

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053736.D
 Acq On : 27 May 2022 16:51
 Operator : CG/JU
 Sample : N3072-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4206

Quant Time: May 28 01:58:28 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 25 15:11:41 2022
 Response via : Initial Calibration

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

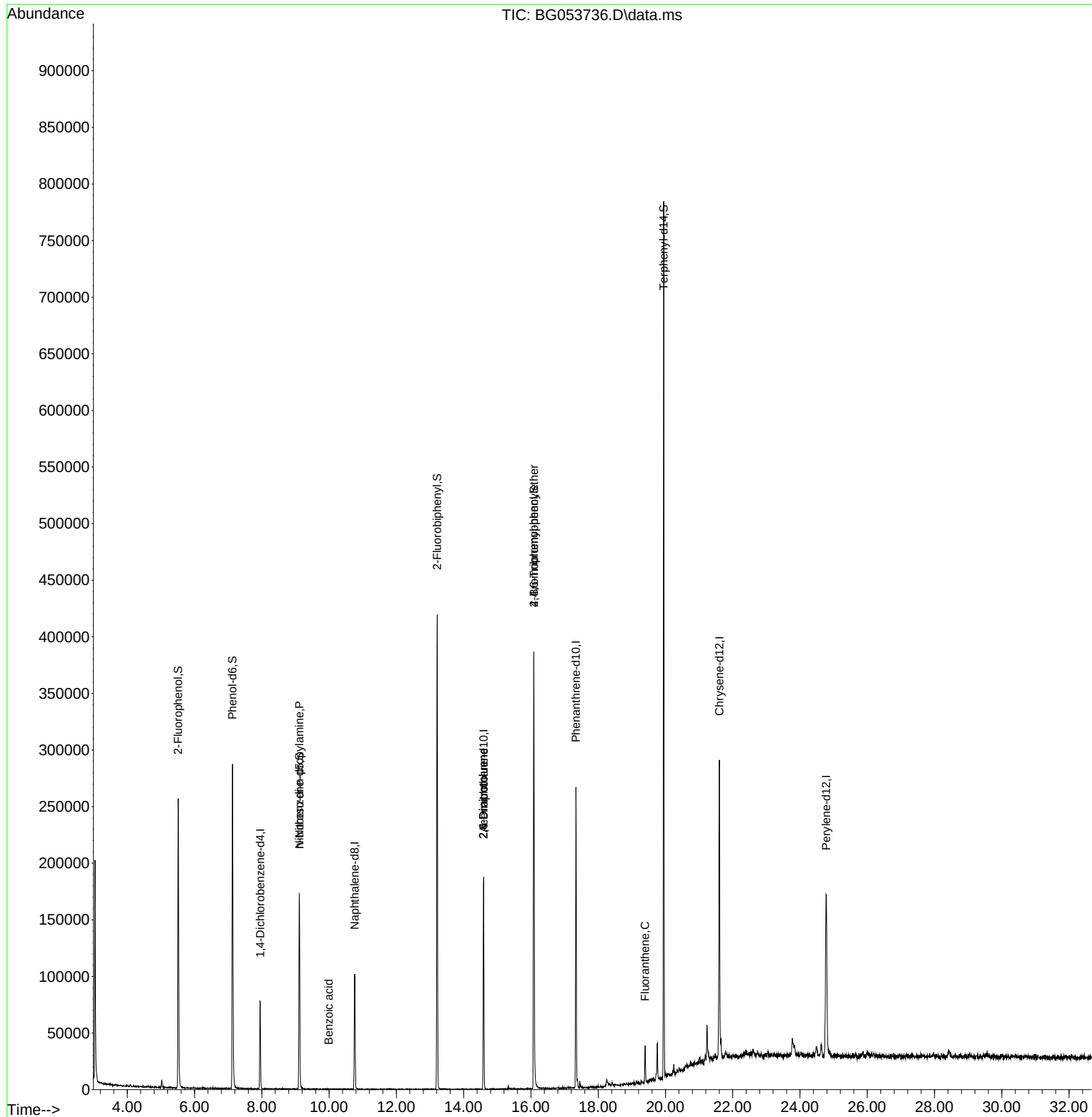
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	20950	20.000	ng	-0.03
21) Naphthalene-d8	10.760	136	84372	20.000	ng	-0.04
39) Acenaphthene-d10	14.596	164	66964	20.000	ng	-0.03
64) Phenanthrene-d10	17.339	188	165173	20.000	ng	-0.03
76) Chrysene-d12	21.604	240	158090	20.000	ng	-0.03
86) Perylene-d12	24.776	264	158929	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	106725	86.457	ng	-0.04
7) Phenol-d6	7.130	99	163617	87.335	ng	-0.03
23) Nitrobenzene-d5	9.115	82	111462	56.236	ng	-0.04
42) 2,4,6-Tribromophenol	16.088	330	85645	86.717	ng	-0.03
45) 2-Fluorobiphenyl	13.215	172	224205	48.926	ng	-0.03
79) Terphenyl-d14	19.947	244	395251	46.565	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.115	70	16473	12.255	ng	# 84
32) Benzoic acid	9.990	122	60	8.553	ng	# 1
51) 2,6-Dinitrotoluene	14.590	165	8562	8.259	ng	# 16
57) 2,4-Dinitrotoluene	14.590	165	8562	5.698	ng	# 21
67) 4-Bromophenyl-phenylether	16.088	248	5644	2.926	ng	# 1
75) Fluoranthene	19.395	202	22363	2.056	ng	95

