

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059736.D
 Acq On : 17 Nov 2023 18:51
 Operator : MA/JU
 Sample : PB157207BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157207BL

Quant Time: Nov 18 04:18:38 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	8.340	152	20726	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	94392	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	66743	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	174873	20.000	ng	0.00
76) Chrysene-d12	22.042	240	169243	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	254446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	167923	136.369	ng	0.00
7) Phenol-d6	7.459	99	247348	135.548	ng	0.00
23) Nitrobenzene-d5	9.539	82	221532	89.634	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	139808	184.618	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	457391	92.245	ng	0.00
79) Terphenyl-d14	20.291	244	1138626	99.318	ng	0.00

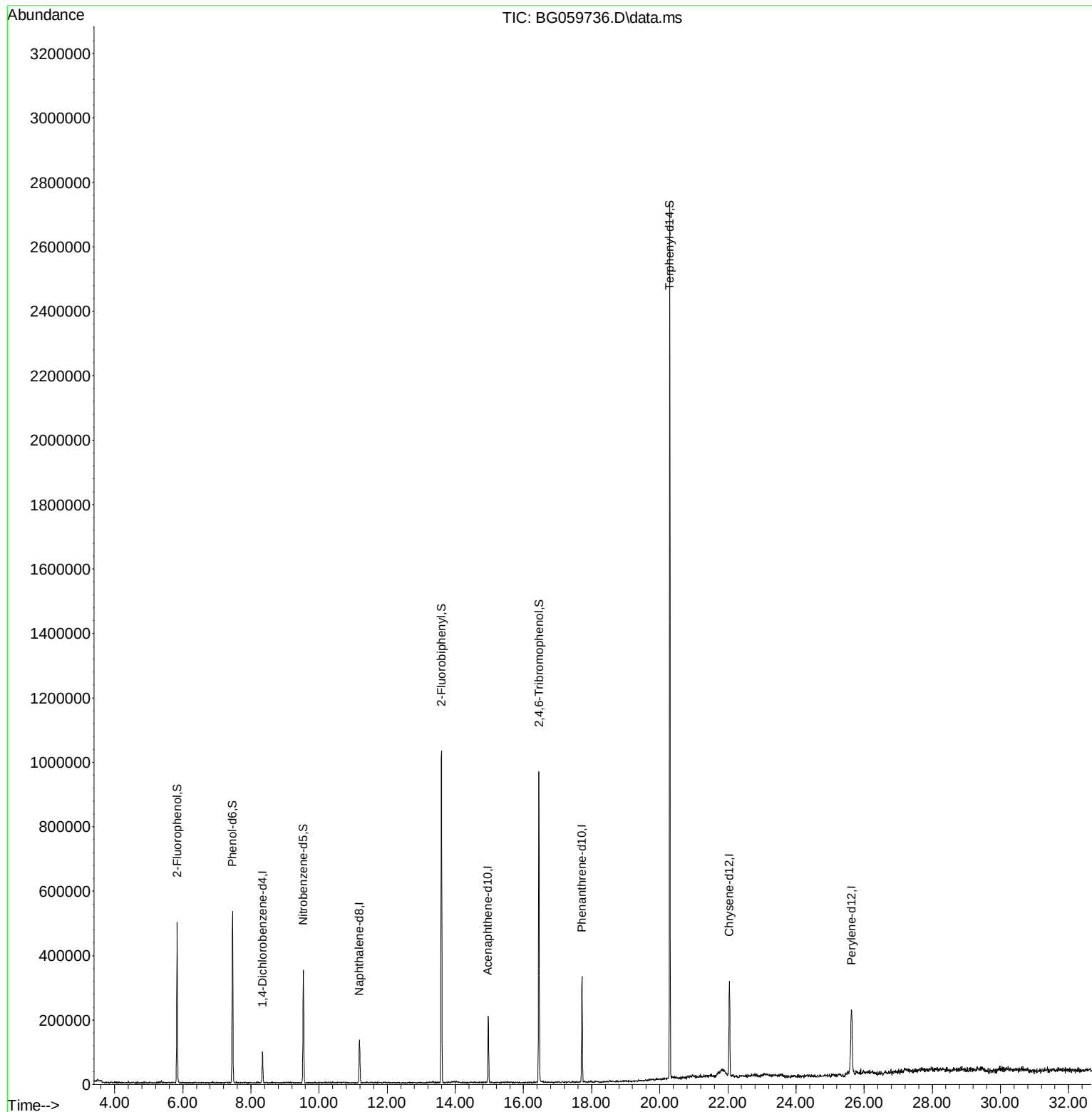
Target Compounds	Qvalue

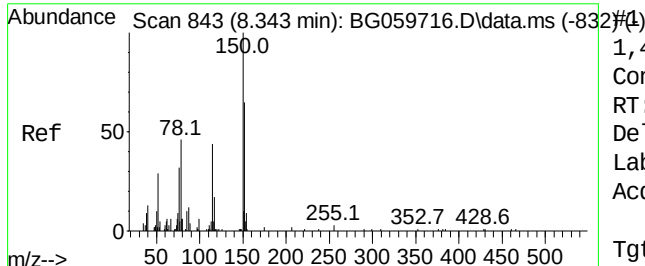
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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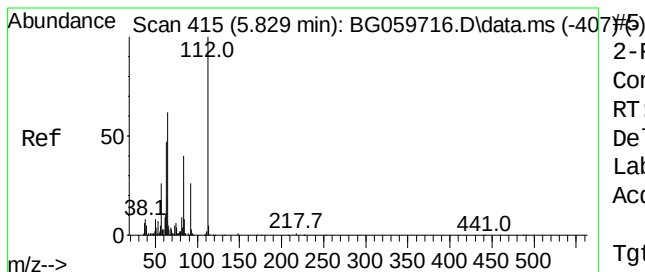
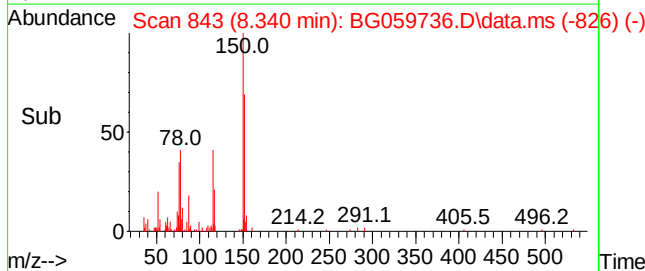
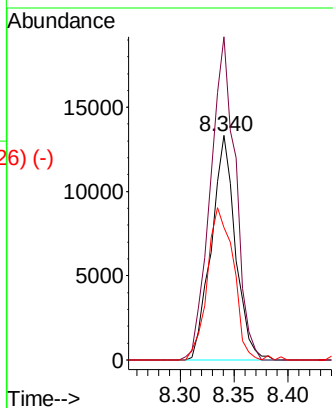
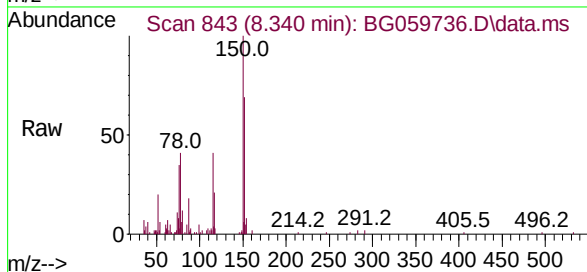




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.340 min Scan# 843
 Delta R.T. -0.003 min
 Lab File: BG059736.D
 Acq: 17 Nov 2023 18:51

