

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053416.D
 Acq On : 3 May 2022 14:17
 Operator : CG/JU
 Sample : N2619-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB01-13-14-FT

Quant Time: May 04 06:06:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

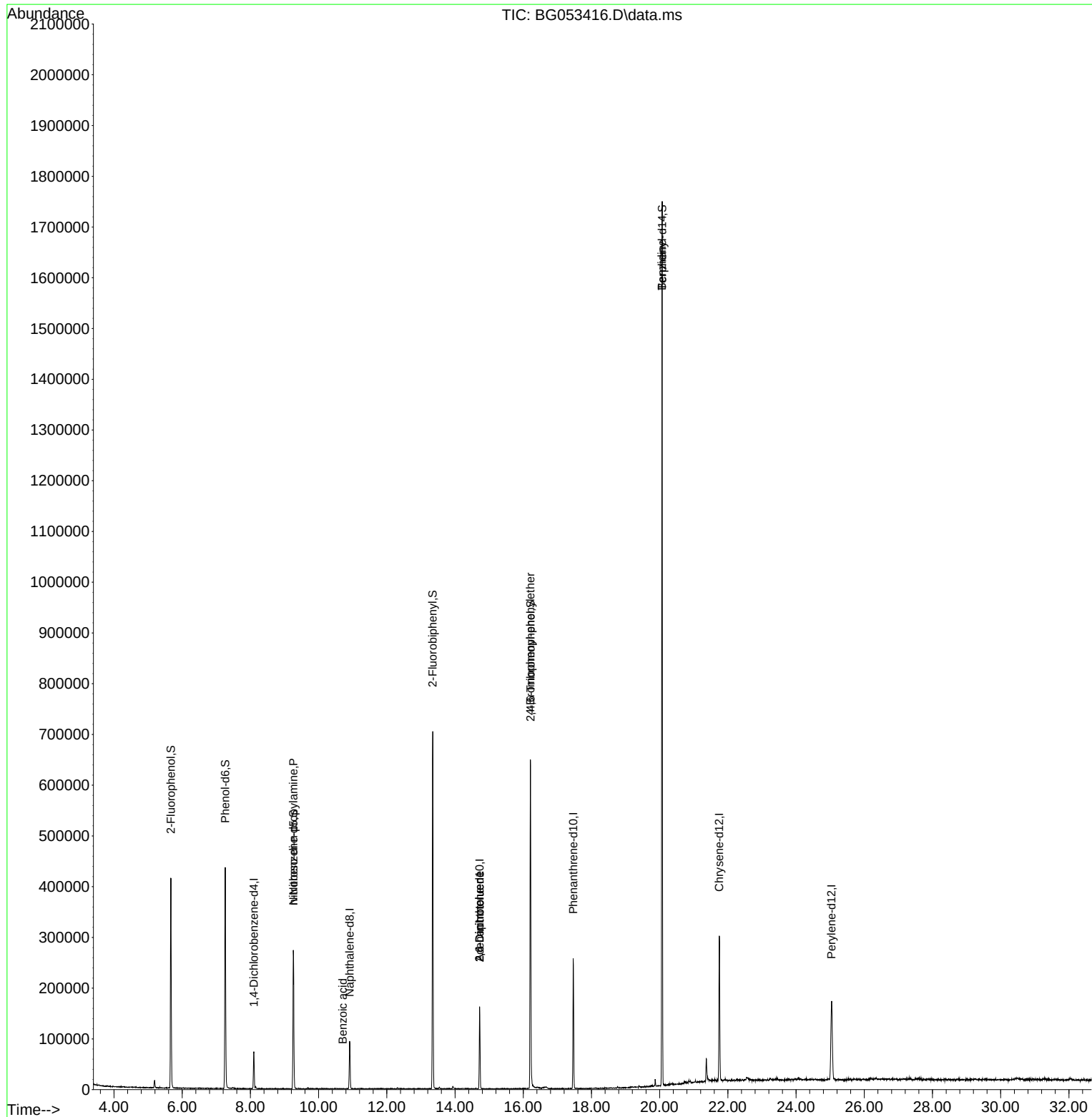
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	19508	20.000	ng	# 0.00
21) Naphthalene-d8	10.909	136	78875	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	59341	20.000	ng	0.00
64) Phenanthrene-d10	17.465	188	169854	20.000	ng	0.00
76) Chrysene-d12	21.748	240	188865	20.000	ng	0.00
86) Perylene-d12	25.037	264	187262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	174707	153.516	ng	0.00
7) Phenol-d6	7.261	99	252484	143.868	ng	0.00
23) Nitrobenzene-d5	9.259	82	180203	92.765	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	144480	153.036	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	382786	88.948	ng	0.00
79) Terphenyl-d14	20.074	244	907261	81.131	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.259	70	25358	19.737	ng	# 79
32) Benzoic acid	10.704	122	66	3.712	ng	# 1
51) 2,6-Dinitrotoluene	14.722	165	7566	7.641	ng	# 24
57) 2,4-Dinitrotoluene	14.722	165	7566	5.367	ng	# 22
67) 4-Bromophenyl-phenylether	16.208	248	9668	4.442	ng	# 1
77) Benzidine	20.068	184	14628	2.715	ng	# 88