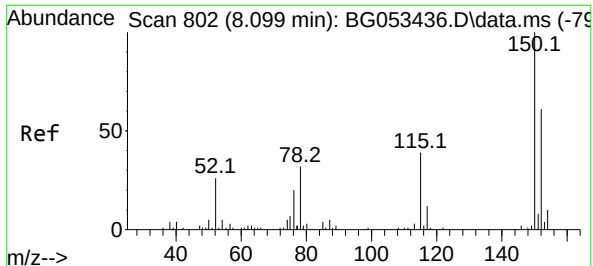
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
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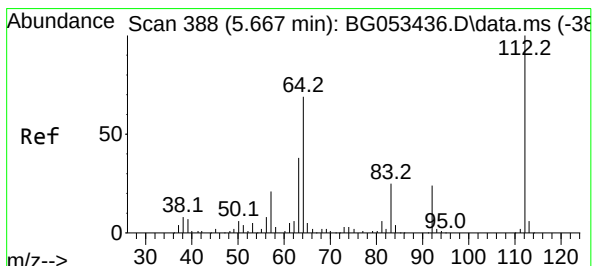
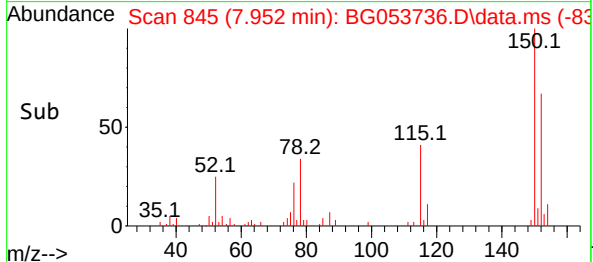
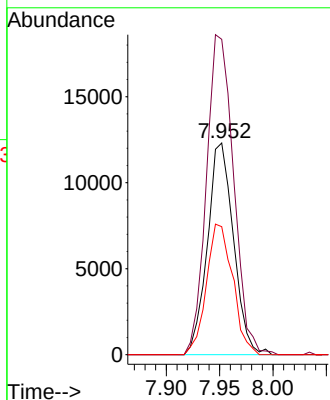
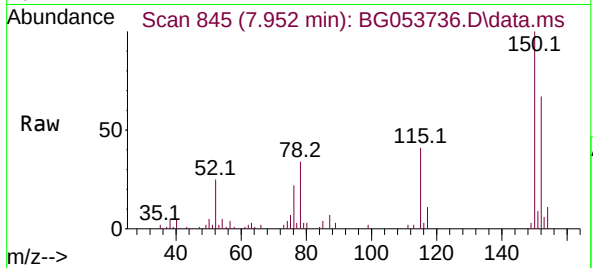




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 84
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

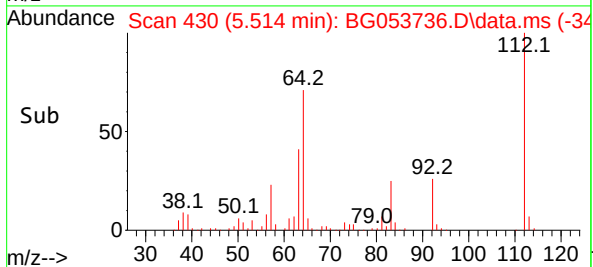
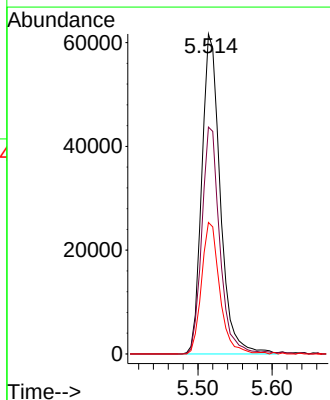
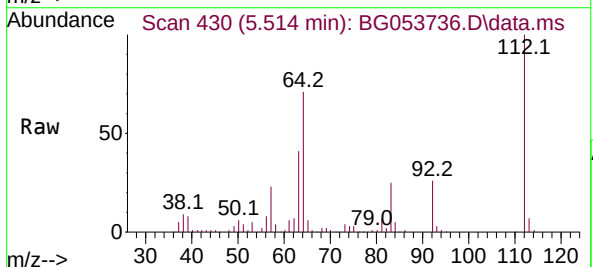
Instrument :
BNA_G
ClientSampleId :
RT-4206

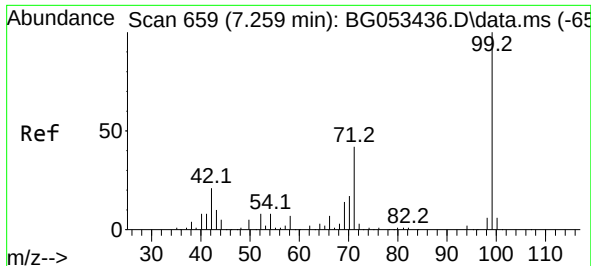
Tgt Ion:152 Resp: 20950
Ion Ratio Lower Upper
152 100
150 149.0 131.6 197.4
115 60.5 50.9 76.3



#5
2-Fluorophenol
Concen: 86.457 ng
RT: 5.514 min Scan# 430
Delta R.T. -0.040 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion:112 Resp: 106725
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 41.1 30.4 45.6

