

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059888.D
 Acq On : 25 Nov 2023 12:37
 Operator : MA/JU
 Sample : 05447-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2

Quant Time: Nov 27 03:20:58 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	25664	20.000	ng	# 0.00
21) Naphthalene-d8	11.167	136	120106	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	84045	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	178265	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	148154	20.000	ng	#-0.01
86) Perylene-d12	25.585	264	156831	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	170457	111.792	ng	0.00
7) Phenol-d6	7.442	99	241544	106.899	ng	0.00
23) Nitrobenzene-d5	9.516	82	195286	62.098	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	96701	101.407	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	434602	69.605	ng	0.00
79) Terphenyl-d14	20.274	244	609398	60.722	ng	0.00

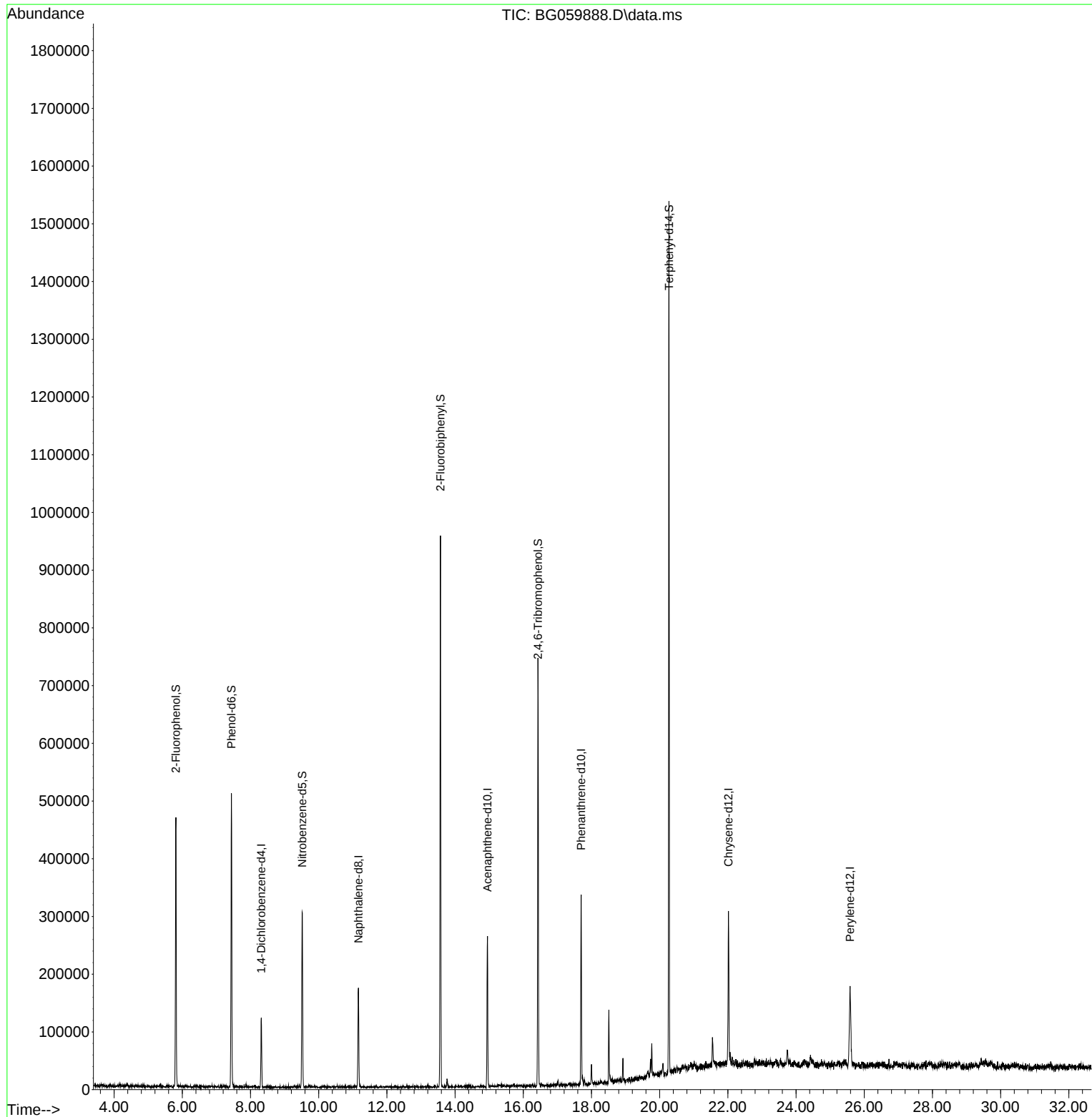
Target Compounds	Qvalue

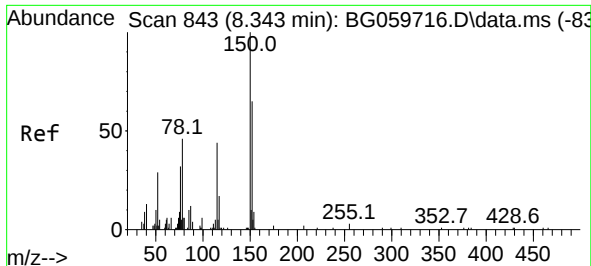
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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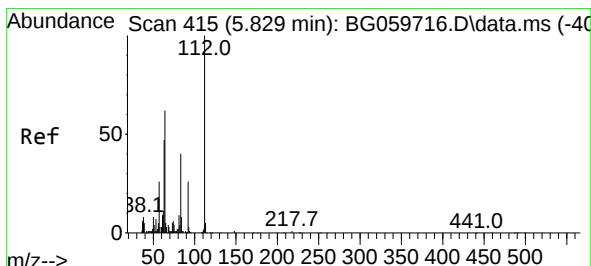
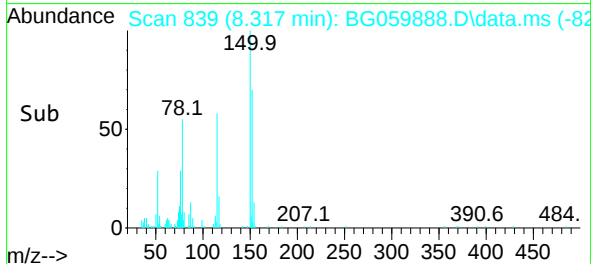
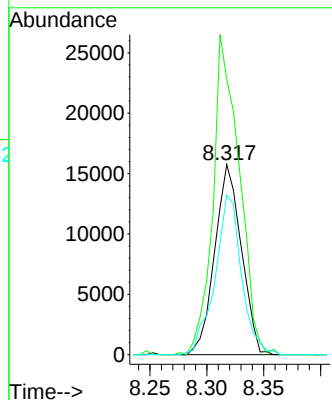
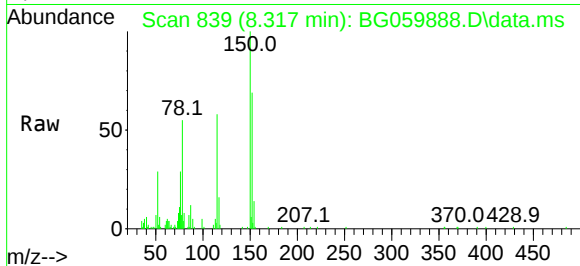




