

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059859.D
 Acq On : 24 Nov 2023 15:12
 Operator : MA/JU
 Sample : 05293-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

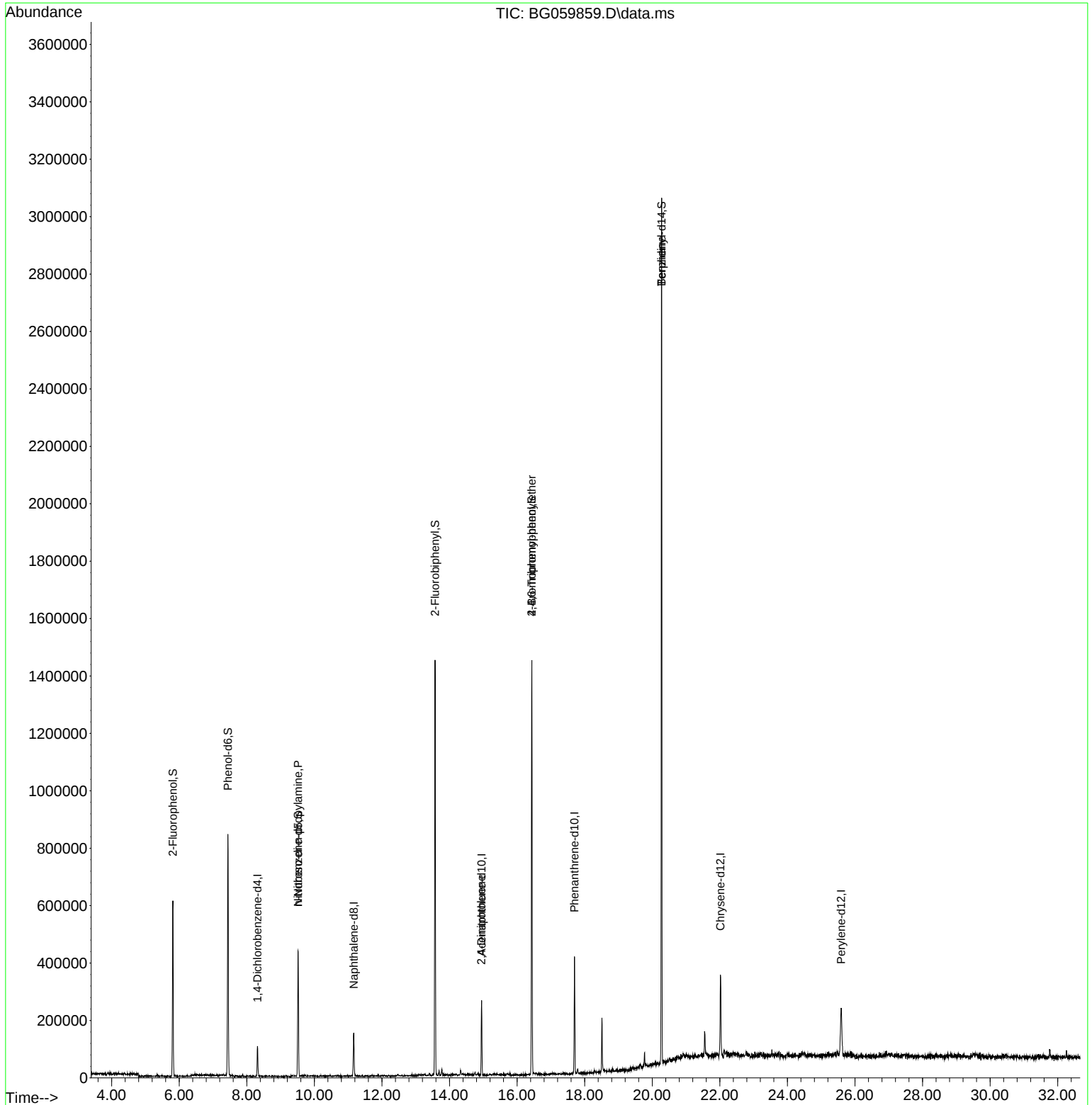
Instrument :
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 ClientSampleId :
 SB-7

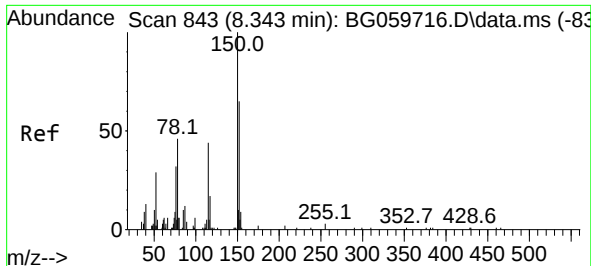
Quant Time: Nov 24 16:06:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	20929	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	102401	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	80099	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	207418	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	167597	20.000	ng	#-0.02
86) Perylene-d12	25.591	264	183546	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	208697	167.837	ng	0.00
7) Phenol-d6	7.441	99	370057	200.826	ng	0.00
23) Nitrobenzene-d5	9.516	82	263804	98.390	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	198080	217.952	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	631089	106.053	ng	0.00
79) Terphenyl-d14	20.279	244	1267512	111.646	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.516	70	41309	28.468	ng	# 83
57) 2,4-Dinitrotoluene	14.944	165	10360	5.721	ng	# 8
67) 4-Bromophenyl-phenylether	16.437	248	13431	6.028	ng	# 1
77) Benzidine	20.279	184	37804	9.947	ng	95

