

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 :
 MW-12

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)

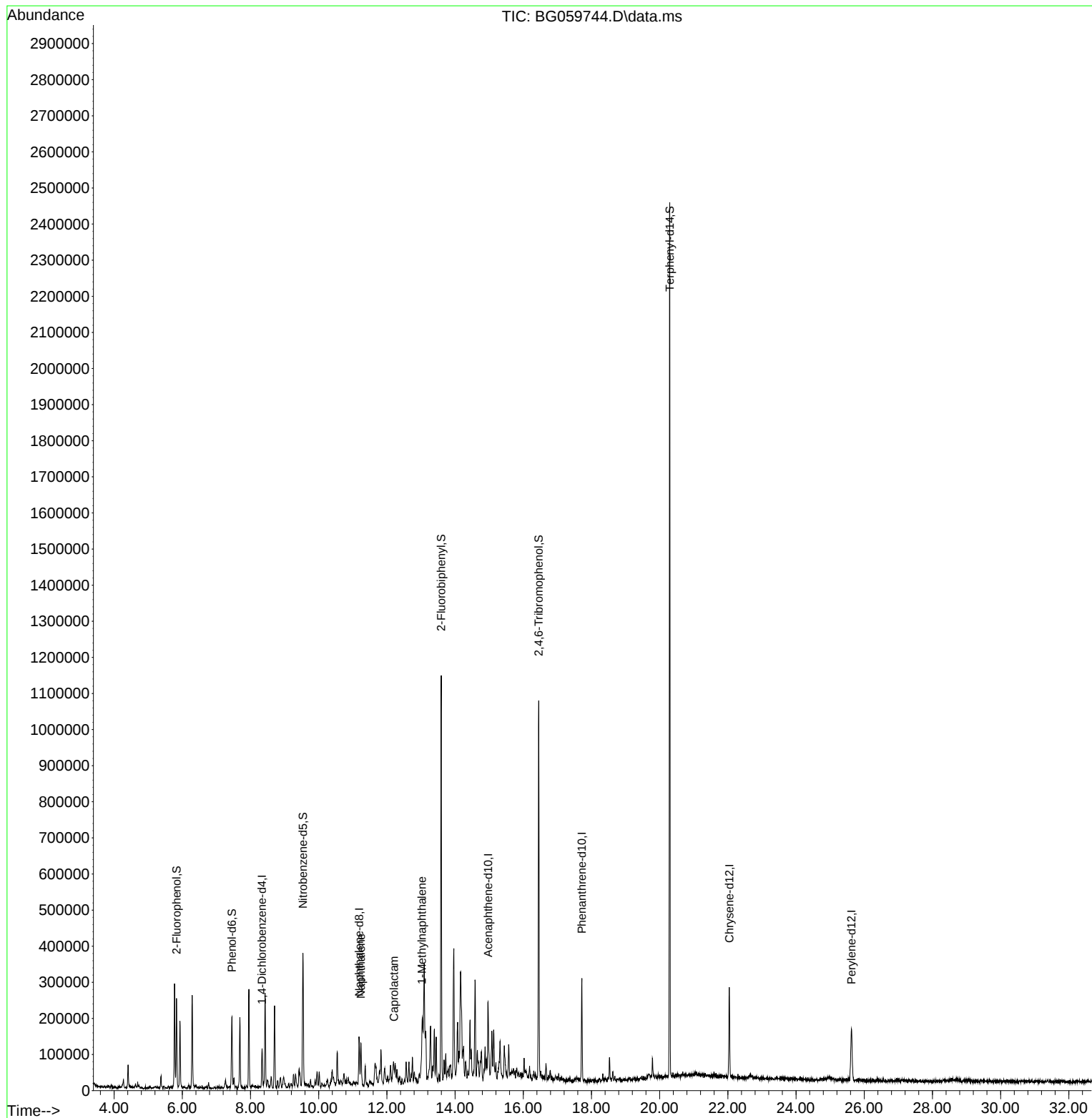
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	19322	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	82447	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	62799	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	148660	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	143465	20.000	ng	0.00
86) Perylene-d12	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
31) Naphthalene	11.238	128	70889	17.099	ng	# 94
35) Caprolactam	12.207	113	17841	38.580	ng	# 52
38) 1-Methylnaphthalene	13.030	142	9690	3.009	ng	# 77

