

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051084.D
 Acq On : 17 Nov 2021 2:43
 Operator : CG/JU
 Sample : M4619-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-111021

Quant Time: Nov 17 03:34:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

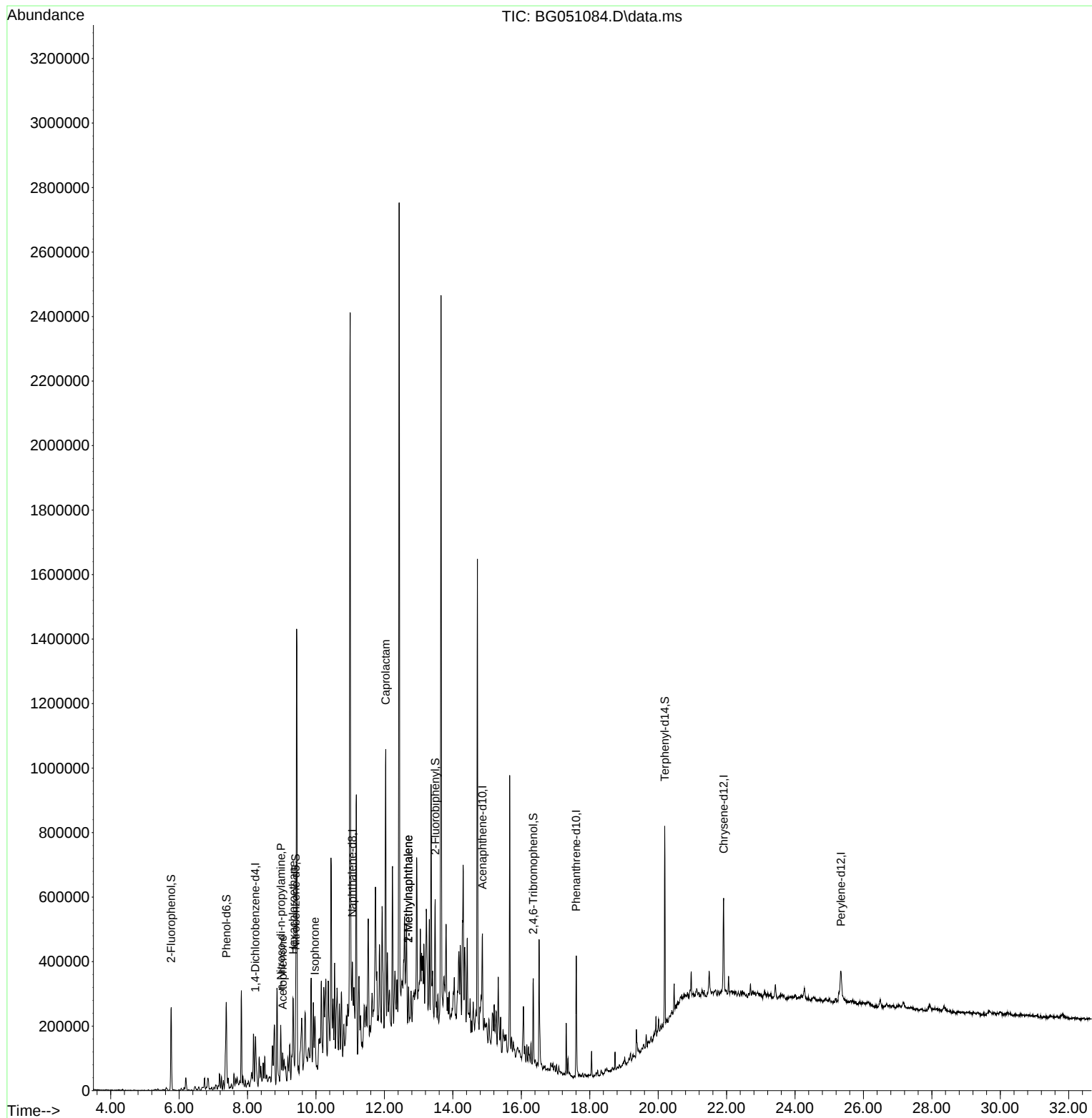
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	43911	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	166805	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	110256	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	232660	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	199594	20.000	ng	# 0.01
86) Perylene-d12	25.338	264	158954	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	117118	39.898	ng	0.00
7) Phenol-d6	7.377	99	155681	37.575	ng	0.00
23) Nitrobenzene-d5	9.404	82	110968	29.449	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	44476	40.310	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	198144	28.395	ng	0.00
79) Terphenyl-d14	20.192	244	290469	26.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.787	88	60	Below Cal	#	2
18) Hexachloroethane	9.334	117	14491	11.550	ng	# 1
19) n-Nitroso-di-n-propyla...	8.975	70	6766	2.210	ng	# 73
22) Acetophenone	9.028	105	63604	13.719	ng	# 53
25) Isophorone	9.962	82	16379	2.405	ng	# 1
35) Caprolactam	12.036	113	27700	39.592	ng	# 1
37) 2-Methylnaphthalene	12.700	142	38265	6.287	ng	94
38) 1-Methylnaphthalene	12.700	142	38265	6.433	ng	96

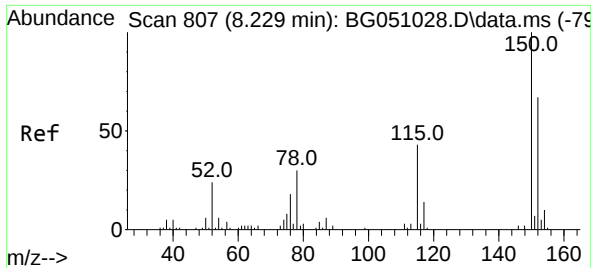
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

