

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060802.D
 Acq On : 5 Apr 2024 19:06
 Operator : MA/JU
 Sample : P1995-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-23-00119

Quant Time: Apr 05 23:10:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

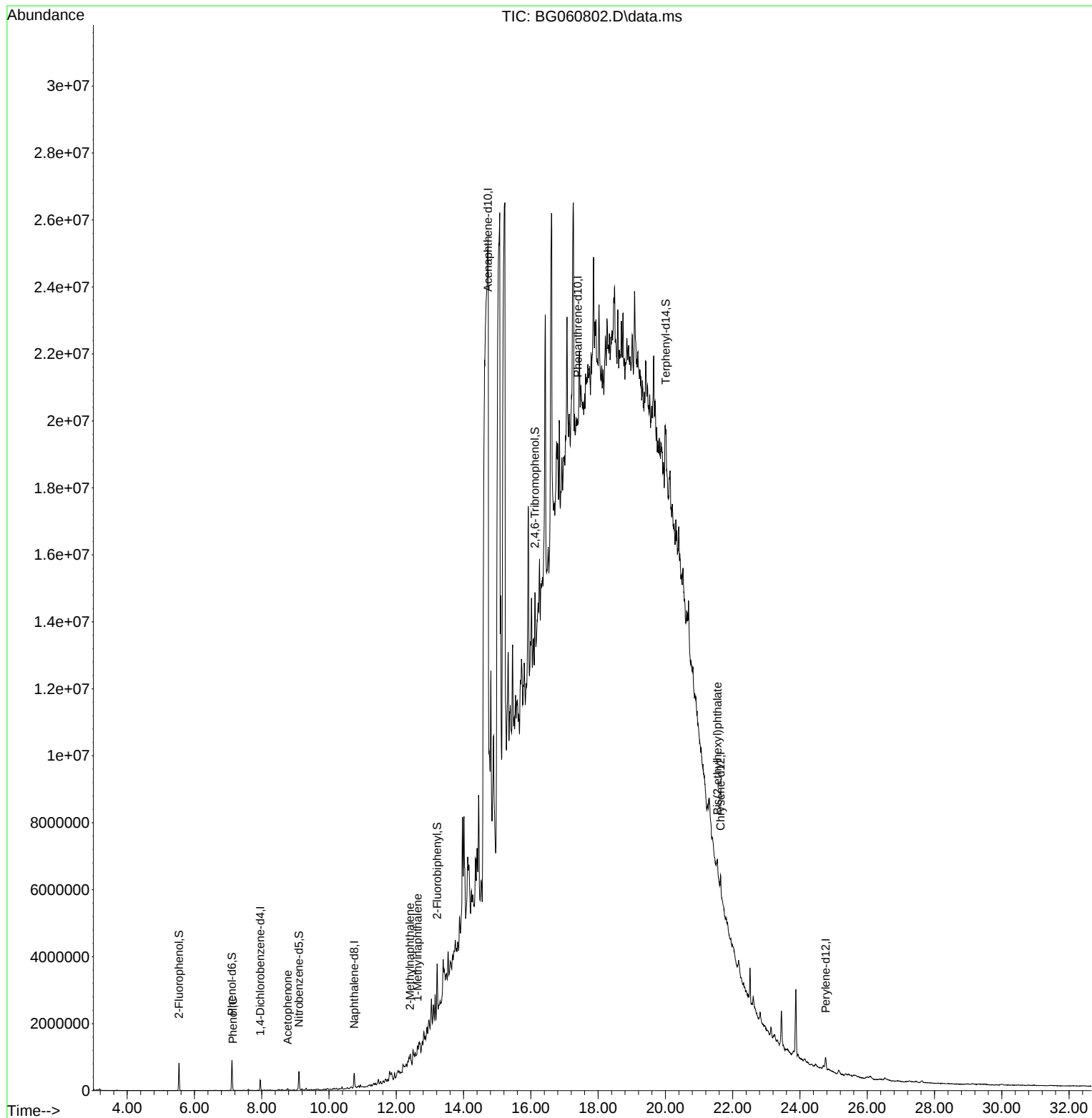
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	80100	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	299925	20.000	ng	0.00
39) Acenaphthene-d10	14.723	164	2108759	20.000	ng	# 0.13
64) Phenanthrene-d10	17.397	188	283373	20.000	ng	# 0.06
76) Chrysene-d12	21.639	240	284093	20.000	ng	# 0.03
86) Perylene-d12	24.764	264	386726	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	329276	68.482	ng	0.00
7) Phenol-d6	7.115	99	464258	65.047	ng	0.00
23) Nitrobenzene-d5	9.106	82	306615	58.334	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	166031	6.936	ng	0.05
45) 2-Fluorobiphenyl	13.213	172	676482	4.708	ng	0.00
79) Terphenyl-d14	20.011	244	865175	53.624	ng	0.05
Target Compounds						Qvalue
10) Phenol	7.144	94	14768	2.027	ng	95
22) Acetophenone	8.771	105	29796	3.603	ng	# 89
37) 2-Methylnaphthalene	12.408	142	27058	2.268	ng	# 82
38) 1-Methylnaphthalene	12.632	142	24943	2.214	ng	# 98
84) Bis(2-ethylhexyl)phtha...	21.545	149	129122	11.177	ng	# 75

