

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051083.D
 Acq On : 17 Nov 2021 2:03
 Operator : CG/JU
 Sample : M4619-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-111021

Quant Time: Nov 17 03:03:11 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)

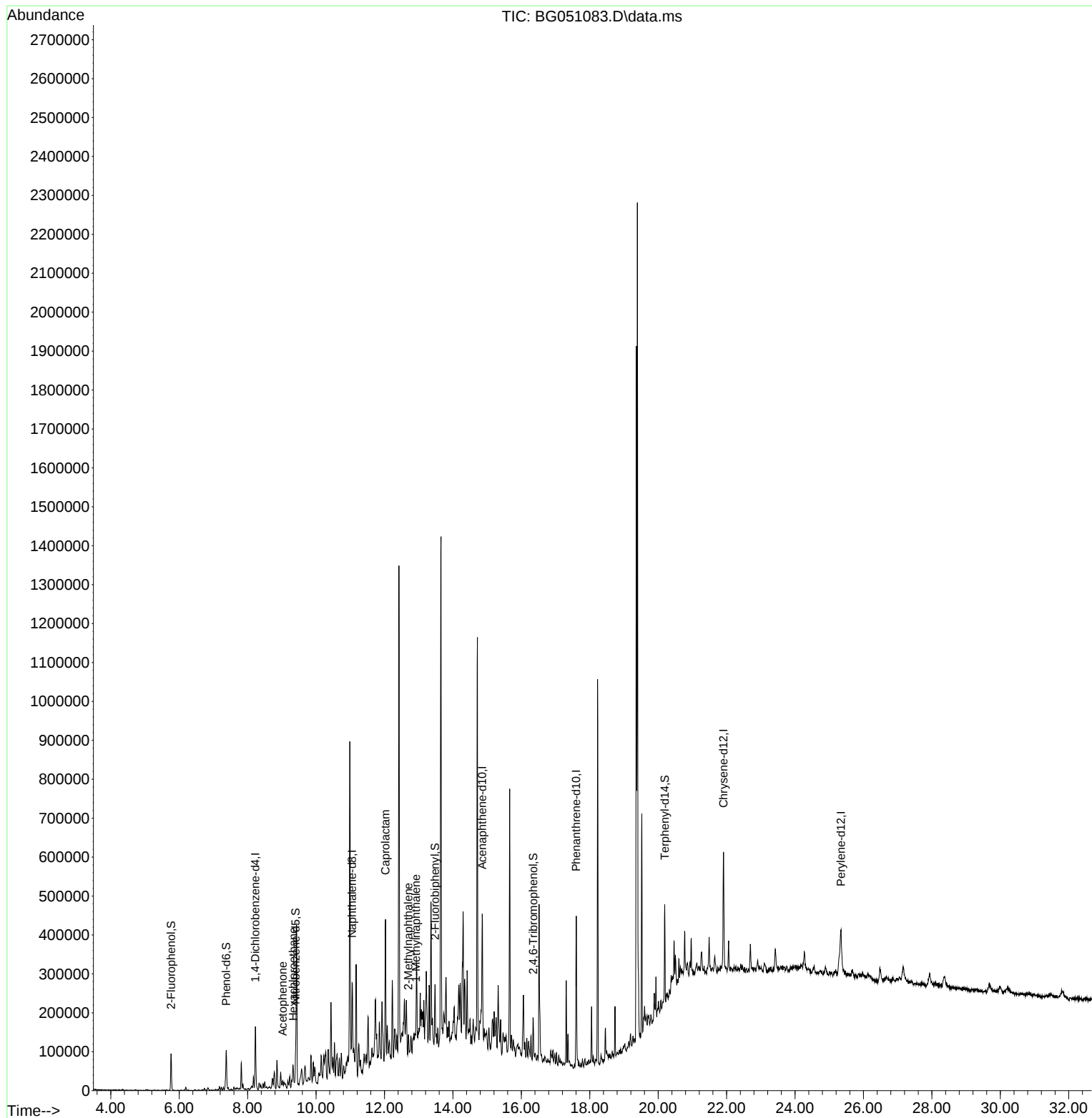
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	46059	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	184173	20.000	ng	# 0.00
39) Acenaphthene-d10	14.856	164	118800	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	237834	20.000	ng	# 0.00
76) Chrysene-d12	21.907	240	205900	20.000	ng	# 0.00
86) Perylene-d12	25.338	264	167328	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	43528	14.137	ng	0.00
7) Phenol-d6	7.376	99	61449	14.140	ng	0.00
23) Nitrobenzene-d5	9.403	82	41952	10.083	ng	0.00
42) 2,4,6-Tribromophenol	16.348	330	17220	14.484	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	82217	10.935	ng	0.00
79) Terphenyl-d14	20.191	244	116791	10.379	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.333	117	3168	2.407	ng	# 1
22) Acetophenone	9.027	105	14544	2.841	ng	# 53
35) Caprolactam	12.030	113	11677	15.116	ng	# 1
37) 2-Methylnaphthalene	12.700	142	16162	2.405	ng	94
38) 1-Methylnaphthalene	12.917	142	13639	2.077	ng	# 80