Quant Time: Nov 17 03:34:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

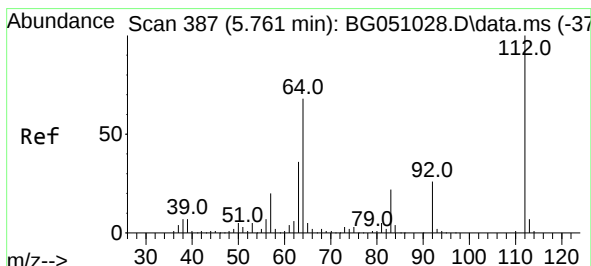
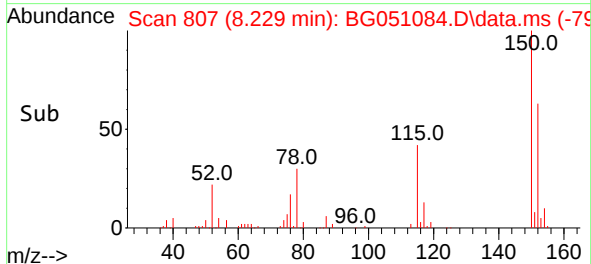
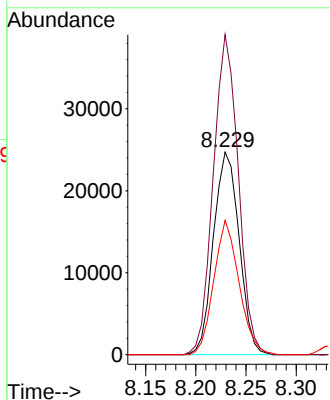
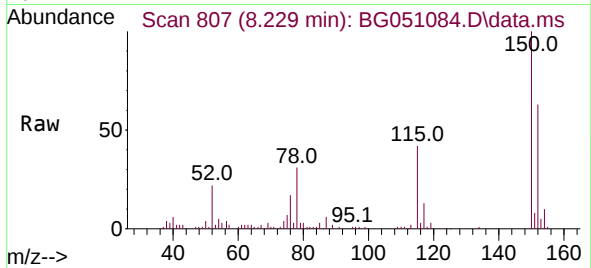




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

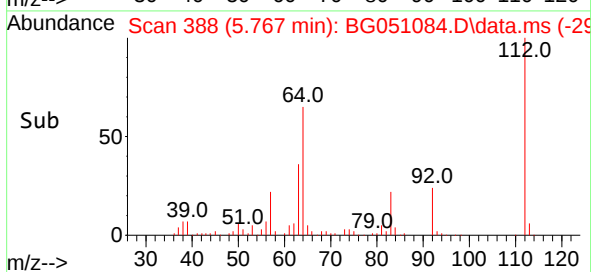
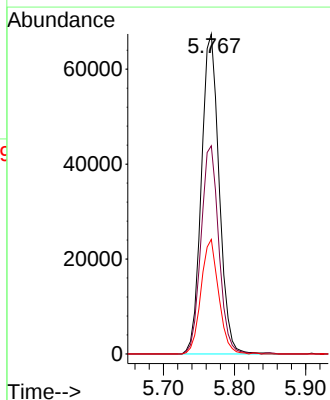
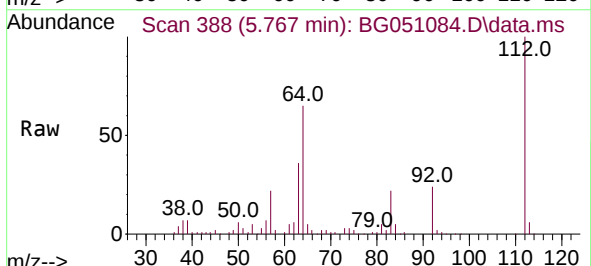
Instrument :
BNA_G
ClientSampleId :
HR-01-111021

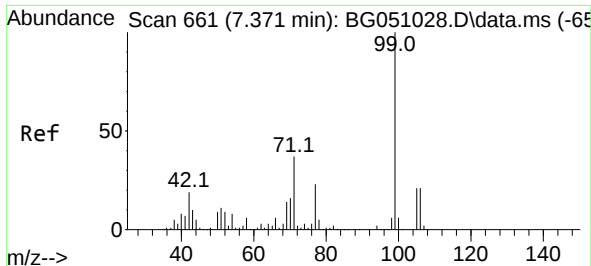
Tgt Ion:152 Resp: 43911
Ion Ratio Lower Upper
152 100
150 157.9 119.4 179.0
115 66.3 60.2 90.4



#5
2-Fluorophenol
Concen: 39.898 ng
RT: 5.767 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:112 Resp: 117118
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 35.8 35.3 52.9

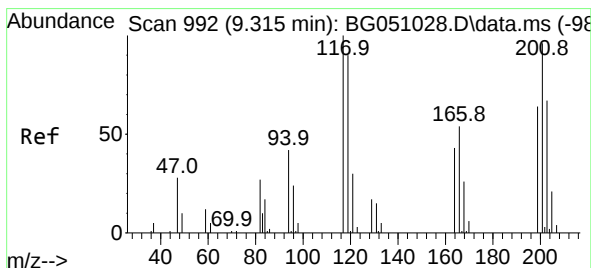
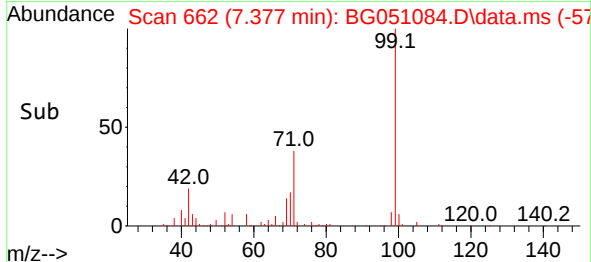
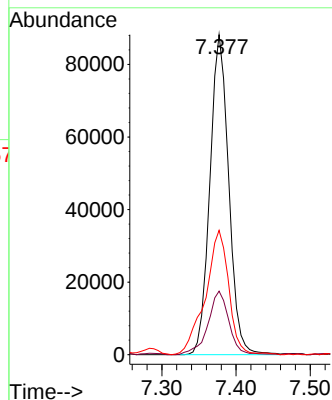
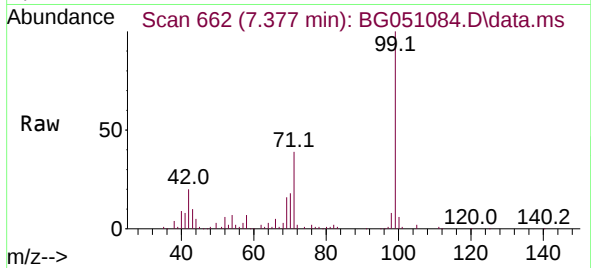




