

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058712.D
 Acq On : 11 Aug 2023 21:29
 Operator : MA/JU
 Sample : 03958-06 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB02-Z21-23

Quant Time: Aug 11 23:04:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

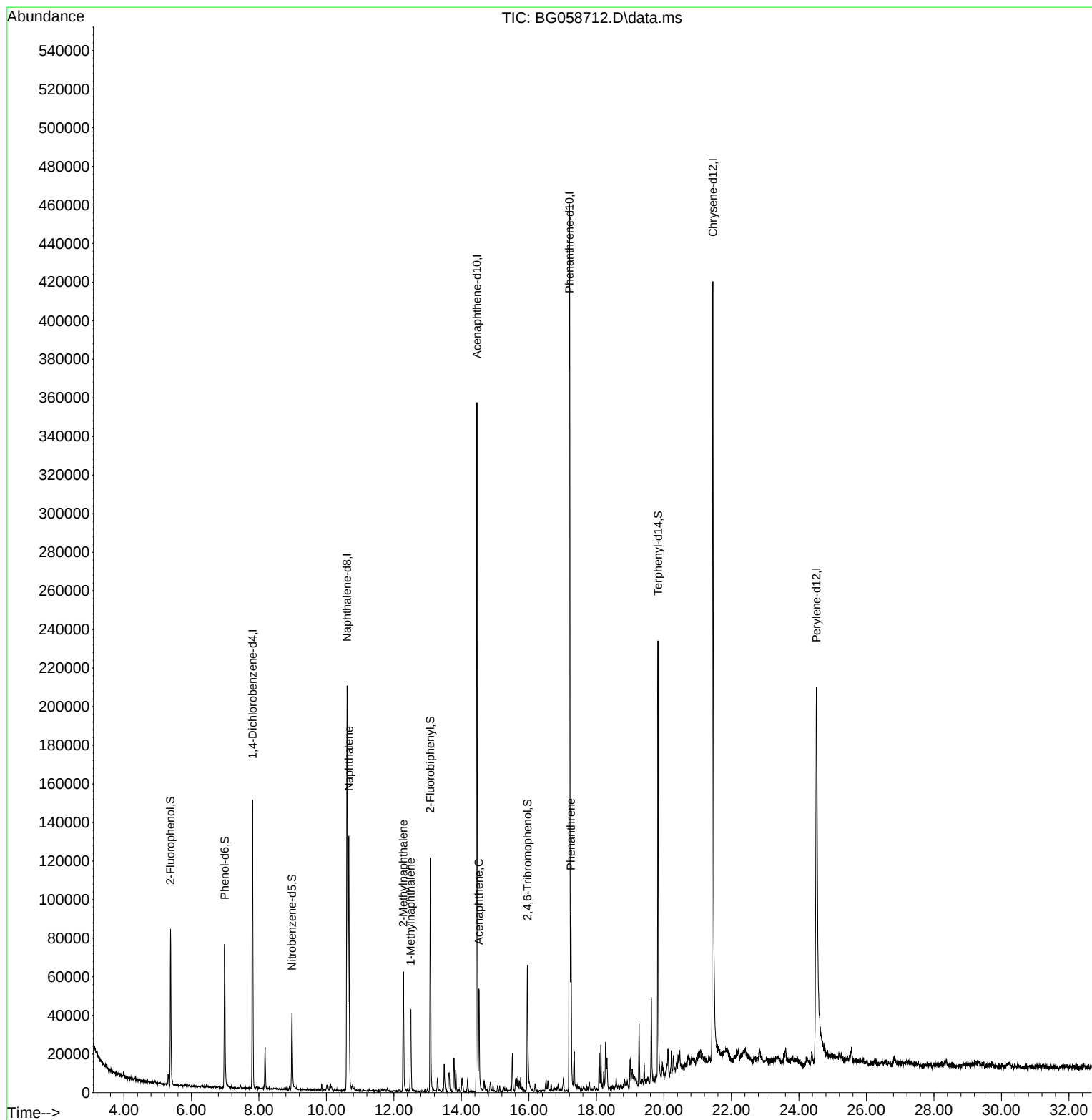
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	43710	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	192624	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	137305	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	330888	20.000	ng	0.00
76) Chrysene-d12	21.451	240	296212	20.000	ng	0.00
86) Perylene-d12	24.518	264	309936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	36471	12.753	ng	0.00
7) Phenol-d6	6.985	99	49268	12.381	ng	0.00
23) Nitrobenzene-d5	8.983	82	29230	7.455	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	21058	9.357	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	75638	8.255	ng	0.00
79) Terphenyl-d14	19.823	244	136429	8.661	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.664	128	114653	11.293	ng	99
37) 2-Methylnaphthalene	12.279	142	34993	4.819	ng	97
38) 1-Methylnaphthalene	12.497	142	23542	3.410	ng	92
52) Acenaphthene	14.518	154	19301	2.714	ng	96
71) Phenanthrene	17.244	178	53190	3.390	ng	99

