

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053569.D
 Acq On : 16 May 2022 16:17
 Operator : CG/JU
 Sample : N2832-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB12

Quant Time: May 17 05:20:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

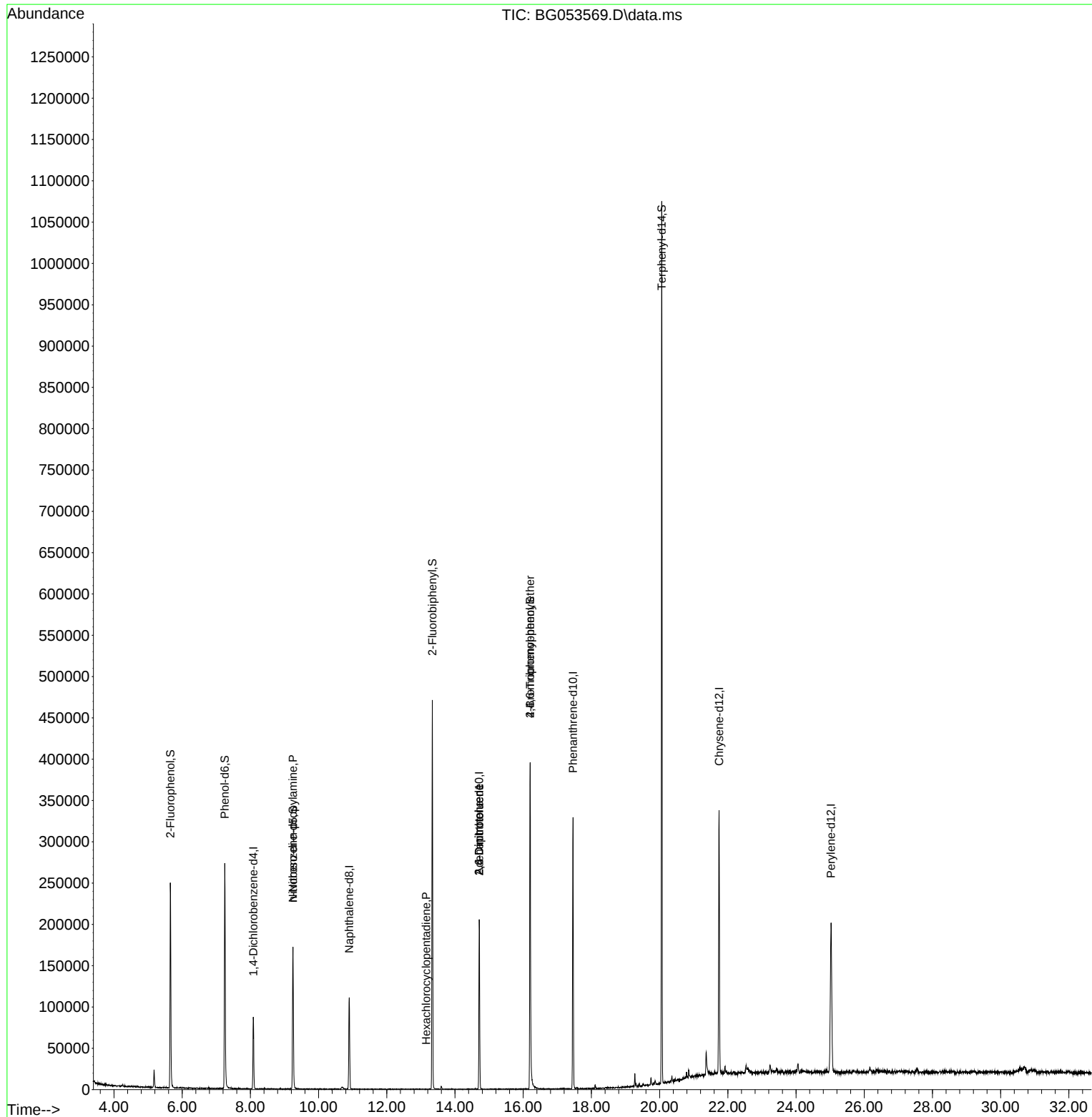
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	24033	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	93564	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	76272	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	210084	20.000	ng	0.00
76) Chrysene-d12	21.743	240	205487	20.000	ng	0.00
86) Perylene-d12	25.026	264	208042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	101842	71.918	ng	0.00
7) Phenol-d6	7.250	99	161176	74.996	ng	0.00
23) Nitrobenzene-d5	9.248	82	113372	51.580	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	92098	81.870	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	250961	48.081	ng	0.00
79) Terphenyl-d14	20.062	244	542561	49.176	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	15807	10.251	ng	Qvalue 81
41) Hexachlorocyclopentadiene	13.154	237	54	8.885	ng	# 26
51) 2,6-Dinitrotoluene	14.711	165	10005	8.473	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	10005	5.845	ng	# 21
67) 4-Bromophenyl-phenylether	16.203	248	6407	2.611	ng	# 1

