

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059970.D
 Acq On : 6 Dec 2023 15:18
 Operator : MA/JU
 Sample : 05602-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-2

Quant Time: Dec 06 16:25:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

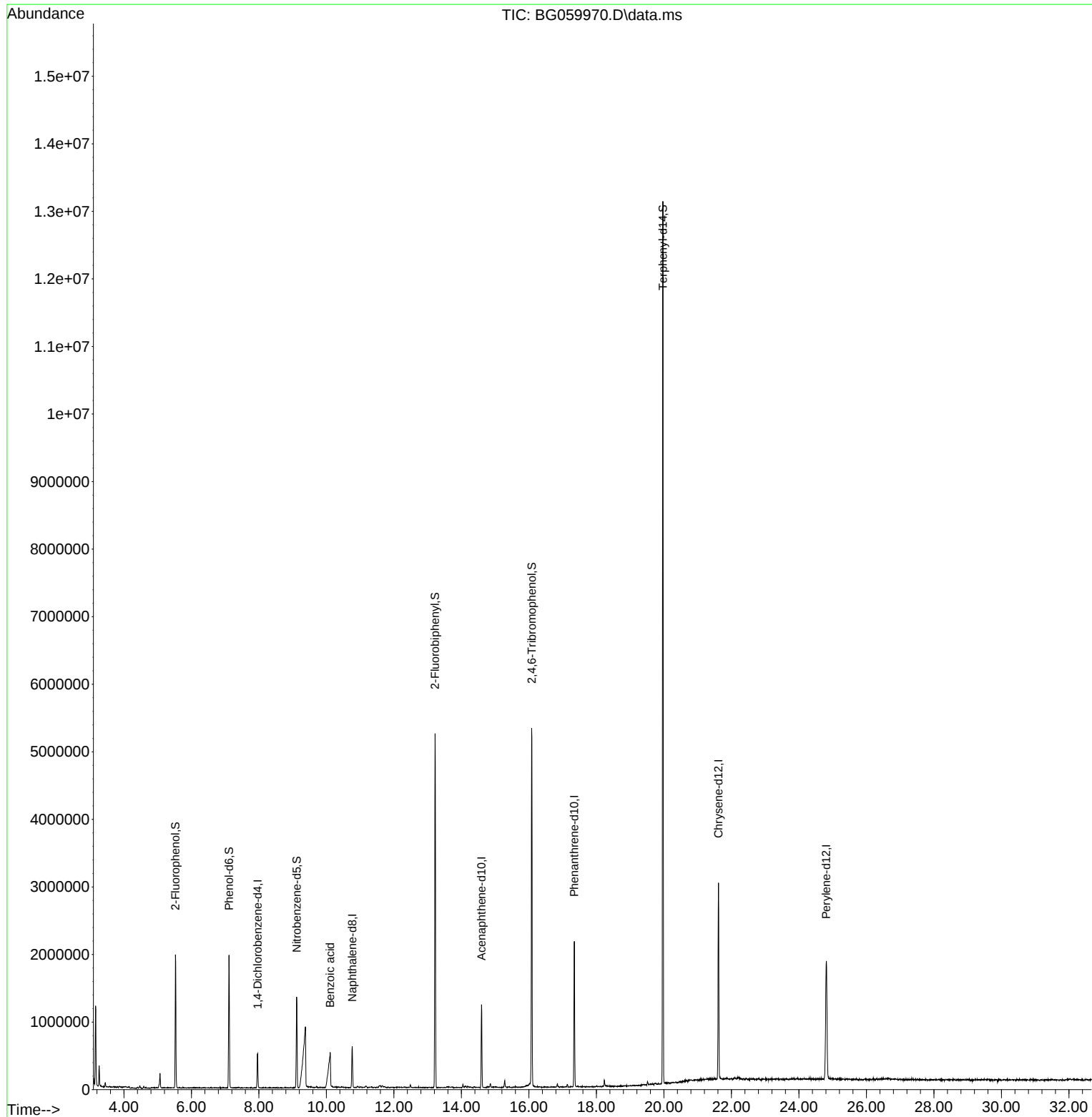
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	138535	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	481584	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	436234	20.000	ng	0.00
64) Phenanthrene-d10	17.344	188	1492481	20.000	ng	# 0.00
76) Chrysene-d12	21.616	240	1995881	20.000	ng	# 0.00
86) Perylene-d12	24.806	264	2334098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	779264	113.020	ng	0.00
7) Phenol-d6	7.115	99	995714	91.625	ng	0.00
23) Nitrobenzene-d5	9.119	82	825772	61.295	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	1351454	96.289	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	2876191	71.911	ng	0.00
79) Terphenyl-d14	19.971	244	6333788	54.707	ng	0.00
Target Compounds						
32) Benzoic acid	10.112	122	404212	72.036	ng	Qvalue 90