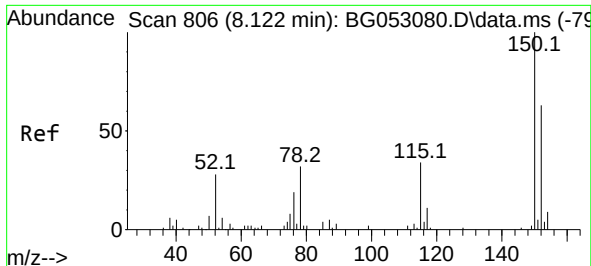
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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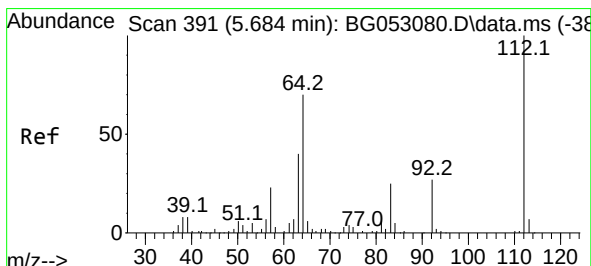
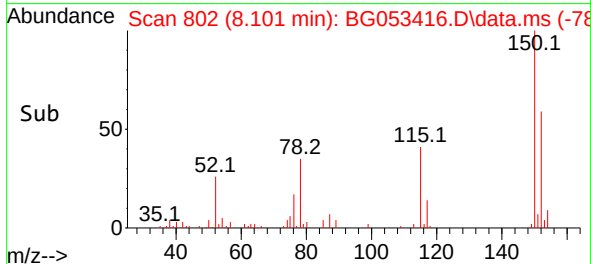
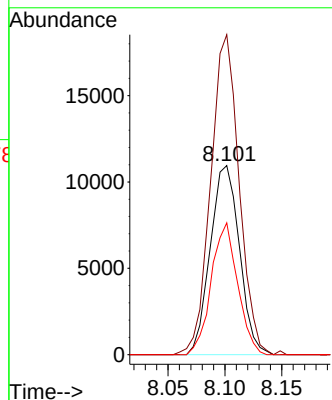
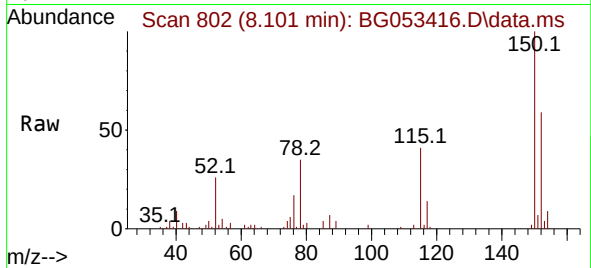




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

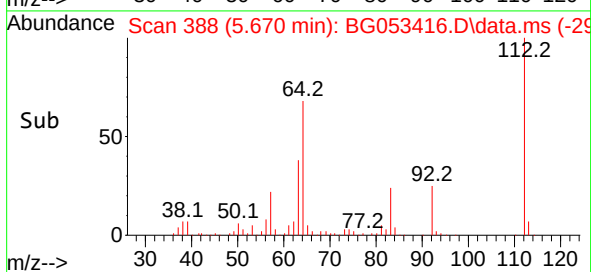
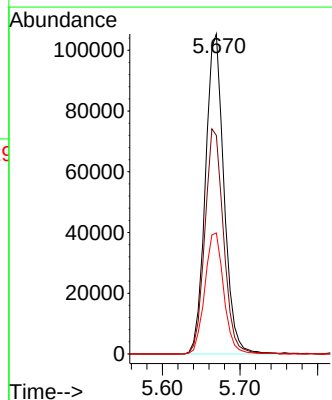
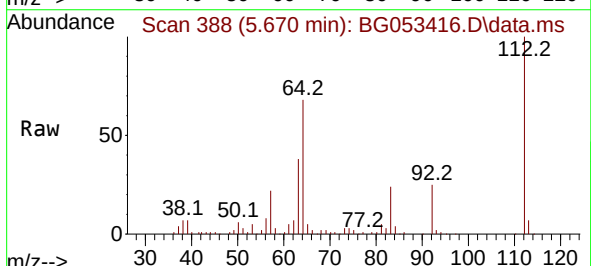
Instrument :
BNA_G
ClientSampleId :
SB01-13-14-FT

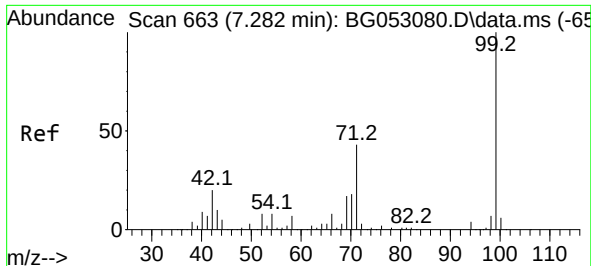
Tgt Ion:152 Resp: 19508
Ion Ratio Lower Upper
152 100
150 169.2 114.6 172.0
115 69.7 45.9 68.9#



#5
2-Fluorophenol
Concen: 153.516 ng
RT: 5.670 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

Tgt Ion:112 Resp: 174707
Ion Ratio Lower Upper
112 100
64 68.3 48.0 72.0
63 37.8 26.5 39.7