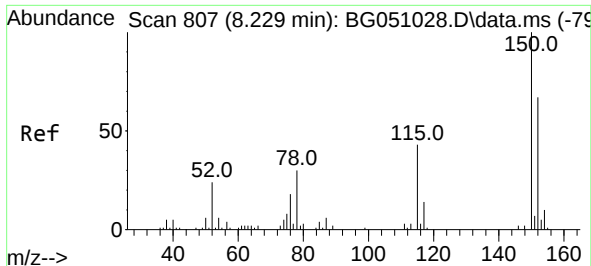
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
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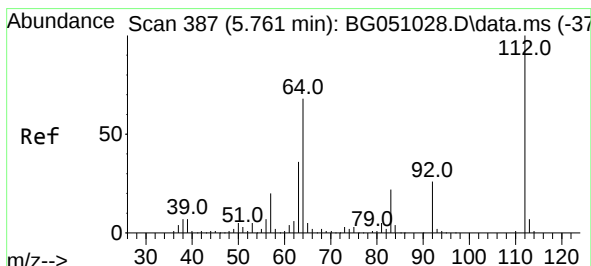
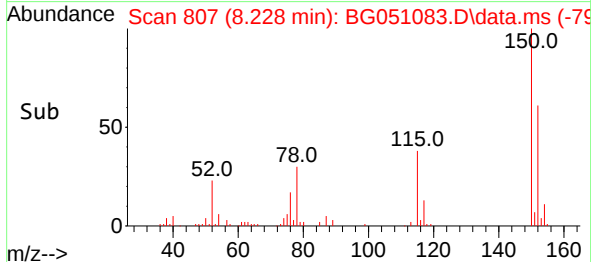
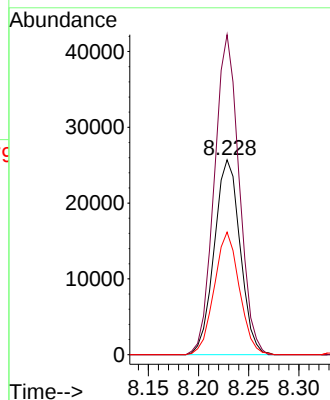
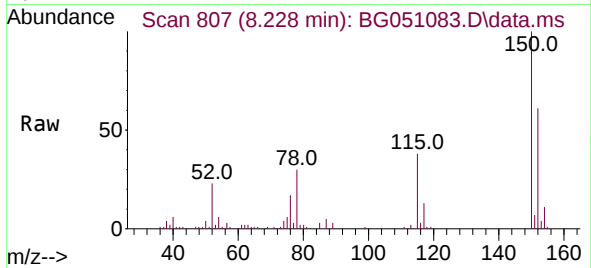




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

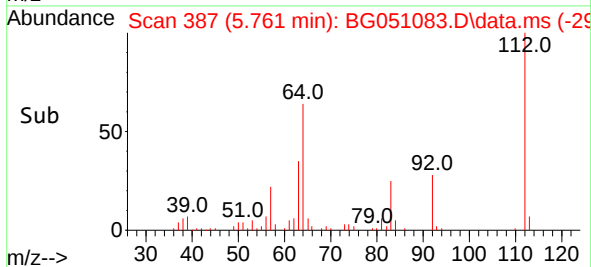
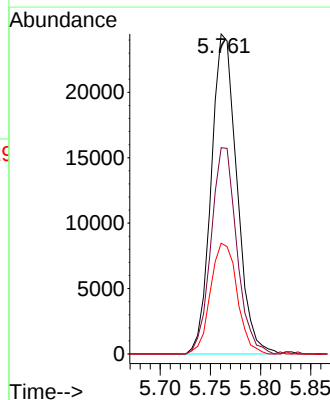
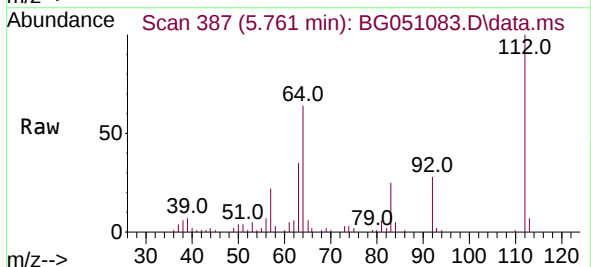
Instrument :
BNA_G
ClientSampleId :
HR-02-111021

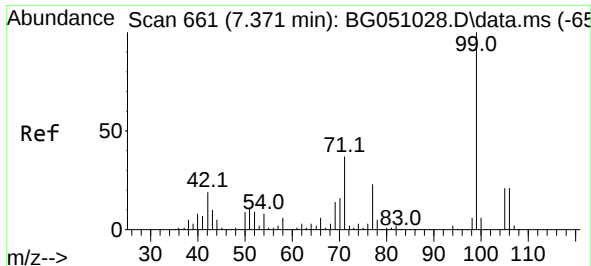
Tgt Ion:152 Resp: 46059
Ion Ratio Lower Upper
152 100
150 164.2 119.4 179.0
115 62.9 60.2 90.4



#5
2-Fluorophenol
Concen: 14.137 ng
RT: 5.761 min Scan# 387
Delta R.T. -0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:112 Resp: 43528
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 34.6 35.3 52.9#

