33.2 49.8
54 62.8 51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.444 min Scan# 1933

Delta R.T. 0.005 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

Instrument :

BNA_G

ClientSampleId :

HR-03-082523

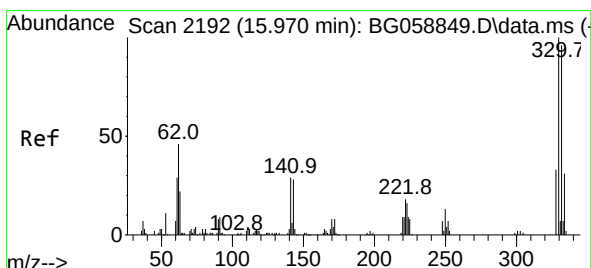
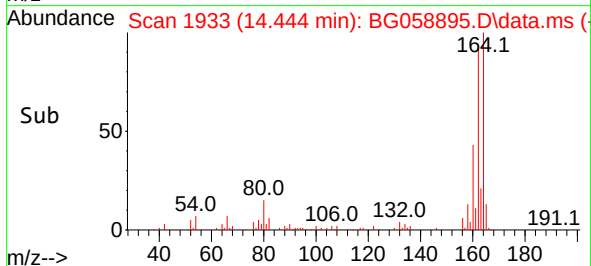
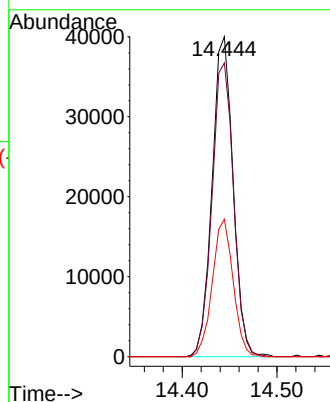
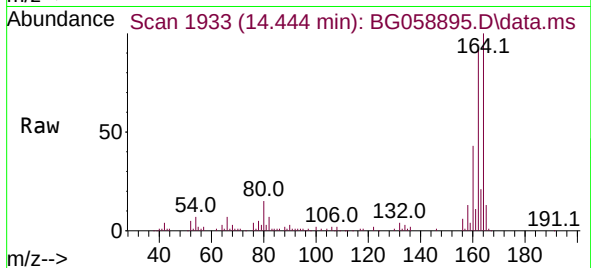
Tgt Ion:164 Resp: 61642

Ion Ratio Lower Upper

164 100

162 91.8 79.6 119.4

160 42.9 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 63.560 ng

RT: 15.937 min Scan# 2187

Delta R.T. 0.005 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

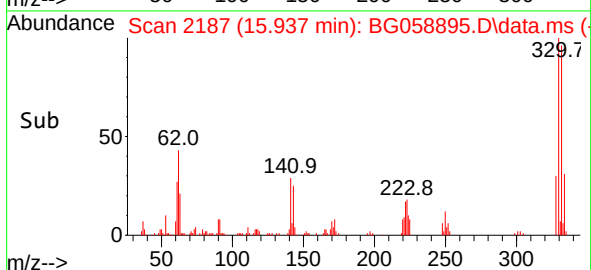
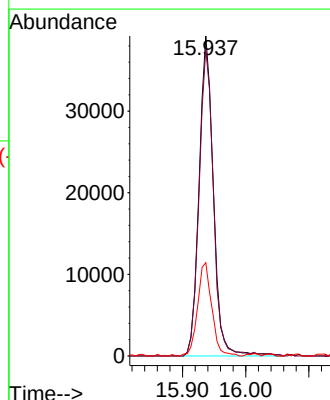
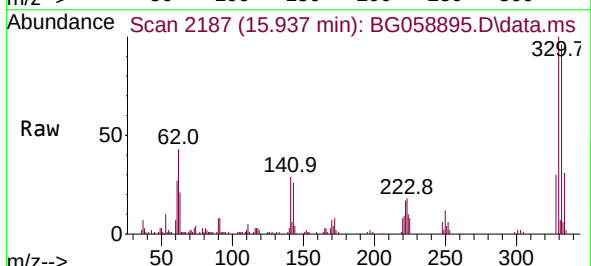
Tgt Ion:330 Resp: 61433