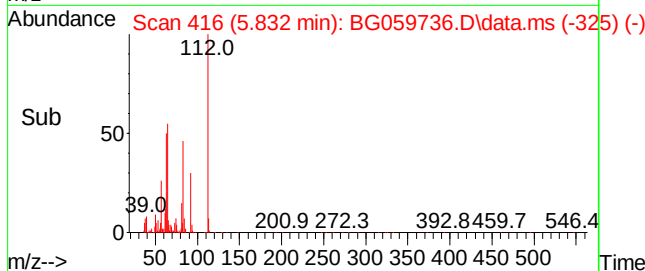
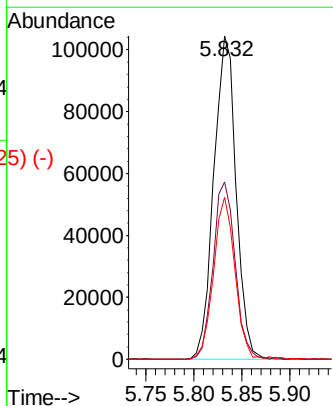
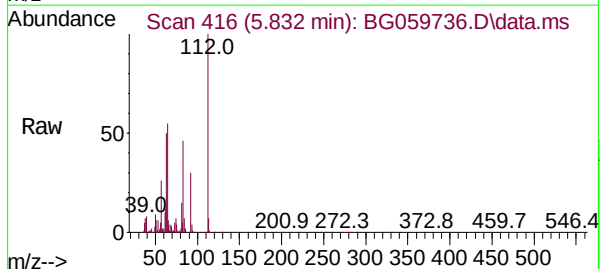
Instrument :
 BNA_G
 ClientSampleId :
 PB157207BL

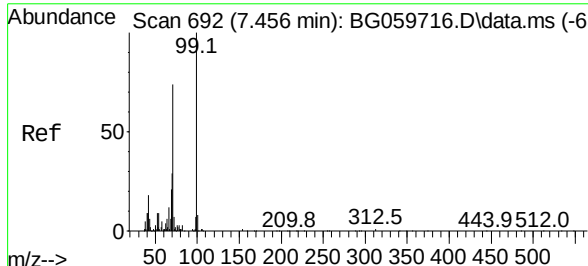
Tgt Ion:	152	Resp:	20726
Ion	Ratio	Lower	Upper
152	100		
150	144.1	122.2	183.4
115	59.1	54.2	81.4



2-Fluorophenol
 Concen: 136.369 ng
 RT: 5.832 min Scan# 416
 Delta R.T. 0.003 min
 Lab File: BG059736.D
 Acq: 17 Nov 2023 18:51

Tgt Ion:	112	Resp:	167923
Ion	Ratio	Lower	Upper
112	100		
64	54.9	49.5	74.3
63	50.0	37.4	56.2

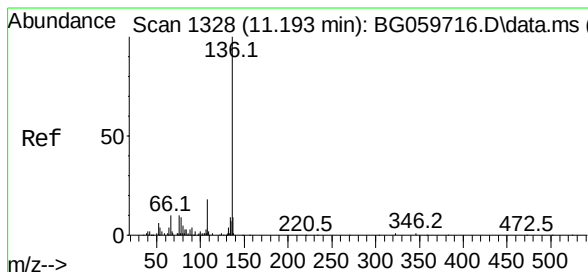
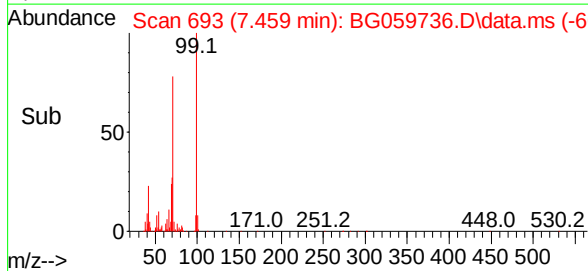
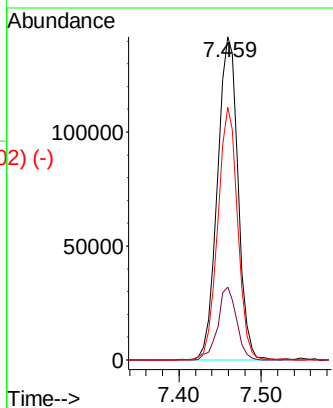
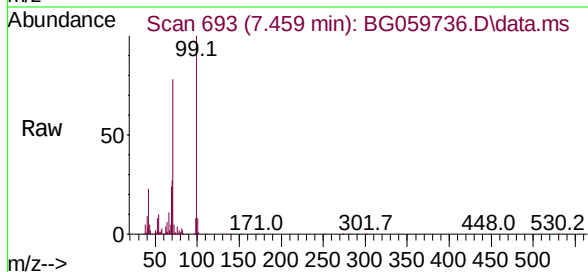