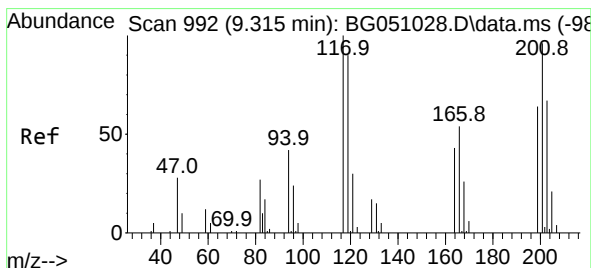
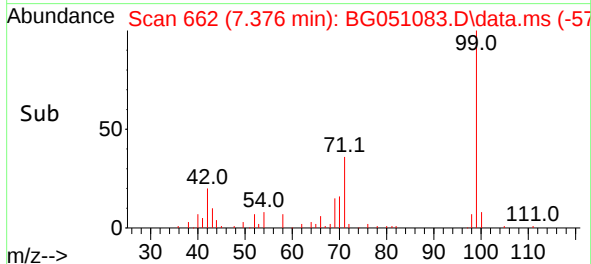
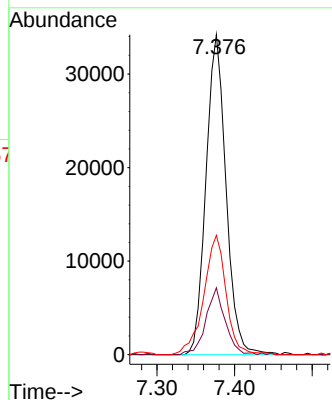
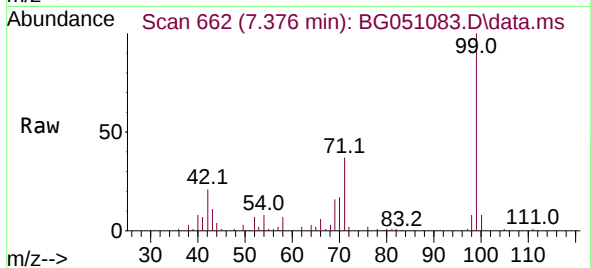




#7
Phenol-d6
Concen: 14.140 ng
RT: 7.376 min Scan# 611
Delta R.T. 0.005 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

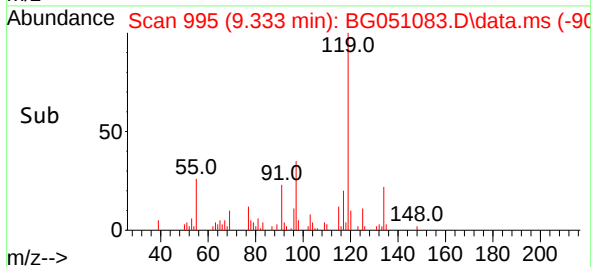
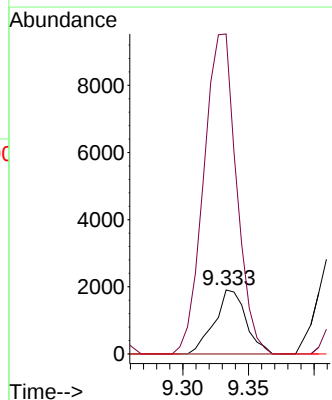
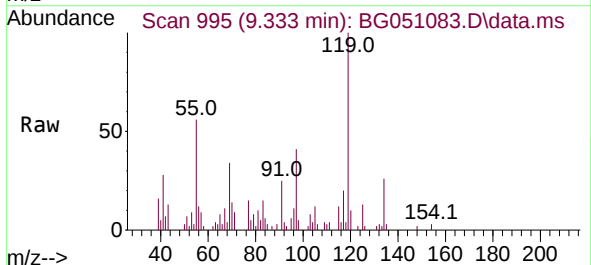
Instrument :
BNA_G
ClientSampleId :
HR-02-111021

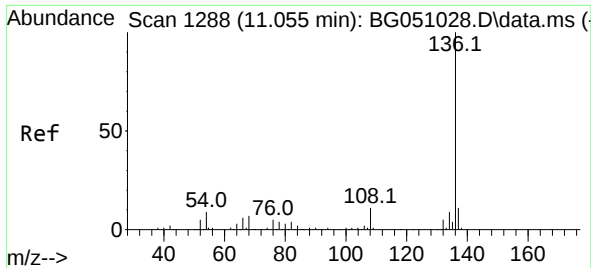
Tgt Ion: 99 Resp: 61449
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 37.3 41.5 62.3#



#18
Hexachloroethane
Concen: 2.407 ng
RT: 9.333 min Scan# 995
Delta R.T. 0.018 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion: 117 Resp: 3168
Ion Ratio Lower Upper
117 100
119 499.7 74.4 111.6#
201 0.0 88.6 133.0#

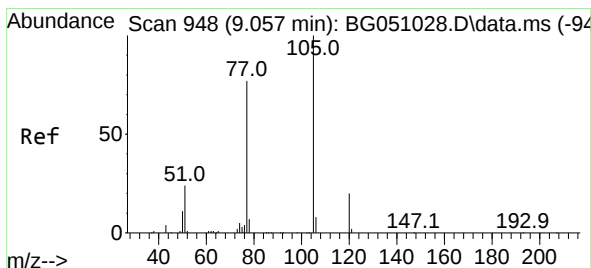
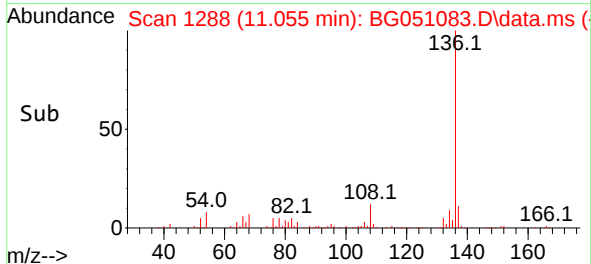
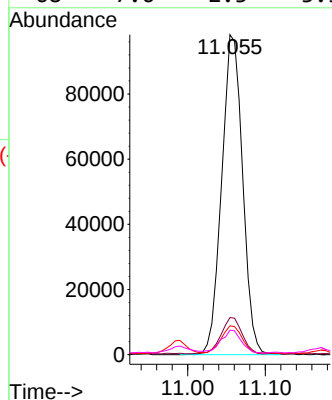
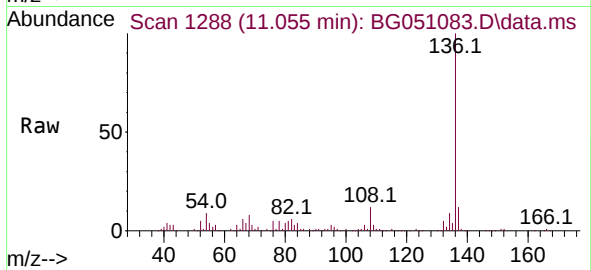