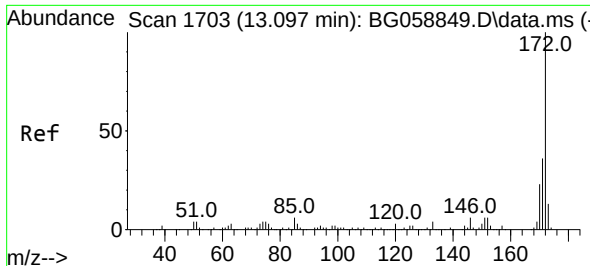
Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 28.9 23.0 34.6

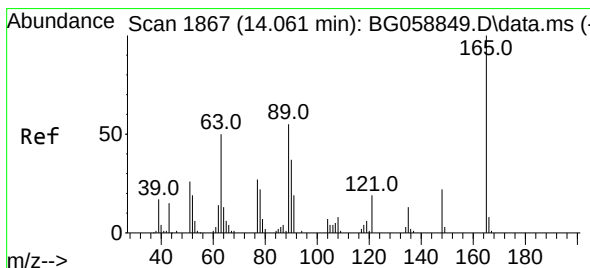
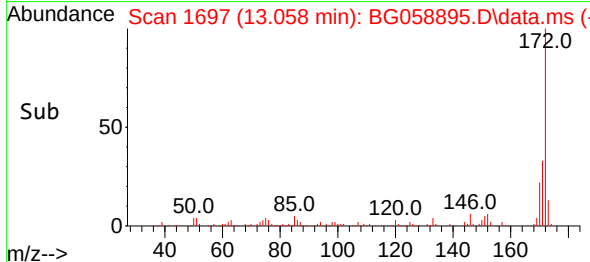
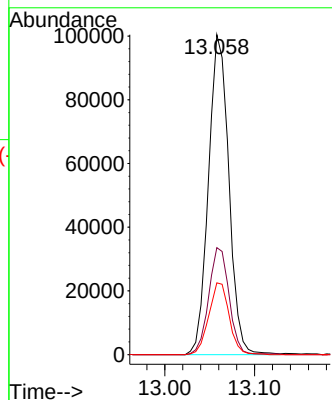
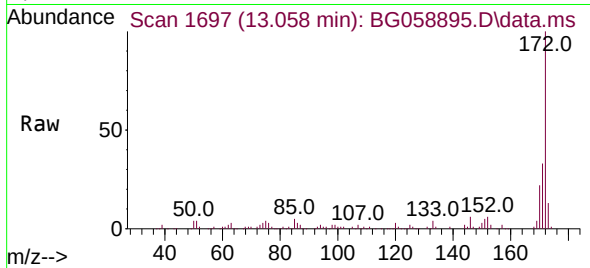




#45
2-Fluorobiphenyl
Concen: 37.427 ng
RT: 13.058 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

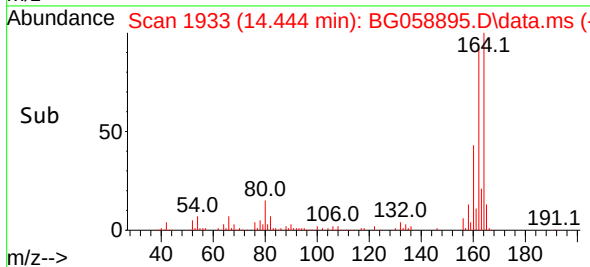
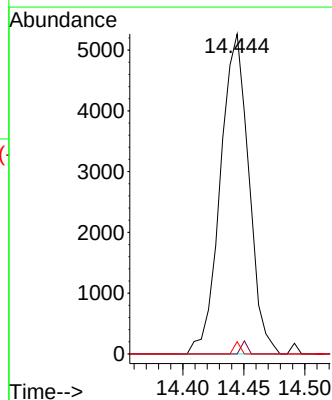
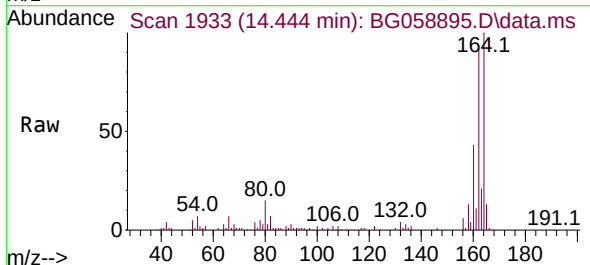
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