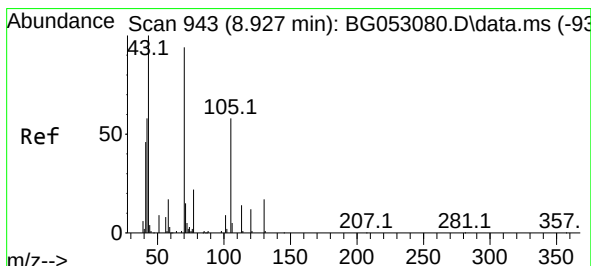
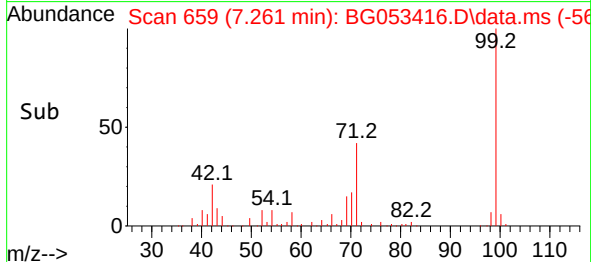
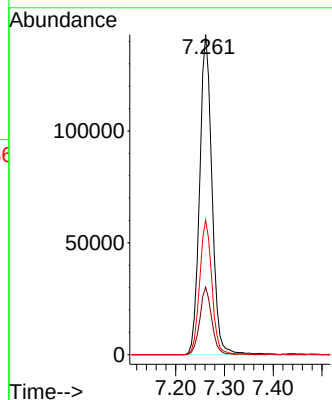
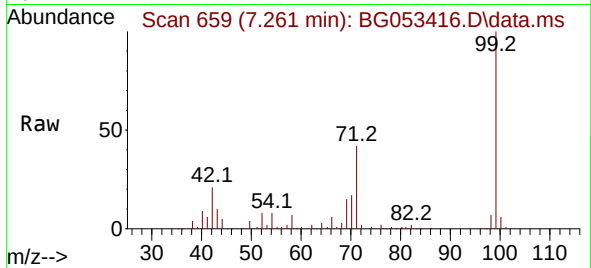




#7
Phenol-d6
Concen: 143.868 ng
RT: 7.261 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

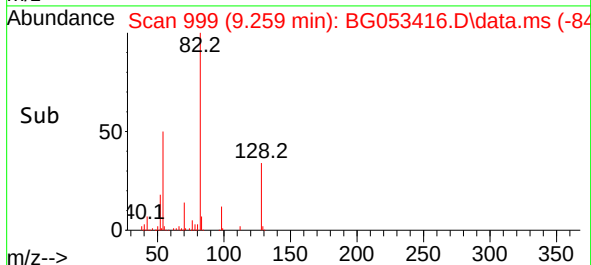
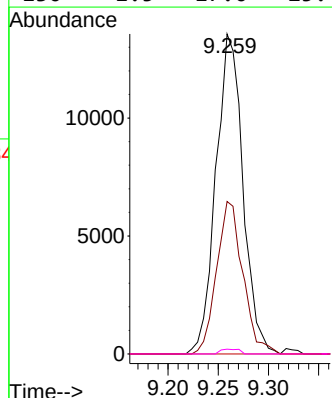
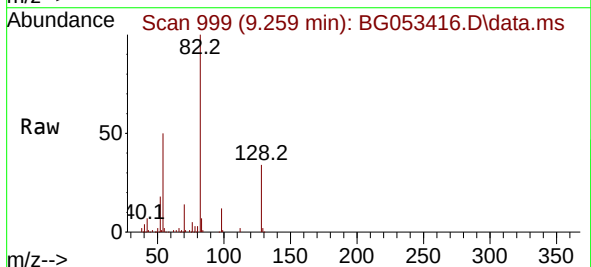
Instrument :
BNA_G
ClientSampleId :
SB01-13-14-FT

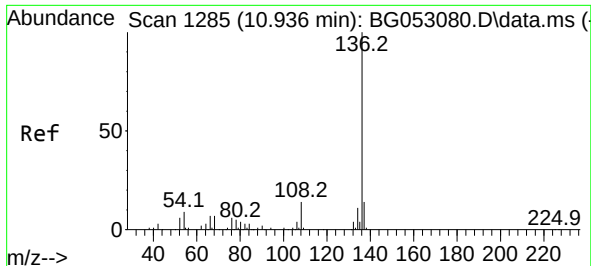
Tgt Ion: 99 Resp: 252484
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 42.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.737 ng
RT: 9.259 min Scan# 999
Delta R.T. 0.352 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

Tgt Ion: 70 Resp: 25358
Ion Ratio Lower Upper
70 100
42 47.6 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

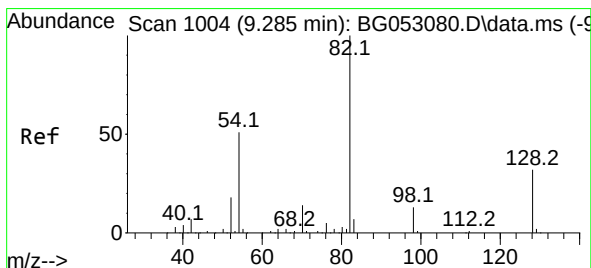
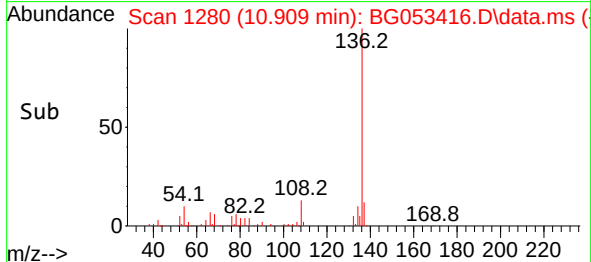
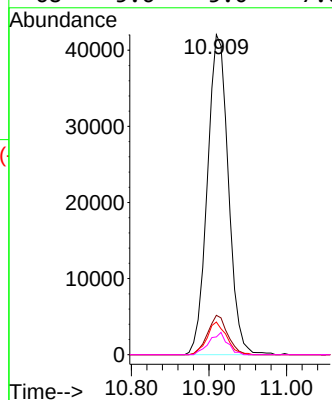
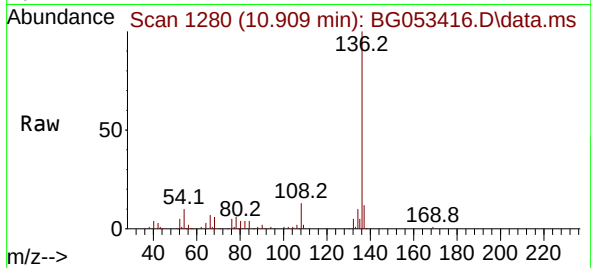




