

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059769.D
 Acq On : 20 Nov 2023 15:02
 Operator : MA/JU
 Sample : PB157160BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157160BL

Quant Time: Nov 20 15:48:53 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)

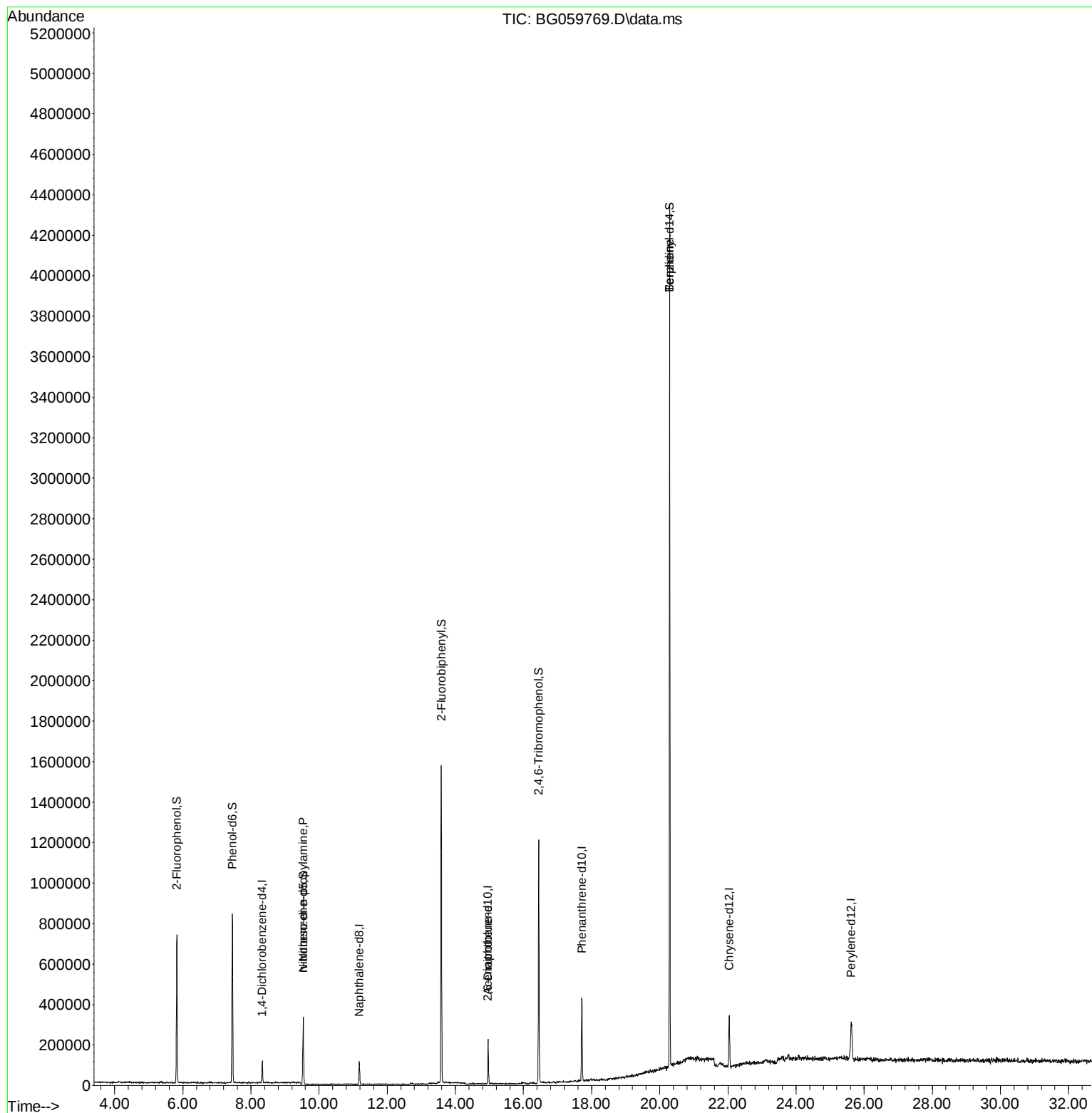
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	23584	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	77290	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	62176	20.000	ng	# 0.00
64) Phenanthrene-d10	17.712	188	224540	20.000	ng	0.00
76) Chrysene-d12	22.043	240	144748	20.000	ng	# 0.00
86) Perylene-d12	25.621	264	218925	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	249095	177.774	ng	0.00
7) Phenol-d6	7.454	99	359701	173.230	ng	0.00
23) Nitrobenzene-d5	9.534	82	202397	100.012	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	157814	223.703	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	678813	146.956	ng	0.00
79) Terphenyl-d14	20.292	244	1613388	164.545	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.534	70	33291	20.360	ng	# 78
51) 2,6-Dinitrotoluene	14.957	165	7969	8.718	ng	# 1
77) Benzidine	20.292	184	51883	15.807	ng	# 93