#7
Phenol-d6
Concen: 37.575 ng
RT: 7.377 min Scan# 661
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

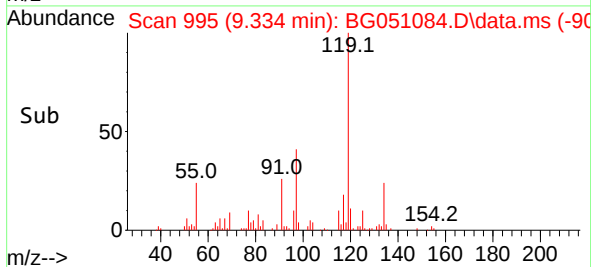
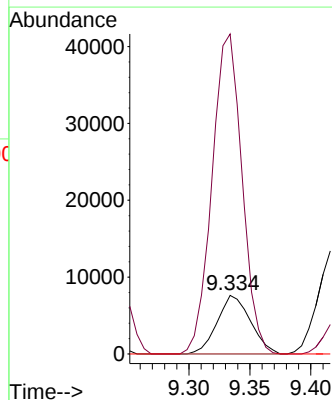
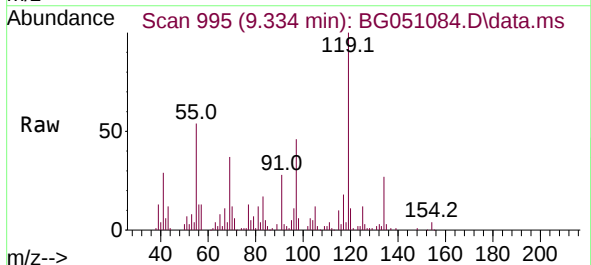
Instrument :
BNA_G
ClientSampleId :
HR-01-111021

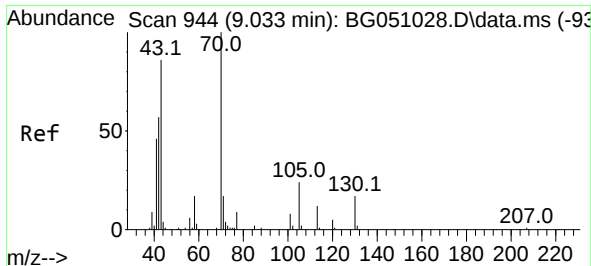
Tgt Ion: 99 Resp: 155681
Ion Ratio Lower Upper
99 100
42 19.9 20.5 30.7#
71 38.9 41.5 62.3#



#18
Hexachloroethane
Concen: 11.550 ng
RT: 9.334 min Scan# 995
Delta R.T. 0.018 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion: 117 Resp: 14491
Ion Ratio Lower Upper
117 100
119 545.9 74.4 111.6#
201 0.0 88.6 133.0#

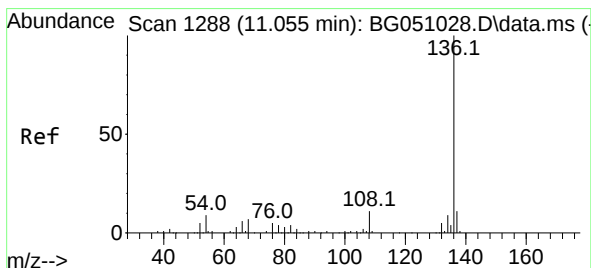
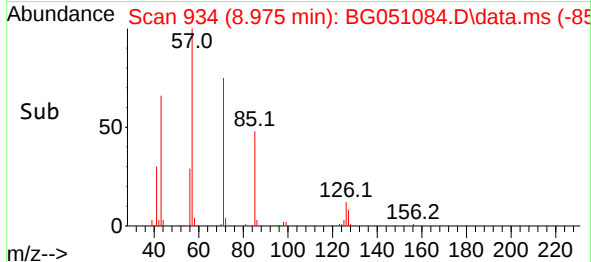
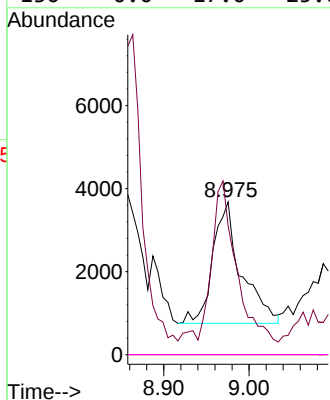
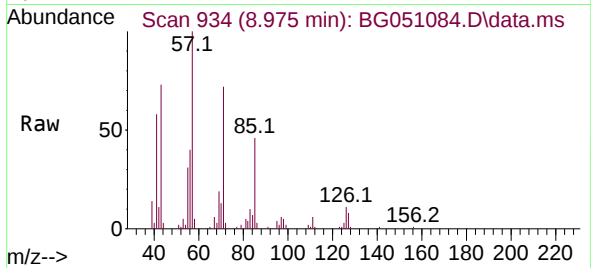




#19
n-Nitroso-di-n-propylamine
Concen: 2.210 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.058 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

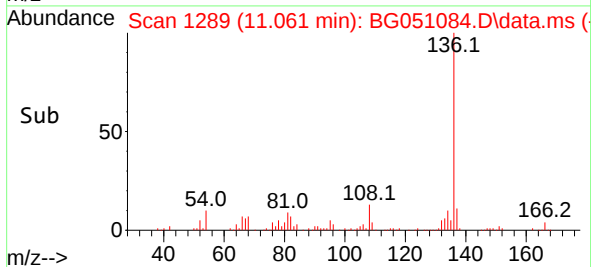
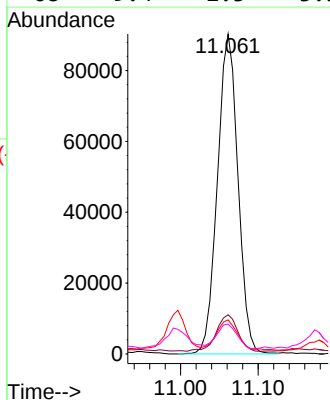
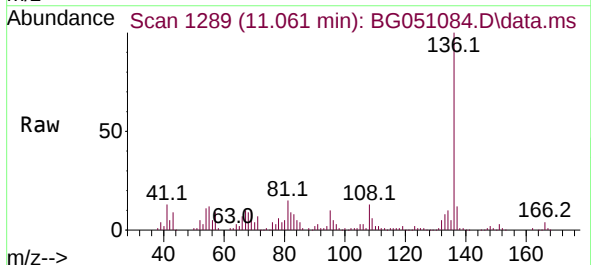
Instrument :
BNA_G
ClientSampleId :
HR-01-111021