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.909 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

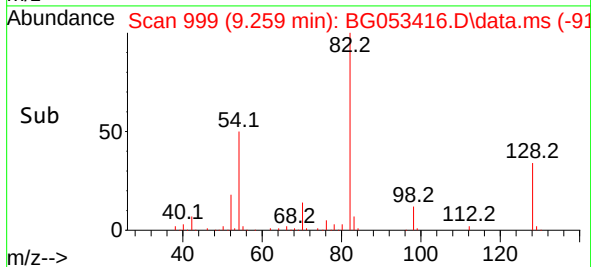
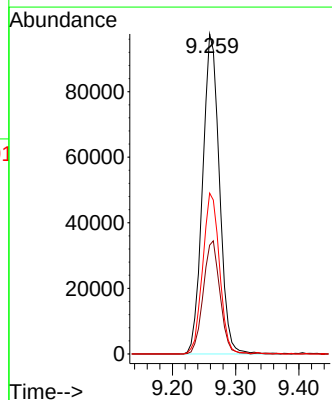
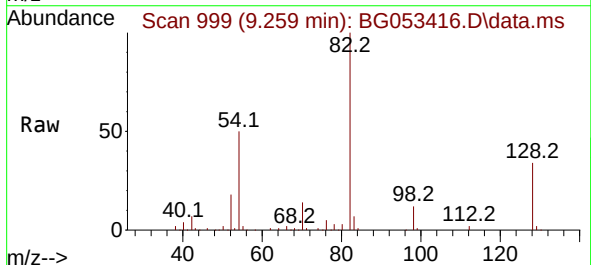
Instrument :
BNA_G
ClientSampleId :
SB01-13-14-FT

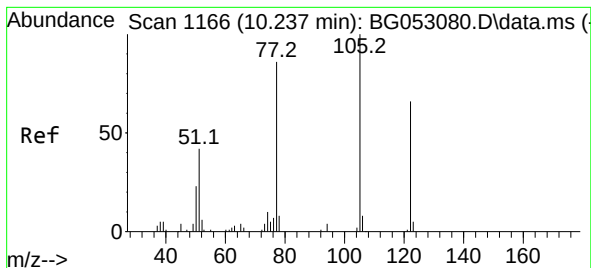
Tgt Ion:136 Resp: 78875
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 10.2 6.4 9.6#
68 5.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.765 ng
RT: 9.259 min Scan# 999
Delta R.T. -0.006 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

Tgt Ion: 82 Resp: 180203
Ion Ratio Lower Upper
82 100
128 34.0 31.3 46.9
54 50.2 37.8 56.8





#32

Benzoic acid

Concen: 3.712 ng

RT: 10.704 min Scan# 1166

Delta R.T. 0.458 min

Lab File: BG053416.D

Acq: 3 May 2022 14:17

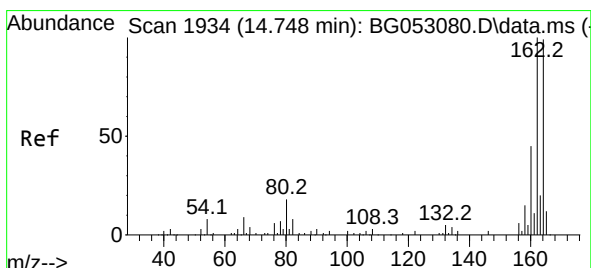
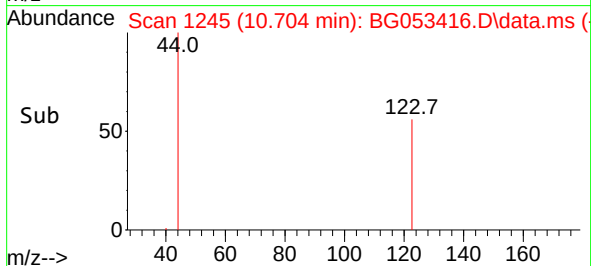
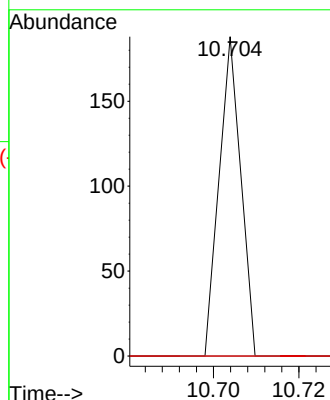
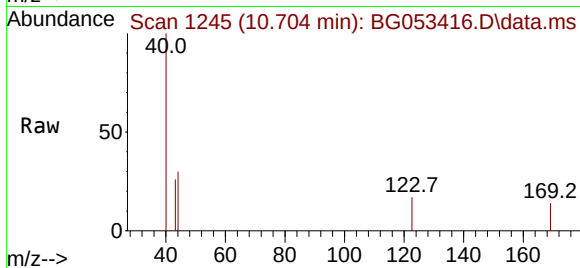
Instrument :

BNA_G

ClientSampleId :

SB01-13-14-FT

Tgt Ion:	122	Resp:	66
Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.8	152.8#
77	0.0	78.4	118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