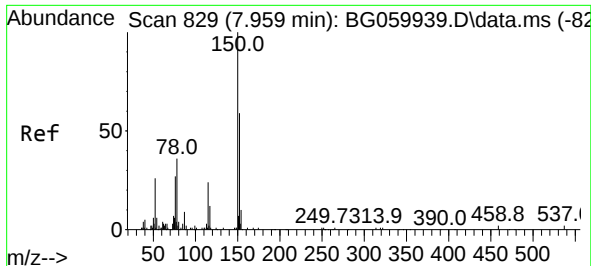
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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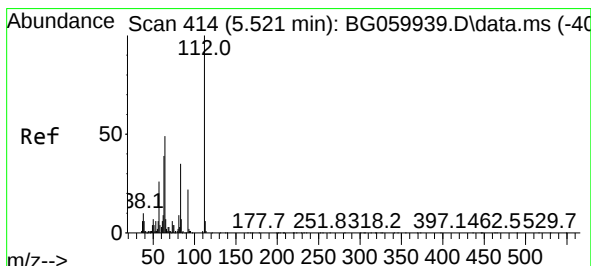
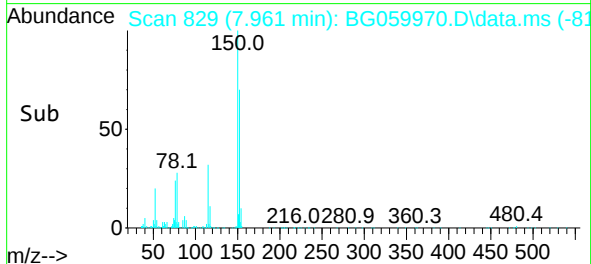
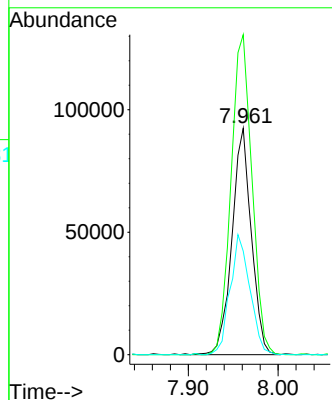
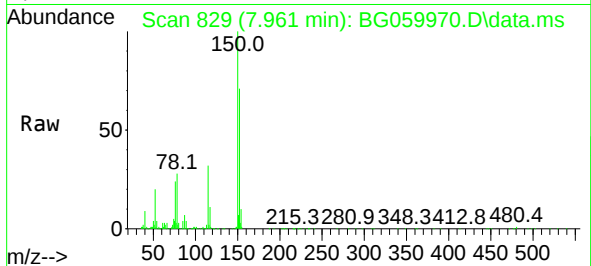




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

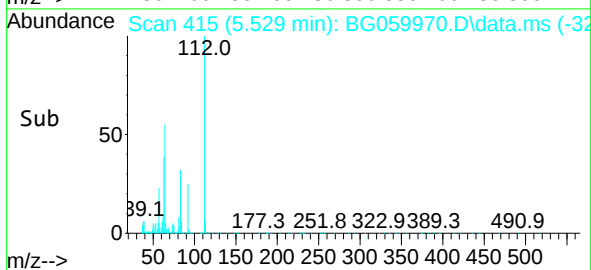
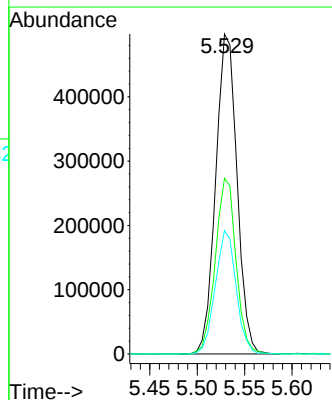
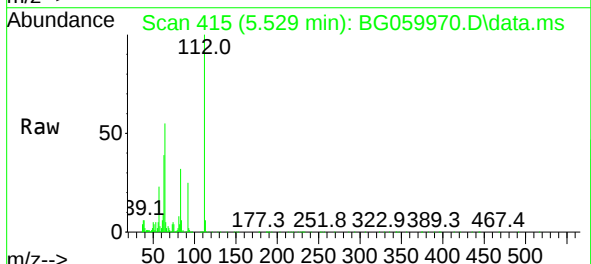
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-2

