

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053376.D
 Acq On : 29 Apr 2022 14:17
 Operator : CG/JU
 Sample : PB144441BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144441BL

Quant Time: May 02 01:02:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

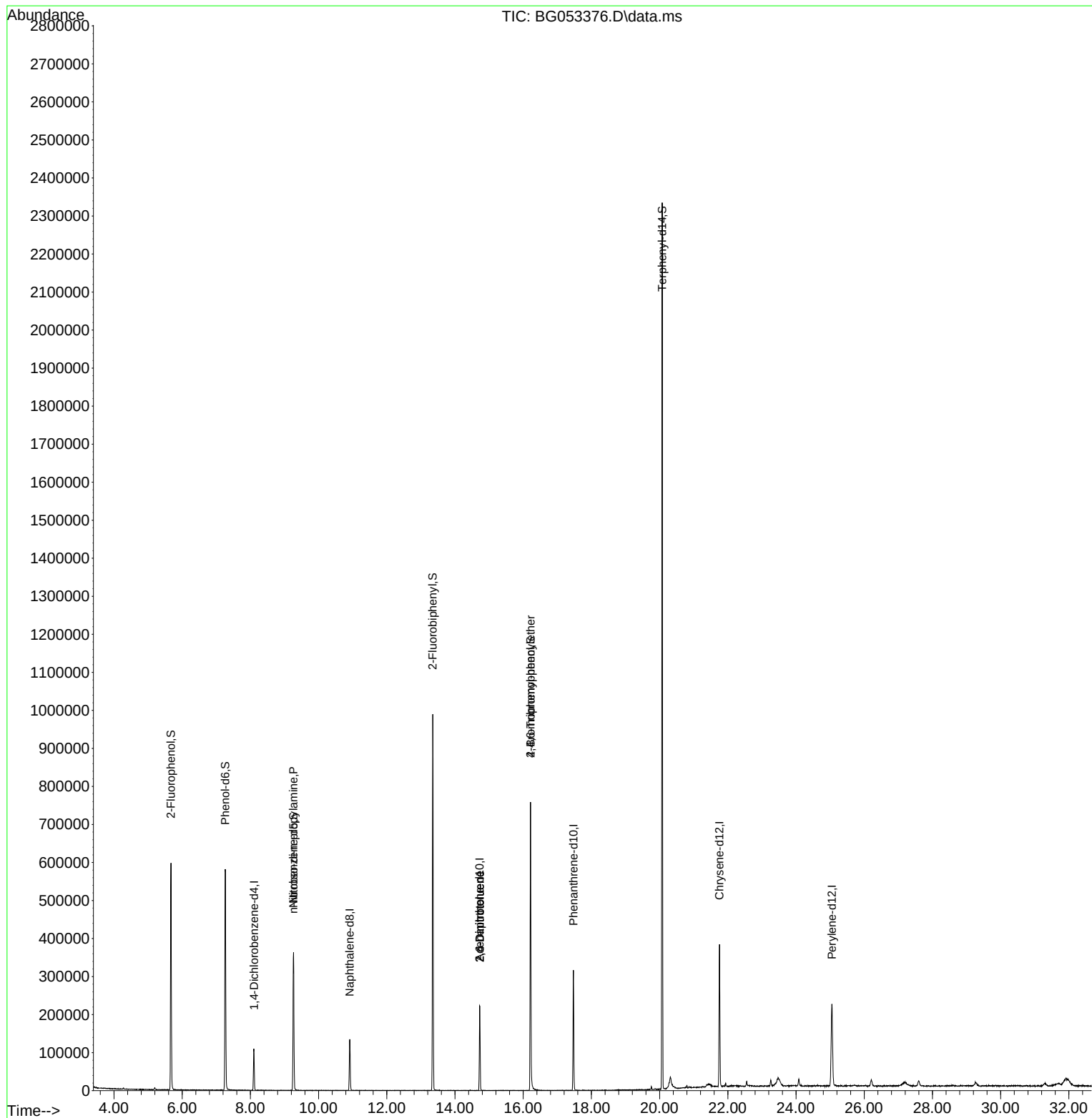
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	30222	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	116087	20.000	ng	-0.01
39) Acenaphthene-d10	14.722	164	84384	20.000	ng	-0.01
64) Phenanthrene-d10	17.472	188	211200	20.000	ng	-0.01
76) Chrysene-d12	21.754	240	246355	20.000	ng	-0.01
86) Perylene-d12	25.050	264	238856	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	244107	138.457	ng	0.00
7) Phenol-d6	7.262	99	336501	123.768	ng	-0.01
23) Nitrobenzene-d5	9.265	82	239858	83.894	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	161090	119.991	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	531801	86.901	ng	-0.01
79) Terphenyl-d14	20.074	244	1157491	79.353	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.259	70	33643	16.902	ng	# 75
51) 2,6-Dinitrotoluene	14.728	165	11010	7.819	ng	# 24
57) 2,4-Dinitrotoluene	14.728	165	11010	5.492	ng	# 22
67) 4-Bromophenyl-phenylether	16.215	248	10442	3.859	ng	# 1