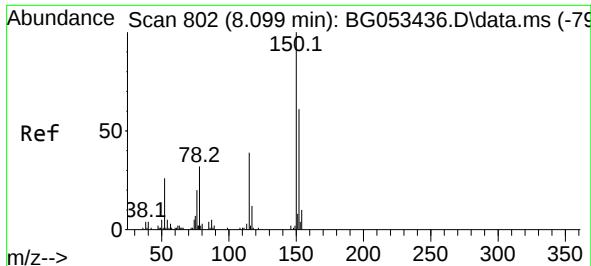
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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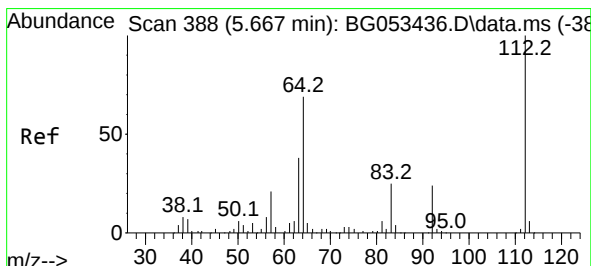
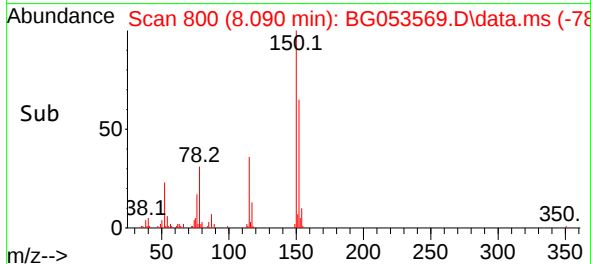
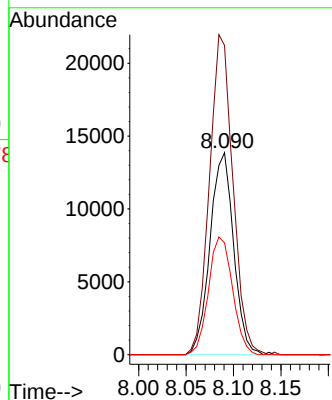
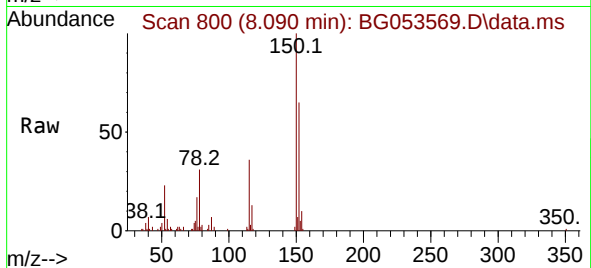




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

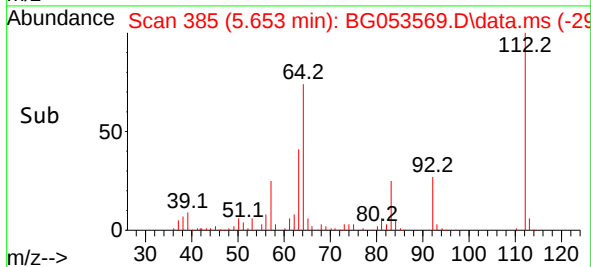
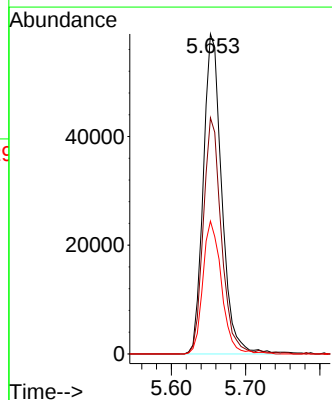
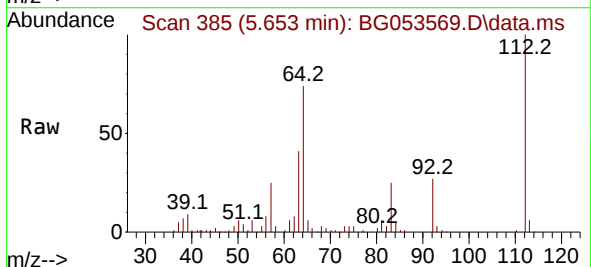
Instrument :
BNA_G
ClientSampleId :
SB12

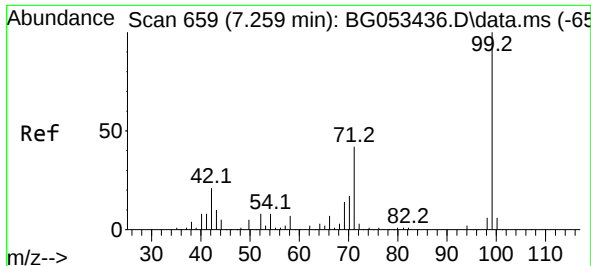
Tgt Ion:152 Resp: 24033
Ion Ratio Lower Upper
152 100
150 153.2 131.6 197.4
115 55.4 50.9 76.3



#5
2-Fluorophenol
Concen: 71.918 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:112 Resp: 101842
Ion Ratio Lower Upper
112 100
64 73.8 55.1 82.7
63 41.5 30.4 45.6