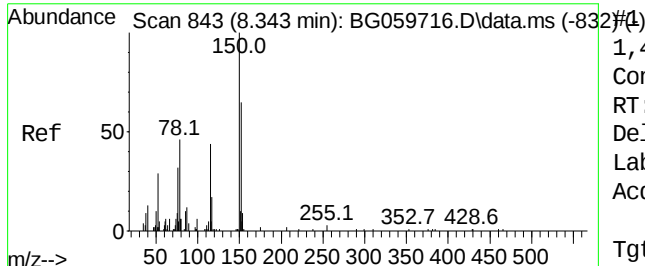
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059769.D
Acq On : 20 Nov 2023 15:02
Operator : MA/JU
Sample : PB157160BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB157160BL

Quant Time: Nov 20 15:48:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

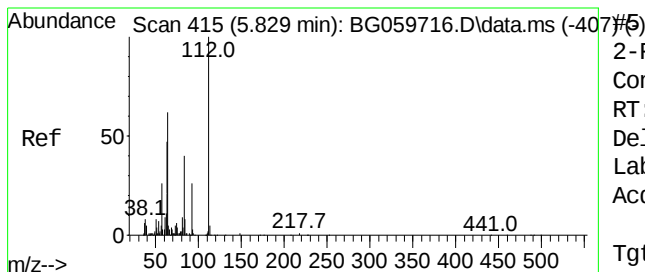
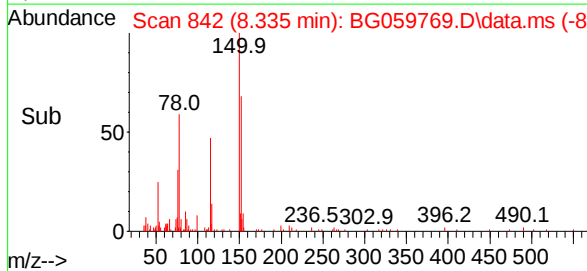
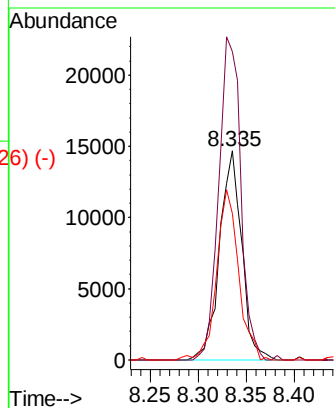
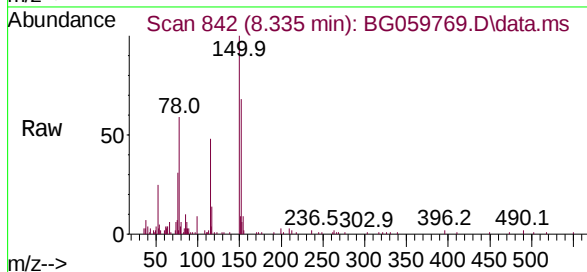




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.335 min Scan# 843
 Delta R.T. -0.008 min
 Lab File: BG059769.D
 Acq: 20 Nov 2023 15:02

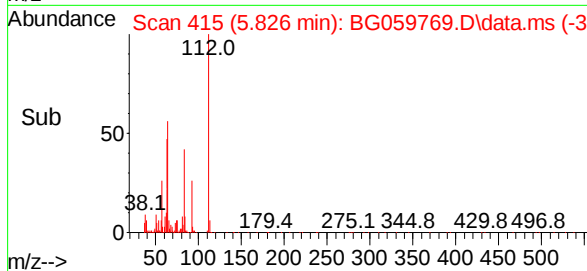
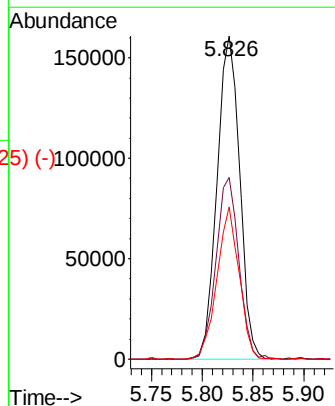
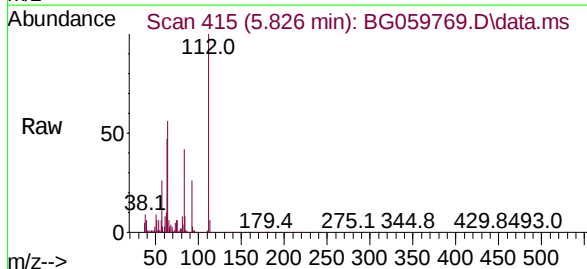
Instrument :
 BNA_G
 ClientSampleId :
 PB157160BL

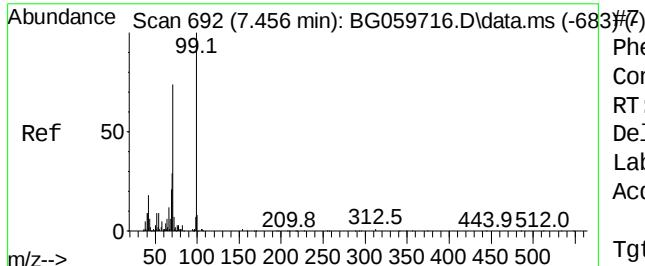
Tgt Ion:	152	Resp:	23584
Ion	Ratio	Lower	Upper
152	100		
150	147.3	122.2	183.4
115	70.0	54.2	81.4