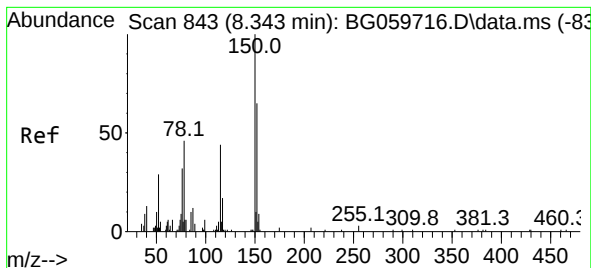
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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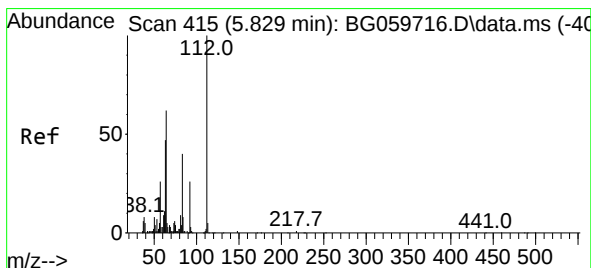
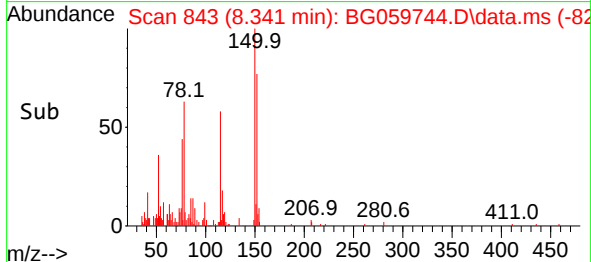
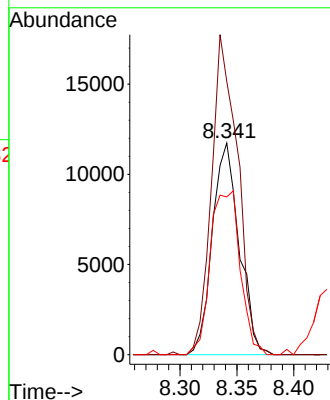
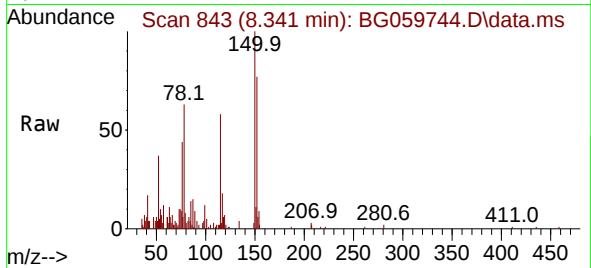




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 843
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

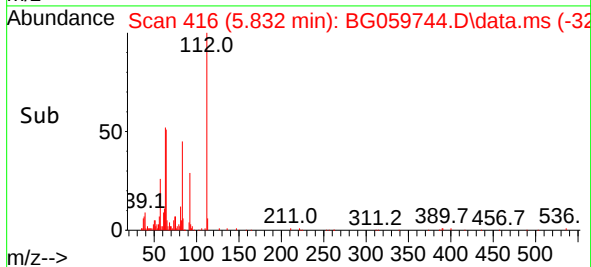
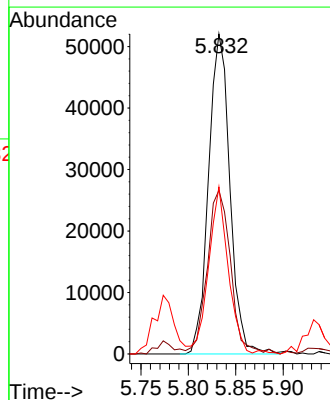
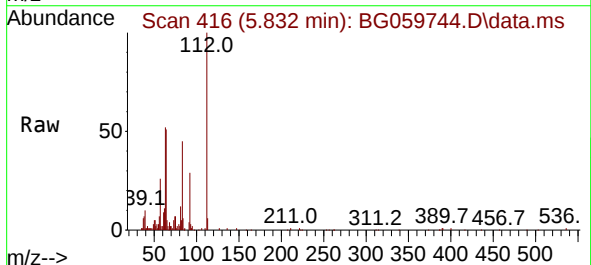
Instrument :
BNA_G
ClientSampleId :
MW-12

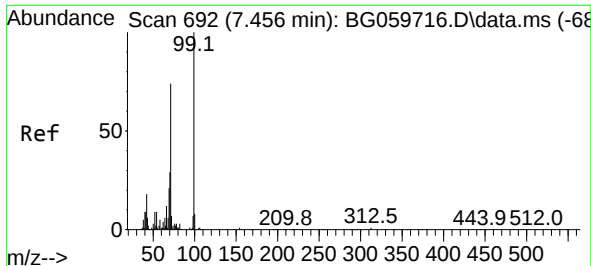
Tgt Ion:152 Resp: 19322
Ion Ratio Lower Upper
152 100
150 129.1 122.2 183.4
115 74.6 54.2 81.4



