

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)

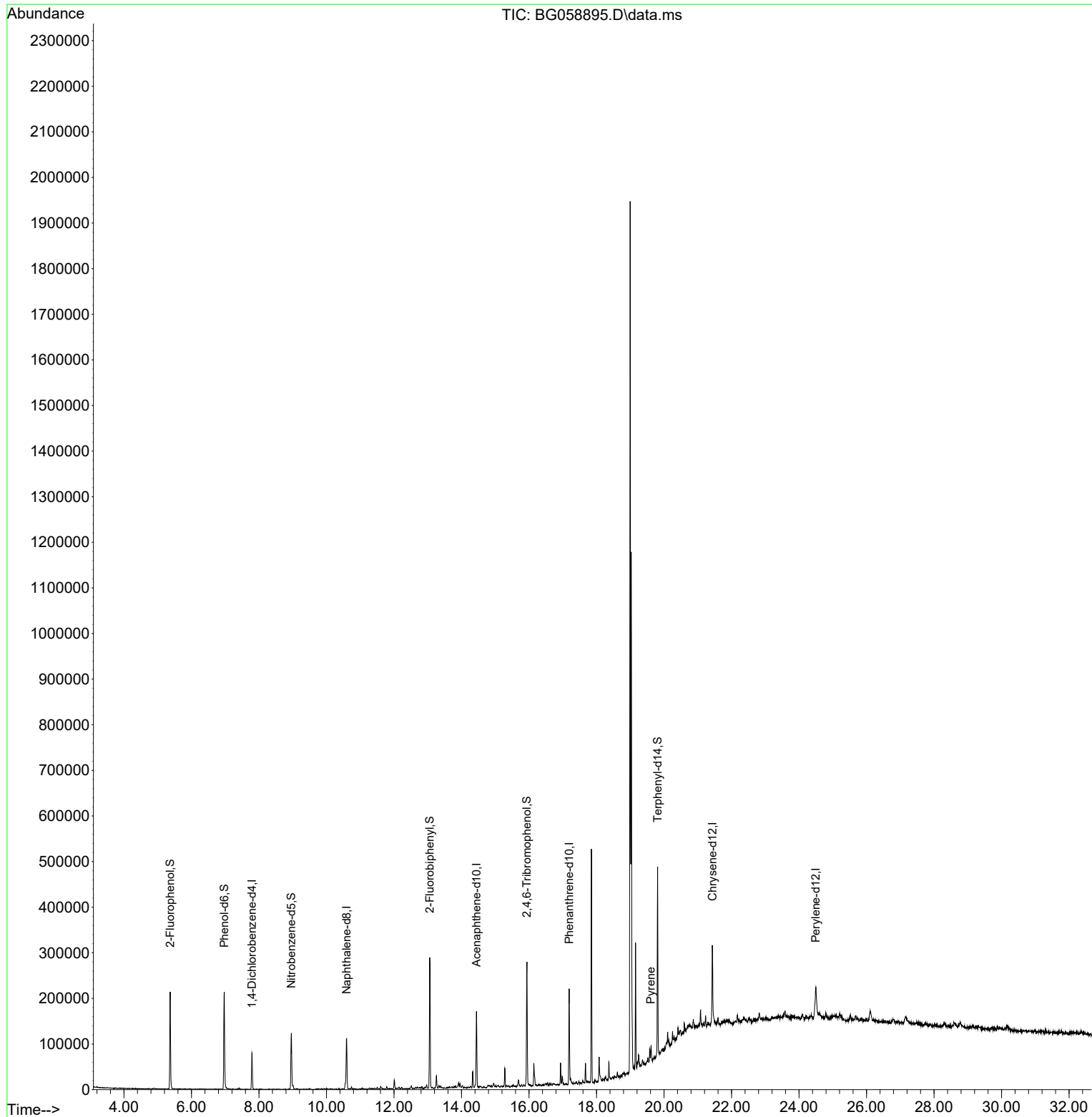
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	22289	20.000	ng	0.00
21) Naphthalene-d8	10.596	136	93049	20.000	ng	# 0.00
39) Acenaphthene-d10	14.444	164	61642	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	127684	20.000	ng	0.00
76) Chrysene-d12	21.430	240	101015	20.000	ng	0.00
86) Perylene-d12	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						
78) Pyrene	19.609	202	17955	2.551	ng	Qvalue 97