2-Fluorophenol
 Concen: 177.774 ng
 RT: 5.826 min Scan# 415
 Delta R.T. -0.002 min
 Lab File: BG059769.D
 Acq: 20 Nov 2023 15:02

Tgt Ion:	112	Resp:	249095
Ion	Ratio	Lower	Upper
112	100		
64	56.2	49.5	74.3
63	47.2	37.4	56.2

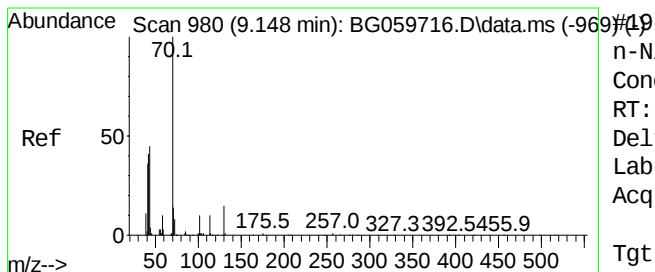
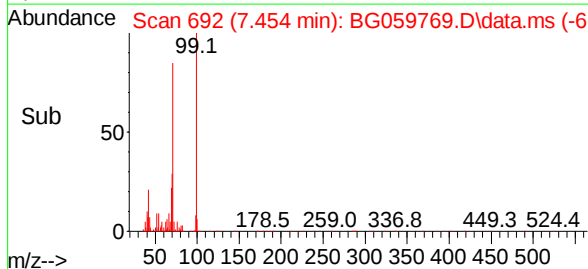
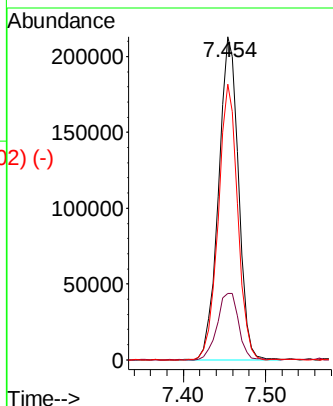
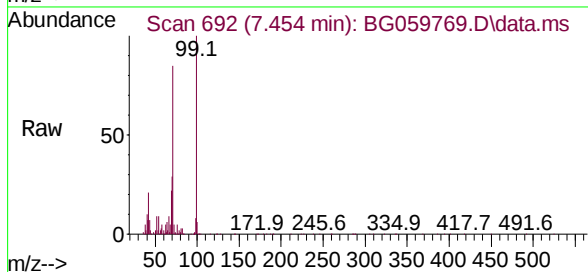




Phenol-d6
 Concen: 173.230 ng
 RT: 7.454 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG059769.D
 Acq: 20 Nov 2023 15:02

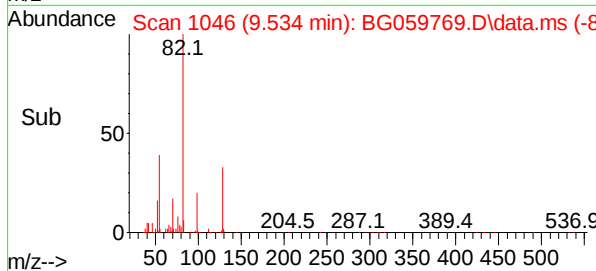
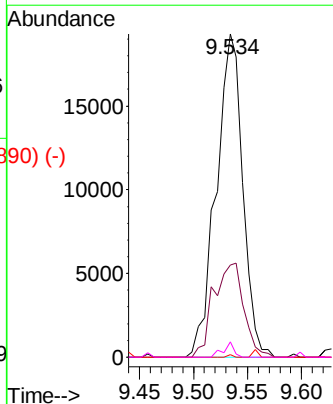
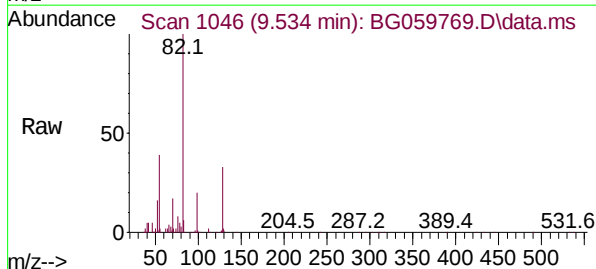
Instrument :
 BNA_G
 ClientSampleId :
 PB157160BL

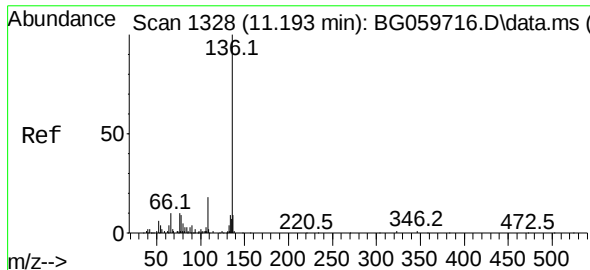
Tgt Ion:	99	Resp:	359701
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.3	21.5
71	85.4	59.3	88.9



n-Nitroso-di-n-propylamine
 Concen: 20.360 ng
 RT: 9.534 min Scan# 1046
 Delta R.T. 0.385 min
 Lab File: BG059769.D
 Acq: 20 Nov 2023 15:02