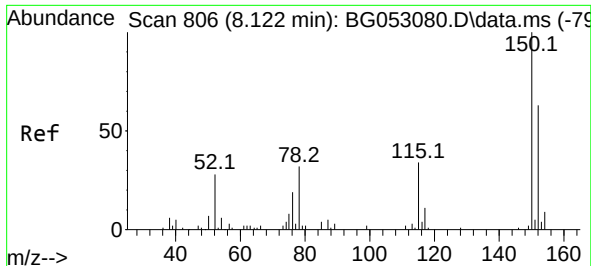
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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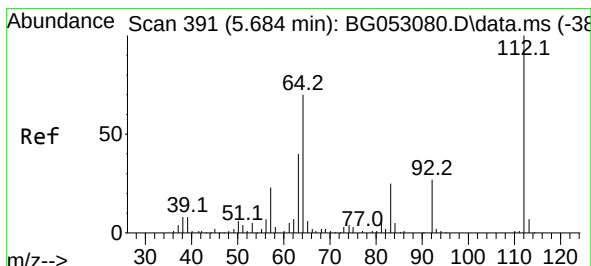
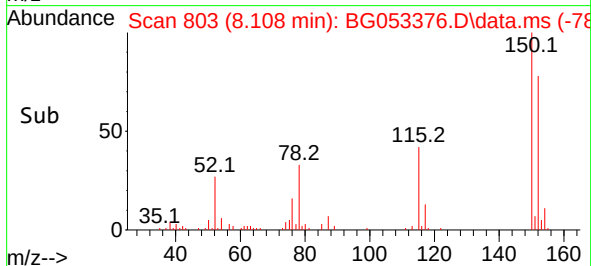
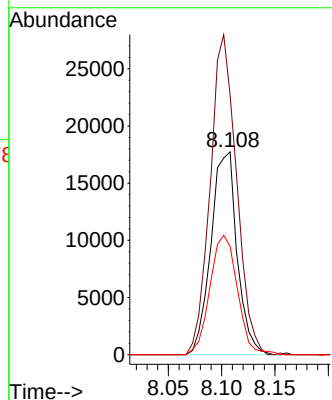
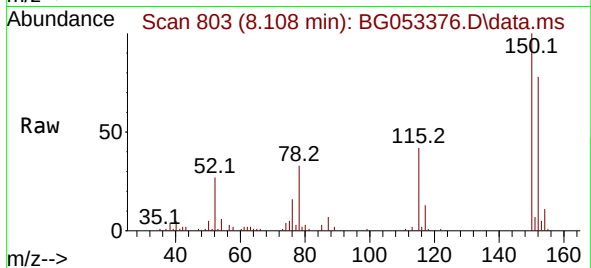




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

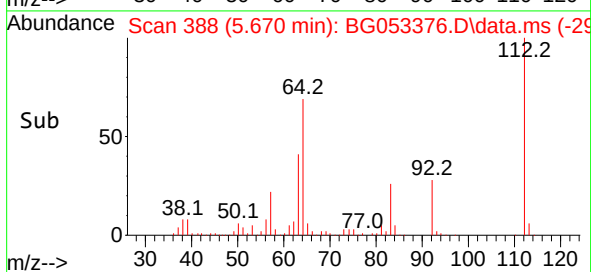
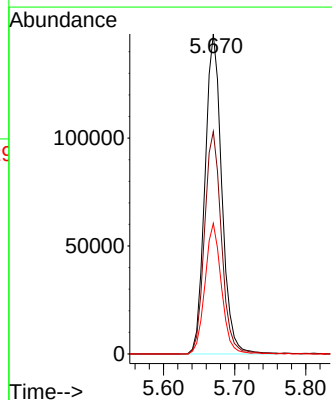
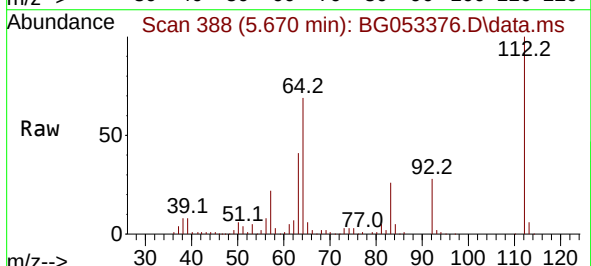
Instrument :
BNA_G
ClientSampleId :
PB144441BL

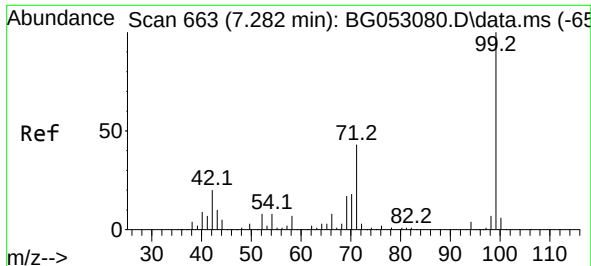
Tgt Ion:152 Resp: 30222
Ion Ratio Lower Upper
152 100
150 127.8 114.6 172.0
115 53.4 45.9 68.9



#5
2-Fluorophenol
Concen: 138.457 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