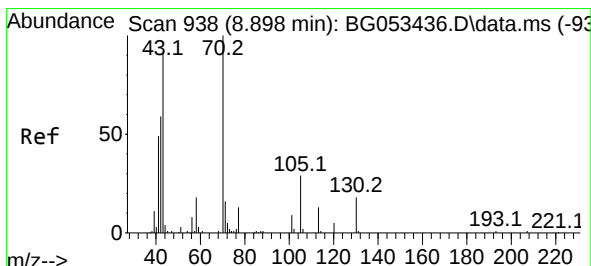
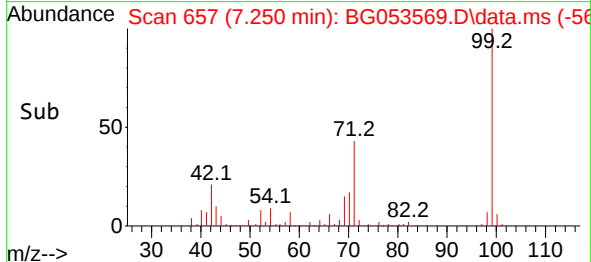
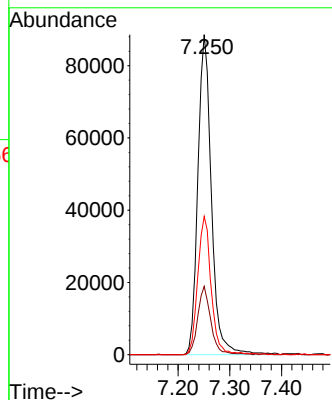
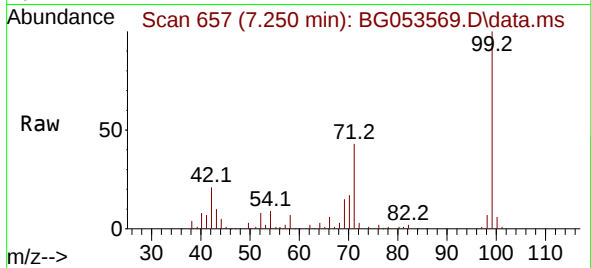




#7
Phenol-d6
Concen: 74.996 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

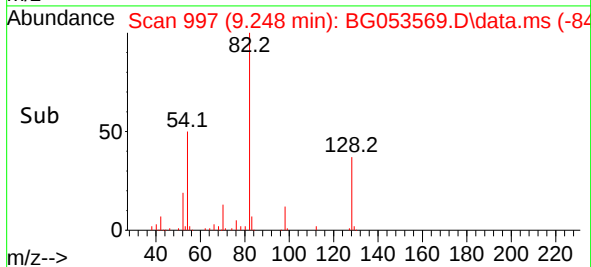
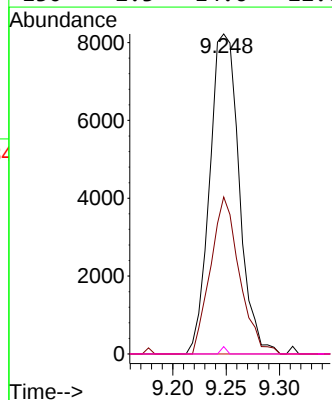
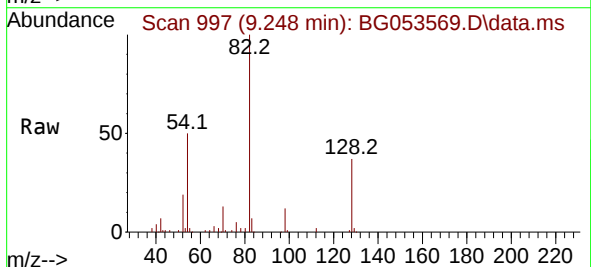
Instrument :
BNA_G
ClientSampleId :
SB12

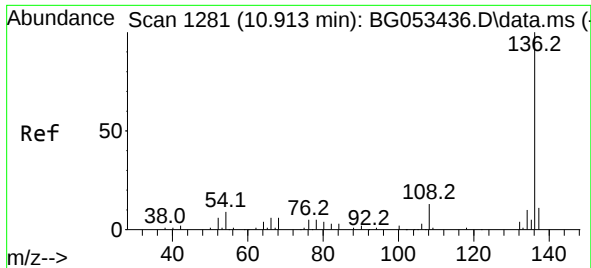
Tgt Ion: 99 Resp: 161176
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 43.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.251 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.359 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion: 70 Resp: 15807
Ion Ratio Lower Upper
70 100
42 49.1 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

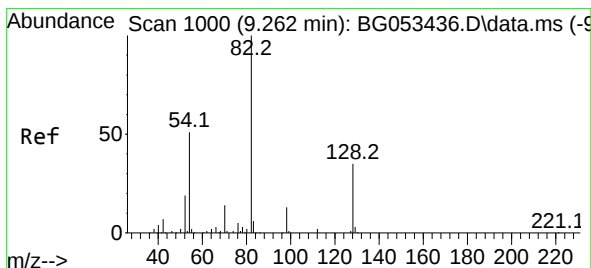
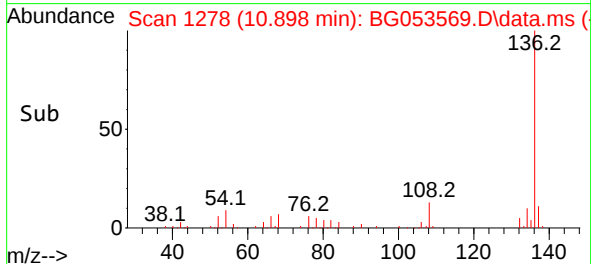
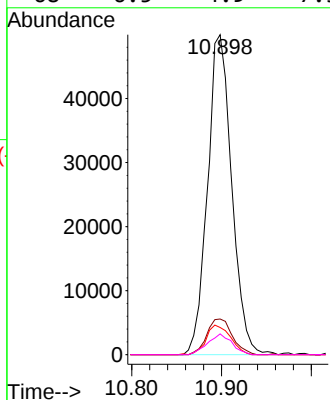
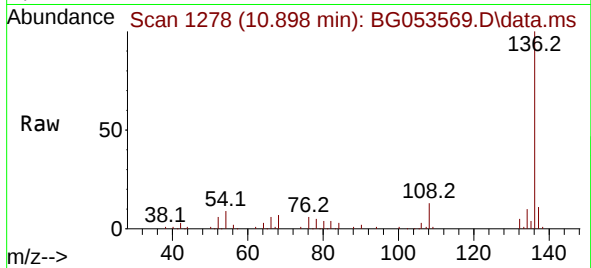




