

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051168.D
 Acq On : 22 Nov 2021 13:08
 Operator : CG/JU
 Sample : M4768-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Nov 22 17:17:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

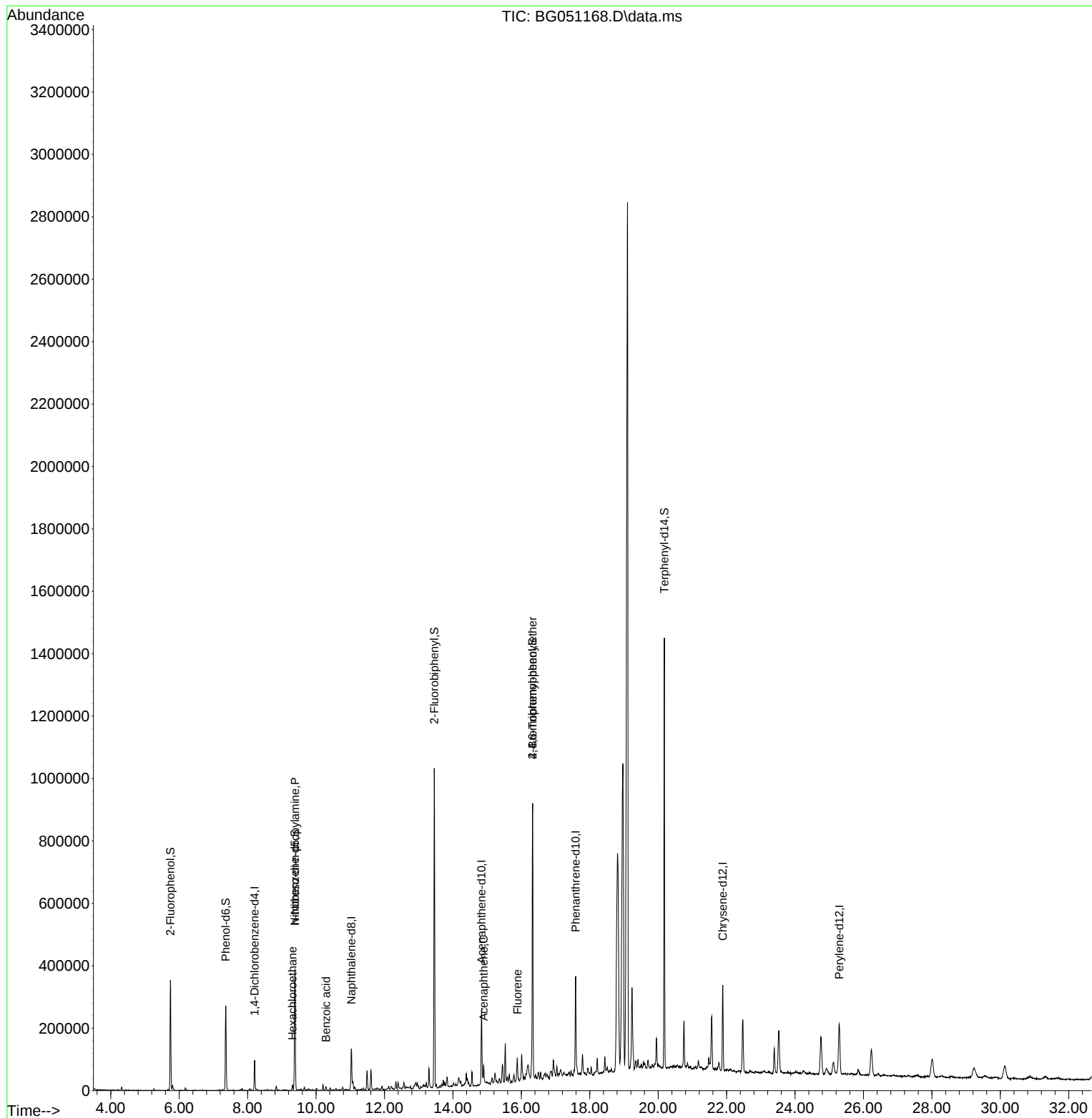
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	27075	20.000	ng	0.00
21) Naphthalene-d8	11.031	136	113757	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	76867	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	180765	20.000	ng	# 0.00
76) Chrysene-d12	21.889	240	173602	20.000	ng	# 0.00
86) Perylene-d12	25.291	264	173694	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	154624	88.282	ng	0.00
7) Phenol-d6	7.359	99	163608	66.322	ng	0.00
23) Nitrobenzene-d5	9.380	82	257791	103.447	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	142571	174.506	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	522229	102.518	ng	0.00
79) Terphenyl-d14	20.179	244	647936	68.230	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.316	117	6885	9.037	ng	# 12
19) n-Nitroso-di-n-propyla...	9.386	70	35397	19.439	ng	# 66
32) Benzoic acid	10.291	122	57	4.235	ng	# 1
52) Acenaphthene	14.897	154	10379	2.550	ng	91
58) Fluorene	15.884	166	30586	5.511	ng	99
67) 4-Bromophenyl-phenylether	16.331	248	11175	5.716	ng	# 1

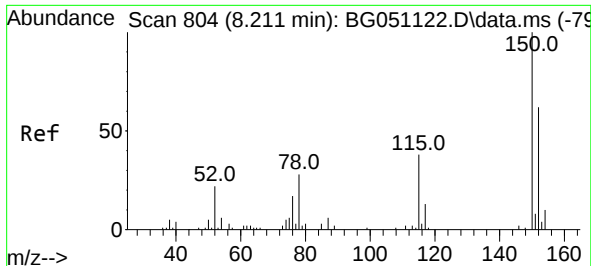
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

