

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053211.D
 Acq On : 20 Apr 2022 11:56
 Operator : CG/JU
 Sample : PB144216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144216BL

Quant Time: Apr 20 14:40:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

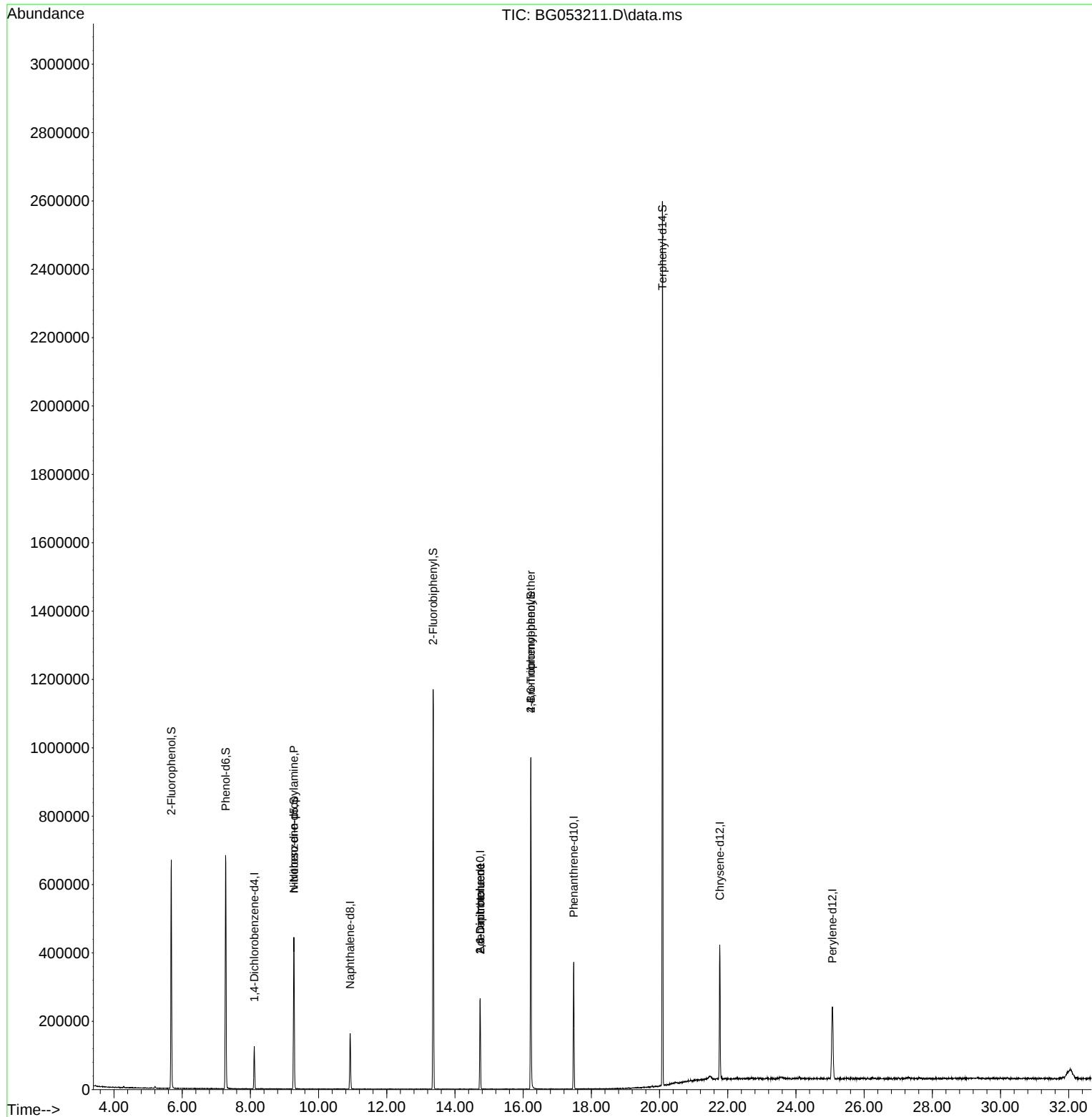
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	34089	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	134773	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	99289	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	241714	20.000	ng	0.00
76) Chrysene-d12	21.766	240	246355	20.000	ng	0.00
86) Perylene-d12	25.067	264	243179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	275586	138.580	ng	0.00
7) Phenol-d6	7.274	99	395132	128.846	ng	0.00
23) Nitrobenzene-d5	9.277	82	278659	83.952	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	200557	126.963	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	619048	85.972	ng	0.00
79) Terphenyl-d14	20.086	244	1289955	88.434	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.277	70	39901	17.772	ng	# 74
51) 2,6-Dinitrotoluene	14.740	165	12576	7.591	ng	# 25
57) 2,4-Dinitrotoluene	14.740	165	12576	5.332	ng	# 24
67) 4-Bromophenyl-phenylether	16.226	248	13198	4.261	ng	# 1