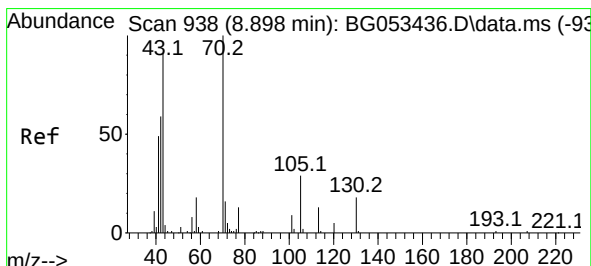
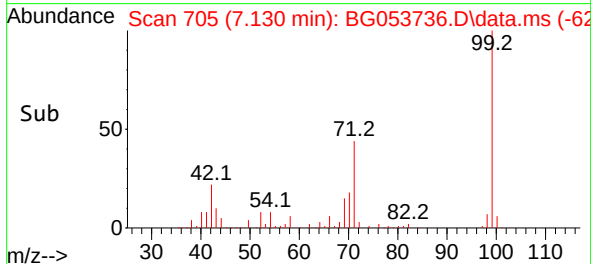
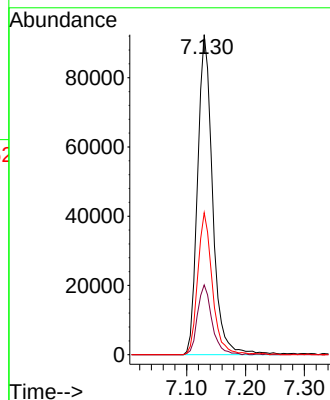
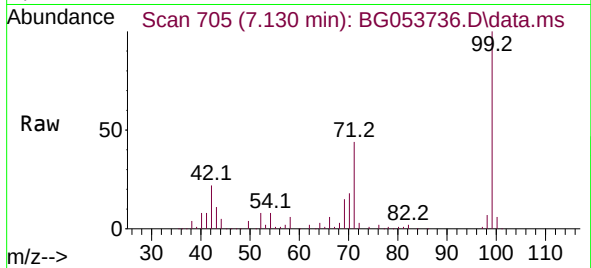




#7
Phenol-d6
Concen: 87.335 ng
RT: 7.130 min Scan# 70
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

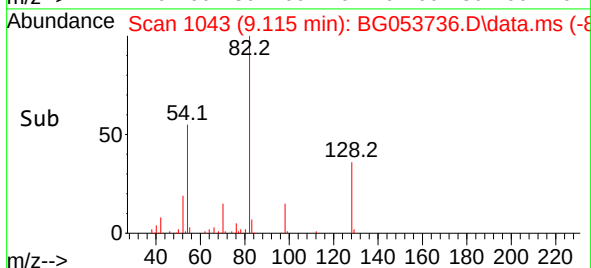
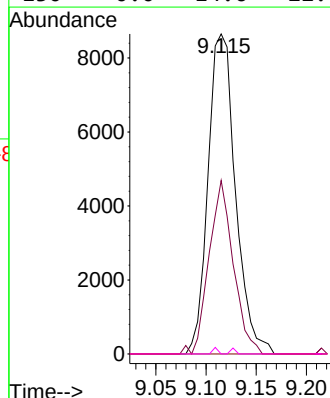
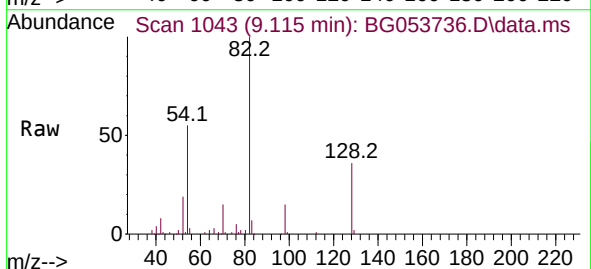
Instrument :
BNA_G
ClientSampleId :
RT-4206

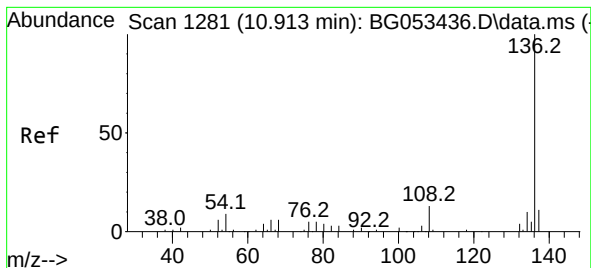
Tgt Ion: 99 Resp: 163617
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 44.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.255 ng
RT: 9.115 min Scan# 1043
Delta R.T. 0.318 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion: 70 Resp: 16473
Ion Ratio Lower Upper
70 100
42 54.2 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.760 min Scan# 11

Delta R.T. -0.040 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

Instrument :

BNA_G

ClientSampleId :

RT-4206

Tgt Ion:136 Resp: 84372

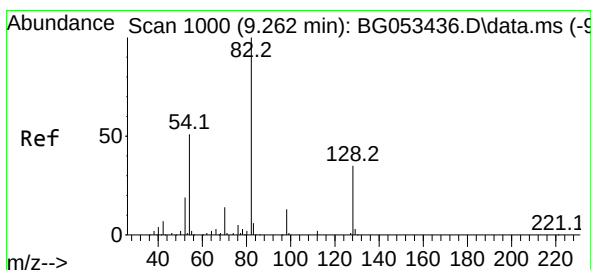
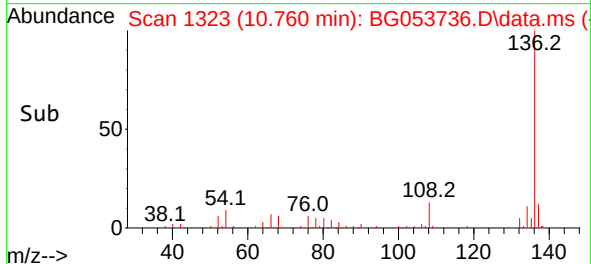
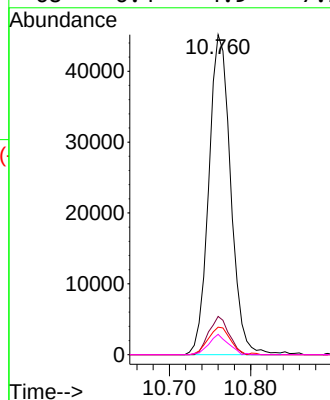
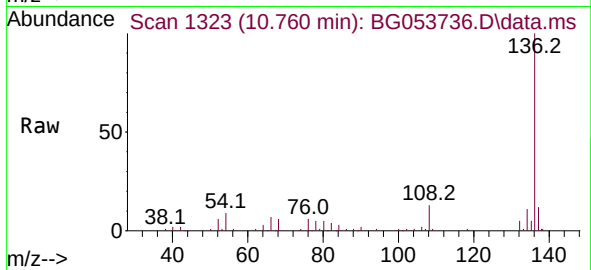
Ion Ratio Lower Upper

