

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059744.D
 Acq On : 18 Nov 2023 00:19
 Operator : MA/JU
 Sample : 05331-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:25:08 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)

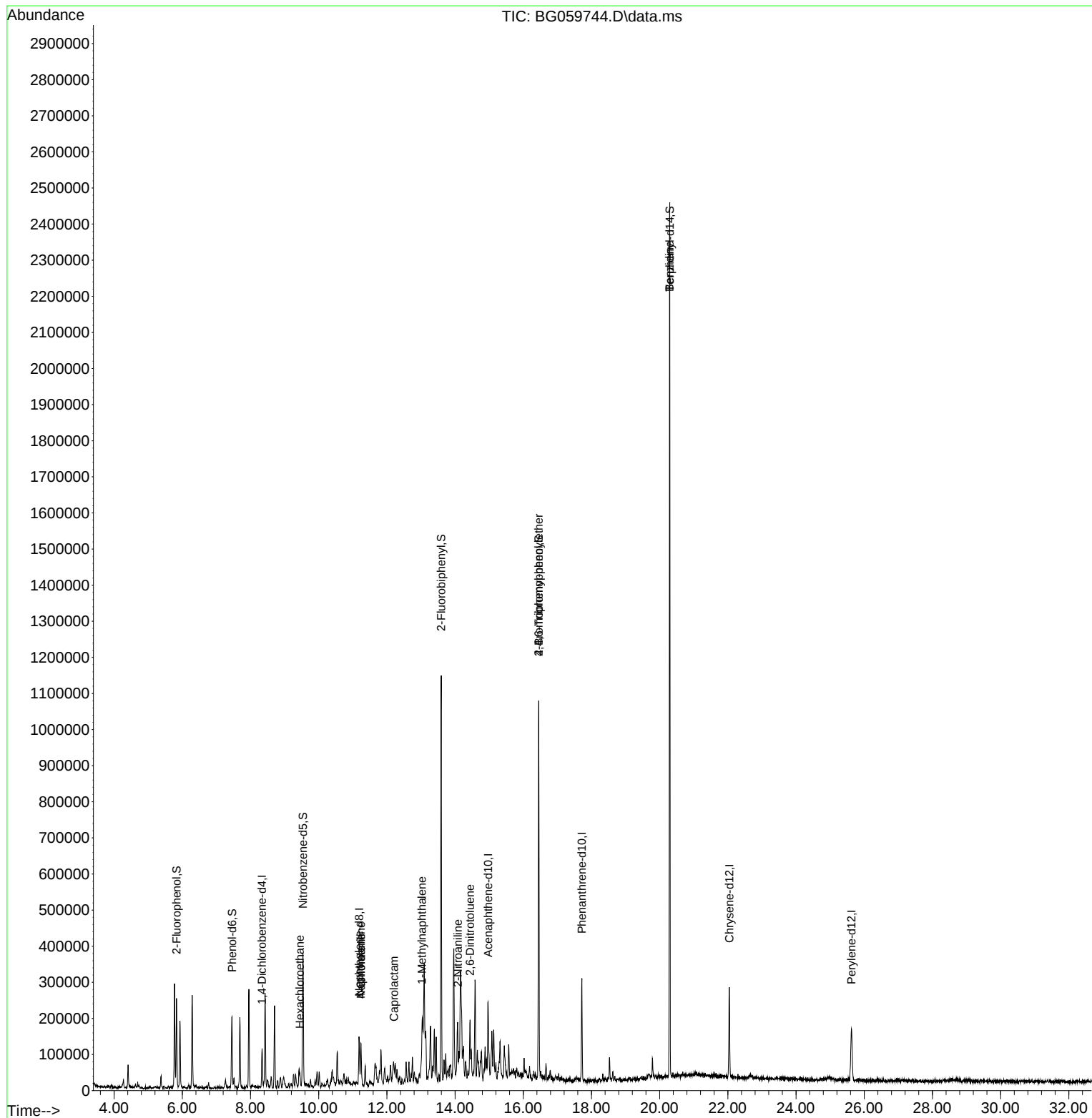
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	19322	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	82447	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	62799	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	148660	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	143465	20.000	ng	0.00
86) Perylene-d12	25.627	264	172170	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	81491	70.987	ng	0.00
7) Phenol-d6	7.460	99	73292	43.083	ng	0.00
23) Nitrobenzene-d5	9.540	82	230991	107.002	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	131914	185.134	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	461467	98.912	ng	0.00
79) Terphenyl-d14	20.298	244	1004239	103.336	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.446	117	6040	10.244	ng	# 54
31) Naphthalene	11.238	128	70889	17.099	ng	# 94
33) 4-Chloroaniline	11.238	127	10816	6.134	ng	# 41
35) Caprolactam	12.207	113	17841	38.580	ng	# 52
38) 1-Methylnaphthalene	13.030	142	9690	3.009	ng	# 77
48) 2-Nitroaniline	14.081	65	7448	6.159	ng	# 17
51) 2,6-Dinitrotoluene	14.440	165	5064	5.485	ng	85
67) 4-Bromophenyl-phenylether	16.455	248	10423	6.526	ng	# 1
77) Benzidine	20.292	184	32653	10.037	ng	# 88

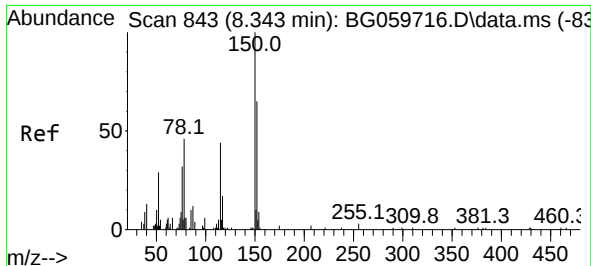
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059744.D
Acq On : 18 Nov 2023 00:19
Operator : MA/JU
Sample : 05331-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