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

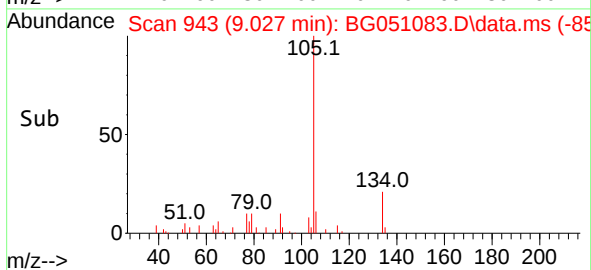
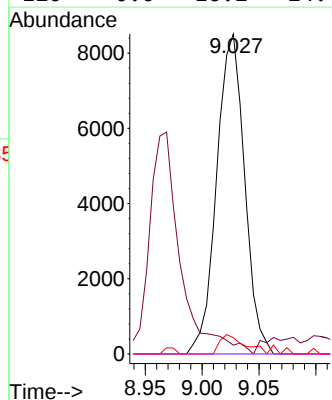
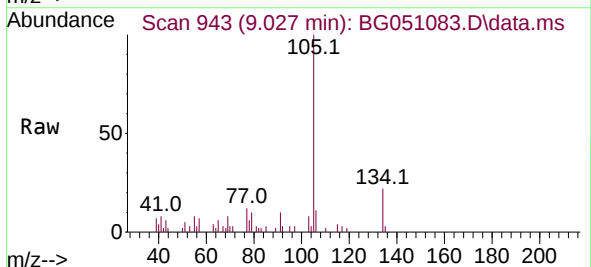
Instrument :
BNA_G
ClientSampleId :
HR-02-111021

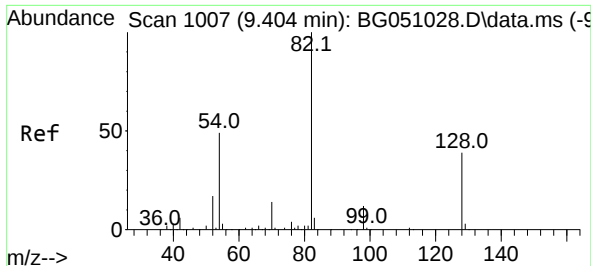
Tgt Ion:	136	Resp:	184173
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.2
54	9.0	5.5	8.3#
68	7.6	2.3	3.5#



#22
Acetophenone
Concen: 2.841 ng
RT: 9.027 min Scan# 943
Delta R.T. -0.029 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:	105	Resp:	14544
Ion Ratio	Lower	Upper	
105	100		
71	2.8	0.6	0.8#
51	5.1	26.6	40.0#
120	0.0	16.2	24.4#





#23

Nitrobenzene-d5

Concen: 10.083 ng

RT: 9.403 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG051083.D

Acq: 17 Nov 2021 2:03

Instrument :

BNA_G

ClientSampleId :

HR-02-111021

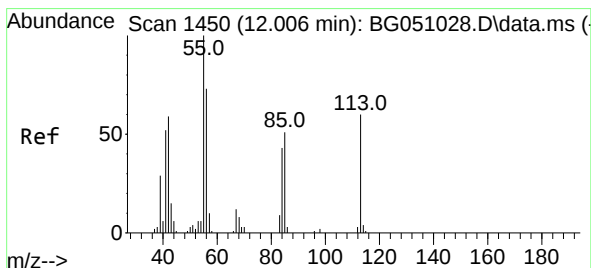
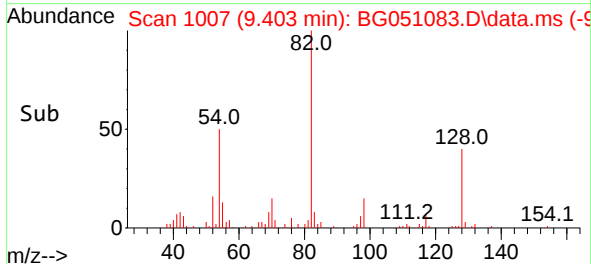
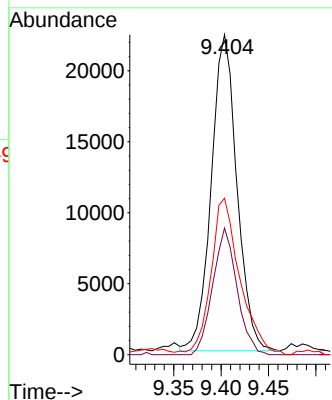
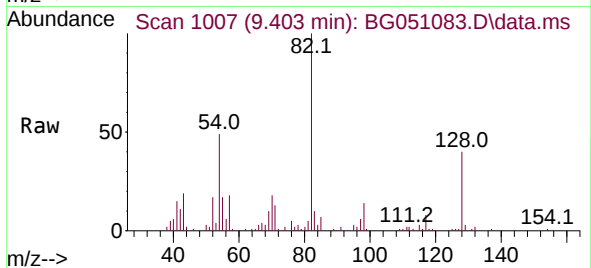
Tgt Ion: 82 Resp: 41952