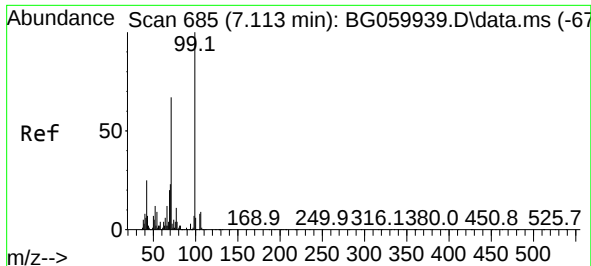
Tgt Ion:152 Resp: 138535
Ion Ratio Lower Upper
152 100
150 141.3 136.9 205.3
115 45.8 32.9 49.3



#5
2-Fluorophenol
Concen: 113.020 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.008 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

Tgt Ion:112 Resp: 779264
Ion Ratio Lower Upper
112 100
64 55.0 39.4 59.0
63 38.6 31.2 46.8

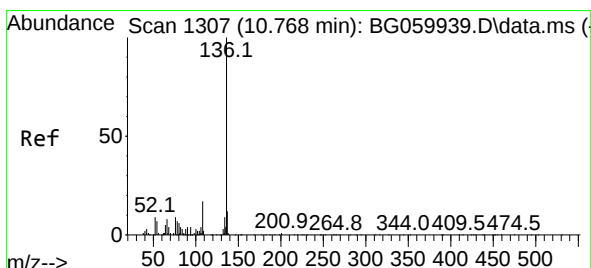
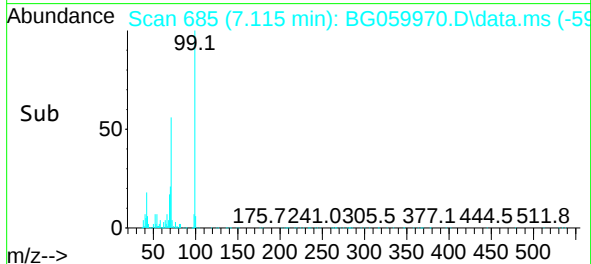
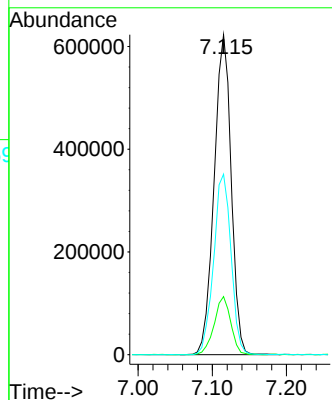
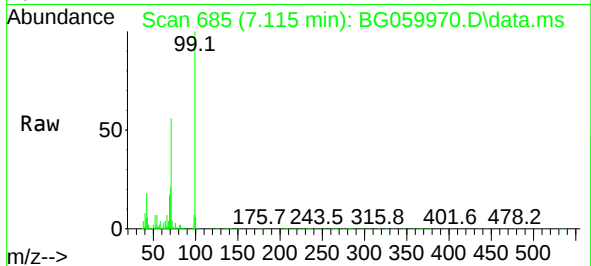




#7
Phenol-d6
Concen: 91.625 ng
RT: 7.115 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