136 100

137 11.9 8.5 12.7

54 8.6 7.4 11.2

68 6.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 56.236 ng

RT: 9.115 min Scan# 1043

Delta R.T. -0.040 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

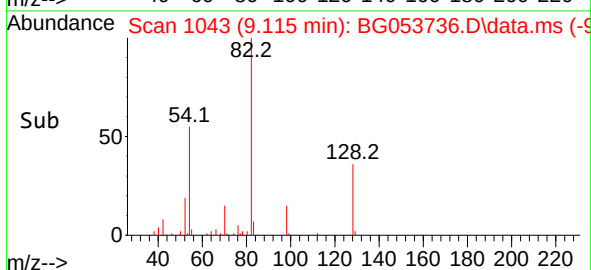
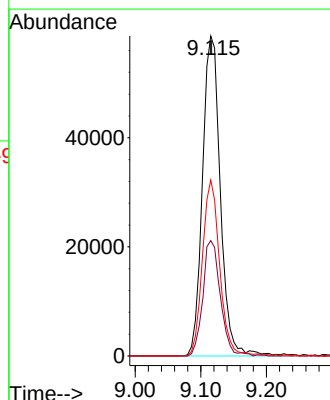
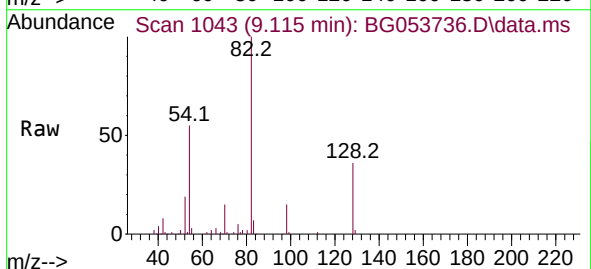
Tgt Ion: 82 Resp: 111462

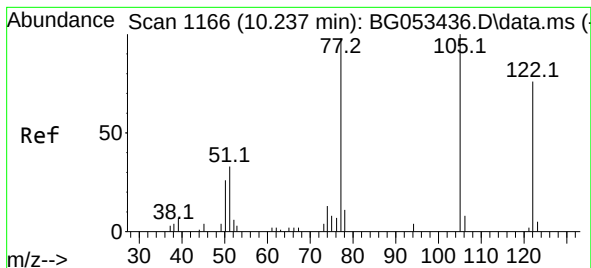
Ion Ratio Lower Upper

82 100

128 36.1 27.9 41.9

54 55.0 41.2 61.8





#32

Benzoic acid

Concen: 8.553 ng

RT: 9.990 min Scan# 1166

Delta R.T. -0.169 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

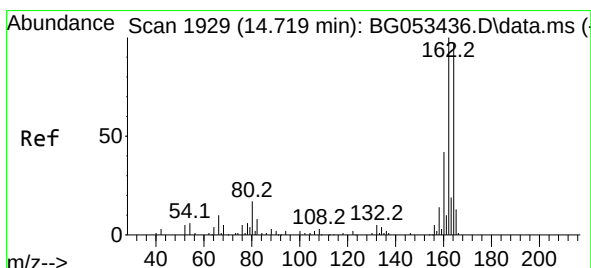
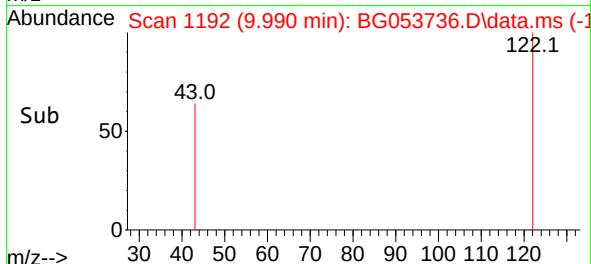
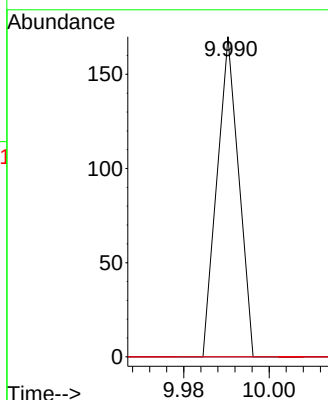
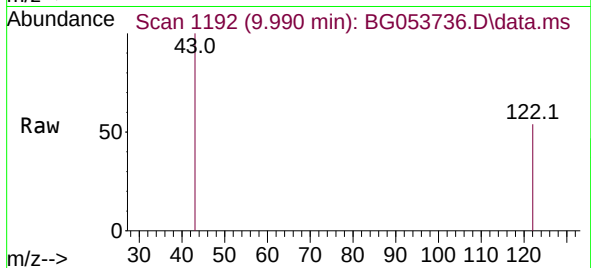
Instrument :

BNA_G

ClientSampleId :

RT-4206

Tgt Ion:122	Resp:	60
Ion	Ratio	Lower Upper
122	100	
105	0.0	111.8 151.8#
77	0.0	109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