Ion Ratio Lower Upper

82 100

128 39.6 29.8 44.6

54 48.9 45.8 68.8



#35

Caprolactam

Concen: 15.116 ng

RT: 12.030 min Scan# 1454

Delta R.T. 0.023 min

Lab File: BG051083.D

Acq: 17 Nov 2021 2:03

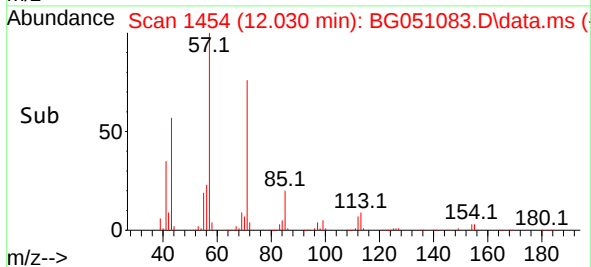
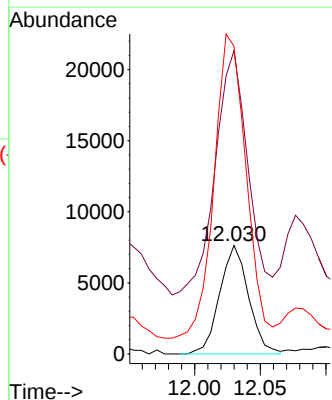
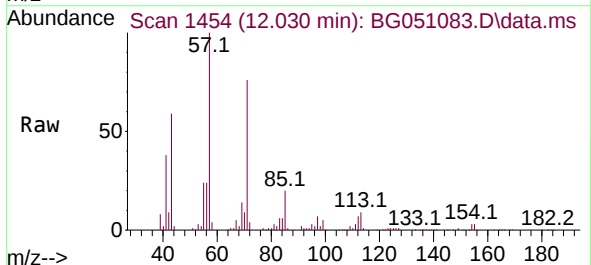
Tgt Ion: 113 Resp: 11677

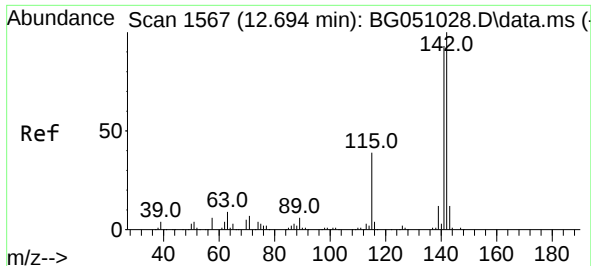
Ion Ratio Lower Upper

113 100

55 279.5 113.8 153.8#

56 283.5 105.6 145.6#





#37

2-Methylnaphthalene

Concen: 2.405 ng

RT: 12.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG051083.D

Acq: 17 Nov 2021 2:03

Instrument :

BNA_G

ClientSampleId :

HR-02-111021

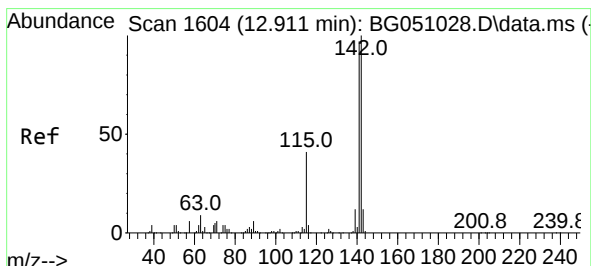
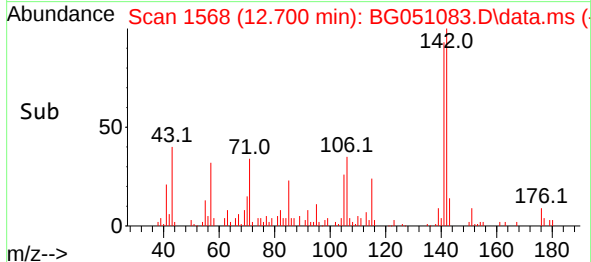
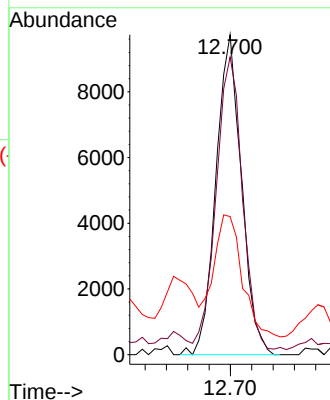
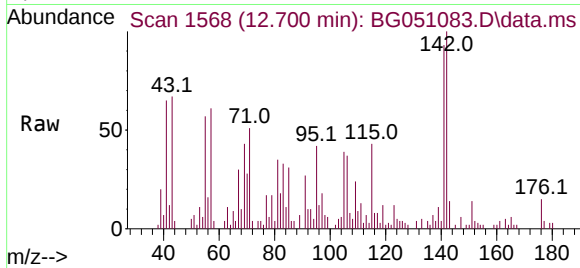
Tgt Ion:142 Resp: 16162

