

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060943.D
 Acq On : 18 Apr 2024 19:57
 Operator : MA/JU
 Sample : P2166-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-01

Quant Time: Apr 19 00:48:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

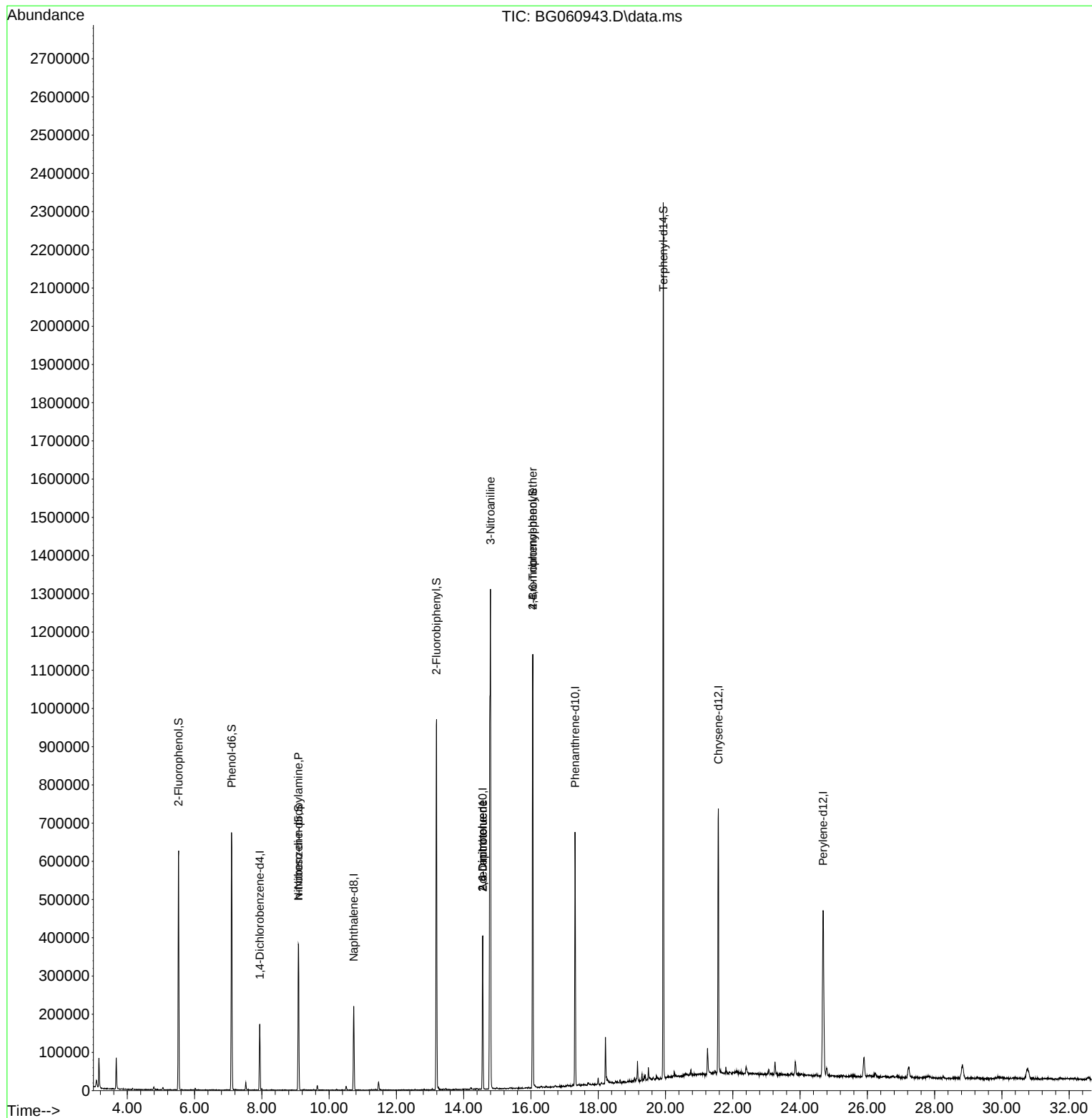
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	46697	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	173598	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	149596	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	413864	20.000	ng	0.00
76) Chrysene-d12	21.572	240	412492	20.000	ng	0.00
86) Perylene-d12	24.686	264	485394	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	239044	88.917	ng	0.00
7) Phenol-d6	7.100	99	337425	87.125	ng	0.00
23) Nitrobenzene-d5	9.092	82	211539	55.320	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	231713	93.759	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	524049	51.407	ng	0.00
79) Terphenyl-d14	19.938	244	1203625	50.925	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.086	70	29410	9.970	ng	# 70
51) 2,6-Dinitrotoluene	14.568	165	18270	7.551	ng	# 19
53) 3-Nitroaniline	14.797	138	17739	6.679	ng	# 2
57) 2,4-Dinitrotoluene	14.568	165	18270	5.284	ng	# 21
67) 4-Bromophenyl-phenylether	16.055	248	15126	3.263	ng	# 1

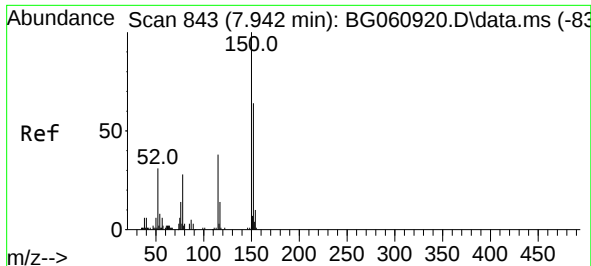
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