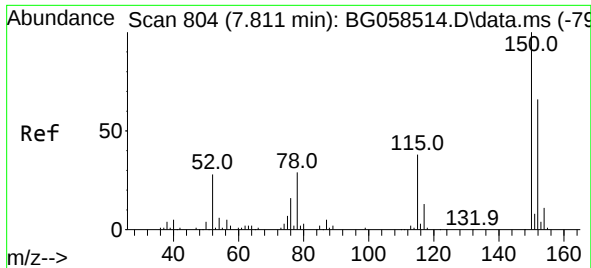
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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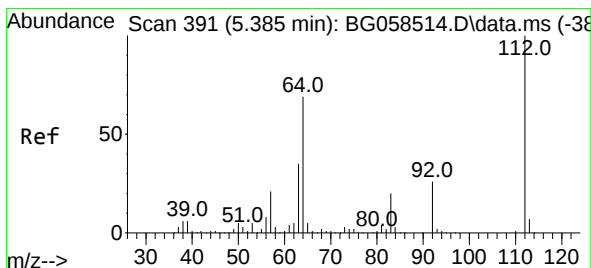
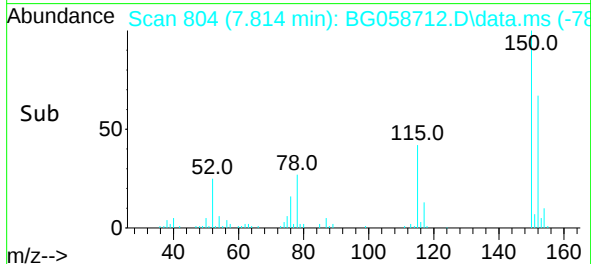
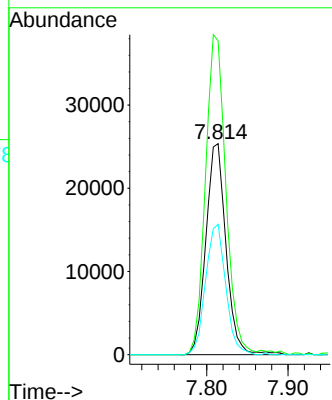
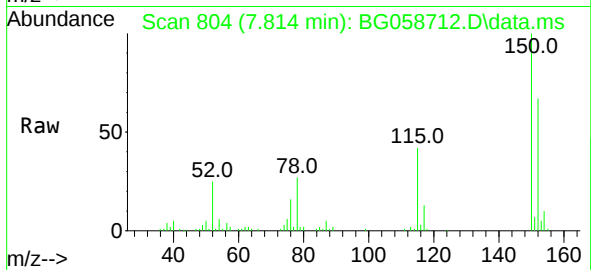




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

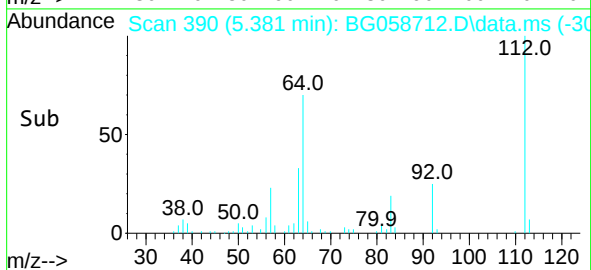
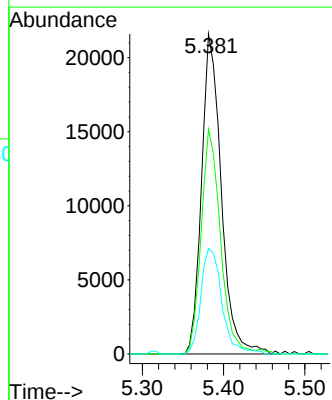
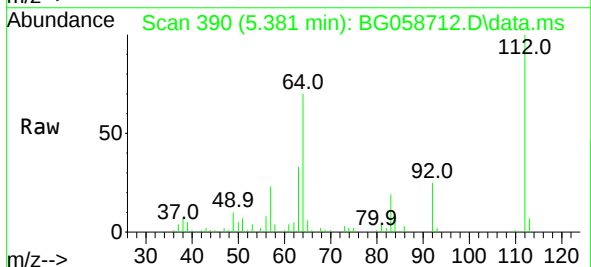
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB02-Z21-23

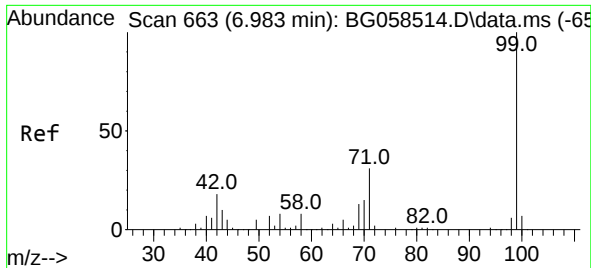
Tgt Ion:152 Resp: 43710
Ion Ratio Lower Upper
152 100
150 148.8 120.5 180.7
115 61.8 45.9 68.9



#5
2-Fluorophenol
Concen: 12.753 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

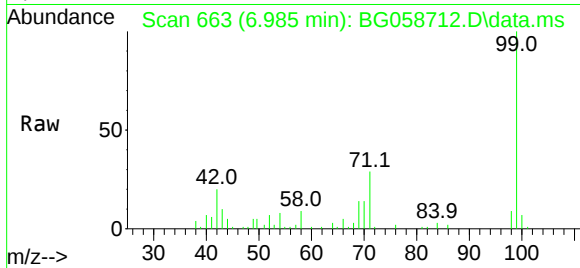
Tgt Ion:112 Resp: 36471
Ion Ratio Lower Upper
112 100
64 70.3 55.3 82.9
63 32.9 28.3 42.5