Ion Ratio Lower Upper

142 100

141 93.0 68.8 103.2

115 43.2 36.4 54.6



#38

1-Methylnaphthalene

Concen: 2.077 ng

RT: 12.917 min Scan# 1605

Delta R.T. 0.006 min

Lab File: BG051083.D

Acq: 17 Nov 2021 2:03

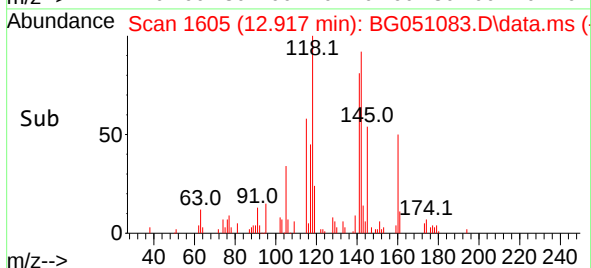
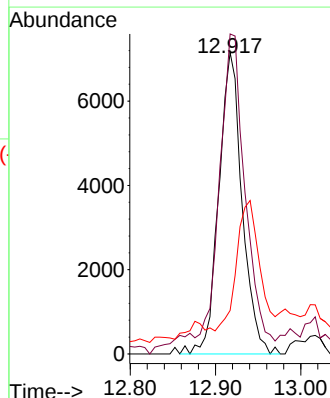
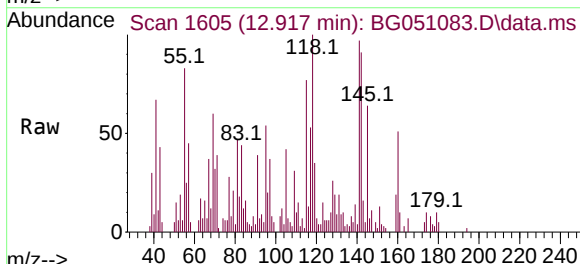
Tgt Ion:142 Resp: 13639

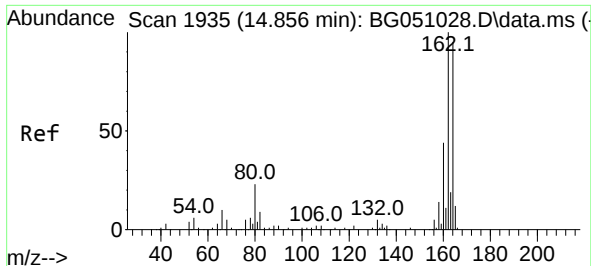
Ion Ratio Lower Upper

142 100

141 106.2 70.6 106.0#

116 14.4 4.0 6.0#

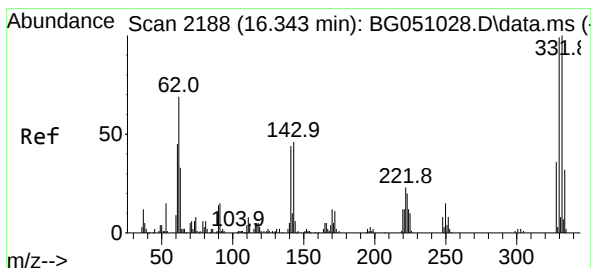
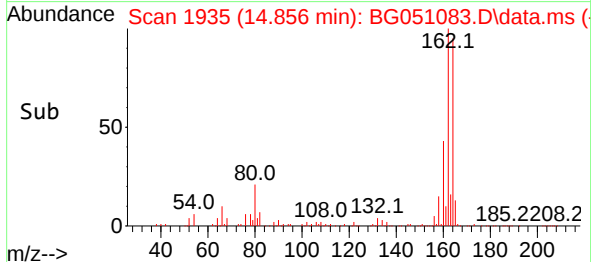
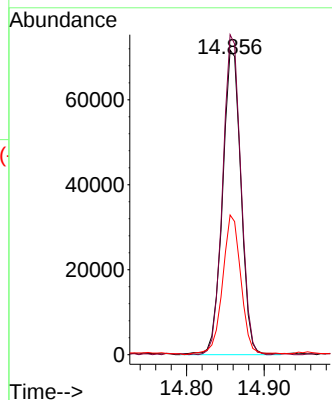
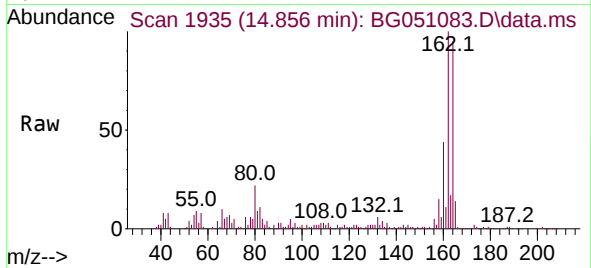