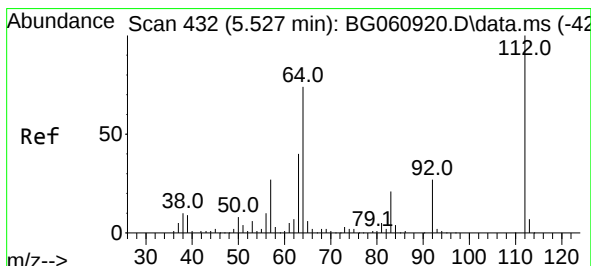
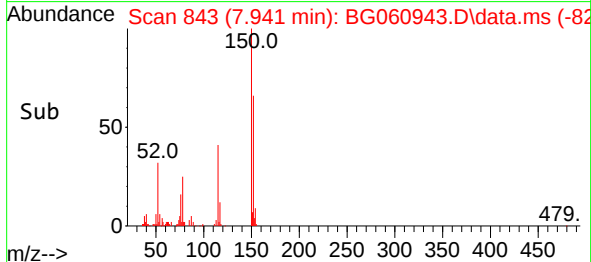
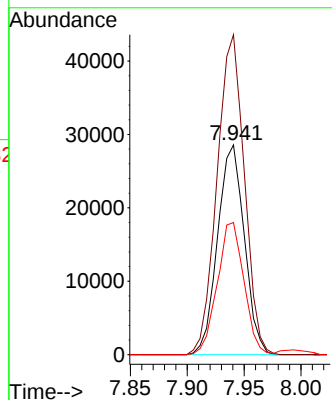
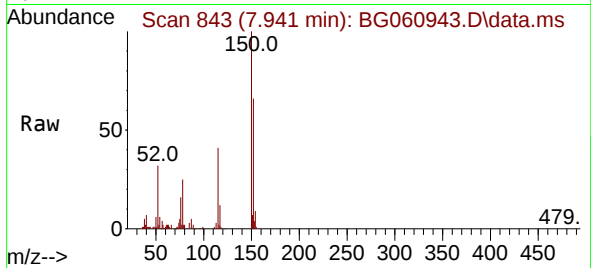




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 843
Delta R.T. -0.001 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

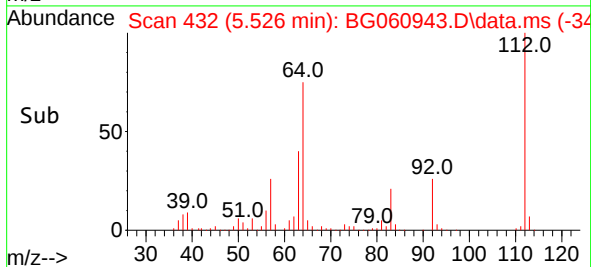
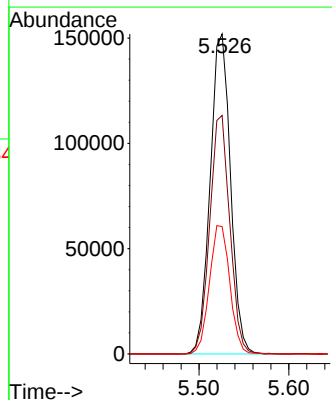
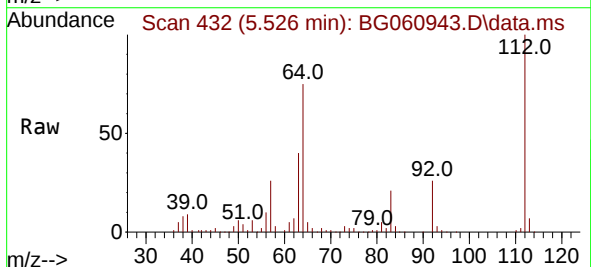
Instrument :
BNA_G
ClientSampleId :
RPI-SS-01

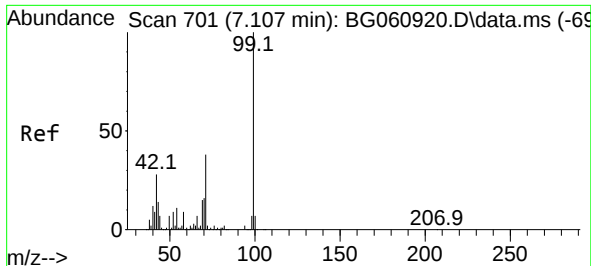
Tgt Ion:152 Resp: 46697
Ion Ratio Lower Upper
152 100
150 152.5 125.6 188.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 88.917 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

Tgt Ion:112 Resp: 239044
Ion Ratio Lower Upper
112 100
64 74.5 58.9 88.3
63 39.8 32.1 48.1