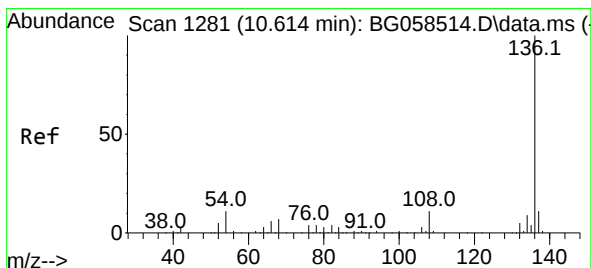
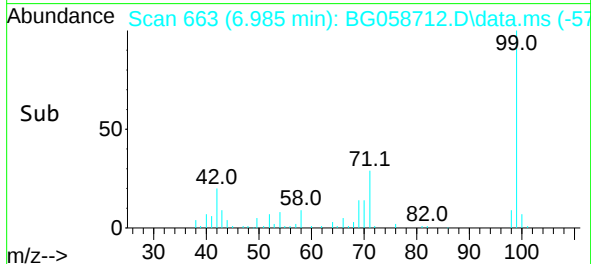
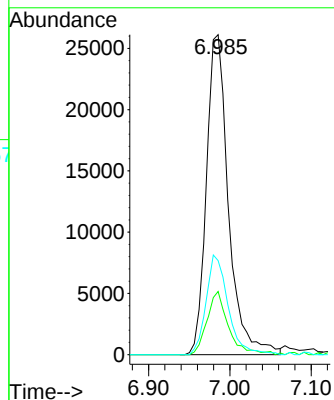


#7
Phenol-d6
Concen: 12.381 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB02-Z21-23

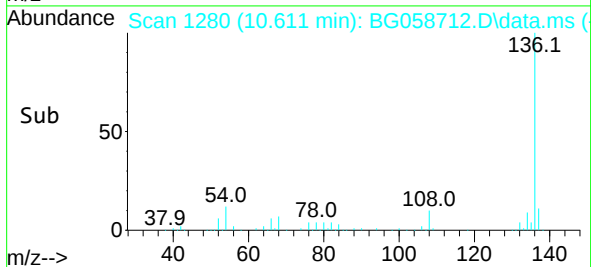
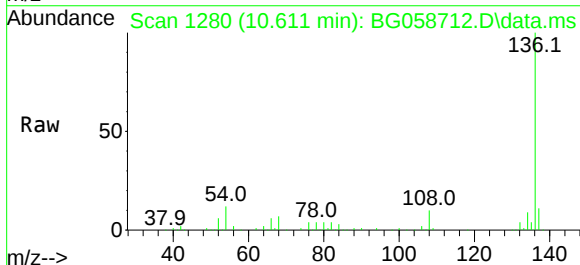
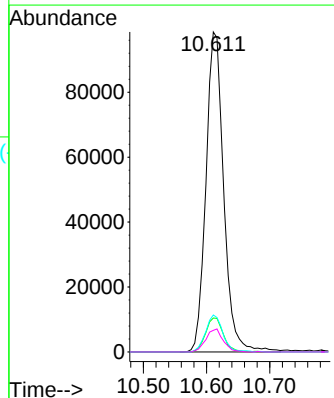


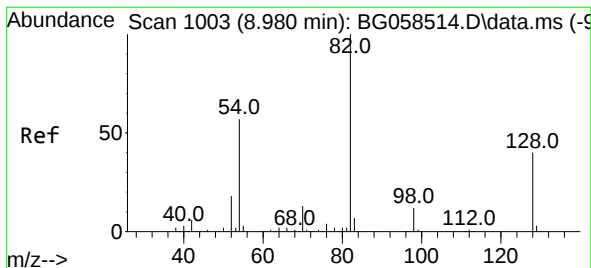
Tgt Ion:	99	Resp:	49268
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.6	21.8
71	29.4	25.0	37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

Tgt Ion:	136	Resp:	192624
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	11.5	8.9	13.3
68	6.8	5.6	8.4





#23

Nitrobenzene-d5

Concen: 7.455 ng

RT: 8.983 min Scan# 10

Delta R.T. 0.003 min

Lab File: BG058712.D

Acq: 11 Aug 2023 21:29

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB02-Z21-23

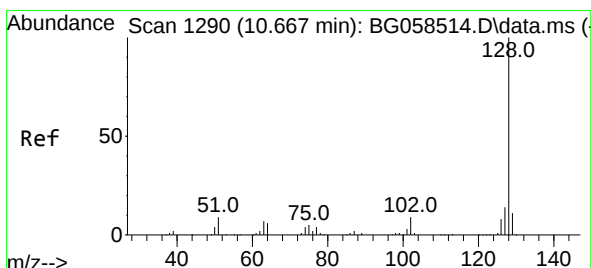
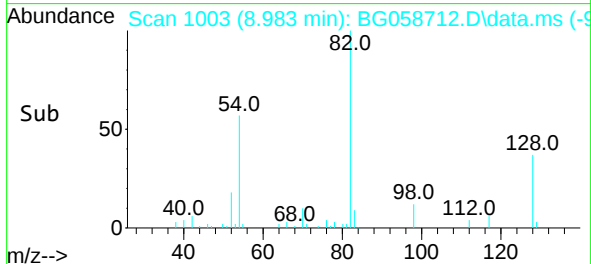
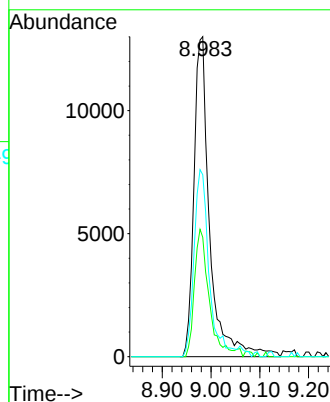
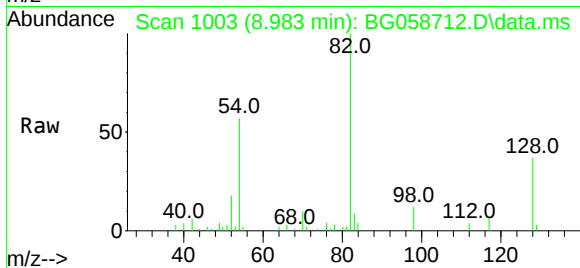
Tgt Ion: 82 Resp: 29230