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

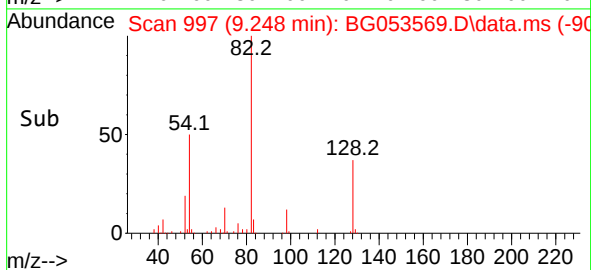
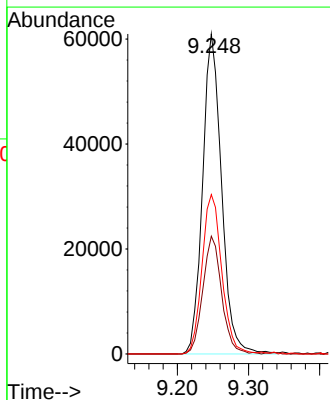
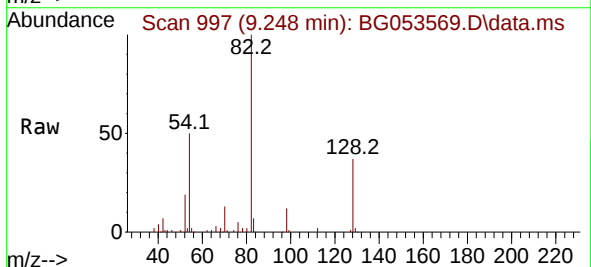
Instrument :
BNA_G
ClientSampleId :
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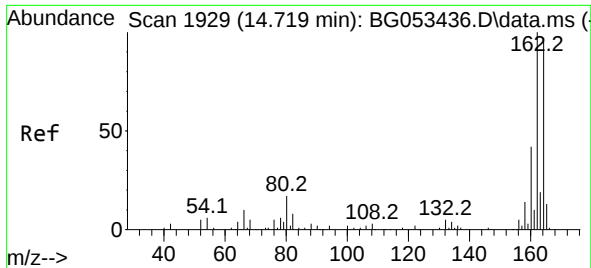
Tgt Ion:	136	Resp:	93564
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	8.5	7.4	11.2
68	6.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 51.580 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:	82	Resp:	113372
Ion Ratio	Lower	Upper	
82	100		
128	36.8	27.9	41.9
54	49.8	41.2	61.8

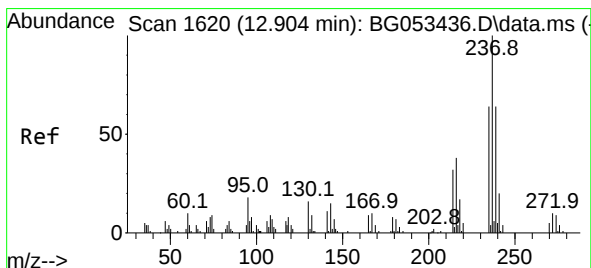
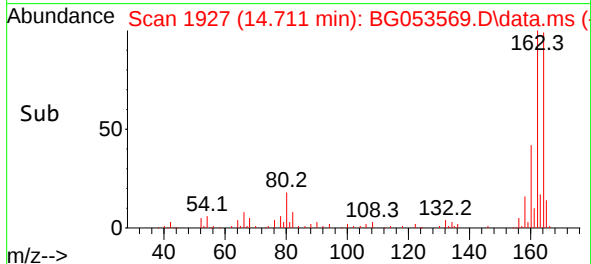
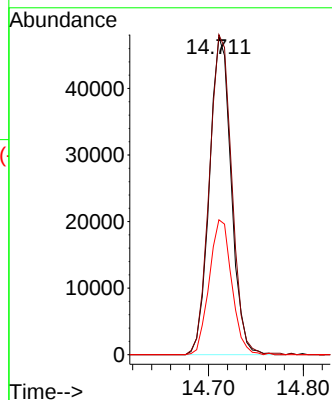
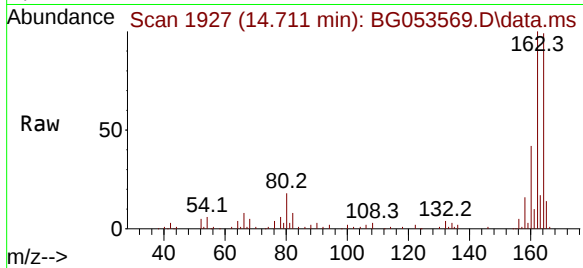




