

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059800.D
 Acq On : 21 Nov 2023 20:24
 Operator : MA/JU
 Sample : 05351-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11985

Quant Time: Nov 22 00:33:49 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 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.339	152	22227	20.000	ng	# 0.00
21) Naphthalene-d8	11.188	136	96801	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	108741	20.000	ng	0.00
64) Phenanthrene-d10	17.716	188	255633	20.000	ng	0.00
76) Chrysene-d12	22.040	240	175986	20.000	ng	#-0.01
86) Perylene-d12	25.624	264	142407	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.836	112	187373	141.888	ng	0.00
7) Phenol-d6	7.463	99	245247	125.321	ng	0.00
23) Nitrobenzene-d5	9.537	82	263316	103.889	ng	0.00
42) 2,4,6-Tribromophenol	16.459	330	238819	193.564	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	806874	99.879	ng	0.00
79) Terphenyl-d14	20.295	244	1404962	117.854	ng	0.00

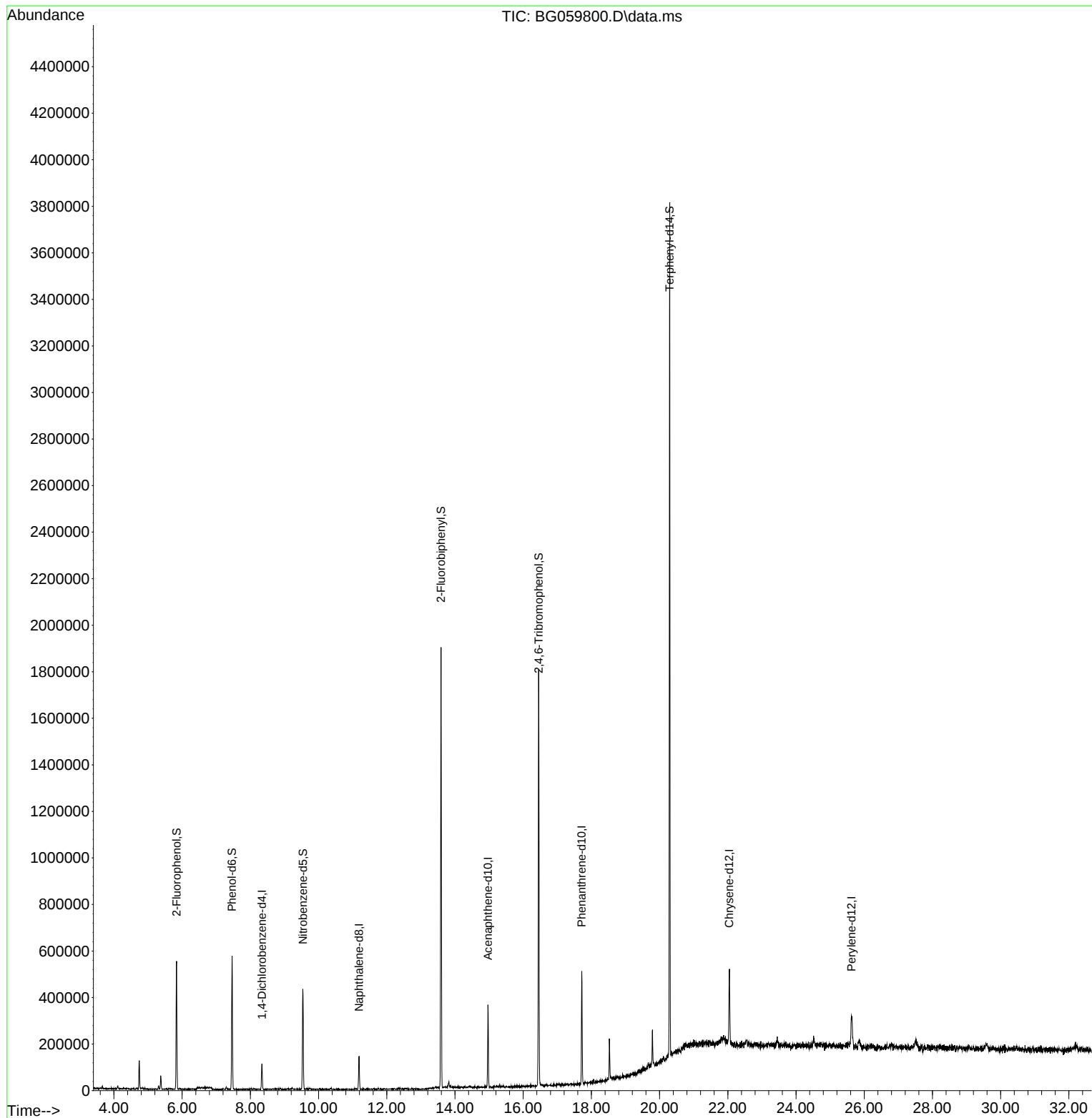
Target Compounds	Qvalue

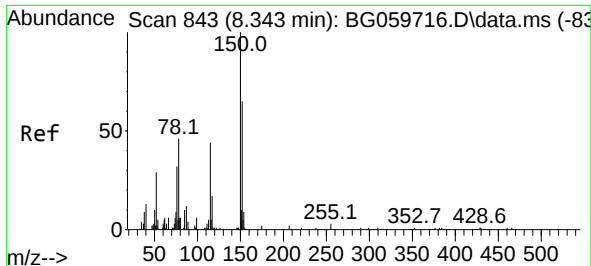
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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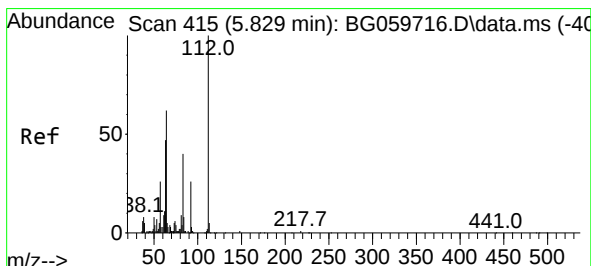
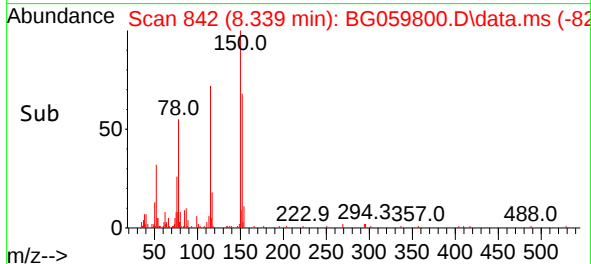
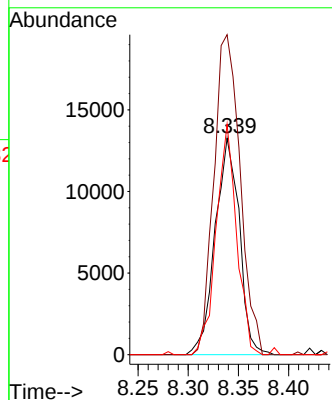
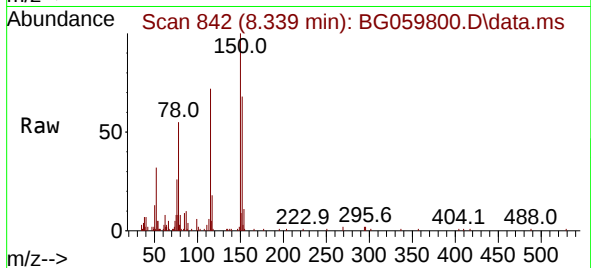




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.339 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