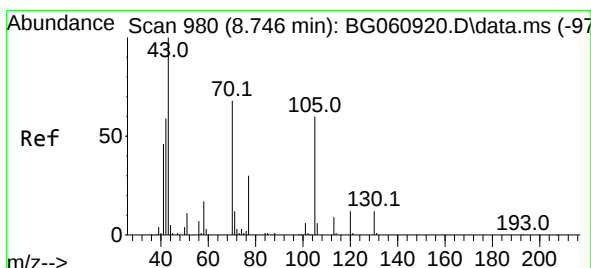
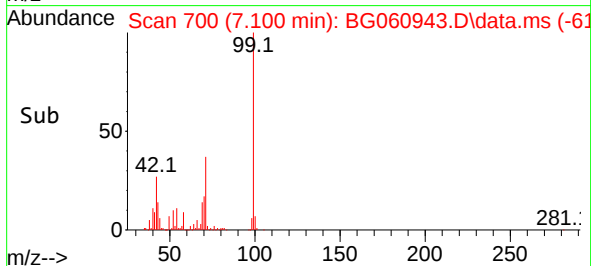
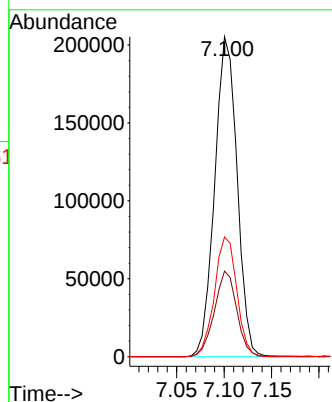
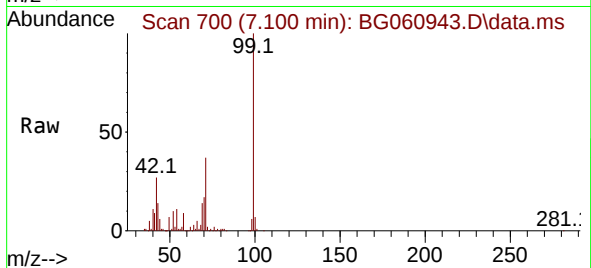




#7
Phenol-d6
Concen: 87.125 ng
RT: 7.100 min Scan# 701
Delta R.T. -0.007 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

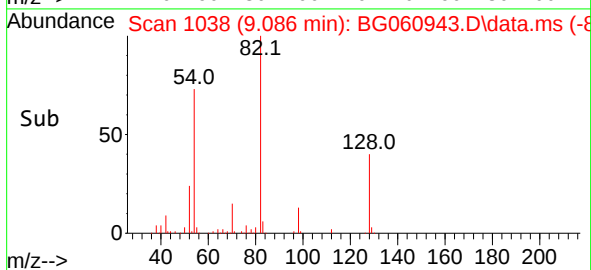
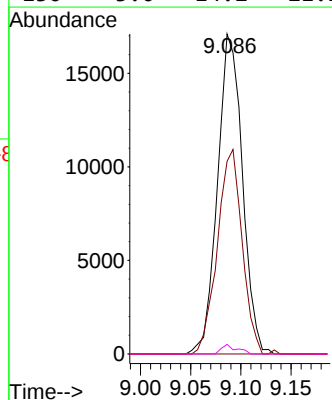
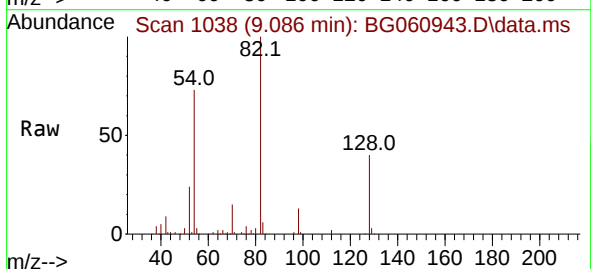
Instrument :
BNA_G
ClientSampleId :
RPI-SS-01

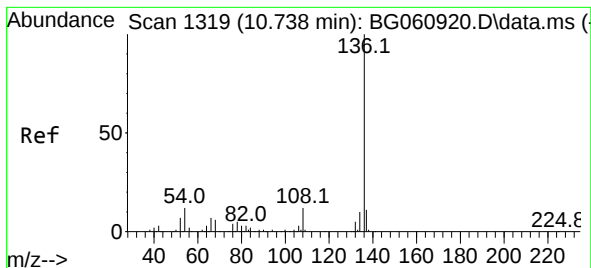
Tgt Ion: 99 Resp: 337425
Ion Ratio Lower Upper
99 100
42 26.7 22.2 33.2
71 37.4 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.970 ng
RT: 9.086 min Scan# 1038
Delta R.T. 0.340 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

Tgt Ion: 70 Resp: 29410
Ion Ratio Lower Upper
70 100
42 60.2 70.9 106.3#
101 0.0 7.0 10.4#
130 3.0 14.2 21.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.731 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

Instrument :

BNA_G

ClientSampleId :