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

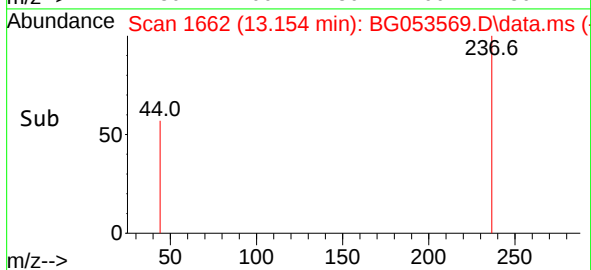
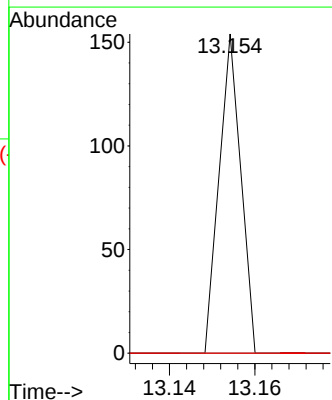
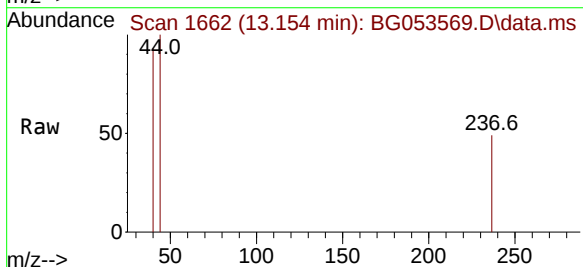
Instrument :
BNA_G
ClientSampleId :
SB12

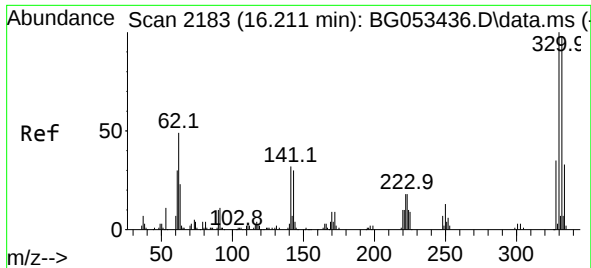
Tgt Ion:164 Resp: 76272
Ion Ratio Lower Upper
164 100
162 100.7 82.3 123.5
160 42.4 34.2 51.2



#41
Hexachlorocyclopentadiene
Concen: 8.885 ng
RT: 13.154 min Scan# 1662
Delta R.T. 0.254 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:237 Resp: 54
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1





#42

2,4,6-Tribromophenol

Concen: 81.870 ng

RT: 16.203 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053569.D

Acq: 16 May 2022 16:17

Instrument :

BNA_G

ClientSampleId :

SB12

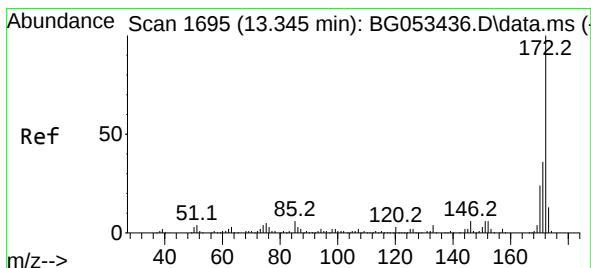
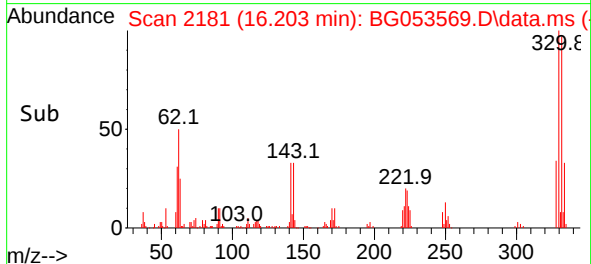
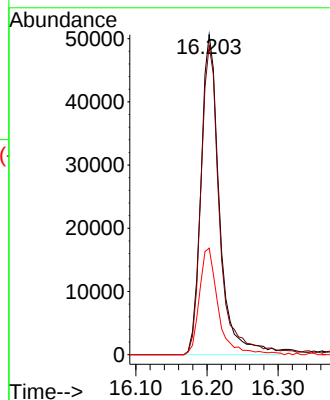
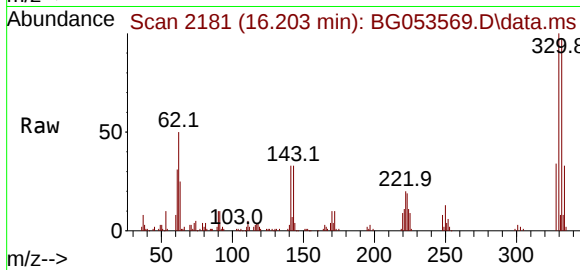
Tgt Ion:330 Resp: 92098

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 33.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 48.081 ng

