

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 :
 BNA_G
 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

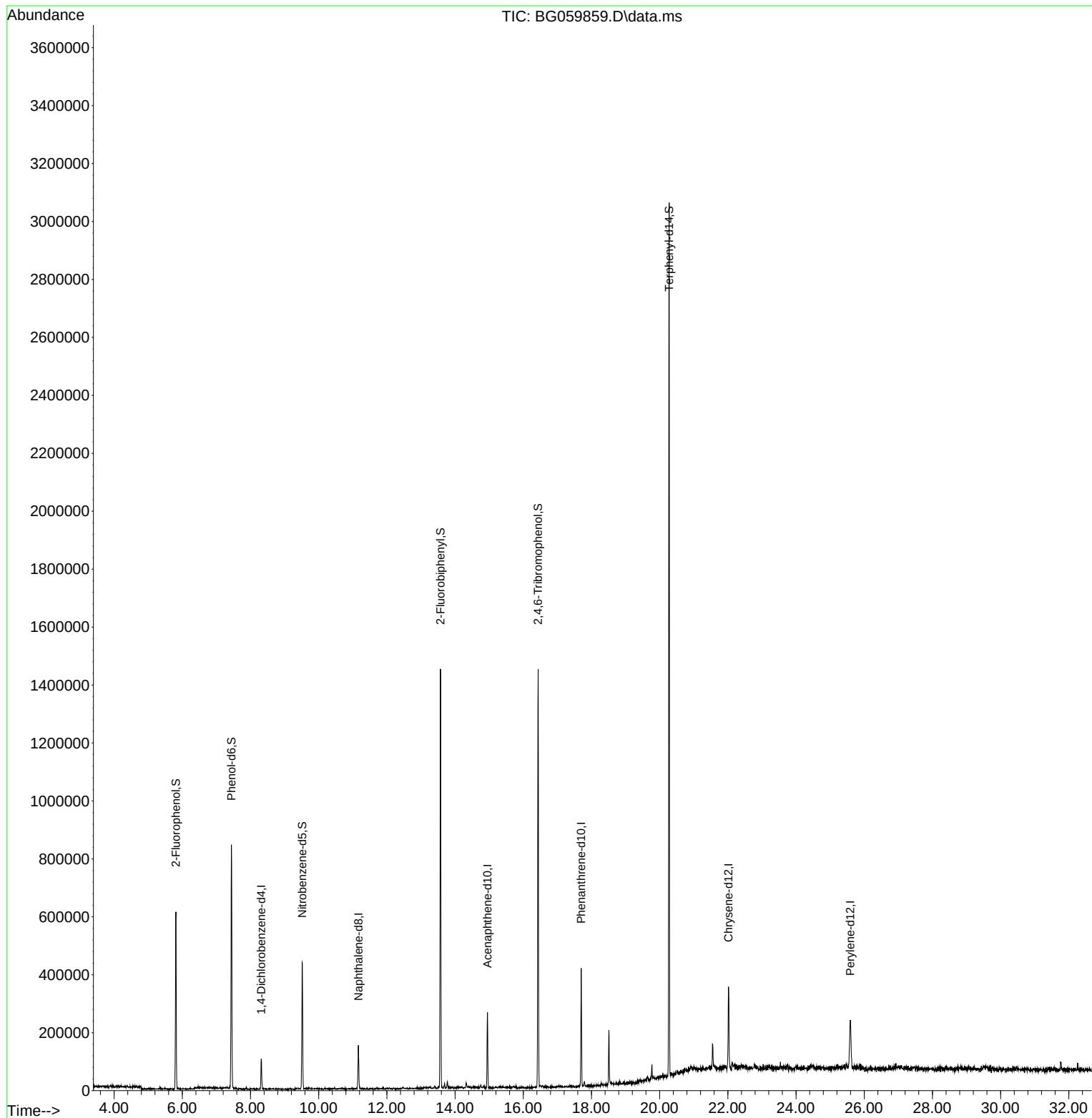
Target Compounds	Qvalue

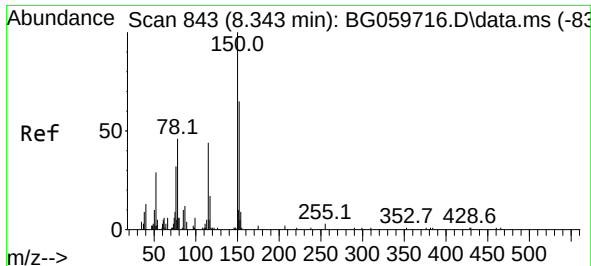
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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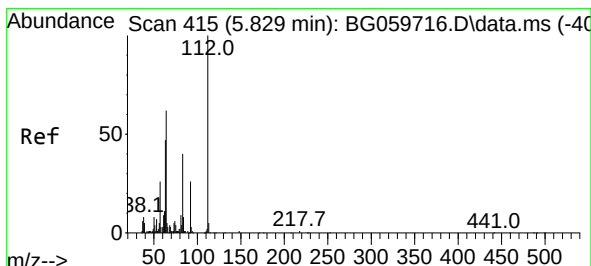
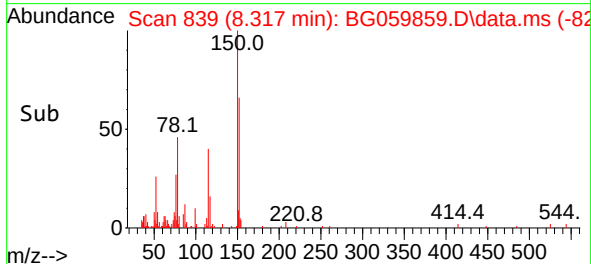