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

Quant Time: Nov 24 16:06:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

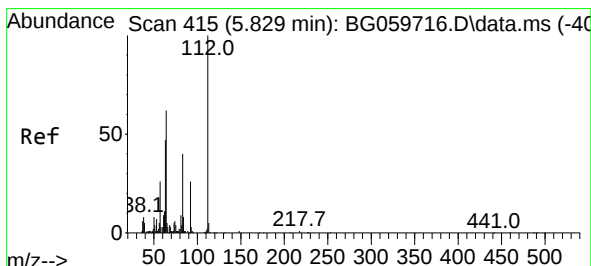
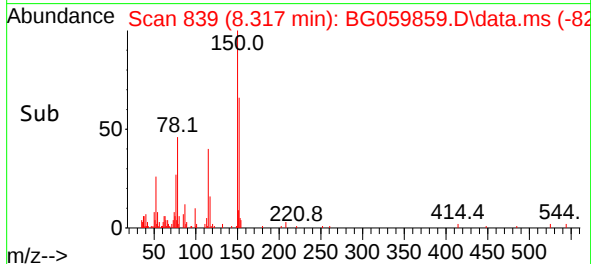
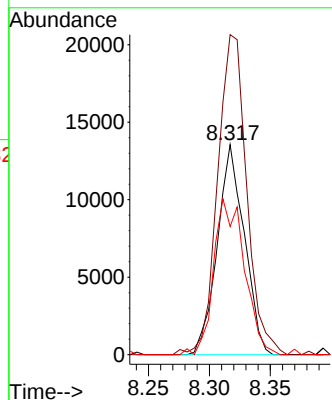
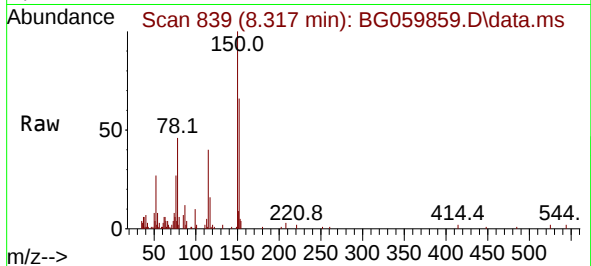




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

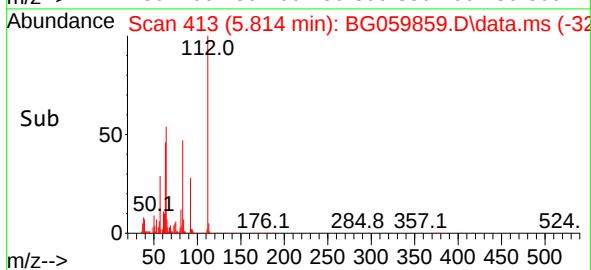
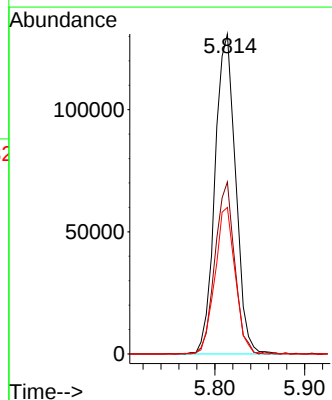
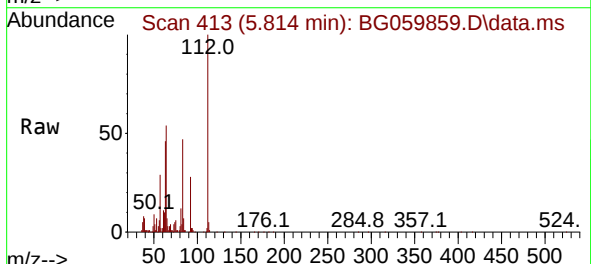
Instrument :
BNA_G
ClientSampleId :
SB-7

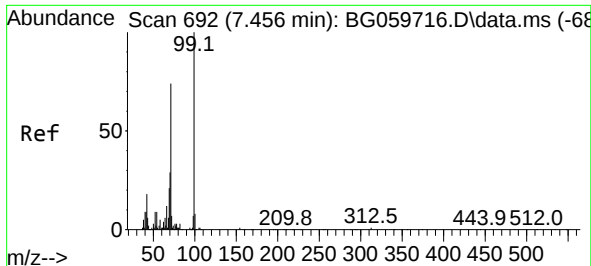
Tgt Ion:152 Resp: 20929
Ion Ratio Lower Upper
152 100
150 152.4 122.2 183.4
115 61.0 54.2 81.4



#5
2-Fluorophenol
Concen: 167.837 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.002 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

Tgt Ion:112 Resp: 208697
Ion Ratio Lower Upper
112 100
64 53.8 49.5 74.3
63 45.8 37.4 56.2