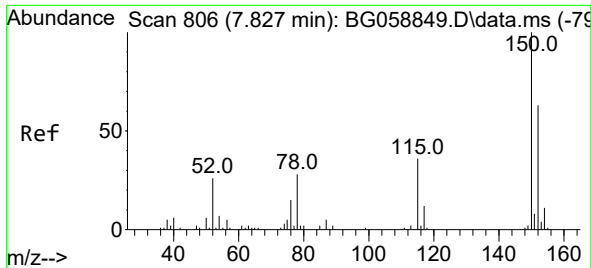
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

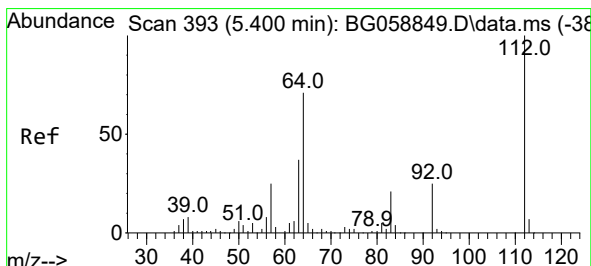
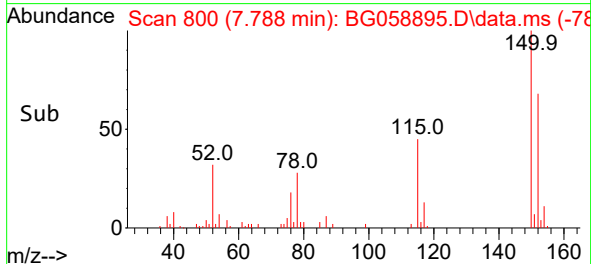
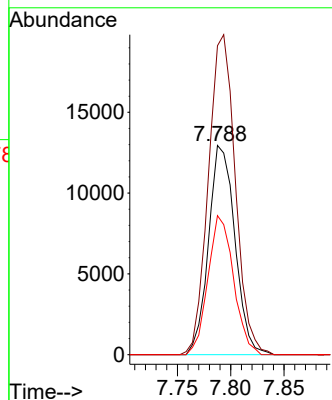
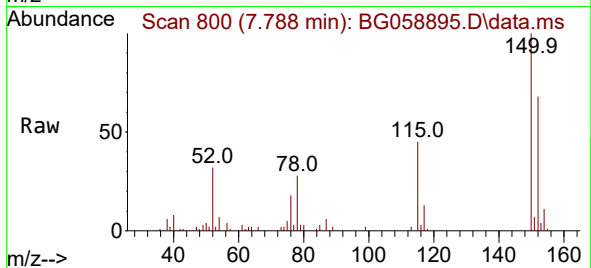




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.788 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

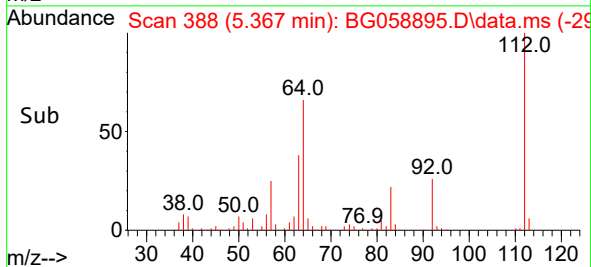
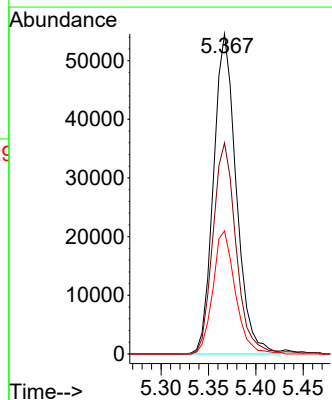
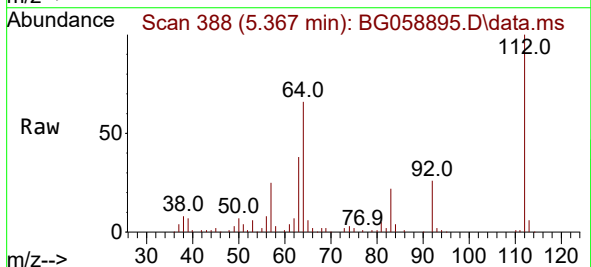
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