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

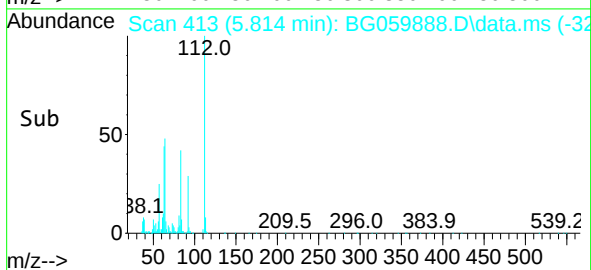
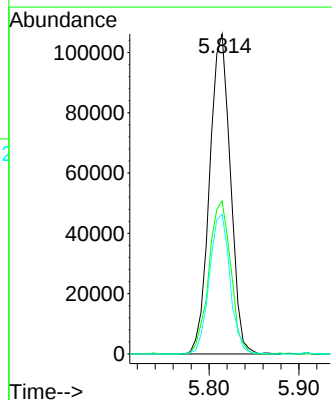
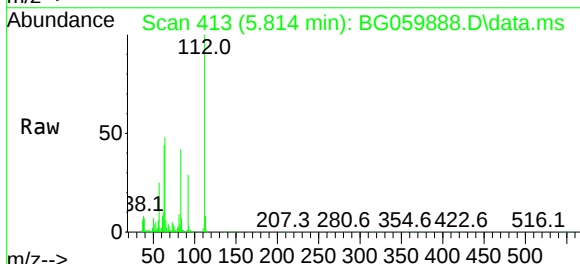
Instrument :
BNA_G
ClientSampleId :
SP2

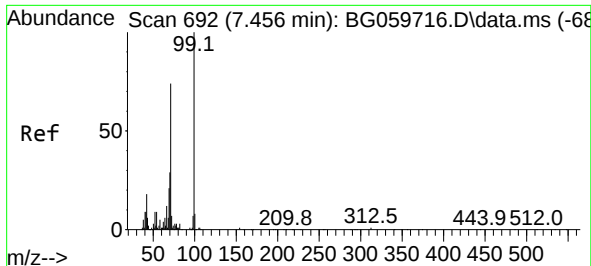
Tgt Ion:152 Resp: 25664
Ion Ratio Lower Upper
152 100
150 144.9 122.2 183.4
115 83.9 54.2 81.4#



#5
2-Fluorophenol
Concen: 111.792 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:112 Resp: 170457
Ion Ratio Lower Upper
112 100
64 47.9 49.5 74.3#
63 43.6 37.4 56.2

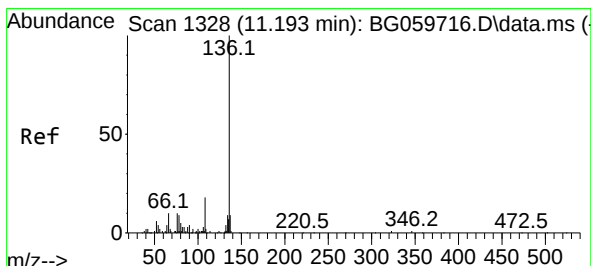
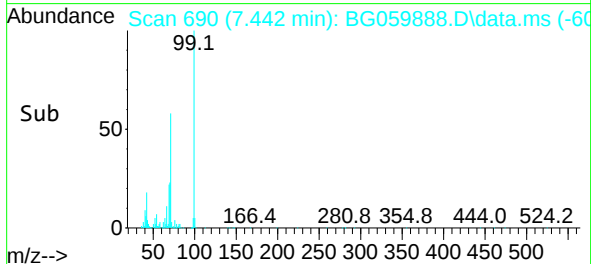
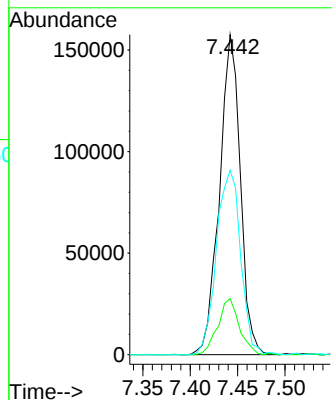
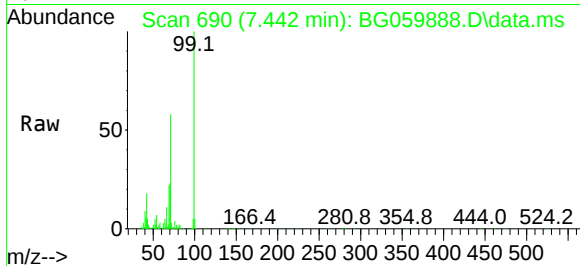




