

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059729.D
 Acq On : 17 Nov 2023 12:44
 Operator : MA/JU
 Sample : PB157066BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157066BL

Quant Time: Nov 20 16:02:23 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	8.338	152	29713	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	129626	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	103173	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	257852	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	241117	20.000	ng	0.00
86) Perylene-d12	25.635	264	296660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	239270	135.538	ng	0.00
7) Phenol-d6	7.462	99	345098	131.916	ng	0.00
23) Nitrobenzene-d5	9.542	82	306857	90.410	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	183333	156.611	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	653318	85.235	ng	0.00
79) Terphenyl-d14	20.294	244	1430720	87.596	ng	0.00

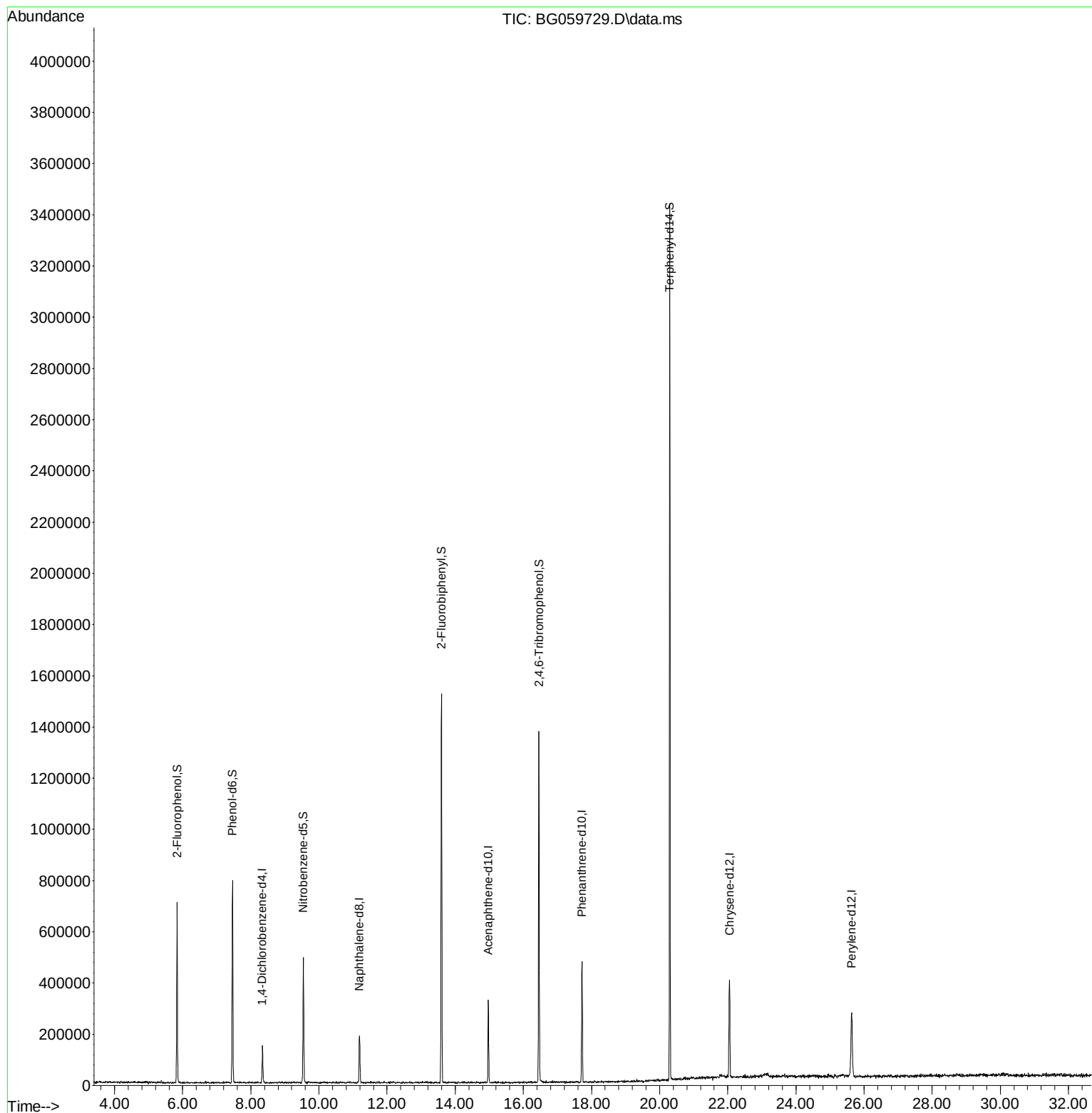
Target Compounds	Qvalue

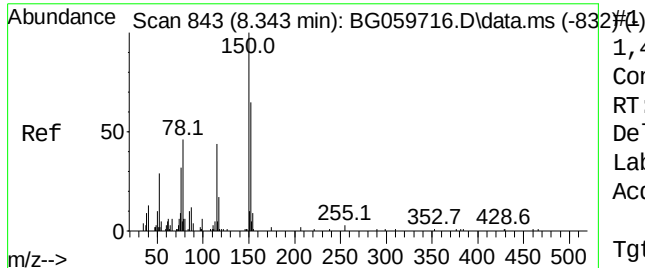
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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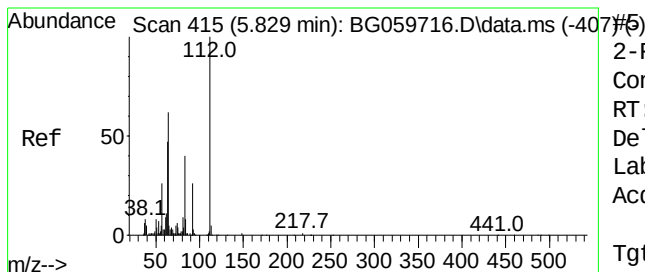
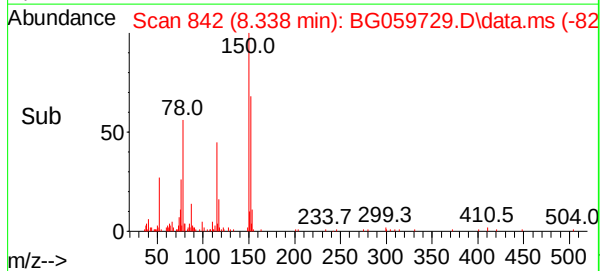
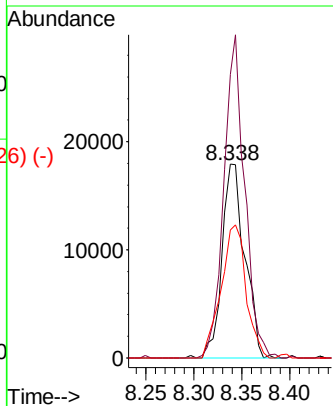
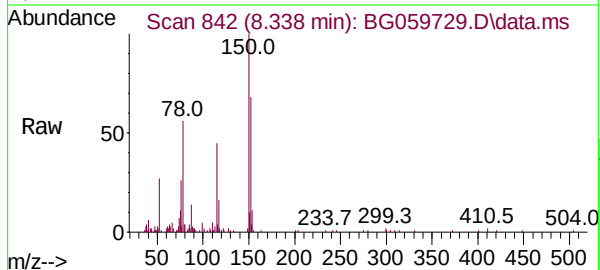




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 843
Delta R.T. -0.005 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