Tgt Ion:112 Resp: 244107
Ion Ratio Lower Upper
112 100
64 69.5 48.0 72.0
63 40.8 26.5 39.7#

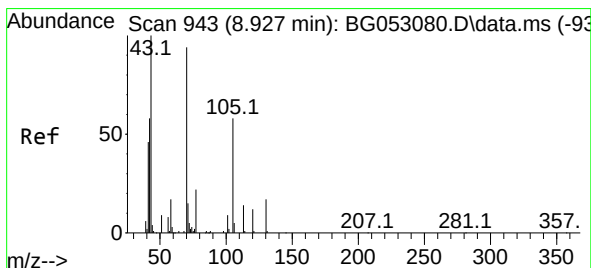
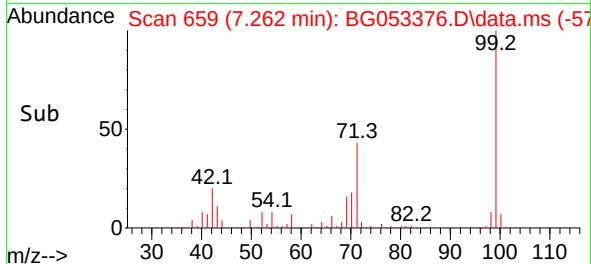
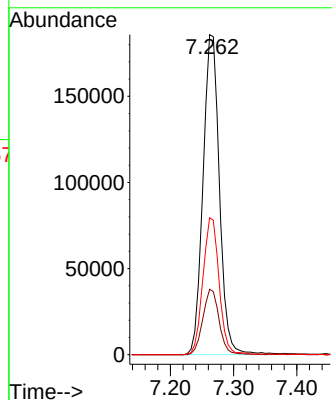
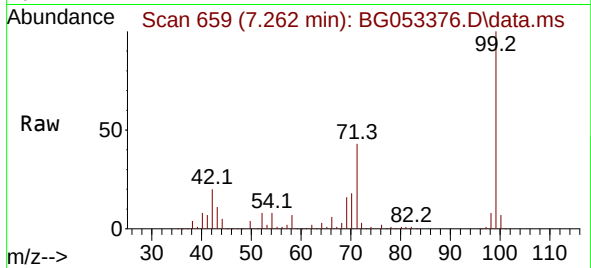




#7
Phenol-d6
Concen: 123.768 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

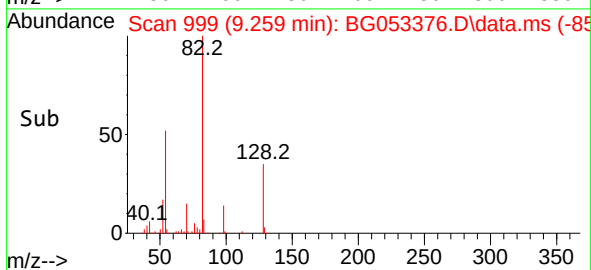
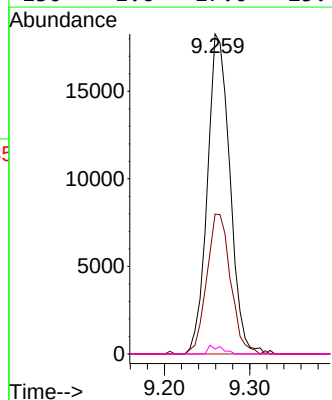
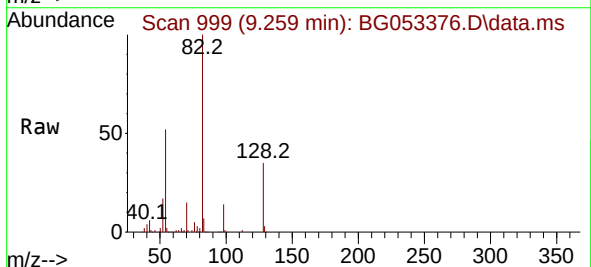
Instrument :
BNA_G
ClientSampleId :
PB144441BL

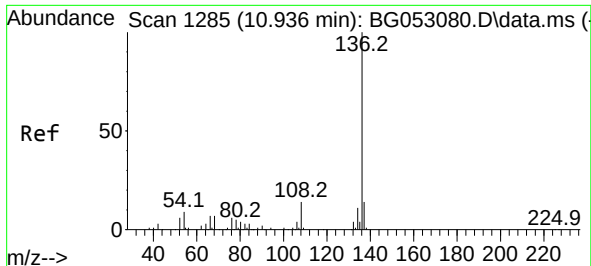
Tgt Ion: 99 Resp: 336501
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 42.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.902 ng
RT: 9.259 min Scan# 999
Delta R.T. 0.347 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

Tgt Ion: 70 Resp: 33643
Ion Ratio Lower Upper
70 100
42 43.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