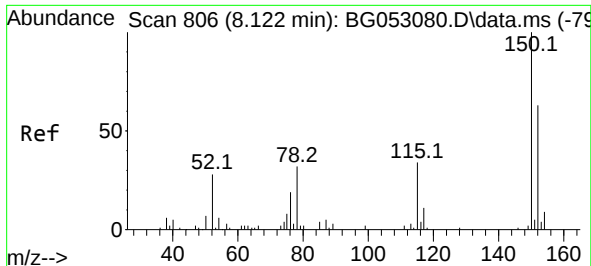
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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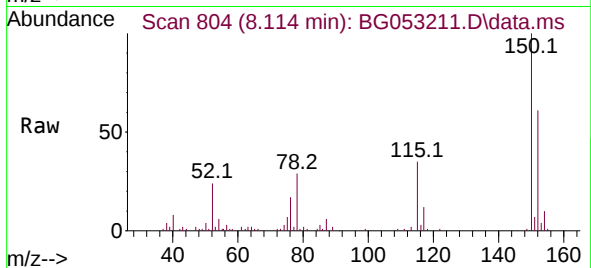
Quant Time: Apr 20 14:40:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration



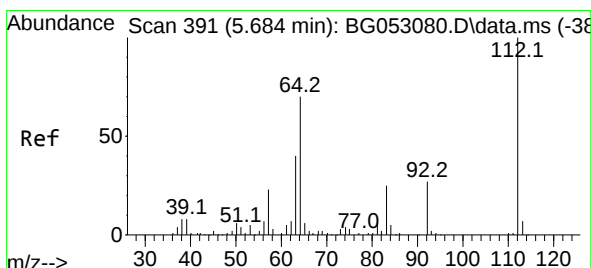
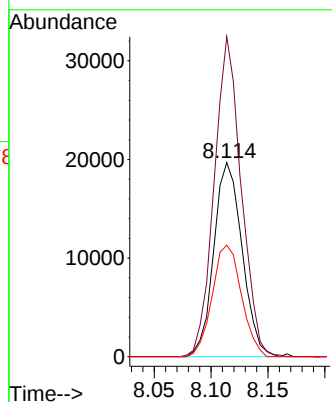
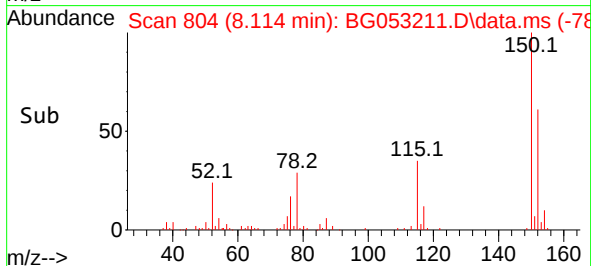


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

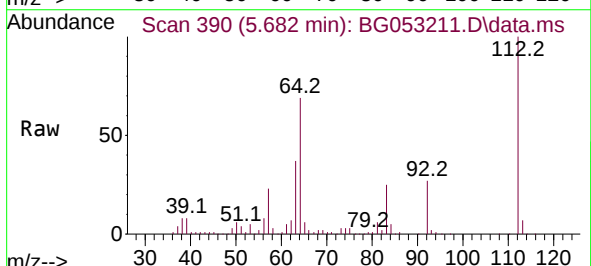
Instrument :
BNA_G
ClientSampleId :
PB144216BL



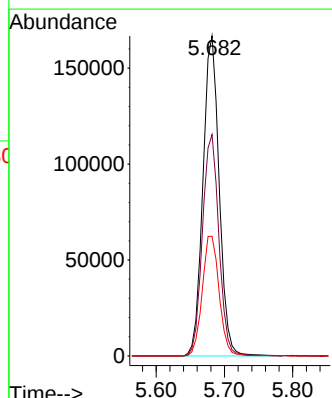
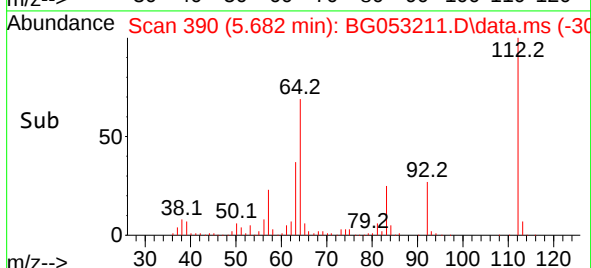
Tgt Ion:152 Resp: 34089
Ion Ratio Lower Upper
152 100
150 164.9 114.6 172.0
115 57.5 45.9 68.9



#5
2-Fluorophenol
Concen: 138.580 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56



Tgt Ion:112 Resp: 275586
Ion Ratio Lower Upper
112 100
64 69.2 48.0 72.0
63 37.4 26.5 39.7