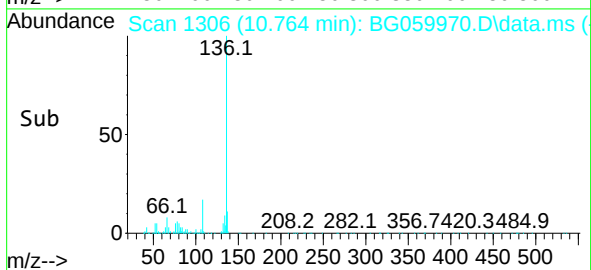
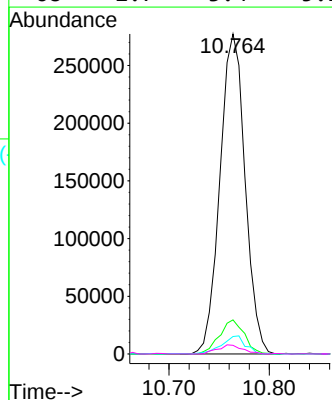
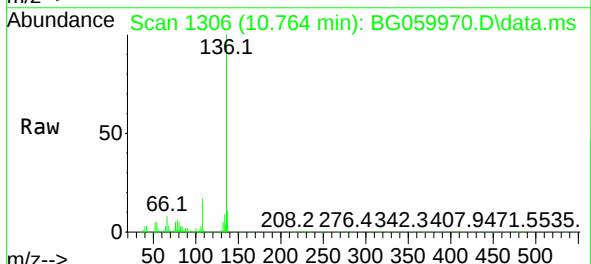
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-2

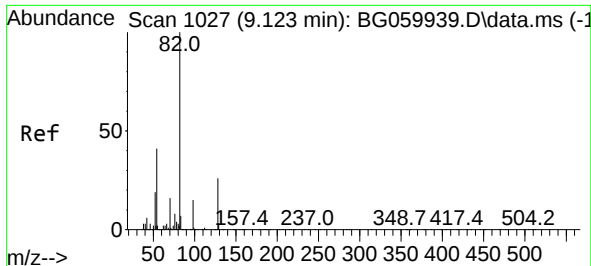
Tgt Ion: 99 Resp: 995714
Ion Ratio Lower Upper
99 100
42 18.2 20.1 30.1#
71 56.4 53.8 80.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 1306
Delta R.T. -0.004 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

Tgt Ion: 136 Resp: 481584
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 5.5 5.8 8.6#
68 2.7 3.4 5.2#

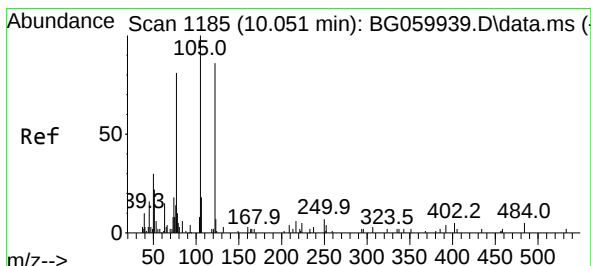
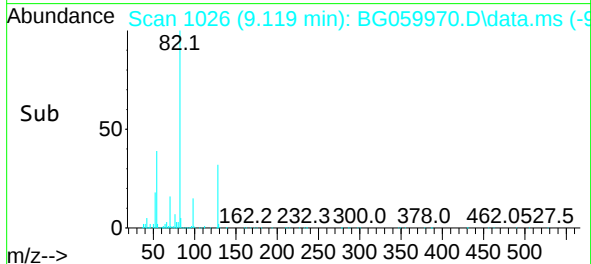
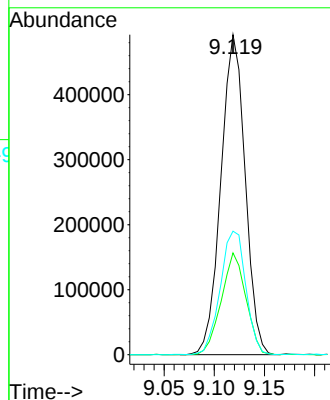
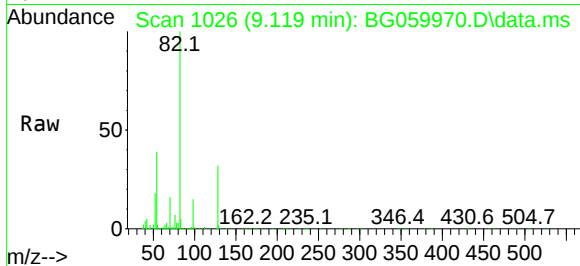




#23
Nitrobenzene-d5
Concen: 61.295 ng
RT: 9.119 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