Tgt Ion:	70	Resp:	33291
Ion	Ratio	Lower	Upper
70	100		
42	28.4	32.8	49.2#
101	0.8	7.7	11.5#
130	4.7	12.3	18.5#





Naphthalene-d8

Concen: 20.000 ng

RT: 11.179 min Scan# 1326

Delta R.T. -0.014 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

Instrument :

BNA_G

ClientSampleId :

PB157160BL

Tgt Ion:136 Resp: 77290

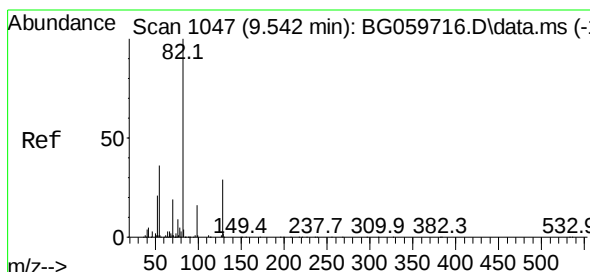
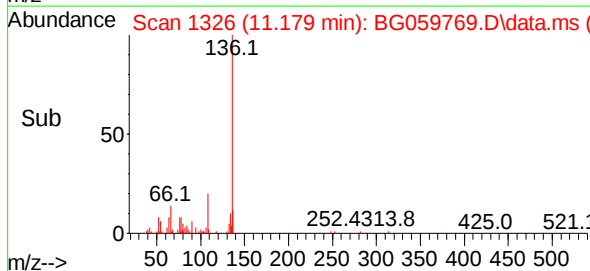
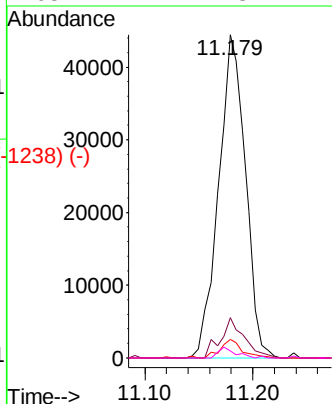
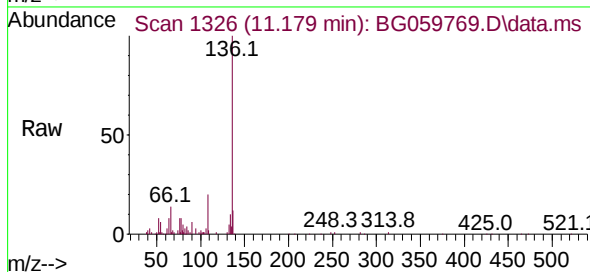
Ion Ratio Lower Upper

136 100

137 12.4 7.4 11.0#

54 5.6 3.1 4.7#

68 2.2 1.8 2.8



Nitrobenzene-d5

Concen: 100.012 ng

RT: 9.534 min Scan# 1046

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

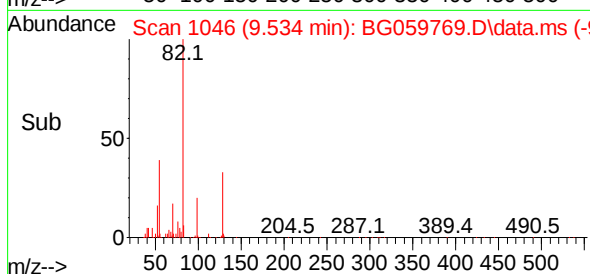
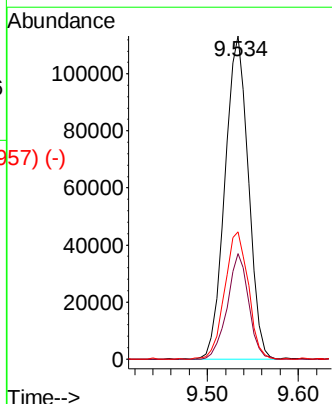
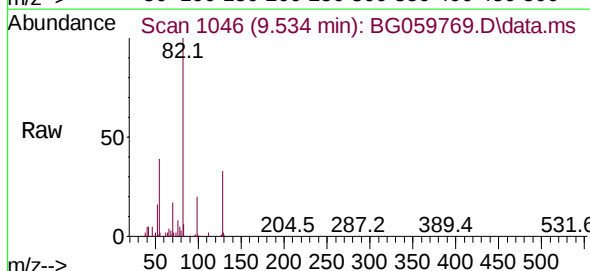
Tgt Ion: 82 Resp: 202397

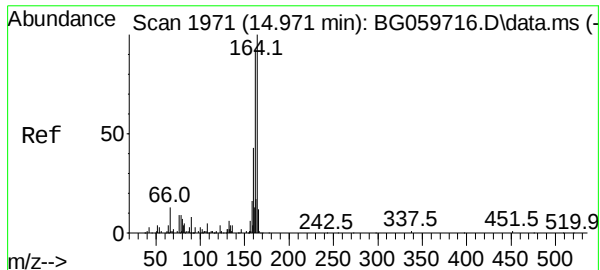
Ion Ratio Lower Upper

82 100

128 32.7 23.0 34.6

54 39.5 28.7 43.1





Acenaphthene-d10

Concen: 20.000 ng

RT: 14.963 min Scan# 1969

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

Instrument :