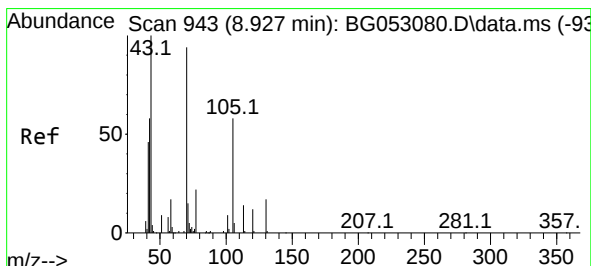
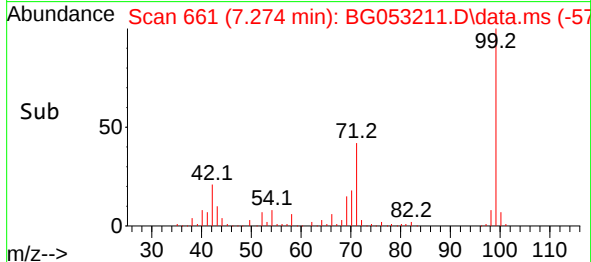
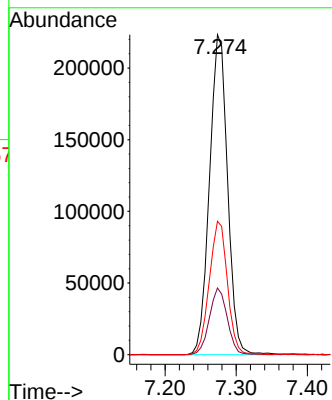
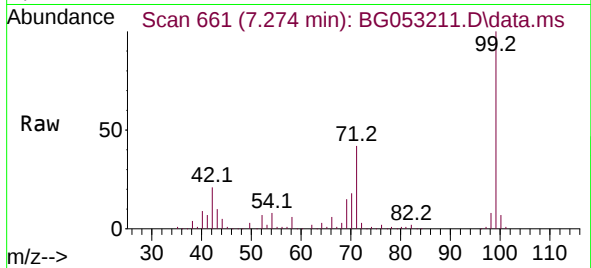




#7
Phenol-d6
Concen: 128.846 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

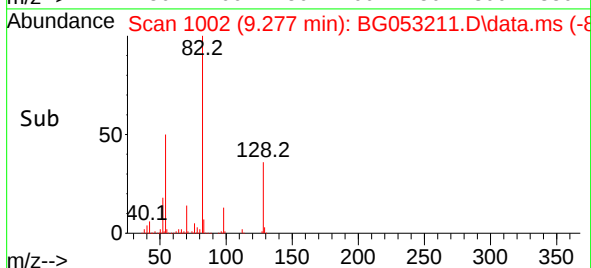
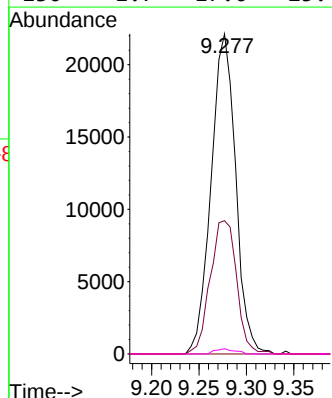
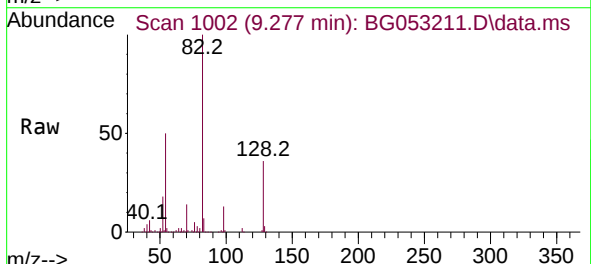
Instrument :
BNA_G
ClientSampleId :
PB144216BL

Tgt Ion: 99 Resp: 395132
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 41.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.772 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.350 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

Tgt Ion: 70 Resp: 39901
Ion Ratio Lower Upper
70 100
42 41.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#