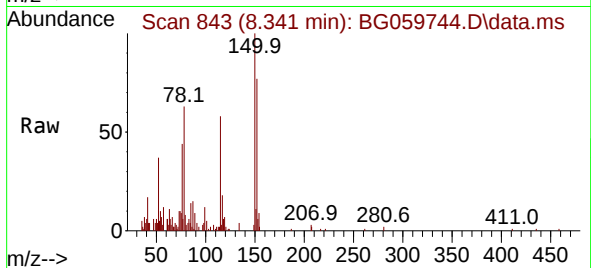
Quant Time: Nov 18 04:25:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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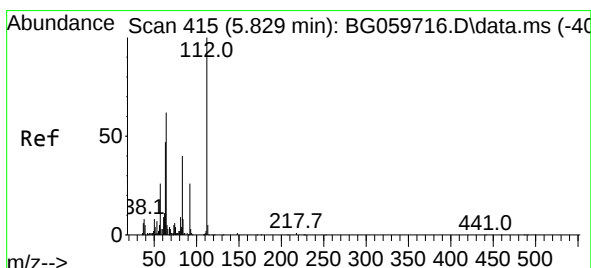
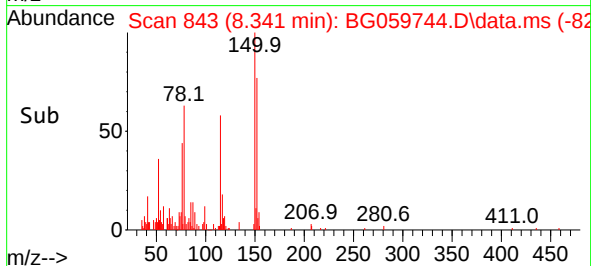
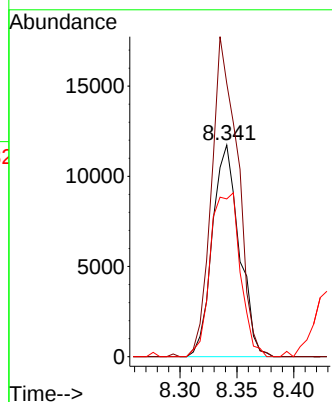


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Instrument :
BNA_G
ClientSampleId :

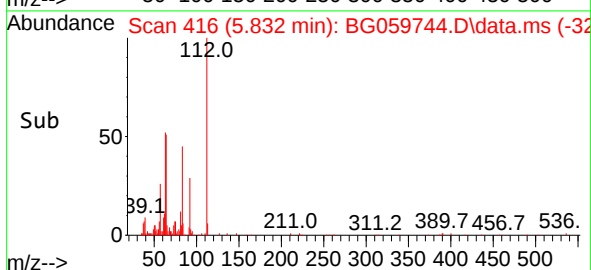
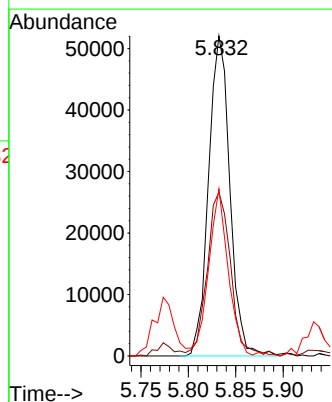
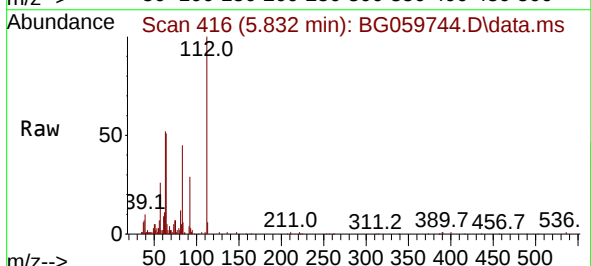


Tgt Ion:152 Resp: 19322
Ion Ratio Lower Upper
152 100
150 129.1 122.2 183.4
115 74.6 54.2 81.4



#5
2-Fluorophenol
Concen: 70.987 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Tgt Ion:112 Resp: 81491
Ion Ratio Lower Upper
112 100
64 51.2 49.5 74.3
63 52.2 37.4 56.2

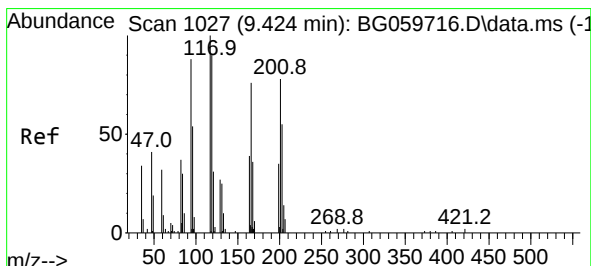
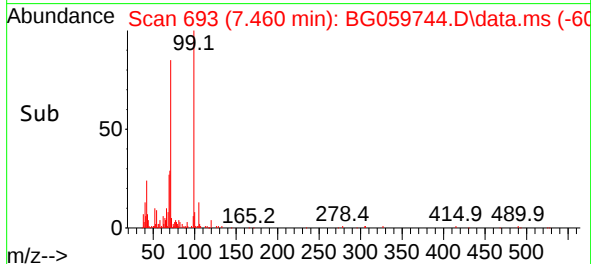
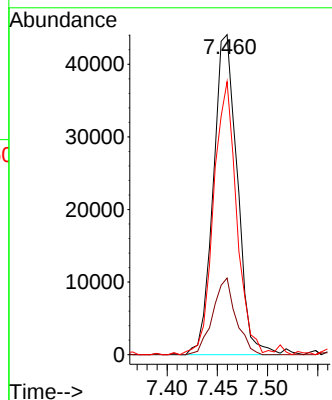
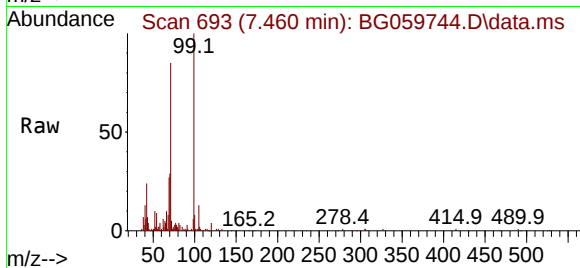




#7
Phenol-d6
Concen: 43.083 ng
RT: 7.460 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

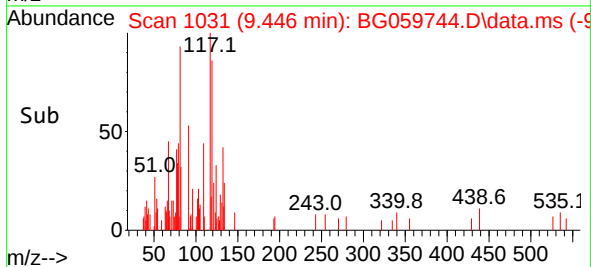
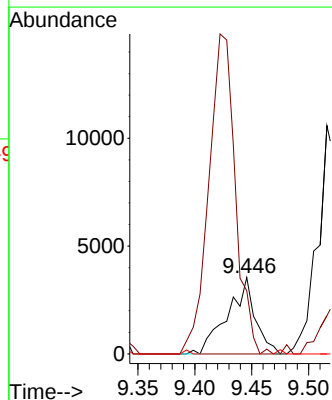
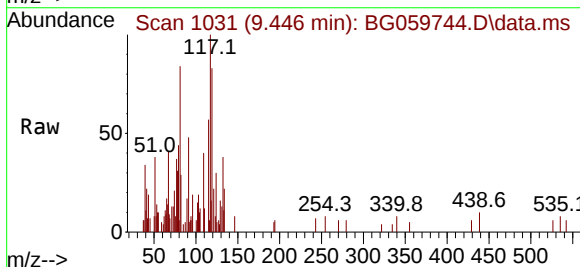
Instrument :
BNA_G
ClientSampleId :