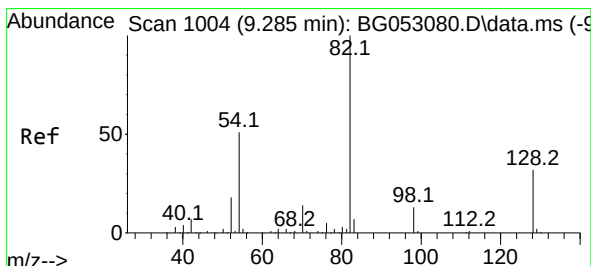
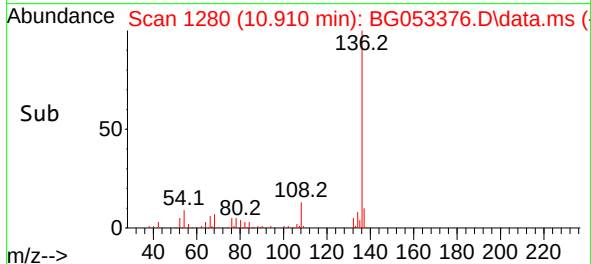
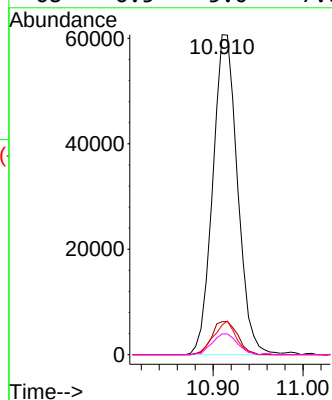
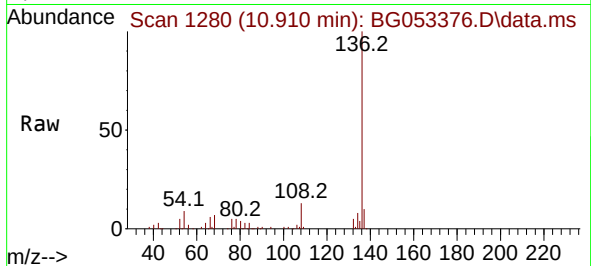


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

Instrument :
BNA_G
ClientSampleId :
PB144441BL

Tgt Ion:136 Resp: 116087

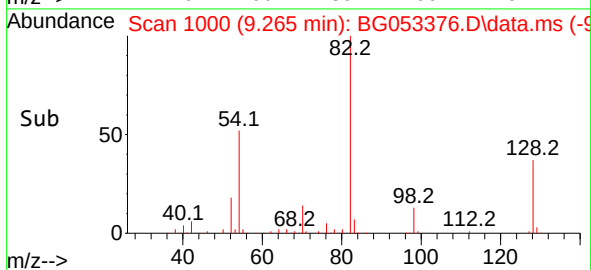
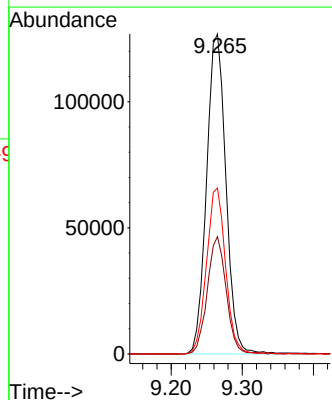
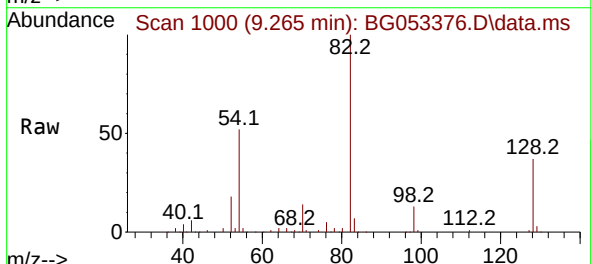
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	9.2	6.4	9.6
68	6.5	5.0	7.6

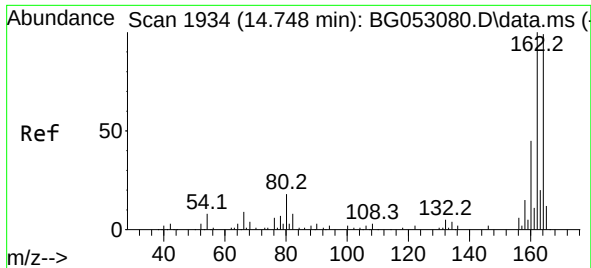


#23
Nitrobenzene-d5
Concen: 83.894 ng
RT: 9.265 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