Phenol-d6
 Concen: 135.548 ng
 RT: 7.459 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: BG059736.D
 Acq: 17 Nov 2023 18:51

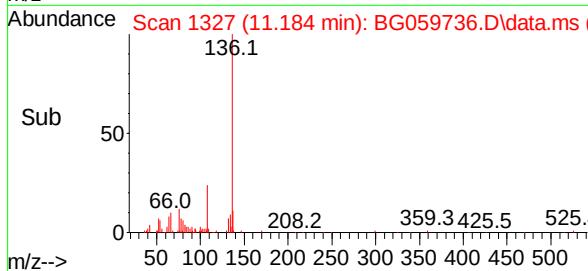
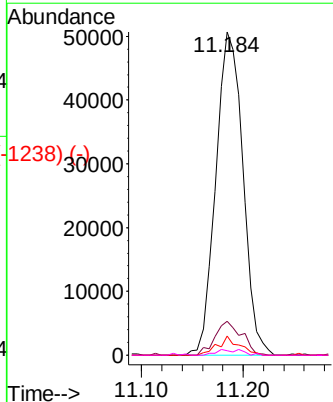
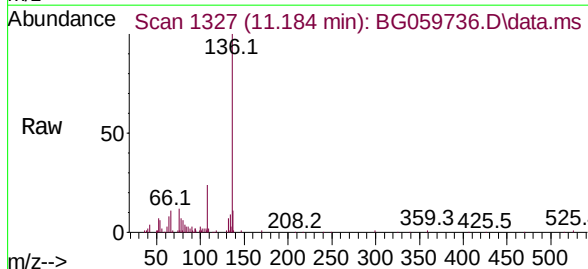
Instrument :
 BNA_G
 ClientSampleId :
 PB157207BL

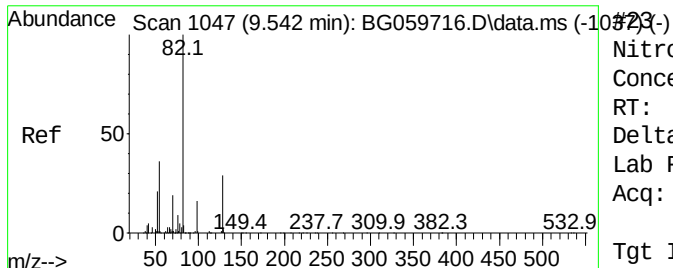
Tgt Ion:	99	Resp:	247348
Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.3	21.5#
71	78.2	59.3	88.9



Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.184 min Scan# 1327
 Delta R.T. -0.009 min
 Lab File: BG059736.D
 Acq: 17 Nov 2023 18:51

Tgt Ion:	136	Resp:	94392
Ion	Ratio	Lower	Upper
136	100		
137	10.5	7.4	11.0
54	5.9	3.1	4.7#
68	1.4	1.8	2.8#





Nitrobenzene-d5

Concen: 89.634 ng

RT: 9.539 min Scan#

Delta R.T. -0.003 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

Instrument :

BNL_G

ClientSampleId :