#7
Phenol-d6
Concen: 106.899 ng
RT: 7.442 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

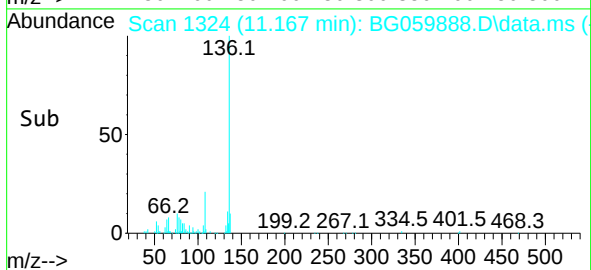
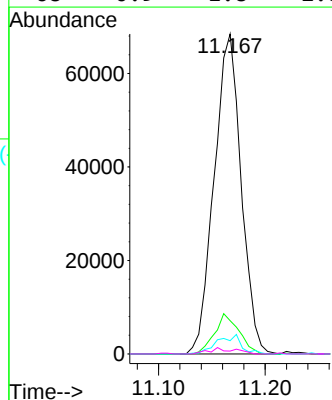
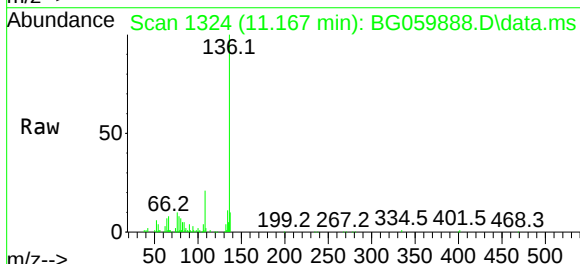
Instrument :
BNA_G
ClientSampleId :
SP2

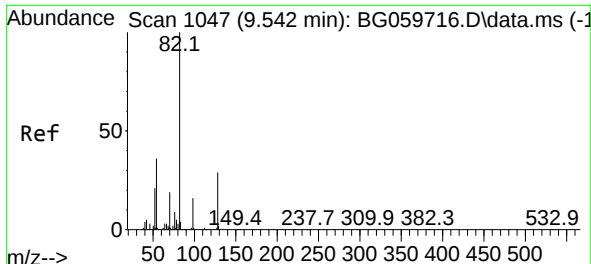
Tgt Ion: 99 Resp: 241544
Ion Ratio Lower Upper
99 100
42 17.6 14.3 21.5
71 57.6 59.3 88.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion: 136 Resp: 120106
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.0
54 4.2 3.1 4.7
68 0.9 1.8 2.8#

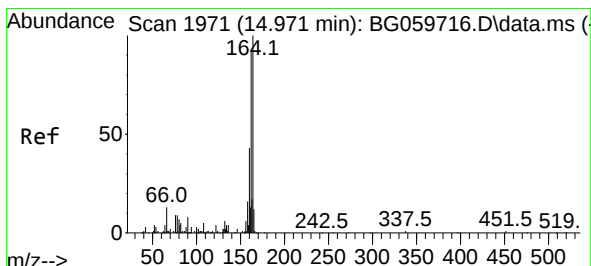
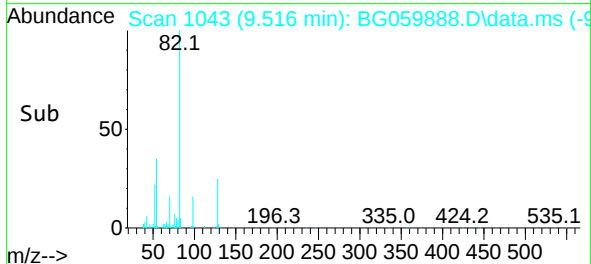
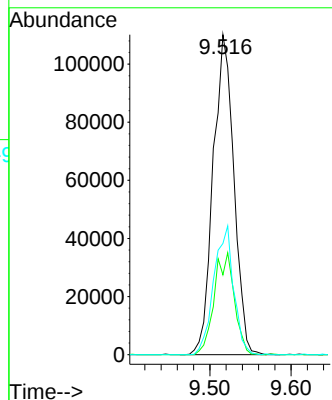
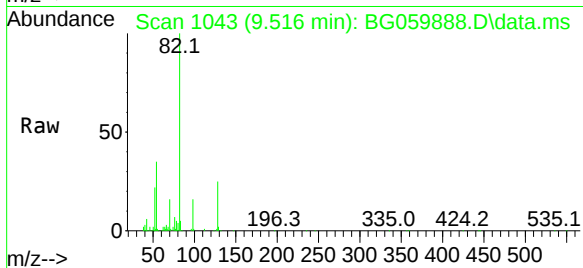