Tgt Ion: 82 Resp: 239858

Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.3	46.9
54	51.9	37.8	56.8

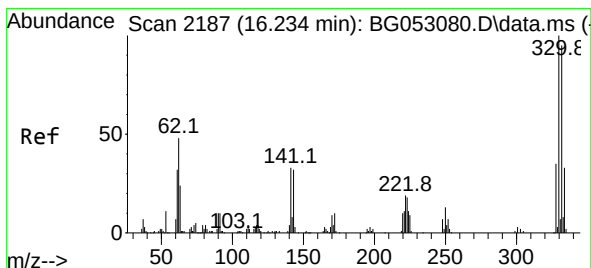
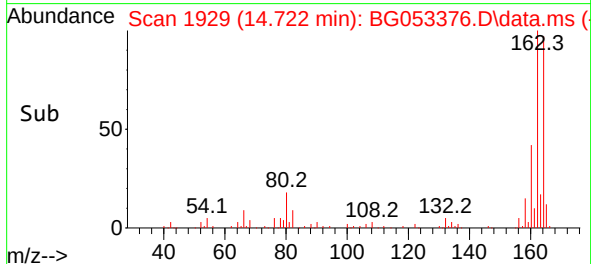
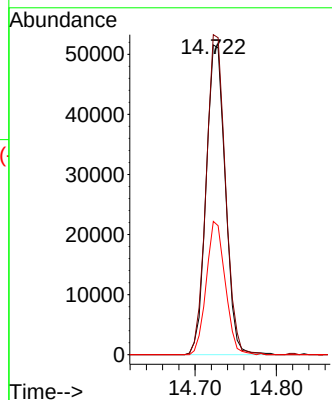
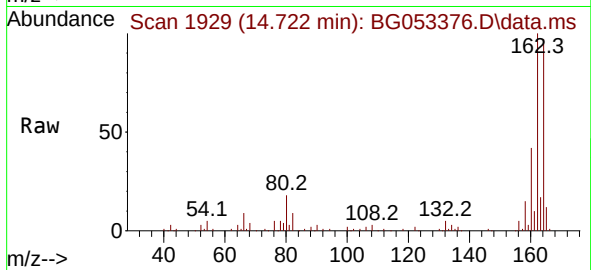




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

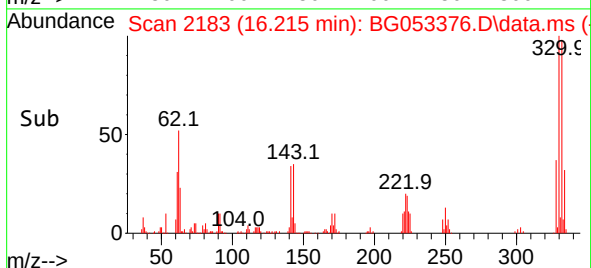
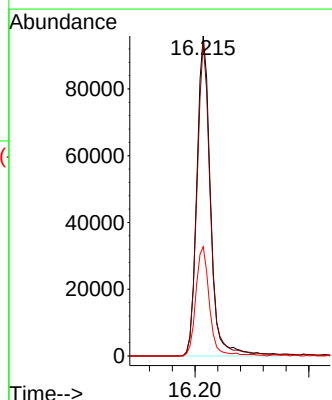
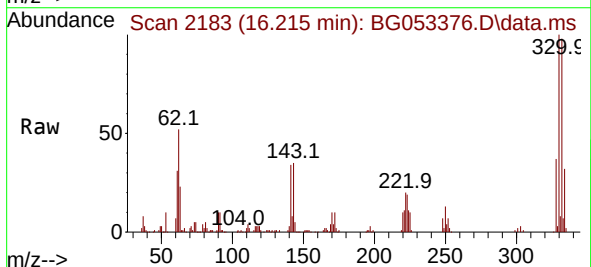
Instrument :
BNA_G
ClientSampleId :
PB144441BL

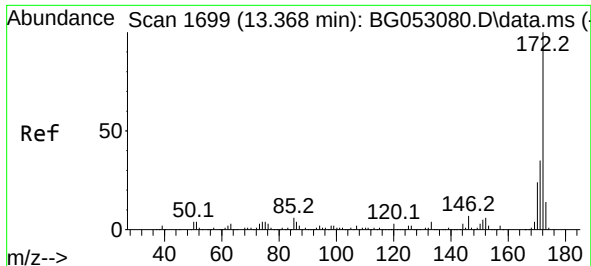
Tgt Ion:164 Resp: 84384
Ion Ratio Lower Upper
164 100
162 103.3 80.0 120.0
160 43.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 119.991 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

Tgt Ion:330 Resp: 161090
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 33.9 24.6 36.8

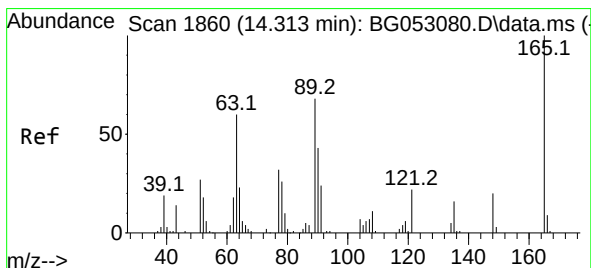
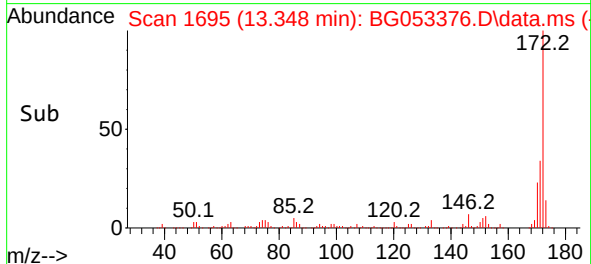
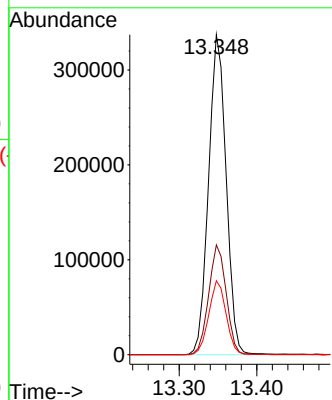
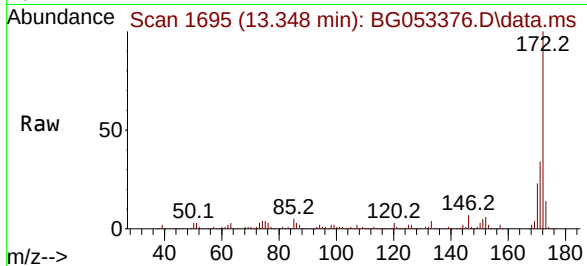