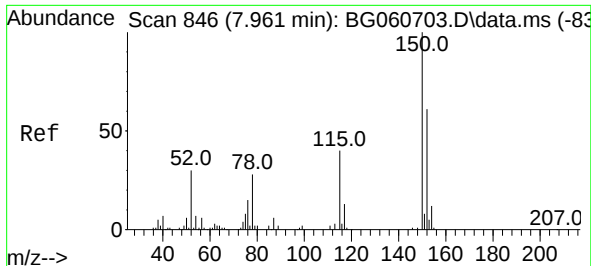
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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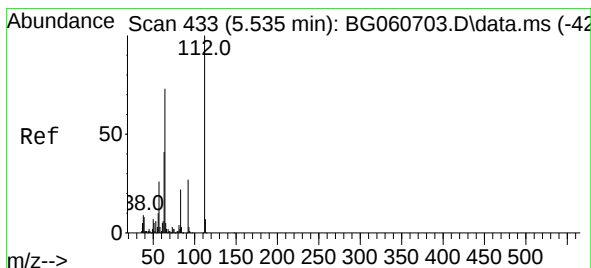
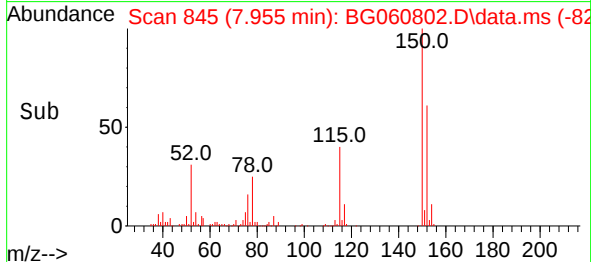
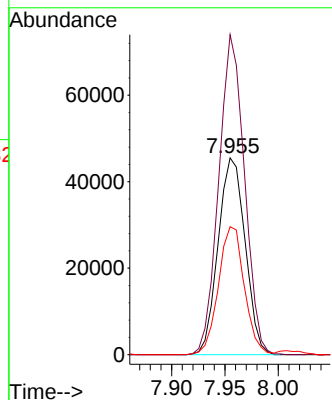
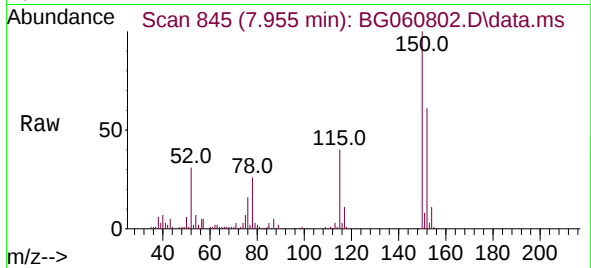




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060802.D
Acq: 5 Apr 2024 19:06

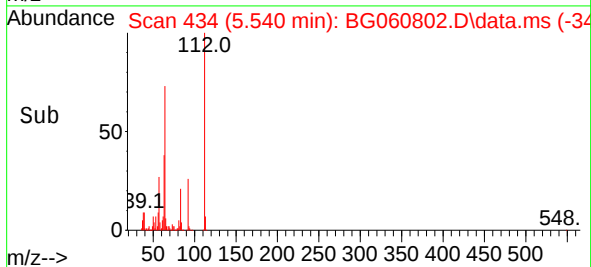
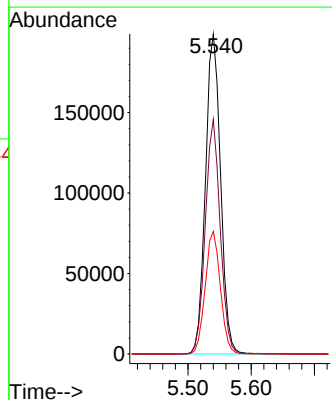
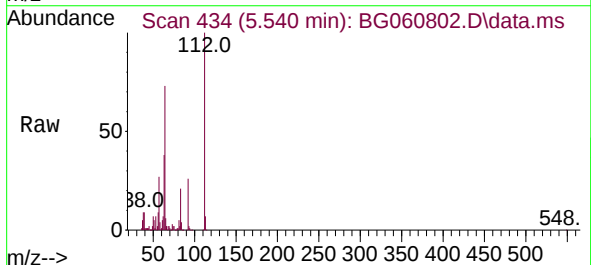
Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

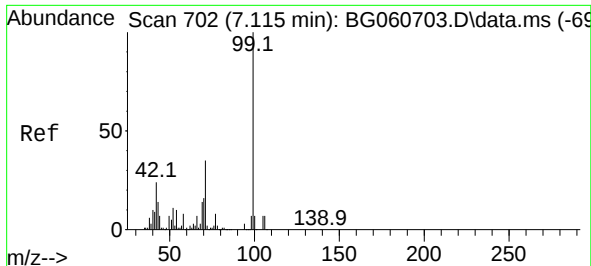
Tgt Ion:152 Resp: 80100
Ion Ratio Lower Upper
152 100
150 162.7 130.2 195.4
115 65.1 51.6 77.4



#5
2-Fluorophenol
Concen: 68.482 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060802.D
Acq: 5 Apr 2024 19:06

Tgt Ion:112 Resp: 329276
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 38.3 32.7 49.1