#23
Nitrobenzene-d5
Concen: 62.098 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

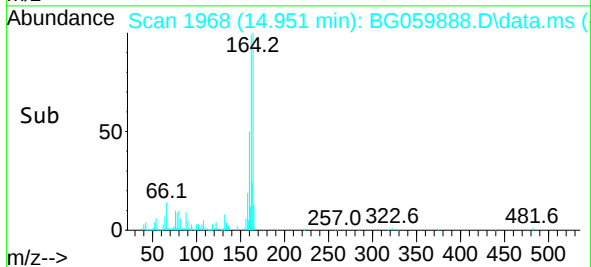
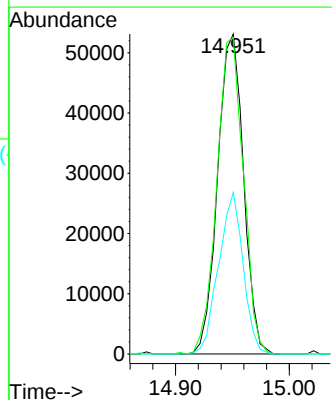
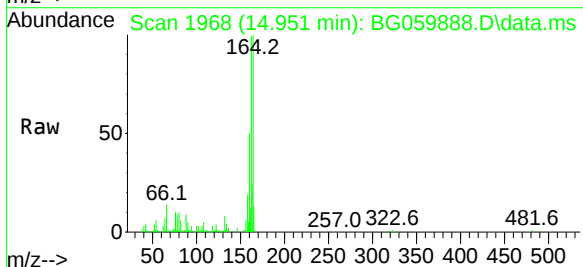
Instrument :
BNA_G
ClientSampleId :
SP2

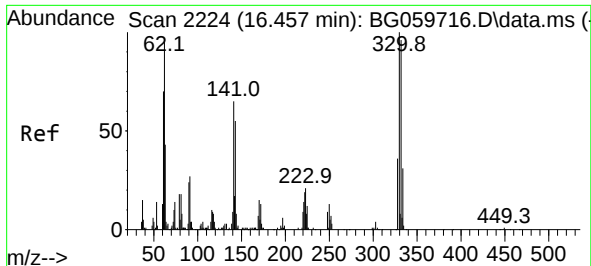
Tgt Ion: 82 Resp: 195286
Ion Ratio Lower Upper
82 100
128 24.9 23.0 34.6
54 34.7 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:164 Resp: 84045
Ion Ratio Lower Upper
164 100
162 98.9 73.3 109.9
160 50.5 34.1 51.1