#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

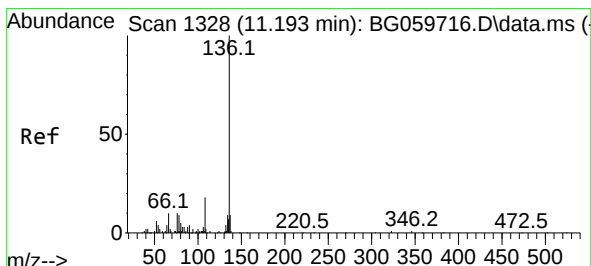
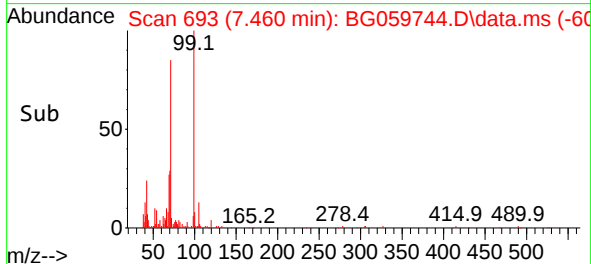
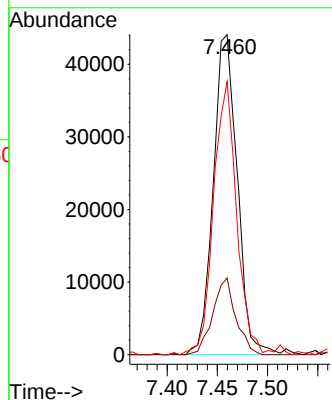
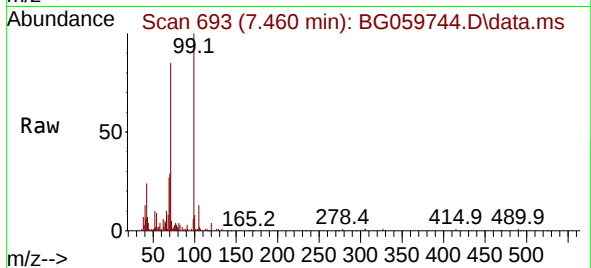




#7
Phenol-d6
Concen: 43.083 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

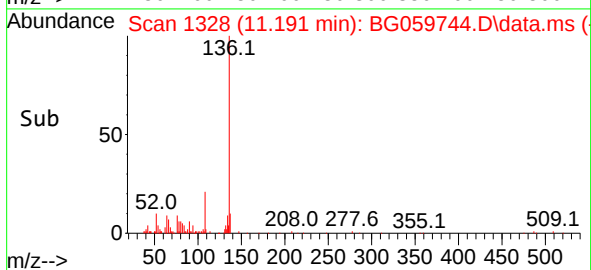
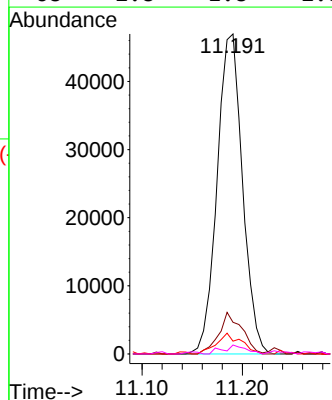
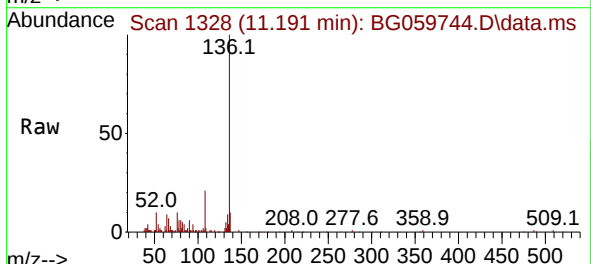
Instrument :
BNA_G
ClientSampleId :
MW-12

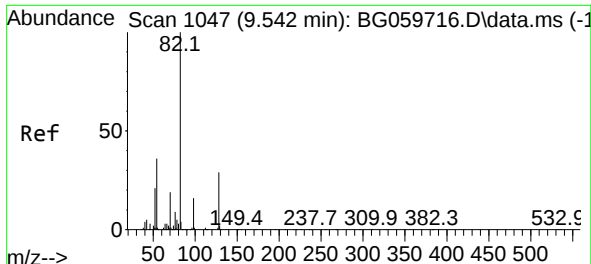
Tgt Ion: 99 Resp: 73292
Ion Ratio Lower Upper
99 100
42 23.9 14.3 21.5#
71 85.3 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1328
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