RT: 13.336 min Scan# 1693

Delta R.T. 0.001 min

Lab File: BG053569.D

Acq: 16 May 2022 16:17

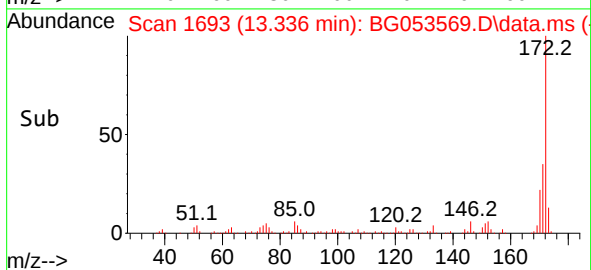
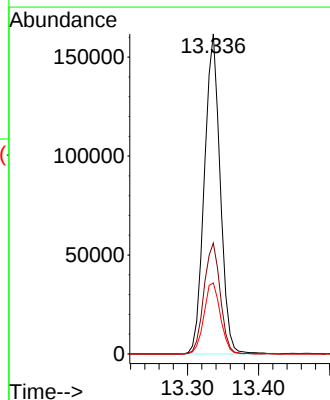
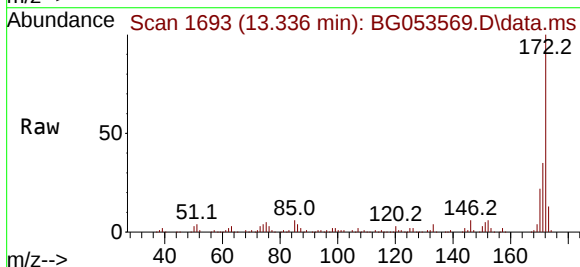
Tgt Ion:172 Resp: 250961

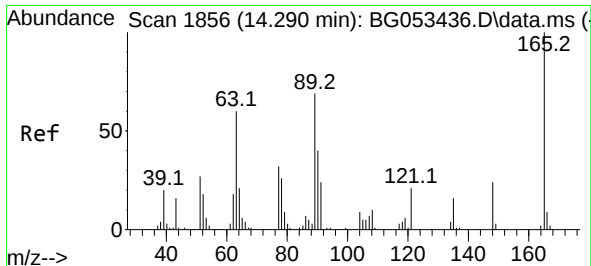
Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 22.2 18.9 28.3

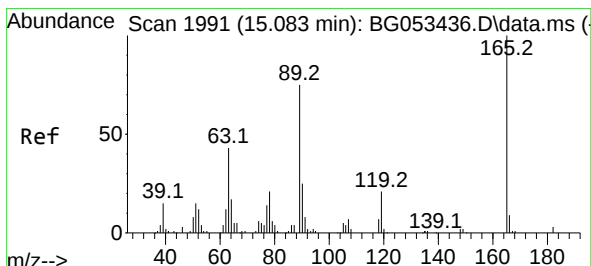
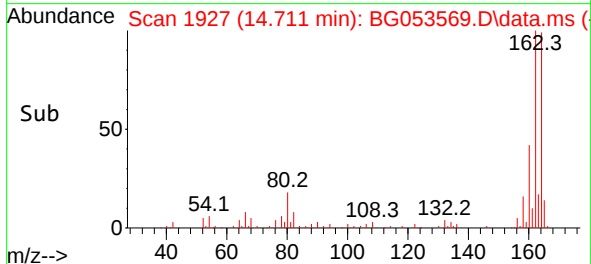
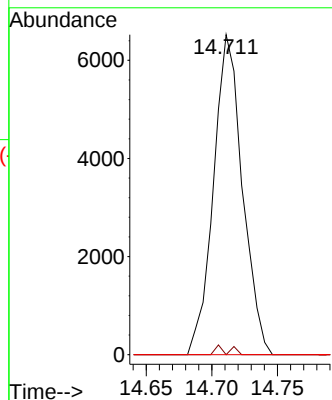
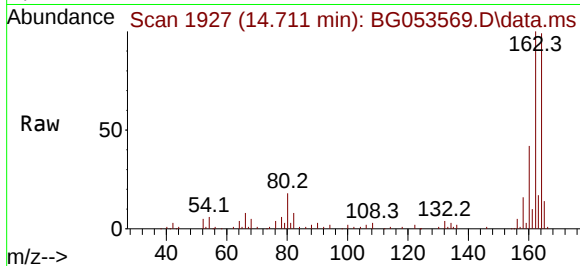




#51
2,6-Dinitrotoluene
Concen: 8.473 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.430 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

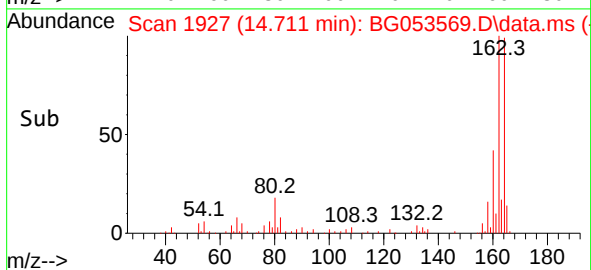
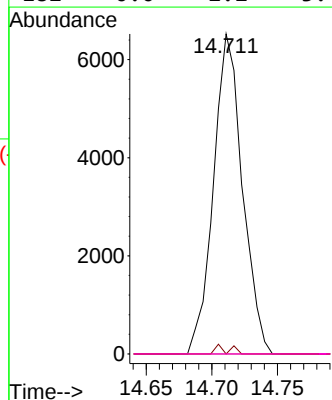
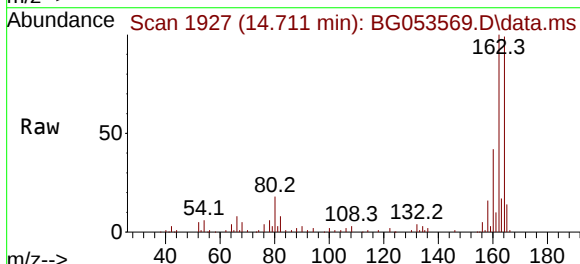
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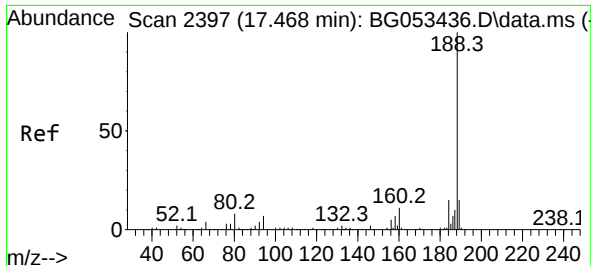
Tgt Ion:165 Resp: 10005
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.363 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:165 Resp: 10005
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