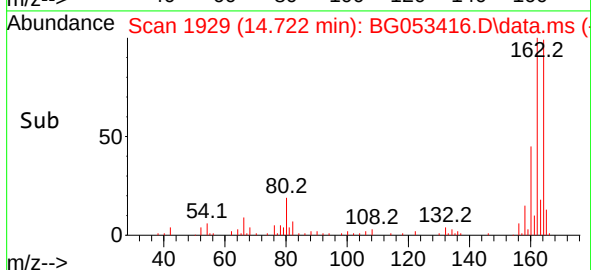
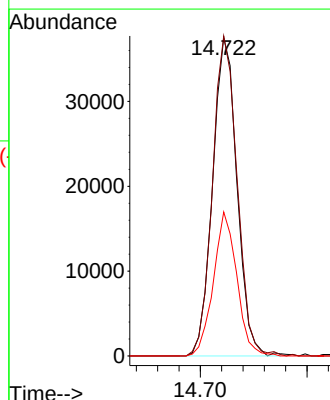
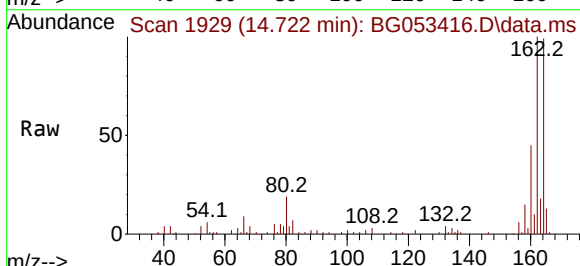
RT: 14.722 min Scan# 1929

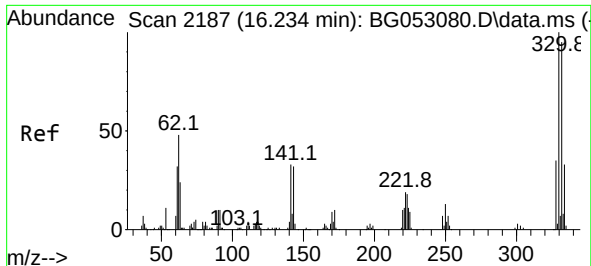
Delta R.T. -0.006 min

Lab File: BG053416.D

Acq: 3 May 2022 14:17

Tgt Ion:	164	Resp:	59341
Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.0	120.0
160	45.2	38.8	58.2

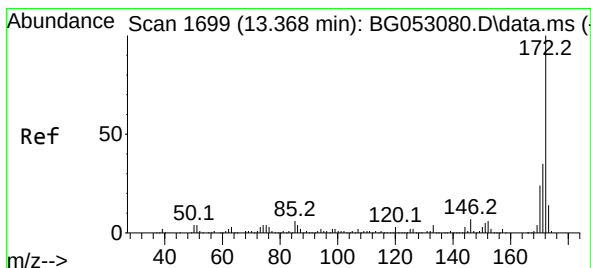
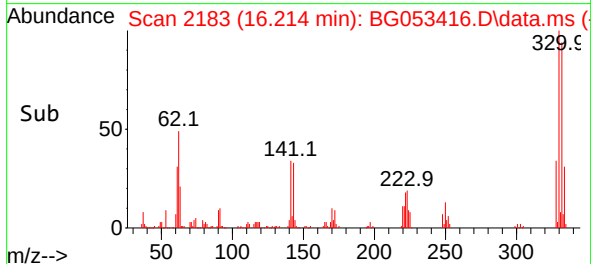
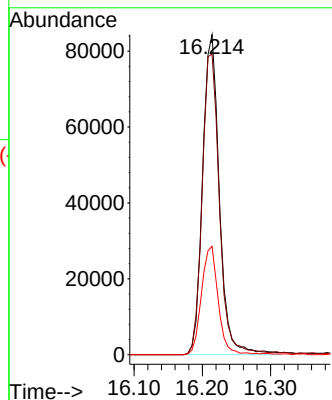
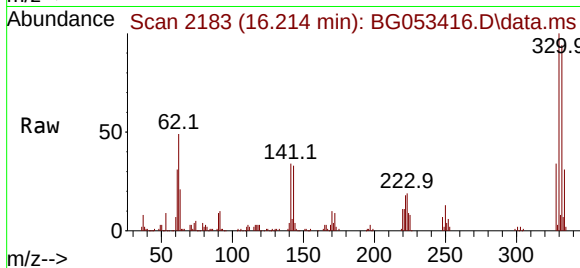




#42
2,4,6-Tribromophenol
Concen: 153.036 ng
RT: 16.214 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

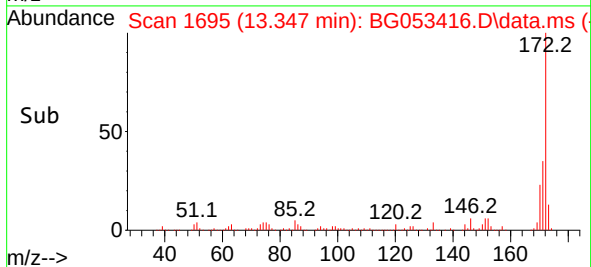
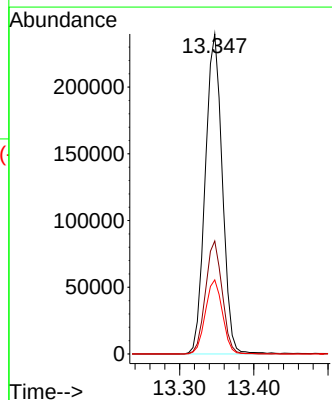
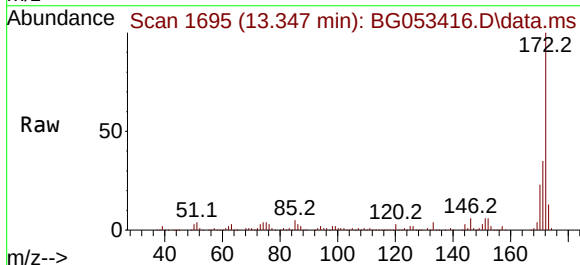
Instrument :
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ClientSampleId :
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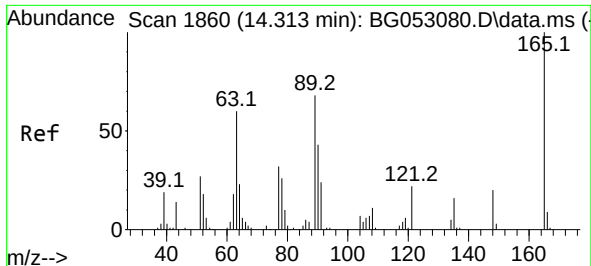
Tgt Ion:330 Resp: 144480
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 33.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 88.948 ng
RT: 13.347 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