PB157207BL

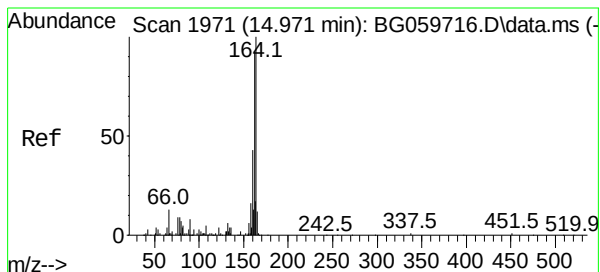
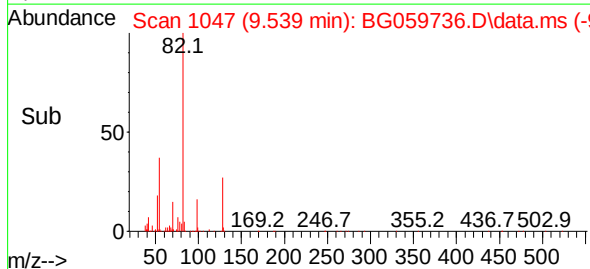
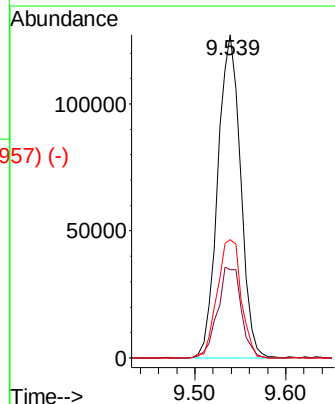
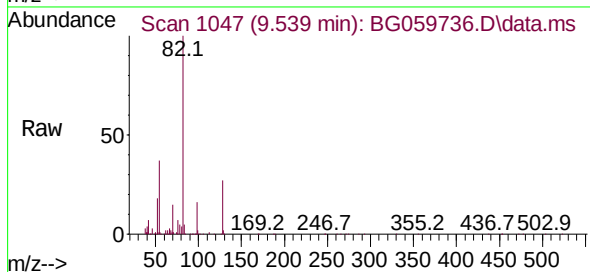
Tgt Ion: 82 Resp: 221532

Ion Ratio Lower Upper

82 100

128 27.3 23.0 34.6

54 36.6 28.7 43.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.962 min Scan# 1970

Delta R.T. -0.009 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

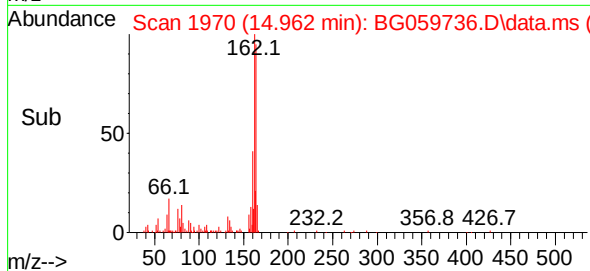
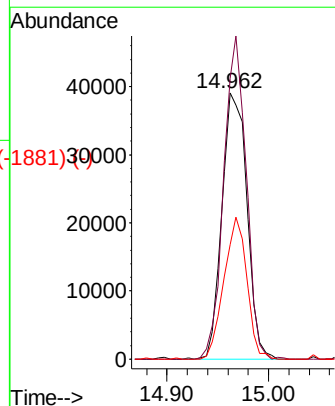
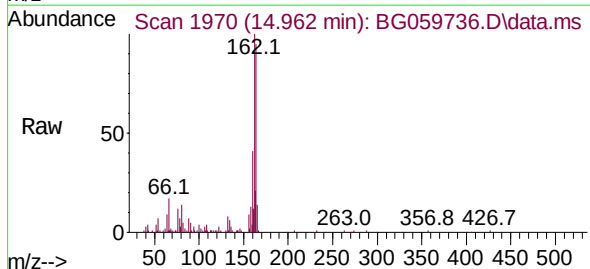
Tgt Ion:164 Resp: 66743

Ion Ratio Lower Upper

164 100

162 105.7 73.3 109.9

160 43.0 34.1 51.1



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

2,4,6-Tribromophenol

Concen: 184.618 ng

RT: 16.454 min Scan# 2112

Delta R.T. -0.003 min

Lab File: BG059736.D

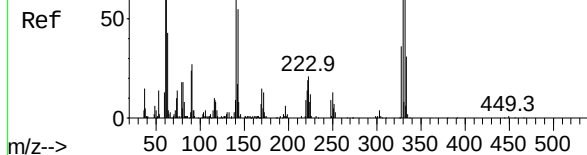
Acq: 17 Nov 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB157207BL