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

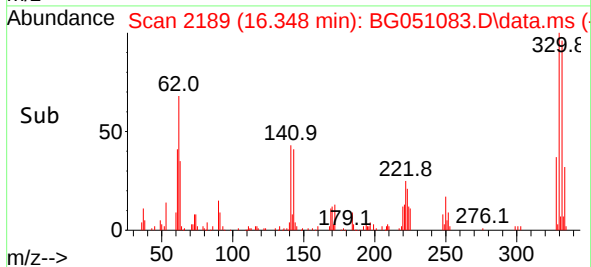
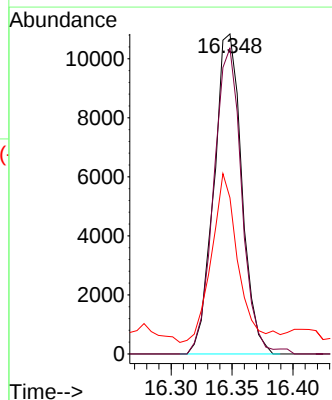
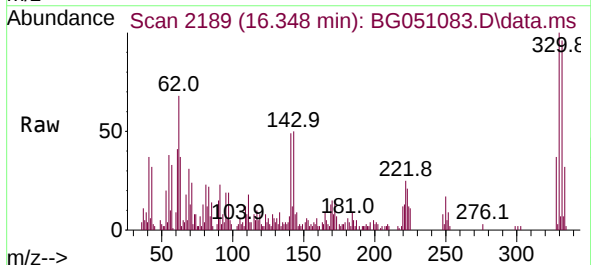
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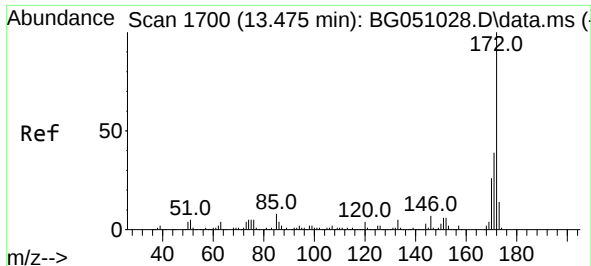
Tgt Ion:164 Resp: 118800
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 45.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 14.484 ng
RT: 16.348 min Scan# 2189
Delta R.T. 0.005 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:330 Resp: 17220
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 50.5 35.6 53.4

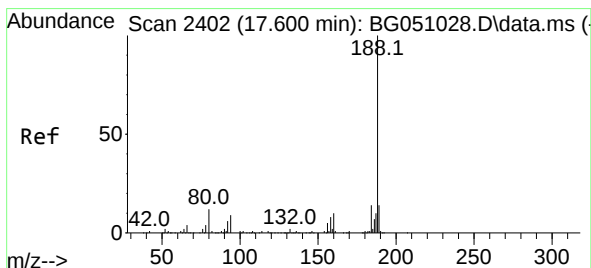
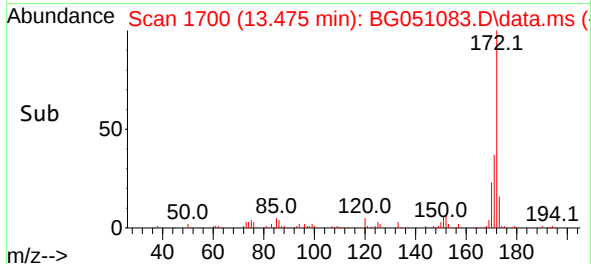
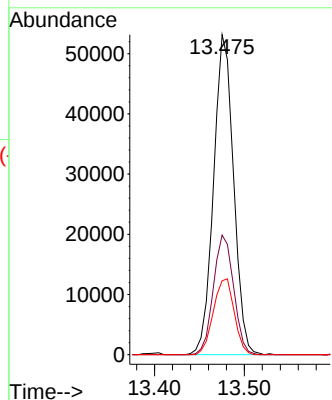
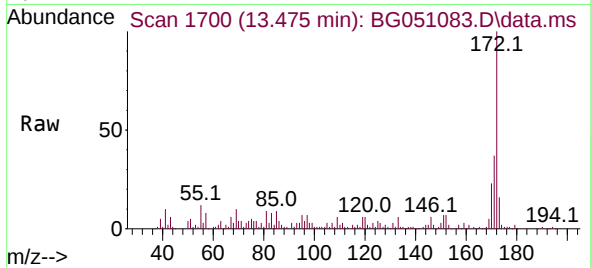




#45
2-Fluorobiphenyl
Concen: 10.935 ng
RT: 13.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

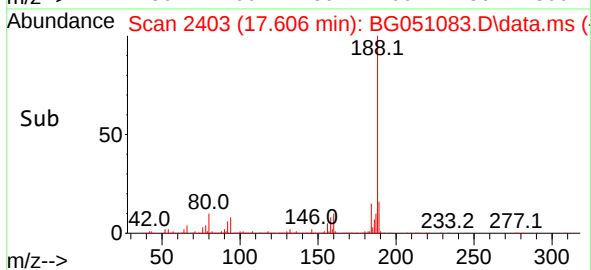
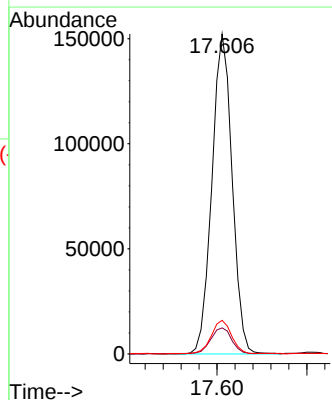
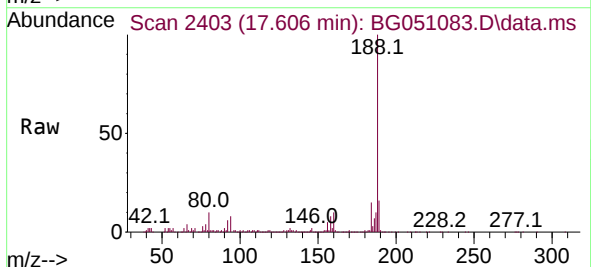
Instrument :
BNA_G
ClientSampleId :
HR-02-111021