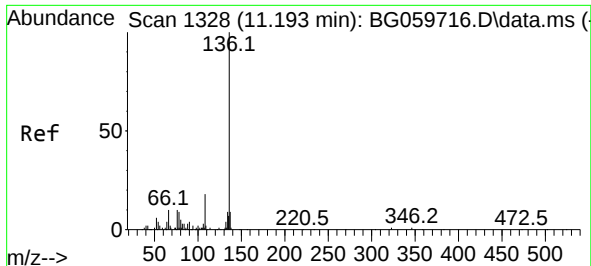
Tgt Ion: 99 Resp: 73292
Ion Ratio Lower Upper
99 100
42 23.9 14.3 21.5#
71 85.3 59.3 88.9



#18
Hexachloroethane
Concen: 10.244 ng
RT: 9.446 min Scan# 1031
Delta R.T. 0.021 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Tgt Ion: 117 Resp: 6040
Ion Ratio Lower Upper
117 100
119 82.6 71.8 107.8
201 0.0 62.2 93.4#

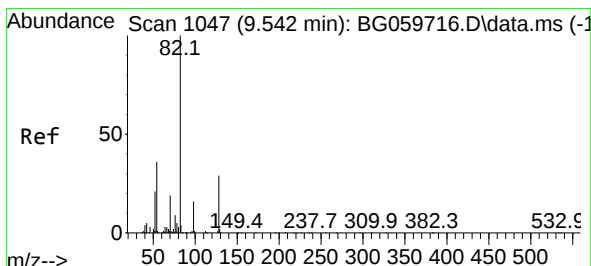
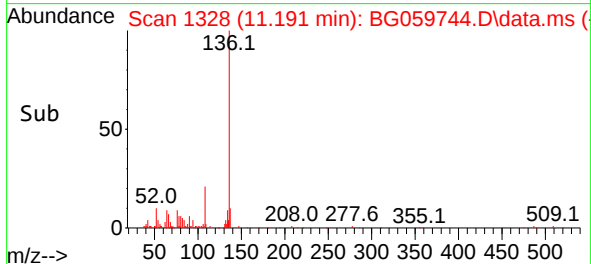
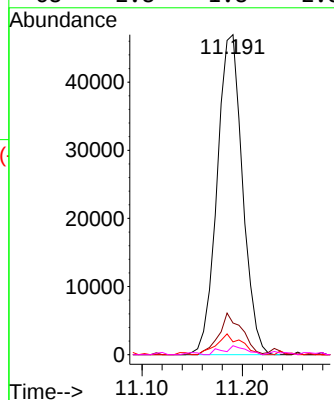
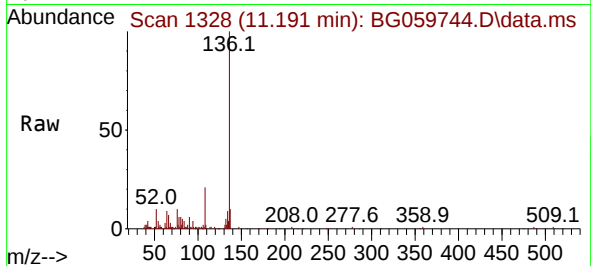




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 111
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

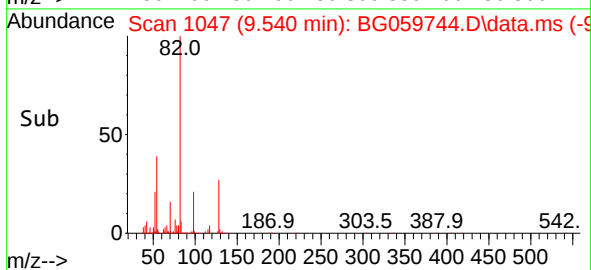
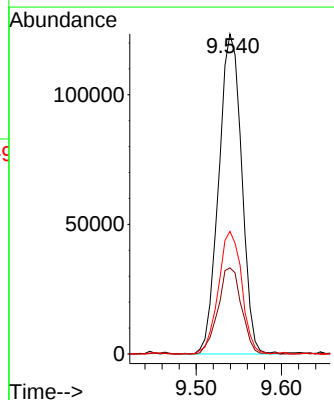
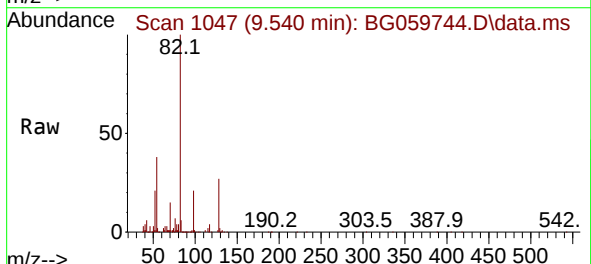
Instrument :
BNA_G
ClientSampleId :

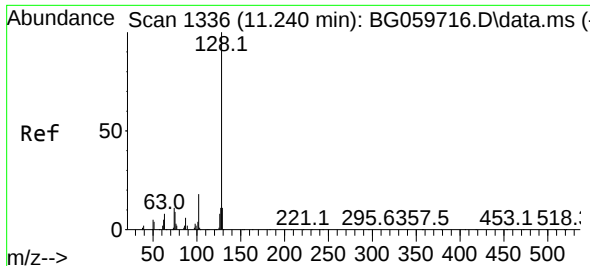
Tgt Ion:	136	Resp:	82447
Ion Ratio	Lower	Upper	
136	100		
137	9.9	7.4	11.0
54	4.0	3.1	4.7
68	2.8	1.8	2.8



#23
Nitrobenzene-d5
Concen: 107.002 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Tgt Ion:	82	Resp:	230991
Ion Ratio	Lower	Upper	
82	100		
128	26.9	23.0	34.6
54	38.3	28.7	43.1