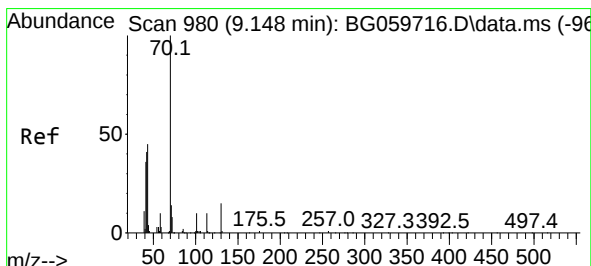
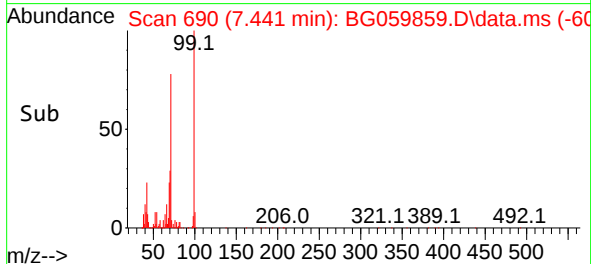
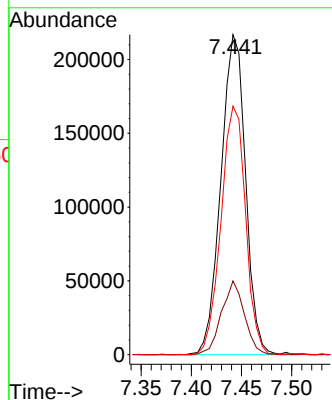
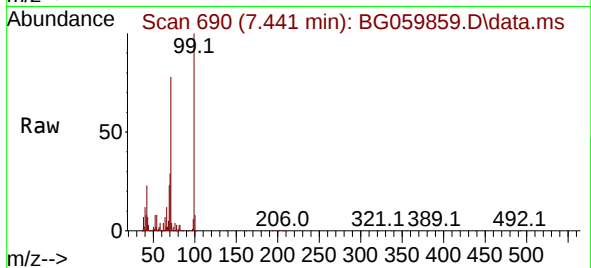




#7
Phenol-d6
Concen: 200.826 ng
RT: 7.441 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

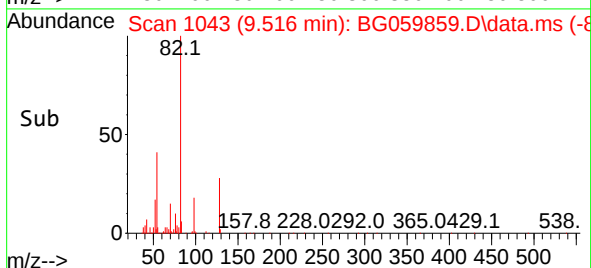
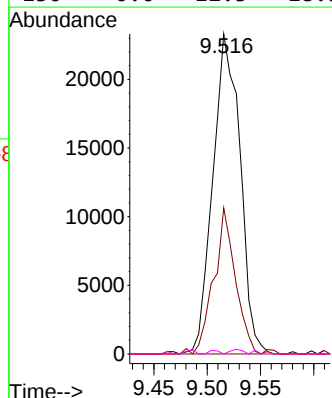
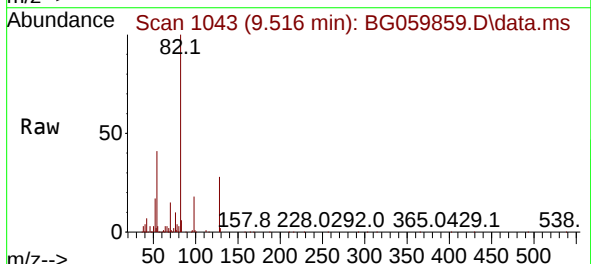
Instrument :
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ClientSampleId :
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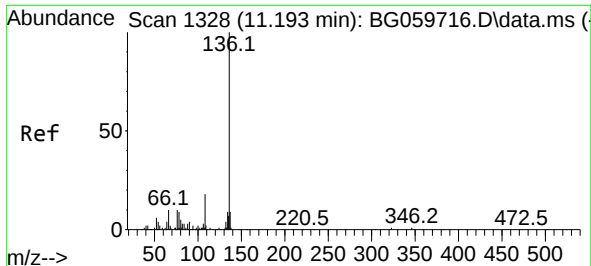
Tgt Ion: 99 Resp: 370057
Ion Ratio Lower Upper
99 100
42 23.0 14.3 21.5#
71 77.7 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 28.468 ng
RT: 9.516 min Scan# 1043
Delta R.T. 0.384 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

Tgt Ion: 70 Resp: 41309
Ion Ratio Lower Upper
70 100
42 45.7 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