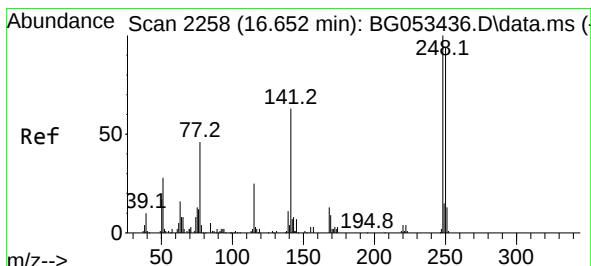
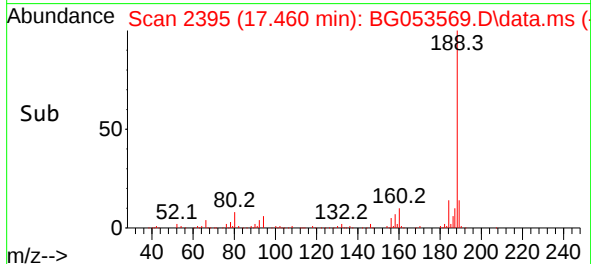
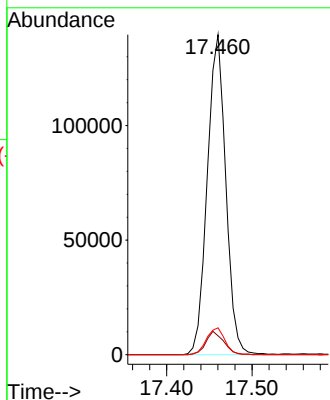
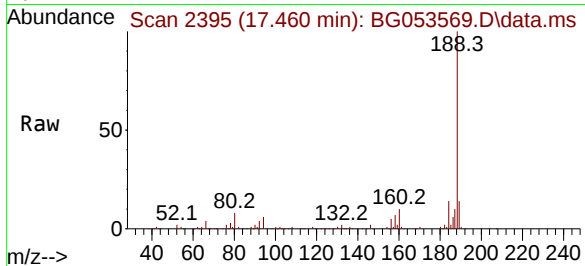




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2181
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

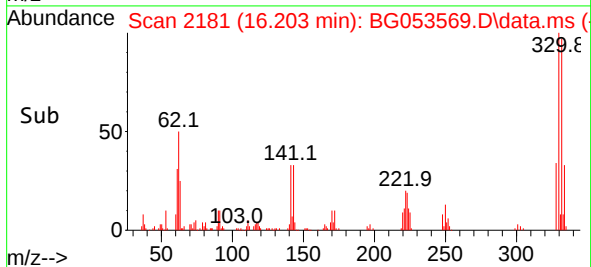
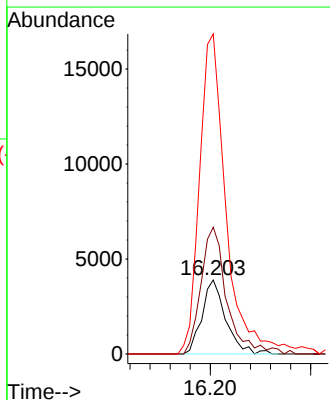
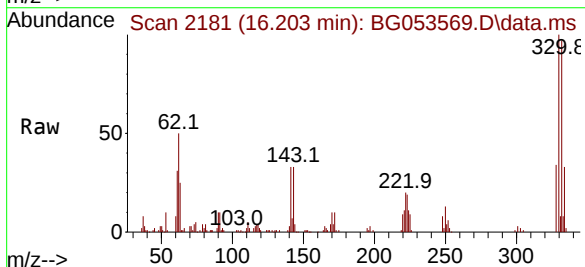
Instrument :
BNA_G
ClientSampleId :
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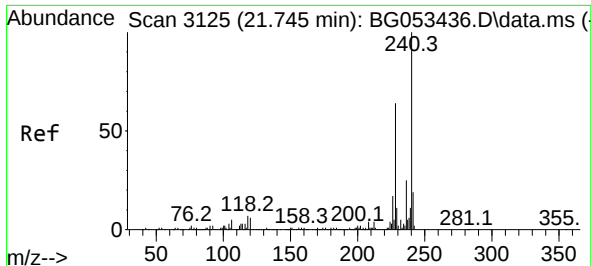
Tgt Ion:188 Resp: 210084
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 8.4 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 2.611 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.440 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:248 Resp: 6407
Ion Ratio Lower Upper
248 100
250 171.4 75.2 112.8#
141 432.9 50.0 75.0#