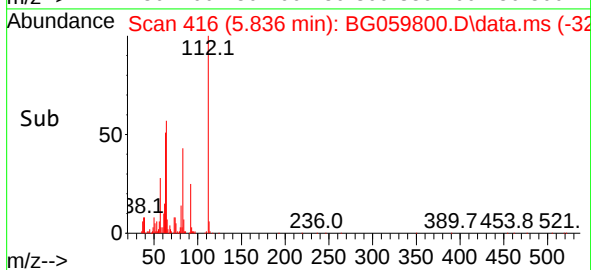
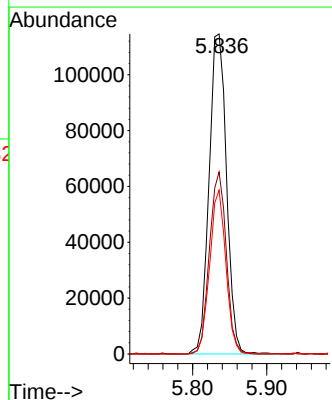
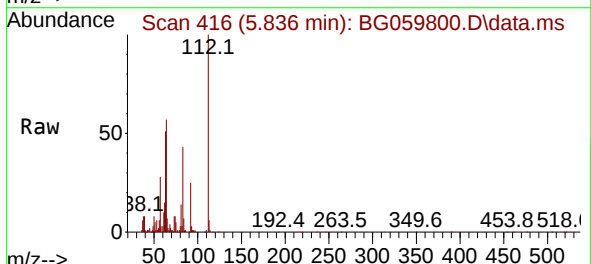
Instrument :
BNA_G
ClientSampleId :
72-11985

Tgt Ion:152 Resp: 22227
Ion Ratio Lower Upper
152 100
150 147.8 122.2 183.4
115 106.4 54.2 81.4#



#5
2-Fluorophenol
Concen: 141.888 ng
RT: 5.836 min Scan# 416
Delta R.T. 0.007 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

Tgt Ion:112 Resp: 187373
Ion Ratio Lower Upper
112 100
64 56.9 49.5 74.3
63 51.2 37.4 56.2

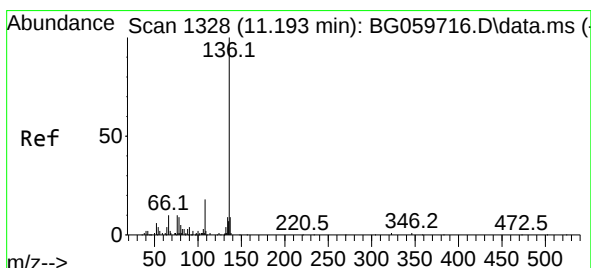
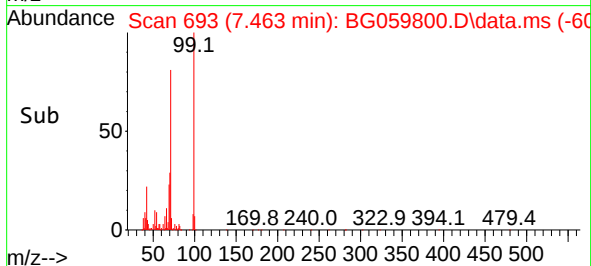
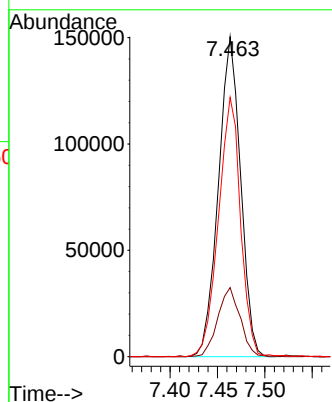
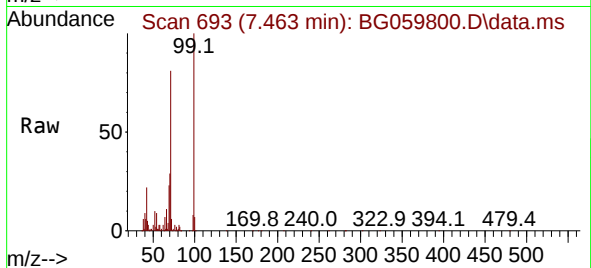