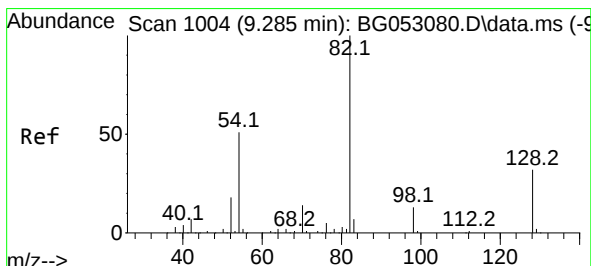
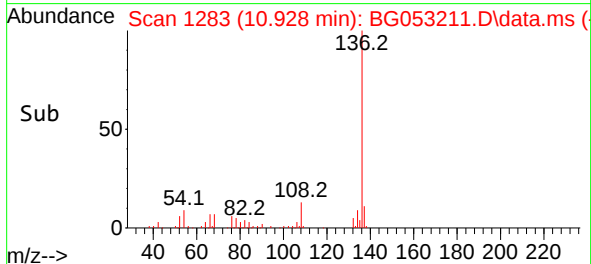
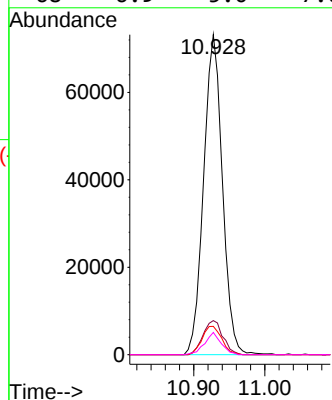
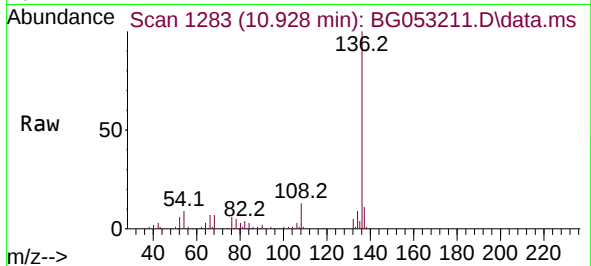


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

Instrument :
BNA_G
ClientSampleId :
PB144216BL

Tgt Ion:136 Resp: 134773

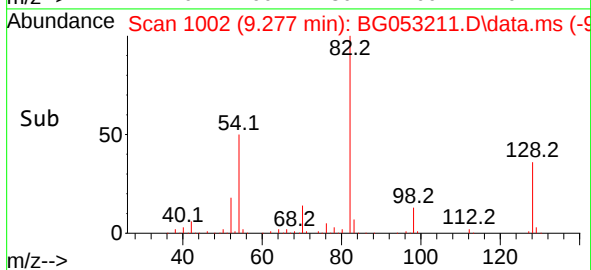
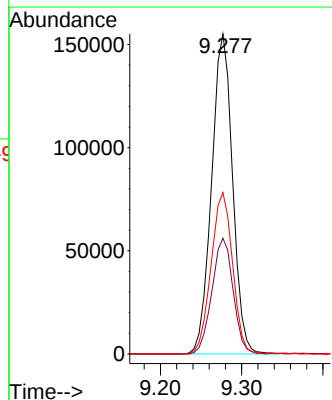
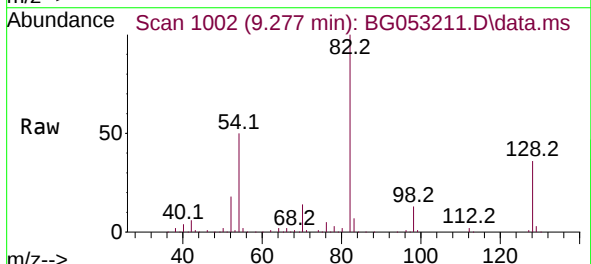
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.2
54	8.9	6.4	9.6
68	6.9	5.0	7.6

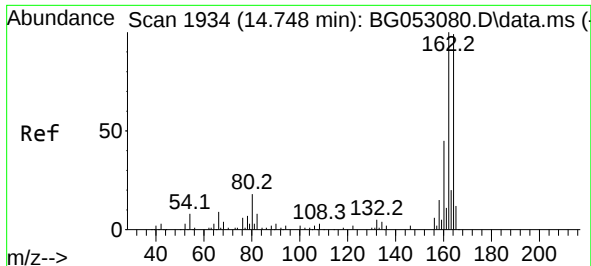


#23
Nitrobenzene-d5
Concen: 83.952 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

Tgt Ion: 82 Resp: 278659

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.3	46.9
54	50.5	37.8	56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.740 min Scan# 1934

Delta R.T. -0.008 min

Lab File: BG053211.D

Acq: 20 Apr 2022 11:56

Instrument :

BNA_G

ClientSampleId :