#7

Phenol-d6

Concen: 65.047 ng

RT: 7.115 min Scan# 702

Delta R.T. -0.001 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

MOO-23-00119

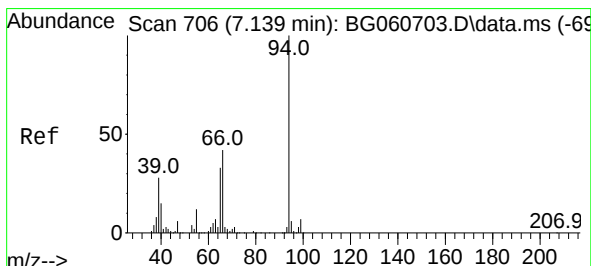
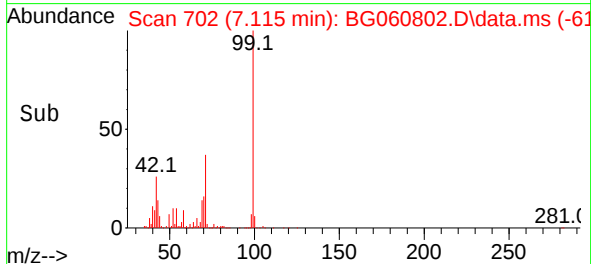
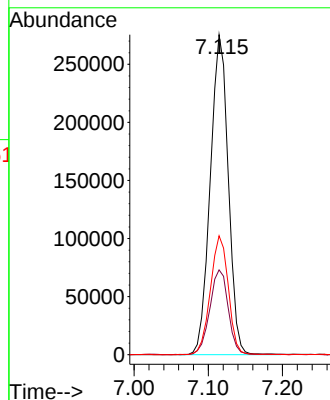
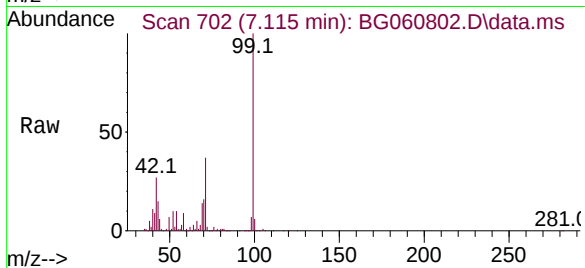
Tgt Ion: 99 Resp: 464258

Ion Ratio Lower Upper

99 100

42 26.5 19.4 29.2

71 37.1 28.2 42.2



#10

Phenol

Concen: 2.027 ng

RT: 7.144 min Scan# 707

Delta R.T. 0.005 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

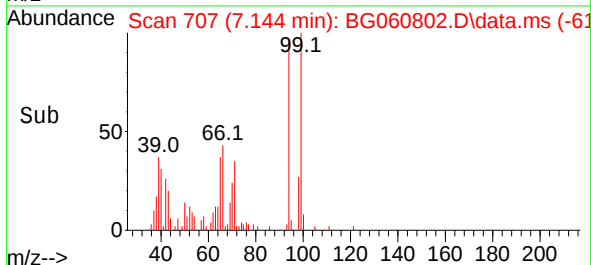
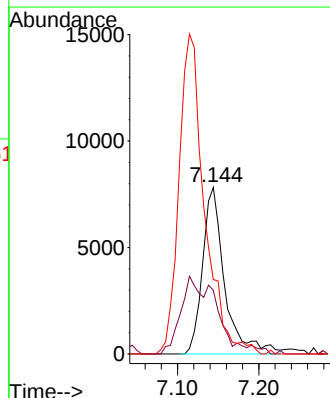
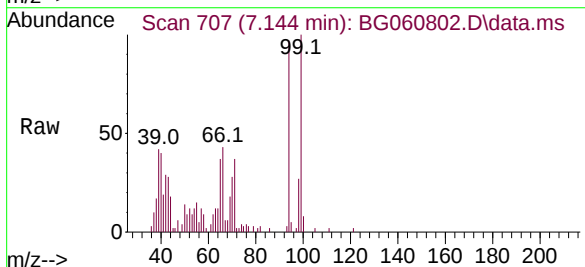
Tgt Ion: 94 Resp: 14768

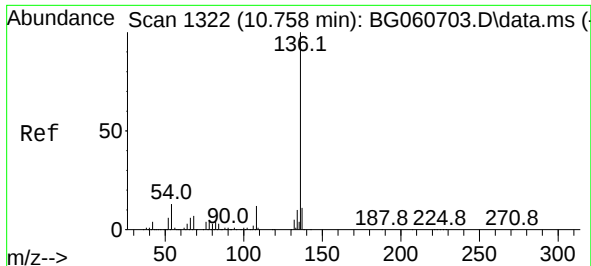
Ion Ratio Lower Upper

94 100

65 38.2 13.3 53.3

66 44.7 22.9 62.9

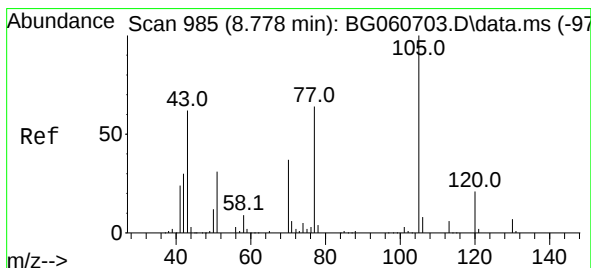
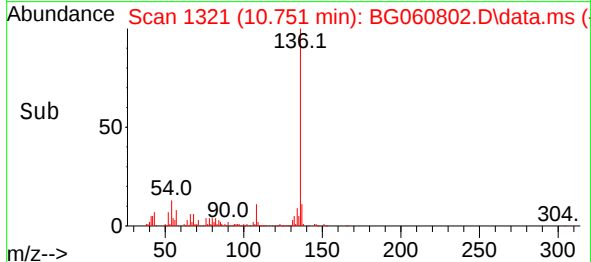
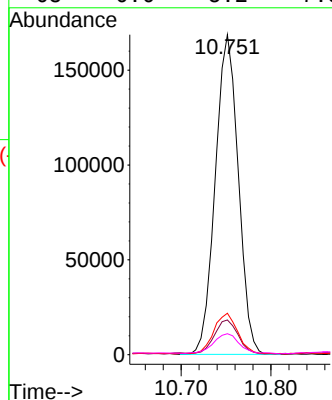
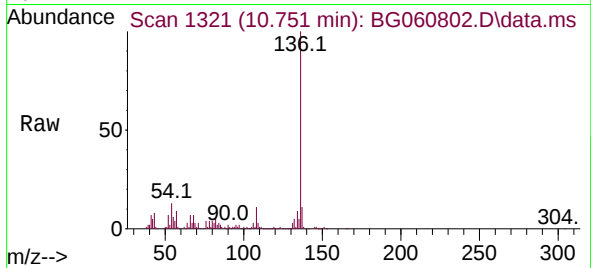