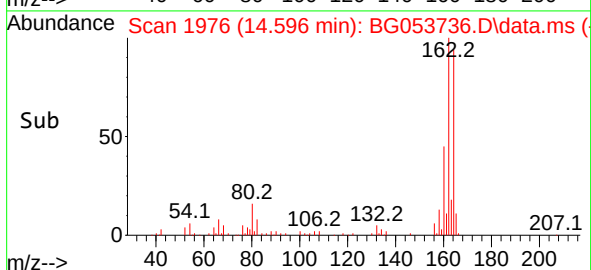
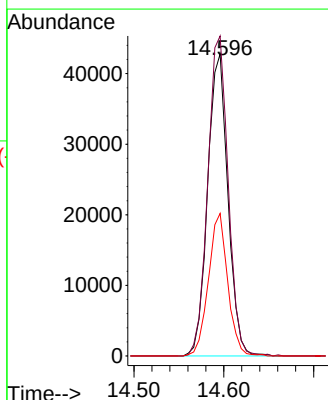
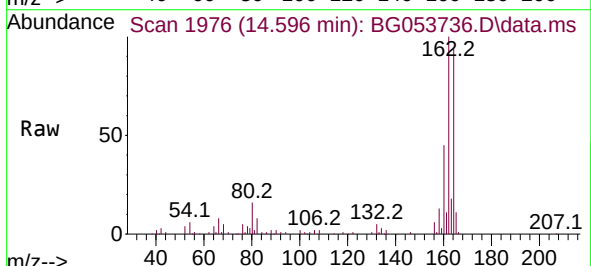
RT: 14.596 min Scan# 1976

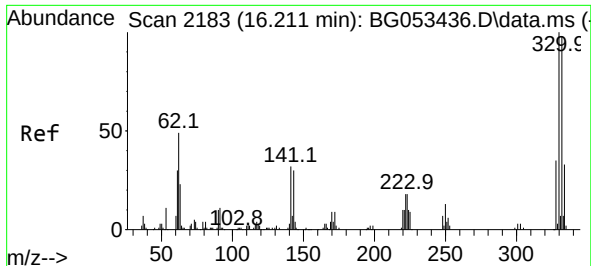
Delta R.T. -0.028 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

Tgt Ion:164	Resp:	66964
Ion	Ratio	Lower Upper
164	100	
162	105.9	82.3 123.5
160	47.2	34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 86.717 ng

RT: 16.088 min Scan# 21

Delta R.T. -0.028 min

Lab File: BG053736.D

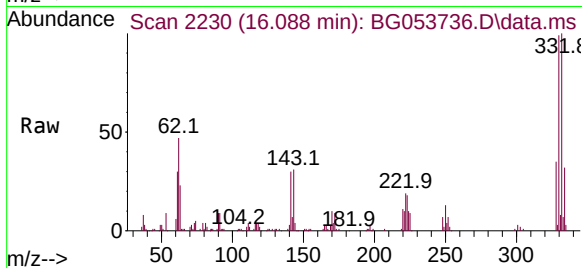
Acq: 27 May 2022 16:51

Instrument :

BNA_G

ClientSampleId :

RT-4206



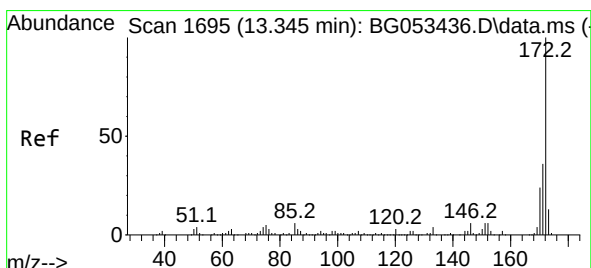
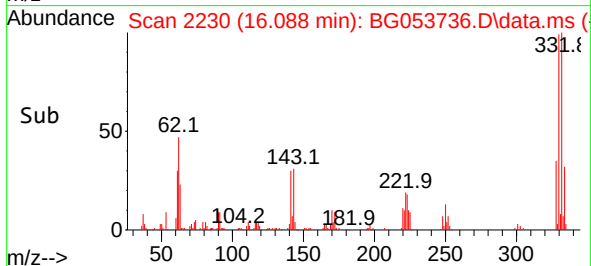
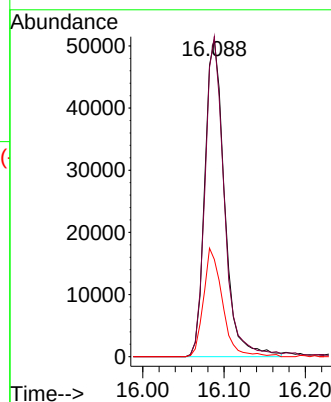
Tgt Ion:330 Resp: 85645

Ion Ratio Lower Upper

330 100

332 99.5 76.0 114.0

141 33.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 48.926 ng

RT: 13.215 min Scan# 1741

Delta R.T. -0.028 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

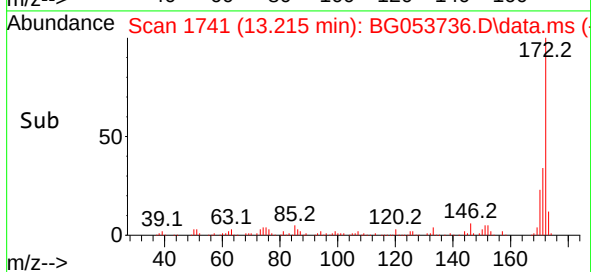
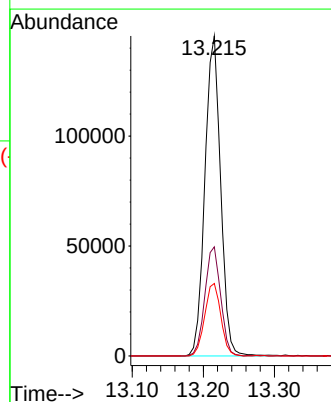
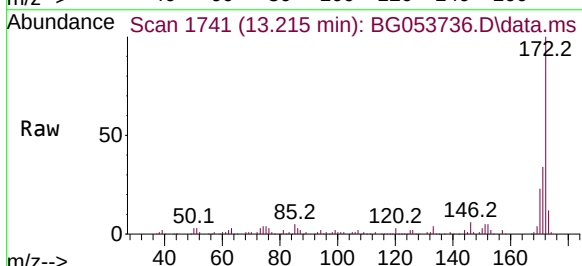
Tgt Ion:172 Resp: 224205