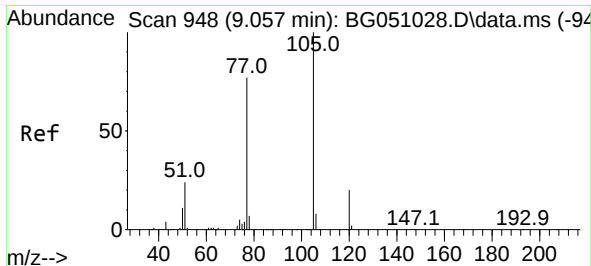
Tgt Ion: 70 Resp: 6766
Ion Ratio Lower Upper
70 100
42 84.4 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion: 136 Resp: 166805
Ion Ratio Lower Upper
136 100
137 12.2 8.2 12.2
54 10.7 5.5 8.3#
68 9.4 2.3 3.5#

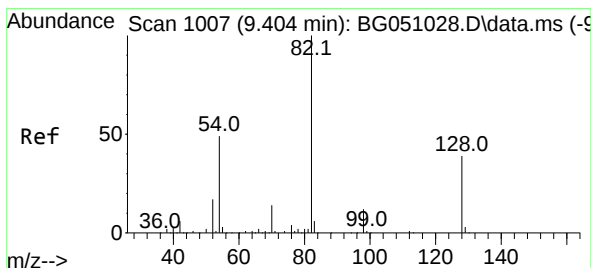
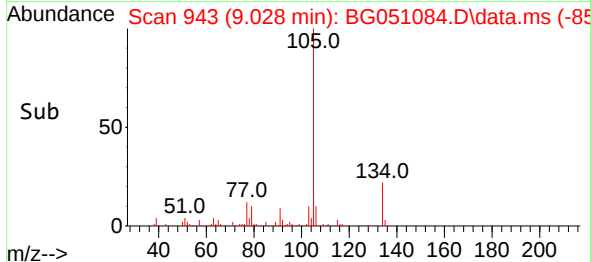
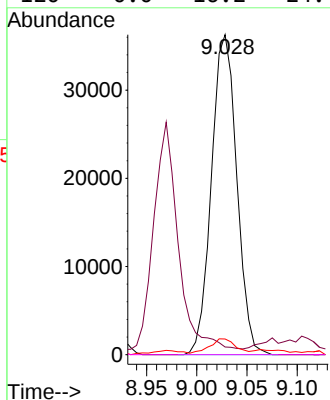
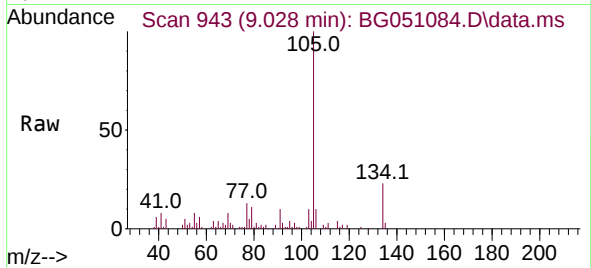




#22
Acetophenone
Concen: 13.719 ng
RT: 9.028 min Scan# 948
Delta R.T. -0.029 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

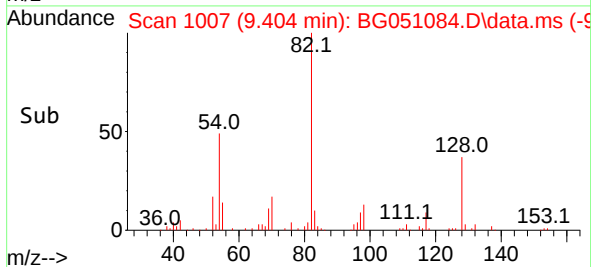
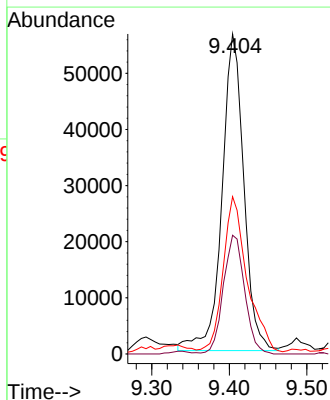
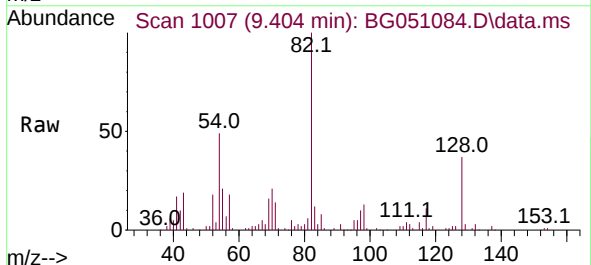
Instrument :
BNA_G
ClientSampleId :
HR-01-111021

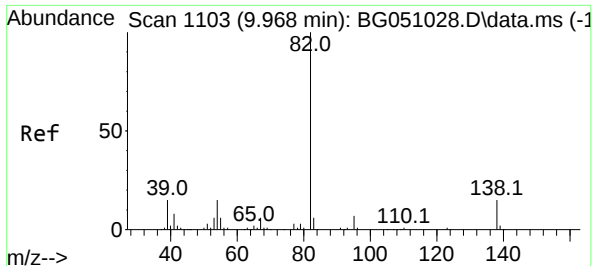
Tgt Ion:	105	Resp:	63604
Ion Ratio	Lower	Upper	
105	100		
71	2.4	0.6	0.8#
51	4.9	26.6	40.0#
120	0.0	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 29.449 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:	82	Resp:	110968
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.8	44.6
54	49.2	45.8	68.8