PB144216BL

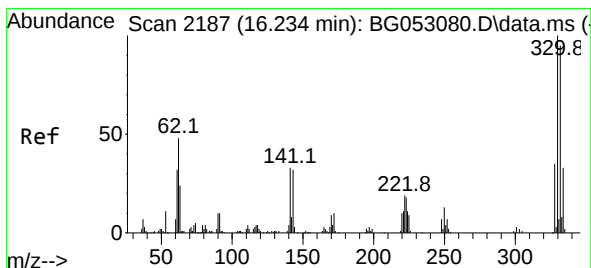
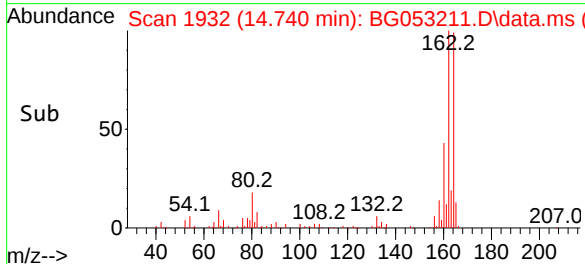
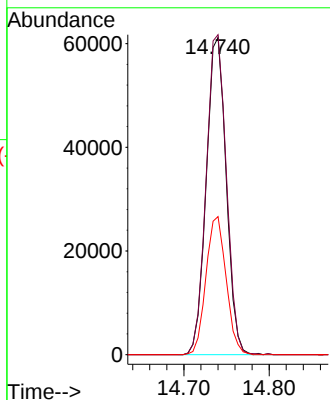
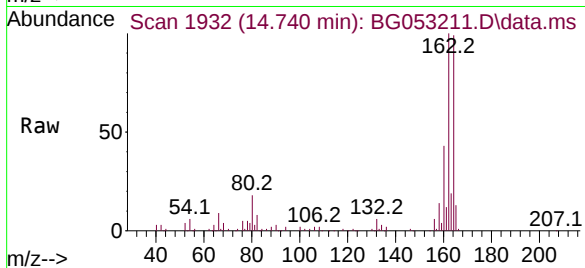
Tgt Ion:164 Resp: 99289

Ion Ratio Lower Upper

164 100

162 100.9 80.0 120.0

160 43.5 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 126.963 ng

RT: 16.226 min Scan# 2185

Delta R.T. -0.008 min

Lab File: BG053211.D

Acq: 20 Apr 2022 11:56

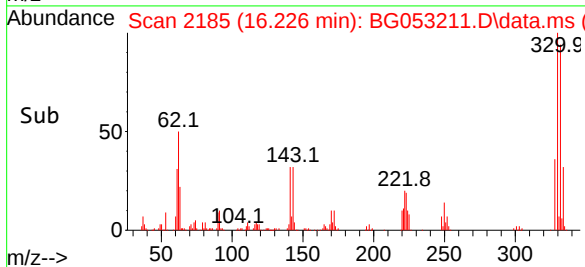
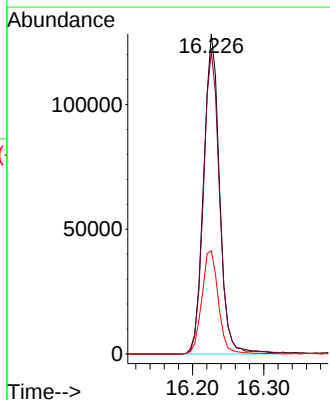
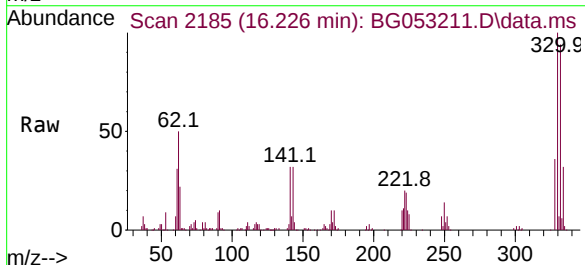
Tgt Ion:330 Resp: 200557

Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.6

141 33.4 24.6 36.8

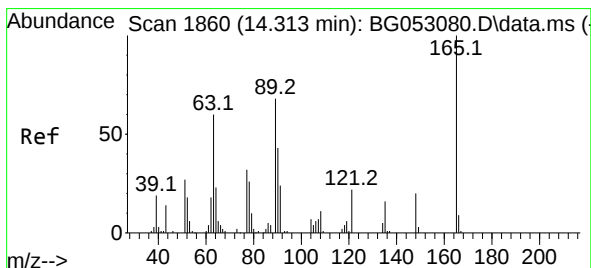
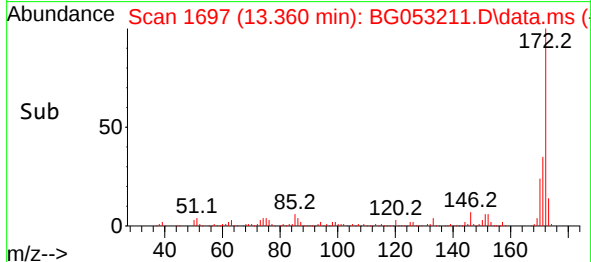
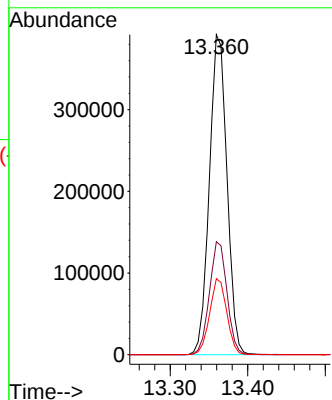
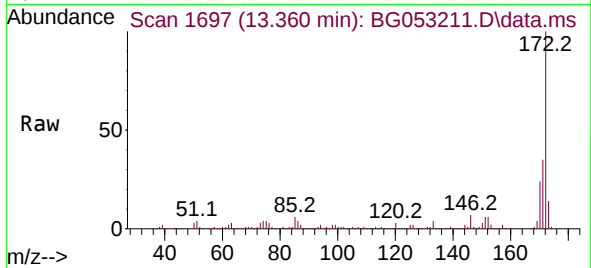




