

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059901.D
 Acq On : 27 Nov 2023 14:12
 Operator : MA/JU
 Sample : 05425-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-1(20)(15-20)

Quant Time: Nov 27 15:10:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.307	152	25401	20.000	ng	0.00
21) Naphthalene-d8	11.156	136	114539	20.000	ng	# 0.00
39) Acenaphthene-d10	14.940	164	85972	20.000	ng	0.00
64) Phenanthrene-d10	17.684	188	196262	20.000	ng	#-0.01
76) Chrysene-d12	22.008	240	154897	20.000	ng	-0.01
86) Perylene-d12	25.563	264	179725	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	214103	141.870	ng	0.00
7) Phenol-d6	7.431	99	180206	80.578	ng	0.00
23) Nitrobenzene-d5	9.505	82	153509	51.186	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	88382	90.606	ng	-0.01
45) 2-Fluorobiphenyl	13.559	172	333924	52.282	ng	0.00
79) Terphenyl-d14	20.269	244	559841	53.356	ng	0.00

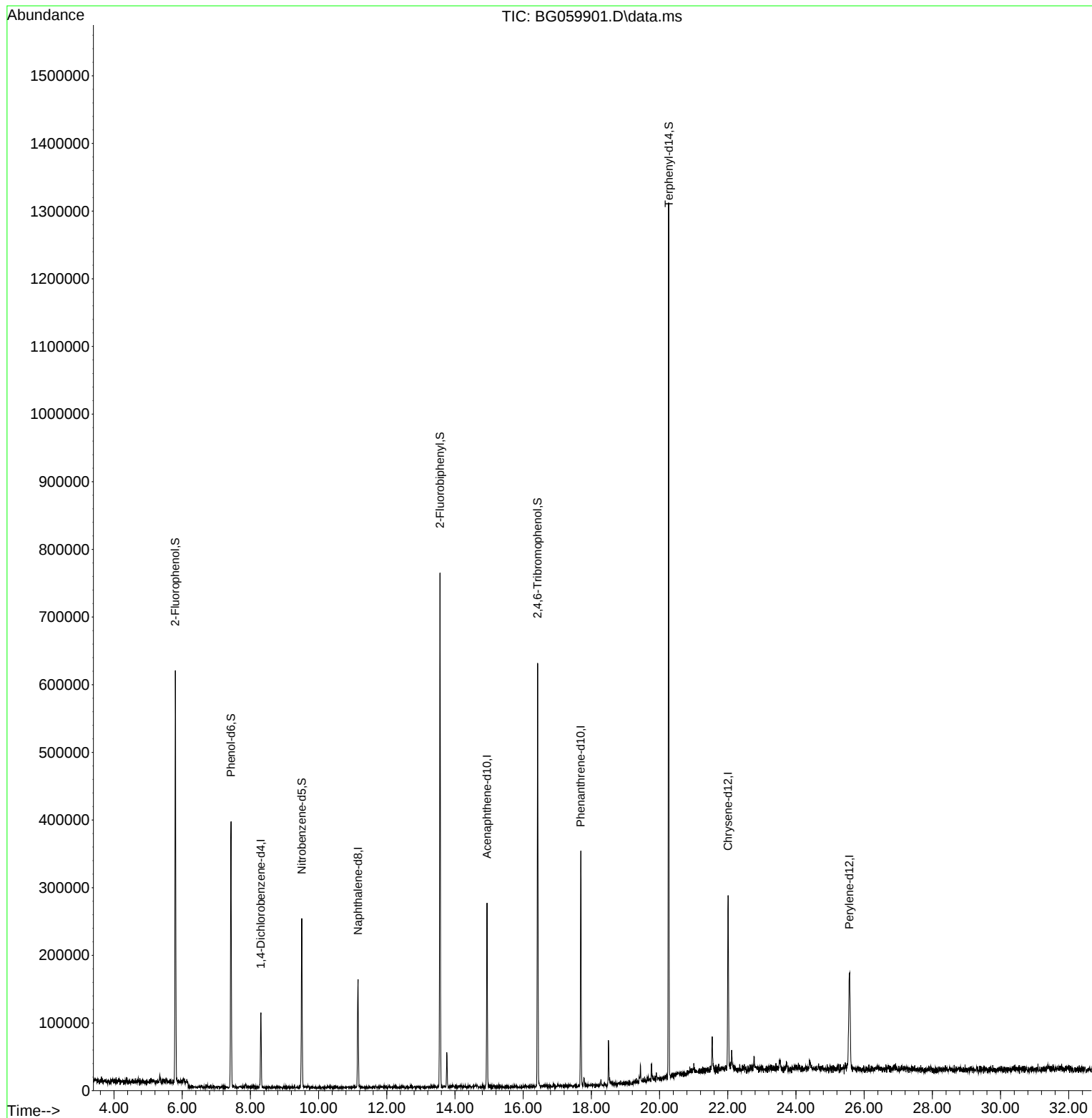
Target Compounds	Qvalue

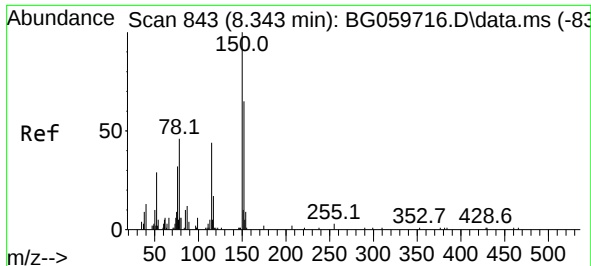
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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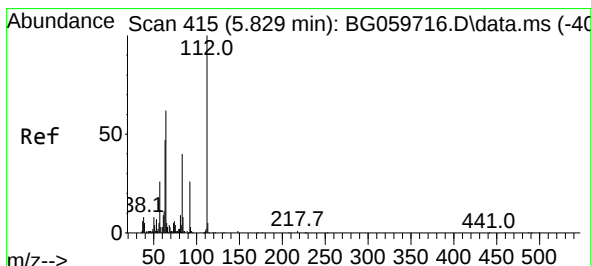
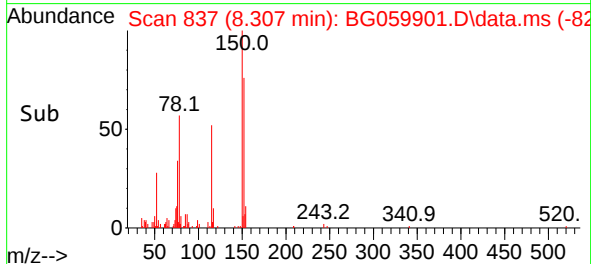
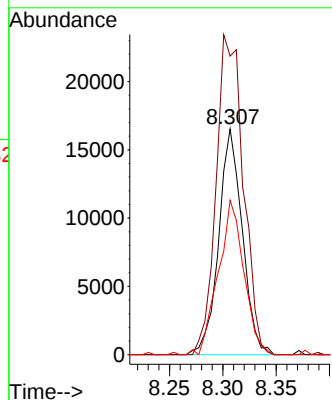
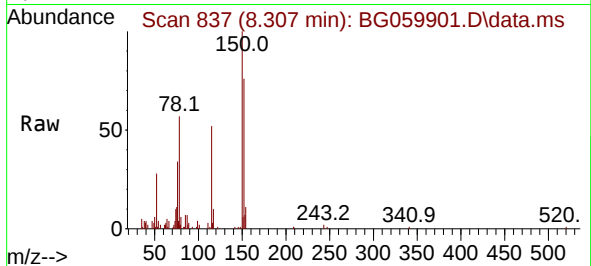


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.307 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG059901.D
 Acq: 27 Nov 2023 14:12

Instrument :
 BNA_G
 ClientSampleId :
 O-1(20)(15-20)