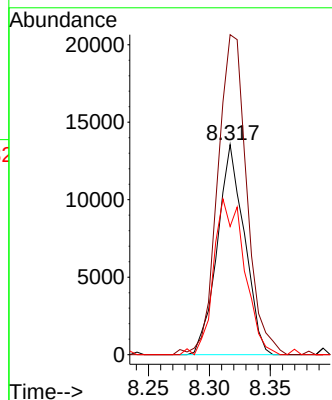
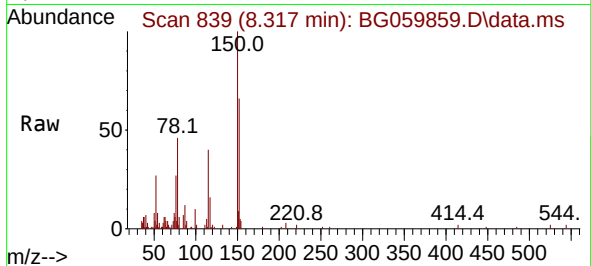




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.317 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG059859.D
 Acq: 24 Nov 2023 15:12

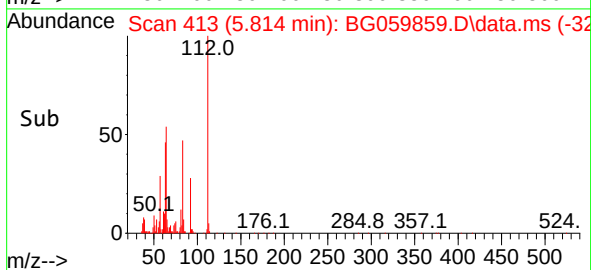
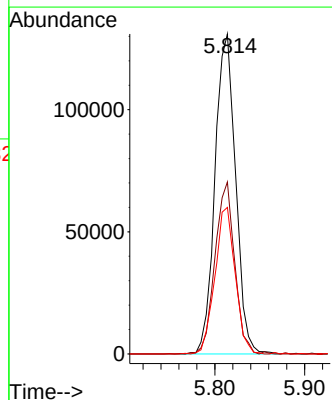
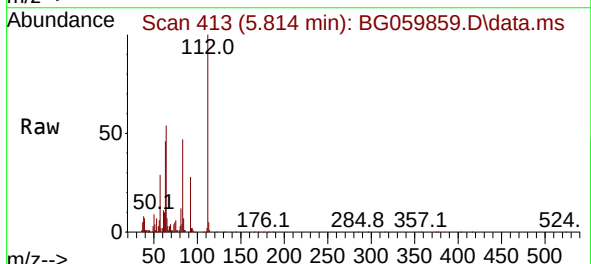
Instrument :
 BNA_G
 ClientSampleId :
 SB-7