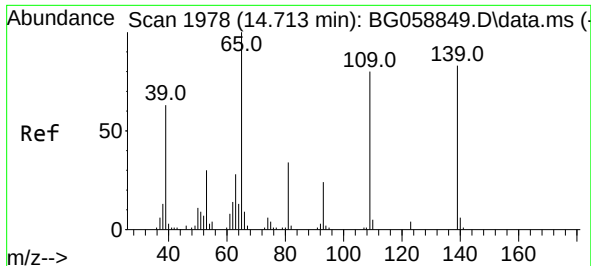
Tgt Ion:172 Resp: 158621
Ion Ratio Lower Upper
172 100
171 33.4 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 14.444 min Scan# 1933
Delta R.T. 0.416 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

Tgt Ion:165 Resp: 8533
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 3.8 45.0 67.4#

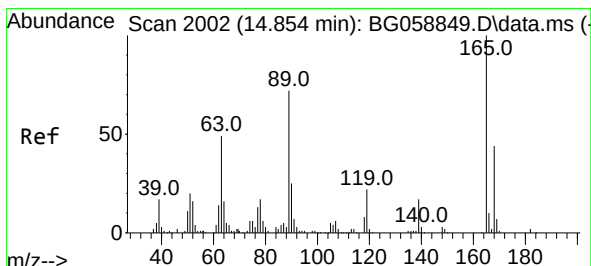
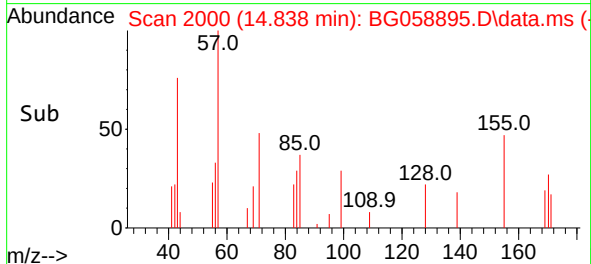
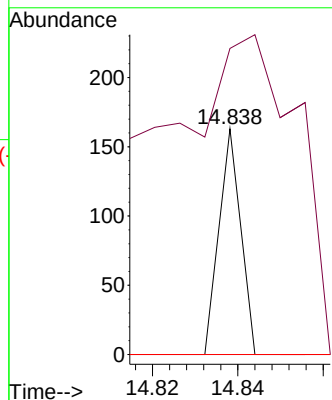
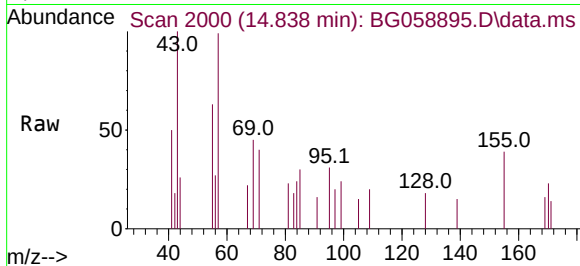




#56
4-Nitrophenol
Concen: 4.535 ng
RT: 14.838 min Scan# 20
Delta R.T. 0.157 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

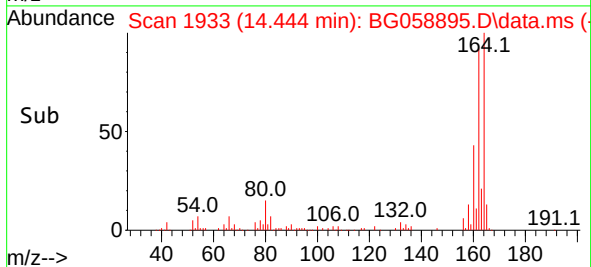
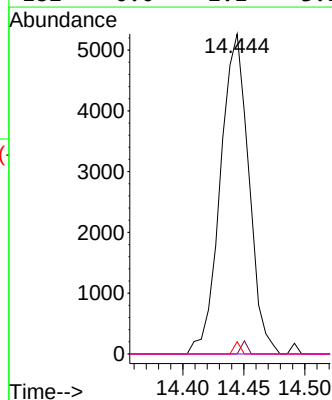
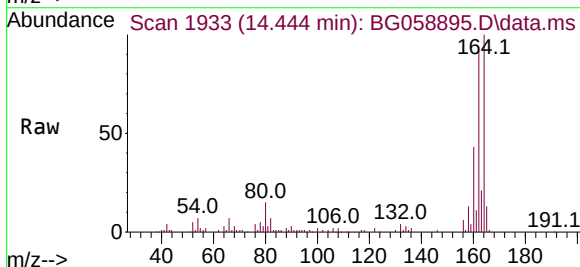
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