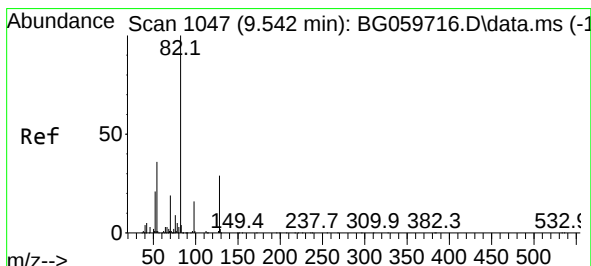
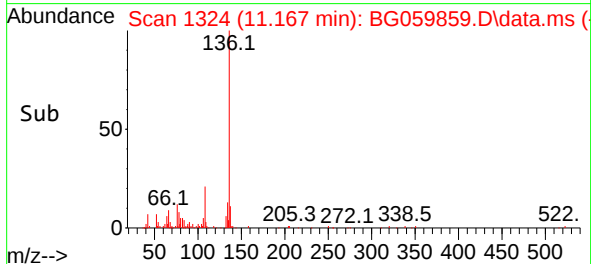
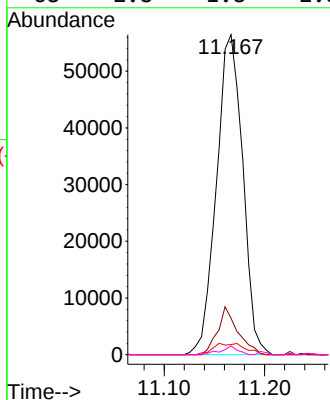
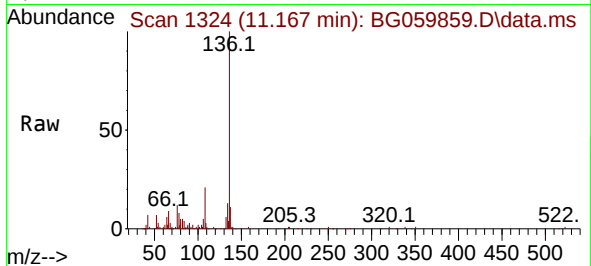




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

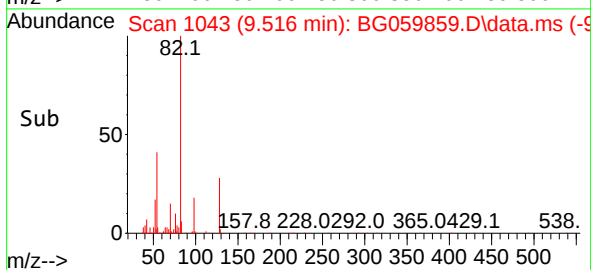
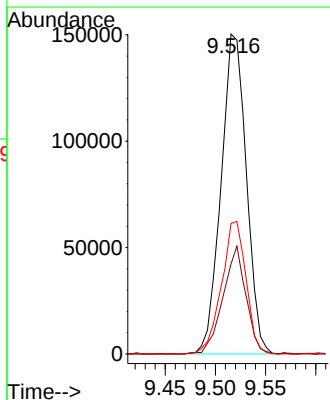
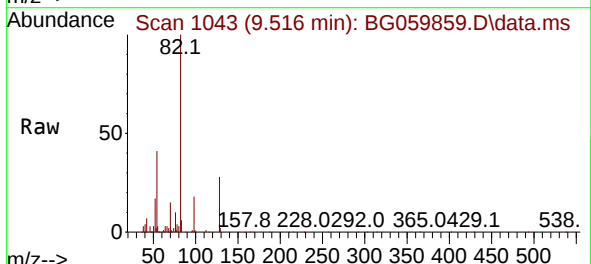
Instrument :
BNA_G
ClientSampleId :
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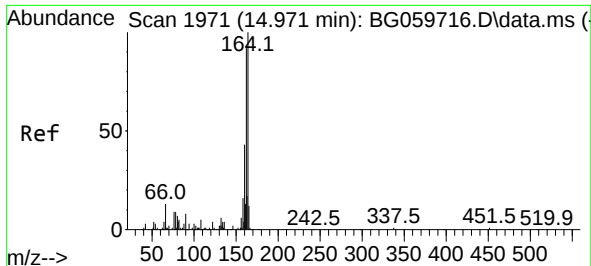
Tgt Ion:	136	Resp:	102401
Ion Ratio	Lower	Upper	
136	100		
137	11.4	7.4	11.0#
54	3.2	3.1	4.7
68	2.8	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 98.390 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

Tgt Ion:	82	Resp:	263804
Ion Ratio	Lower	Upper	
82	100		
128	28.1	23.0	34.6
54	40.8	28.7	43.1