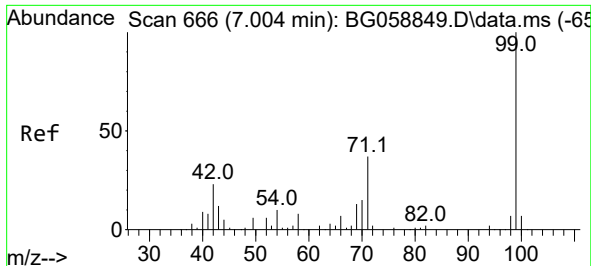
Tgt Ion:152 Resp: 22289
Ion Ratio Lower Upper
152 100
150 147.6 128.6 192.8
115 66.4 50.4 75.6



#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# 6

Delta R.T. 0.005 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

Instrument :

BNA_G

ClientSampleId :

HR-03-082523

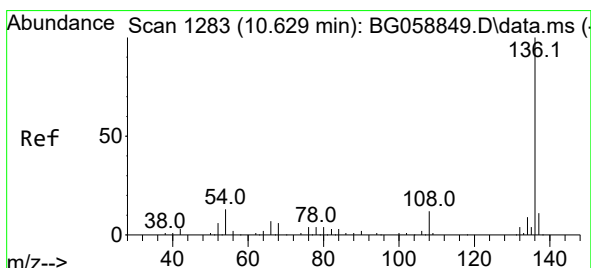
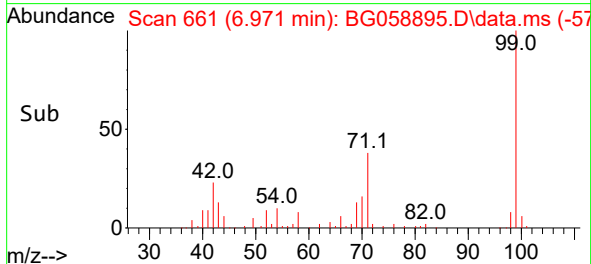
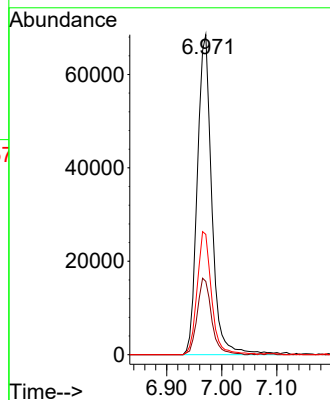
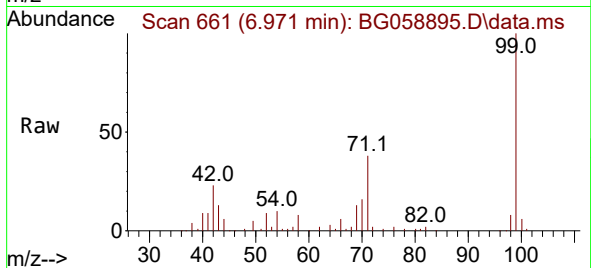
Tgt Ion: 99 Resp: 125110

Ion Ratio Lower Upper

99 100

42 22.9 16.5 24.7

71 37.6 28.4 42.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.596 min Scan# 1278