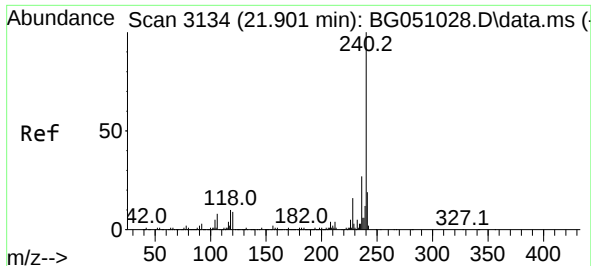
Tgt Ion:172 Resp: 82217
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 23.1 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:188 Resp: 237834
Ion Ratio Lower Upper
188 100
94 8.2 5.4 8.0#
80 10.5 3.7 5.5#

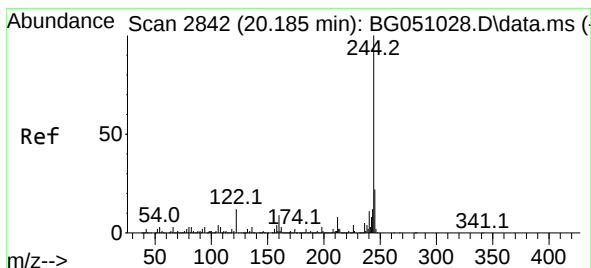
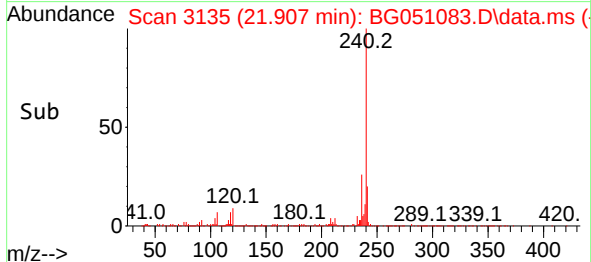
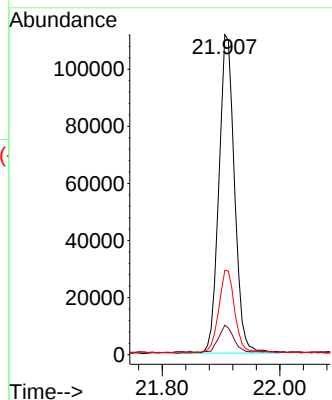
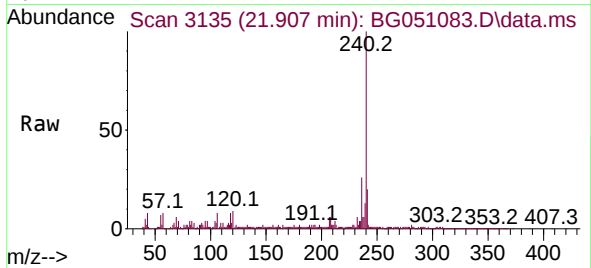




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

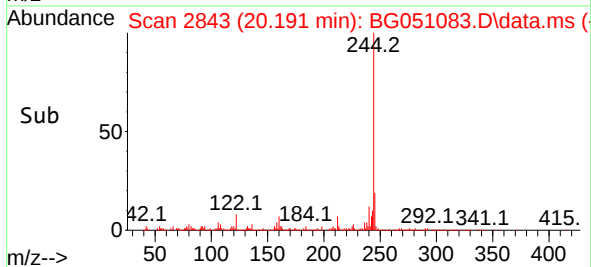
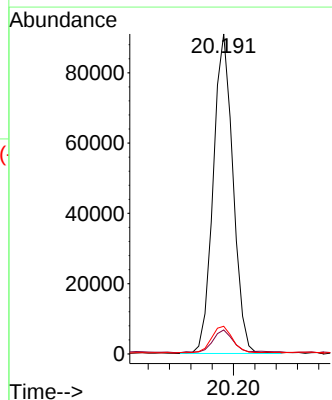
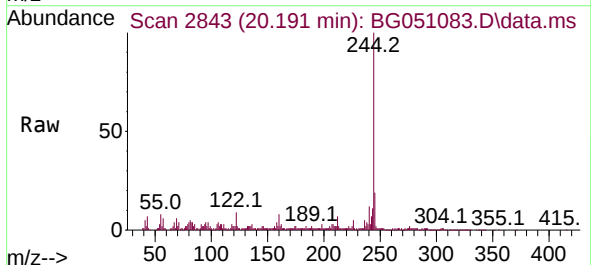
Instrument :
BNA_G
ClientSampleId :
HR-02-111021

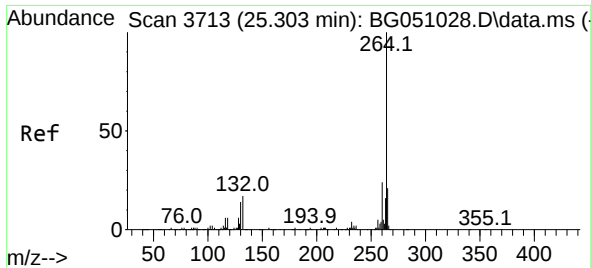
Tgt Ion:240 Resp: 205900
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.3 21.8 32.6



#79
Terphenyl-d14
Concen: 10.379 ng
RT: 20.191 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:244 Resp: 116791
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 8.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.338 min Scan# 31
 Delta R.T. 0.035 min
 Lab File: BG051083.D
 Acq: 17 Nov 2021 2:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-111021

Tgt Ion:264 Resp: 167328
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.4 29.2
 265 23.1 16.9 25.3