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060802.D
Acq: 5 Apr 2024 19:06

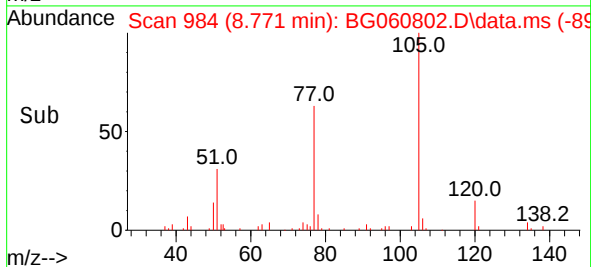
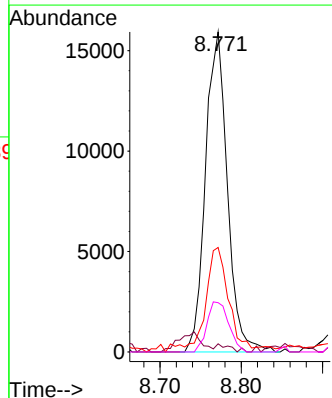
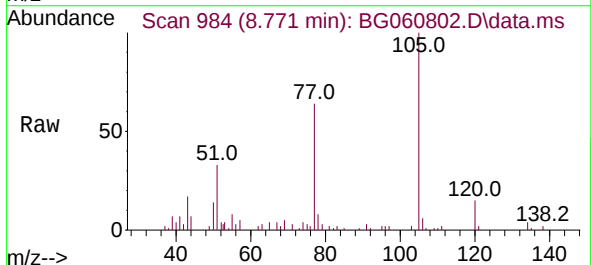
Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

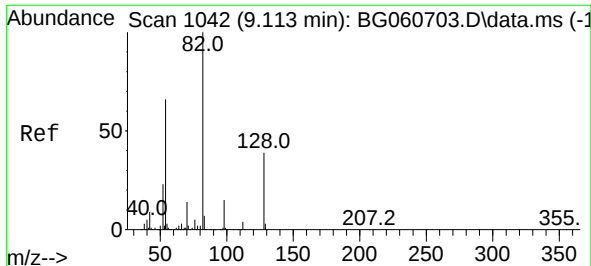
Tgt Ion:136 Resp: 299925
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.9 10.2 15.2
68 6.6 5.2 7.8



#22
Acetophenone
Concen: 3.603 ng
RT: 8.771 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG060802.D
Acq: 5 Apr 2024 19:06

Tgt Ion:105 Resp: 29796
Ion Ratio Lower Upper
105 100
71 2.6 4.9 7.3#
51 32.6 31.1 46.7
120 15.4 17.0 25.4#





#23

Nitrobenzene-d5

Concen: 58.334 ng

RT: 9.106 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

MOO-23-00119

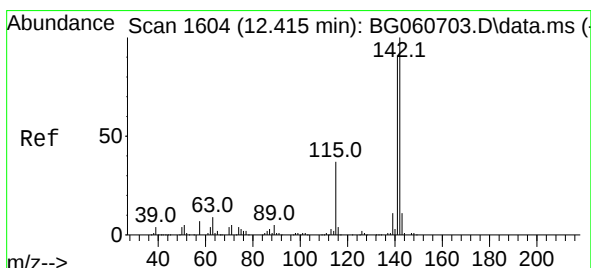
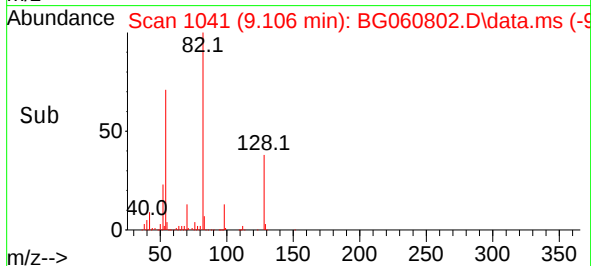
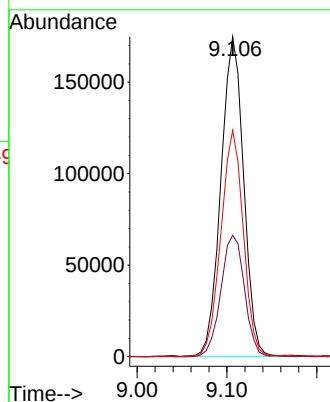
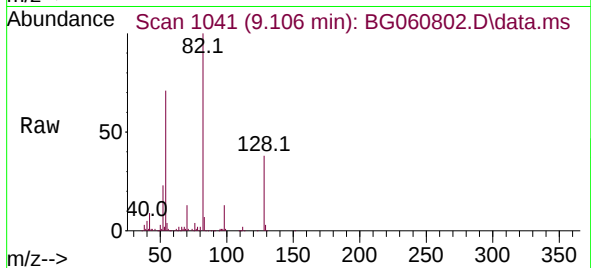
Tgt Ion: 82 Resp: 306615