RPI-SS-01

Tgt Ion:136 Resp: 173598

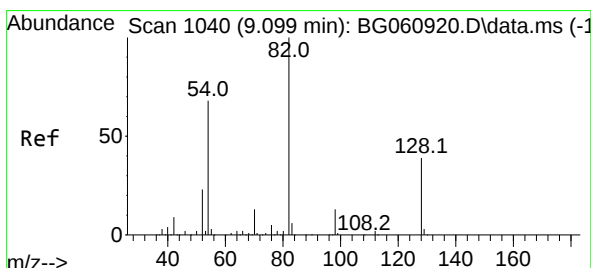
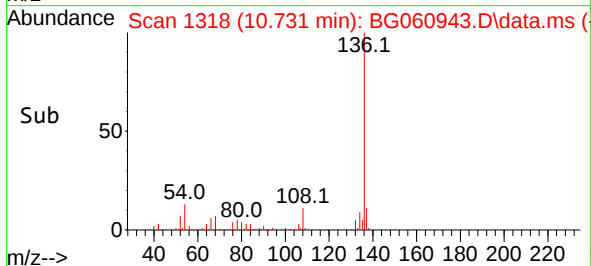
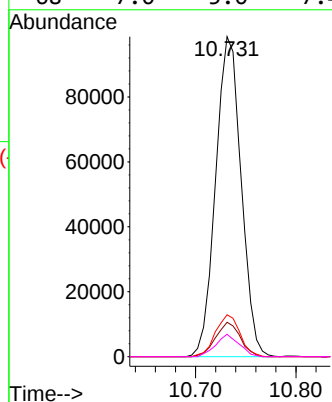
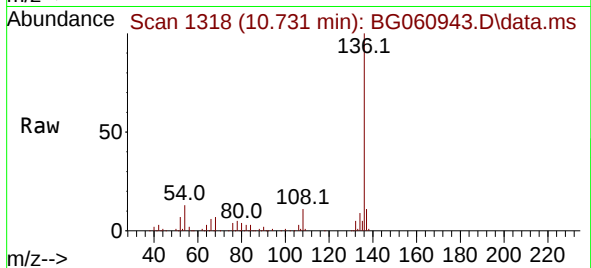
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 13.1 9.8 14.8

68 7.0 5.0 7.4



#23

Nitrobenzene-d5

Concen: 55.320 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.007 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

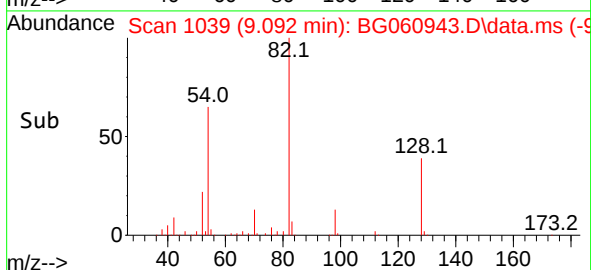
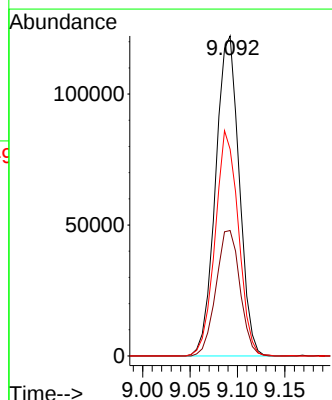
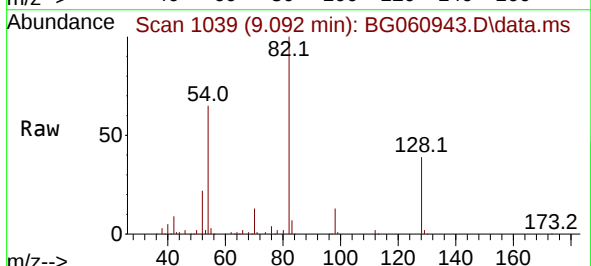
Tgt Ion: 82 Resp: 211539

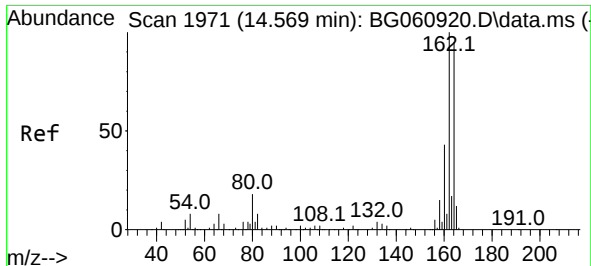
Ion Ratio Lower Upper

82 100

128 39.2 31.4 47.0

54 64.6 54.2 81.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.001 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

Instrument :

BNA_G

ClientSampleId :

RPI-SS-01

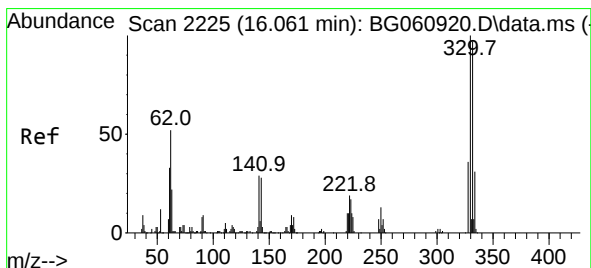
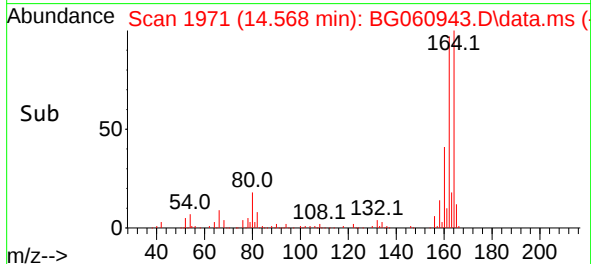
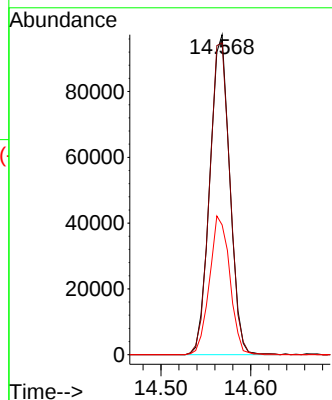
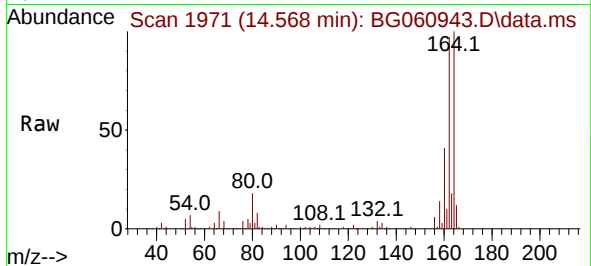
Tgt Ion:164 Resp: 149596