Tgt Ion:152 Resp: 25401

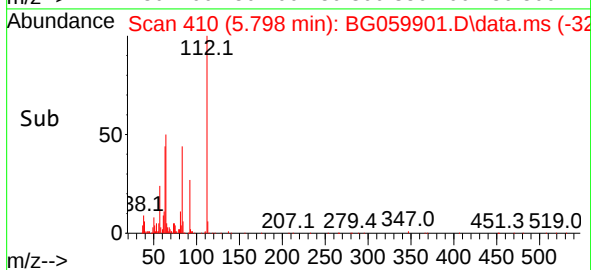
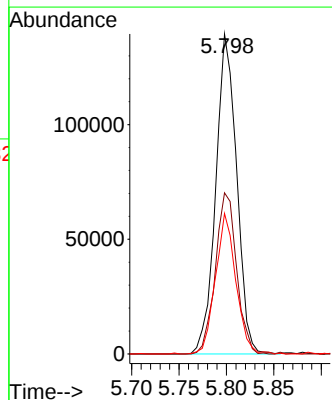
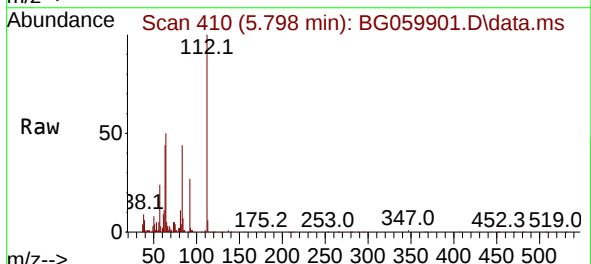
Ion	Ratio	Lower	Upper
152	100		
150	132.3	122.2	183.4
115	68.4	54.2	81.4

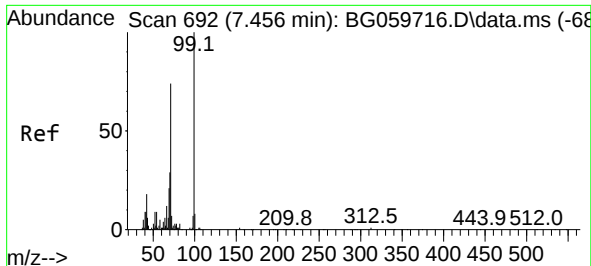


#5
 2-Fluorophenol
 Concen: 141.870 ng
 RT: 5.798 min Scan# 410
 Delta R.T. 0.002 min
 Lab File: BG059901.D
 Acq: 27 Nov 2023 14:12

Tgt Ion:112 Resp: 214103

Ion	Ratio	Lower	Upper
112	100		
64	50.4	49.5	74.3
63	43.9	37.4	56.2

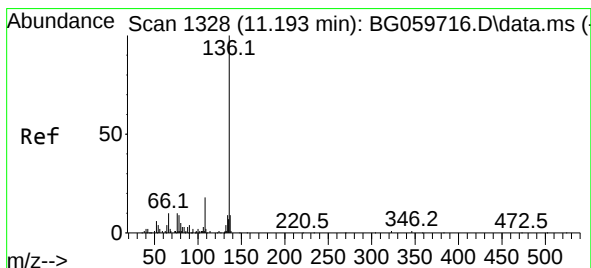
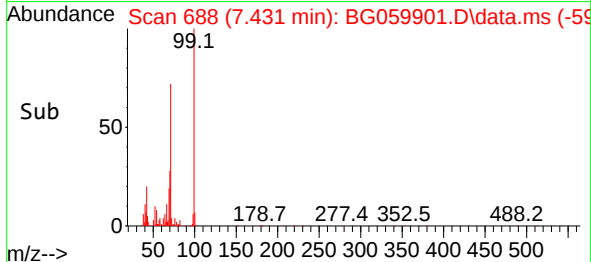
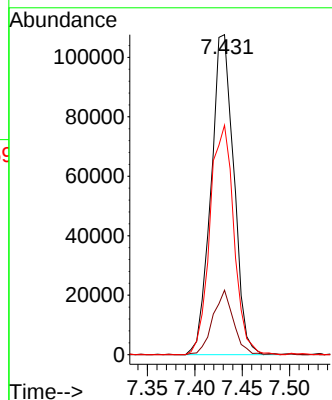
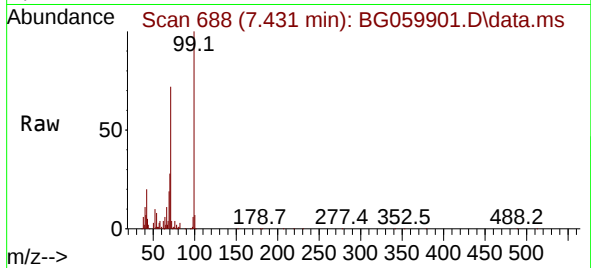