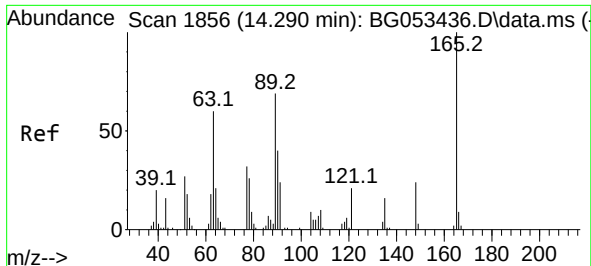
Ion Ratio Lower Upper

172 100

171 34.1 28.5 42.7

170 22.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.259 ng

RT: 14.590 min Scan# 1975

Delta R.T. 0.389 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

Instrument :

BNA_G

ClientSampleId :

RT-4206

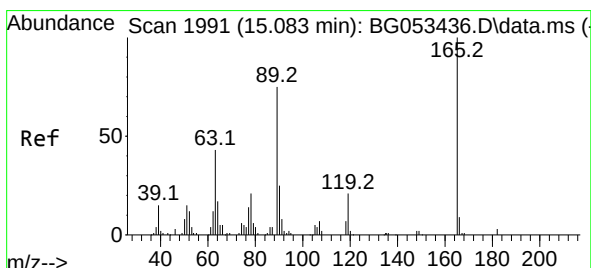
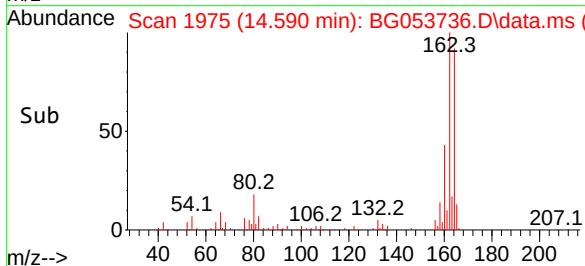
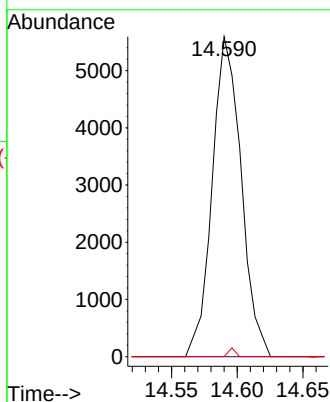
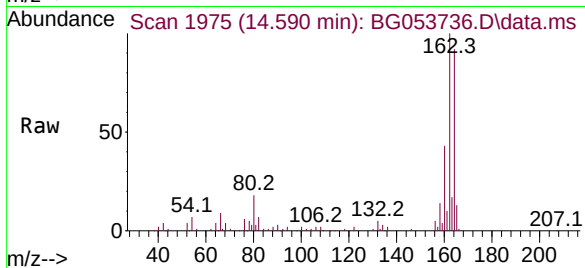
Tgt Ion:165 Resp: 8562

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: 5.698 ng

RT: 14.590 min Scan# 1975

Delta R.T. -0.404 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

Tgt Ion:165 Resp: 8562

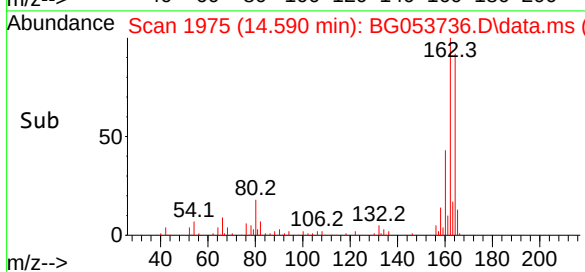
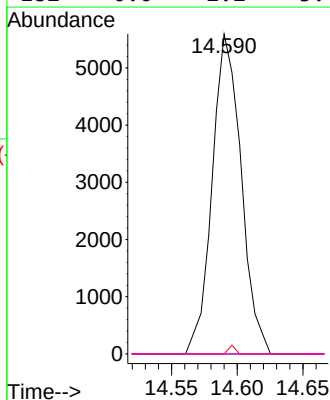
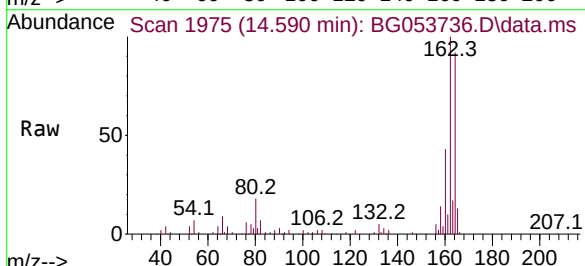
Ion Ratio Lower Upper

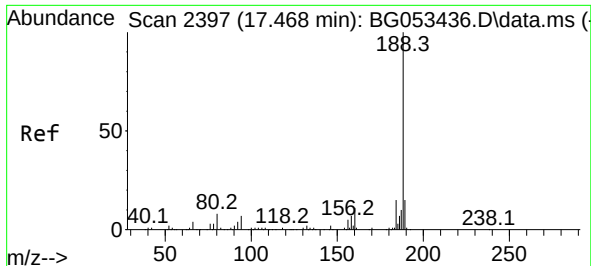
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