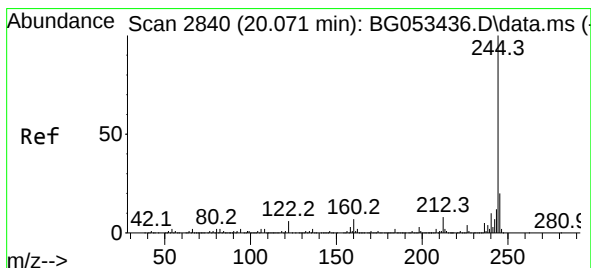
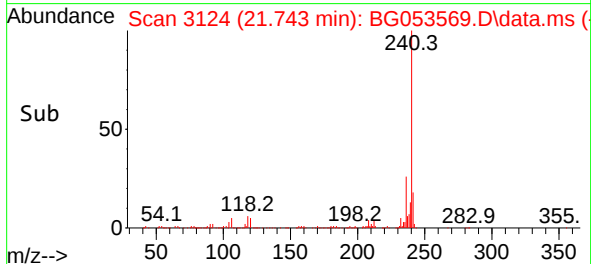
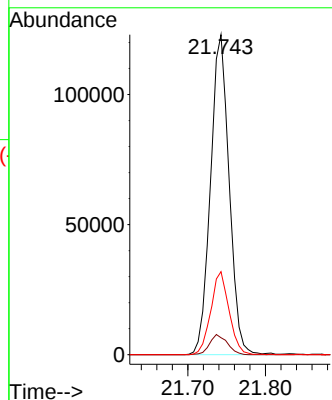
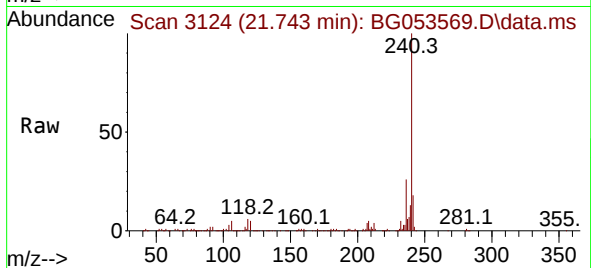




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

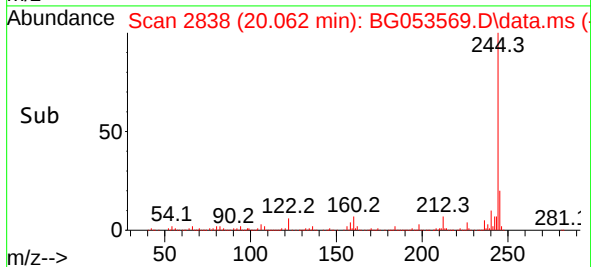
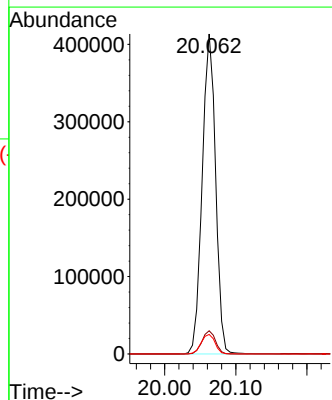
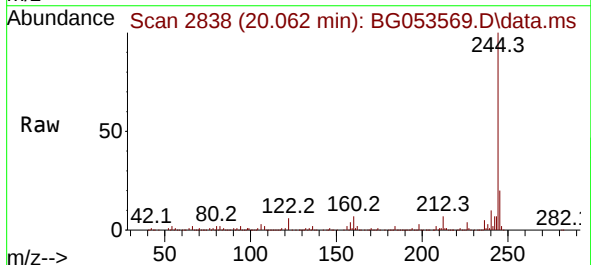
Instrument :
BNA_G
ClientSampleId :
SB12

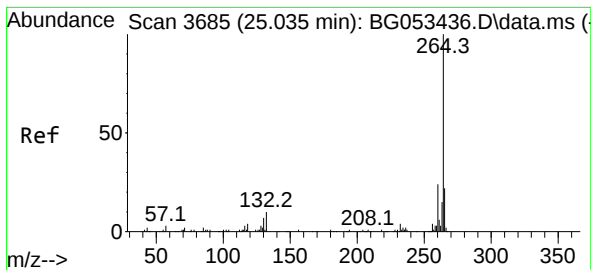
Tgt Ion:240 Resp: 205487
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 26.0 20.2 30.4



#79
Terphenyl-d14
Concen: 49.176 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:244 Resp: 542561
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.1 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.026 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG053569.D

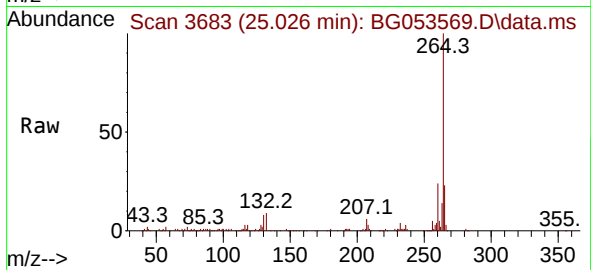
Acq: 16 May 2022 16:17

Instrument :

BNA_G

ClientSampleId :

SB12



Tgt Ion:264 Resp: 208042

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.7 17.4 26.2