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#

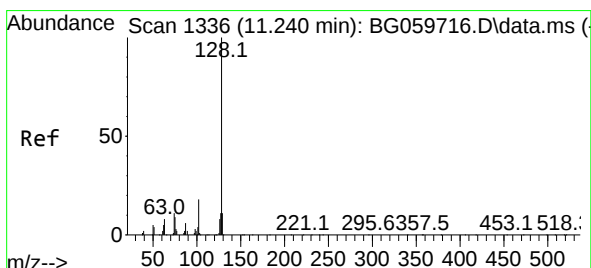
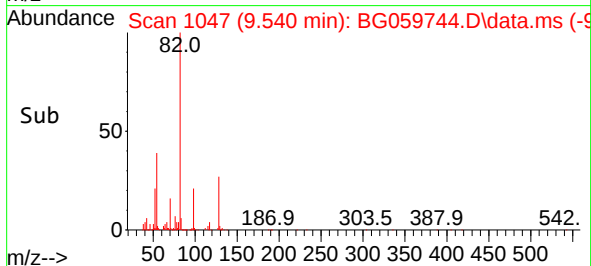
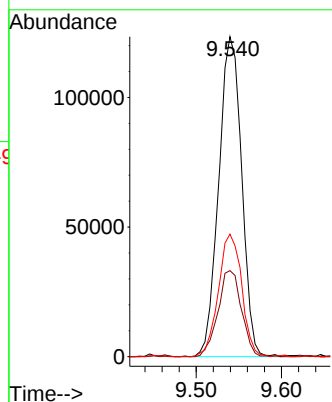
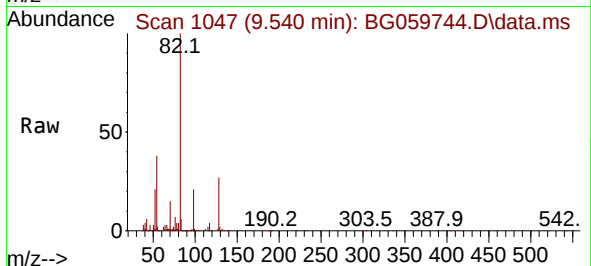




#23
Nitrobenzene-d5
Concen: 107.002 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

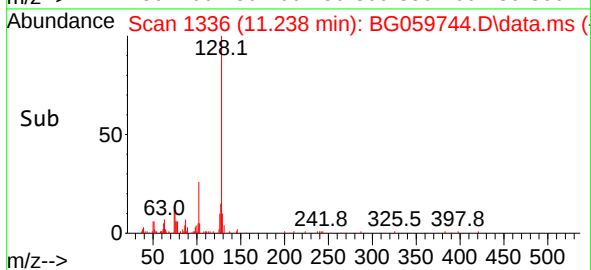
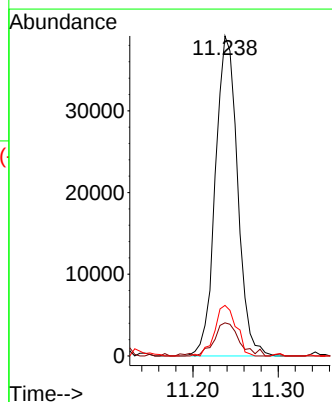
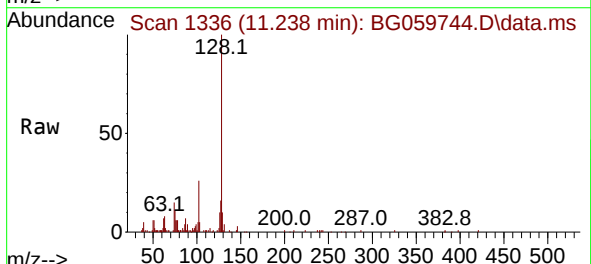
Instrument :
BNA_G
ClientSampleId :
MW-12

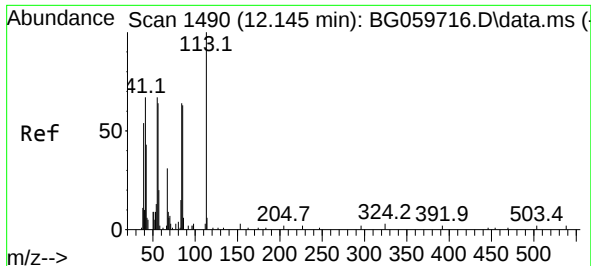
Tgt Ion: 82 Resp: 230991
Ion Ratio Lower Upper
82 100
128 26.9 23.0 34.6
54 38.3 28.7 43.1