Delta R.T. 0.005 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

Tgt Ion: 136 Resp: 93049

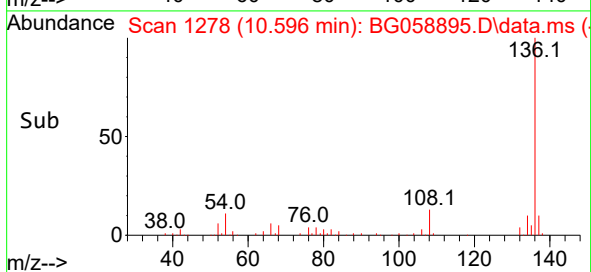
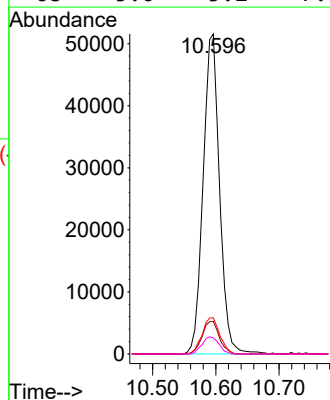
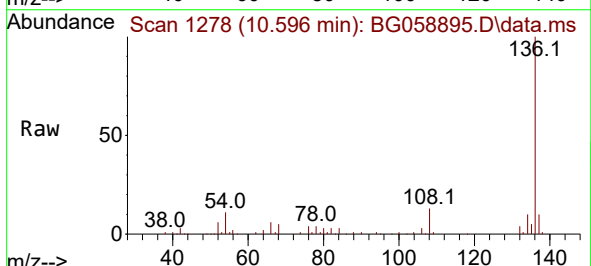
Ion Ratio Lower Upper

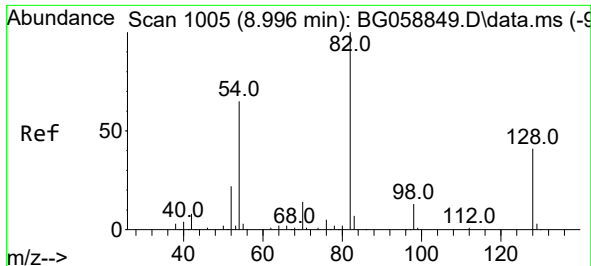
136 100

137 10.2 8.7 13.1

54 11.3 10.1 15.1

68 5.0 5.2 7.8#

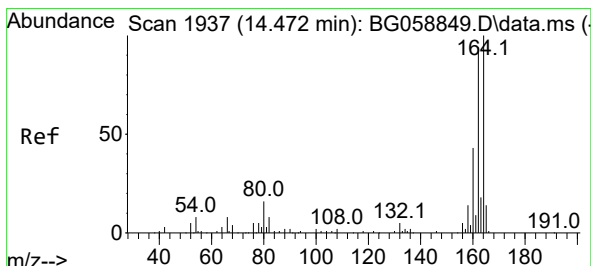
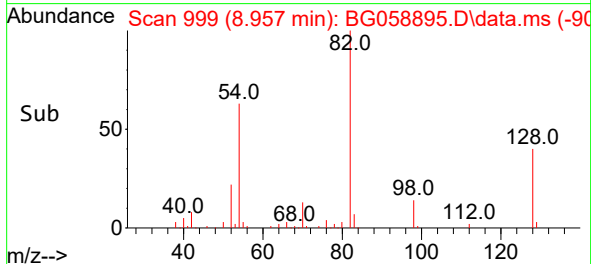
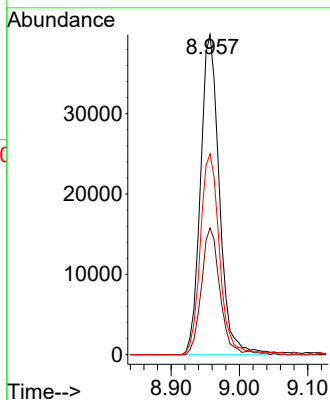
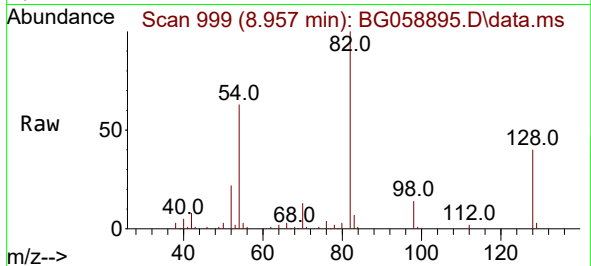




#23
Nitrobenzene-d5
Concen: 39.529 ng
RT: 8.957 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