Ion Ratio Lower Upper

82 100

128 37.3 32.2 48.2

54 56.9 46.0 69.0



#31

Naphthalene

Concen: 11.293 ng

RT: 10.664 min Scan# 1289

Delta R.T. -0.003 min

Lab File: BG058712.D

Acq: 11 Aug 2023 21:29

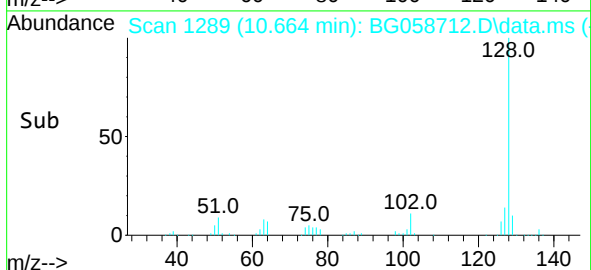
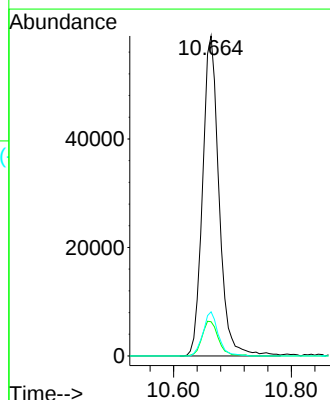
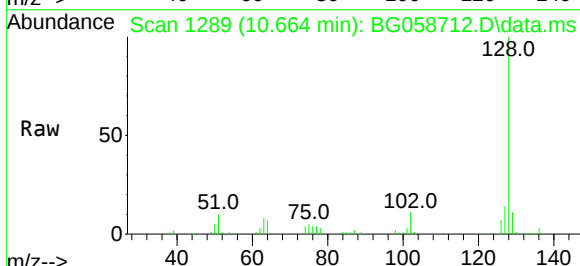
Tgt Ion:128 Resp: 114653

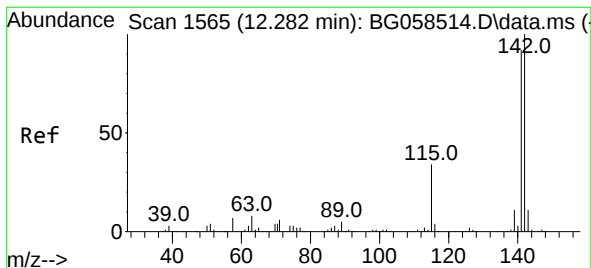
Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.8 10.9 16.3





#37

2-Methylnaphthalene

Concen: 4.819 ng

RT: 12.279 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058712.D

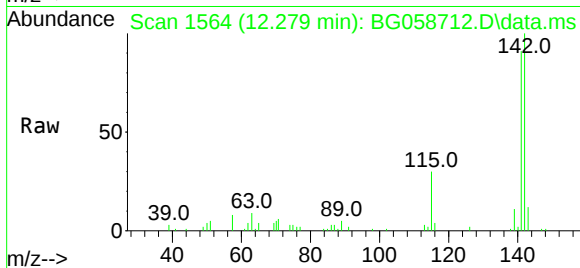
Acq: 11 Aug 2023 21:29

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB02-Z21-23



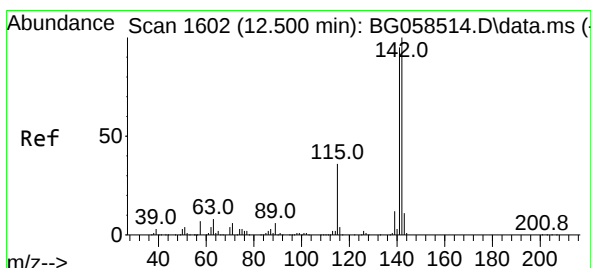
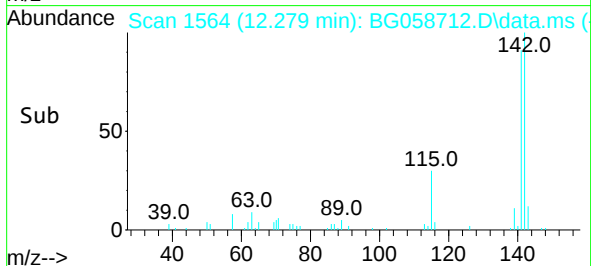
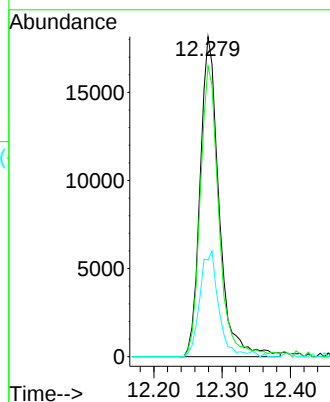
Tgt Ion:142 Resp: 34993