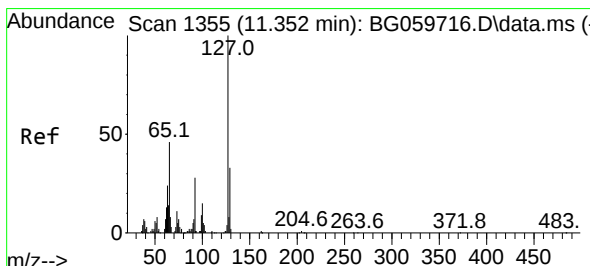
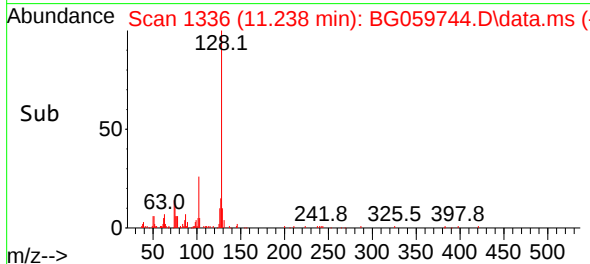
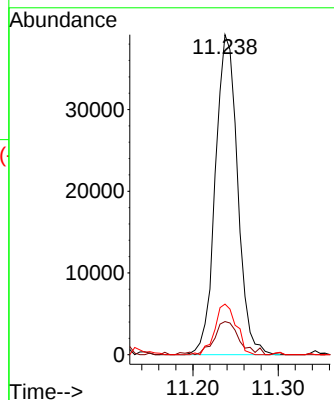
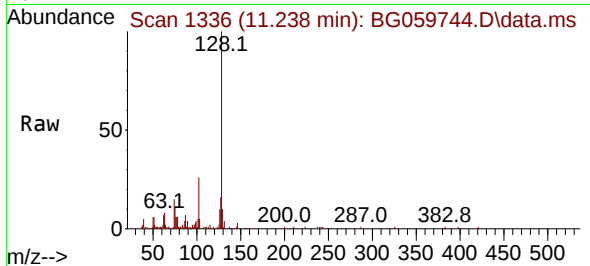




#31
Naphthalene
Concen: 17.099 ng
RT: 11.238 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

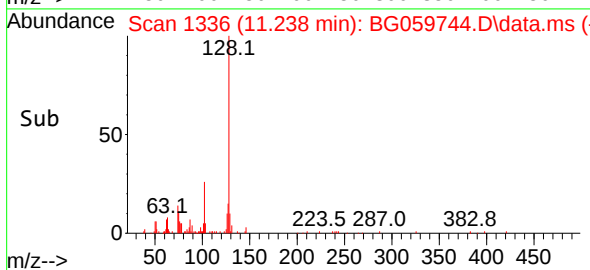
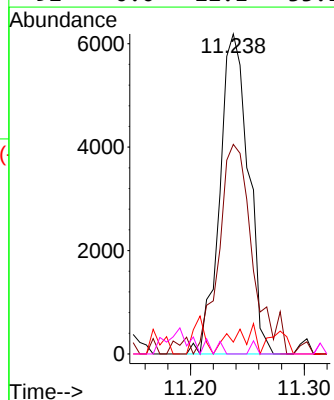
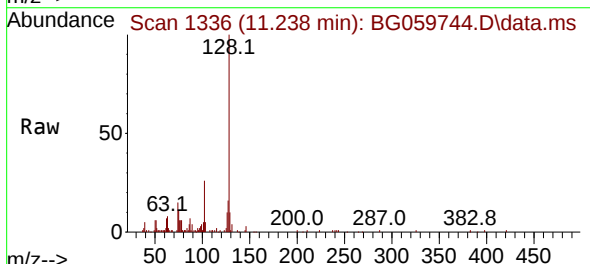
Instrument :
BNA_G
ClientSampleId :

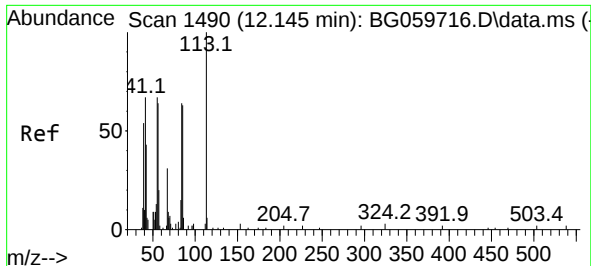
Tgt Ion:128 Resp: 70889
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 15.8 9.2 13.8#



#33
4-Chloroaniline
Concen: 6.134 ng
RT: 11.238 min Scan# 1336
Delta R.T. -0.114 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Tgt Ion:127 Resp: 10816
Ion Ratio Lower Upper
127 100
129 65.5 26.8 40.2#
65 3.7 36.5 54.7#
92 0.0 22.1 33.1#

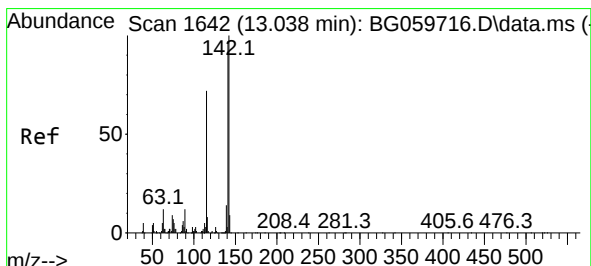
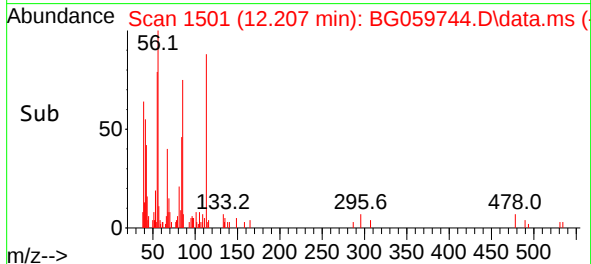
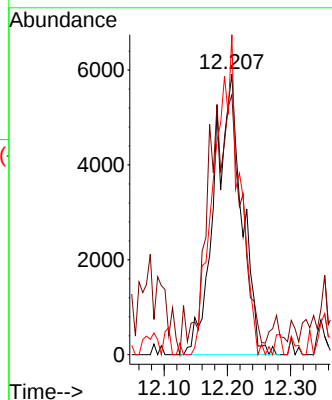
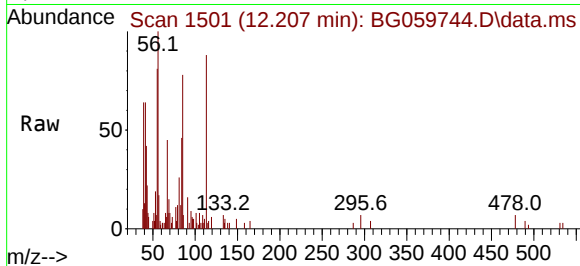




#35
Caprolactam
Concen: 38.580 ng
RT: 12.207 min Scan# 11
Delta R.T. 0.062 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