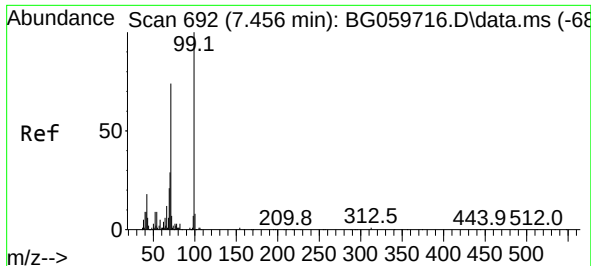
Tgt Ion:152 Resp: 20929
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.2 183.4
 115 61.0 54.2 81.4



#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

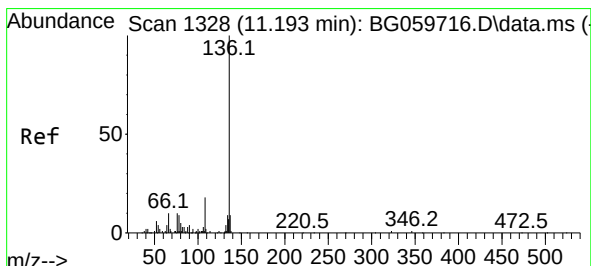
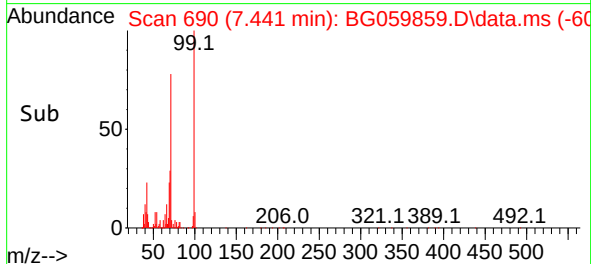
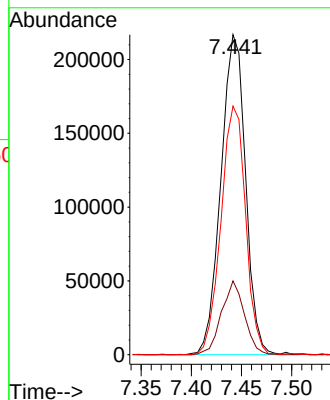
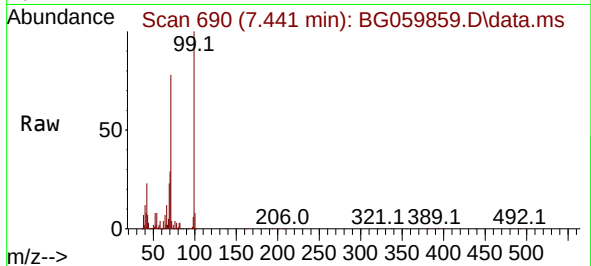




#7
Phenol-d6
Concen: 200.826 ng
RT: 7.441 min Scan# 692
Delta R.T. -0.004 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

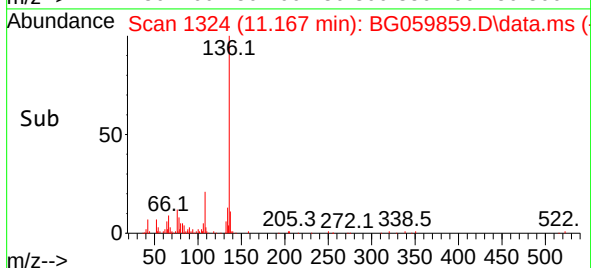
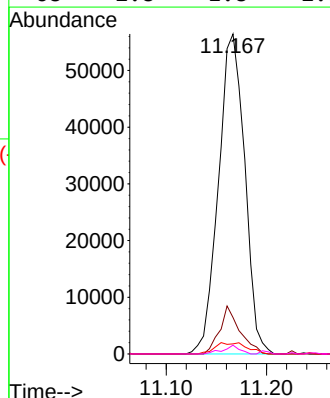
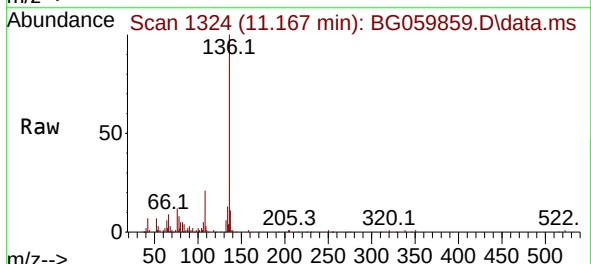
Instrument :
BNA_G
ClientSampleId :
SB-7