#31
Naphthalene
Concen: 17.099 ng
RT: 11.238 min Scan# 1336
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

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#

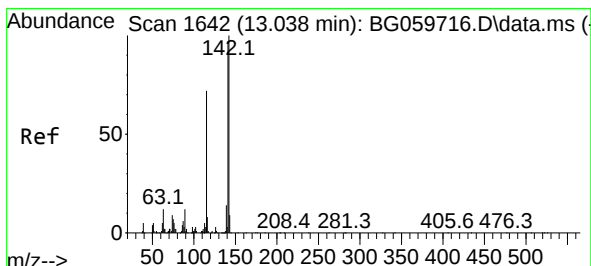
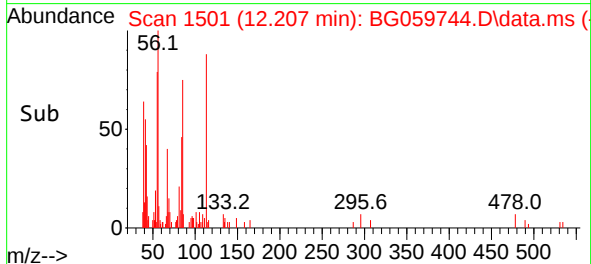
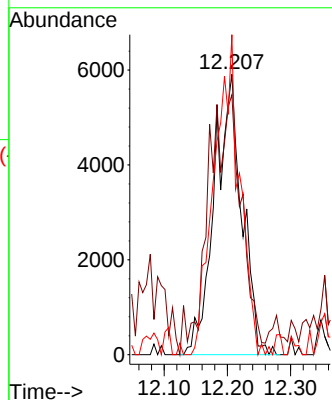
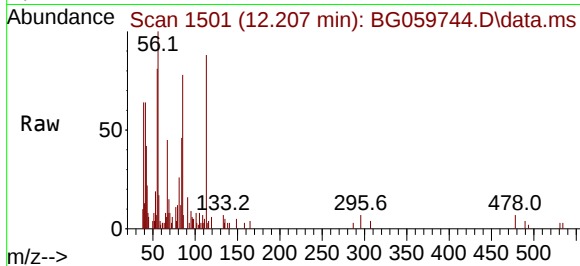




#35
Caprolactam
Concen: 38.580 ng
RT: 12.207 min Scan# 1
Delta R.T. 0.062 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

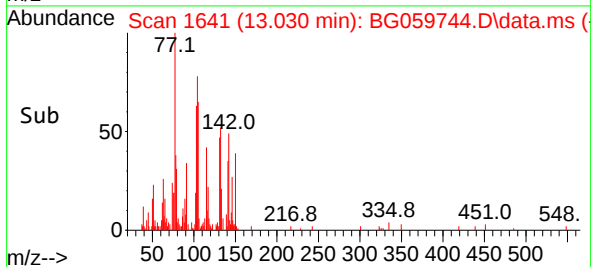
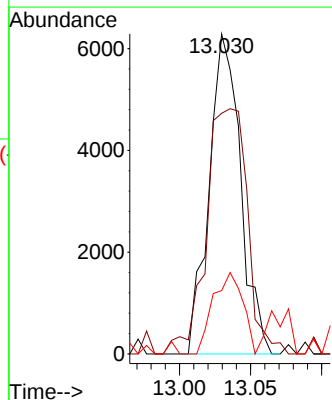
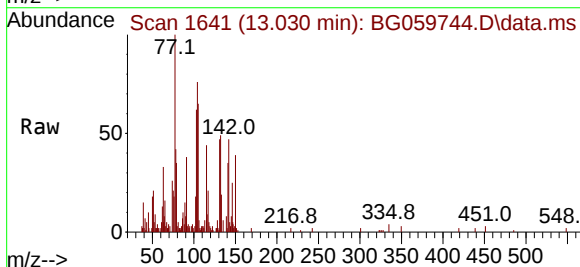
Instrument :
BNA_G
ClientSampleId :
MW-12

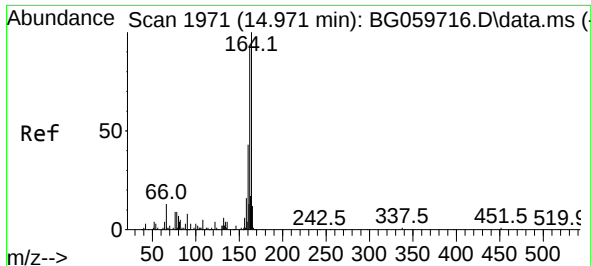
Tgt Ion:113 Resp: 17841
Ion Ratio Lower Upper
113 100
55 92.7 47.1 87.1#
56 114.1 43.7 83.7#