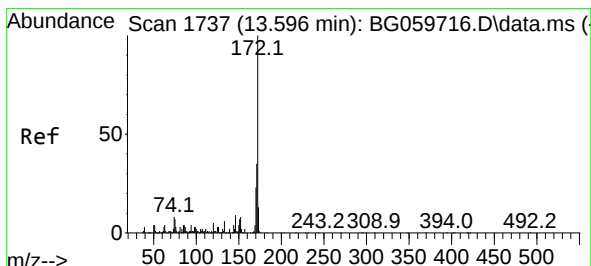
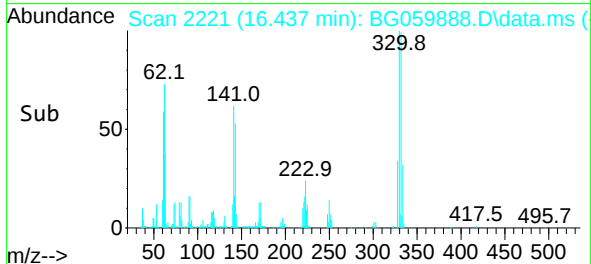
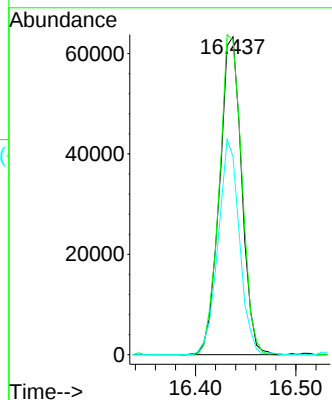
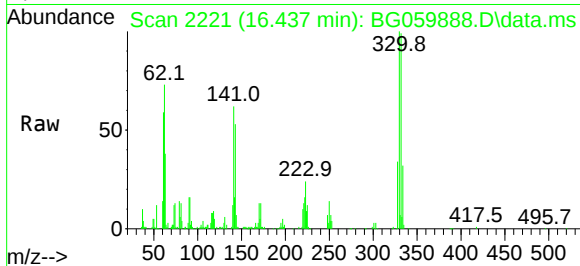




#42
2,4,6-Tribromophenol
Concen: 101.407 ng
RT: 16.437 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

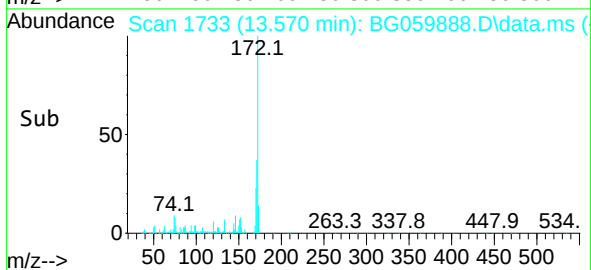
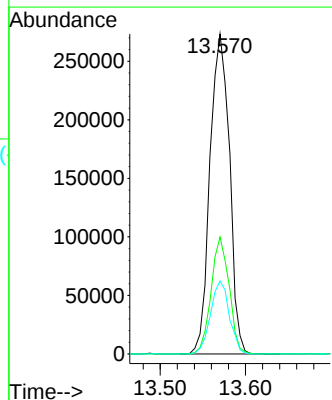
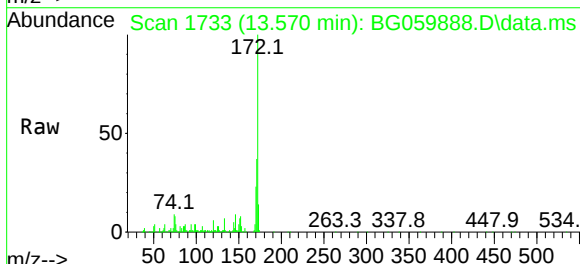
Instrument :
BNA_G
ClientSampleId :
SP2

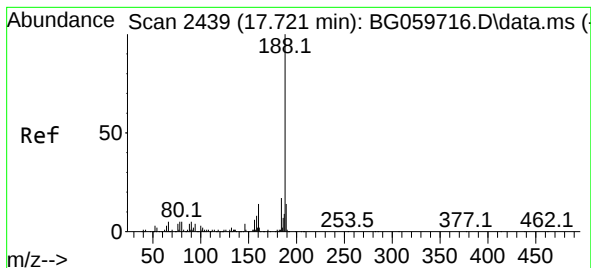
Tgt Ion:330 Resp: 96701
Ion Ratio Lower Upper
330 100
332 102.6 73.3 109.9
141 65.5 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 69.605 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.009 min
Lab File: BG059888.D
Acq: 25 Nov 2023 12:37