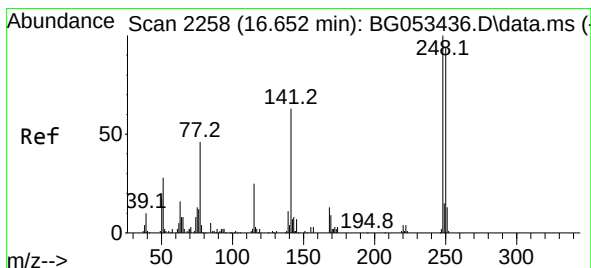
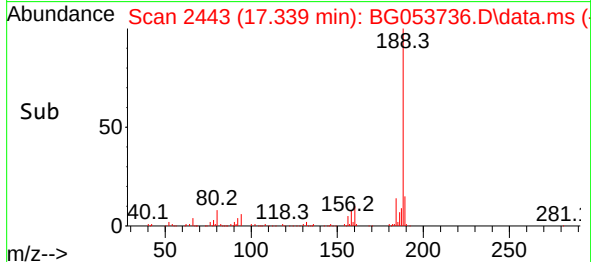
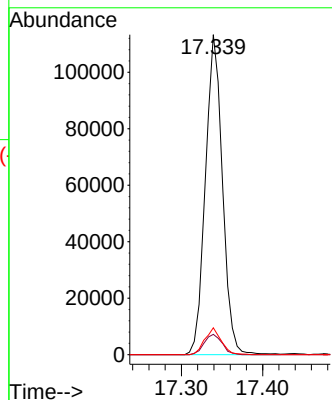
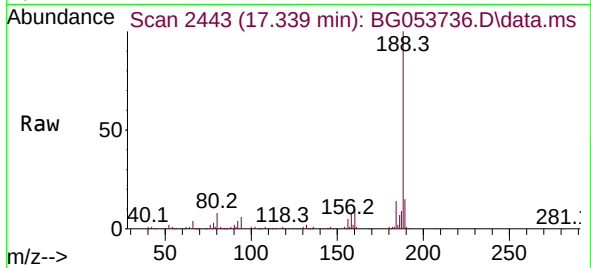




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

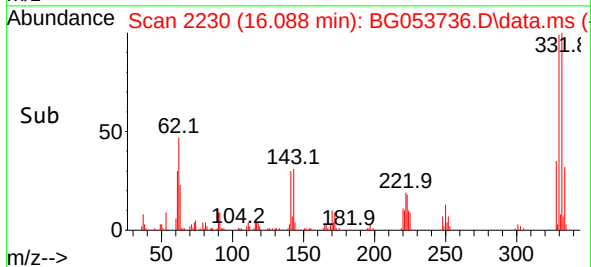
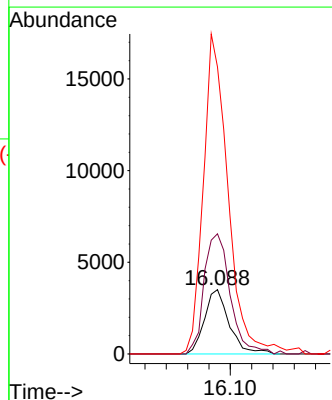
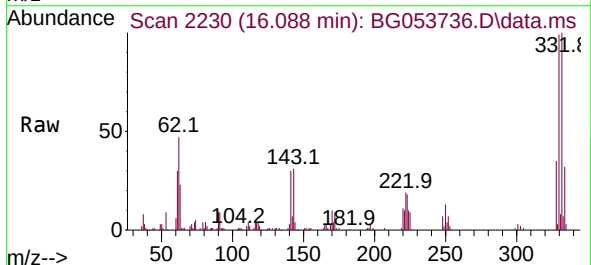
Instrument :
BNA_G
ClientSampleId :
RT-4206

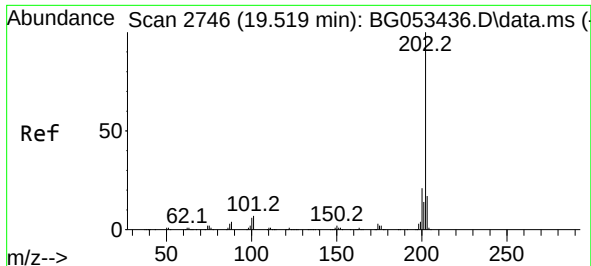
Tgt Ion:188 Resp: 165173
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.4 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 2.926 ng
RT: 16.088 min Scan# 2230
Delta R.T. -0.463 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion:248 Resp: 5644
Ion Ratio Lower Upper
248 100
250 186.5 75.2 112.8#
141 445.7 50.0 75.0#

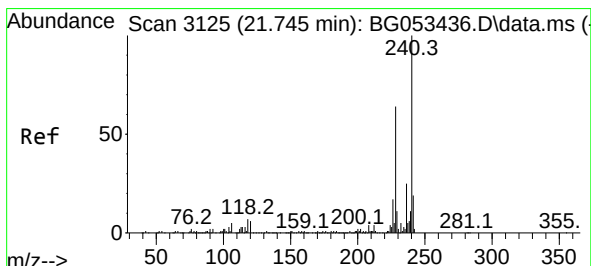
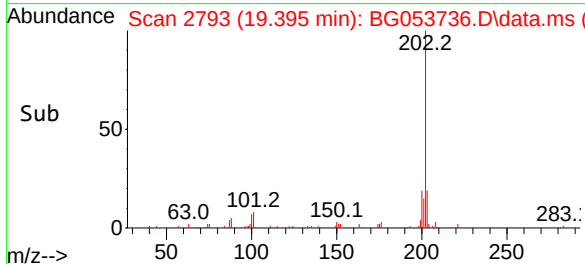
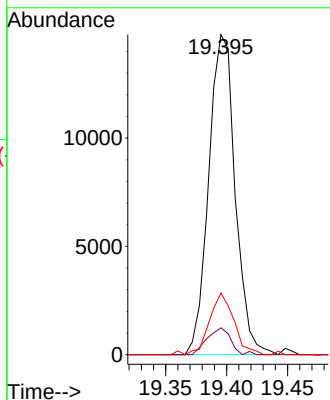
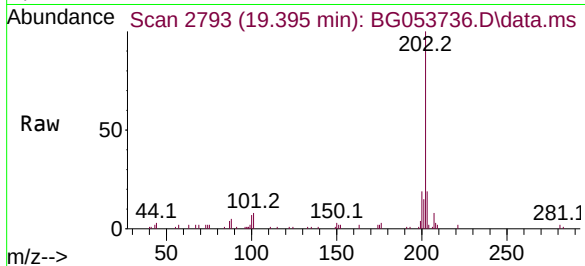