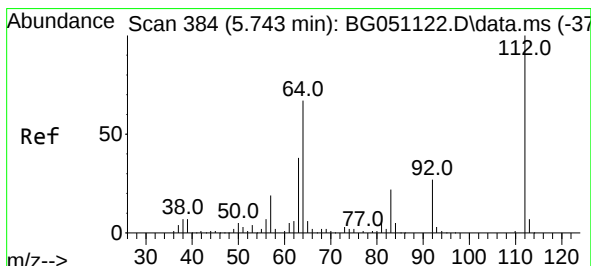
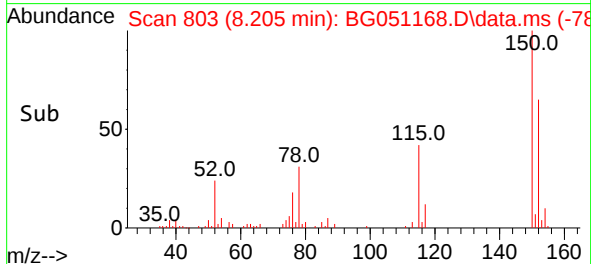
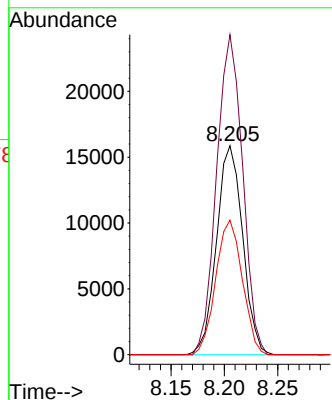
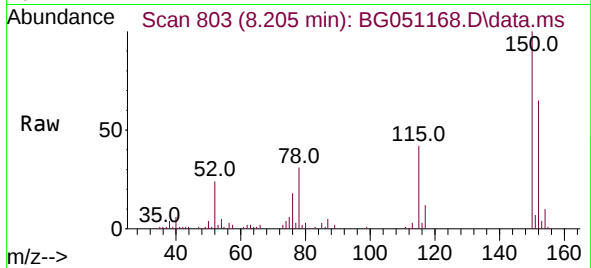




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

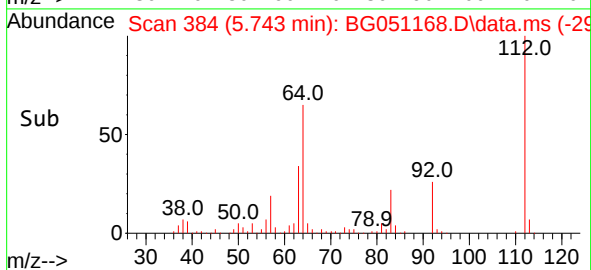
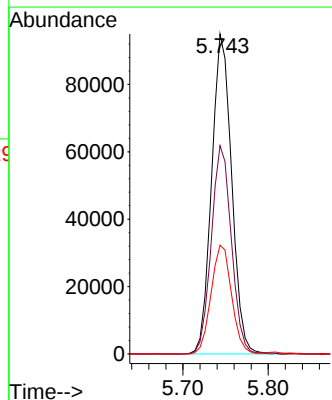
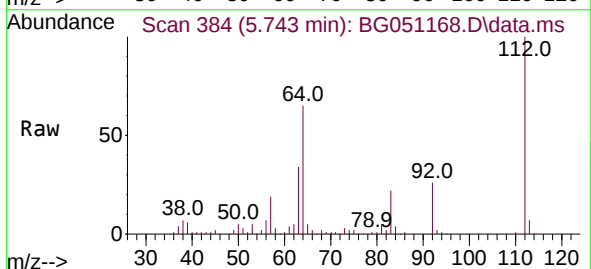
Instrument :
BNA_G
ClientSampleId :
MW-2

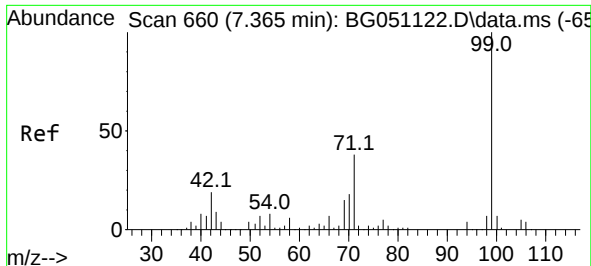
Tgt Ion:152 Resp: 27075
Ion Ratio Lower Upper
152 100
150 153.2 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 88.282 ng
RT: 5.743 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

Tgt Ion:112 Resp: 154624
Ion Ratio Lower Upper
112 100
64 65.1 46.7 70.1
63 34.0 35.3 52.9#

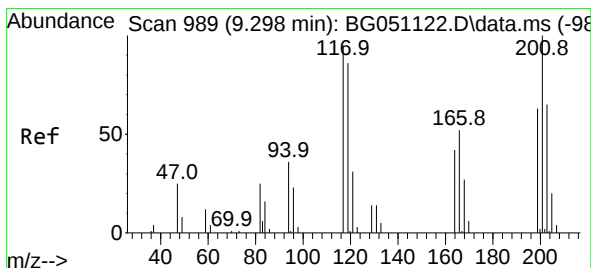
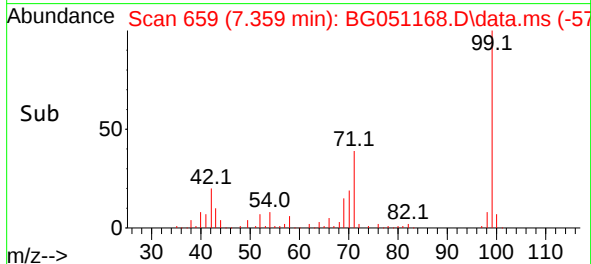
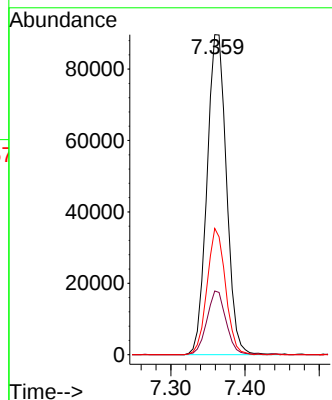
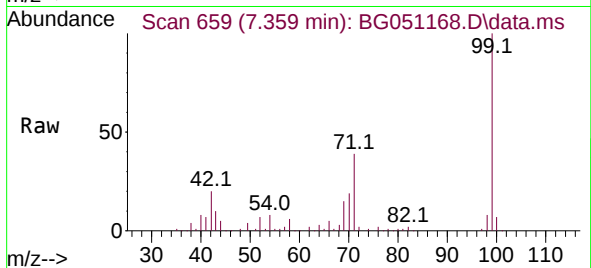