#7
Phenol-d6
Concen: 80.578 ng
RT: 7.431 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG059901.D
Acq: 27 Nov 2023 14:12

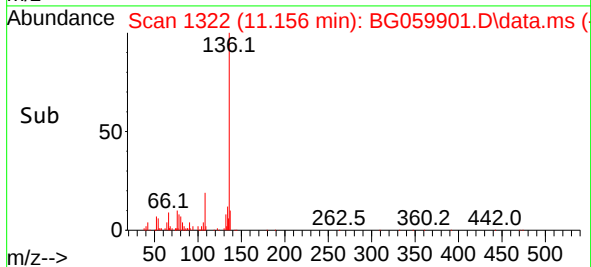
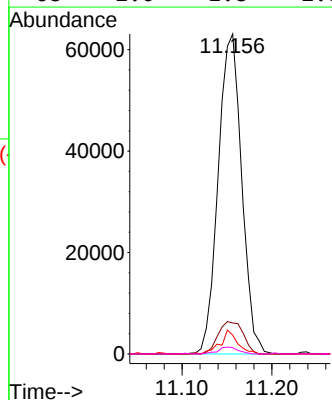
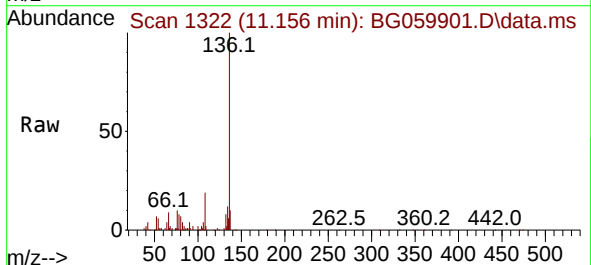
Instrument :
BNA_G
ClientSampleId :
O-1(20)(15-20)

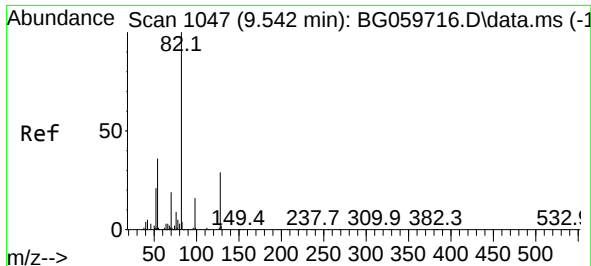
Tgt Ion: 99 Resp: 180206
Ion Ratio Lower Upper
99 100
42 20.1 14.3 21.5
71 71.7 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.156 min Scan# 1322
Delta R.T. 0.002 min
Lab File: BG059901.D
Acq: 27 Nov 2023 14:12

Tgt Ion: 136 Resp: 114539
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.0
54 5.9 3.1 4.7#
68 2.0 1.8 2.8

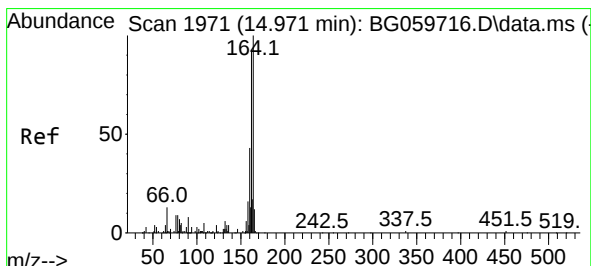
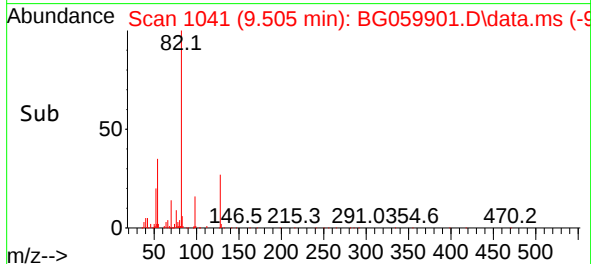
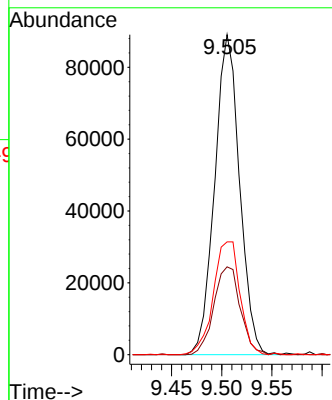
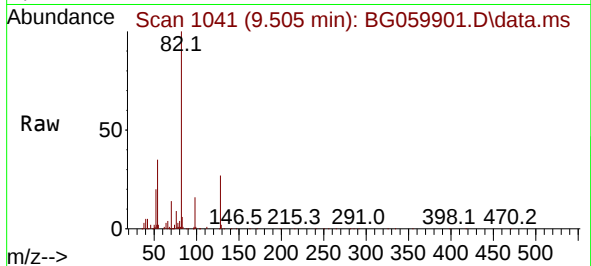