#7
Phenol-d6
Concen: 125.321 ng
RT: 7.463 min Scan# 692
Delta R.T. 0.007 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

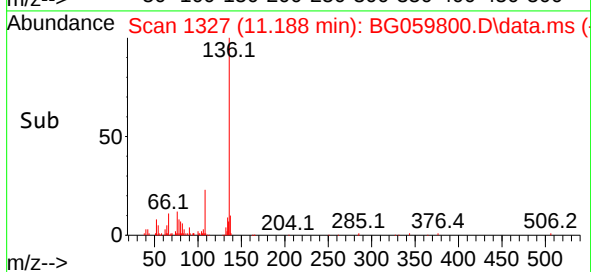
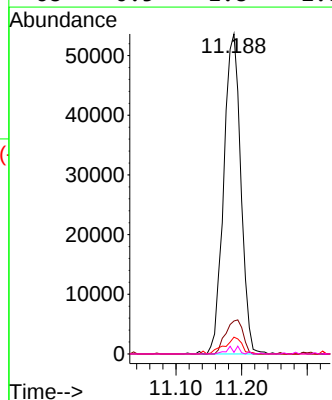
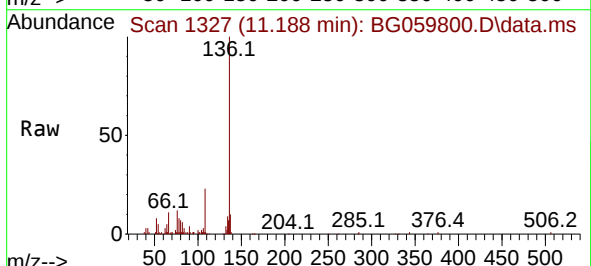
Instrument :
BNA_G
ClientSampleId :
72-11985

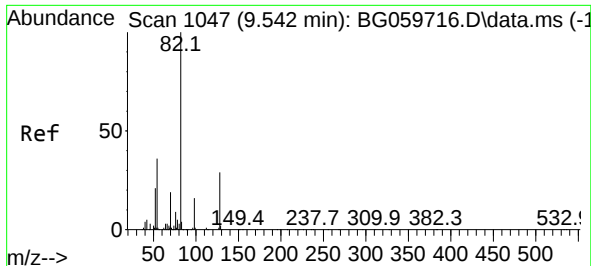
Tgt Ion: 99 Resp: 245247
Ion Ratio Lower Upper
99 100
42 21.6 14.3 21.5#
71 81.0 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

Tgt Ion:136 Resp: 96801
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.0
54 5.2 3.1 4.7#
68 0.5 1.8 2.8#

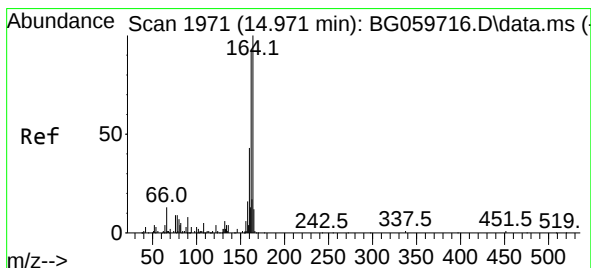
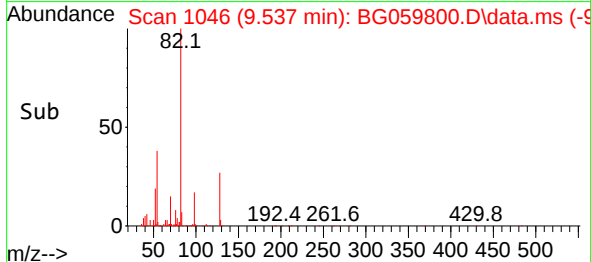
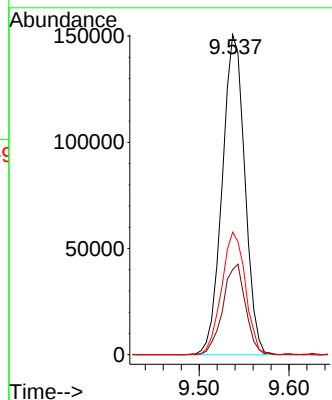
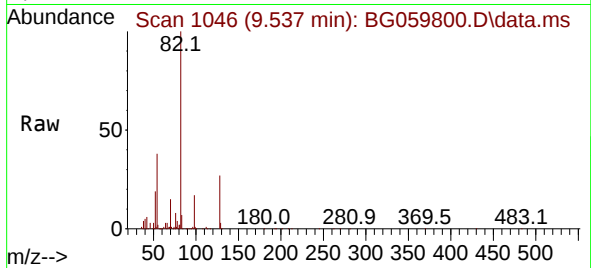