#7
Phenol-d6
Concen: 66.322 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

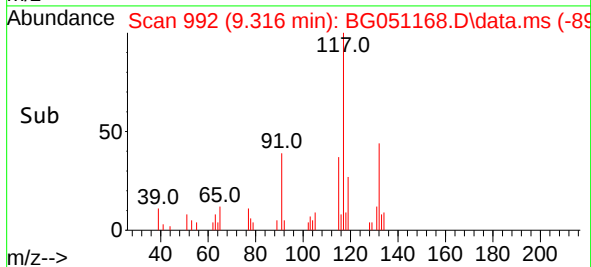
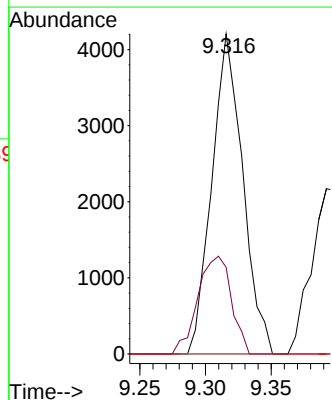
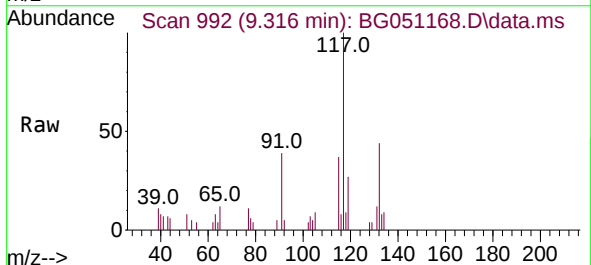
Instrument :
BNA_G
ClientSampleId :
MW-2

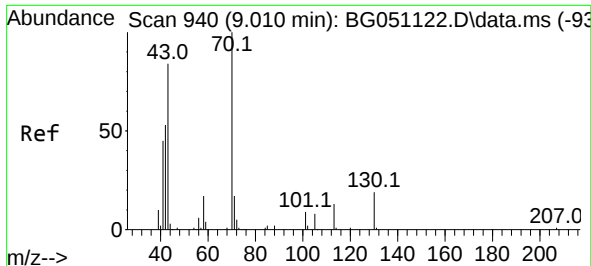
Tgt Ion: 99 Resp: 163608
Ion Ratio Lower Upper
99 100
42 19.9 20.5 30.7#
71 39.4 41.5 62.3#



#18
Hexachloroethane
Concen: 9.037 ng
RT: 9.316 min Scan# 992
Delta R.T. 0.018 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

Tgt Ion: 117 Resp: 6885
Ion Ratio Lower Upper
117 100
119 27.1 74.4 111.6#
201 0.0 88.6 133.0#

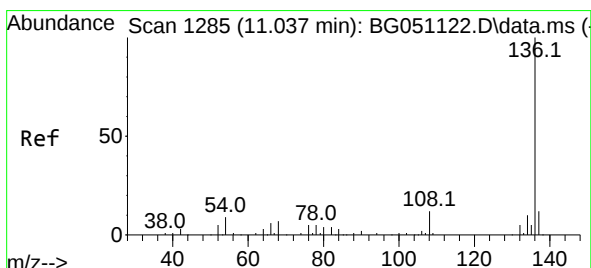
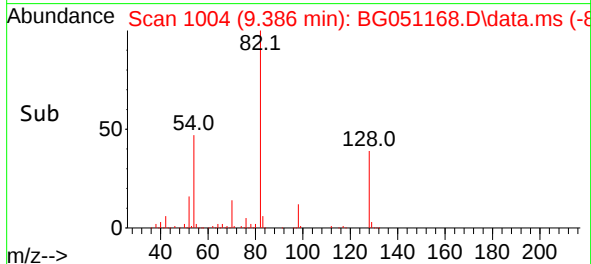
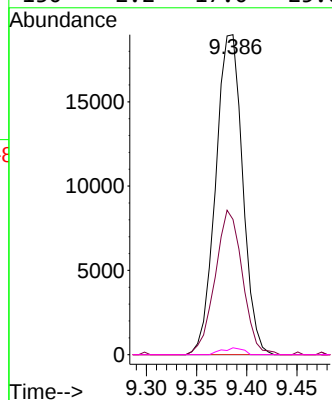
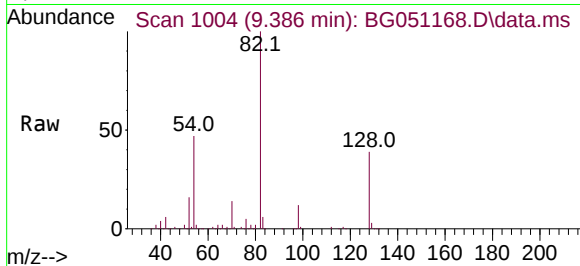