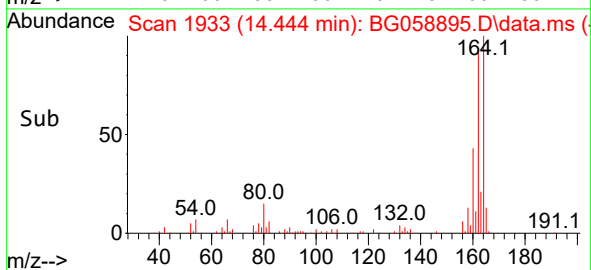
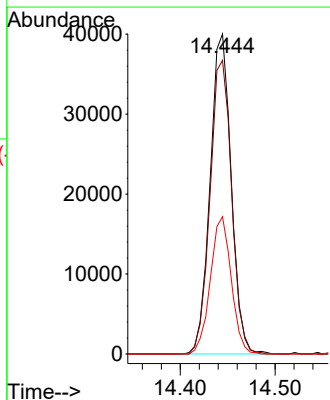
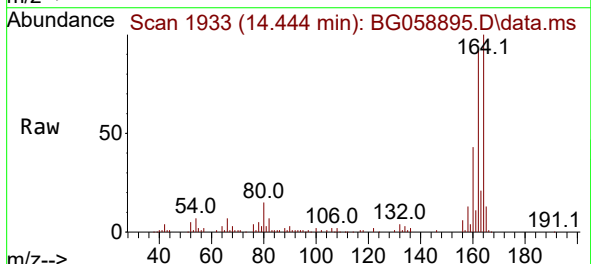
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

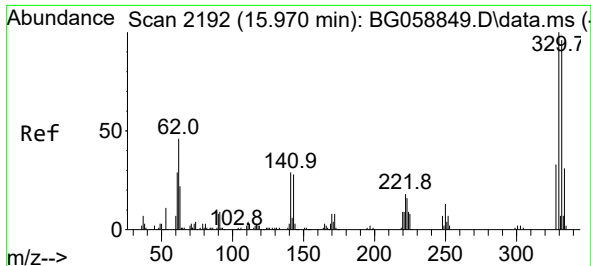
Tgt Ion: 82 Resp: 76505
Ion Ratio Lower Upper
82 100
128 39.6 33.2 49.8
54 62.8 51.2 76.8



#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

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

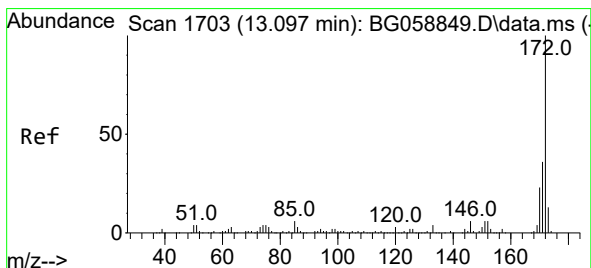
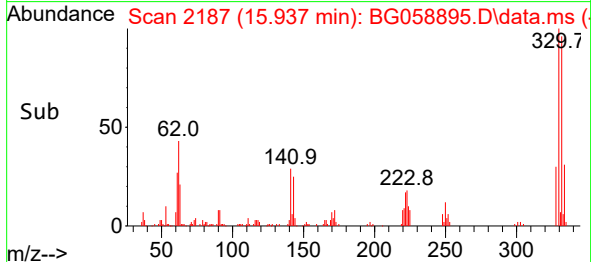
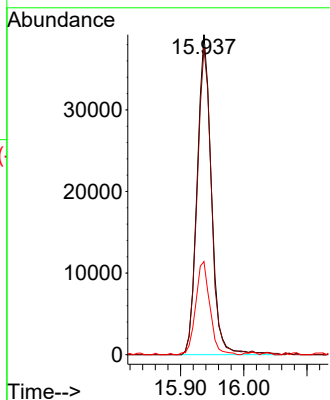
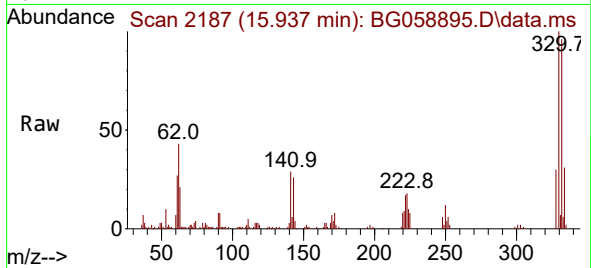