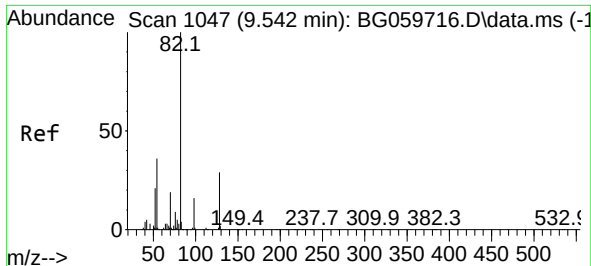
Tgt Ion: 99 Resp: 370057
Ion Ratio Lower Upper
99 100
42 23.0 14.3 21.5#
71 77.7 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.004 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

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#

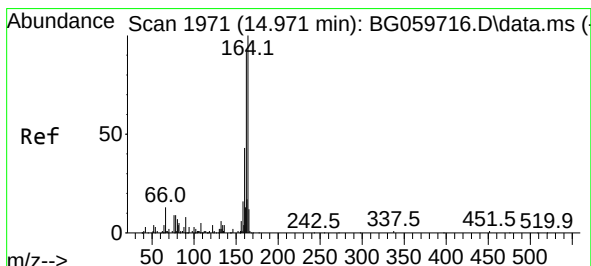
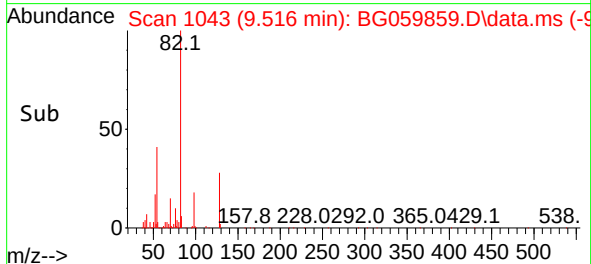
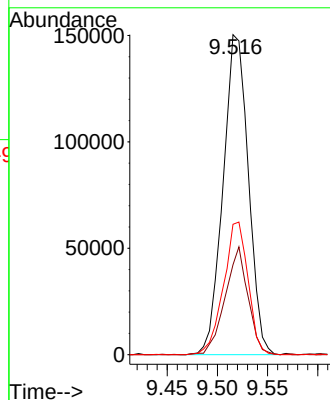
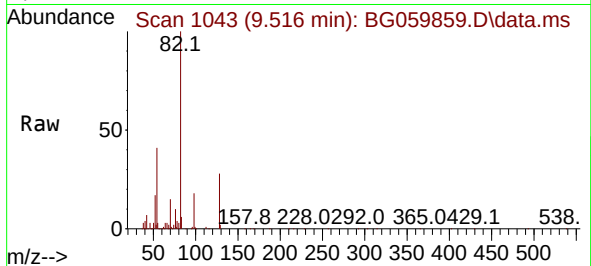




#23
Nitrobenzene-d5
Concen: 98.390 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

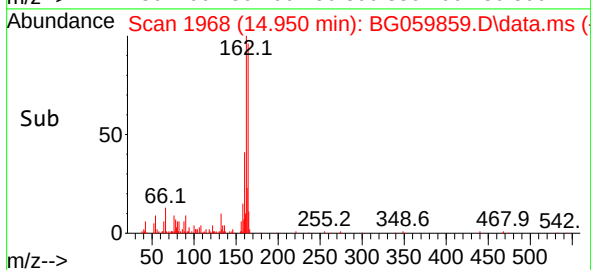
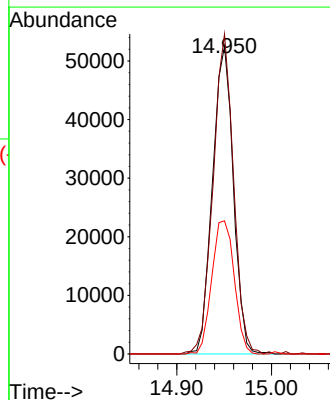
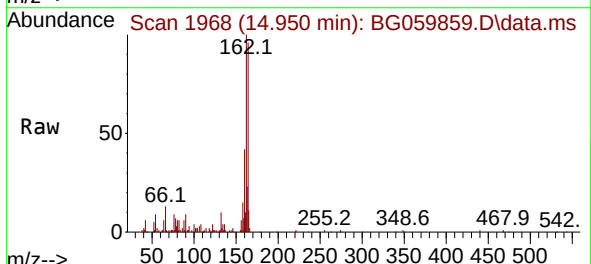
Instrument :
BNA_G
ClientSampleId :
SB-7