#19
n-Nitroso-di-n-propylamine
Concen: 19.439 ng
RT: 9.386 min Scan# 1004
Delta R.T. 0.376 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

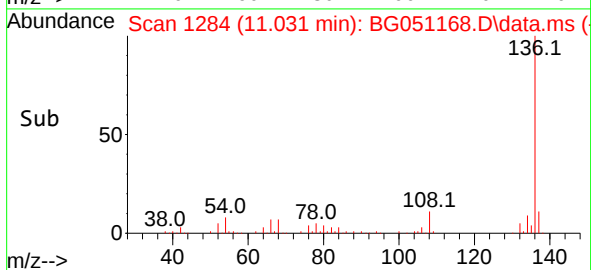
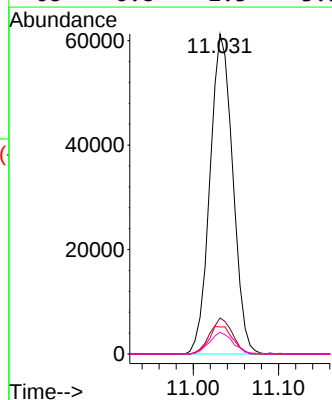
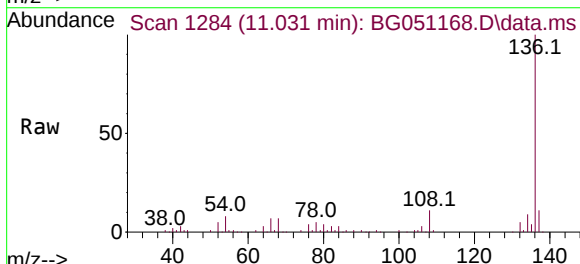
Instrument :
BNA_G
ClientSampleId :
MW-2

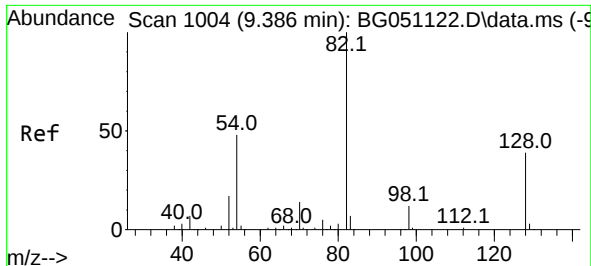
Tgt Ion:	70	Resp:	35397
Ion	Ratio	Lower	Upper
70	100		
42	42.3	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

Tgt Ion:	136	Resp:	113757
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	8.4	5.5	8.3#
68	6.8	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 103.447 ng

RT: 9.380 min Scan# 110

Delta R.T. -0.006 min

Lab File: BG051168.D

Acq: 22 Nov 2021 13:08

Instrument :

BNA_G

ClientSampleId :

MW-2

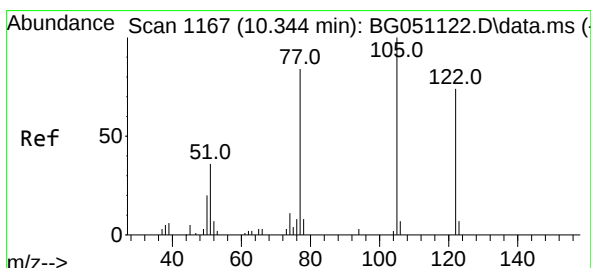
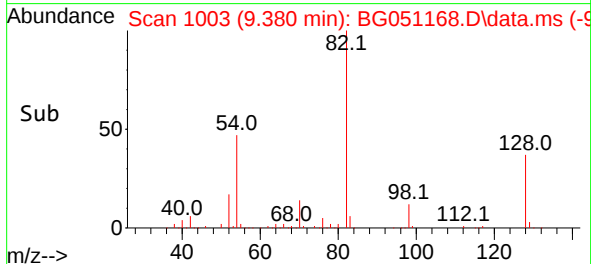
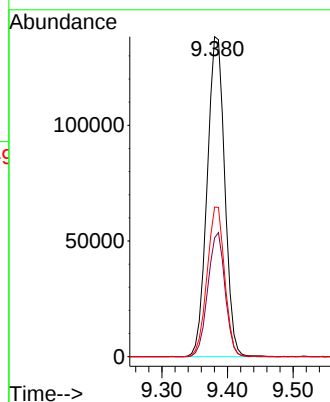
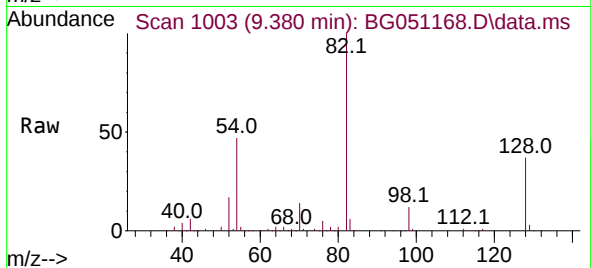
Tgt Ion: 82 Resp: 257791