#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:142 Resp: 9690
Ion Ratio Lower Upper
142 100
141 75.2 77.8 116.8#
116 19.8 6.2 9.2#

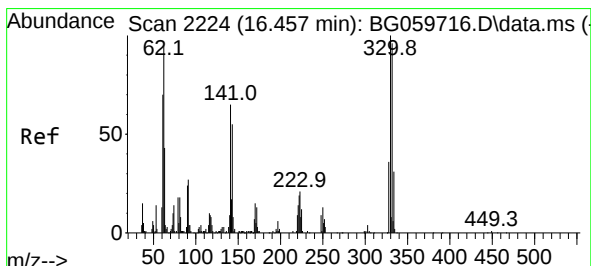
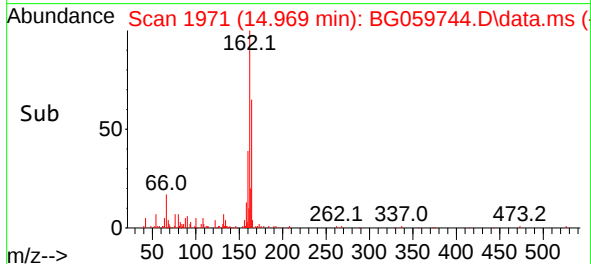
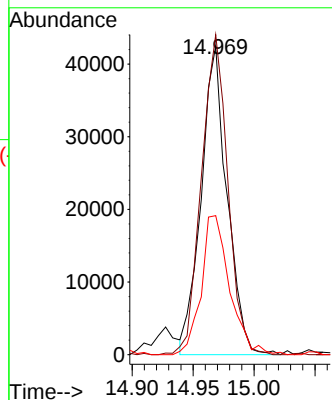
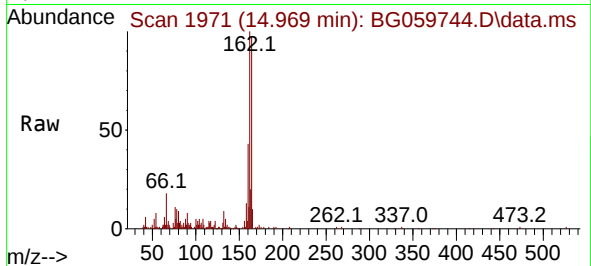




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

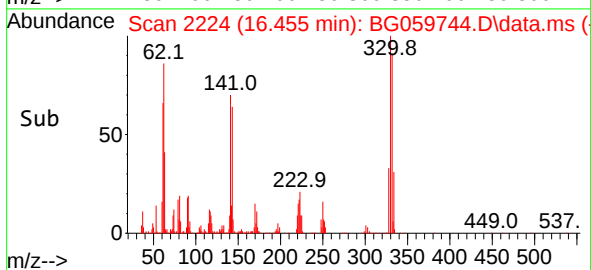
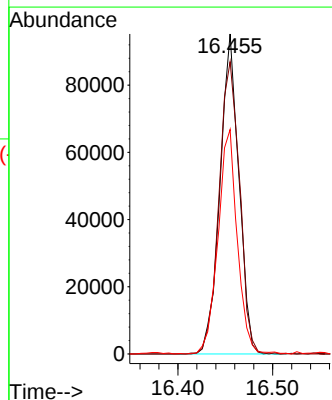
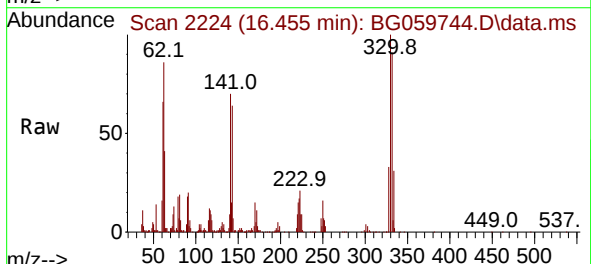
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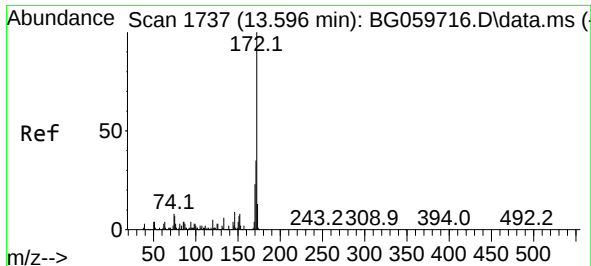
Tgt Ion:164 Resp: 62799
Ion Ratio Lower Upper
164 100
162 103.6 73.3 109.9
160 45.0 34.1 51.1