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3

115 30.2 27.4 41.0



#38

1-Methylnaphthalene

Concen: 3.410 ng

RT: 12.497 min Scan# 1601

Delta R.T. -0.003 min

Lab File: BG058712.D

Acq: 11 Aug 2023 21:29

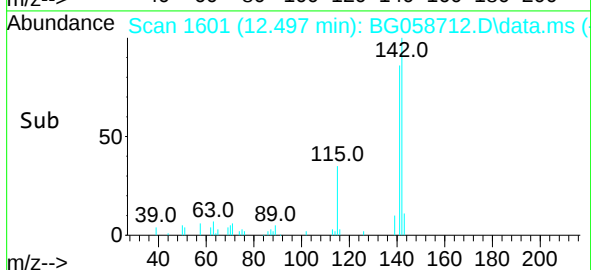
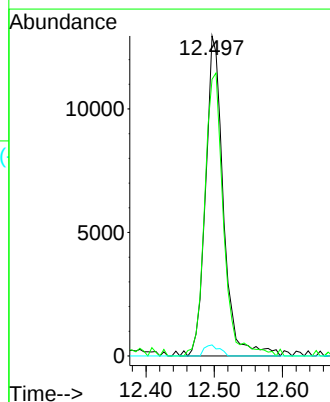
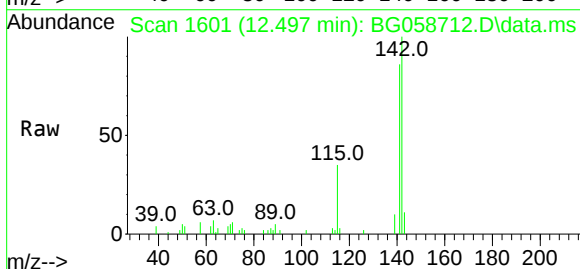
Tgt Ion:142 Resp: 23542

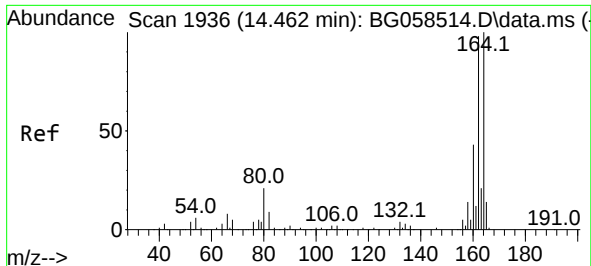
Ion Ratio Lower Upper

142 100

141 86.5 75.7 113.5

116 3.4 3.2 4.8

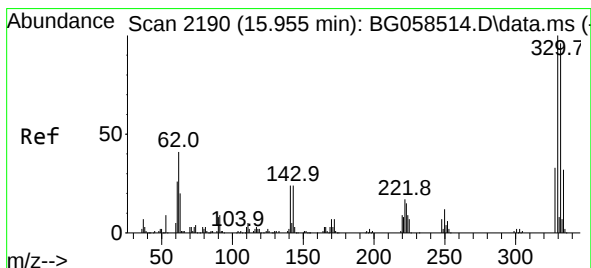
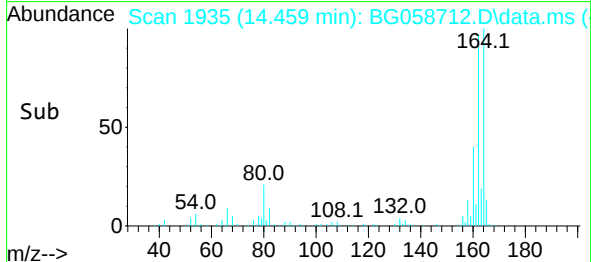
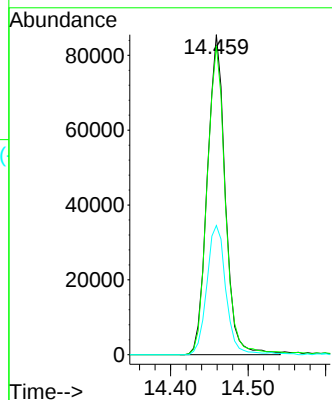
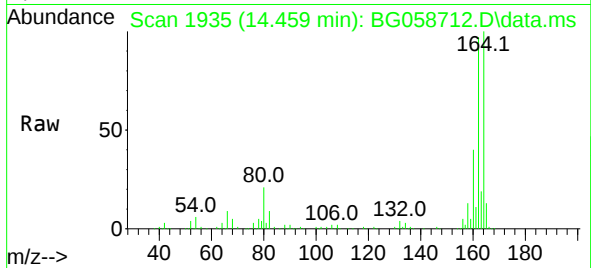