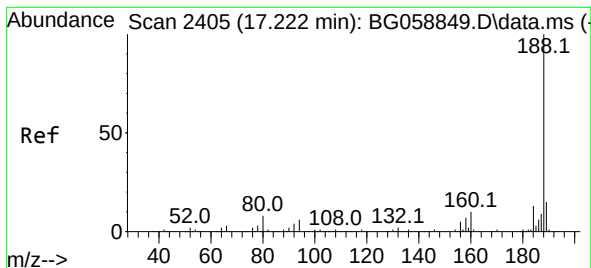
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 135.6 71.9 111.9#
65 0.0 100.7 140.7#



#57
2,4-Dinitrotoluene
Concen: 6.101 ng
RT: 14.444 min Scan# 1933
Delta R.T. -0.377 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

Tgt Ion:165 Resp: 8533
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 3.8 60.7 91.1#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.188 min Scan# 24

Delta R.T. 0.005 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

Instrument :

BNA_G

ClientSampleId :

HR-03-082523

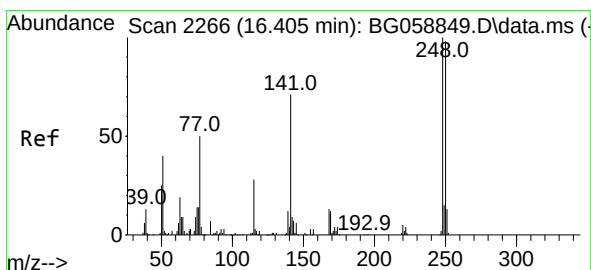
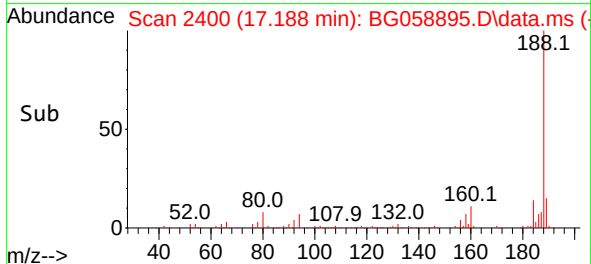
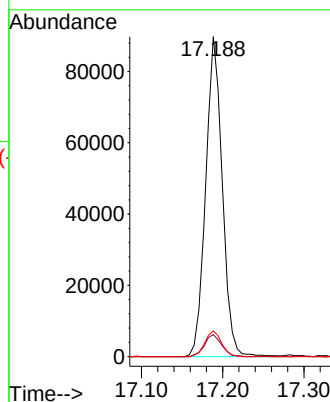
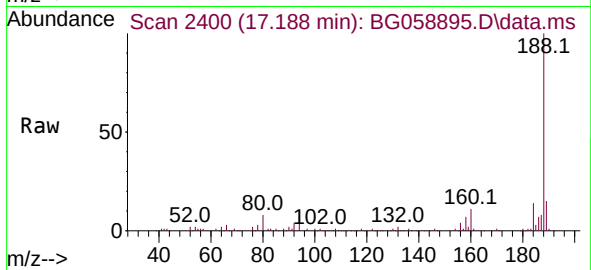
Tgt Ion:188 Resp: 127684

Ion Ratio Lower Upper

188 100

94 6.9 6.1 9.1

80 8.0 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 2.671 ng

RT: 15.937 min Scan# 2187

Delta R.T. -0.436 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

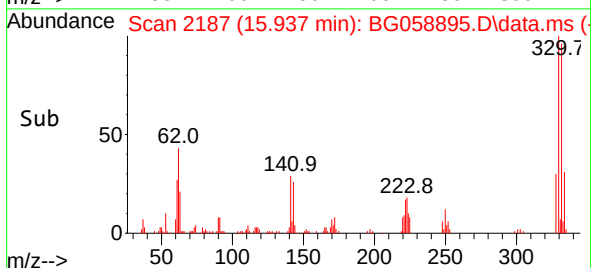
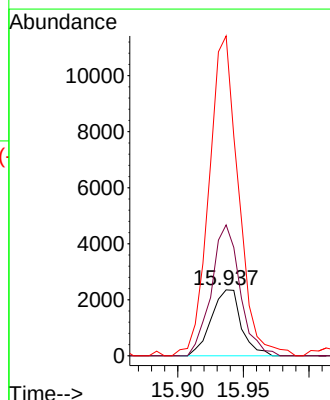
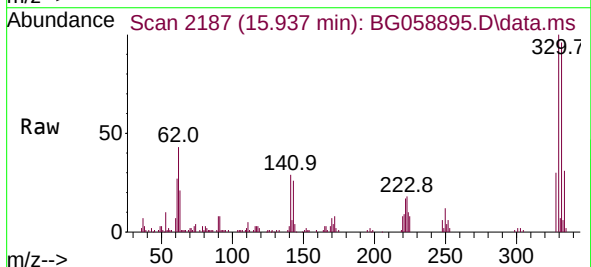
Tgt Ion:248 Resp: 3743