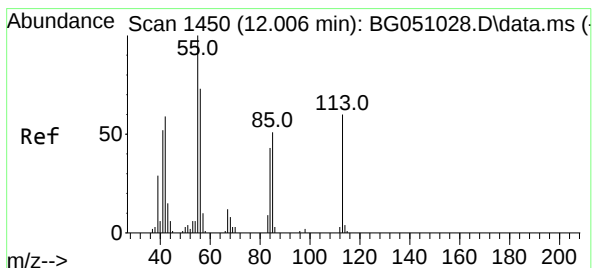
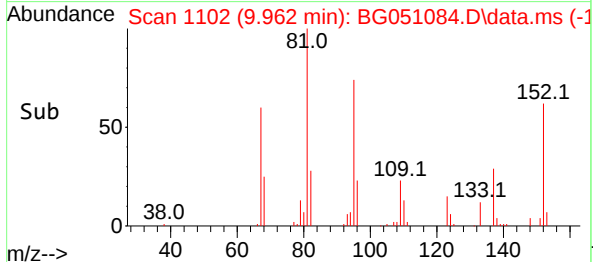
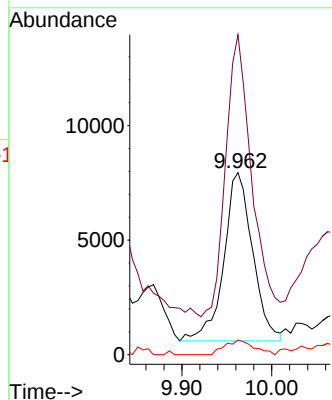
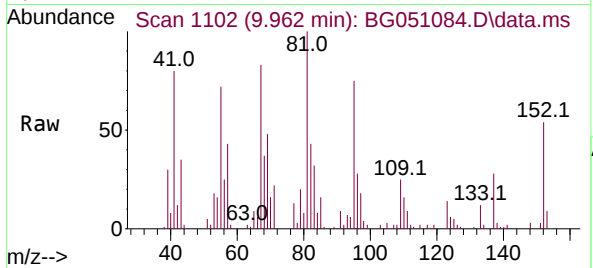




#25
Isophorone
Concen: 2.405 ng
RT: 9.962 min Scan# 1102
Delta R.T. -0.005 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

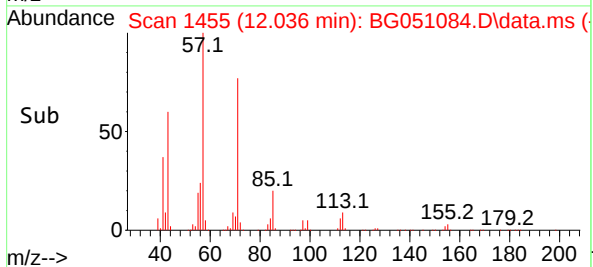
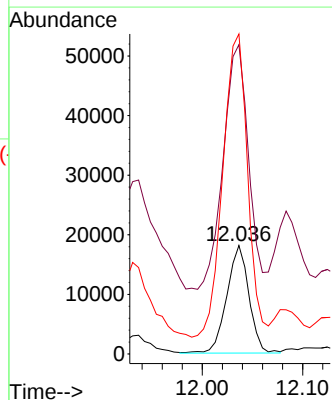
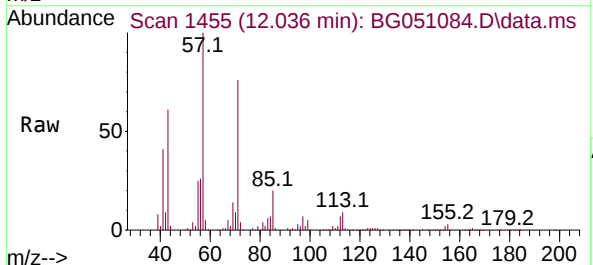
Instrument : BNA_G
ClientSampleId : HR-01-111021

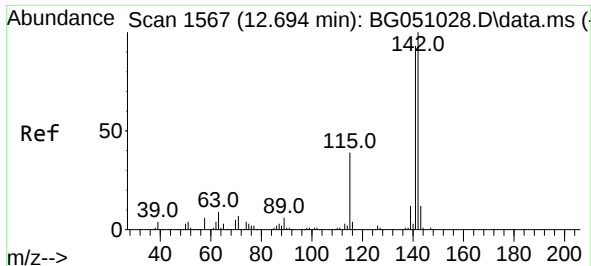
Tgt Ion: 82 Resp: 16379
Ion Ratio Lower Upper
82 100
95 175.7 8.5 12.7#
138 8.1 11.8 17.6#



#35
Caprolactam
Concen: 39.592 ng
RT: 12.036 min Scan# 1455
Delta R.T. 0.030 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion: 113 Resp: 27700
Ion Ratio Lower Upper
113 100
55 285.1 113.8 153.8#
56 295.0 105.6 145.6#





#37

2-Methylnaphthalene

Concen: 6.287 ng

RT: 12.700 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BG051084.D

Acq: 17 Nov 2021 2:43

Instrument :

BNA_G

ClientSampleId :