#45
2-Fluorobiphenyl
Concen: 85.972 ng
RT: 13.360 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

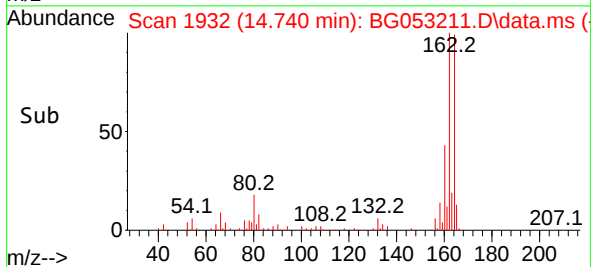
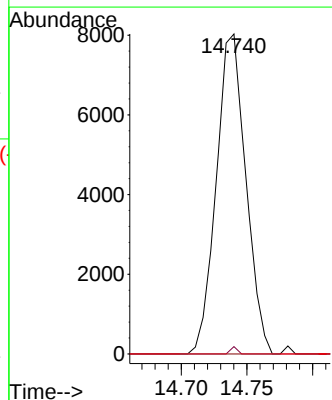
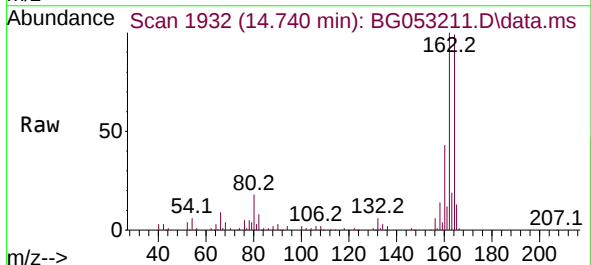
Instrument :
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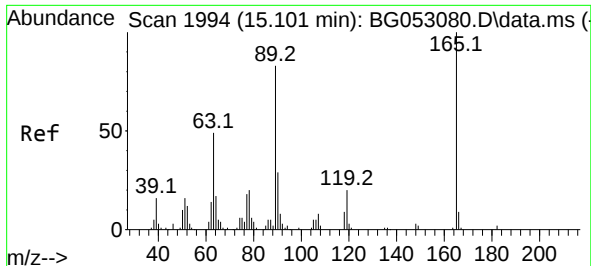
Tgt Ion:172 Resp: 619048
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.591 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.427 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

Tgt Ion:165 Resp: 12576
Ion Ratio Lower Upper
165 100
63 2.3 43.7 65.5#
89 0.0 45.0 67.4#

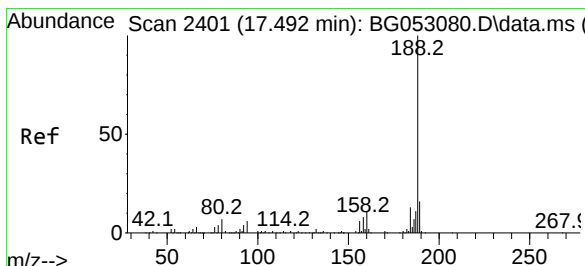
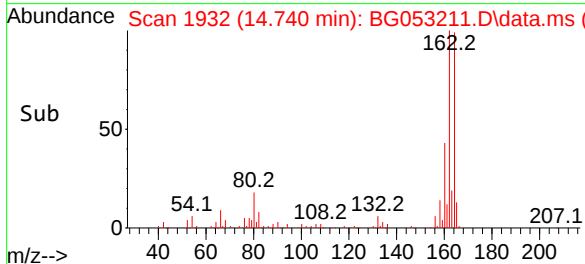
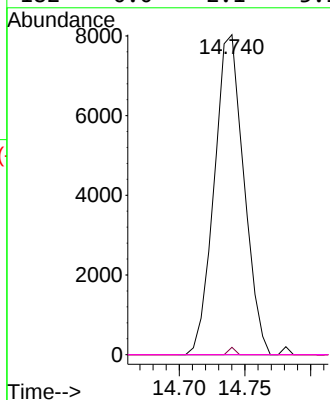
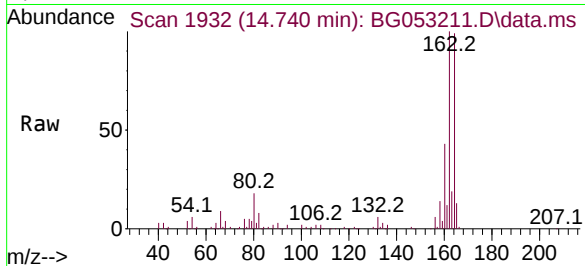




#57
2,4-Dinitrotoluene
Concen: 5.332 ng
RT: 14.740 min Scan# 1994
Delta R.T. -0.361 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