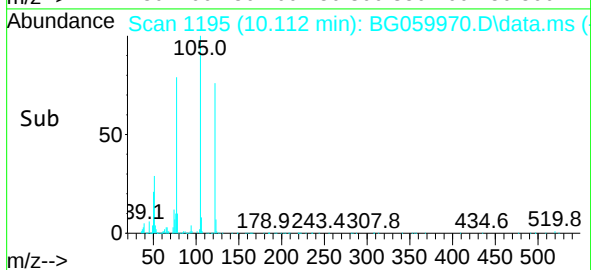
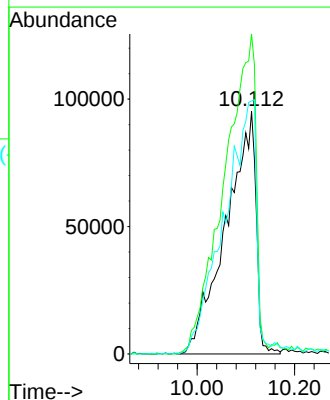
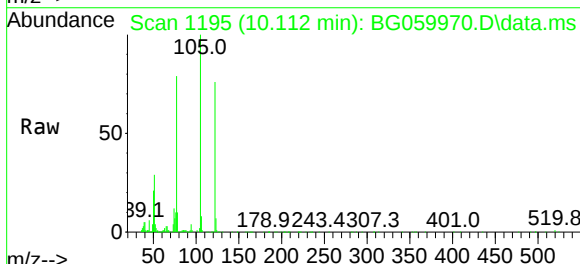
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-2

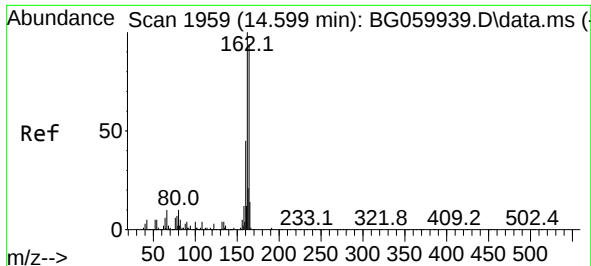
Tgt Ion: 82 Resp: 825772
Ion Ratio Lower Upper
82 100
128 31.8 21.0 31.6#
54 38.6 32.6 48.8



#32
Benzoic acid
Concen: 72.036 ng
RT: 10.112 min Scan# 1195
Delta R.T. 0.061 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

Tgt Ion:122 Resp: 404212
Ion Ratio Lower Upper
122 100
105 131.9 123.9 163.9
77 104.3 94.6 134.6

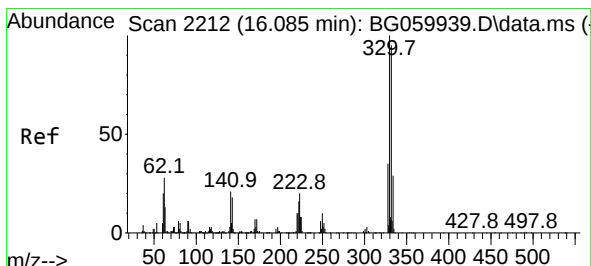
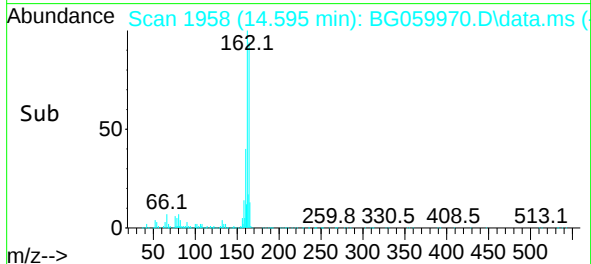
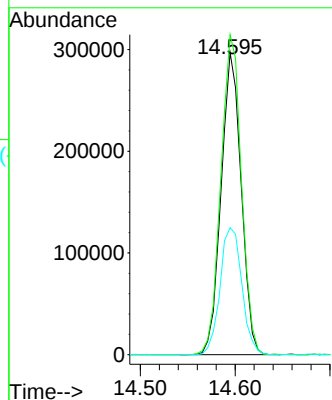
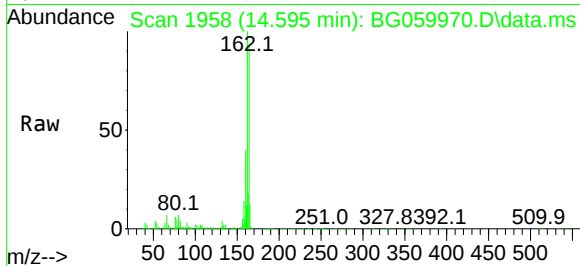