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

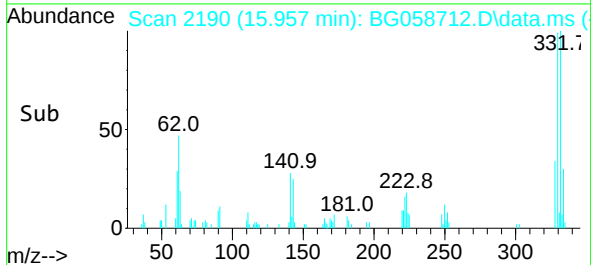
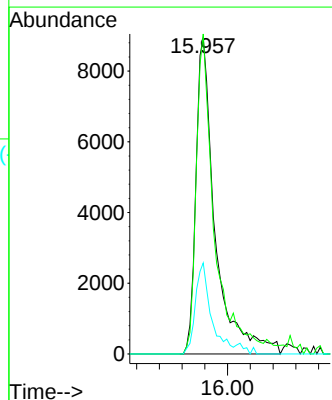
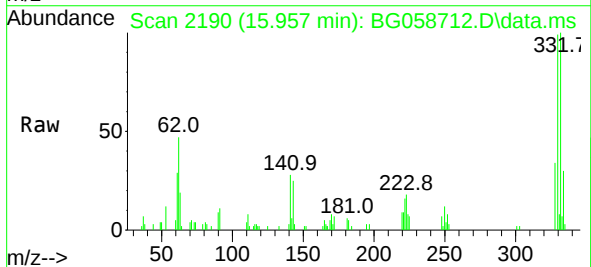
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB02-Z21-23

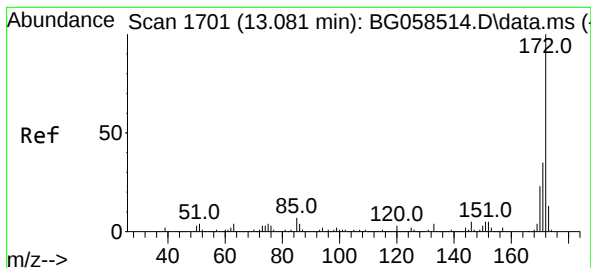
Tgt Ion:164 Resp: 137305
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 40.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 9.357 ng
RT: 15.957 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

Tgt Ion:330 Resp: 21058
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 23.6 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 8.255 ng

RT: 13.078 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058712.D

Acq: 11 Aug 2023 21:29

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB02-Z21-23

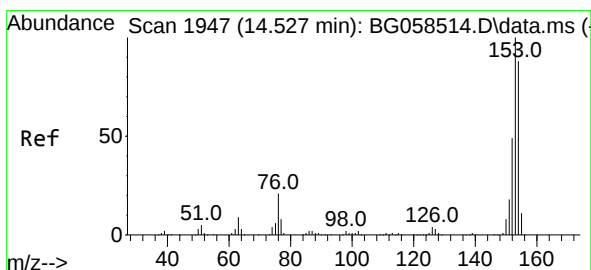
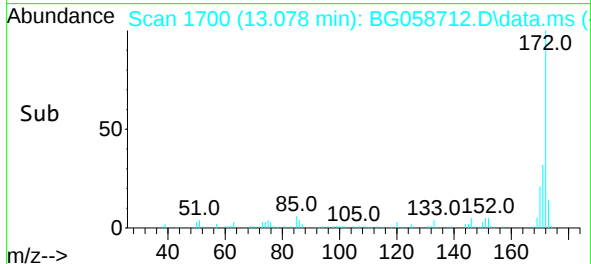
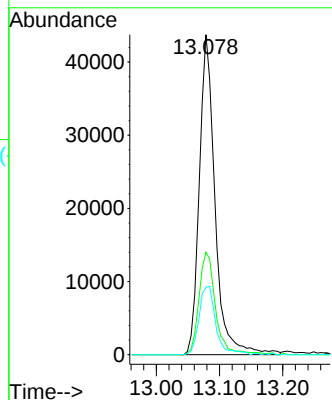
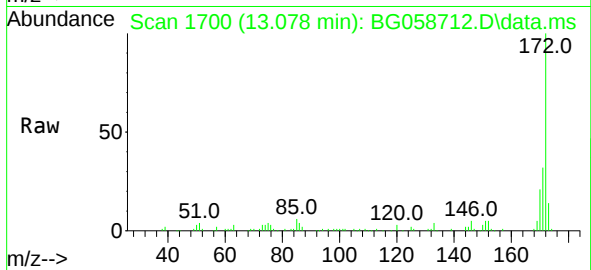
Tgt Ion:172 Resp: 75638