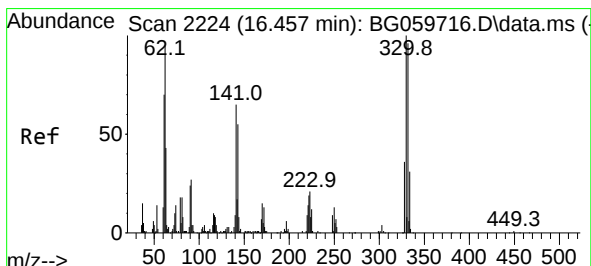
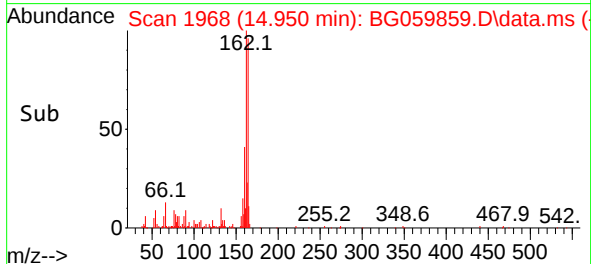
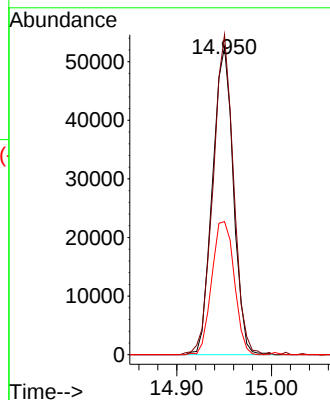
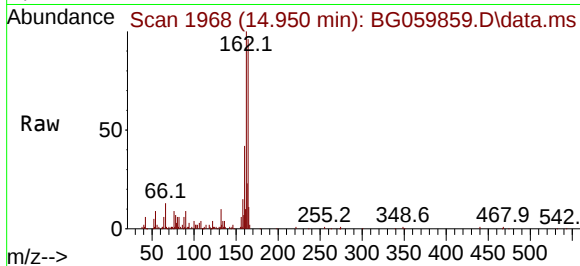




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.004 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

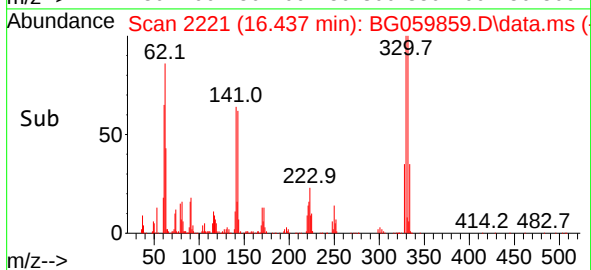
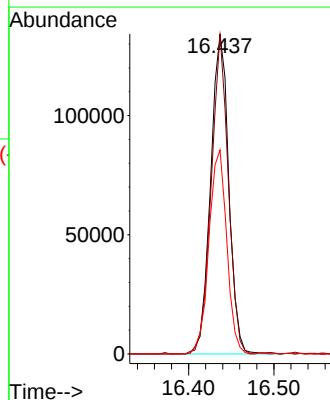
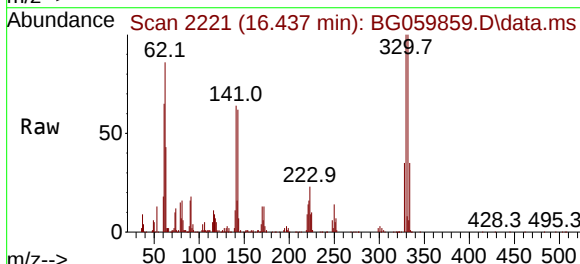
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ClientSampleId :
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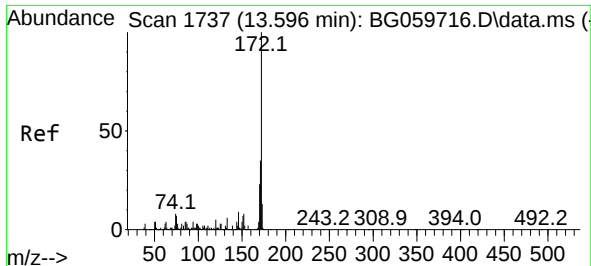
Tgt Ion:164 Resp: 80099
Ion Ratio Lower Upper
164 100
162 104.0 73.3 109.9
160 43.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 217.952 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

Tgt Ion:330 Resp: 198080
Ion Ratio Lower Upper
330 100
332 93.6 73.3 109.9
141 62.6 52.1 78.1

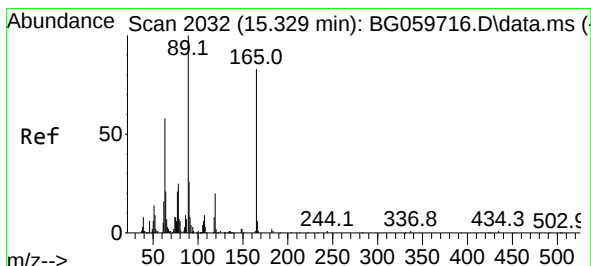
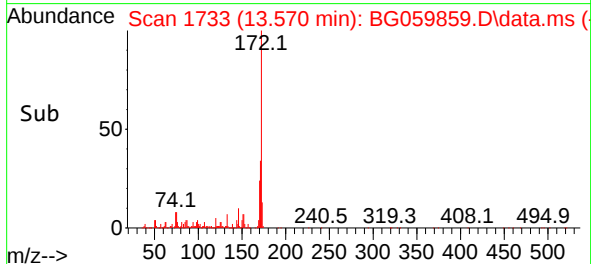
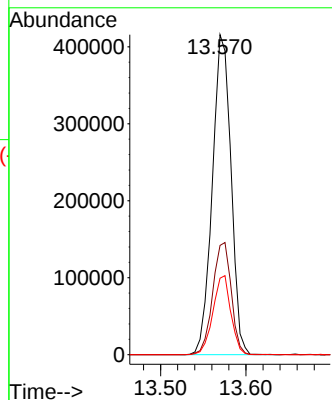
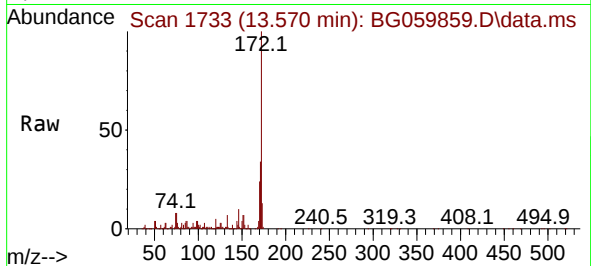