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1958
Delta R.T. -0.004 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

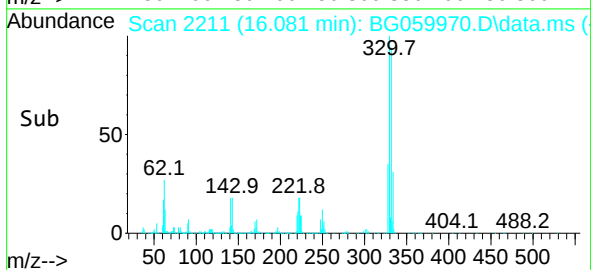
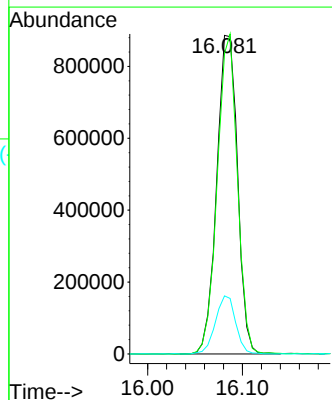
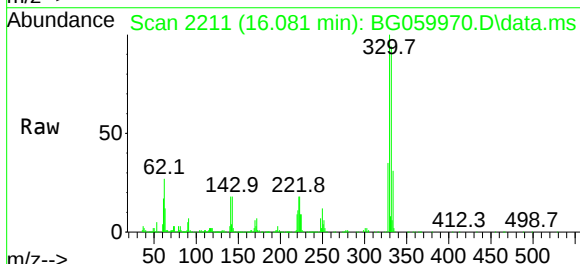
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-2

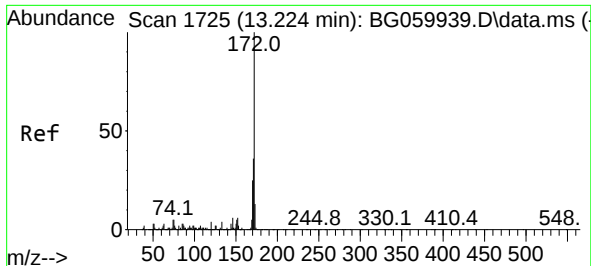
Tgt Ion:164 Resp: 436234
Ion Ratio Lower Upper
164 100
162 105.9 85.0 127.6
160 42.0 38.1 57.1



#42
2,4,6-Tribromophenol
Concen: 96.289 ng
RT: 16.081 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

Tgt Ion:330 Resp: 1351454
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 17.8 15.0 22.6

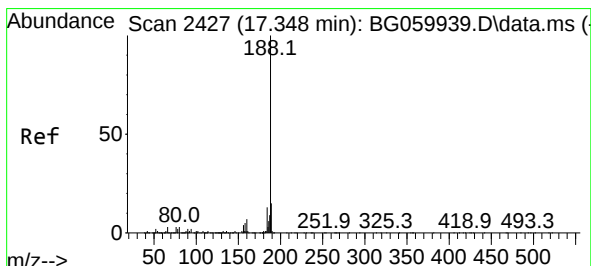
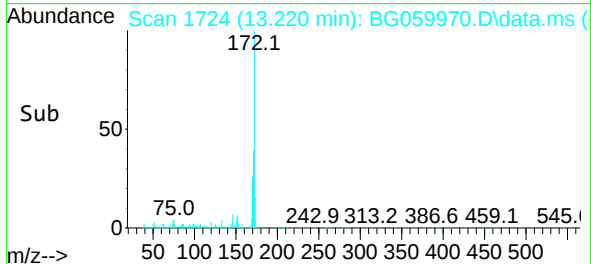
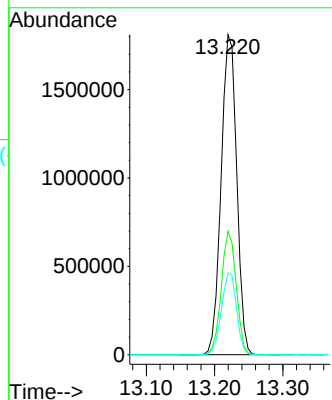
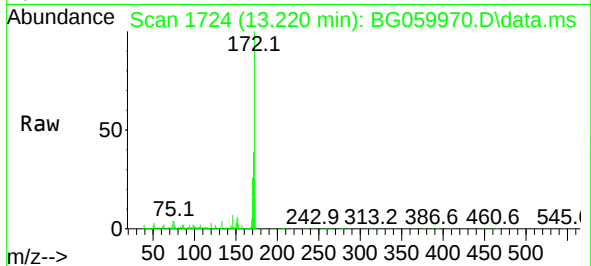