Ion Ratio Lower Upper

82 100

128 37.1 29.8 44.6

54 46.8 45.8 68.8



#32

Benzoic acid

Concen: 4.235 ng

RT: 10.291 min Scan# 1158

Delta R.T. -0.053 min

Lab File: BG051168.D

Acq: 22 Nov 2021 13:08

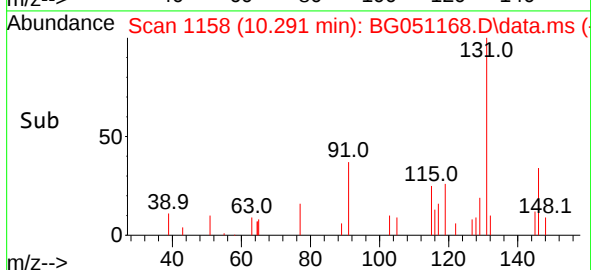
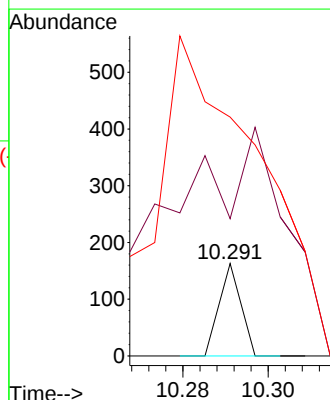
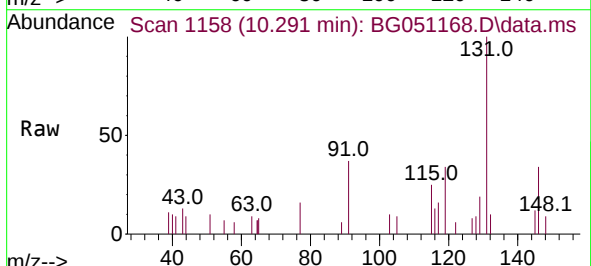
Tgt Ion:122 Resp: 57

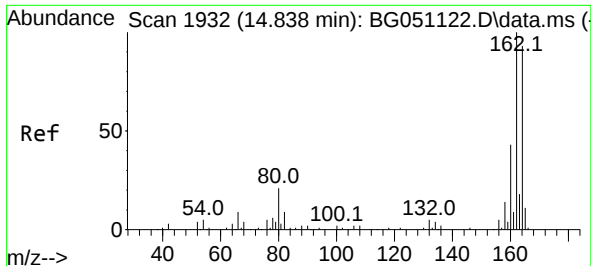
Ion Ratio Lower Upper

122 100

105 148.5 92.3 132.3#

77 258.3 66.5 106.5#

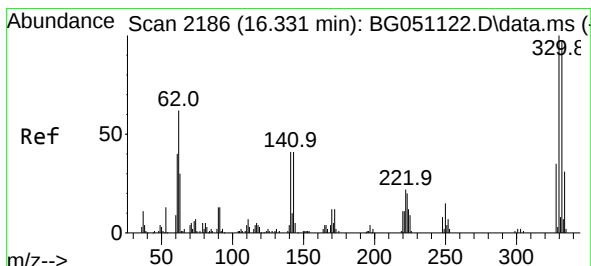
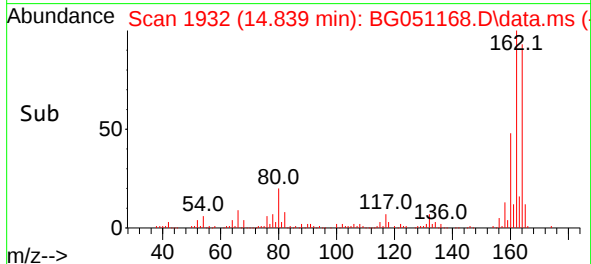
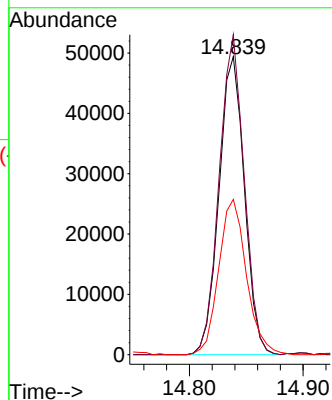
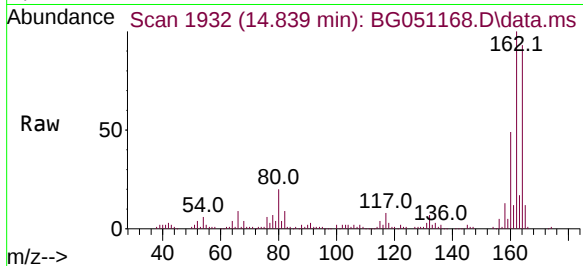




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 1932
Delta R.T. 0.001 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

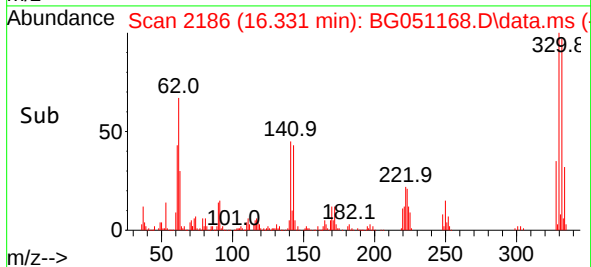
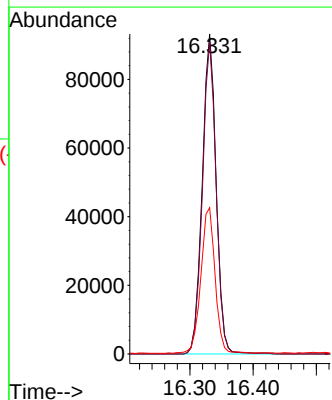
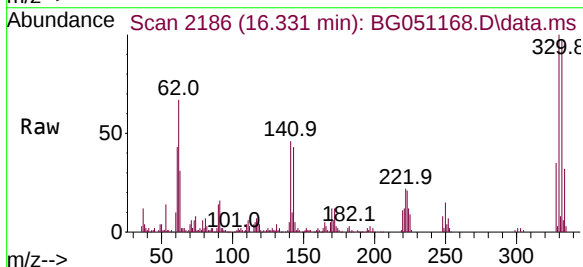
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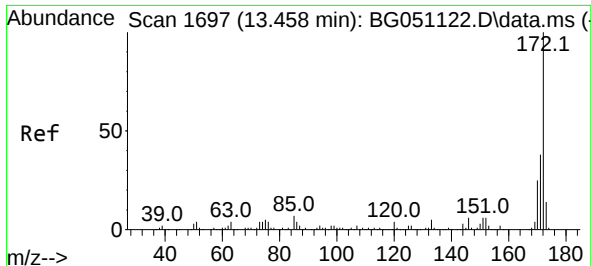
Tgt Ion:164 Resp: 76867
Ion Ratio Lower Upper
164 100
162 107.4 81.4 122.0
160 52.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 174.506 ng
RT: 16.331 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