Tgt Ion:172 Resp: 434602
Ion Ratio Lower Upper
172 100
171 36.6 27.7 41.5
170 22.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG059888.D

Acq: 25 Nov 2023 12:37

Instrument :

BNA_G

ClientSampleId :

SP2

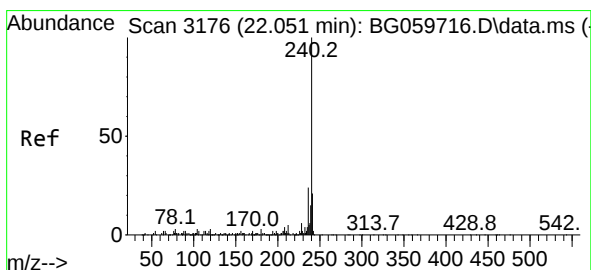
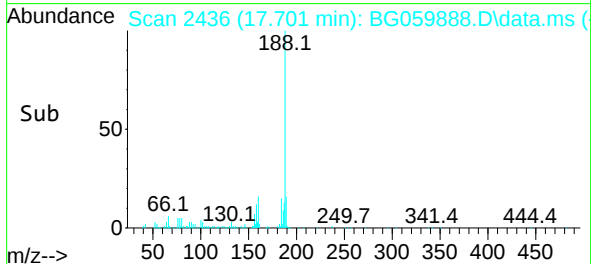
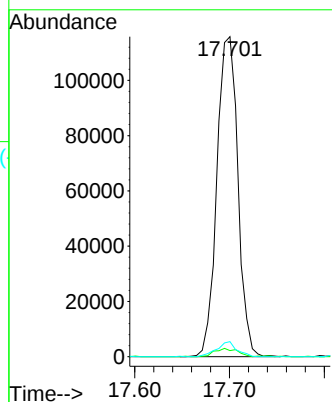
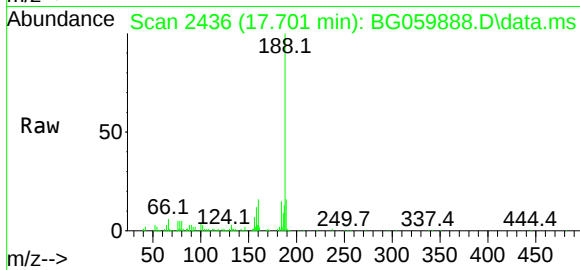
Tgt Ion:188 Resp: 178265

Ion Ratio Lower Upper

188 100

94 1.9 3.0 4.4#

80 4.7 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: BG059888.D

Acq: 25 Nov 2023 12:37

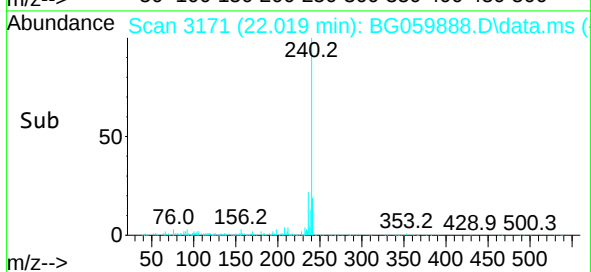
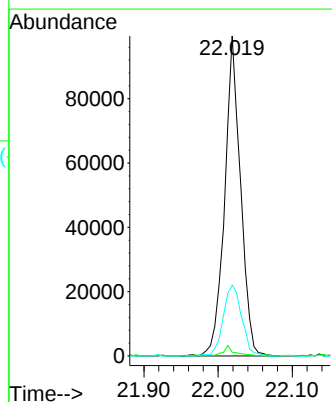
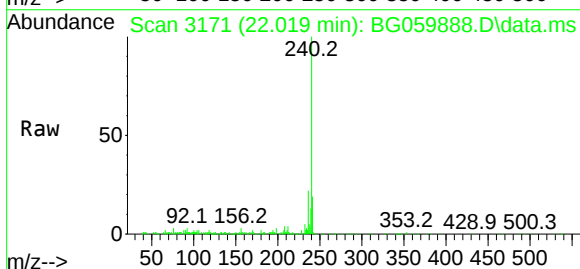
Tgt Ion:240 Resp: 148154