#23
Nitrobenzene-d5
Concen: 51.186 ng
RT: 9.505 min Scan# 1041
Delta R.T. -0.004 min
Lab File: BG059901.D
Acq: 27 Nov 2023 14:12

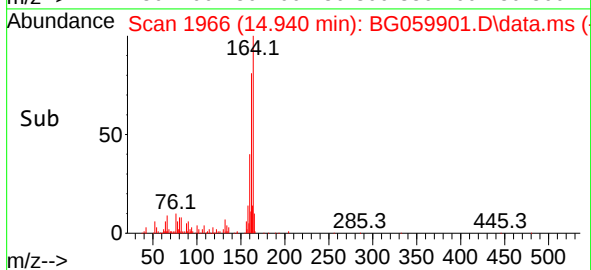
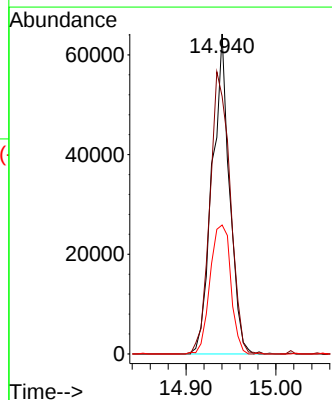
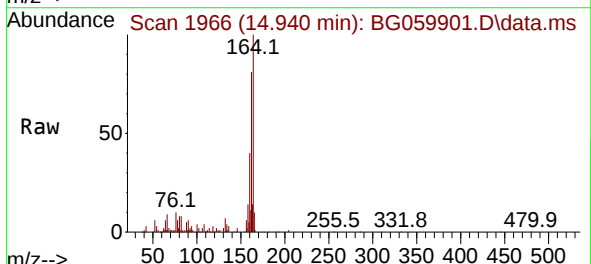
Instrument :
BNA_G
ClientSampleId :
O-1(20)(15-20)

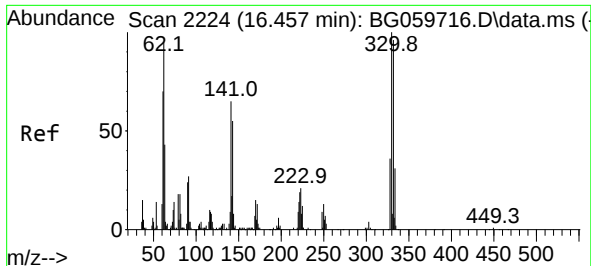
Tgt Ion: 82 Resp: 153509
Ion Ratio Lower Upper
82 100
128 27.4 23.0 34.6
54 35.3 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.940 min Scan# 1966
Delta R.T. -0.004 min
Lab File: BG059901.D
Acq: 27 Nov 2023 14:12

Tgt Ion:164 Resp: 85972
Ion Ratio Lower Upper
164 100
162 80.5 73.3 109.9
160 40.3 34.1 51.1