#23
Nitrobenzene-d5
Concen: 103.889 ng
RT: 9.537 min Scan# 1046
Delta R.T. -0.005 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

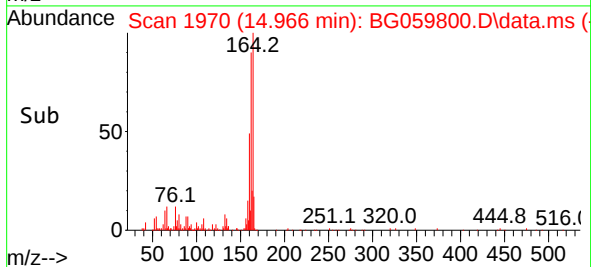
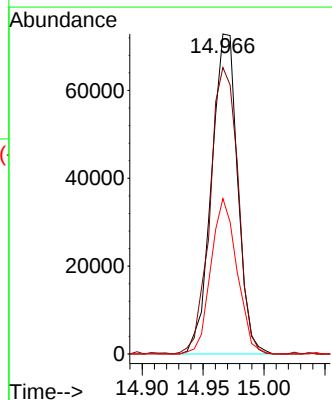
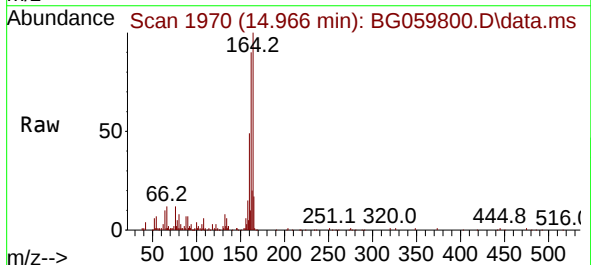
Instrument :
BNA_G
ClientSampleId :
72-11985

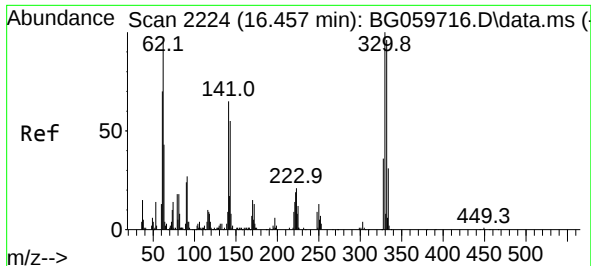
Tgt Ion: 82 Resp: 263316
Ion Ratio Lower Upper
82 100
128 26.6 23.0 34.6
54 38.3 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

Tgt Ion:164 Resp: 108741
Ion Ratio Lower Upper
164 100
162 89.5 73.3 109.9
160 48.5 34.1 51.1