BNA_G

ClientSampleId :

PB157160BL

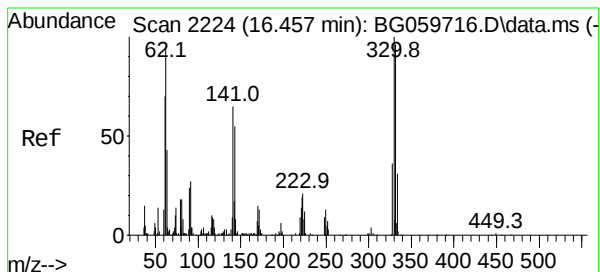
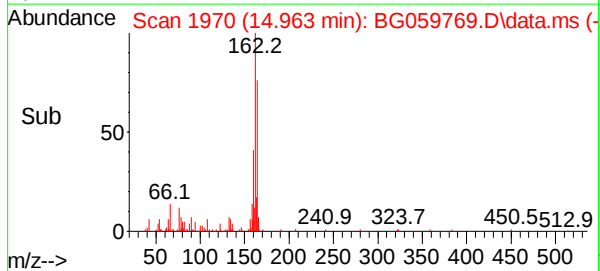
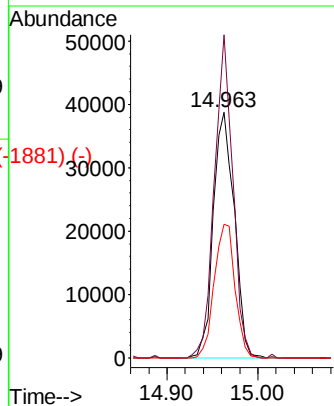
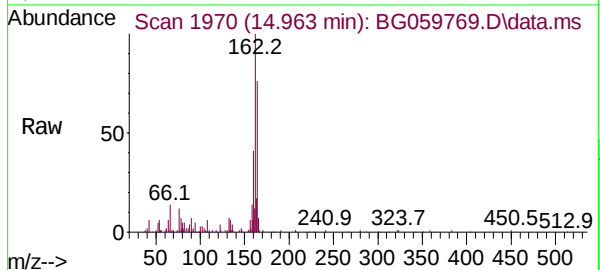
Tgt Ion:164 Resp: 62176

Ion Ratio Lower Upper

164 100

162 131.4 73.3 109.9#

160 54.4 34.1 51.1#



2,4,6-Tribromophenol

Concen: 223.703 ng

RT: 16.449 min Scan# 2223

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

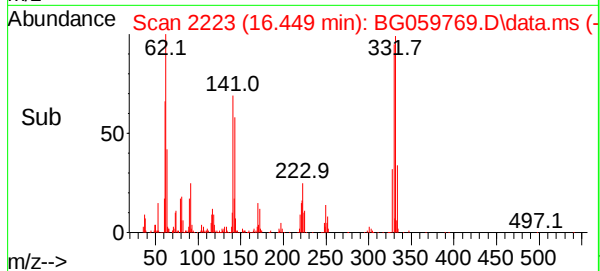
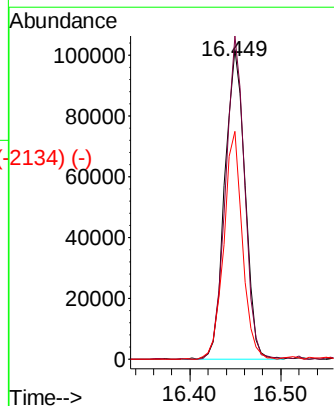
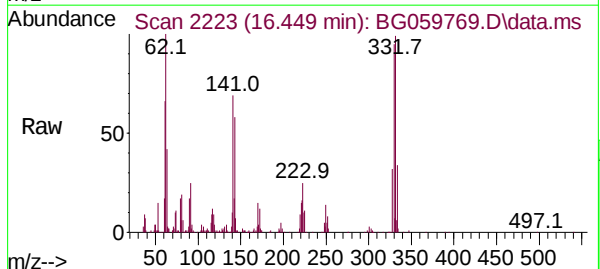
Tgt Ion:330 Resp: 157814