Ion Ratio Lower Upper

164 100

162 97.4 84.1 126.1

160 40.6 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 93.759 ng

RT: 16.055 min Scan# 2224

Delta R.T. -0.007 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

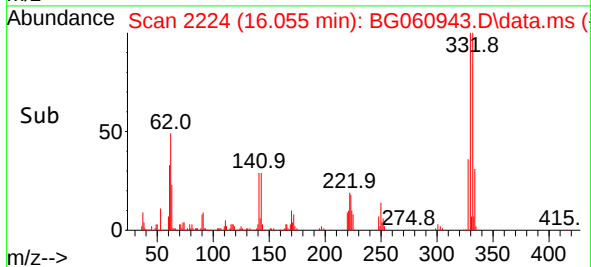
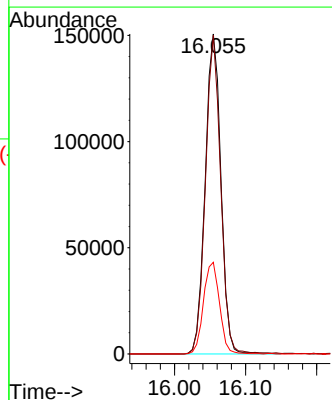
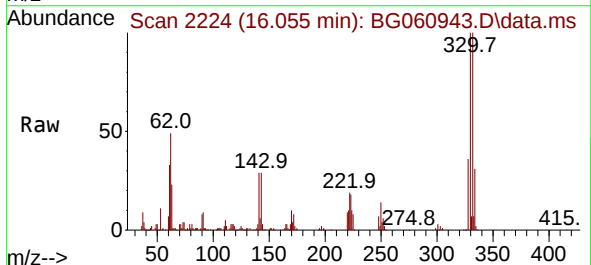
Tgt Ion:330 Resp: 231713

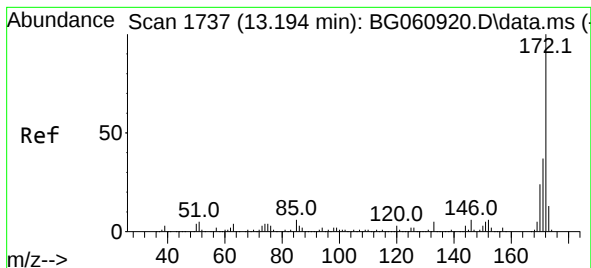
Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 29.2 23.7 35.5

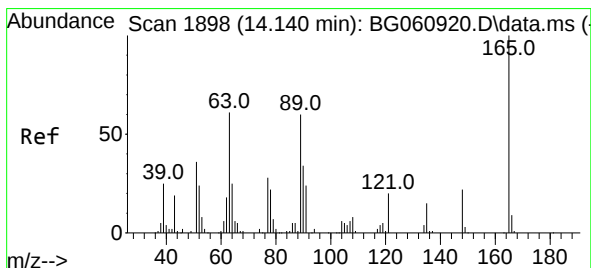
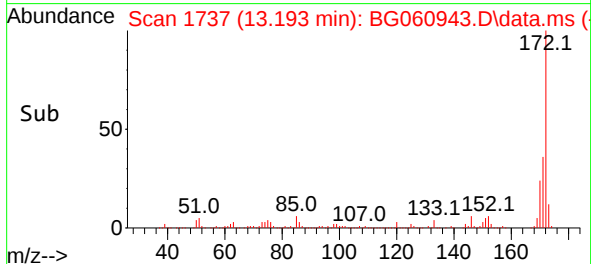
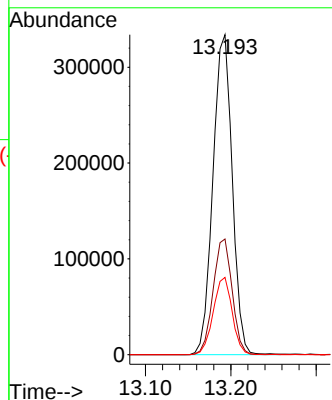
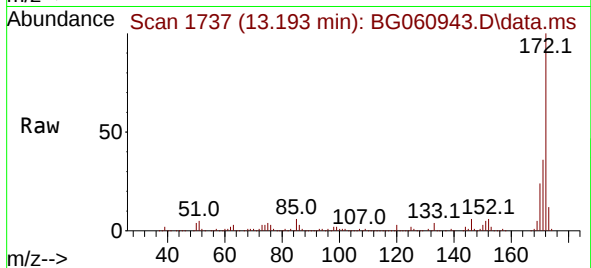




#45
2-Fluorobiphenyl
Concen: 51.407 ng
RT: 13.193 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