Tgt Ion:330 Resp: 142571
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 46.8 35.6 53.4

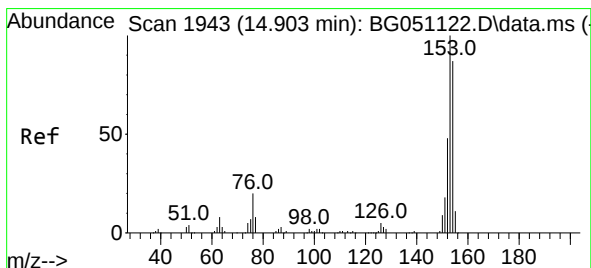
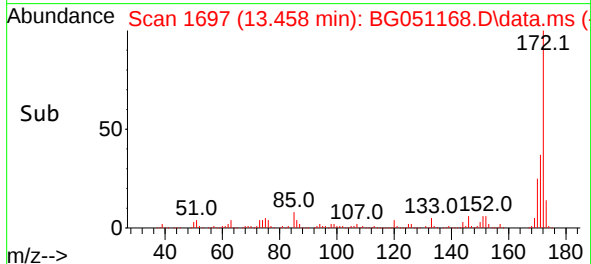
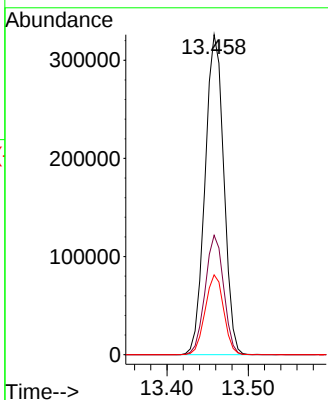
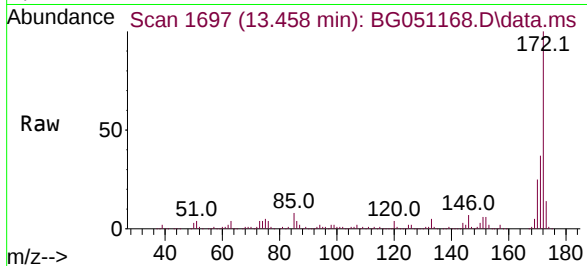




#45
2-Fluorobiphenyl
Concen: 102.518 ng
RT: 13.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

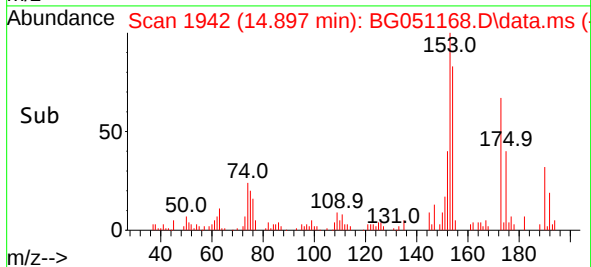
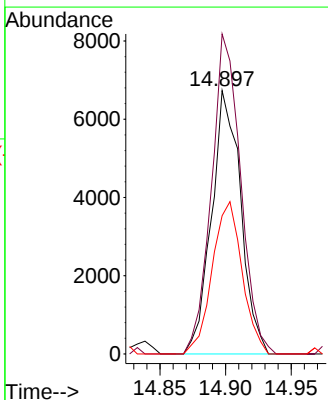
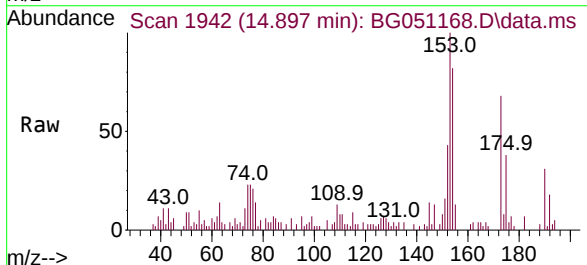
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MW-2

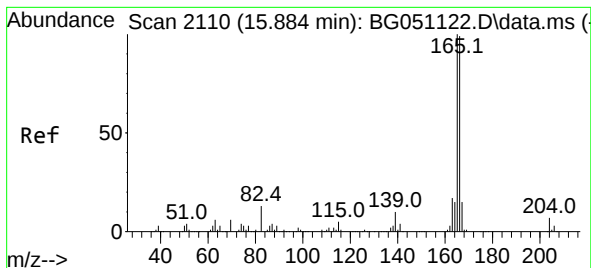
Tgt Ion:172 Resp: 522229
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.9 18.6 27.8



#52
Acenaphthene
Concen: 2.550 ng
RT: 14.897 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

Tgt Ion:154 Resp: 10379
Ion Ratio Lower Upper
154 100
153 121.5 87.0 130.4
152 52.5 40.1 60.1





#58

Fluorene

Concen: 5.511 ng

RT: 15.884 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BG051168.D

Acq: 22 Nov 2021 13:08

Instrument :

BNA_G

ClientSampleId :