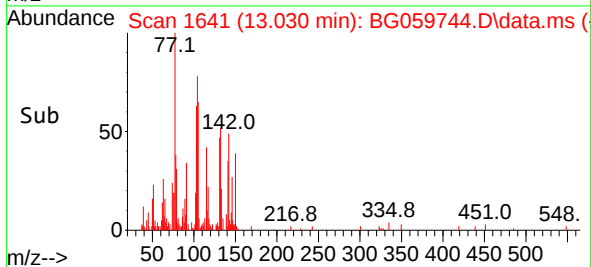
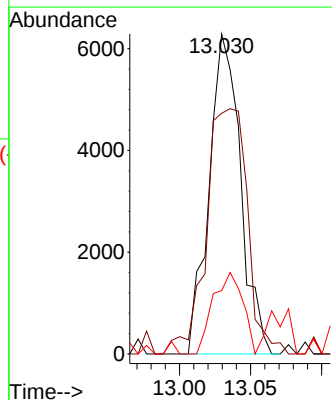
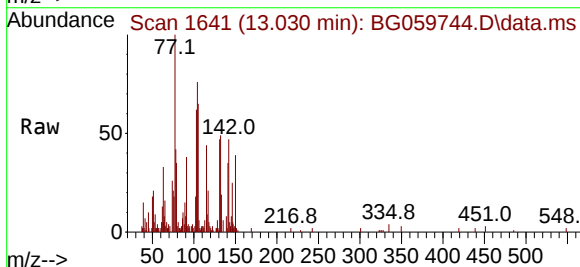
Instrument :
BNA_G
ClientSampleId :

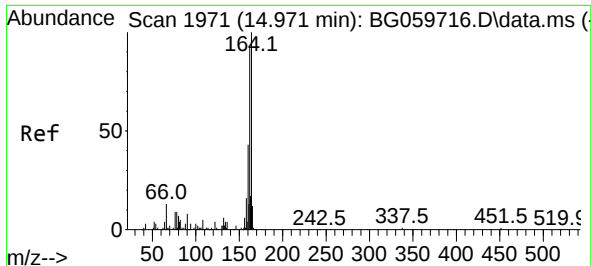
Tgt Ion	Ratio	Lower	Upper
113	100		
55	92.7	47.1	87.1#
56	114.1	43.7	83.7#



#38
1-Methylnaphthalene
Concen: 3.009 ng
RT: 13.030 min Scan# 1641
Delta R.T. -0.008 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	75.2	77.8	116.8#
116	19.8	6.2	9.2#

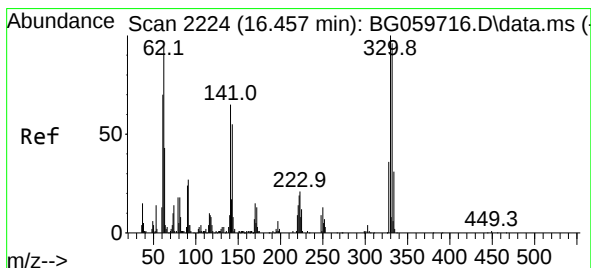
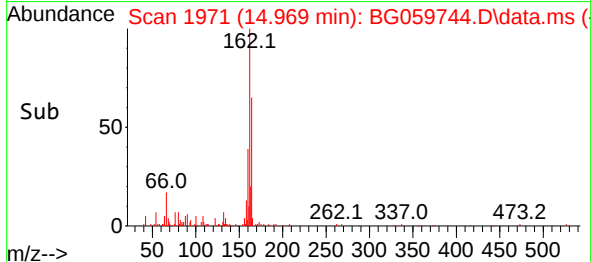
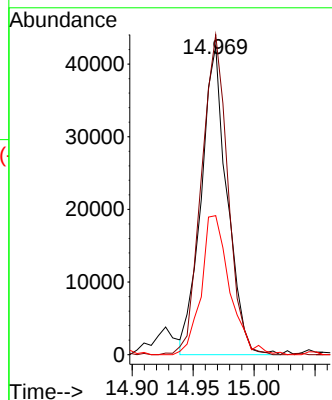
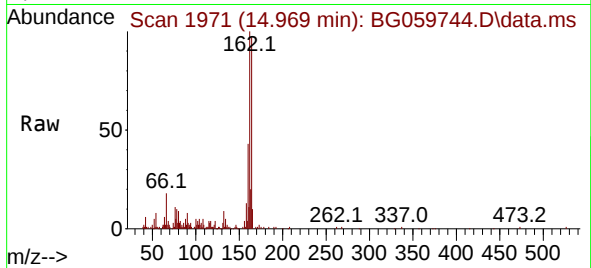




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

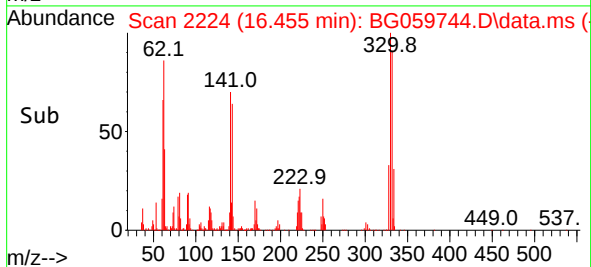
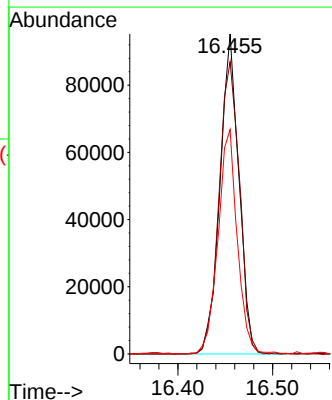
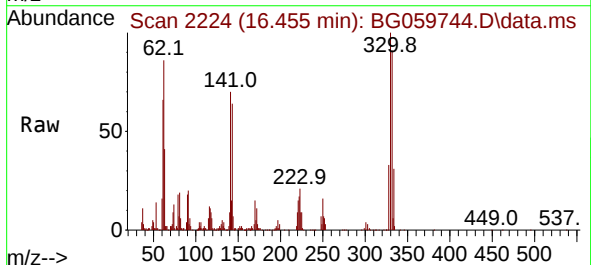
Instrument :
BNA_G
ClientSampleId :

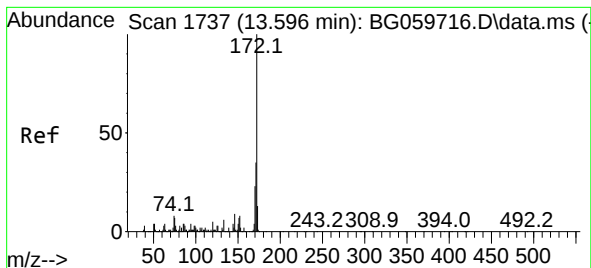
Tgt Ion:164 Resp: 62799
Ion Ratio Lower Upper
164 100
162 103.6 73.3 109.9
160 45.0 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 185.134 ng
RT: 16.455 min Scan# 2224
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Tgt Ion:330 Resp: 131914
Ion Ratio Lower Upper
330 100
332 99.1 73.3 109.9
141 71.7 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 98.912 ng