Ion Ratio Lower Upper

172 100

171 32.0 28.0 42.0

170 21.1 18.4 27.6



#52

Acenaphthene

Concen: 2.714 ng

RT: 14.518 min Scan# 1945

Delta R.T. -0.009 min

Lab File: BG058712.D

Acq: 11 Aug 2023 21:29

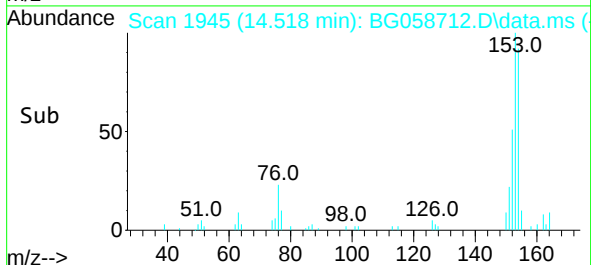
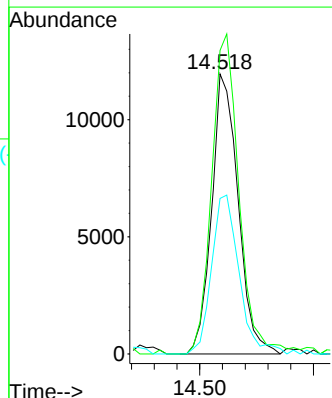
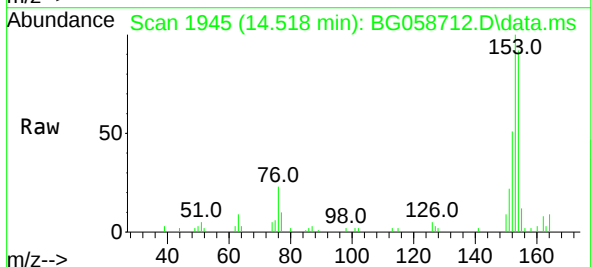
Tgt Ion:154 Resp: 19301

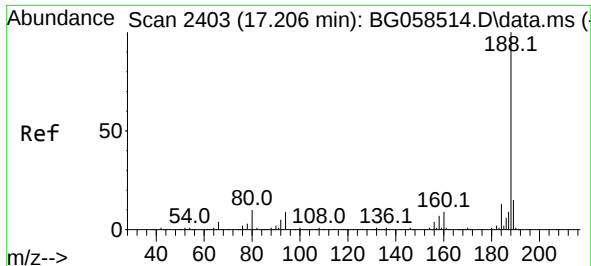
Ion Ratio Lower Upper

154 100

153 108.4 91.1 136.7

152 55.5 44.6 66.8

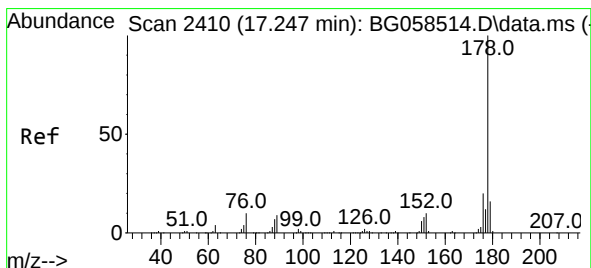
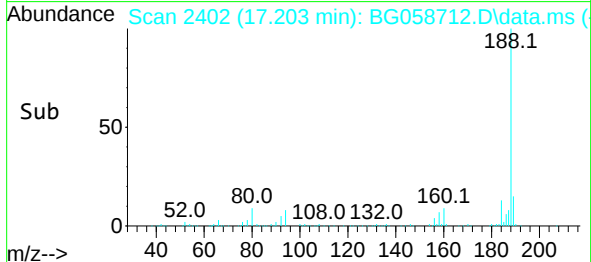
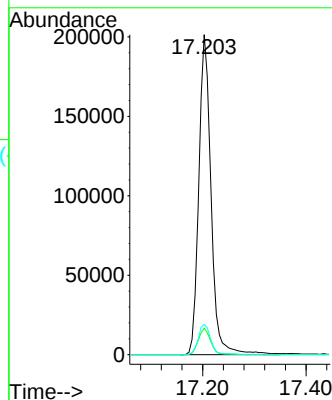
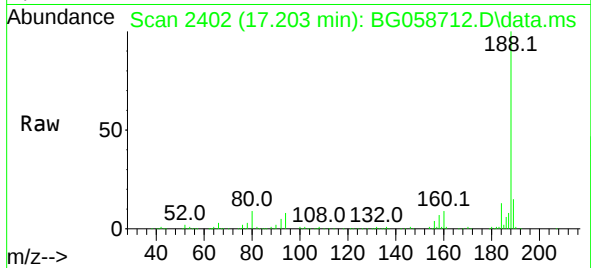




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

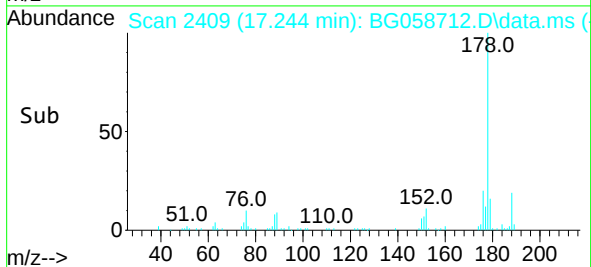
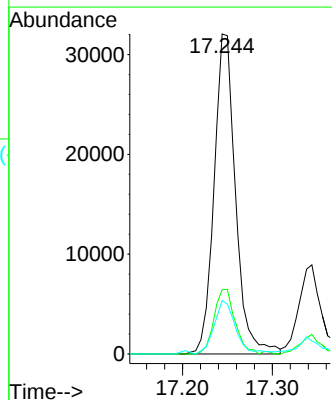
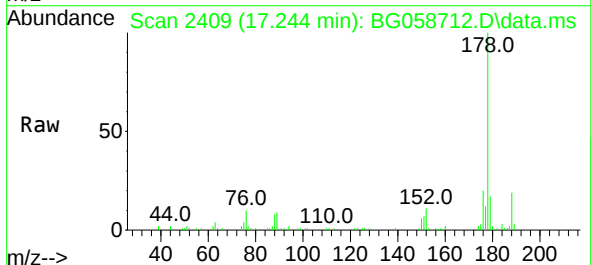
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB02-Z21-23