MW-2

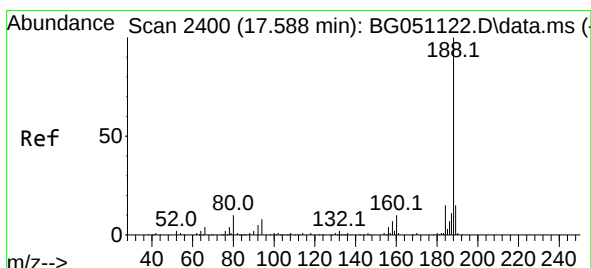
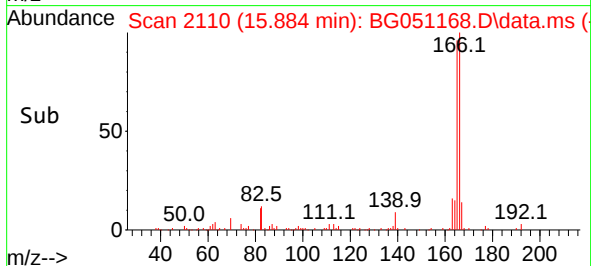
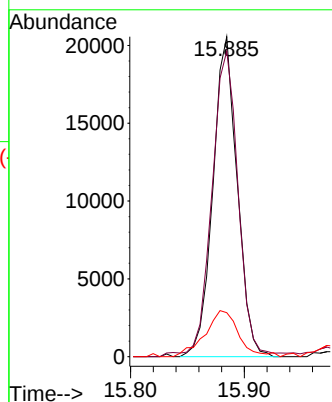
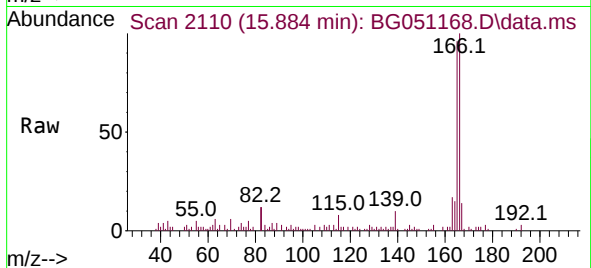
Tgt Ion:166 Resp: 30586

Ion Ratio Lower Upper

166 100

165 95.5 77.7 116.5

167 13.8 10.8 16.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.588 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BG051168.D

Acq: 22 Nov 2021 13:08

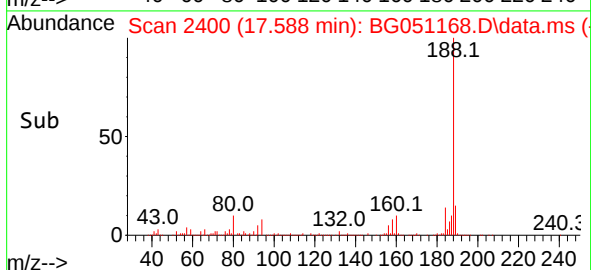
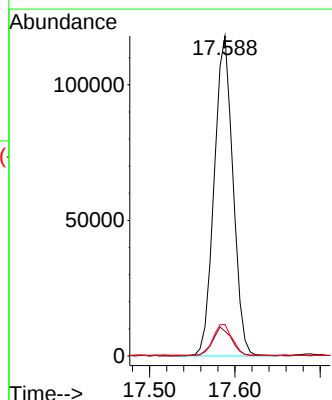
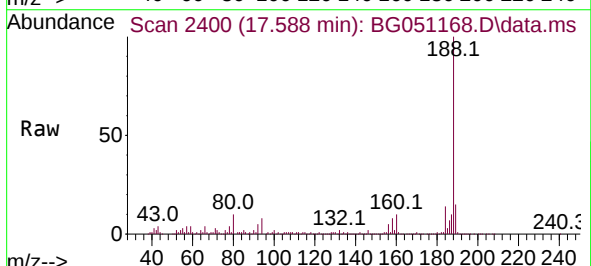
Tgt Ion:188 Resp: 180765

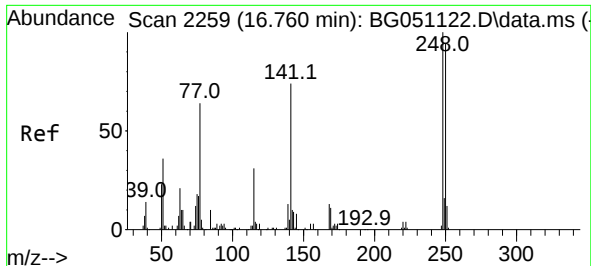
Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.0

80 9.8 3.7 5.5#

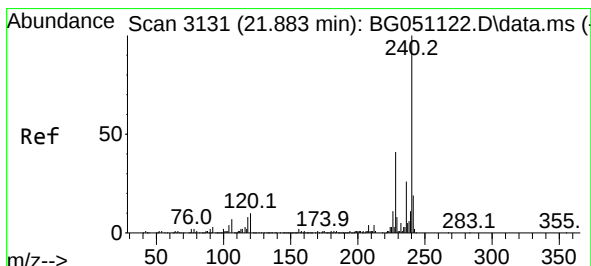
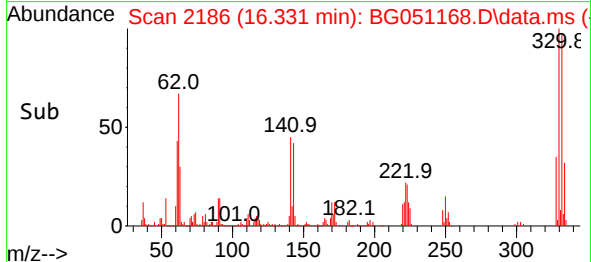
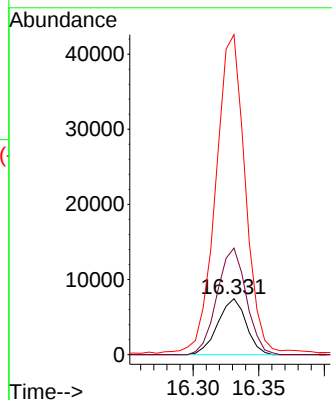
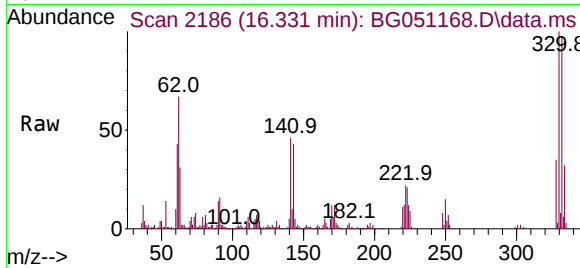