#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

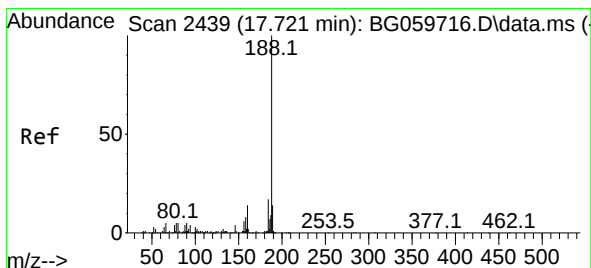
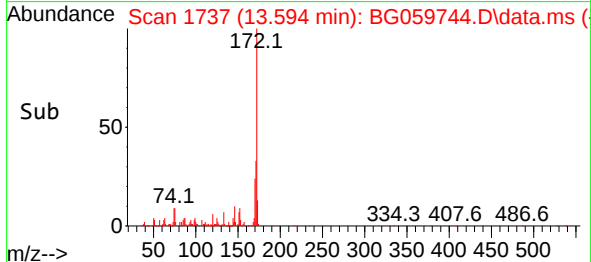
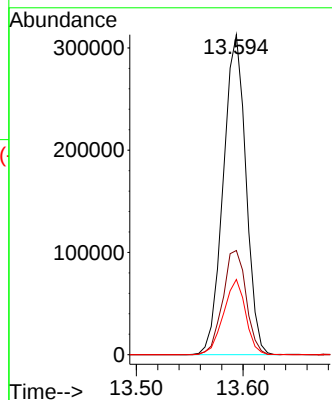
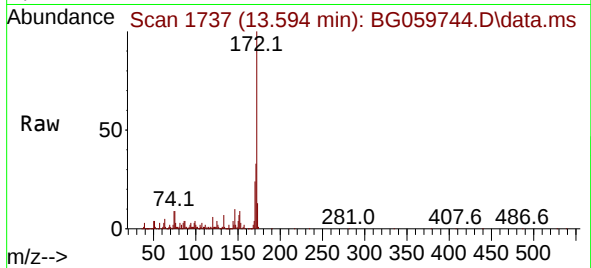




#45
2-Fluorobiphenyl
Concen: 98.912 ng
RT: 13.594 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059744.D
Acq: 18 Nov 2023 00:19

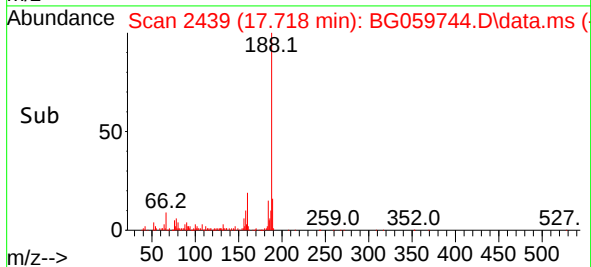
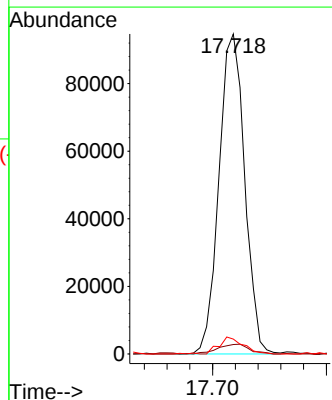
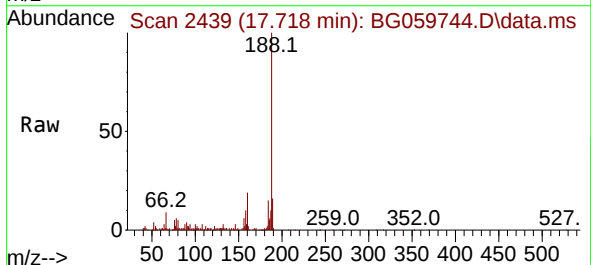
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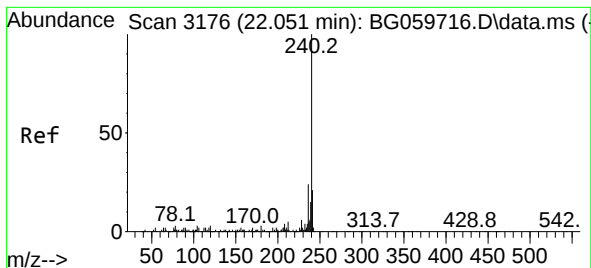
Tgt Ion:172 Resp: 461467
Ion Ratio Lower Upper
172 100
171 32.5 27.7 41.5
170 23.5 18.4 27.6



#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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG059744.D