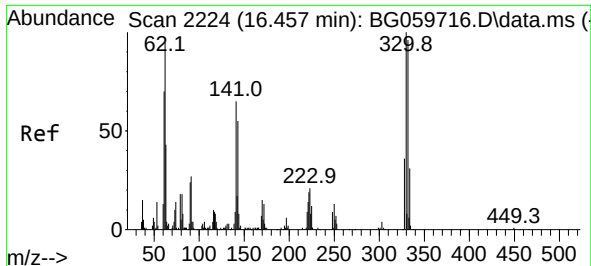
Tgt Ion: 82 Resp: 263804
Ion Ratio Lower Upper
82 100
128 28.1 23.0 34.6
54 40.8 28.7 43.1



#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

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

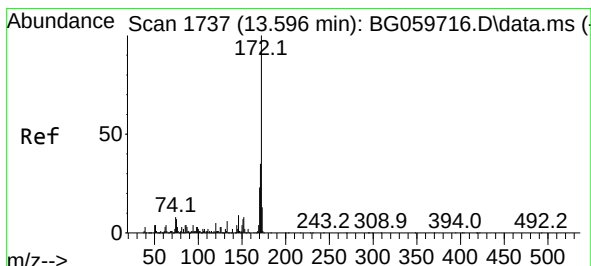
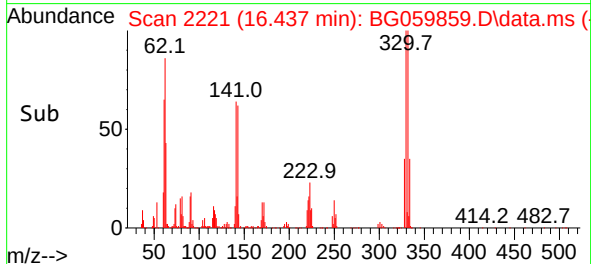
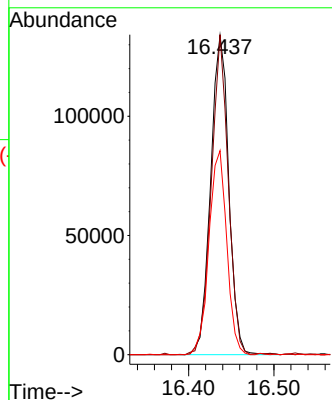
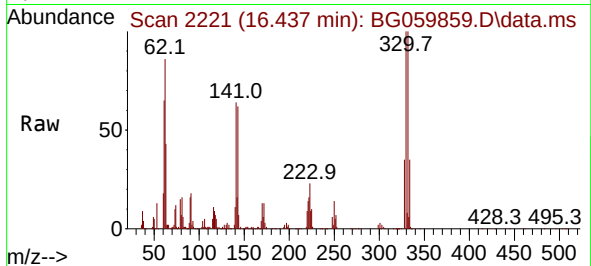




#42
2,4,6-Tribromophenol
Concen: 217.952 ng
RT: 16.437 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