#67
4-Bromophenyl-phenylether
Concen: 5.716 ng
RT: 16.331 min Scan# 2186
Delta R.T. -0.429 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

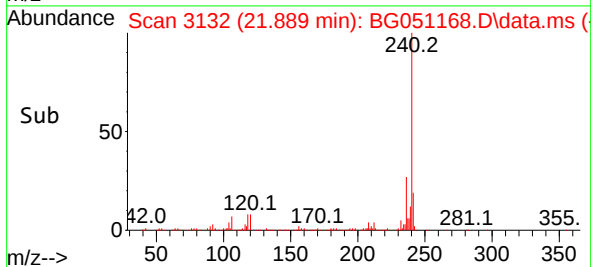
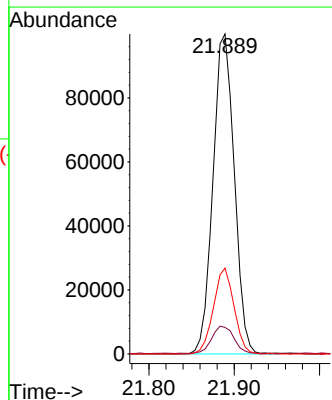
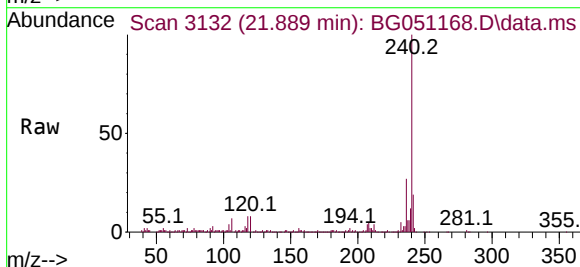
Instrument :
BNA_G
ClientSampleId :
MW-2

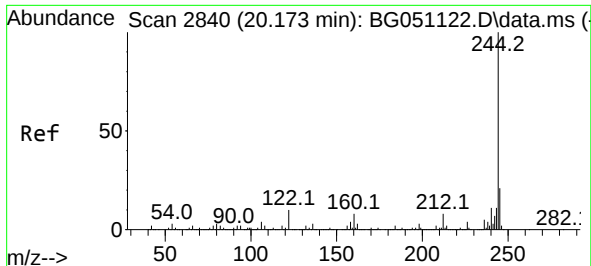
Tgt Ion:248 Resp: 11175
Ion Ratio Lower Upper
248 100
250 190.4 76.1 114.1#
141 572.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BG051168.D
Acq: 22 Nov 2021 13:08

Tgt Ion:240 Resp: 173602
Ion Ratio Lower Upper
240 100
120 8.3 4.2 6.2#
236 26.8 21.8 32.6

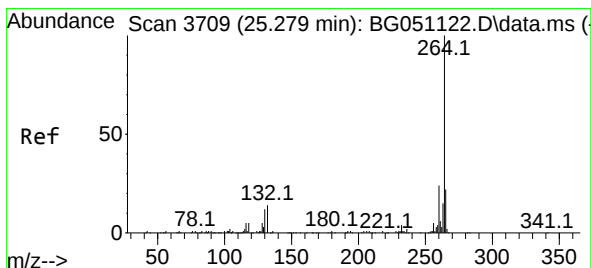
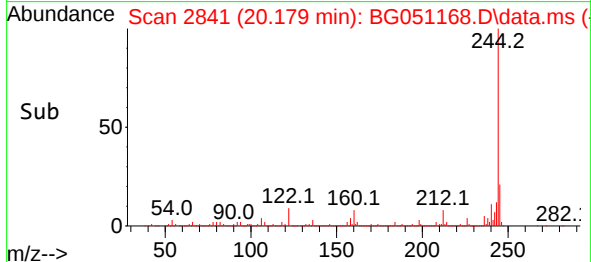
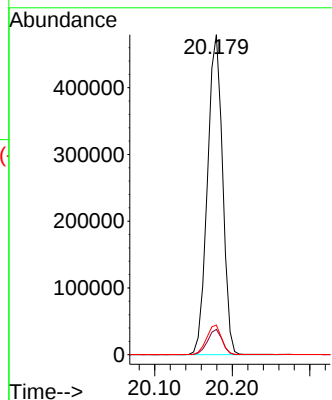
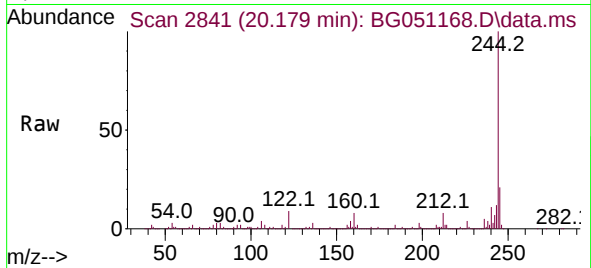




#79
 Terphenyl-d14
 Concen: 68.230 ng
 RT: 20.179 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG051168.D
 Acq: 22 Nov 2021 13:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 647936
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 9.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 3711
 Delta R.T. 0.012 min
 Lab File: BG051168.D
 Acq: 22 Nov 2021 13:08

Tgt Ion:264 Resp: 173694
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 20.2 16.9 25.3