#42
2,4,6-Tribromophenol
Concen: 63.560 ng
RT: 15.937 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

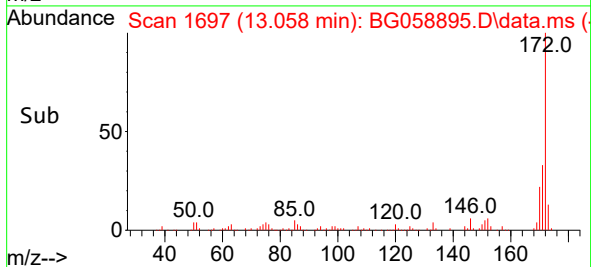
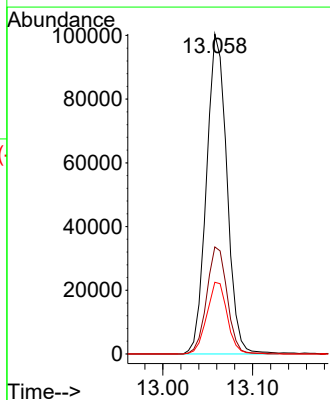
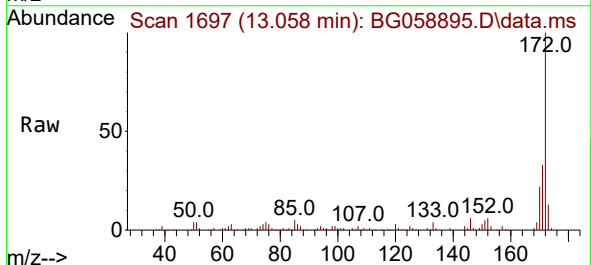
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

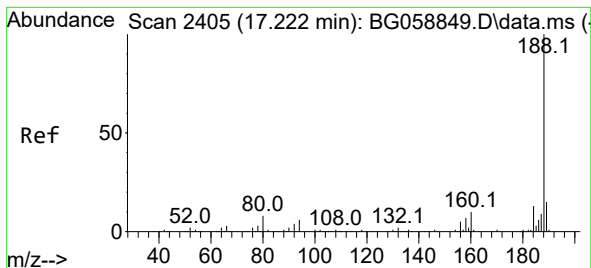
Tgt Ion: 330 Resp: 61433
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 28.9 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 37.427 ng
RT: 13.058 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.188 min Scan# 2405

Delta R.T. 0.005 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

Instrument :

BNA_G

ClientSampleId :

HR-03-082523

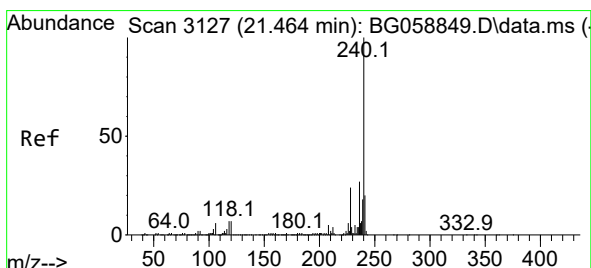
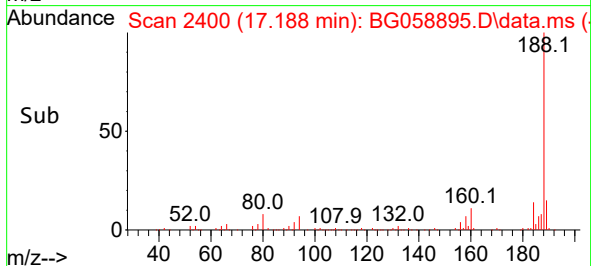
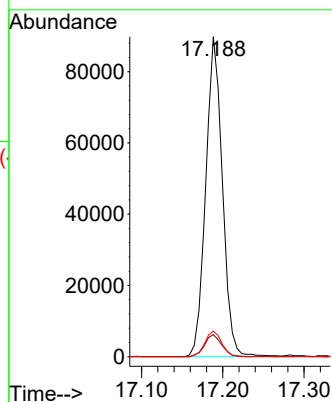
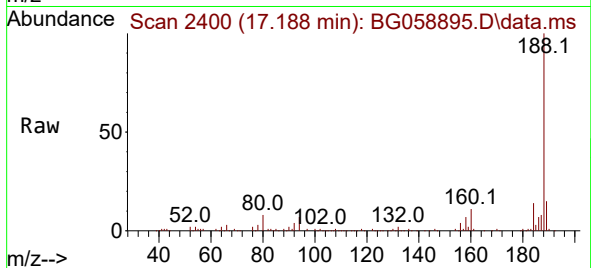
Tgt Ion:188 Resp: 127684