#75
Fluoranthene
Concen: 2.056 ng
RT: 19.395 min Scan# 21
Delta R.T. -0.028 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

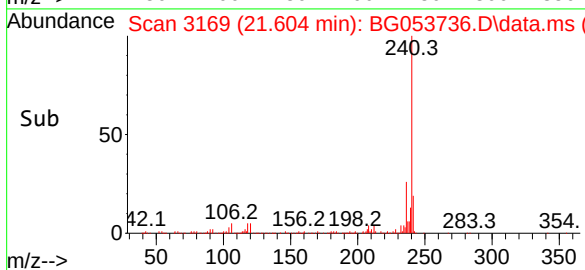
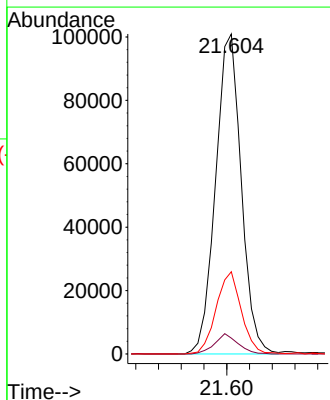
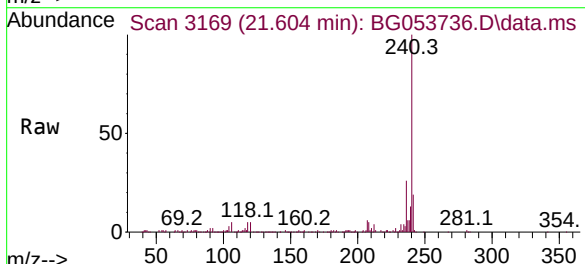
Instrument :
BNA_G
ClientSampleId :
RT-4206

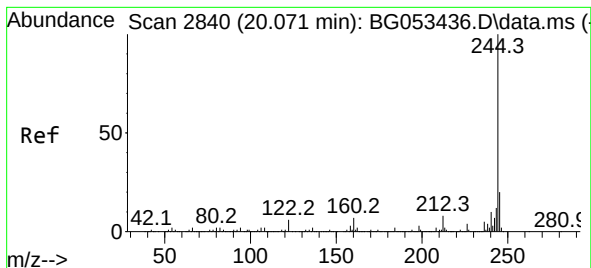
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	26.9
203	19.3	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3169
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.6	7.0
236	25.7	20.2	30.4





#79

Terphenyl-d14

Concen: 46.565 ng

RT: 19.947 min Scan# 21

Delta R.T. -0.028 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

Instrument :

BNA_G

ClientSampleId :

RT-4206

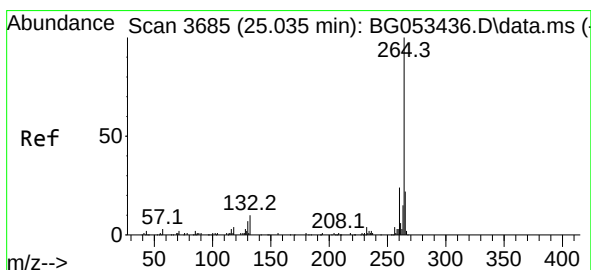
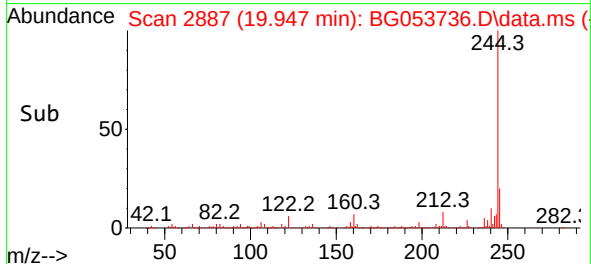
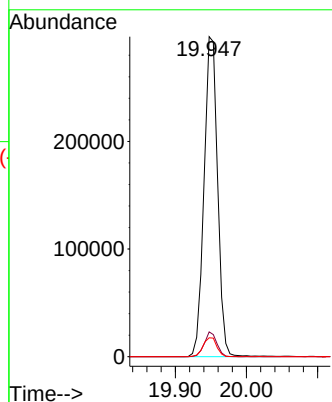
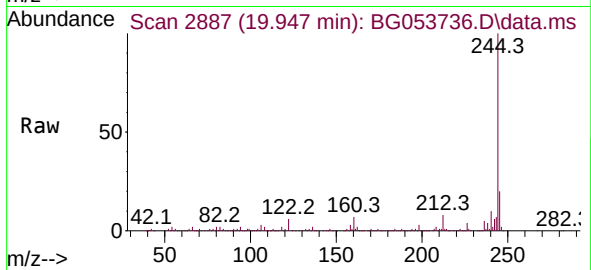
Tgt Ion:244 Resp: 395251

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 5.9 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.776 min Scan# 3709

Delta R.T. -0.064 min

Lab File: BG053736.D

Acq: 27 May 2022 16:51

Tgt Ion:264 Resp: 158929

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 23.1 17.4 26.2