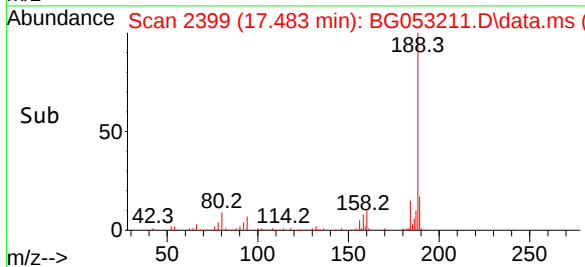
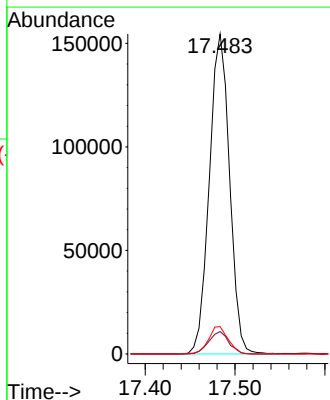
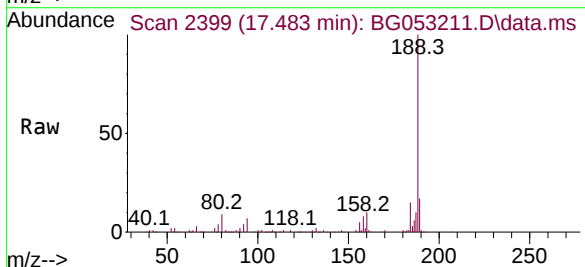
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BNA_G
ClientSampleId :
PB144216BL

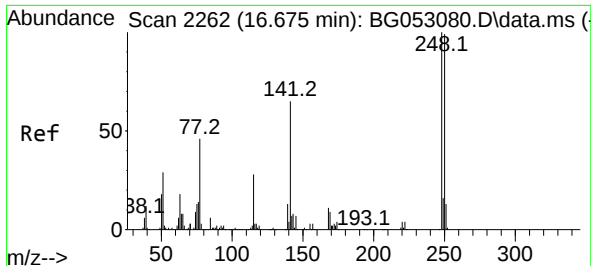
Tgt Ion:165 Resp: 12576
Ion Ratio Lower Upper
165 100
63 2.3 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 2399
Delta R.T. -0.008 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

Tgt Ion:188 Resp: 241714
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.6 7.2 10.8

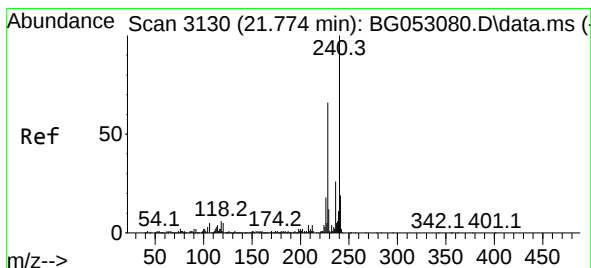
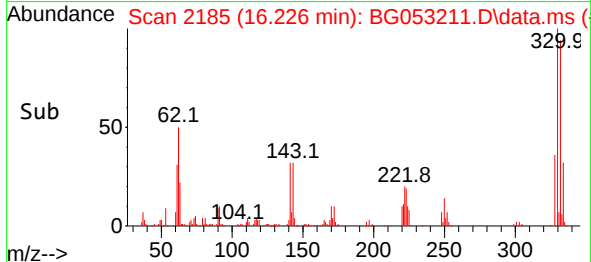
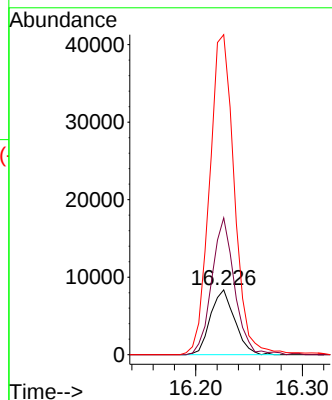
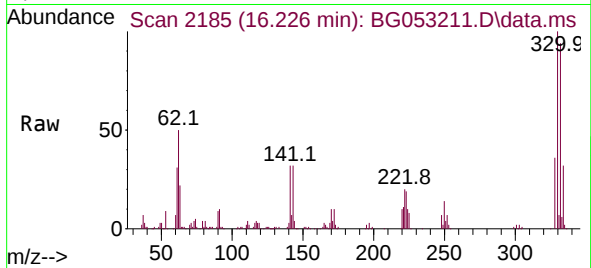




#67
4-Bromophenyl-phenylether
Concen: 4.261 ng
RT: 16.226 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