Ion Ratio Lower Upper

188 100

94 6.9 6.1 9.1

80 8.0 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.430 min Scan# 3122

Delta R.T. 0.005 min

Lab File: BG058895.D

Acq: 29 Aug 2023 20:10

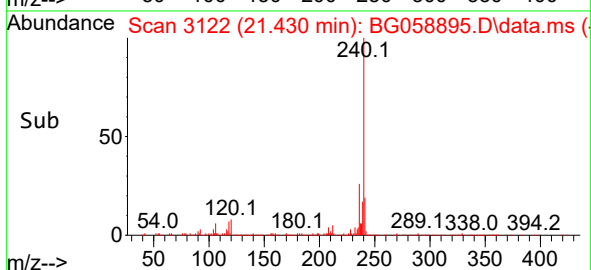
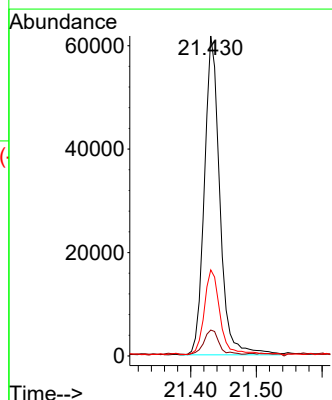
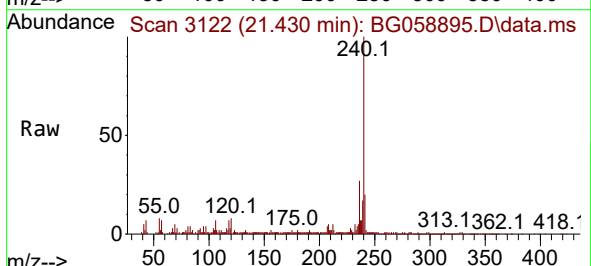
Tgt Ion:240 Resp: 101015

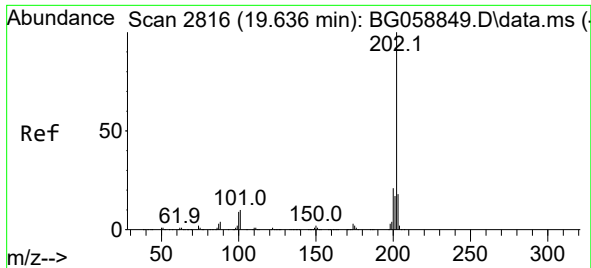
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 26.9 20.5 30.7