HR-01-111021

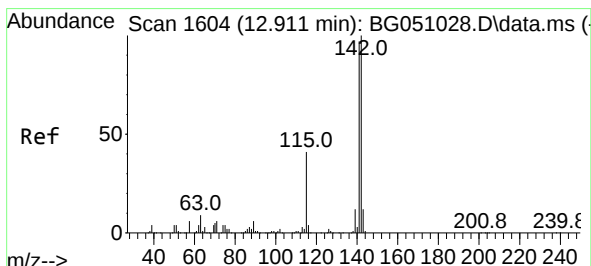
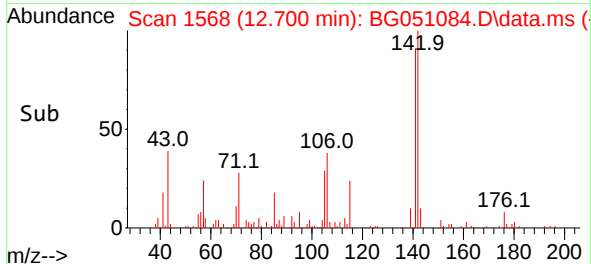
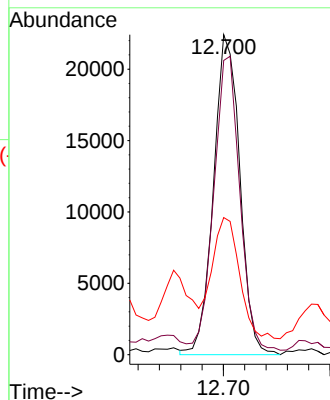
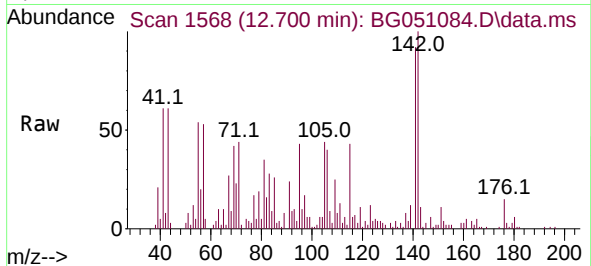
Tgt Ion:142 Resp: 38265

Ion Ratio Lower Upper

142 100

141 91.9 68.8 103.2

115 42.8 36.4 54.6



#38

1-Methylnaphthalene

Concen: 6.433 ng

RT: 12.700 min Scan# 1568

Delta R.T. -0.211 min

Lab File: BG051084.D

Acq: 17 Nov 2021 2:43

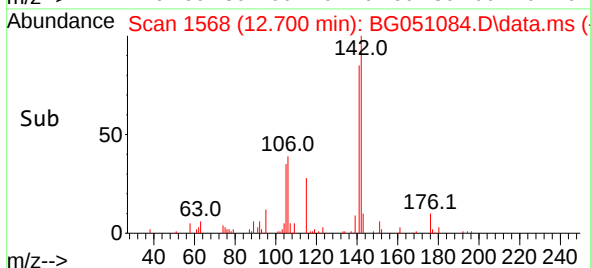
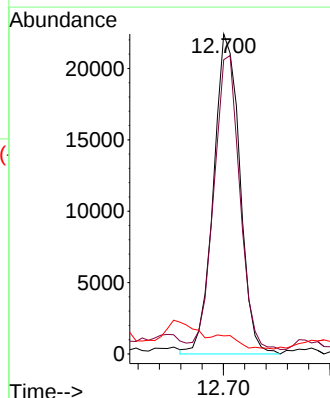
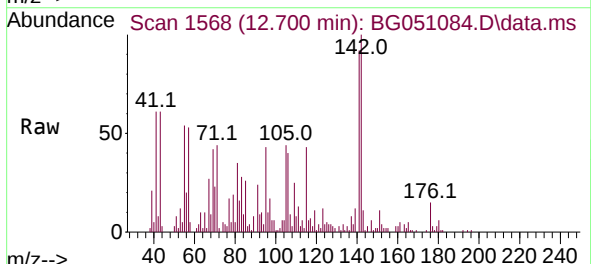
Tgt Ion:142 Resp: 38265

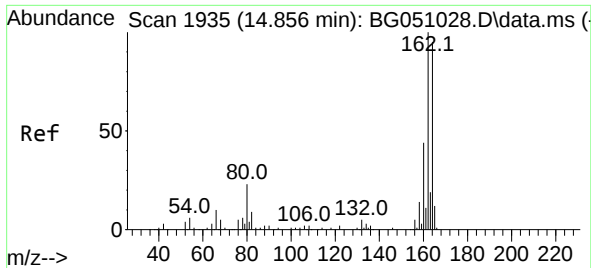
Ion Ratio Lower Upper

142 100

141 91.9 70.6 106.0

116 5.6 4.0 6.0

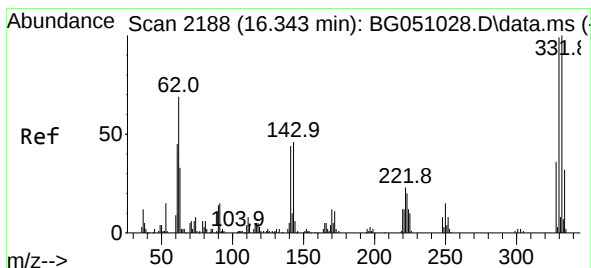
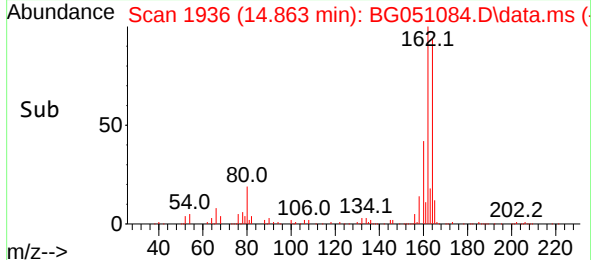
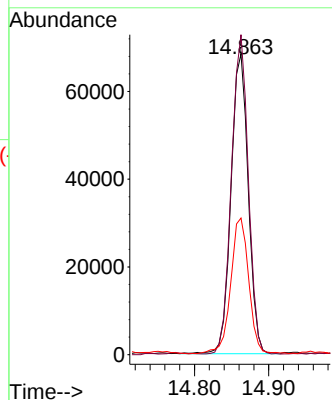
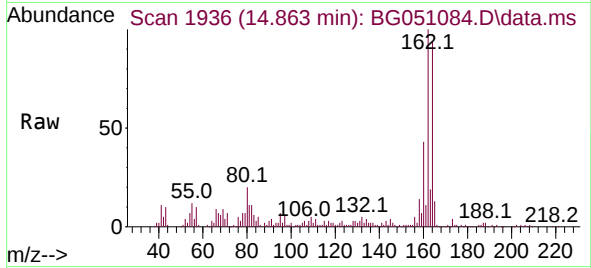