Tgt Ion:172 Resp: 382786
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 18.0 27.0

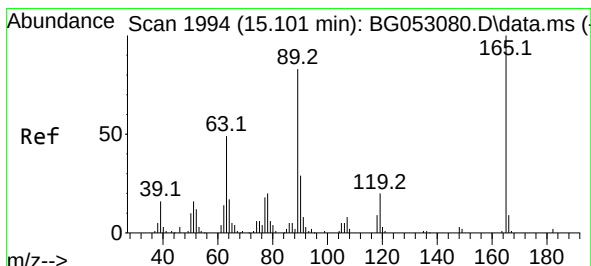
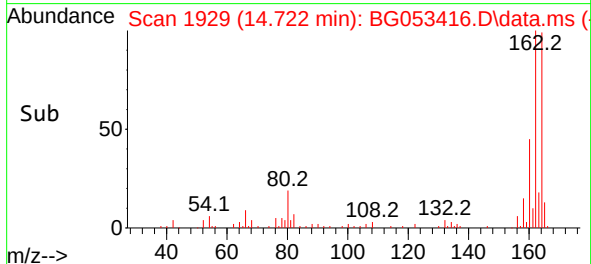
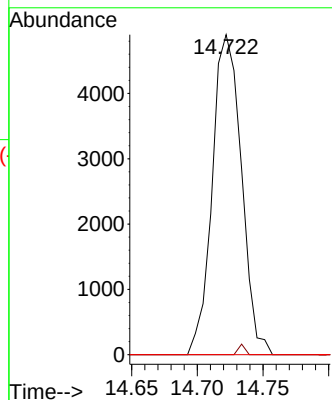
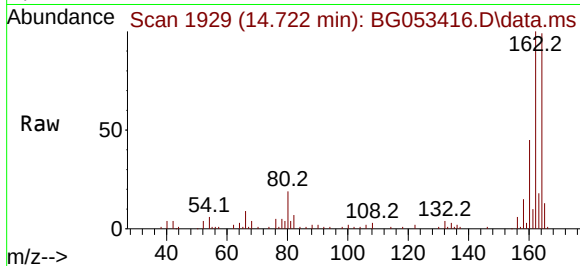




#51
2,6-Dinitrotoluene
Concen: 7.641 ng
RT: 14.722 min Scan# 1929
Delta R.T. 0.429 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

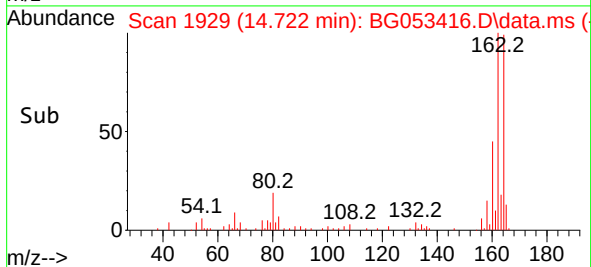
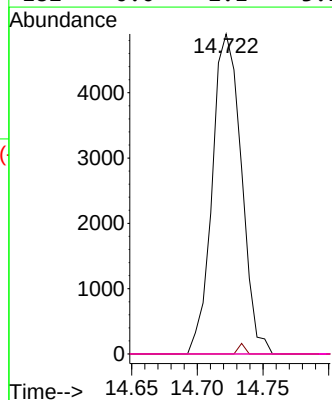
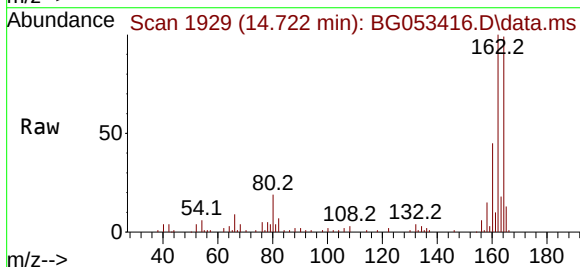
Instrument :
BNA_G
ClientSampleId :
SB01-13-14-FT

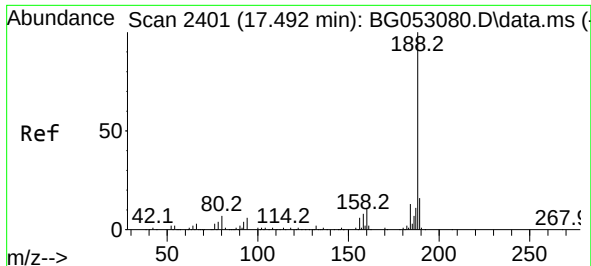
Tgt Ion:165 Resp: 7566
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.367 ng
RT: 14.722 min Scan# 1929
Delta R.T. -0.365 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