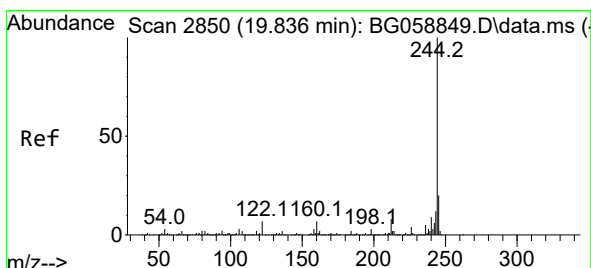
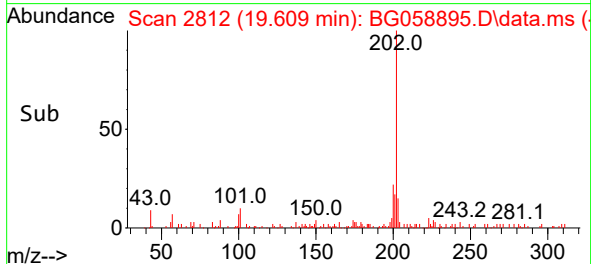
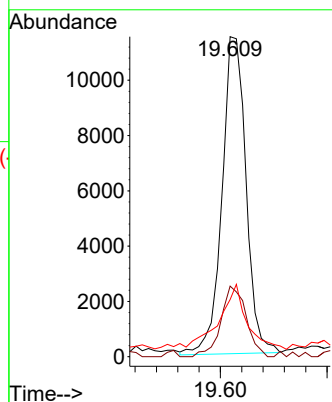
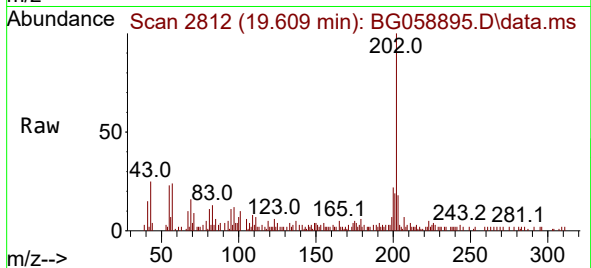




#78
Pyrene
Concen: 2.551 ng
RT: 19.609 min Scan# 2816
Delta R.T. 0.005 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

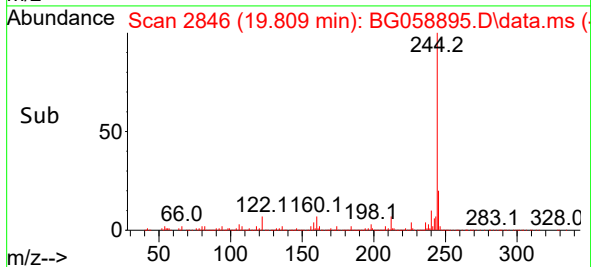
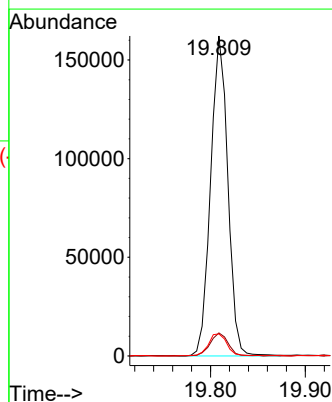
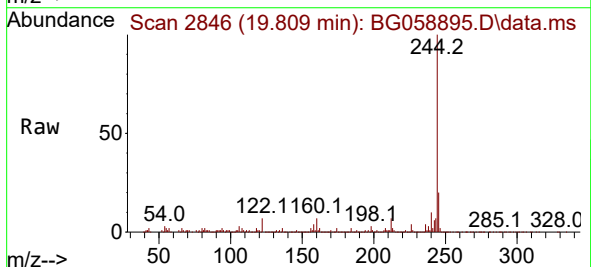
Instrument :
BNA_G
ClientSampleId :
HR-03-082523

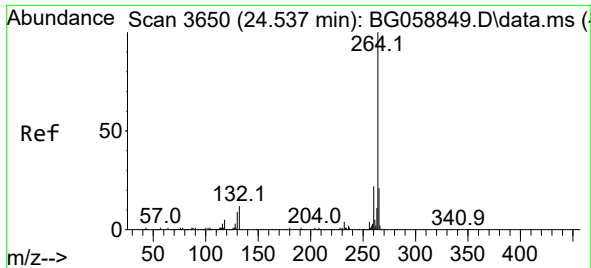
Tgt Ion:	202	Resp:	17955
Ion Ratio	Lower	Upper	
202	100		
200	22.1	16.7	25.1
203	17.9	15.3	22.9



#79
Terphenyl-d14
Concen: 36.369 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.005 min
Lab File: BG058895.D
Acq: 29 Aug 2023 20:10

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# 30
 Delta R.T. 0.028 min
 Lab File: BG058895.D
 Acq: 29 Aug 2023 20:10

Instrument :
 BNA_G
 ClientSampleId :
 HR-03-082523

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