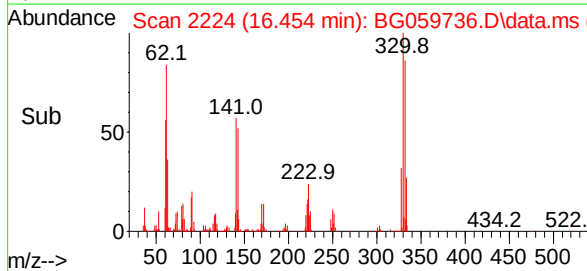
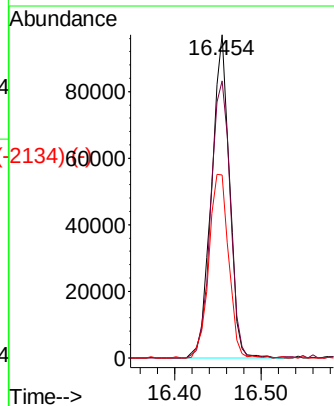
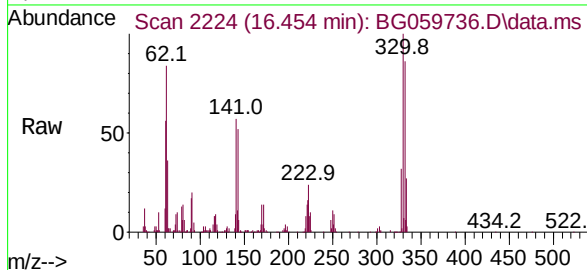
Tgt Ion:330 Resp: 139808

Ion Ratio Lower Upper

330 100

332 93.1 73.3 109.9

141 62.2 52.1 78.1



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

2-Fluorobiphenyl

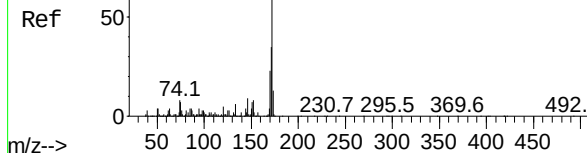
Concen: 92.245 ng

RT: 13.593 min Scan# 1737

Delta R.T. -0.003 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51



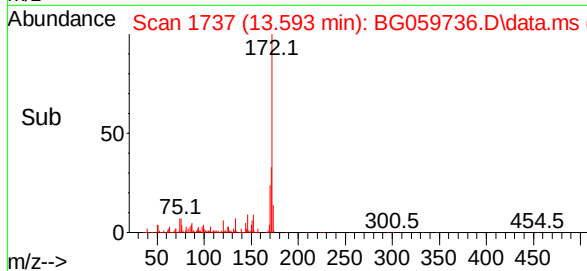
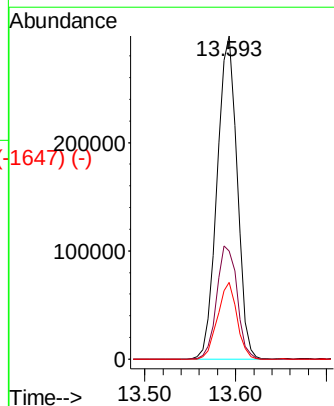
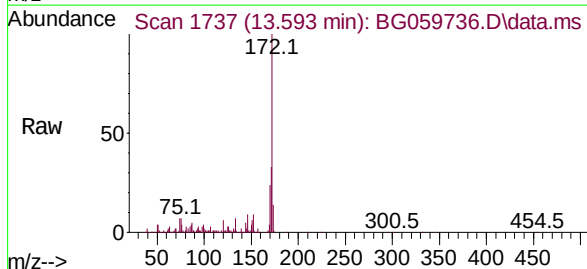
Tgt Ion:172 Resp: 457391

Ion Ratio Lower Upper

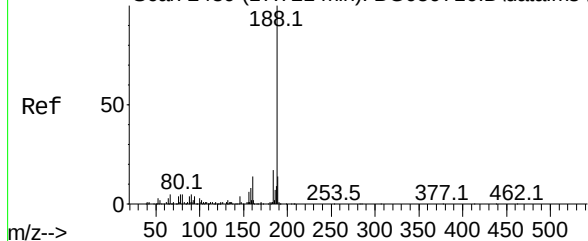
172 100

171 33.4 27.7 41.5

170 23.8 18.4 27.6



Abundance Scan 2439 (17.721 min): BG059716.D\data.ms (-2349) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB157207BL