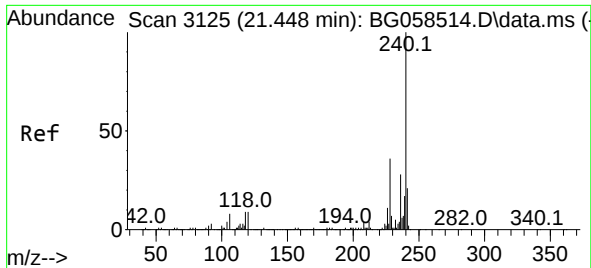
Tgt Ion:188 Resp: 330888
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.4 8.1 12.1



#71
Phenanthrene
Concen: 3.390 ng
RT: 17.244 min Scan# 2409
Delta R.T. -0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

Tgt Ion:178 Resp: 53190
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 16.7 13.1 19.7

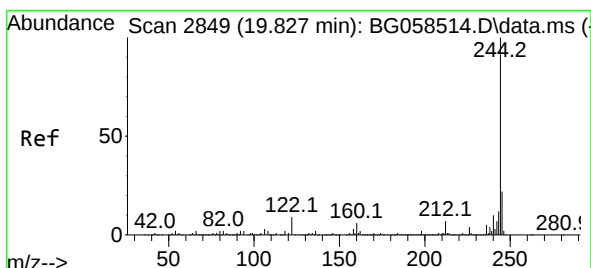
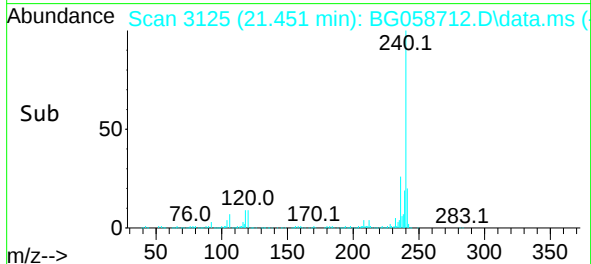
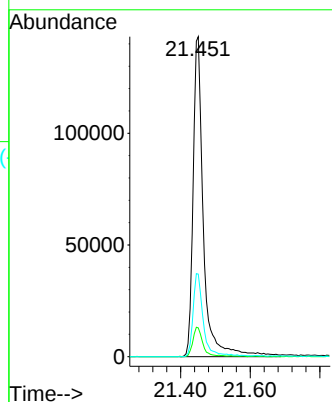
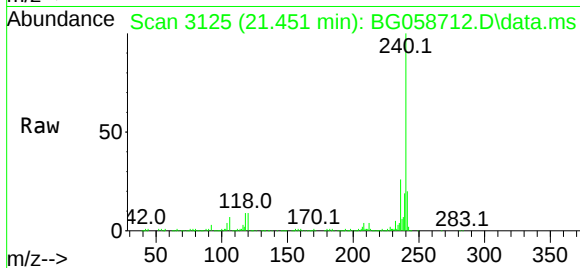




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

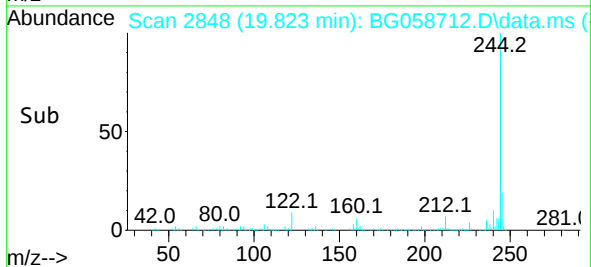
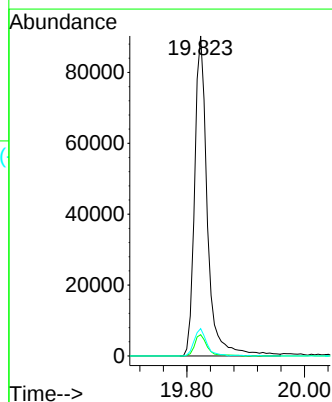
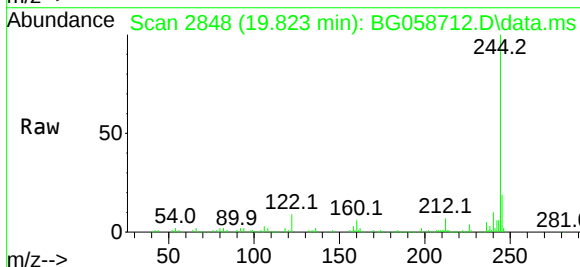
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB02-Z21-23

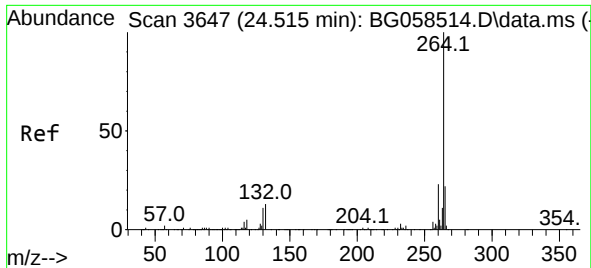
Tgt Ion:240 Resp: 296212
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 25.8 22.2 33.4



#79
Terphenyl-d14
Concen: 8.661 ng
RT: 19.823 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG058712.D
Acq: 11 Aug 2023 21:29

Tgt Ion:244 Resp: 136429
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.5 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG058712.D
 Acq: 11 Aug 2023 21:29

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB02-Z21-23

Tgt Ion:264 Resp: 309936
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.4 27.6
 265 19.8 17.9 26.9