#45
2-Fluorobiphenyl
Concen: 86.901 ng
RT: 13.348 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

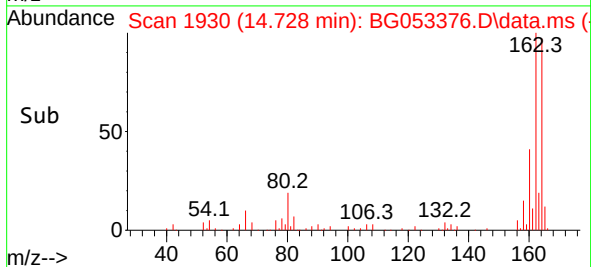
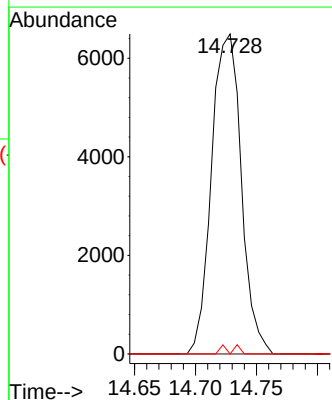
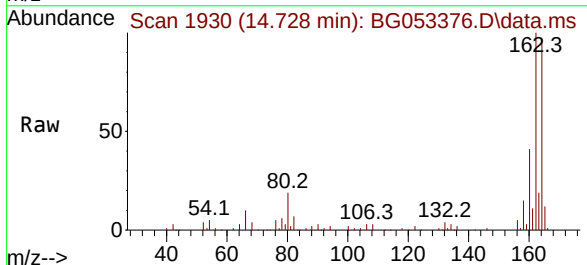
Instrument :
BNA_G
ClientSampleId :
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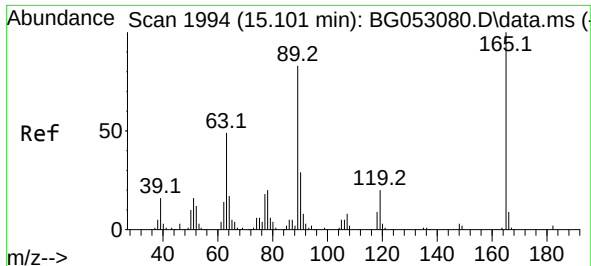
Tgt Ion:172 Resp: 531801
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.819 ng
RT: 14.728 min Scan# 1930
Delta R.T. 0.423 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

Tgt Ion:165 Resp: 11010
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: 5.492 ng

RT: 14.728 min Scan# 1994

Delta R.T. -0.364 min

Lab File: BG053376.D

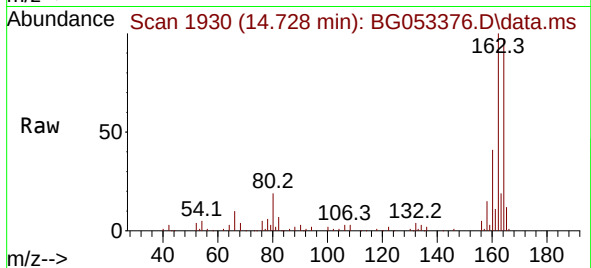
Acq: 29 Apr 2022 14:17

Instrument :

BNA_G

ClientSampleId :

PB144441BL



Tgt Ion:165 Resp: 11010

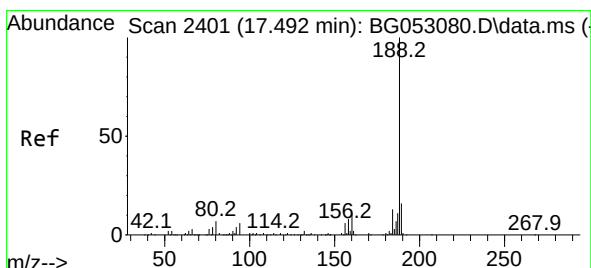
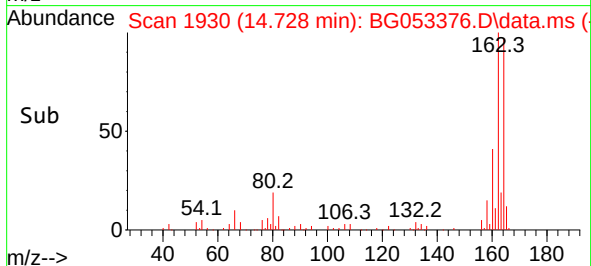
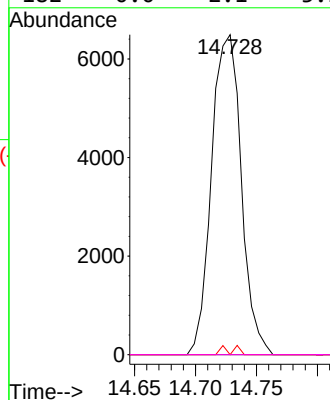
Ion Ratio Lower Upper