Ion Ratio Lower Upper

82 100

128 37.9 31.2 46.8

54 70.7 53.2 79.8



#37

2-Methylnaphthalene

Concen: 2.268 ng

RT: 12.408 min Scan# 1603

Delta R.T. -0.007 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

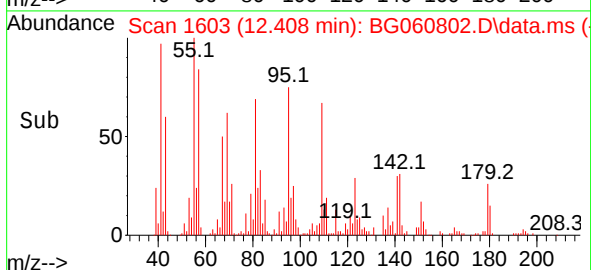
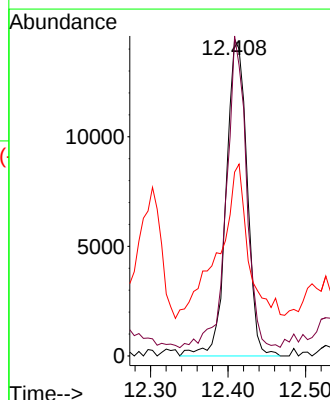
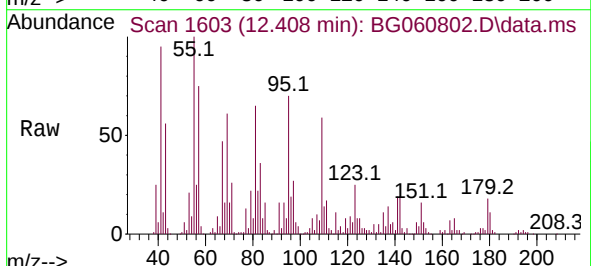
Tgt Ion:142 Resp: 27058

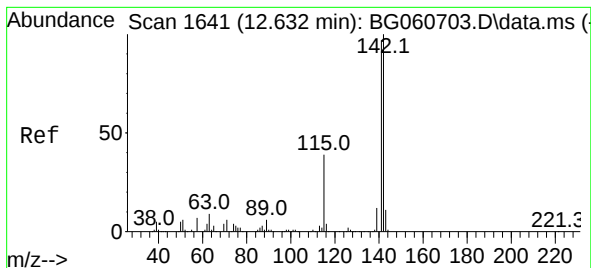
Ion Ratio Lower Upper

142 100

141 101.1 72.7 109.1

115 58.1 29.9 44.9#

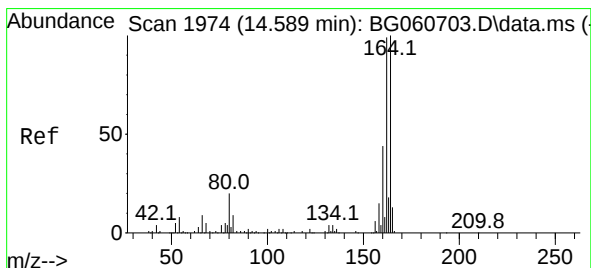
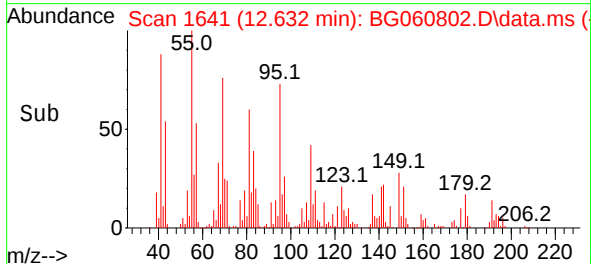
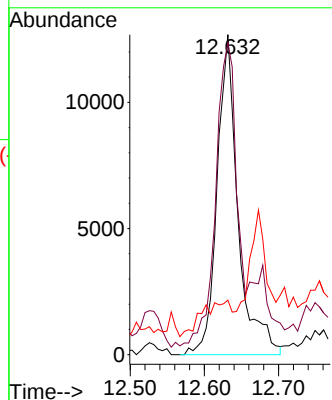
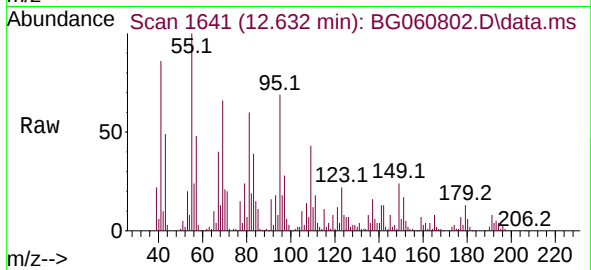




#38
1-Methylnaphthalene
Concen: 2.214 ng
RT: 12.632 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060802.D
Acq: 5 Apr 2024 19:06

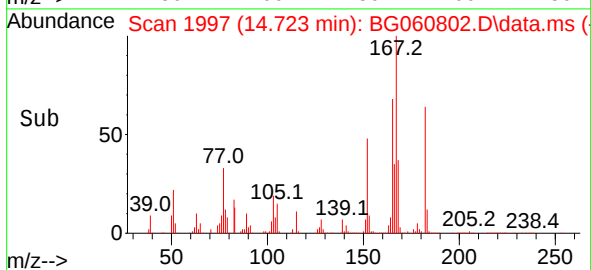
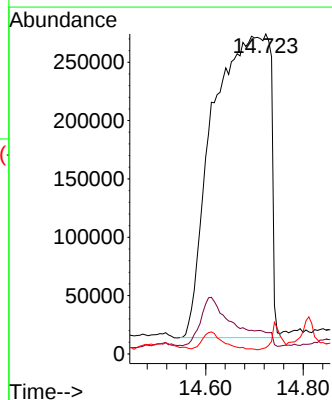
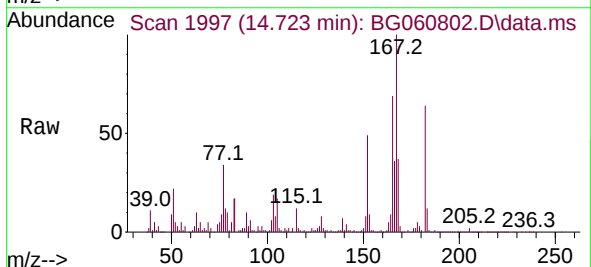
Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