Ion Ratio Lower Upper

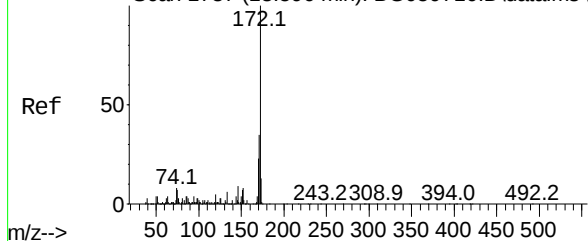
330 100

332 98.3 73.3 109.9

141 67.3 52.1 78.1



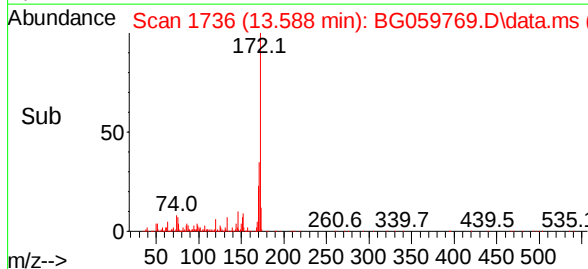
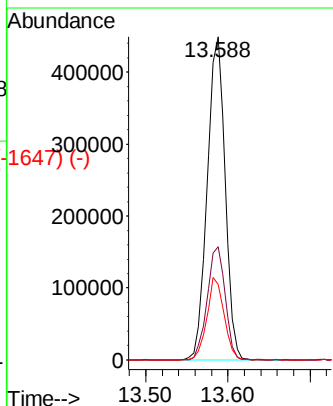
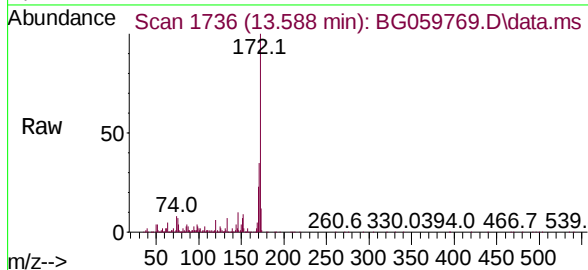
Abundance Scan 1737 (13.596 min): BG059716.D\data.ms (-1725) (-)



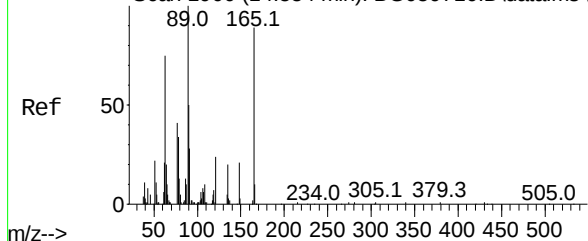
2-Fluorobiphenyl
Concen: 146.956 ng
RT: 13.588 min Scan# 1737
Delta R.T. -0.008 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

Instrument :
BNA_G
ClientSampleId :
PB157160BL

Tgt Ion:	172	Resp:	678813
Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.4	18.4	27.6

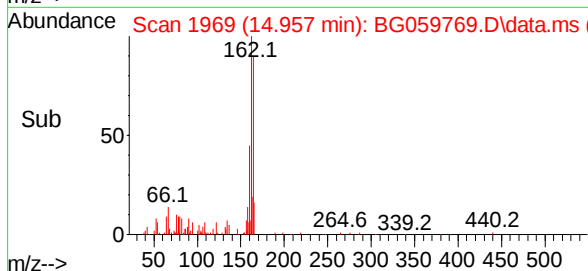
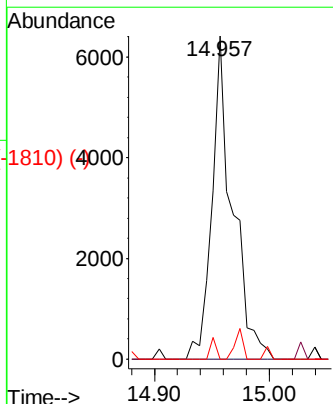
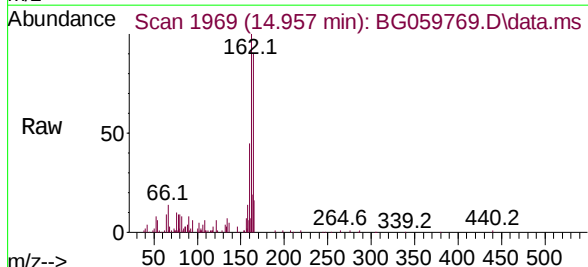


Abundance Scan 1900 (14.554 min): BG059716.D\data.ms (-1654) (-)

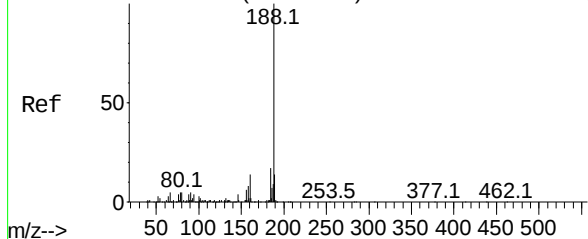


2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 14.957 min Scan# 1969
Delta R.T. 0.403 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

Tgt Ion:	165	Resp:	7969
Ion	Ratio	Lower	Upper
165	100		
63	0.0	75.3	112.9#
89	0.0	90.9	136.3#



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



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

Instrument :

BNA_G

ClientSampleId :