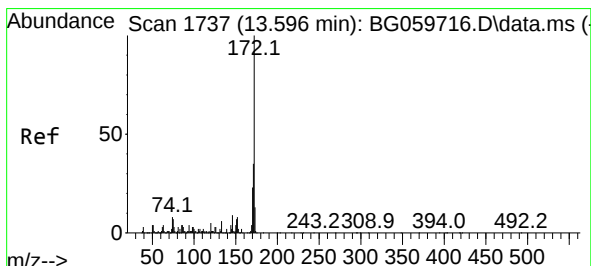
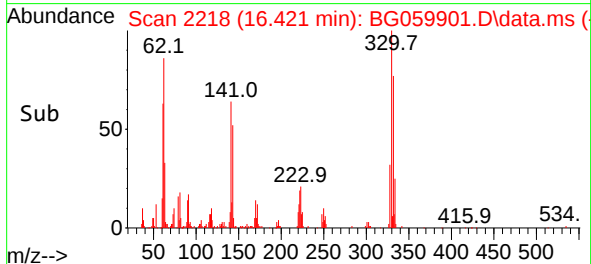
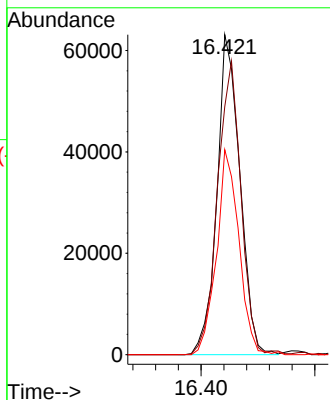
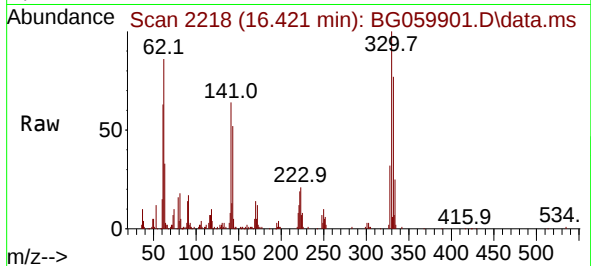




#42
2,4,6-Tribromophenol
Concen: 90.606 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG059901.D
Acq: 27 Nov 2023 14:12

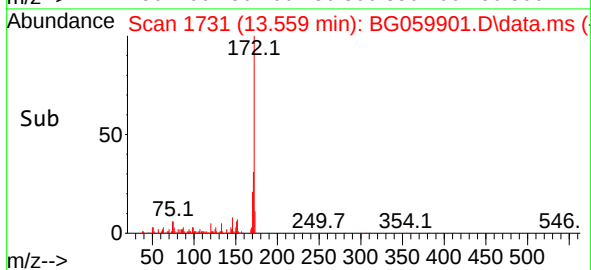
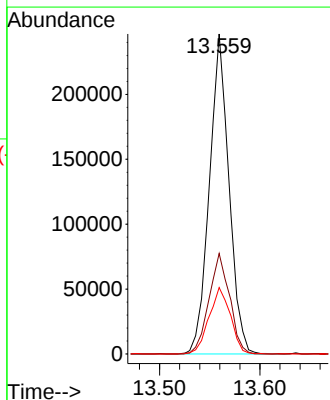
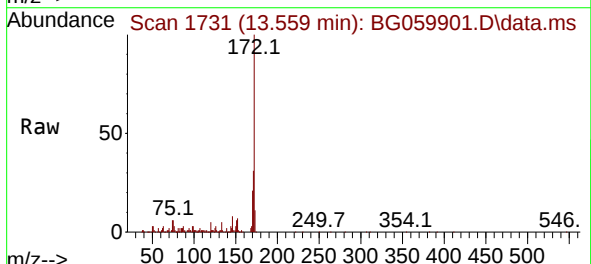
Instrument :
BNA_G
ClientSampleId :
O-1(20)(15-20)

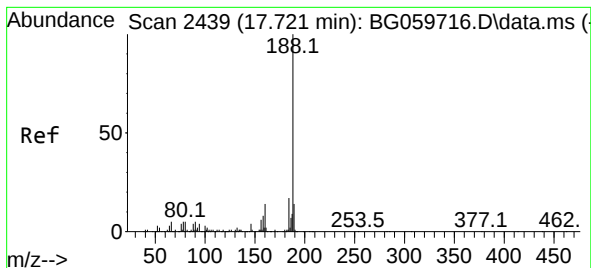
Tgt Ion:330 Resp: 88382
Ion Ratio Lower Upper
330 100
332 94.2 73.3 109.9
141 62.6 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 52.282 ng
RT: 13.559 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BG059901.D
Acq: 27 Nov 2023 14:12