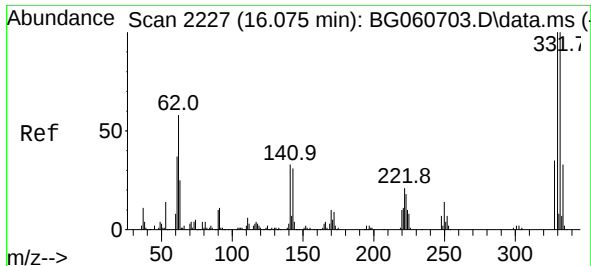
Tgt Ion:142 Resp: 24943
Ion Ratio Lower Upper
142 100
141 97.4 77.7 116.5
116 17.1 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.723 min Scan# 1997
Delta R.T. 0.134 min
Lab File: BG060802.D
Acq: 5 Apr 2024 19:06

Tgt Ion:164 Resp: 2108759
Ion Ratio Lower Upper
164 100
162 6.7 79.5 119.3#
160 2.0 35.4 53.0#





#42

2,4,6-Tribromophenol

Concen: 6.936 ng

RT: 16.122 min Scan# 21

Delta R.T. 0.046 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

MOO-23-00119

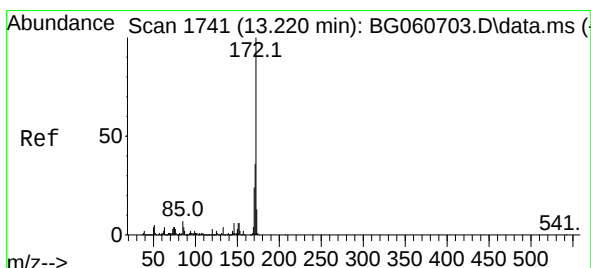
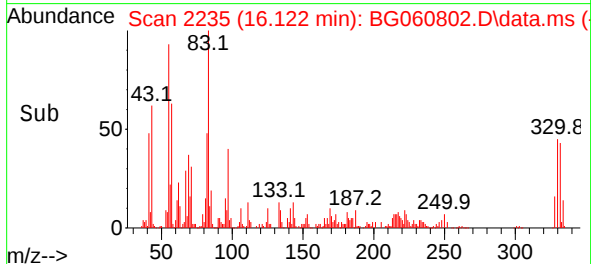
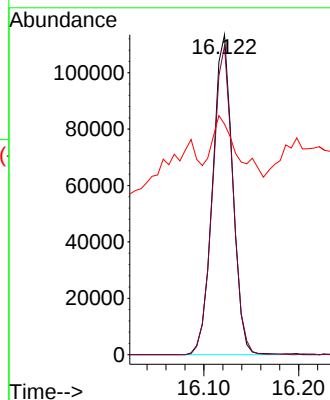
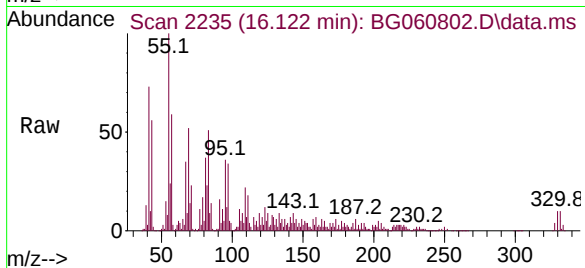
Tgt Ion:330 Resp: 166031

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

141 22.3 27.0 40.6#



#45

2-Fluorobiphenyl

Concen: 4.708 ng

RT: 13.213 min Scan# 1740

Delta R.T. -0.007 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

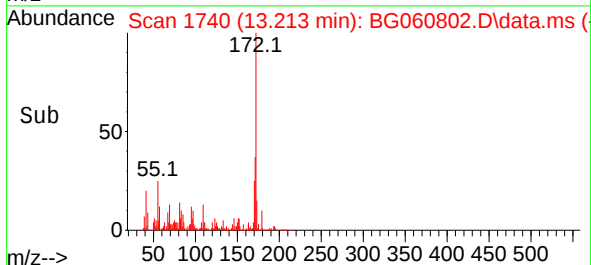
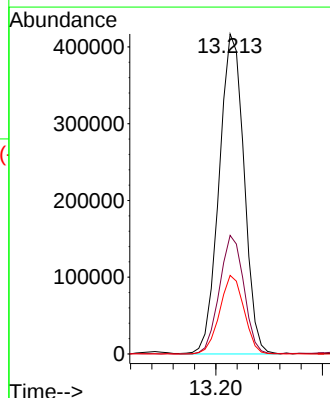
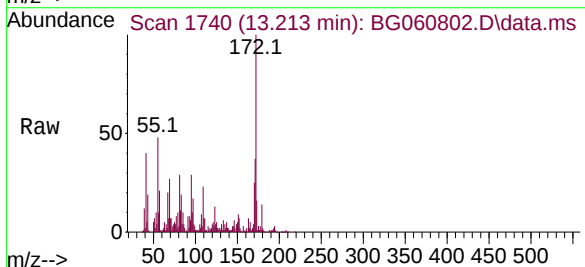
Tgt Ion:172 Resp: 676482