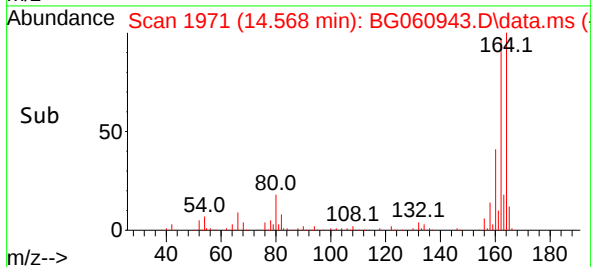
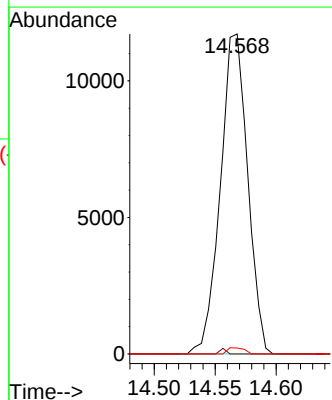
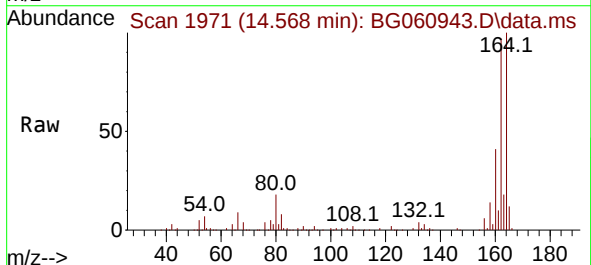
Instrument :
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ClientSampleId :
RPI-SS-01

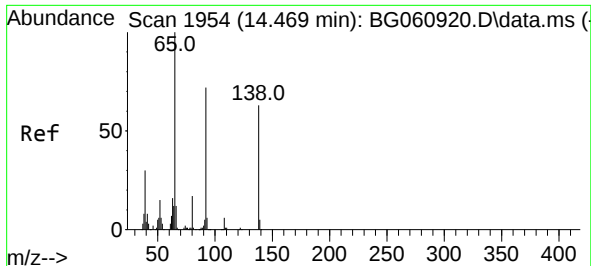
Tgt Ion:172 Resp: 524049
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 24.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.551 ng
RT: 14.568 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

Tgt Ion:165 Resp: 18270
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 1.9 48.2 72.4#

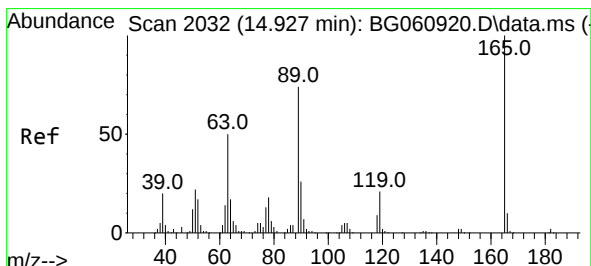
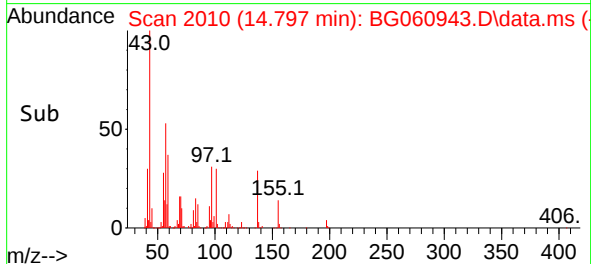
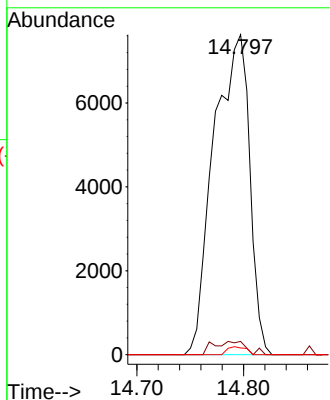
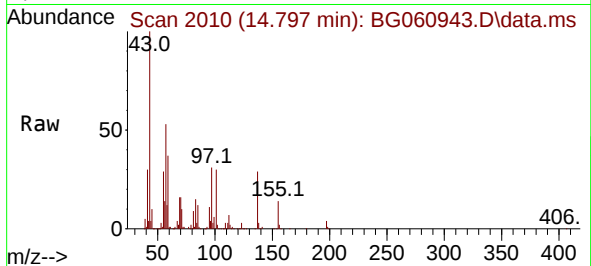




#53
3-Nitroaniline
Concen: 6.679 ng
RT: 14.797 min Scan# 20
Delta R.T. 0.328 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

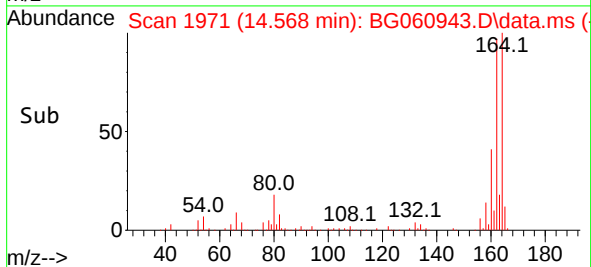
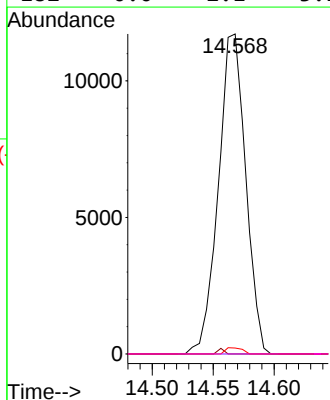
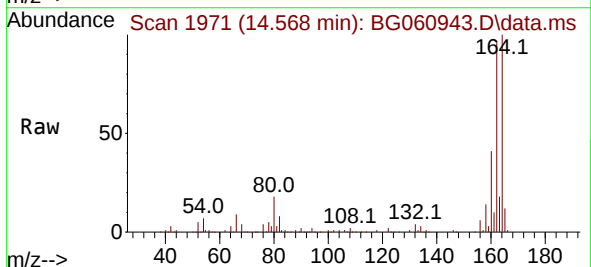
Instrument :
BNA_G
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RPI-SS-01