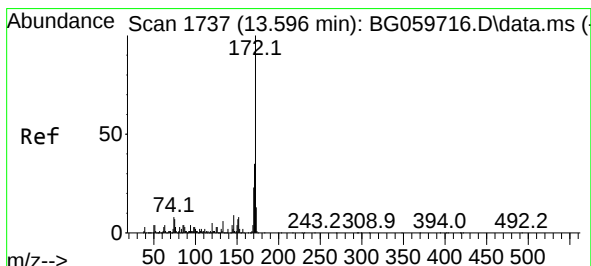
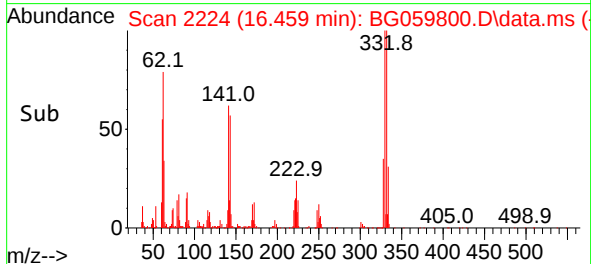
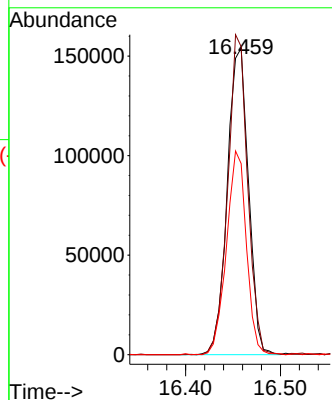
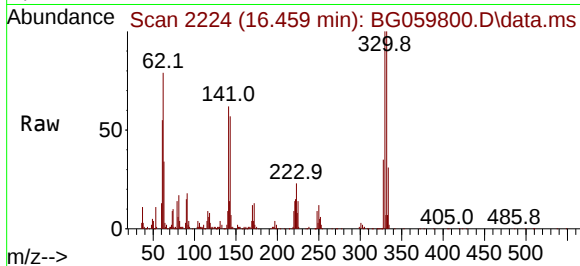




#42
2,4,6-Tribromophenol
Concen: 193.564 ng
RT: 16.459 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

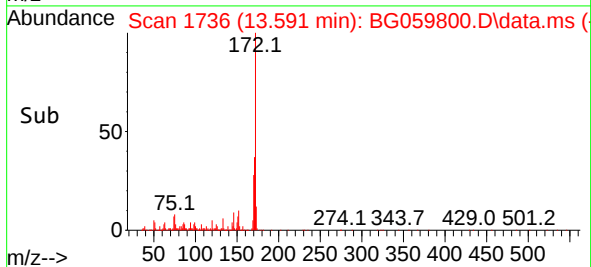
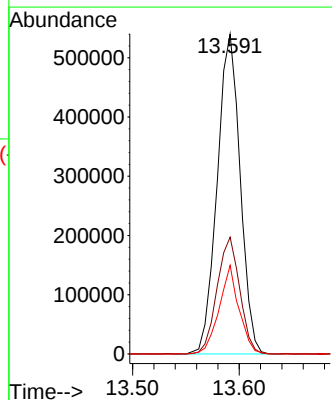
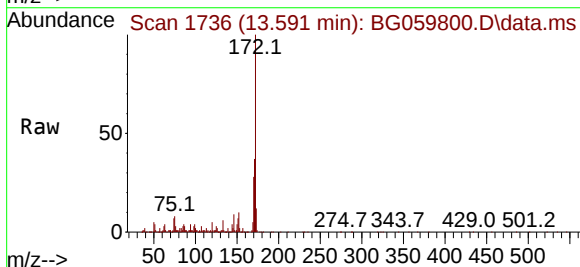
Instrument :
BNA_G
ClientSampleId :
72-11985

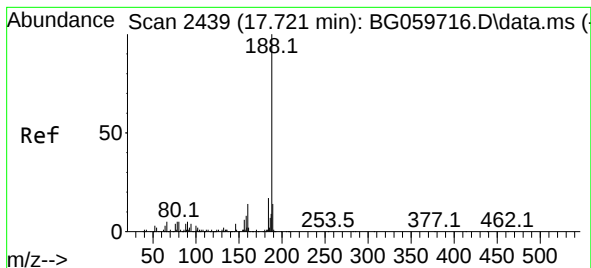
Tgt Ion:330 Resp: 238819
Ion Ratio Lower Upper
330 100
332 98.4 73.3 109.9
141 62.5 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 99.879 ng
RT: 13.591 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG059800.D
Acq: 21 Nov 2023 20:24