Acq: 18 Nov 2023 00:19

Instrument :

BNA_G

ClientSampleId :

MW-12

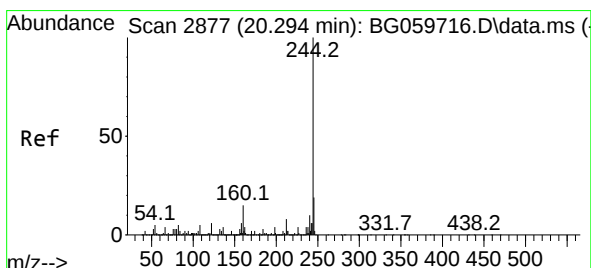
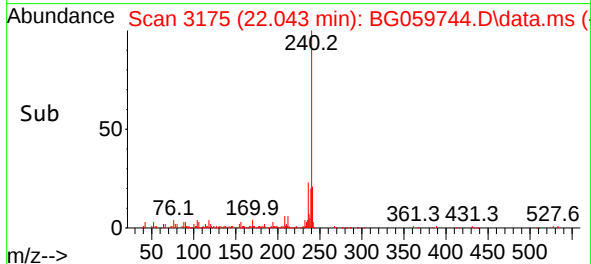
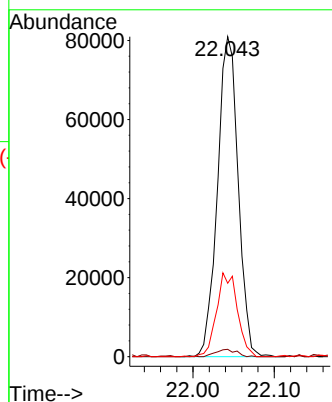
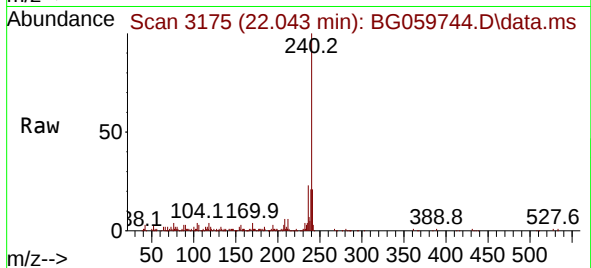
Tgt Ion:240 Resp: 143465

Ion Ratio Lower Upper

240 100

120 2.3 2.2 3.2

236 22.9 19.4 29.2



#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

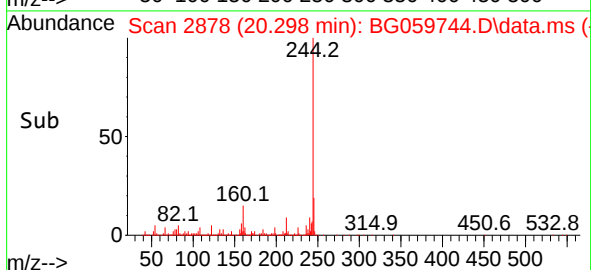
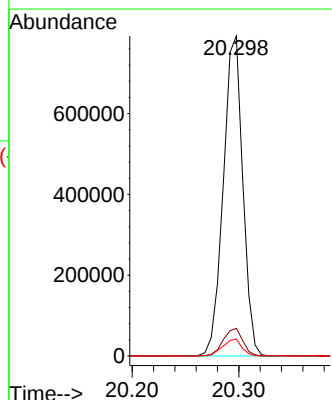
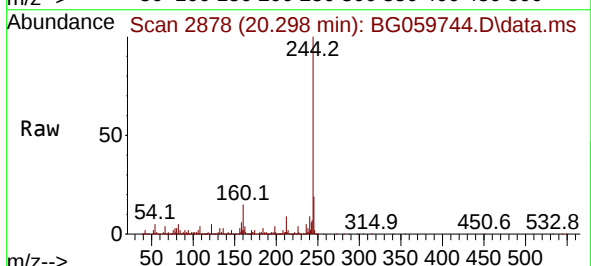
Tgt Ion:244 Resp: 1004239

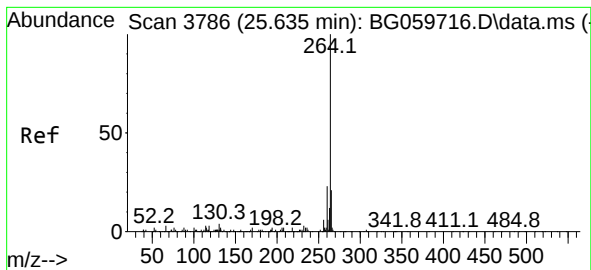
Ion Ratio Lower Upper

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 :
 MW-12

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#