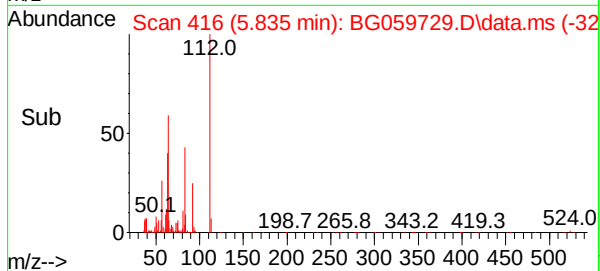
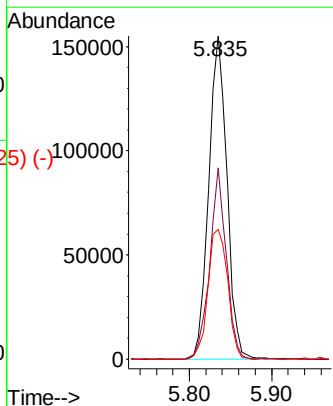
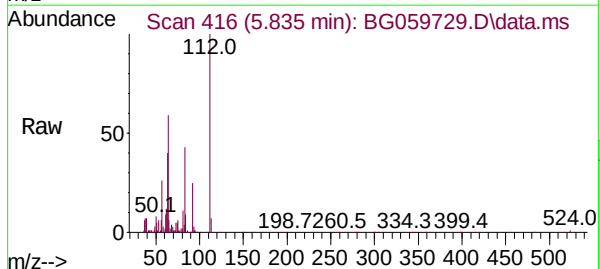
Instrument :
BNA_G
ClientSampleId :
PB157066BL

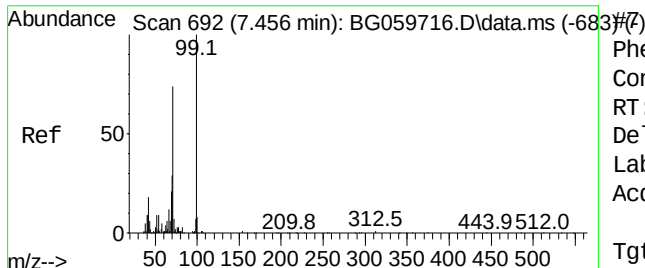
Tgt Ion:	152	Resp:	29713
Ion	Ratio	Lower	Upper
152	100		
150	146.4	122.2	183.4
115	66.0	54.2	81.4



2-Fluorophenol
Concen: 135.538 ng
RT: 5.835 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

Tgt Ion:	112	Resp:	239270
Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.5	74.3
63	40.2	37.4	56.2

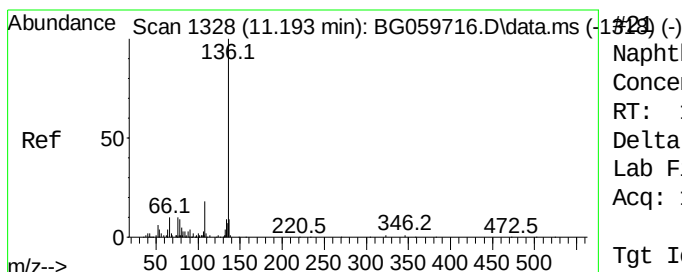
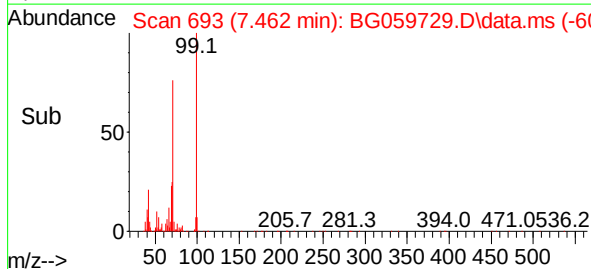
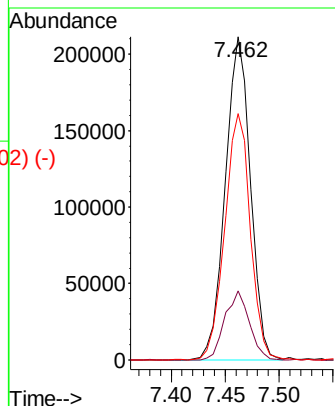
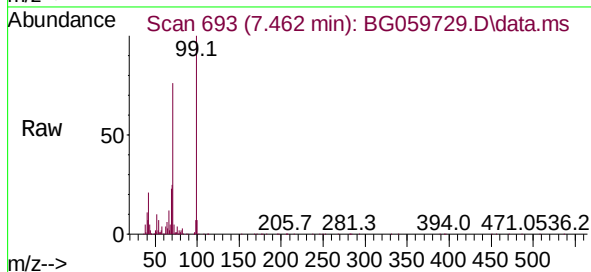