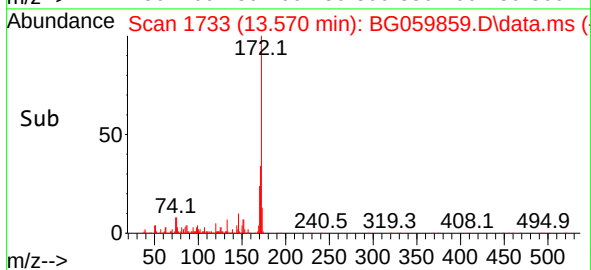
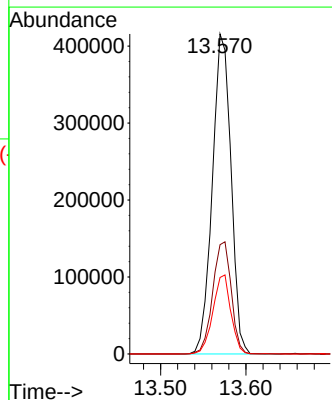
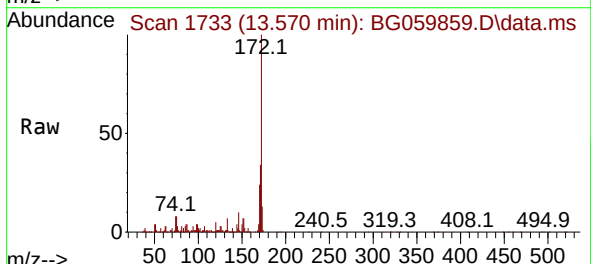
Instrument :
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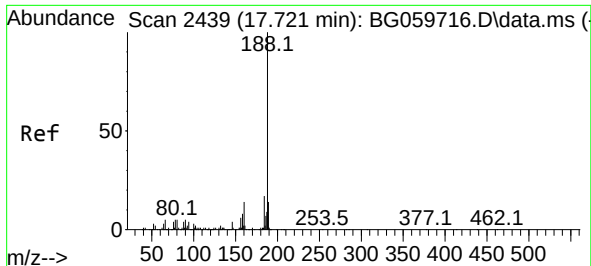
Tgt Ion:330 Resp: 198080
Ion Ratio Lower Upper
330 100
332 93.6 73.3 109.9
141 62.6 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 106.053 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.009 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

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

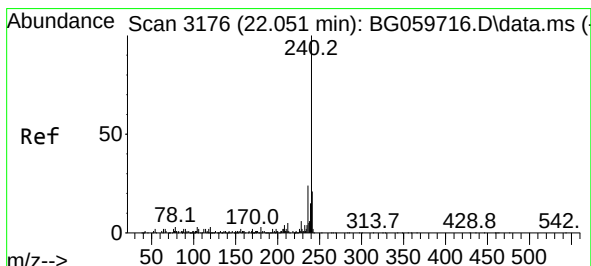
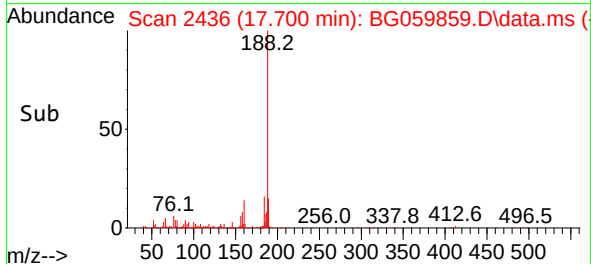
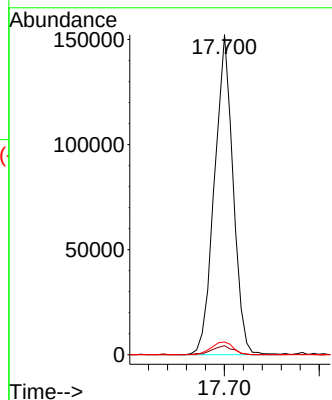
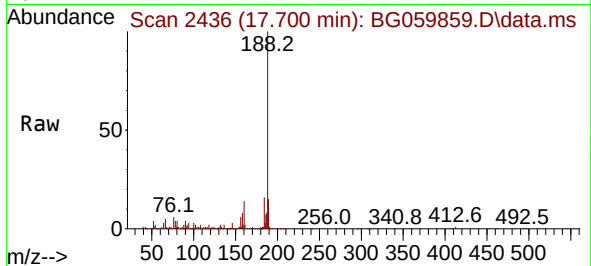