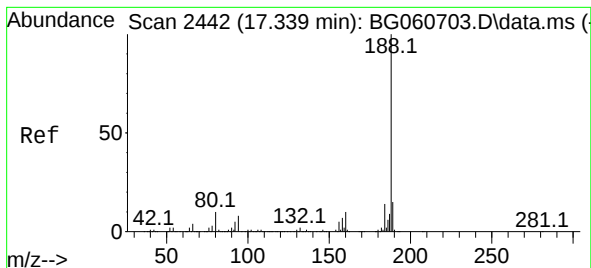
Ion Ratio Lower Upper

172 100

171 37.1 28.7 43.1

170 24.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.397 min Scan# 2442

Delta R.T. 0.058 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

MOO-23-00119

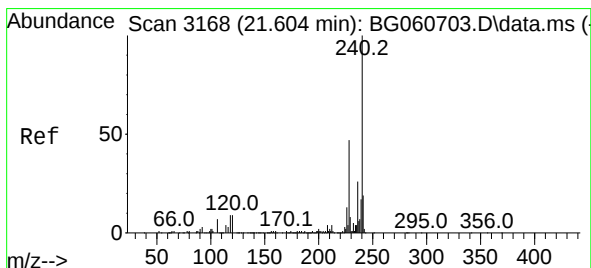
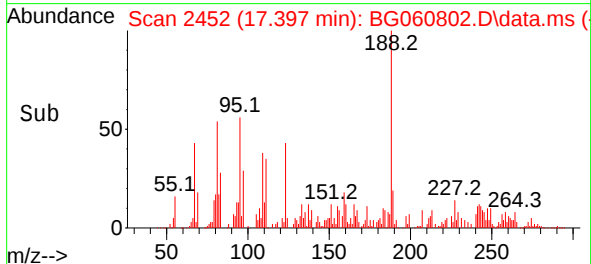
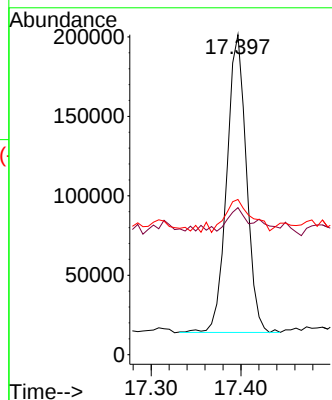
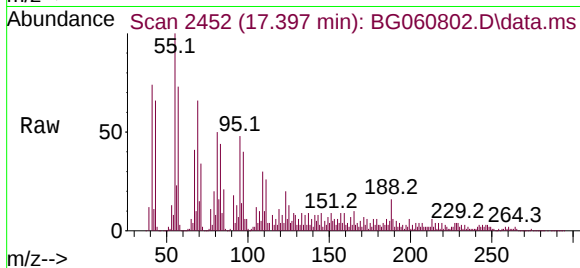
Tgt Ion:188 Resp: 283373

Ion Ratio Lower Upper

188 100

94 45.9 6.6 9.8#

80 48.5 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3174

Delta R.T. 0.034 min

Lab File: BG060802.D

Acq: 5 Apr 2024 19:06

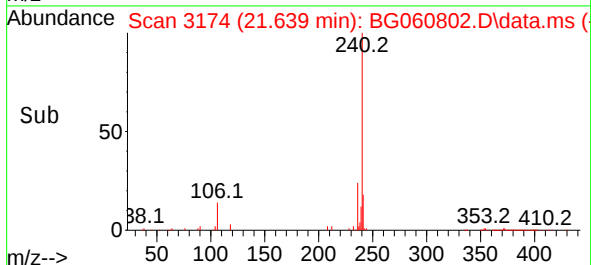
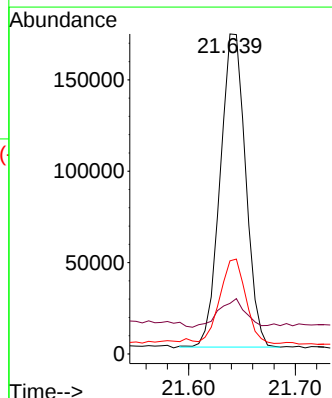
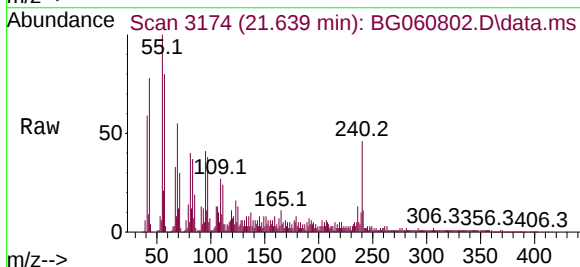
Tgt Ion:240 Resp: 284093