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

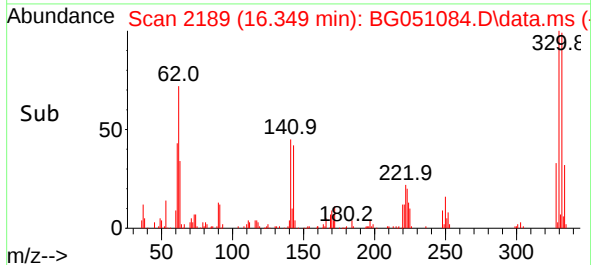
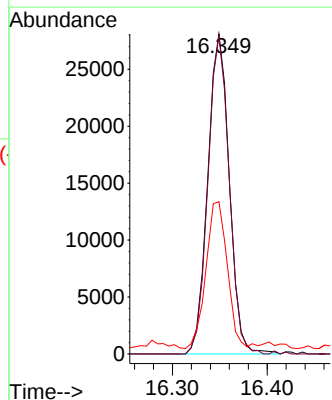
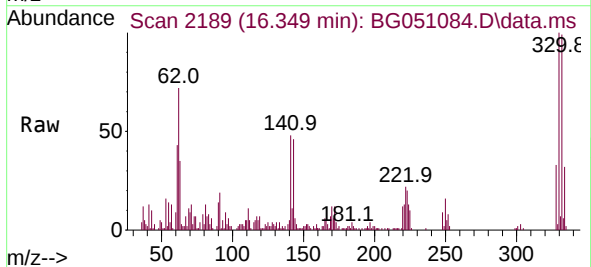
Instrument :
BNA_G
ClientSampleId :
HR-01-111021

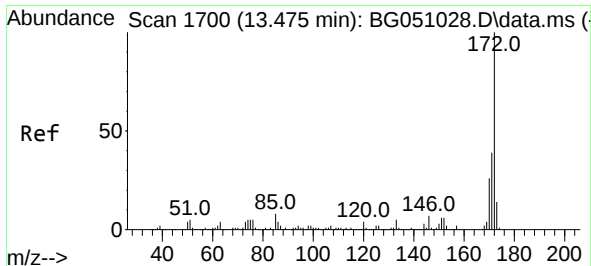
Tgt Ion:164 Resp: 110256
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 45.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 40.310 ng
RT: 16.349 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:330 Resp: 44476
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 45.8 35.6 53.4

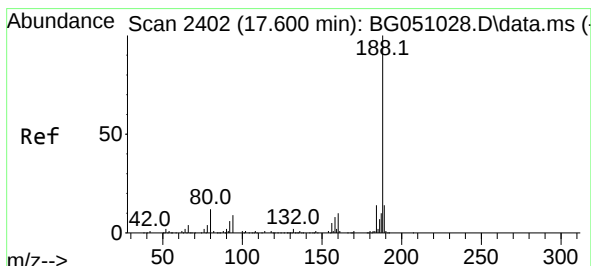
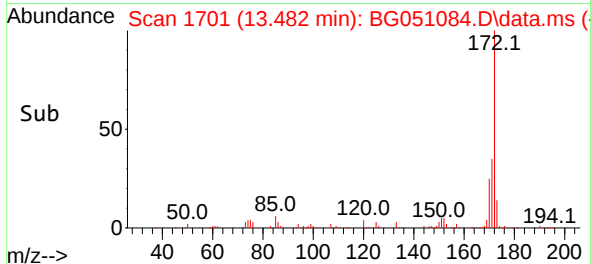
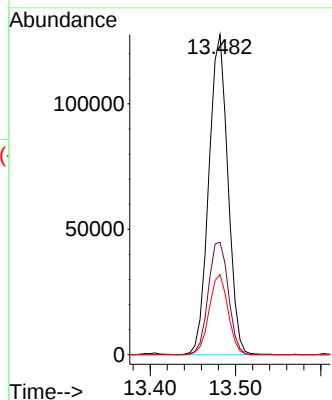
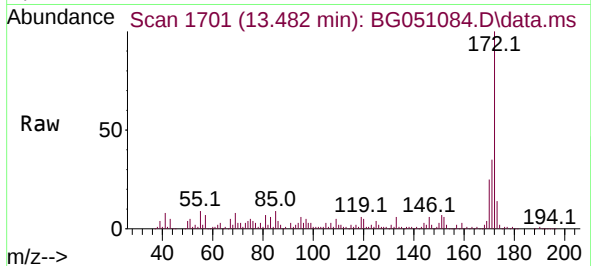




#45
2-Fluorobiphenyl
Concen: 28.395 ng
RT: 13.482 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

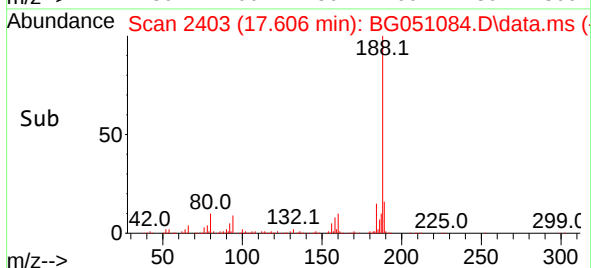
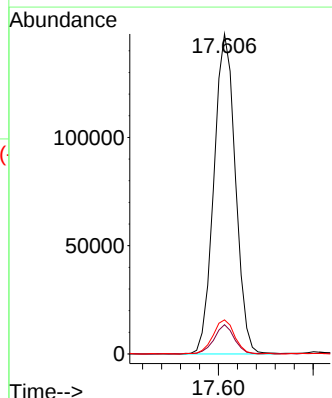
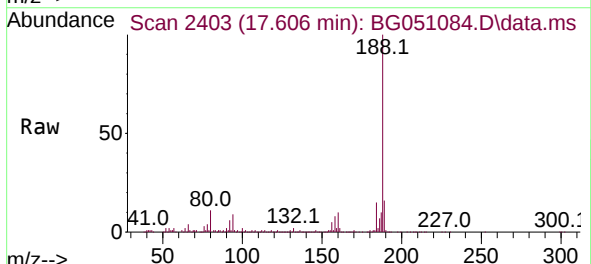
Instrument :
BNA_G
ClientSampleId :
HR-01-111021