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

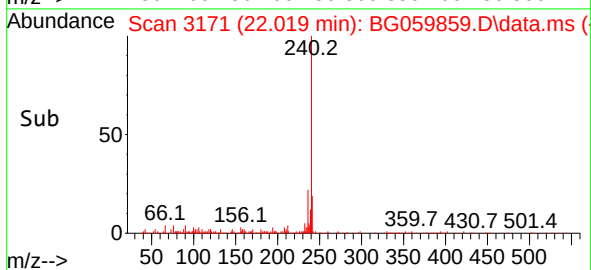
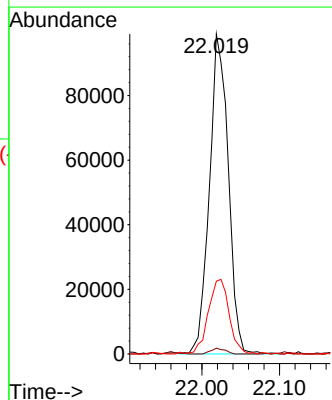
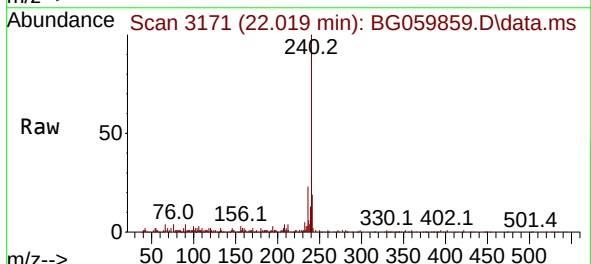
Instrument :
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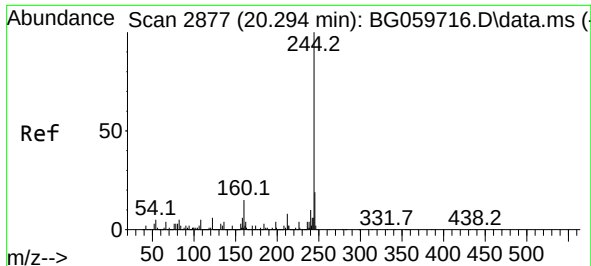
Tgt Ion:188 Resp: 207418
Ion Ratio Lower Upper
188 100
94 2.8 3.0 4.4#
80 4.0 4.2 6.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3171
Delta R.T. -0.015 min
Lab File: BG059859.D
Acq: 24 Nov 2023 15:12

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

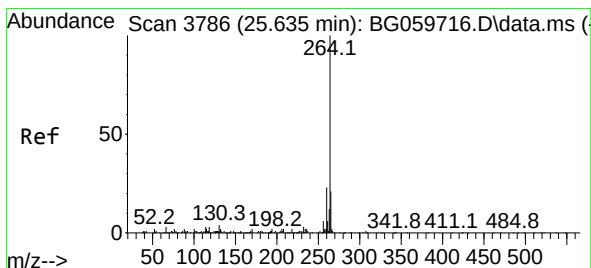
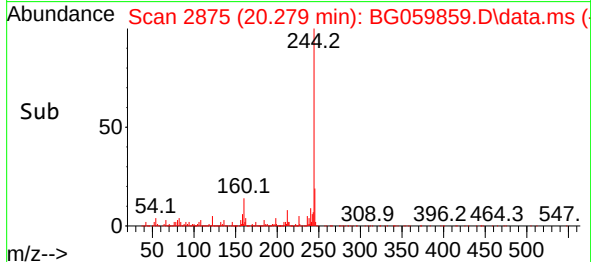
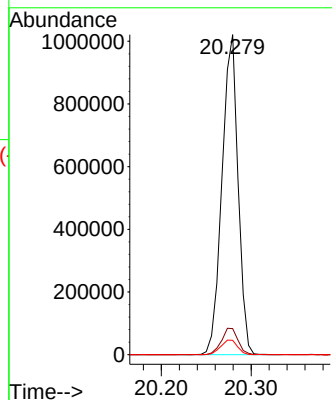
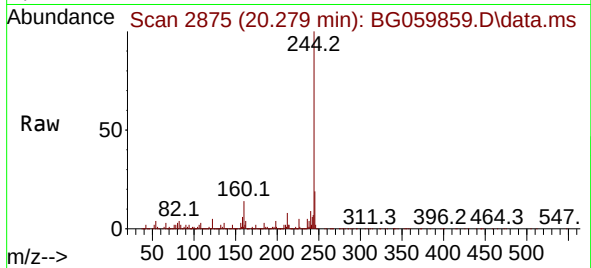




#79
 Terphenyl-d14
 Concen: 111.646 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG059859.D
 Acq: 24 Nov 2023 15:12

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