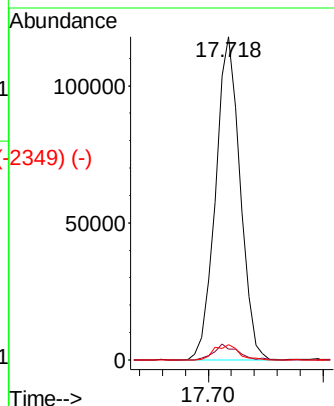
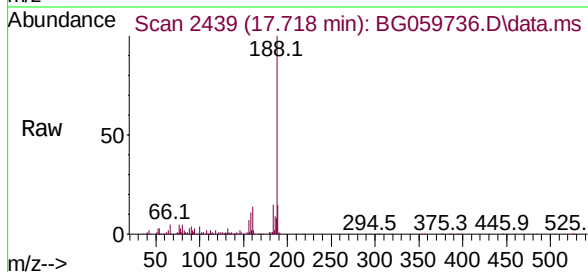
Tgt Ion:188 Resp: 174873

Ion Ratio Lower Upper

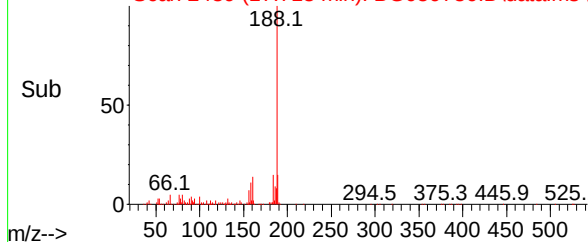
188 100

94 3.4 3.0 4.4

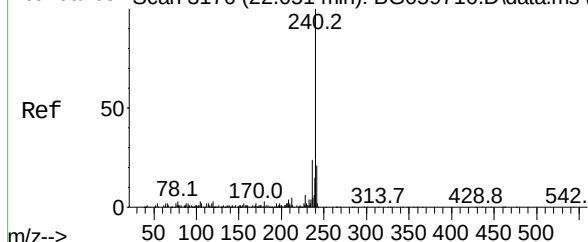
80 4.7 4.2 6.4



Abundance Scan 2439 (17.718 min): BG059736.D\data.ms (-2349) (-)



Abundance Scan 3176 (22.051 min): BG059716.D\data.ms (-3175) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

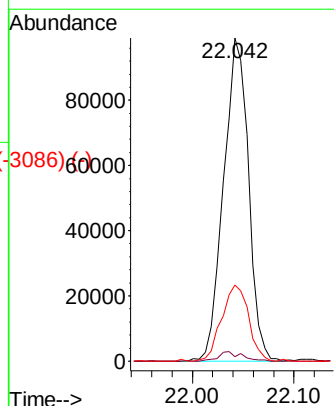
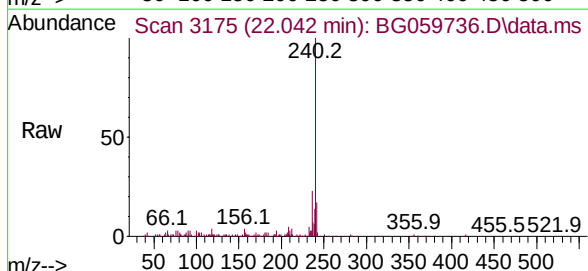
Tgt Ion:240 Resp: 169243

Ion Ratio Lower Upper

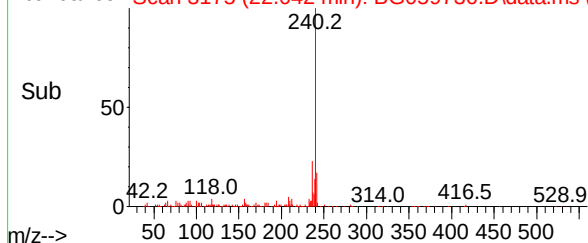
240 100

120 1.4 2.2 3.2#

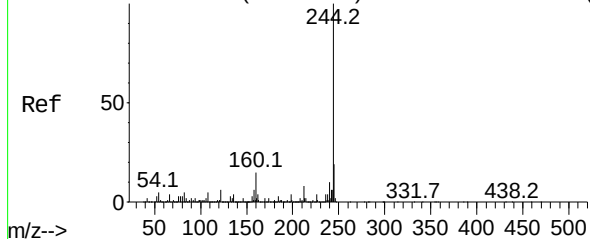
236 23.5 19.4 29.2



Abundance Scan 3175 (22.042 min): BG059736.D\data.ms (-3086) (-)