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: 17.472 min Scan# 2397

Delta R.T. -0.011 min

Lab File: BG053376.D

Acq: 29 Apr 2022 14:17

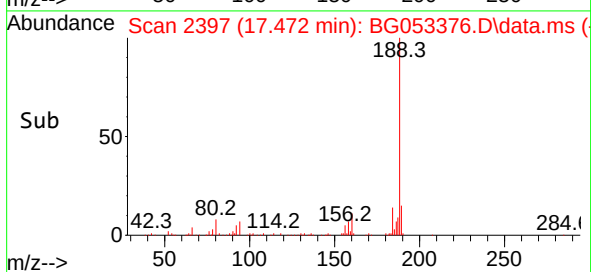
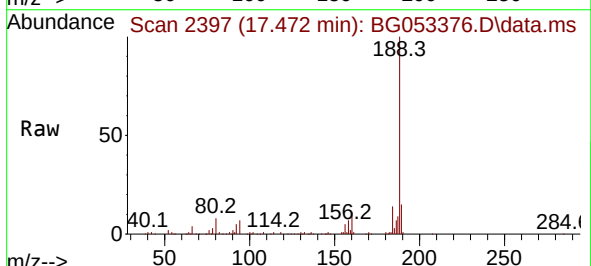
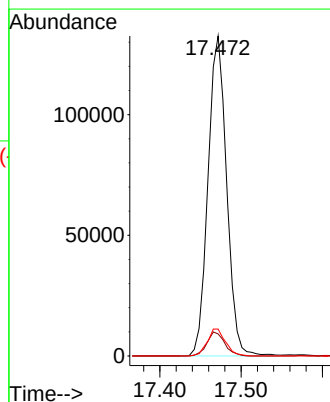
Tgt Ion:188 Resp: 211200

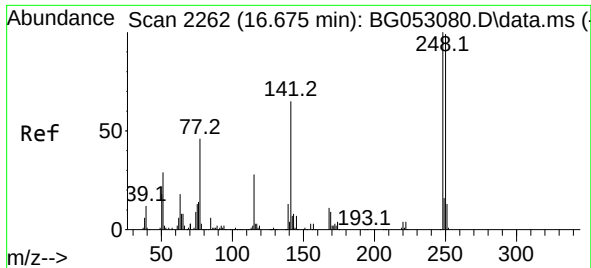
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 8.4 7.2 10.8

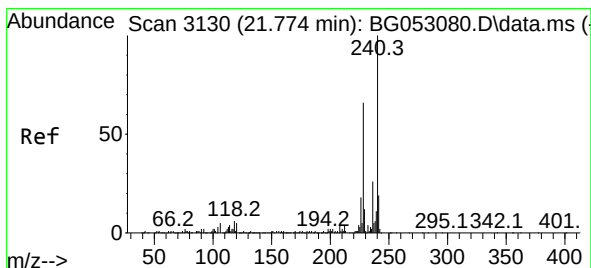
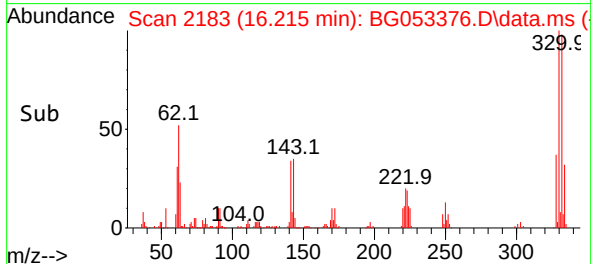
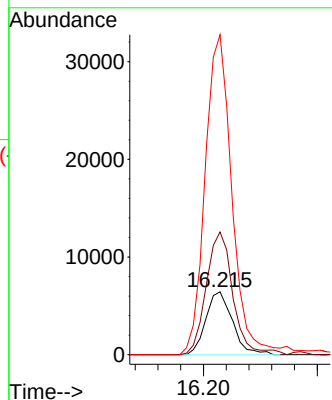
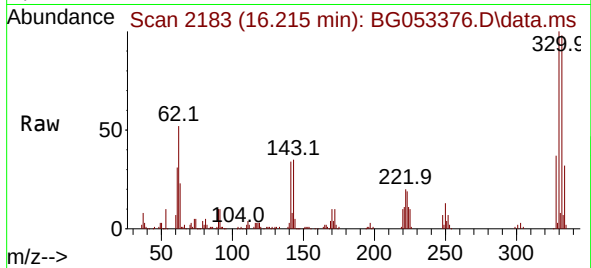




#67
4-Bromophenyl-phenylether
Concen: 3.859 ng
RT: 16.215 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