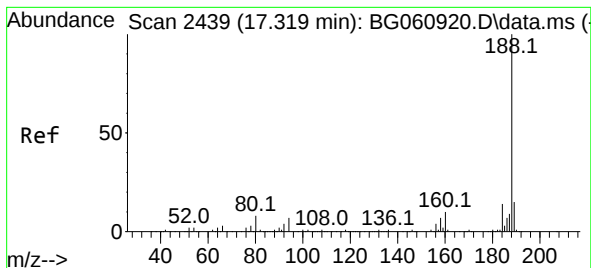
Tgt Ion:138 Resp: 17739
Ion Ratio Lower Upper
138 100
108 4.1 7.5 11.3#
92 2.1 92.5 138.7#



#57
2,4-Dinitrotoluene
Concen: 5.284 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.359 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

Tgt Ion:165 Resp: 18270
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.2#
89 1.9 59.0 88.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2439

Delta R.T. -0.007 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

Instrument :

BNA_G

ClientSampleId :

RPI-SS-01

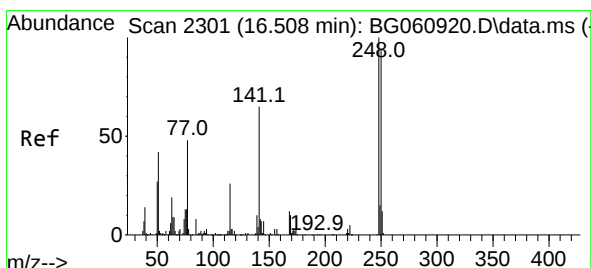
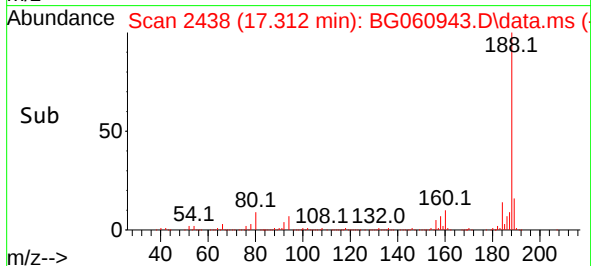
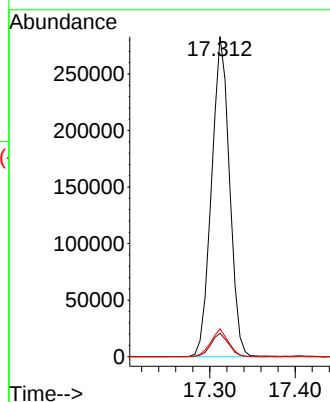
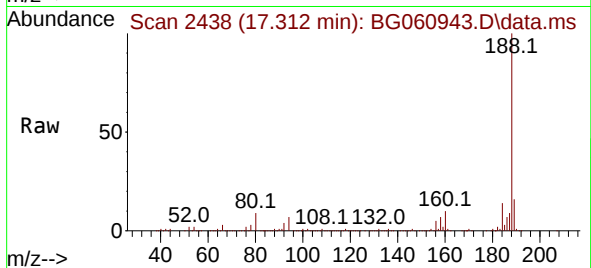
Tgt Ion:188 Resp: 413864

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 8.7 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.263 ng

RT: 16.055 min Scan# 2224

Delta R.T. -0.453 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

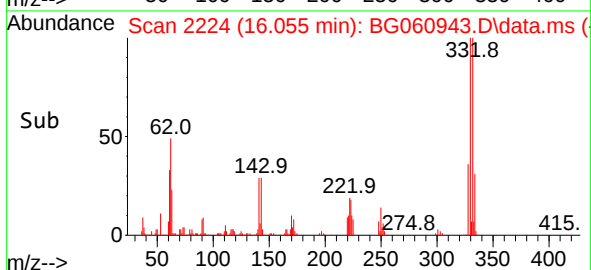
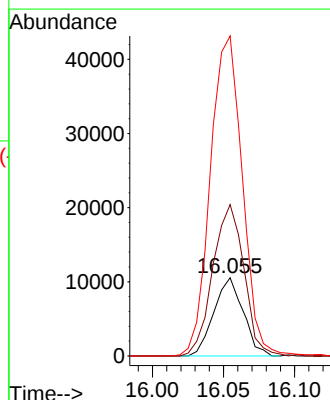
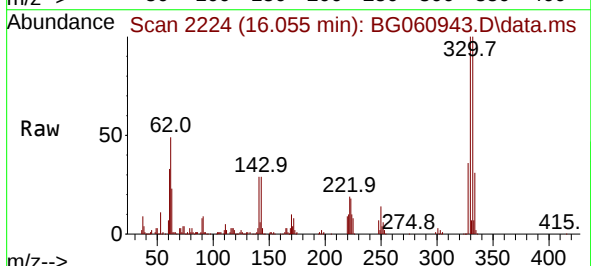
Tgt Ion:248 Resp: 15126