Phenol-d6
 Concen: 131.916 ng
 RT: 7.462 min Scan# 1327
 Delta R.T. 0.006 min
 Lab File: BG059729.D
 Acq: 17 Nov 2023 12:44

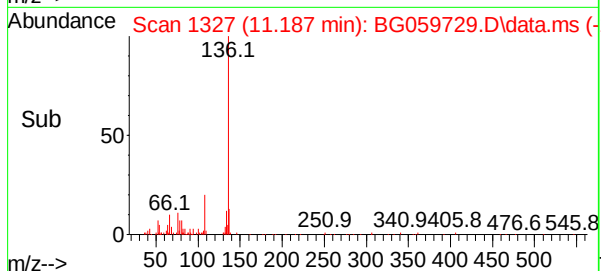
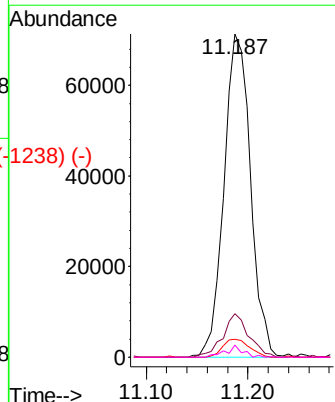
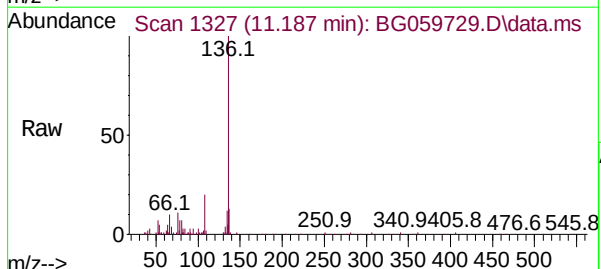
Instrument :
 BNA_G
 ClientSampleId :
 PB157066BL

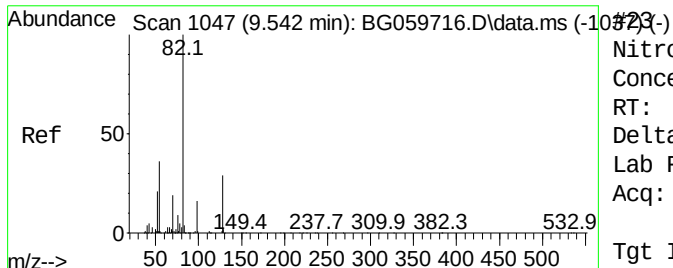
Tgt Ion:	99	Resp:	345098
Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.3	21.5
71	76.3	59.3	88.9



Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.187 min Scan# 1327
 Delta R.T. -0.006 min
 Lab File: BG059729.D
 Acq: 17 Nov 2023 12:44

Tgt Ion:	136	Resp:	129626
Ion	Ratio	Lower	Upper
136	100		
137	13.4	7.4	11.0#
54	5.5	3.1	4.7#
68	3.8	1.8	2.8#





Nitrobenzene-d5

Concen: 90.410 ng

RT: 9.542 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

Instrument :

BNA_G

ClientSampleId :