RT: 13.594 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

Instrument :

BNA_G

ClientSampleId :

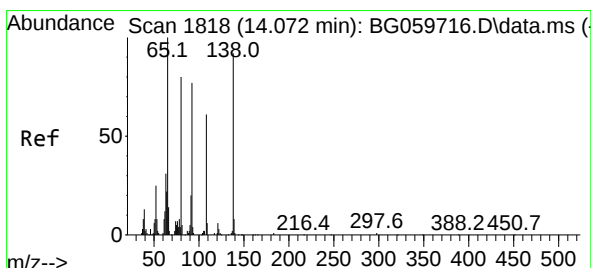
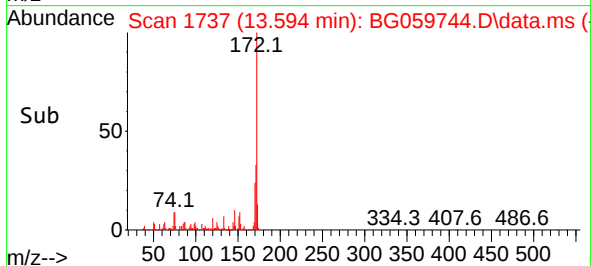
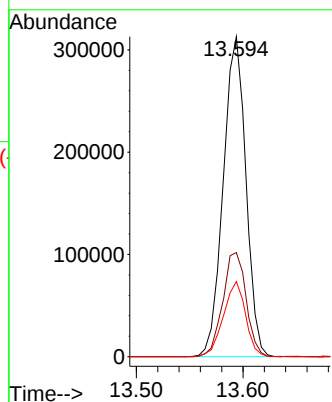
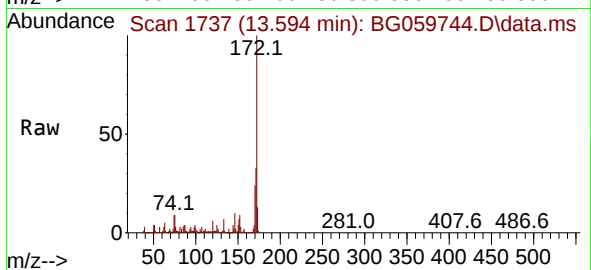
Tgt Ion:172 Resp: 461467

Ion Ratio Lower Upper

172 100

171 32.5 27.7 41.5

170 23.5 18.4 27.6



#48

2-Nitroaniline

Concen: 6.159 ng

RT: 14.081 min Scan# 1820

Delta R.T. 0.009 min

Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

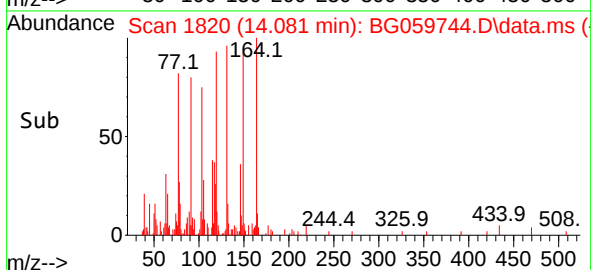
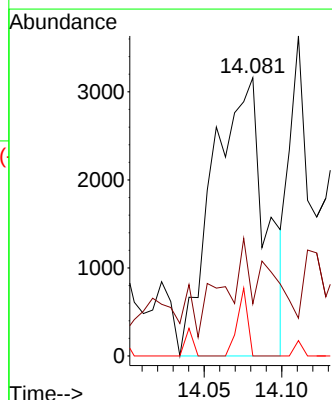
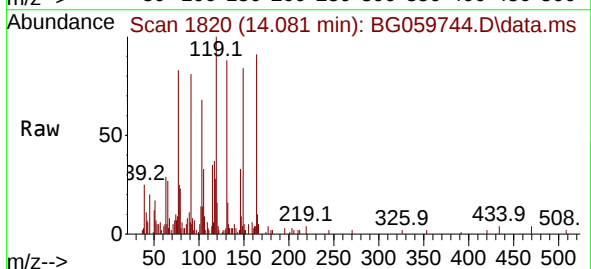
Tgt Ion: 65 Resp: 7448

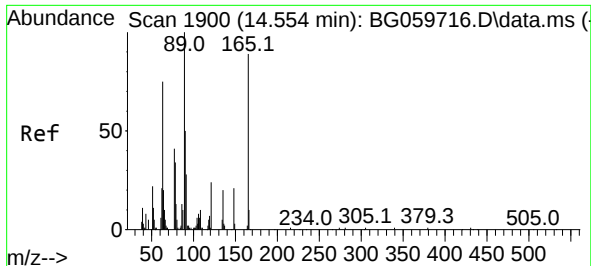
Ion Ratio Lower Upper

65 100

92 18.7 61.2 91.8#

138 0.0 73.8 110.6#





#51

2,6-Dinitrotoluene

Concen: 5.485 ng

RT: 14.440 min Scan# 11

Delta R.T. -0.114 min

Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

Instrument :

BNA_G

ClientSampleId :

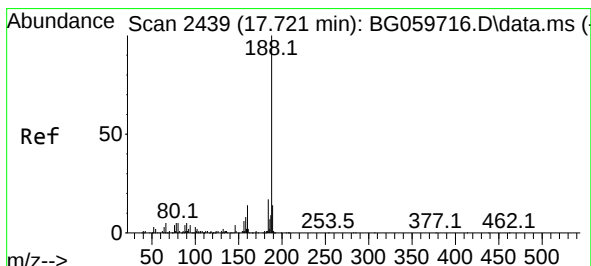
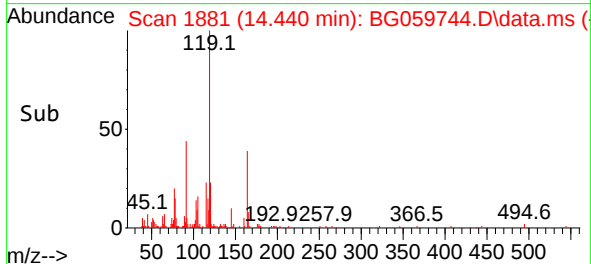
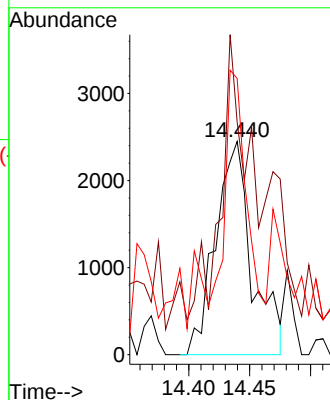
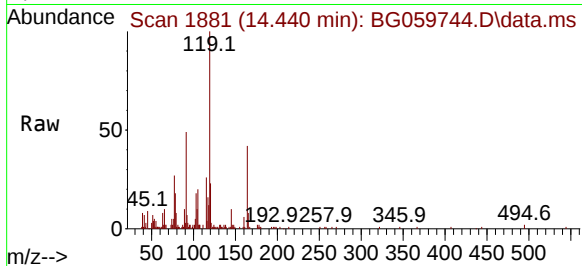
Tgt Ion:165 Resp: 5064