PB157160BL

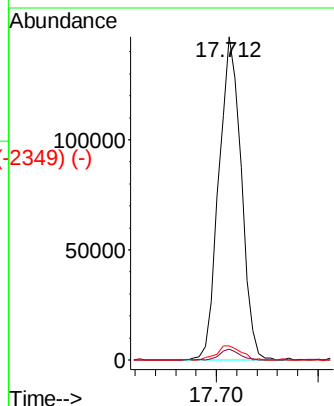
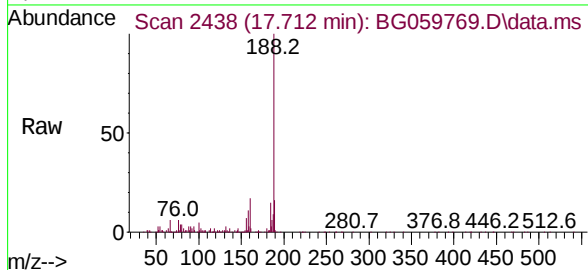
Tgt Ion:188 Resp: 224540

Ion Ratio Lower Upper

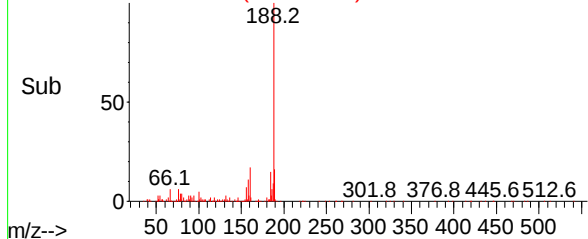
188 100

94 3.3 3.0 4.4

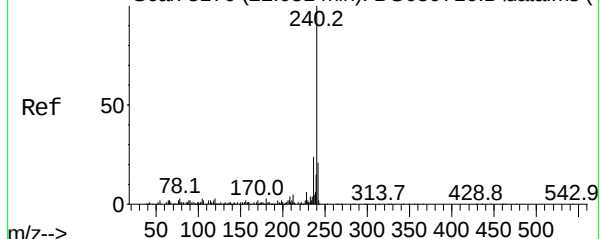
80 4.3 4.2 6.4



Abundance Scan 2438 (17.712 min): BG059769.D\data.ms (-2438) (-)



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



Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

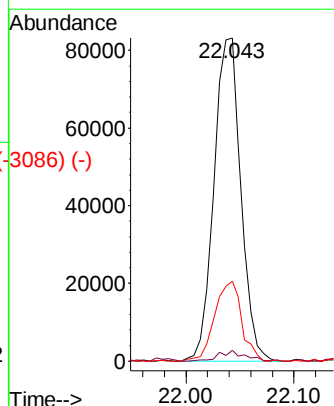
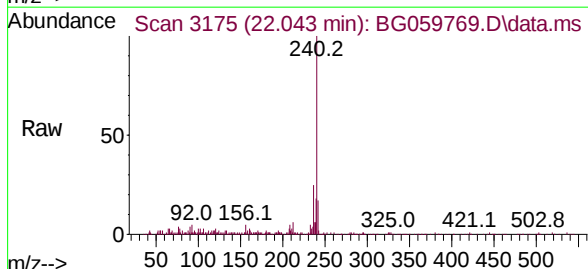
Tgt Ion:240 Resp: 144748

Ion Ratio Lower Upper

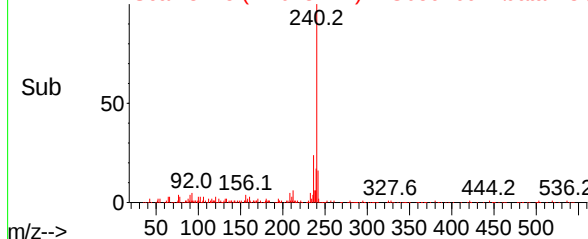
240 100

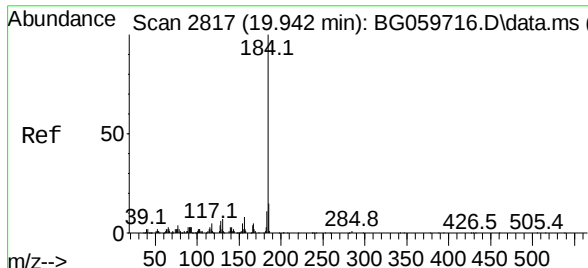
120 3.4 2.2 3.2#

236 24.8 19.4 29.2



Abundance Scan 3175 (22.043 min): BG059769.D\data.ms (-3175) (-)

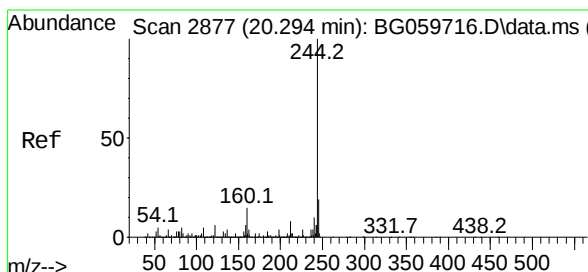
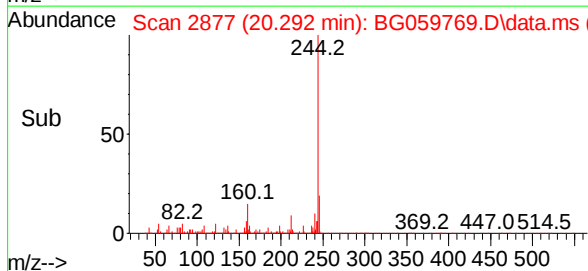
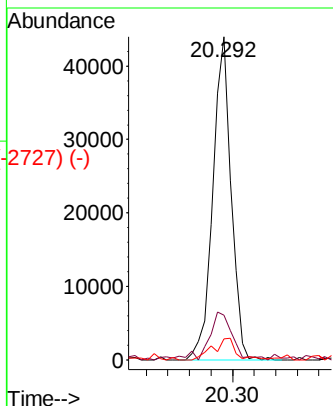
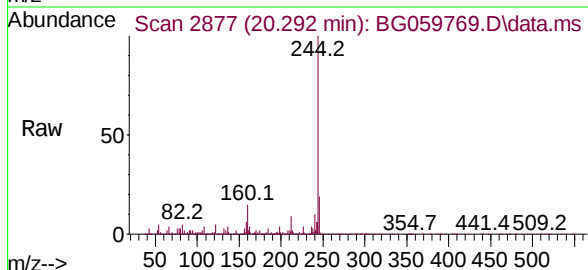