PB157066BL

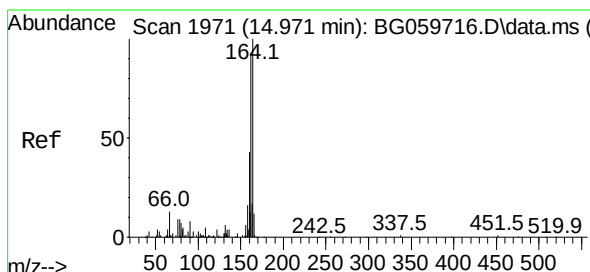
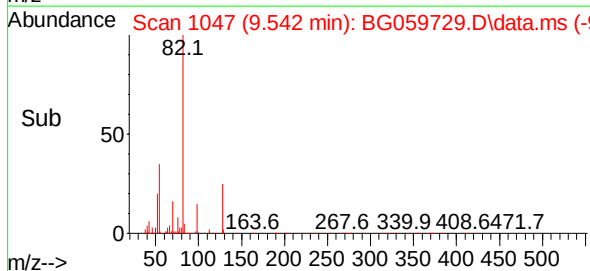
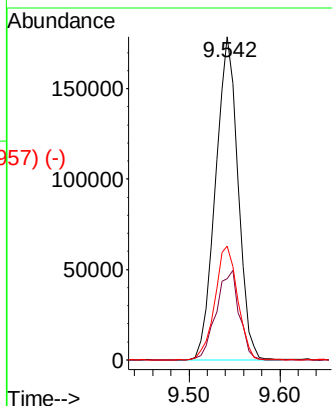
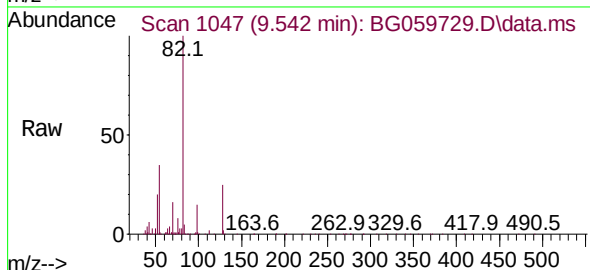
Tgt Ion: 82 Resp: 306857

Ion Ratio Lower Upper

82 100

128 25.2 23.0 34.6

54 35.3 28.7 43.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.971 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

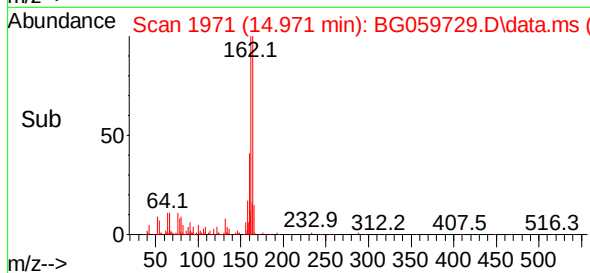
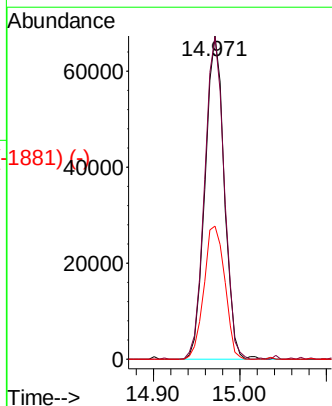
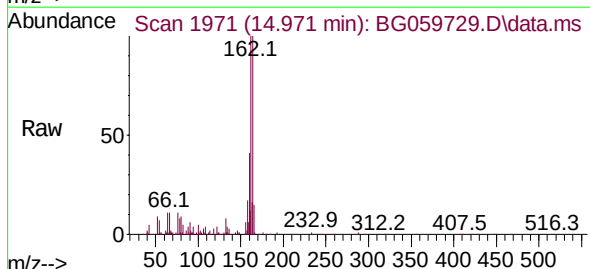
Tgt Ion:164 Resp: 103173

Ion Ratio Lower Upper

164 100

162 99.8 73.3 109.9

160 41.1 34.1 51.1



Abundance Scan 2224 (16.457 min): BG059716.D\data.ms (-2112) (-)

2,4,6-Tribromophenol

Concen: 156.611 ng

RT: 16.458 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BG059729.D

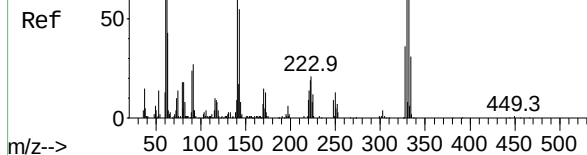
Acq: 17 Nov 2023 12:44

Instrument :