Tgt Ion:172 Resp: 806874
Ion Ratio Lower Upper
172 100
171 36.5 27.7 41.5
170 27.7 18.4 27.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.716 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BG059800.D

Acq: 21 Nov 2023 20:24

Instrument :

BNA_G

ClientSampleId :

72-11985

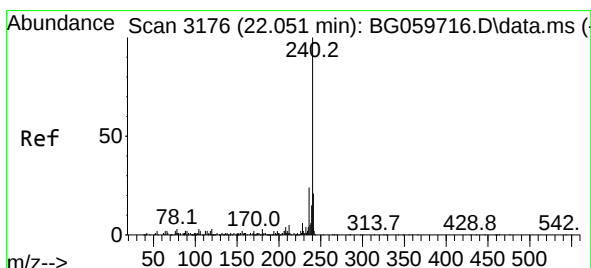
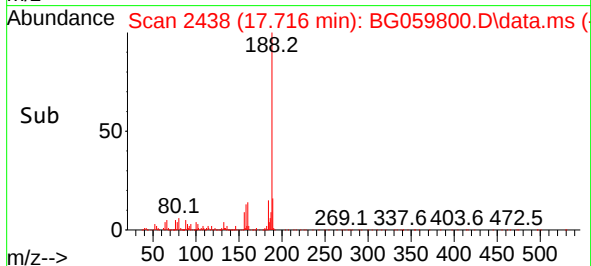
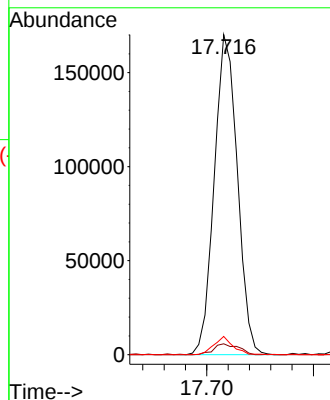
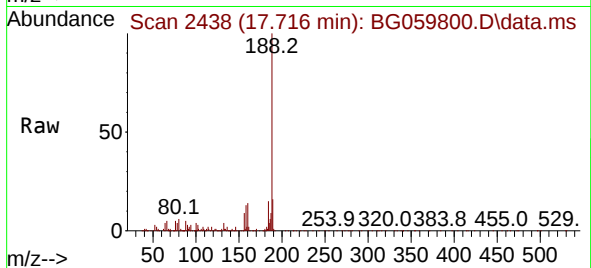
Tgt Ion:188 Resp: 255633

Ion Ratio Lower Upper

188 100

94 3.4 3.0 4.4

80 5.7 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.040 min Scan# 3174

Delta R.T. -0.011 min

Lab File: BG059800.D

Acq: 21 Nov 2023 20:24

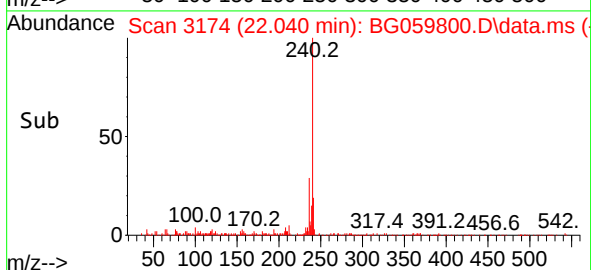
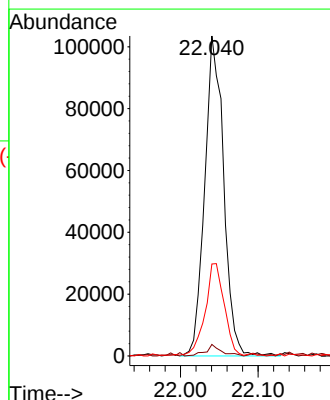
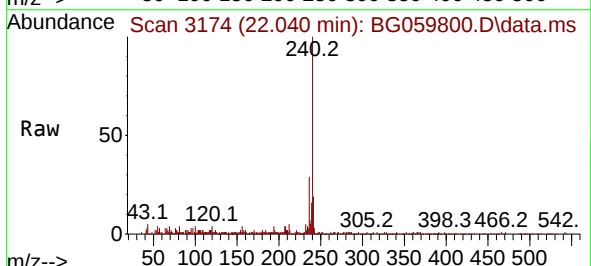
Tgt Ion:240 Resp: 175986