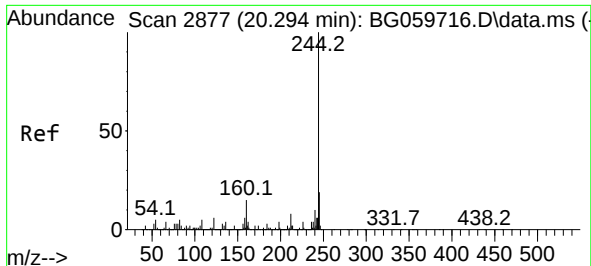
Ion Ratio Lower Upper

240 100

120 1.2 2.2 3.2#

236 22.1 19.4 29.2

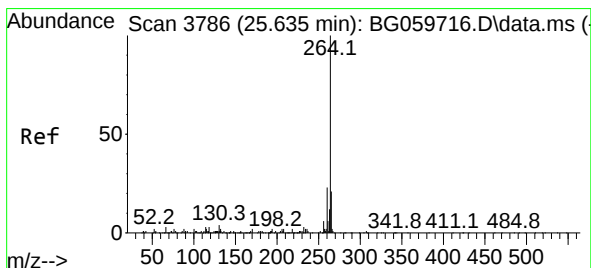
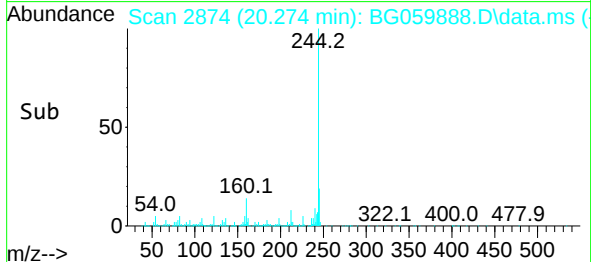
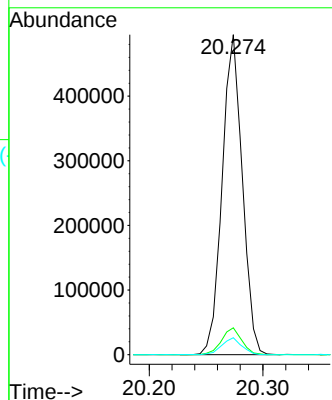
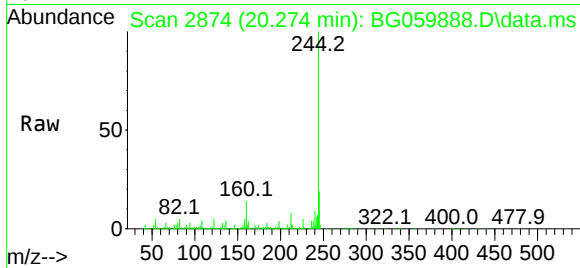




#79
 Terphenyl-d14
 Concen: 60.722 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG059888.D
 Acq: 25 Nov 2023 12:37

Instrument :
 BNA_G
 ClientSampleId :
 SP2

Tgt Ion:244 Resp: 609398
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.585 min Scan# 3778
 Delta R.T. -0.027 min
 Lab File: BG059888.D
 Acq: 25 Nov 2023 12:37

Tgt Ion:264 Resp: 156831
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 16.6 17.0 25.6#