Benzidine
 Concen: 15.807 ng
 RT: 20.292 min Scan# 2817
 Delta R.T. 0.350 min
 Lab File: BG059769.D
 Acq: 20 Nov 2023 15:02

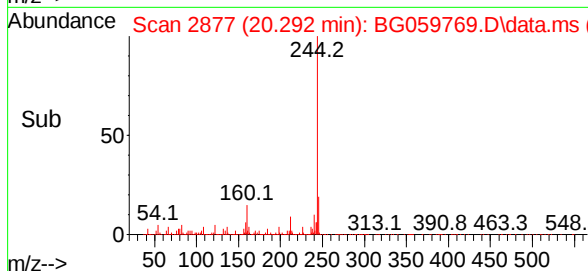
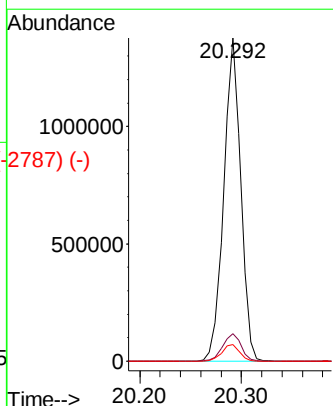
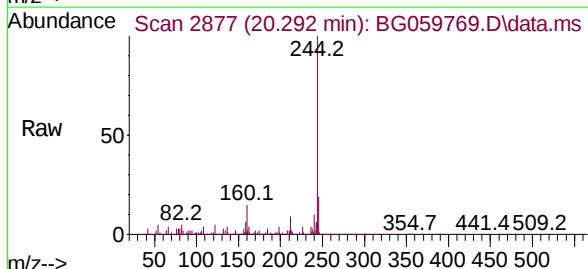
Instrument :
 BNA_G
 ClientSampleId :
 PB157160BL

Tgt Ion:	184	Resp:	51883
Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.2	18.2
183	6.4	8.8	13.2#

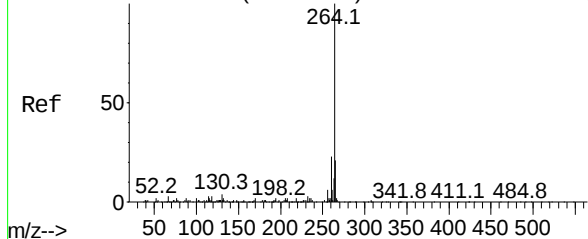


Terphenyl-d14
 Concen: 164.545 ng
 RT: 20.292 min Scan# 2877
 Delta R.T. -0.002 min
 Lab File: BG059769.D
 Acq: 20 Nov 2023 15:02

Tgt Ion:	244	Resp:	1613388
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	5.2	4.4	6.6



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



Perylene-d12

Concen: 20.000 ng

RT: 25.621 min Scan#

Delta R.T. -0.014 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

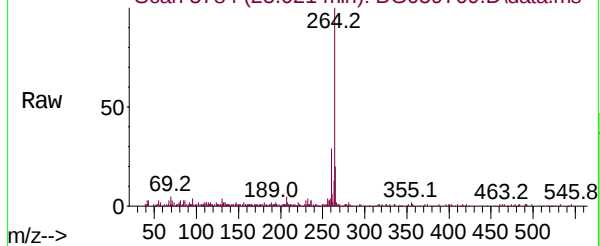
Instrument :

BNA_G

ClientSampleId :

PB157160BL

Abundance Scan 3784 (25.621 min): BG059769.D\data.ms



Tgt Ion:264 Resp: 218925

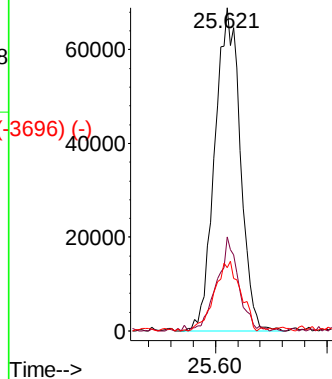
Ion Ratio Lower Upper

264 100

260 29.0 18.5 27.7#

265 19.5 17.0 25.6

Abundance



Abundance Scan 3784 (25.621 min): BG059769.D\data.ms (-3696) (-)