Abundance Scan 2877 (20.294 min): BG059716.D\data.ms (-2879) (-)



Terphenyl-d14

Concen: 99.318 ng

RT: 20.291 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

Instrument :

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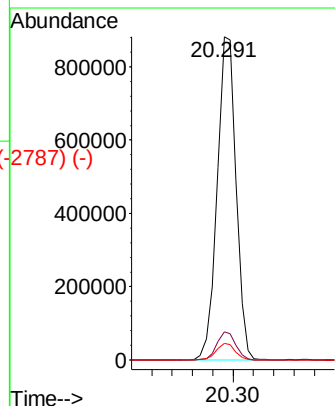
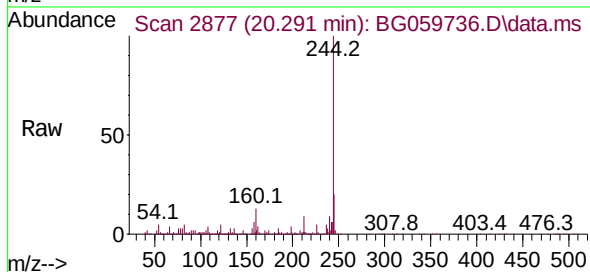
Tgt Ion:244 Resp: 1138626

Ion Ratio Lower Upper

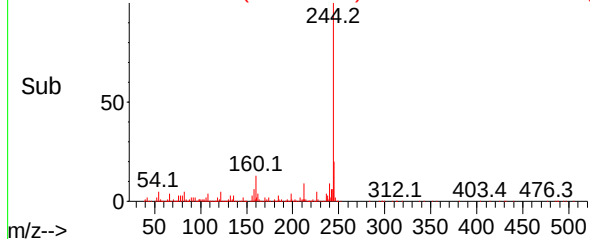
244 100

212 8.8 6.6 10.0

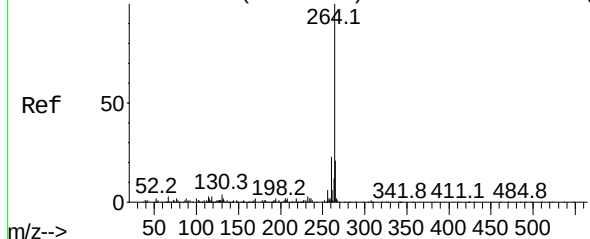
122 5.1 4.4 6.6



Abundance Scan 2877 (20.291 min): BG059736.D\data.ms (-2787) (-)



Abundance Scan 3786 (25.635 min): BG059716.D\data.ms (-3788) (-)



Perylene-d12

Concen: 20.000 ng

RT: 25.626 min Scan# 3785

Delta R.T. -0.009 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

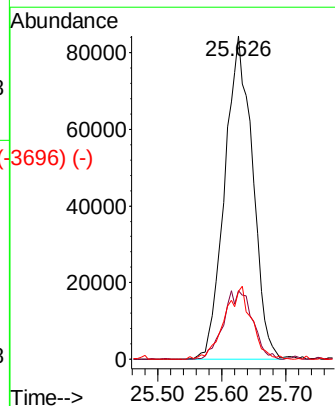
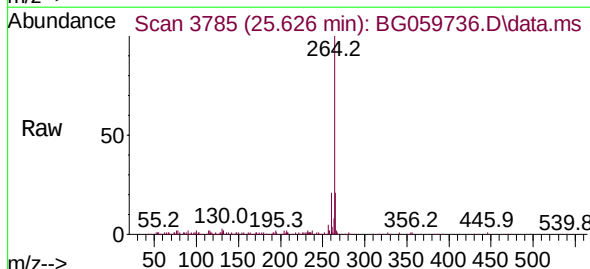
Tgt Ion:264 Resp: 254446

Ion Ratio Lower Upper

264 100

260 21.2 18.5 27.7

265 20.9 17.0 25.6



Abundance Scan 3785 (25.626 min): BG059736.D\data.ms (-3696) (-)