Tgt Ion:165 Resp: 7566
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

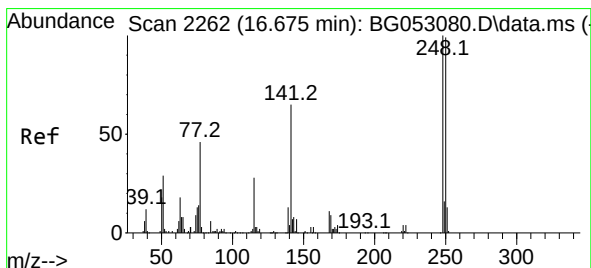
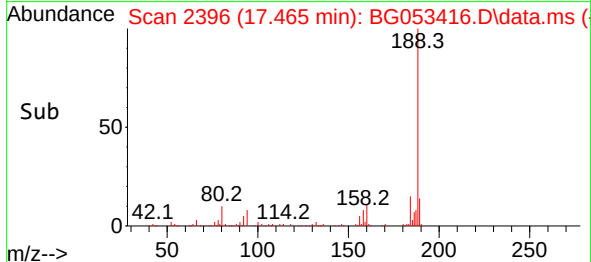
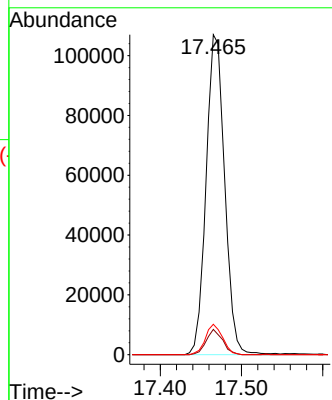
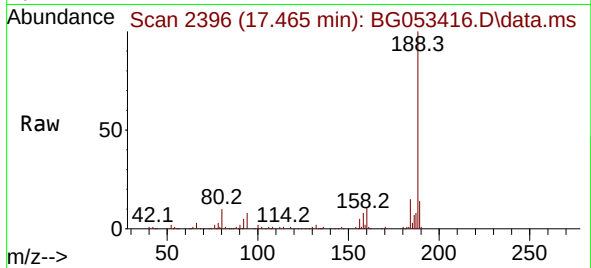




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.465 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

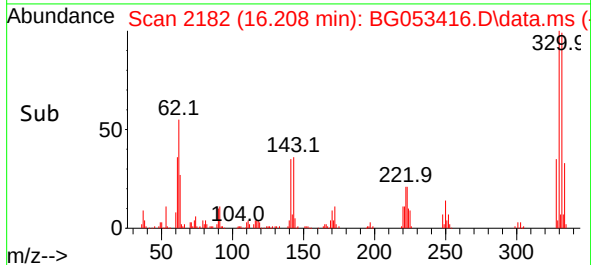
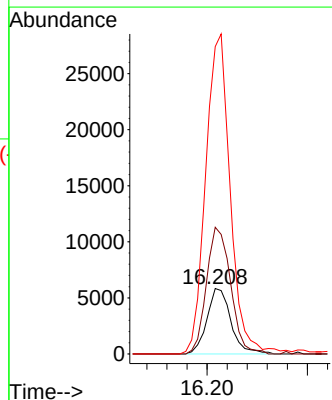
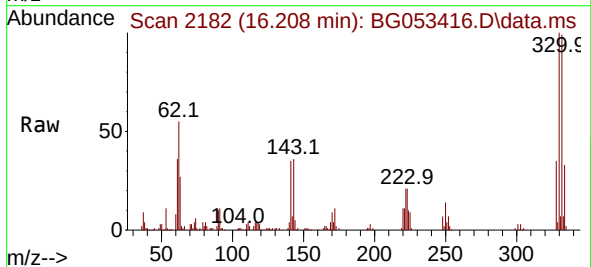
Instrument :
BNA_G
ClientSampleId :
SB01-13-14-FT

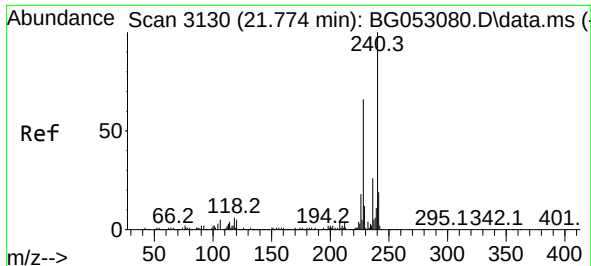
Tgt Ion:188 Resp: 169854
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 9.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.442 ng
RT: 16.208 min Scan# 2182
Delta R.T. -0.447 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

Tgt Ion:248 Resp: 9668
Ion Ratio Lower Upper
248 100
250 193.7 77.9 116.9#
141 469.6 49.2 73.8#

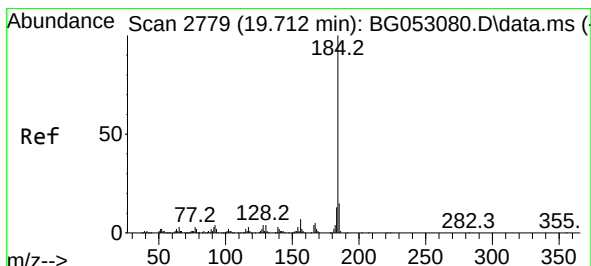
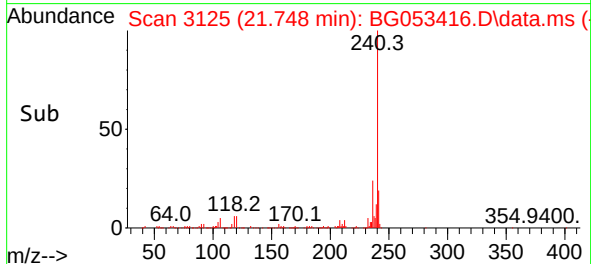
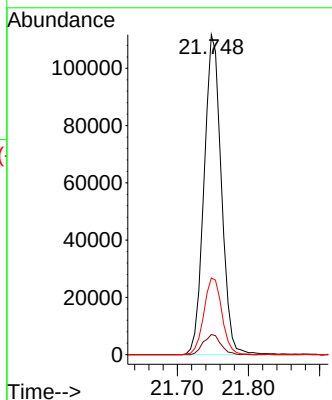
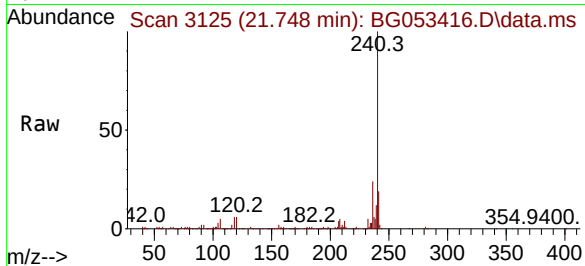