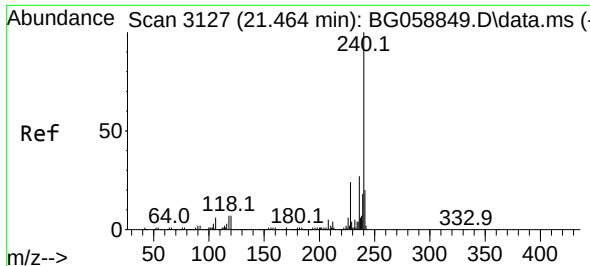
Ion Ratio Lower Upper

248 100

250 198.6 77.7 116.5#

141 485.1 53.6 80.4#

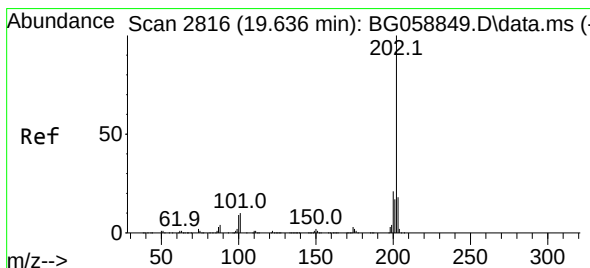
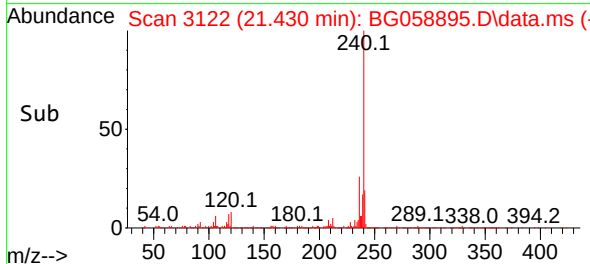
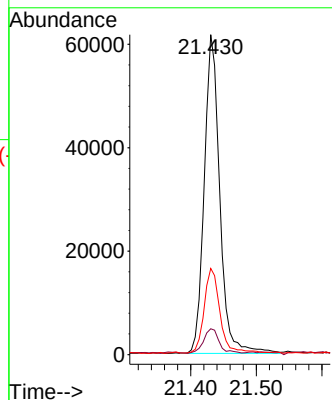
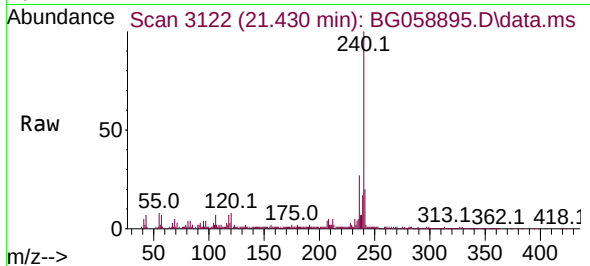




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

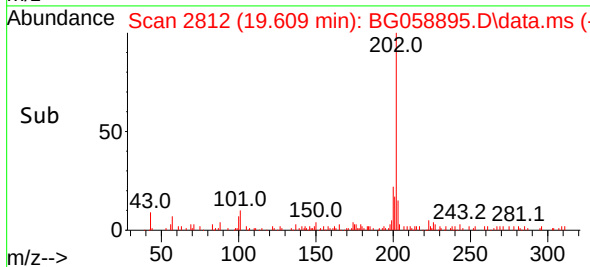
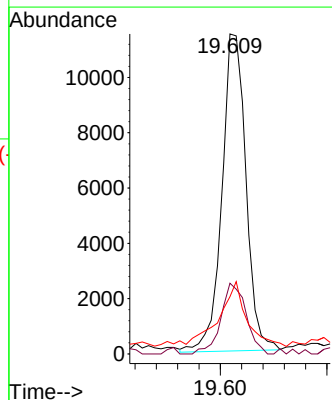
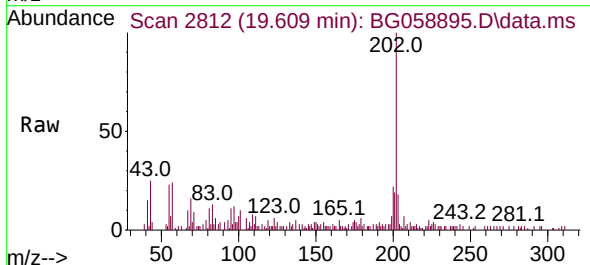
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