BNA_G

ClientSampleId :

PB157066BL



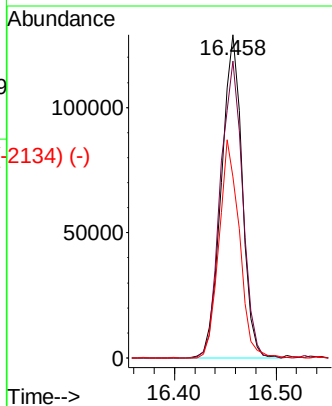
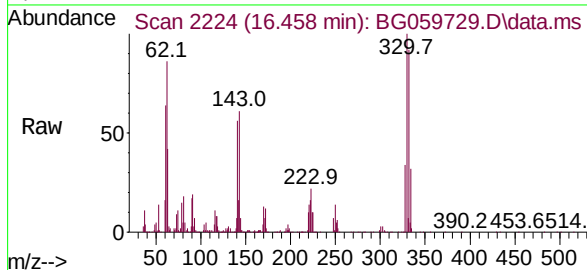
Tgt Ion:330 Resp: 183333

Ion Ratio Lower Upper

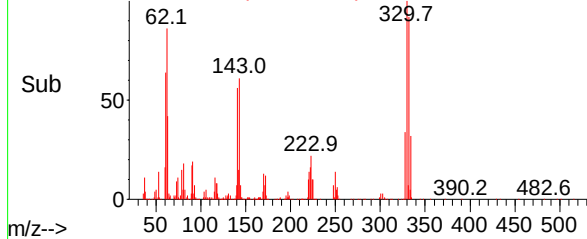
330 100

332 97.9 73.3 109.9

141 66.1 52.1 78.1



Abundance Scan 2224 (16.458 min): BG059729.D\data.ms (-2134) (-)



Abundance Scan 1737 (13.596 min): BG059716.D\data.ms (-1745) (-)

2-Fluorobiphenyl

Concen: 85.235 ng

RT: 13.596 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

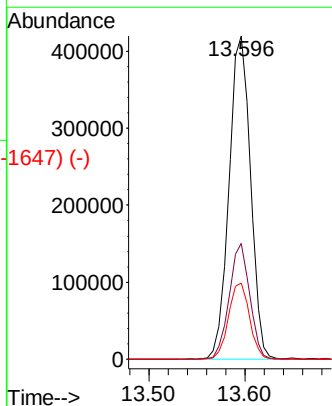
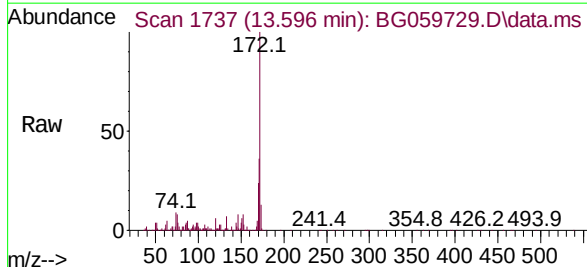
Tgt Ion:172 Resp: 653318

Ion Ratio Lower Upper

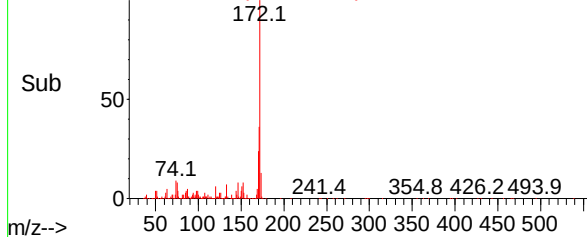
172 100

171 35.9 27.7 41.5

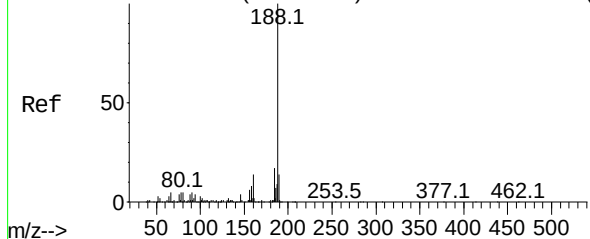
170 23.6 18.4 27.6



Abundance Scan 1737 (13.596 min): BG059729.D\data.ms (-1647) (-)