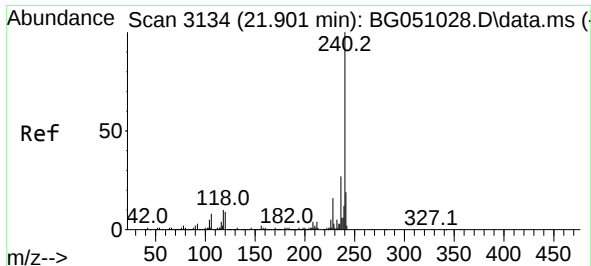
Tgt Ion:172 Resp: 198144
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 25.1 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:188 Resp: 232660
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 10.7 3.7 5.5#

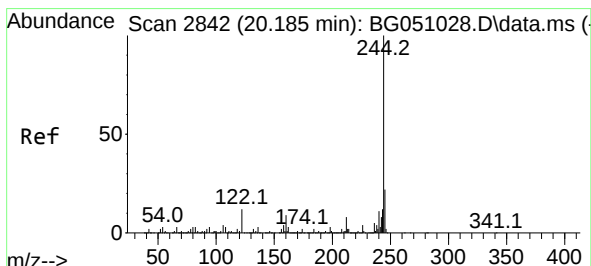
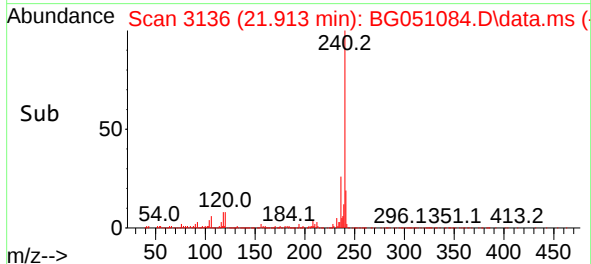
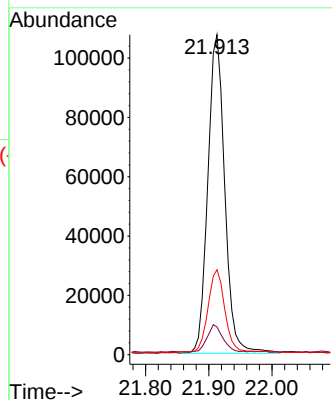
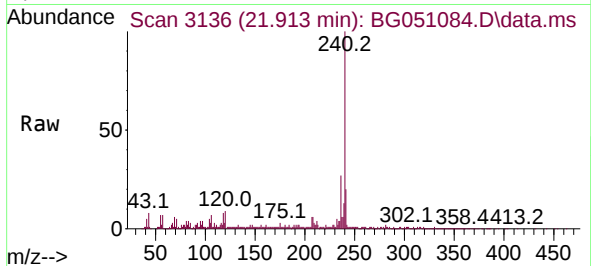




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

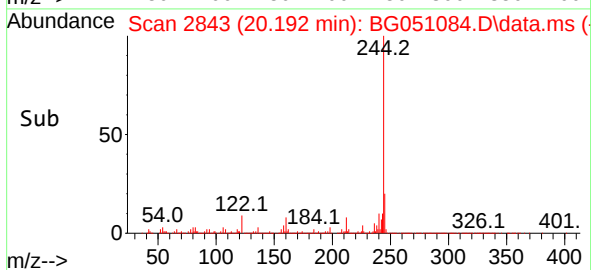
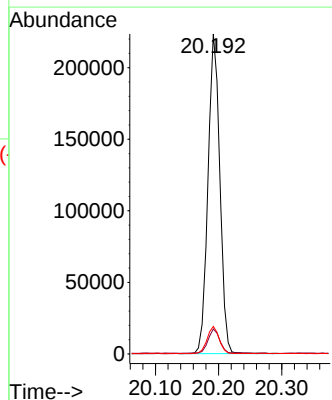
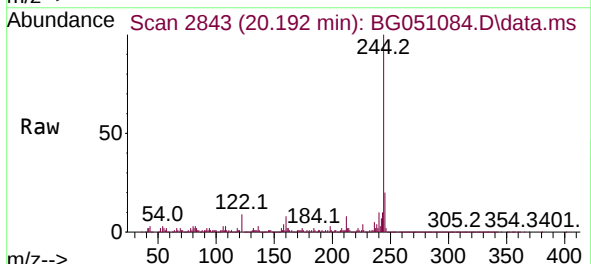
Instrument :
BNA_G
ClientSampleId :
HR-01-111021

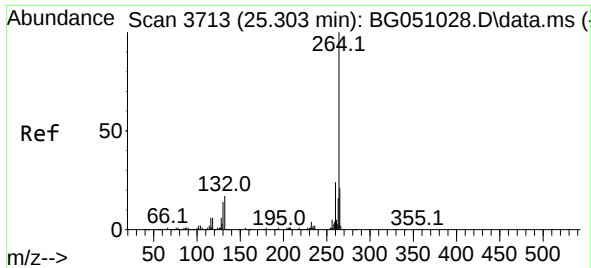
Tgt Ion:240 Resp: 199594
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.6 21.8 32.6



#79
Terphenyl-d14
Concen: 26.629 ng
RT: 20.192 min Scan# 2843
Delta R.T. 0.007 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:244 Resp: 290469
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 8.6 5.0 7.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.338 min Scan# 31

Delta R.T. 0.036 min

Lab File: BG051084.D

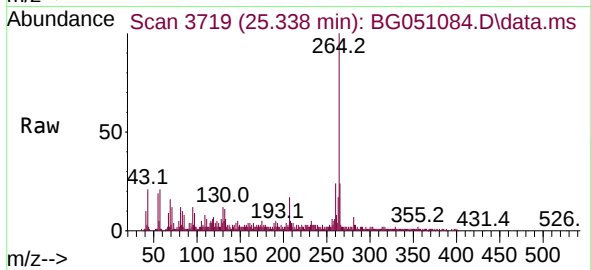
Acq: 17 Nov 2021 2:43

Instrument :

BNA_G

ClientSampleId :

HR-01-111021



Tgt Ion:264 Resp: 158954

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 23.6 16.9 25.3