Tgt Ion:172 Resp: 333924
Ion Ratio Lower Upper
172 100
171 31.4 27.7 41.5
170 20.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.684 min Scan# 2439

Delta R.T. -0.010 min

Lab File: BG059901.D

Acq: 27 Nov 2023 14:12

Instrument :

BNA_G

ClientSampleId :

O-1(20)(15-20)

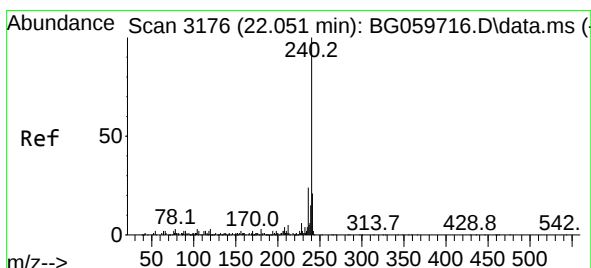
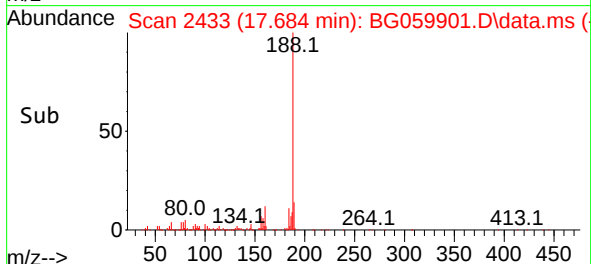
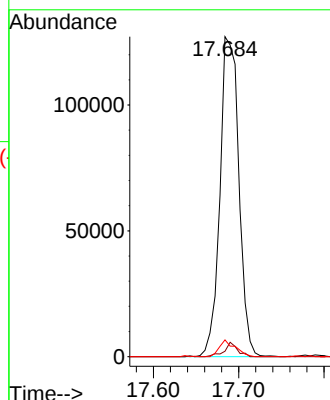
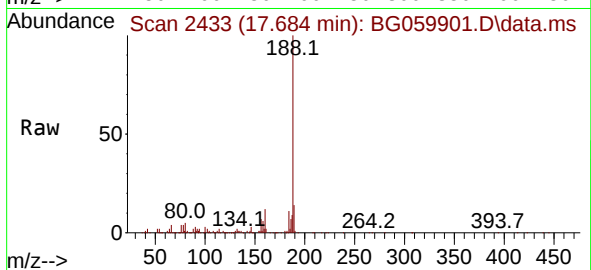
Tgt Ion:188 Resp: 196262

Ion Ratio Lower Upper

188 100

94 1.7 3.0 4.4#

80 5.3 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.008 min Scan# 3169

Delta R.T. -0.010 min

Lab File: BG059901.D

Acq: 27 Nov 2023 14:12

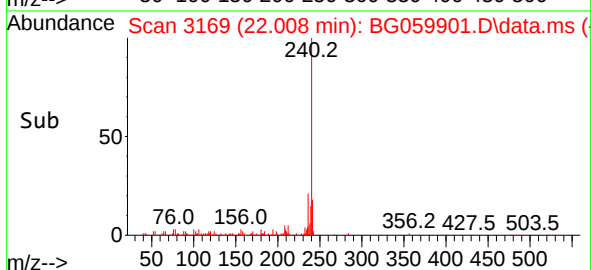
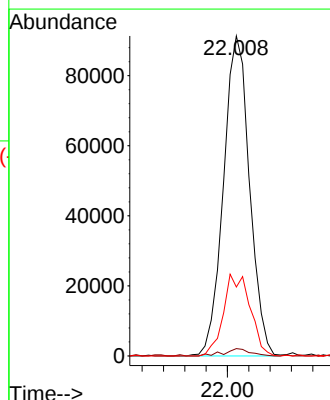
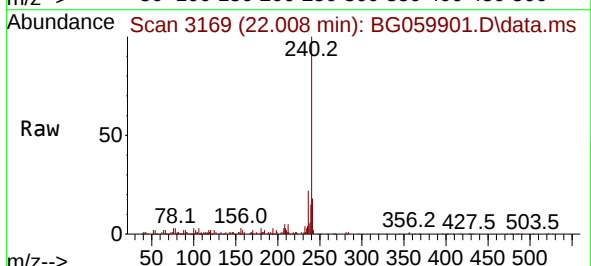
Tgt Ion:240 Resp: 154897