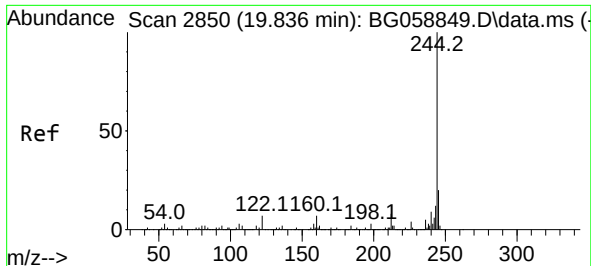
Tgt Ion:240 Resp: 101015
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 26.9 20.5 30.7



#78
Pyrene
Concen: 2.551 ng
RT: 19.609 min Scan# 2812
Delta R.T. 0.005 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

Tgt Ion:202 Resp: 17955
Ion Ratio Lower Upper
202 100
200 22.1 16.7 25.1
203 17.9 15.3 22.9

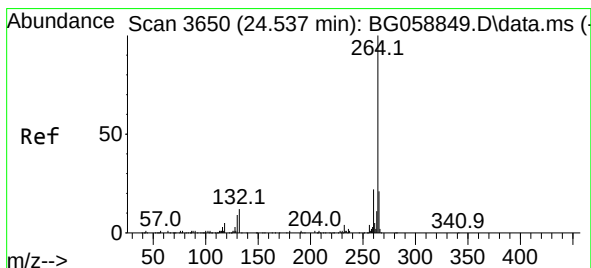
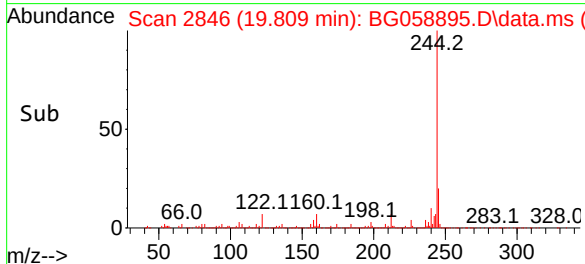
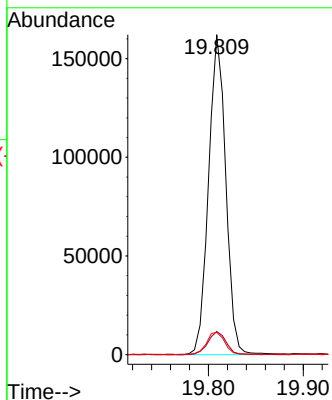
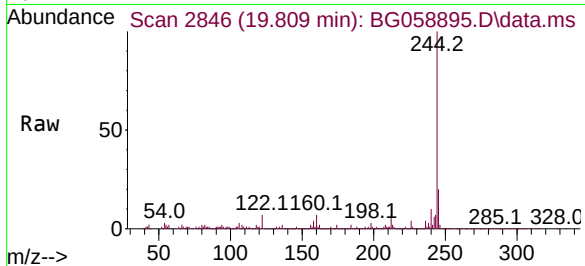




#79
 Terphenyl-d14
 Concen: 36.369 ng
 RT: 19.809 min Scan# 2850
 Delta R.T. 0.005 min
 Lab File: BG058895.D
 Acq: 29 Aug 2023 20:10

Instrument :
 BNA_G
 ClientSampleId :
 HR-03-082523

Tgt Ion:	244	Resp:	204604
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.2	9.2
122	6.9	6.3	9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.497 min Scan# 3644
 Delta R.T. 0.028 min
 Lab File: BG058895.D
 Acq: 29 Aug 2023 20:10

Tgt Ion:	264	Resp:	94283
Ion Ratio	Lower	Upper	
264	100		
260	20.5	18.2	27.2
265	21.2	16.4	24.6