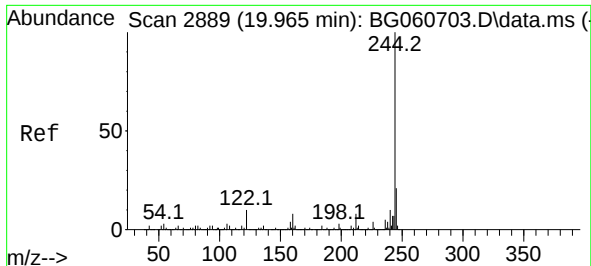
Ion Ratio Lower Upper

240 100

120 15.8 7.1 10.7#

236 29.1 20.7 31.1

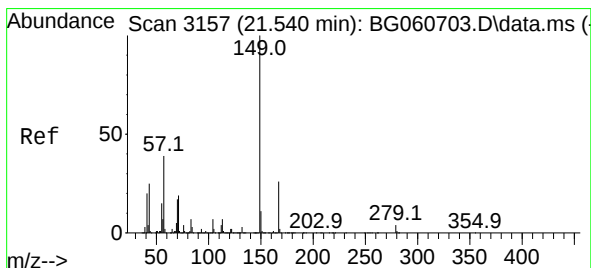
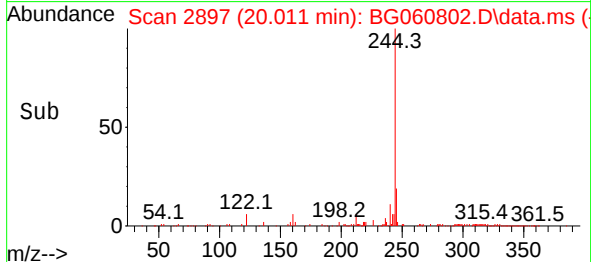
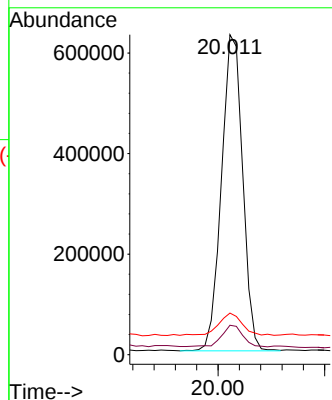
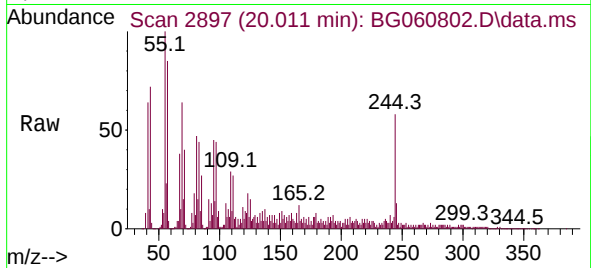




#79
 Terphenyl-d14
 Concen: 53.624 ng
 RT: 20.011 min Scan# 21
 Delta R.T. 0.046 min
 Lab File: BG060802.D
 Acq: 5 Apr 2024 19:06

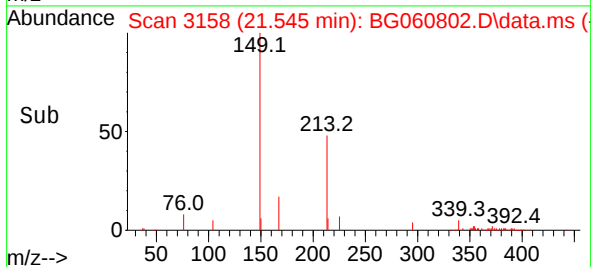
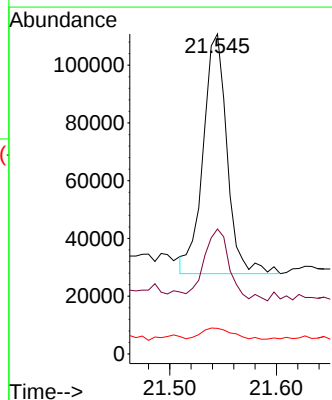
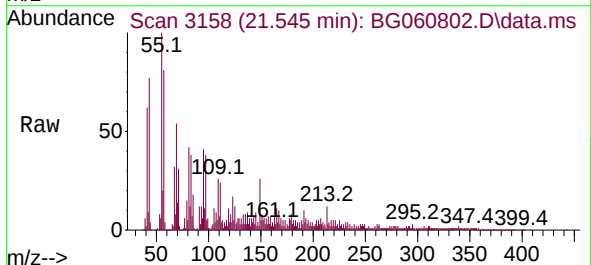
Instrument :
 BNA_G
 ClientSampleId :
 MOO-23-00119

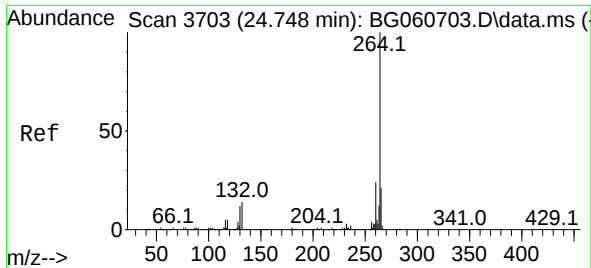
Tgt Ion:244 Resp: 865175
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.2 9.2
 122 13.0 7.8 11.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.177 ng
 RT: 21.545 min Scan# 3158
 Delta R.T. 0.005 min
 Lab File: BG060802.D
 Acq: 5 Apr 2024 19:06

Tgt Ion:149 Resp: 129122
 Ion Ratio Lower Upper
 149 100
 167 39.0 20.6 30.8#
 279 8.0 3.0 4.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.764 min Scan# 31

Delta R.T. 0.017 min

Lab File: BG060802.D

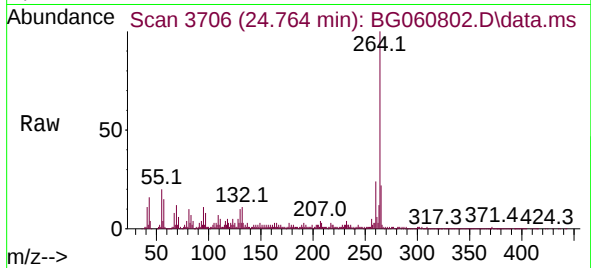
Acq: 5 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

MOO-23-00119



Tgt Ion:264 Resp: 386726

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.9 16.9 25.3