#45
2-Fluorobiphenyl
Concen: 71.911 ng
RT: 13.220 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

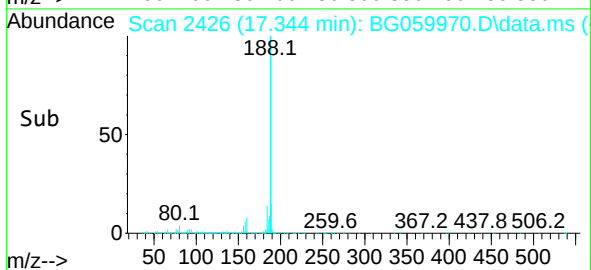
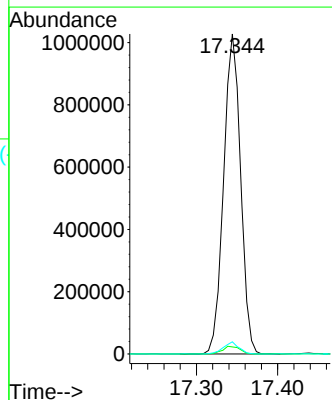
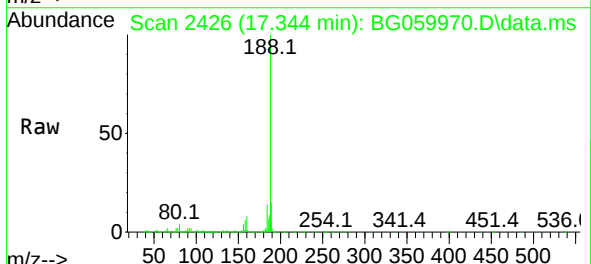
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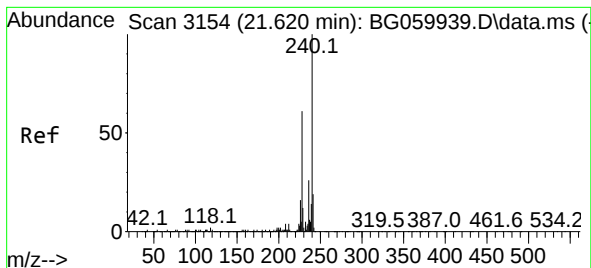
Tgt Ion:172 Resp: 2876191
Ion Ratio Lower Upper
172 100
171 38.6 28.6 43.0
170 25.6 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.344 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BG059970.D
Acq: 6 Dec 2023 15:18

Tgt Ion:188 Resp: 1492481
Ion Ratio Lower Upper
188 100
94 2.2 1.8 2.6
80 3.8 2.2 3.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG059970.D