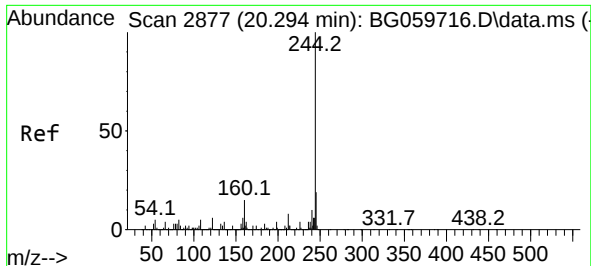
Ion Ratio Lower Upper

240 100

120 2.3 2.2 3.2

236 21.6 19.4 29.2

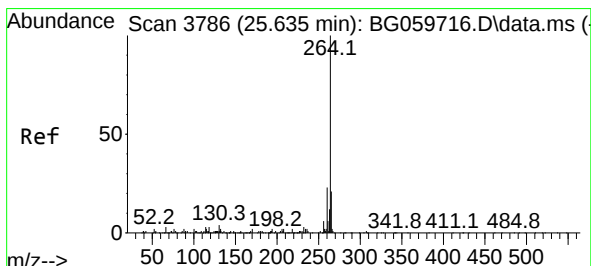
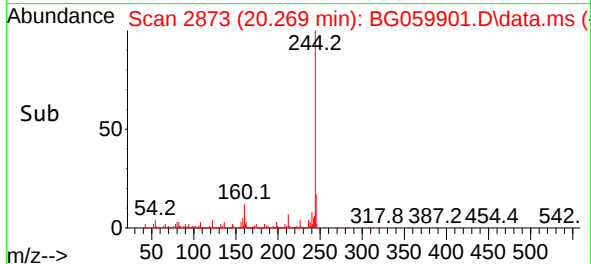
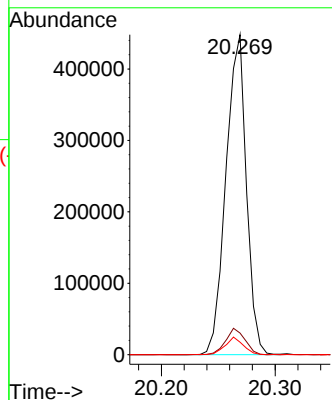
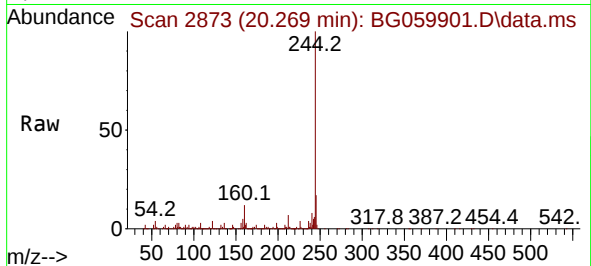




#79
 Terphenyl-d14
 Concen: 53.356 ng
 RT: 20.269 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG059901.D
 Acq: 27 Nov 2023 14:12

Instrument :
 BNA_G
 ClientSampleId :
 O-1(20)(15-20)

Tgt Ion:244 Resp: 559841
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.6 10.0
 122 3.9 4.4 6.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.563 min Scan# 3774
 Delta R.T. -0.016 min
 Lab File: BG059901.D
 Acq: 27 Nov 2023 14:12

Tgt Ion:264 Resp: 179725
 Ion Ratio Lower Upper
 264 100
 260 19.4 18.5 27.7
 265 20.0 17.0 25.6