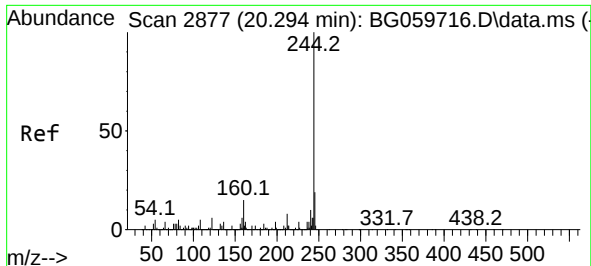
Ion Ratio Lower Upper

240 100

120 3.6 2.2 3.2#

236 28.8 19.4 29.2

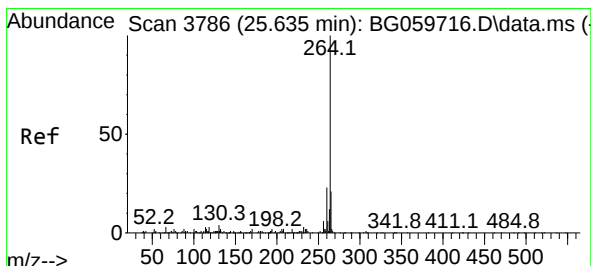
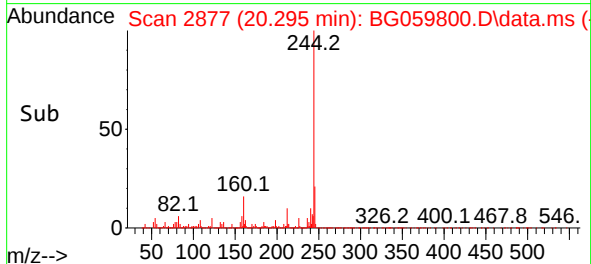
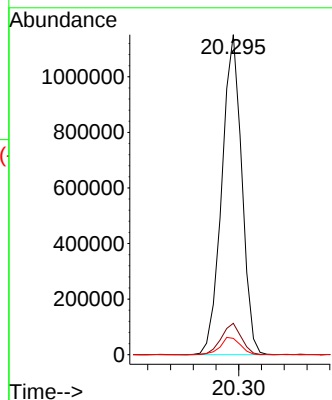
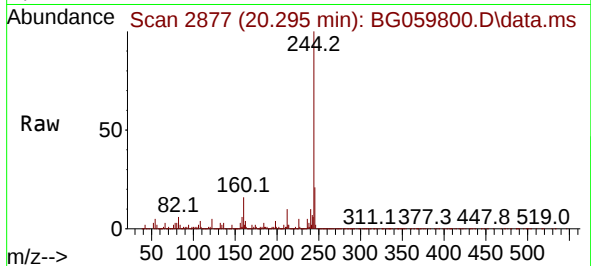




#79
 Terphenyl-d14
 Concen: 117.854 ng
 RT: 20.295 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG059800.D
 Acq: 21 Nov 2023 20:24

Instrument :
 BNA_G
 ClientSampleId :
 72-11985

Tgt Ion:244 Resp: 1404962
 Ion Ratio Lower Upper
 244 100
 212 9.8 6.6 10.0
 122 5.1 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.624 min Scan# 3784
 Delta R.T. -0.011 min
 Lab File: BG059800.D
 Acq: 21 Nov 2023 20:24

Tgt Ion:264 Resp: 142407
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 17.0 17.0 25.6#