Ion Ratio Lower Upper

165 100

63 109.1 75.3 112.9

89 129.5 90.9 136.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

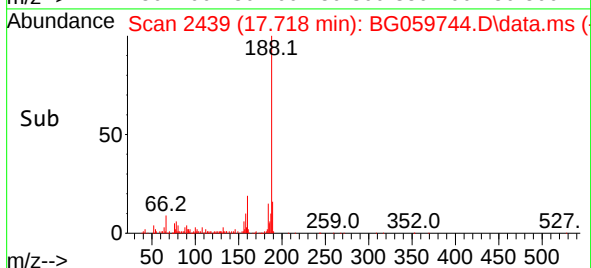
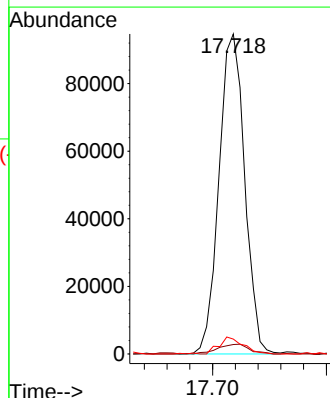
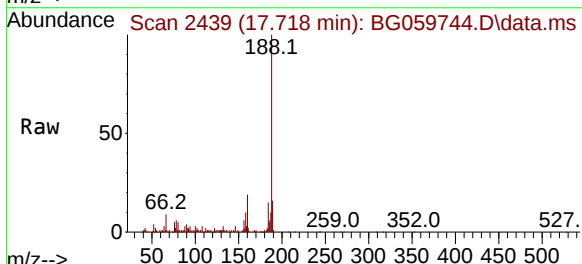
Tgt Ion:188 Resp: 148660

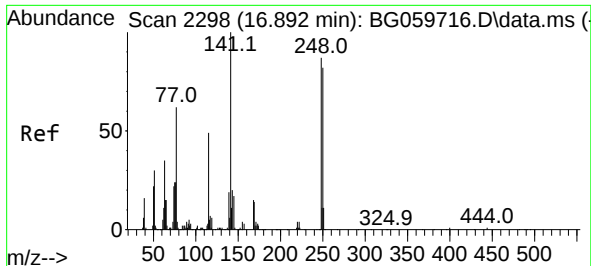
Ion Ratio Lower Upper

188 100

94 3.0 3.0 4.4#

80 4.7 4.2 6.4





#67

4-Bromophenyl-phenylether

Concen: 6.526 ng

RT: 16.455 min Scan# 21

Delta R.T. -0.437 min

Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

Instrument :

BNA_G

ClientSampleId :

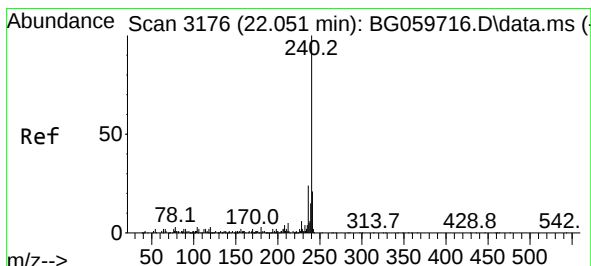
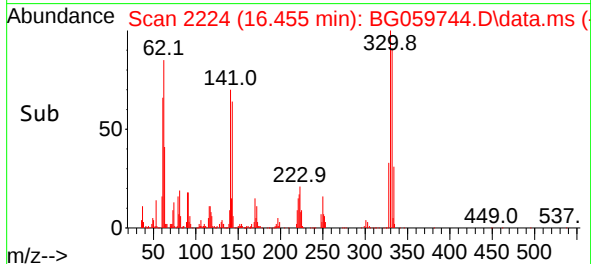
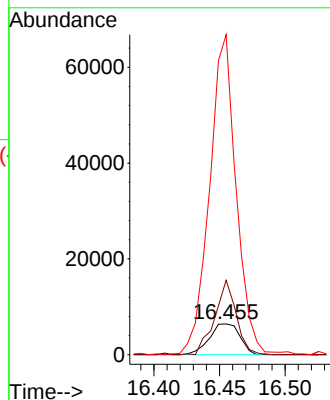
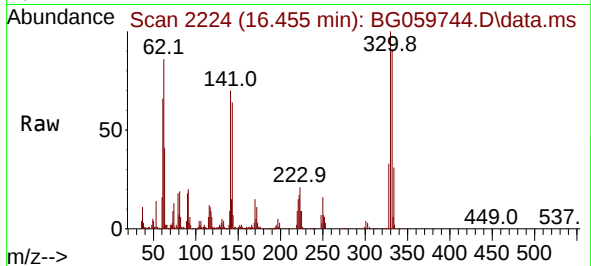
Tgt Ion:248 Resp: 10423

Ion Ratio Lower Upper

248 100

250 242.3 75.2 112.8#

141 1042.9 91.5 137.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

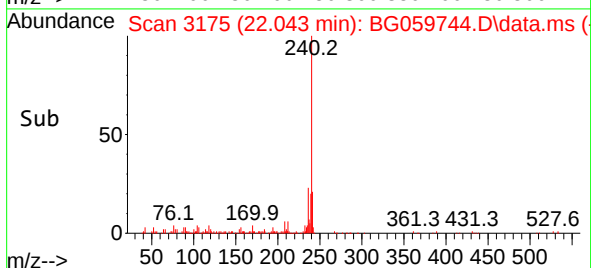
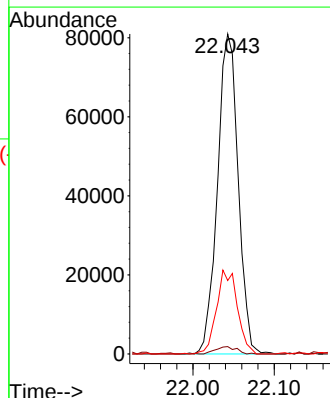
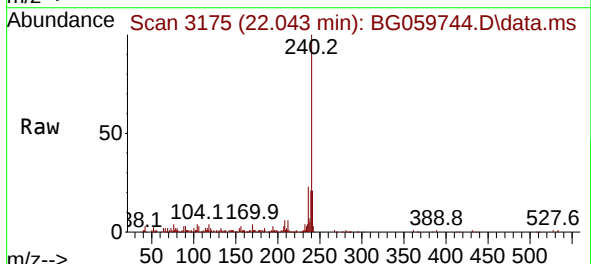
Tgt Ion:240 Resp: 143465