#45
2-Fluorobiphenyl
Concen: 106.053 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

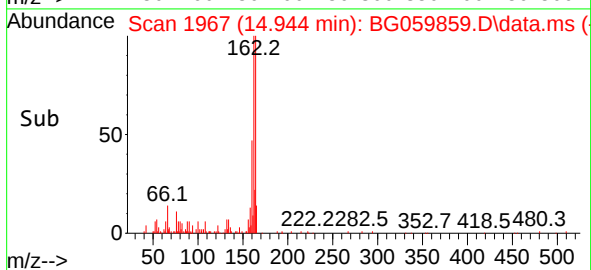
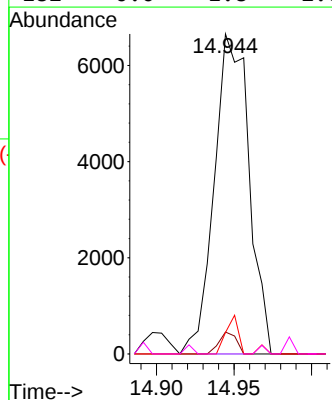
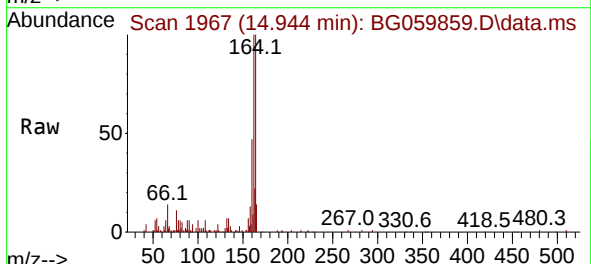
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ClientSampleId :
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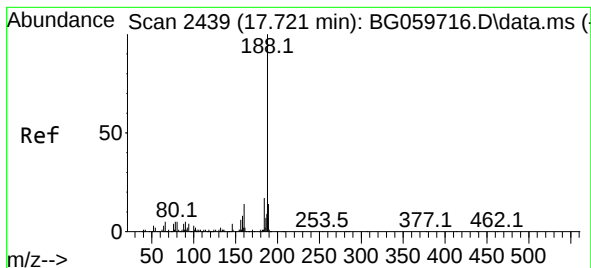
Tgt Ion:172 Resp: 631089
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 23.9 18.4 27.6



#57
2,4-Dinitrotoluene
Concen: 5.721 ng
RT: 14.944 min Scan# 1967
Delta R.T. -0.380 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

Tgt Ion:165 Resp: 10360
Ion Ratio Lower Upper
165 100
63 6.9 55.8 83.8#
89 6.7 96.9 145.3#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG059859.D

Acq: 24 Nov 2023 15:12

Instrument :

BNA_G

ClientSampleId :

SB-7

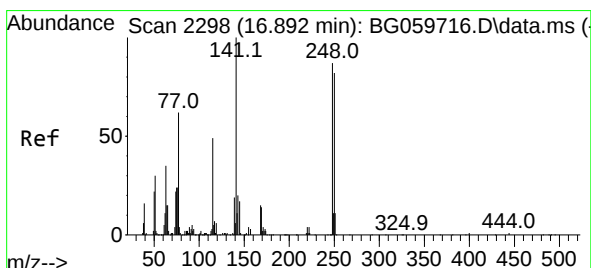
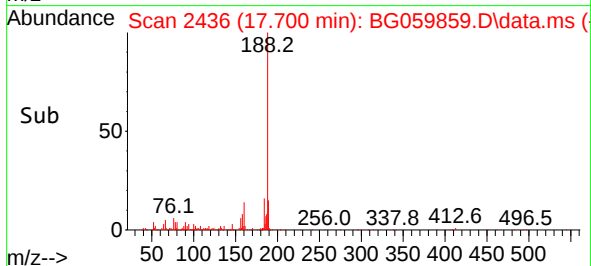
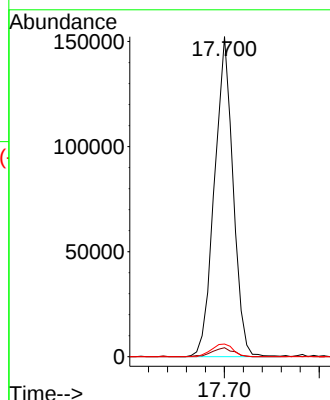
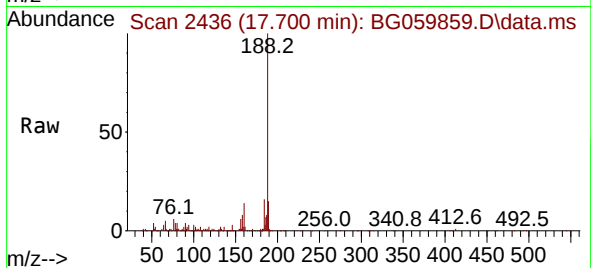
Tgt Ion:188 Resp: 207418