Abundance Scan 2439 (17.721 min): BG059716.D\data.ms (-2439) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.721 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

Instrument :

BNA_G

ClientSampleId :

PB157066BL

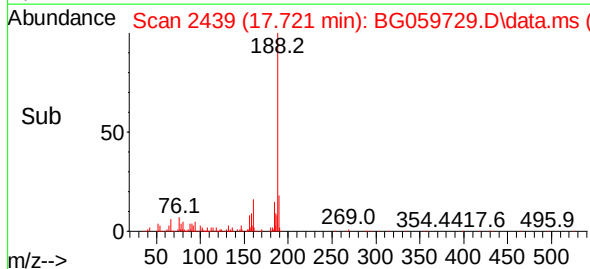
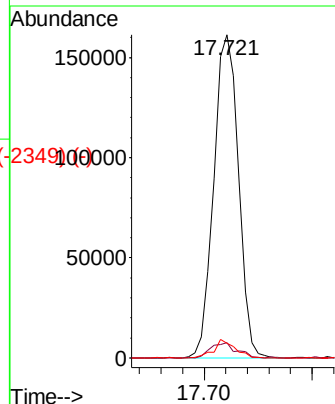
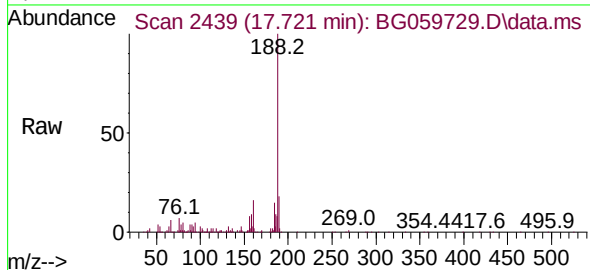
Tgt Ion:188 Resp: 257852

Ion Ratio Lower Upper

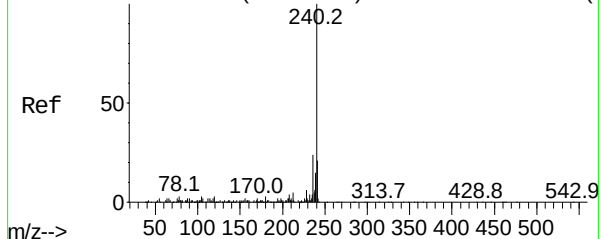
188 100

94 4.7 3.0 4.4#

80 4.5 4.2 6.4



Abundance Scan 3176 (22.051 min): BG059716.D\data.ms (-3176) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 22.051 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

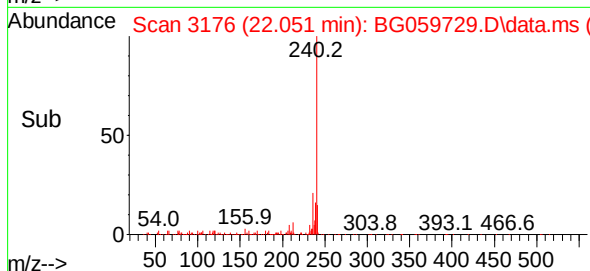
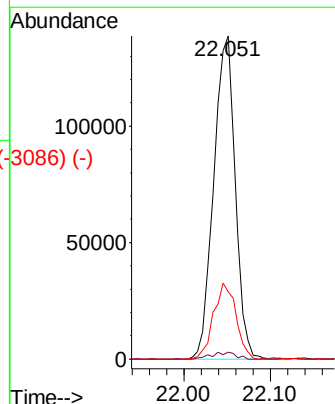
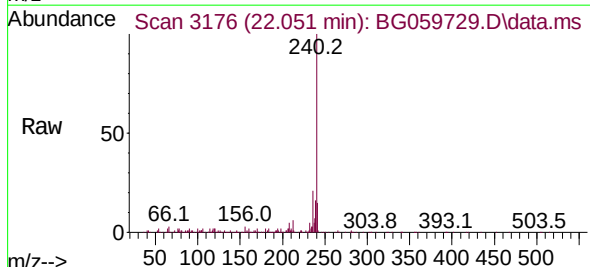
Tgt Ion:240 Resp: 241117