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

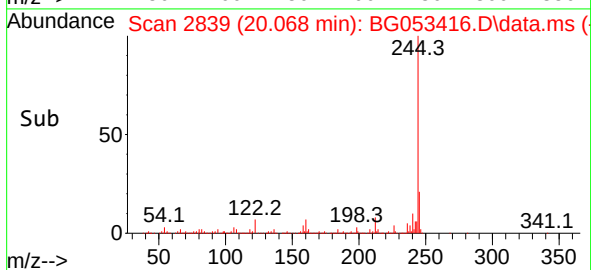
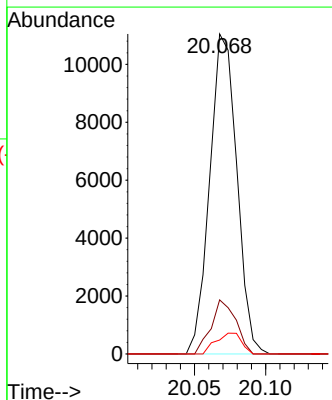
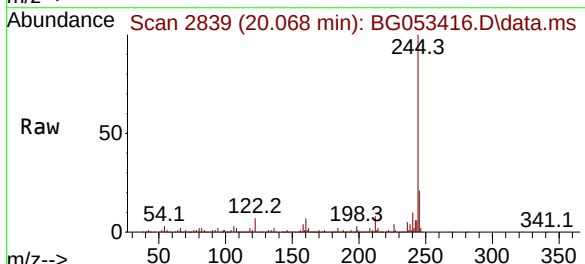
Instrument :
BNA_G
ClientSampleId :
SB01-13-14-FT

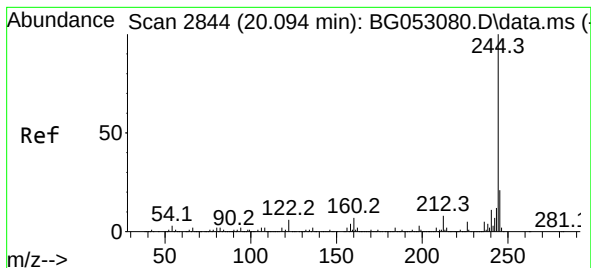
Tgt Ion:240 Resp: 188865
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 24.0 19.8 29.6



#77
Benzidine
Concen: 2.715 ng
RT: 20.068 min Scan# 2839
Delta R.T. 0.376 min
Lab File: BG053416.D
Acq: 3 May 2022 14:17

Tgt Ion:184 Resp: 14628
Ion Ratio Lower Upper
184 100
185 16.9 11.5 17.3
183 4.3 9.4 14.2#





#79

Terphenyl-d14

Concen: 81.131 ng

RT: 20.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG053416.D

Acq: 3 May 2022 14:17

Instrument :

BNA_G

ClientSampleId :

SB01-13-14-FT

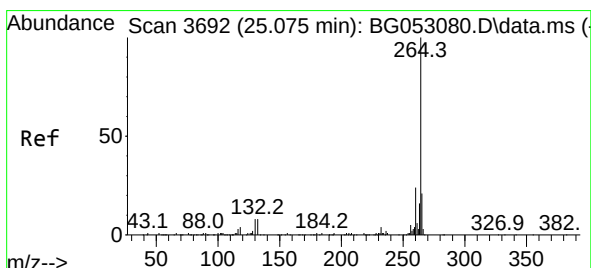
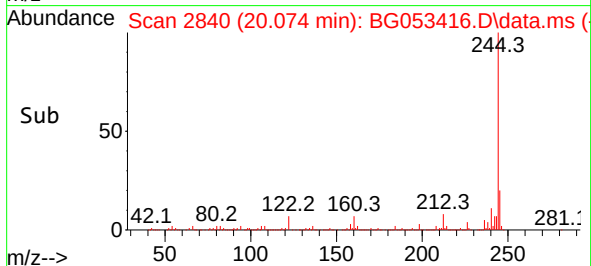
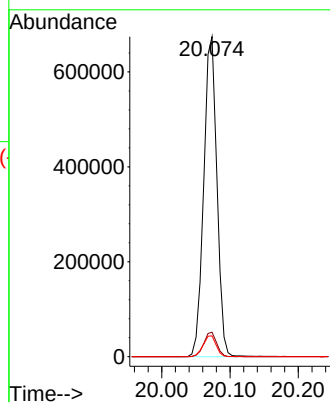
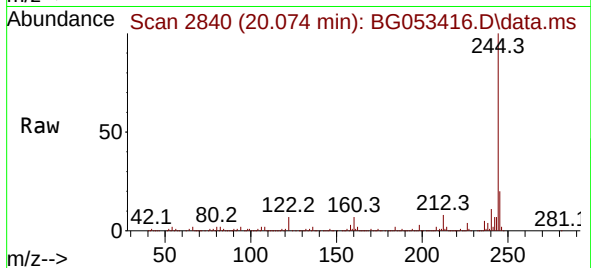
Tgt Ion:244 Resp: 907261

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

122 6.5 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.037 min Scan# 3685

Delta R.T. -0.006 min

Lab File: BG053416.D

Acq: 3 May 2022 14:17

Tgt Ion:264 Resp: 187262

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 20.1 15.1 22.7