Ion Ratio Lower Upper

188 100

94 2.8 3.0 4.4#

80 4.0 4.2 6.4#



#67

4-Bromophenyl-phenylether

Concen: 6.028 ng

RT: 16.437 min Scan# 2221

Delta R.T. -0.444 min

Lab File: BG059859.D

Acq: 24 Nov 2023 15:12

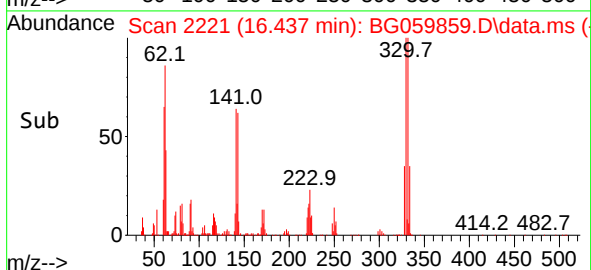
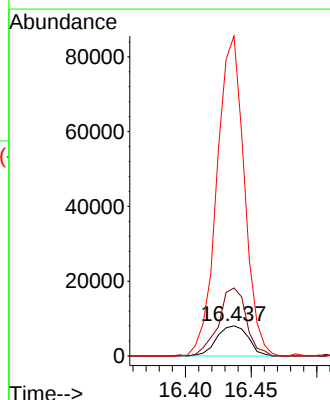
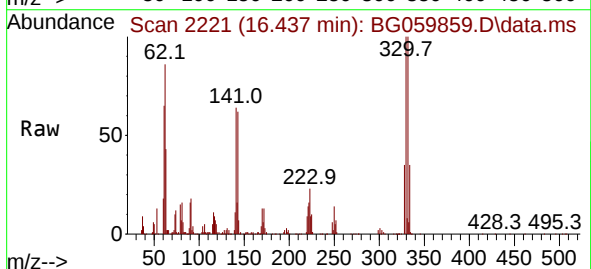
Tgt Ion:248 Resp: 13431

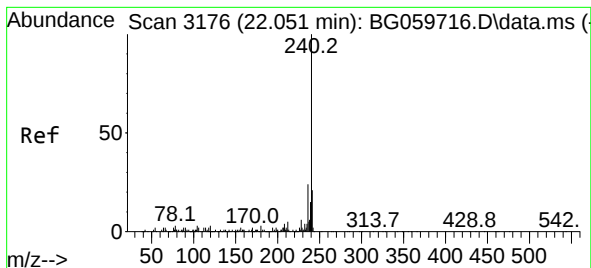
Ion Ratio Lower Upper

248 100

250 225.7 75.2 112.8#

141 1061.8 91.5 137.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG059859.D

Acq: 24 Nov 2023 15:12

Instrument :

BNA_G

ClientSampleId :

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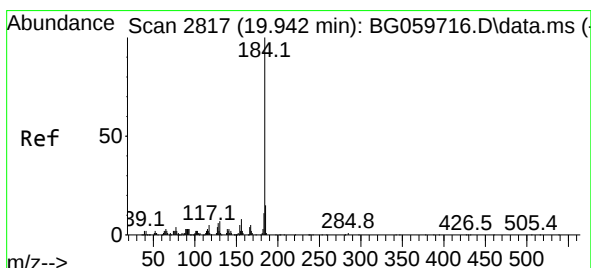
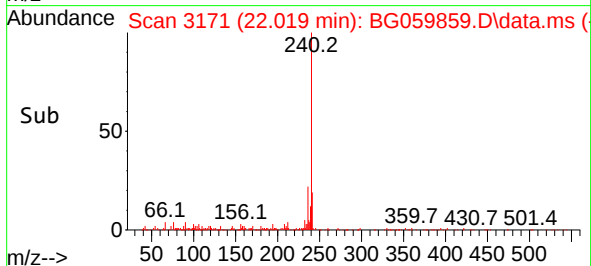
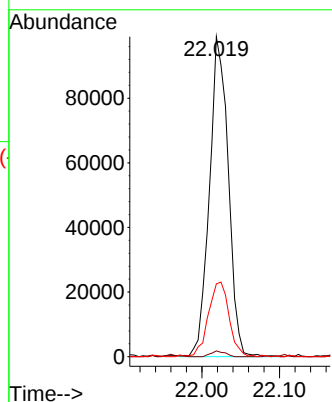
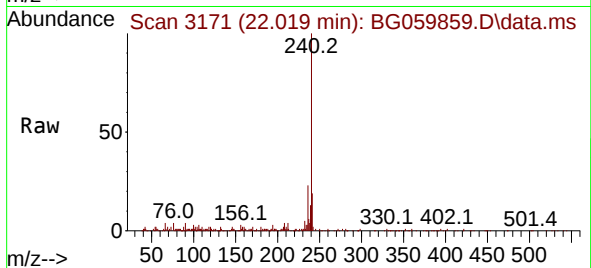
Tgt Ion:240 Resp: 167597