Ion Ratio Lower Upper

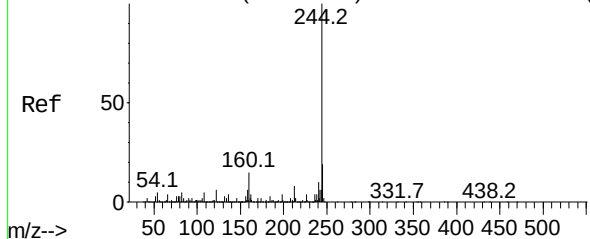
240 100

120 2.2 2.2 3.2

236 20.7 19.4 29.2



Abundance Scan 2877 (20.294 min): BG059716.D\data.ms (-2877) (-)



Terphenyl-d14

Concen: 87.596 ng

RT: 20.294 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

Instrument :

BNA_G

ClientSampleId :

PB157066BL

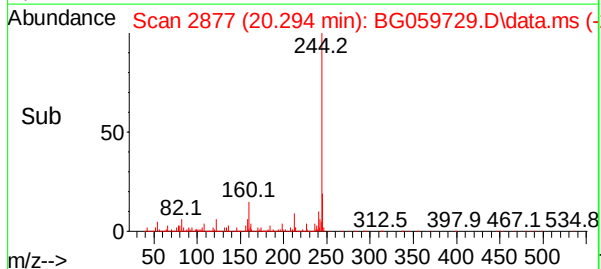
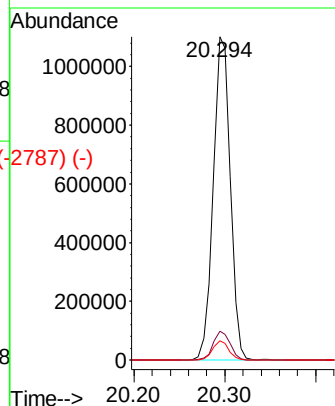
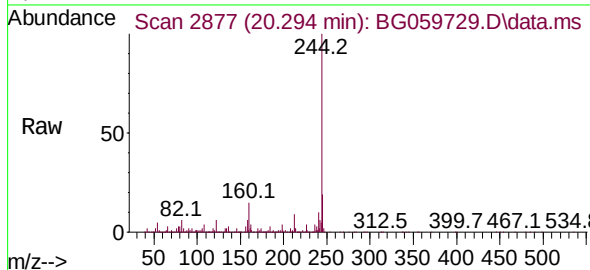
Tgt Ion:244 Resp: 1430720

Ion Ratio Lower Upper

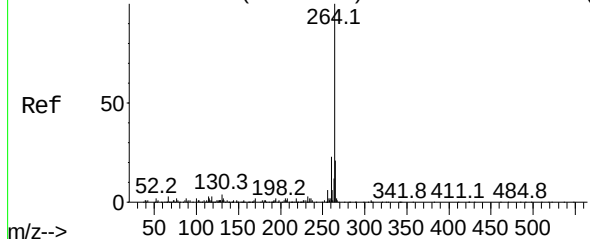
244 100

212 8.8 6.6 10.0

122 6.0 4.4 6.6



Abundance Scan 3786 (25.635 min): BG059716.D\data.ms (-3786) (-)



Perylene-d12

Concen: 20.000 ng

RT: 25.635 min Scan# 3786

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

Tgt Ion:264 Resp: 296660

Ion Ratio Lower Upper

264 100

260 20.2 18.5 27.7

265 22.2 17.0 25.6