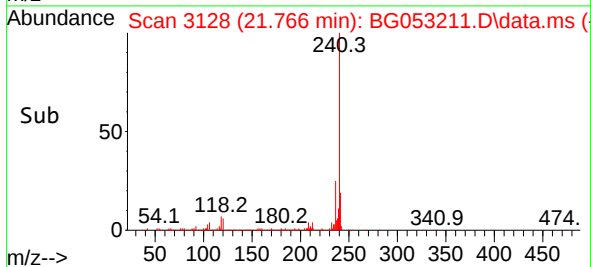
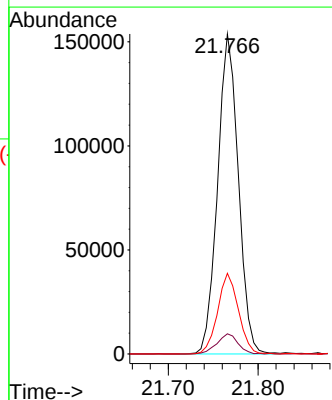
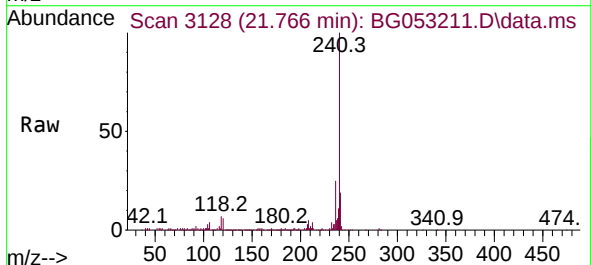
Instrument :
BNA_G
ClientSampleId :
PB144216BL

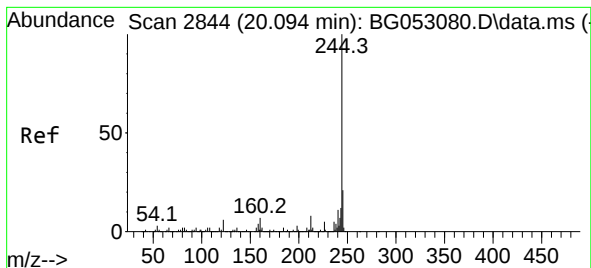
Tgt Ion:248 Resp: 13198
Ion Ratio Lower Upper
248 100
250 211.2 77.9 116.9#
141 494.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053211.D
Acq: 20 Apr 2022 11:56

Tgt Ion:240 Resp: 246355
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.2 19.8 29.6





#79

Terphenyl-d14

Concen: 88.434 ng

RT: 20.086 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053211.D

Acq: 20 Apr 2022 11:56

Instrument :

BNA_G

ClientSampleId :

PB144216BL

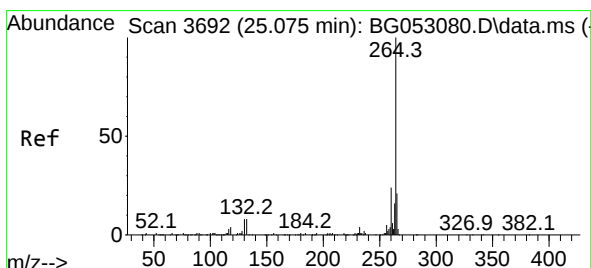
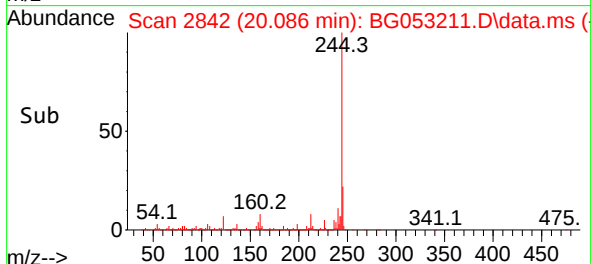
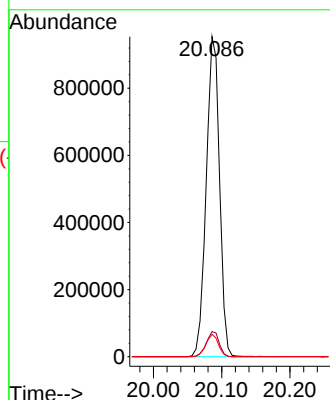
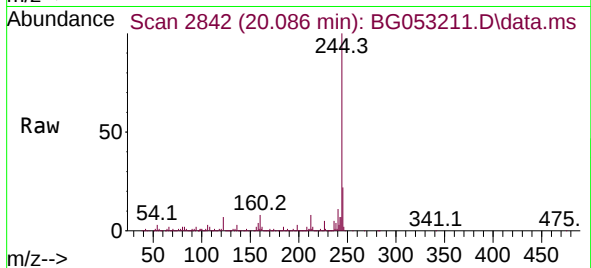
Tgt Ion:244 Resp: 1289955

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 7.0 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.067 min Scan# 3690

Delta R.T. -0.008 min

Lab File: BG053211.D

Acq: 20 Apr 2022 11:56

Tgt Ion:264 Resp: 243179

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.2

265 21.5 15.1 22.7