Ion Ratio Lower Upper

240 100

120 1.8 2.2 3.2#

236 22.7 19.4 29.2



#77

Benzidine

Concen: 9.947 ng

RT: 20.279 min Scan# 2875

Delta R.T. 0.349 min

Lab File: BG059859.D

Acq: 24 Nov 2023 15:12

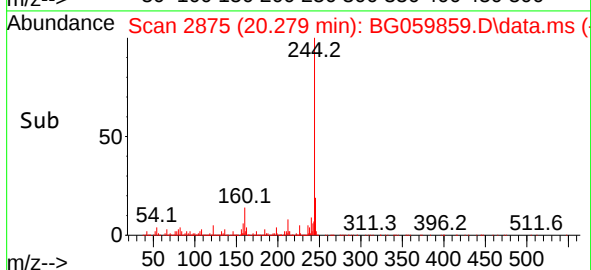
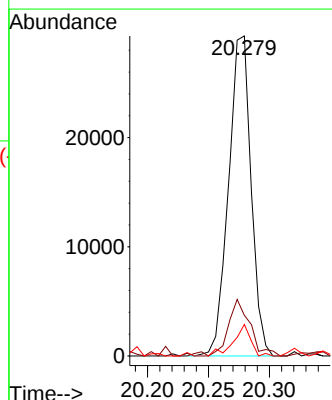
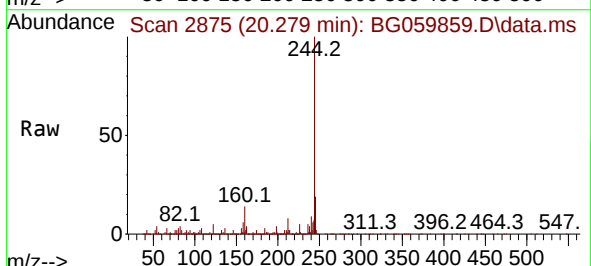
Tgt Ion:184 Resp: 37804

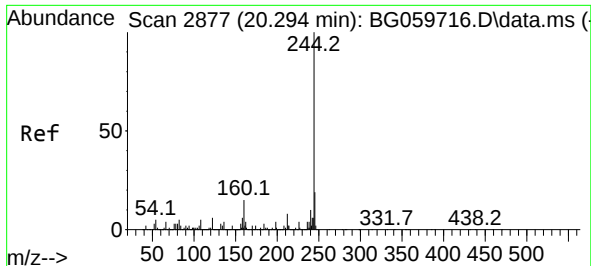
Ion Ratio Lower Upper

184 100

185 12.7 12.2 18.2

183 9.8 8.8 13.2

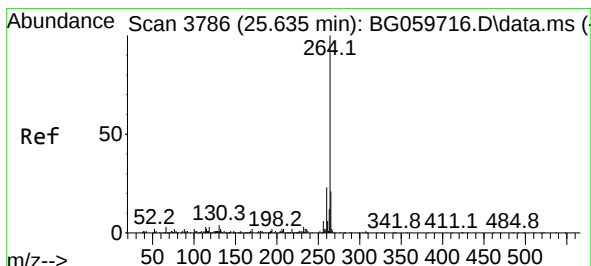
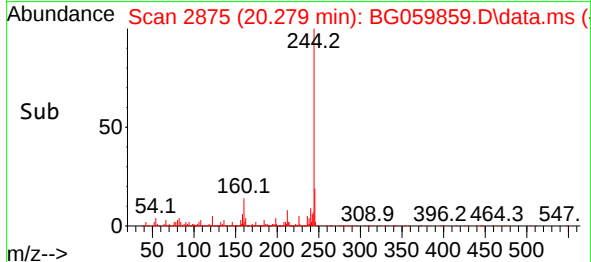
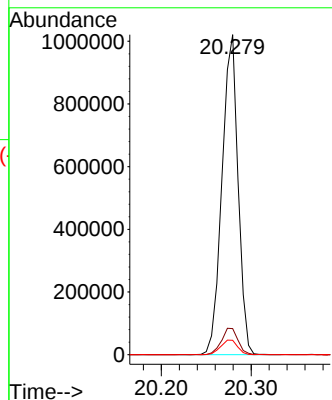
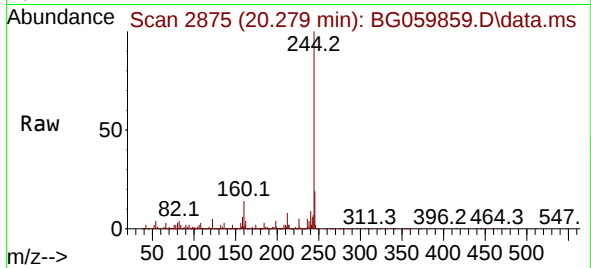




#79
 Terphenyl-d14
 Concen: 111.646 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG059859.D
 Acq: 24 Nov 2023 15:12

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Tgt Ion:244 Resp: 1267512
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 4.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.591 min Scan# 3779
 Delta R.T. -0.021 min
 Lab File: BG059859.D
 Acq: 24 Nov 2023 15:12

Tgt Ion:264 Resp: 183546
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 23.2 17.0 25.6