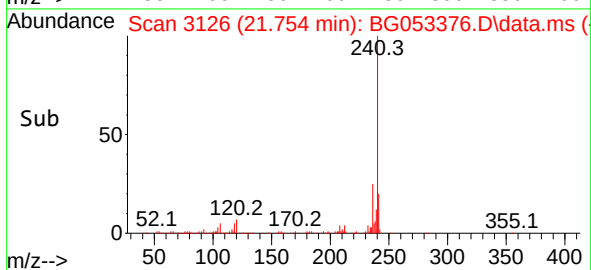
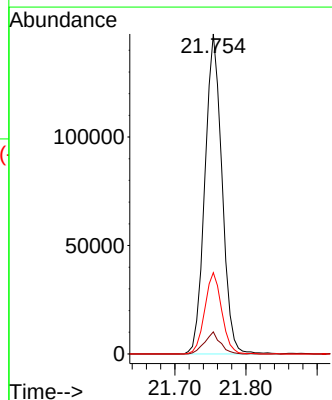
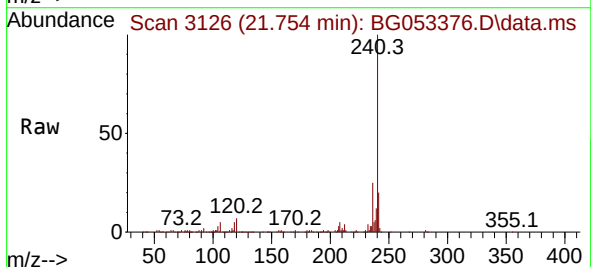
Instrument :
BNA_G
ClientSampleId :
PB144441BL

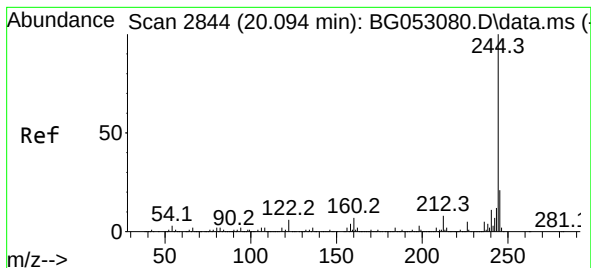
Tgt Ion:248 Resp: 10442
Ion Ratio Lower Upper
248 100
250 195.2 77.9 116.9#
141 508.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG053376.D
Acq: 29 Apr 2022 14:17

Tgt Ion:240 Resp: 246355
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 25.4 19.8 29.6





#79

Terphenyl-d14

Concen: 79.353 ng

RT: 20.074 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG053376.D

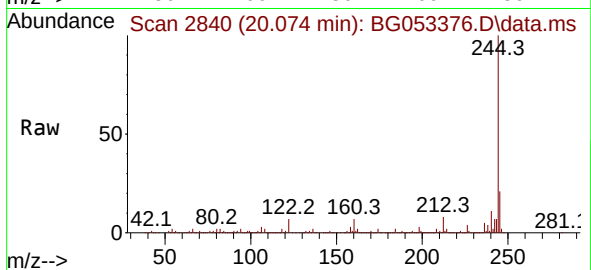
Acq: 29 Apr 2022 14:17

Instrument :

BNA_G

ClientSampleId :

PB144441BL



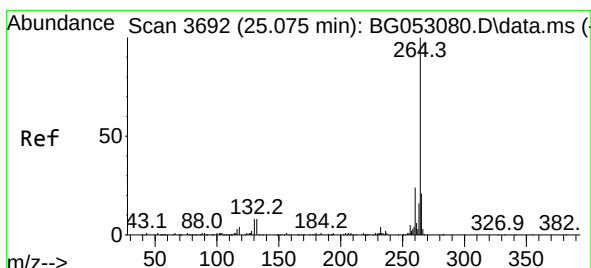
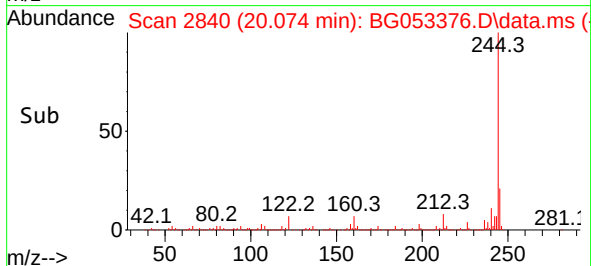
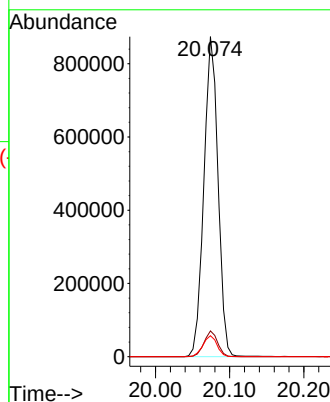
Tgt Ion:244 Resp: 1157491

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 6.5 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.050 min Scan# 3687

Delta R.T. -0.012 min

Lab File: BG053376.D

Acq: 29 Apr 2022 14:17

Tgt Ion:264 Resp: 238856

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 22.3 15.1 22.7