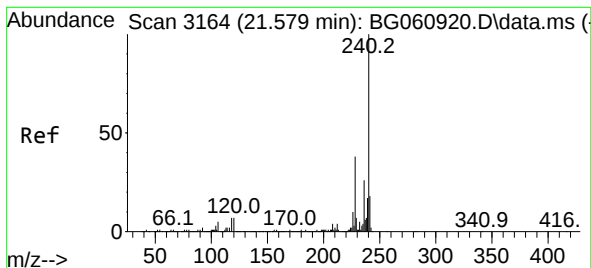
Ion Ratio Lower Upper

248 100

250 193.2 75.4 113.2#

141 408.6 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3163

Delta R.T. -0.007 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

Instrument :

BNA_G

ClientSampleId :

RPI-SS-01

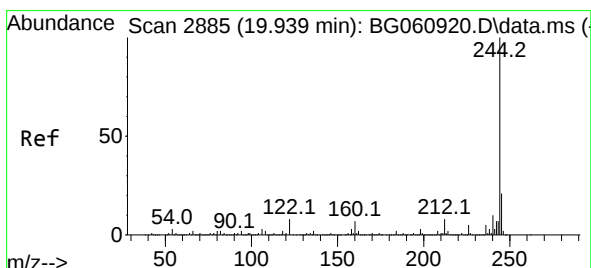
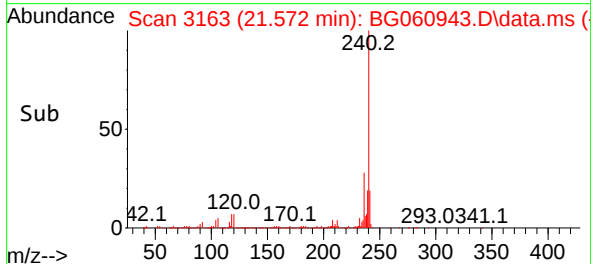
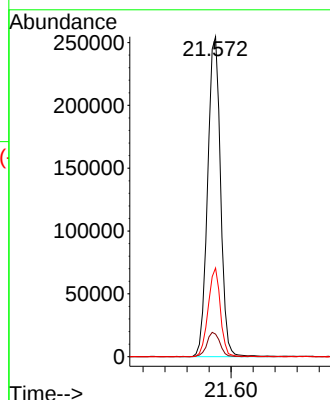
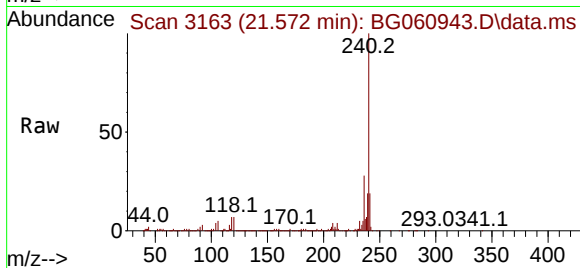
Tgt Ion:240 Resp: 412492

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

236 27.7 21.1 31.7



#79

Terphenyl-d14

Concen: 50.925 ng

RT: 19.938 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060943.D

Acq: 18 Apr 2024 19:57

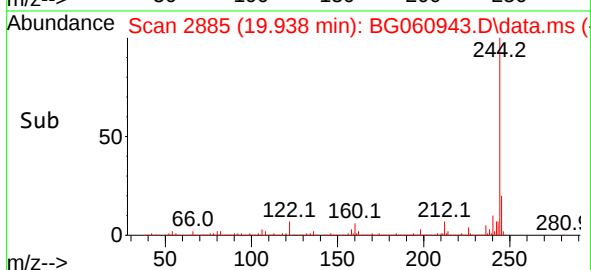
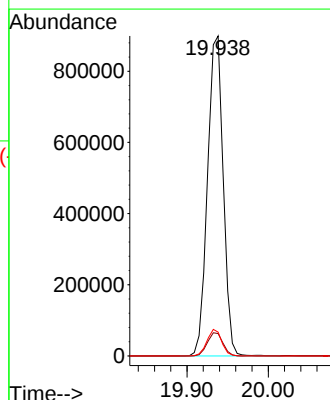
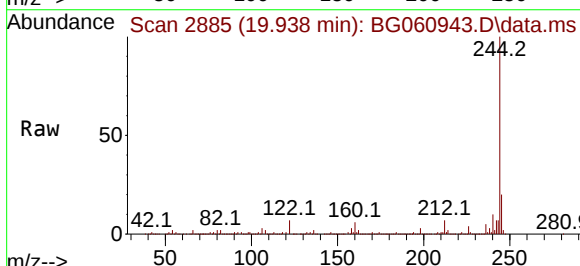
Tgt Ion:244 Resp: 1203625

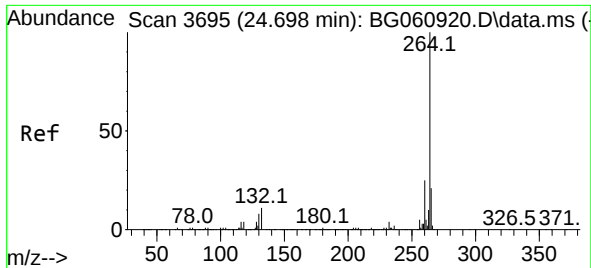
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 7.4 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.686 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG060943.D
Acq: 18 Apr 2024 19:57

Instrument :
BNA_G
ClientSampleId :
RPI-SS-01

Tgt Ion:264 Resp: 485394

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.5	16.6	25.0