Acq: 6 Dec 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-2

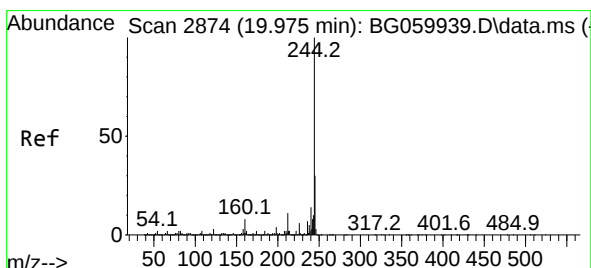
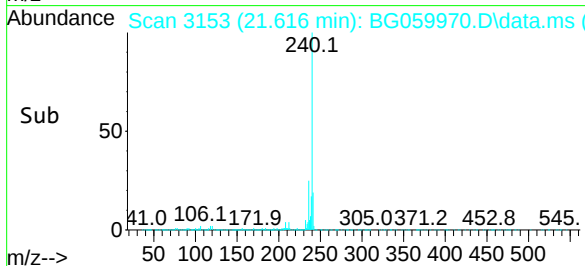
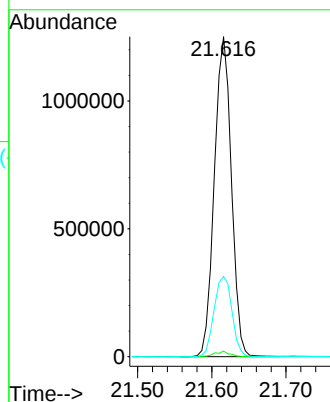
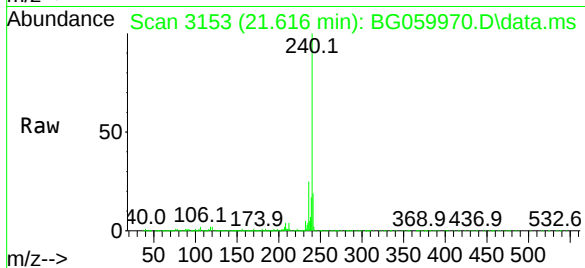
Tgt Ion:240 Resp: 1995881

Ion Ratio Lower Upper

240 100

120 1.7 1.0 1.4#

236 25.1 20.8 31.2



#79

Terphenyl-d14

Concen: 54.707 ng

RT: 19.971 min Scan# 2873

Delta R.T. -0.004 min

Lab File: BG059970.D

Acq: 6 Dec 2023 15:18

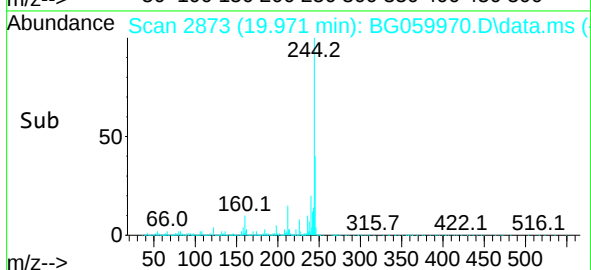
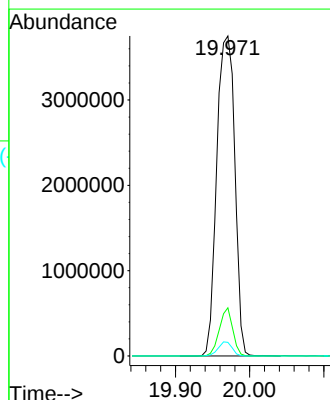
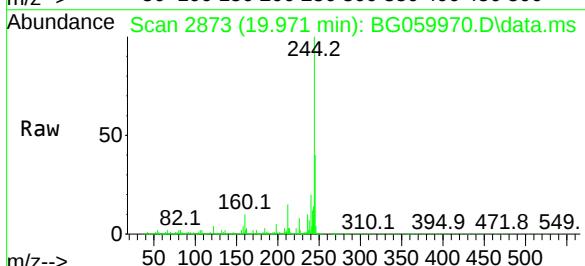
Tgt Ion:244 Resp: 6333788

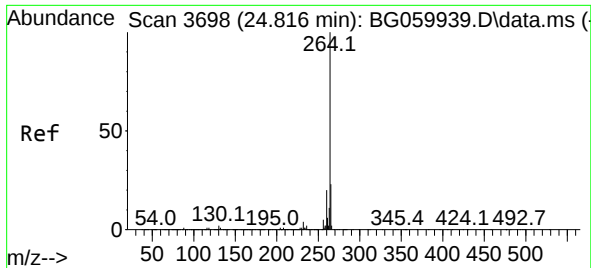
Ion Ratio Lower Upper

244 100

212 15.0 8.6 13.0#

122 4.2 2.1 3.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.806 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG059970.D
 Acq: 6 Dec 2023 15:18

Instrument :
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Tgt Ion:264 Resp: 2334098
 Ion Ratio Lower Upper
 264 100
 260 23.1 15.8 23.6
 265 20.4 18.1 27.1