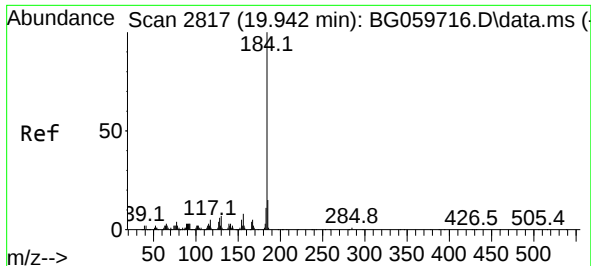
Ion Ratio Lower Upper

240 100

120 2.3 2.2 3.2

236 22.9 19.4 29.2

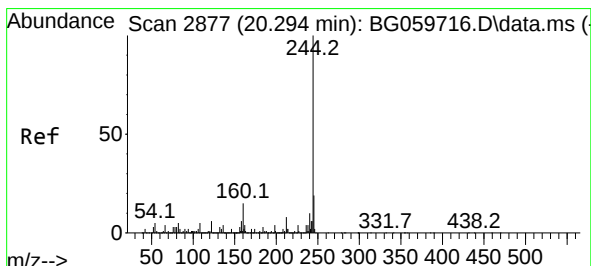
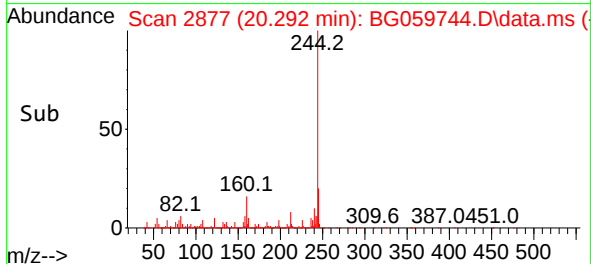
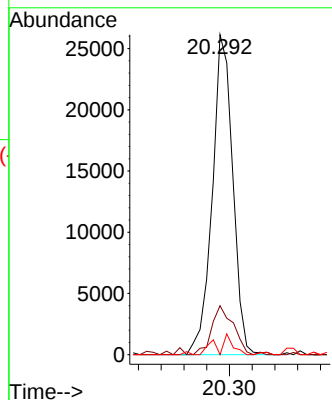
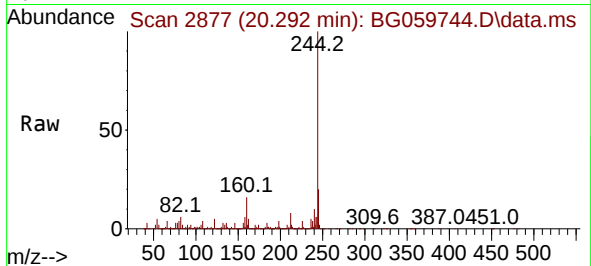




#77
Benzidine
Concen: 10.037 ng
RT: 20.292 min Scan# 21
Delta R.T. 0.350 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

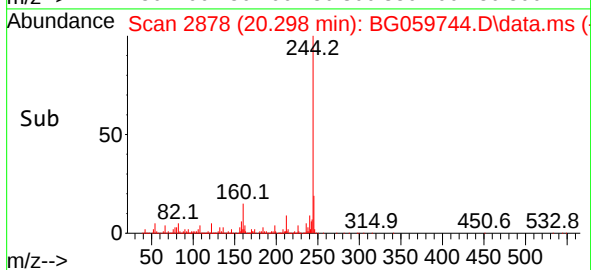
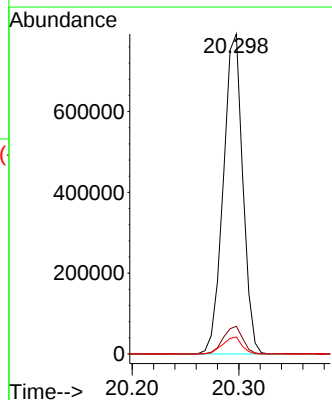
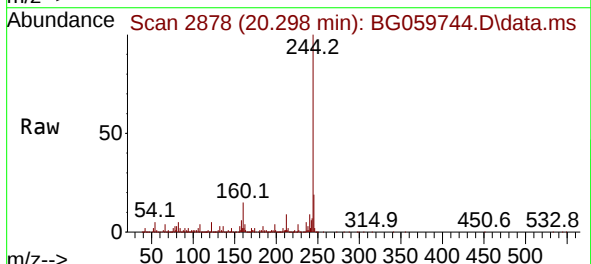
Instrument :
BNA_G
ClientSampleId :

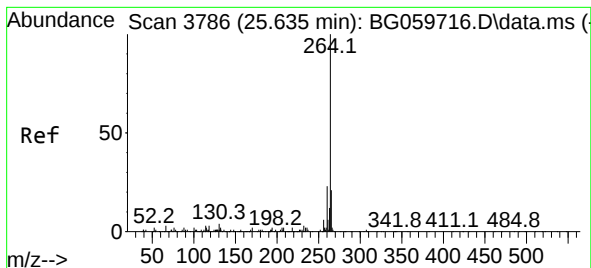
Tgt Ion:184 Resp: 32653
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 103.336 ng
RT: 20.298 min Scan# 2878
Delta R.T. 0.003 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

Tgt Ion:244 Resp: 1004239
Ion Ratio Lower Upper
244 100
212 8.6 6.6 10.0
122 5.3 4.4 6.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.627 min Scan# 31

Delta R.T. -0.008 min

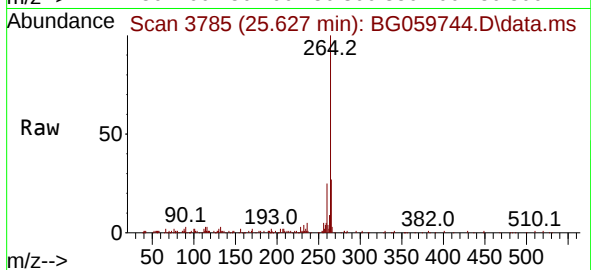
Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 172170

Ion Ratio Lower Upper

264 100

260 25.1 18.5 27.7

265 27.2 17.0 25.6#

