

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053085.D
 Acq On : 8 Apr 2022 15:44
 Operator : CG/JU
 Sample : PB143914BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143914BL

Quant Time: Apr 08 17:48:58 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)

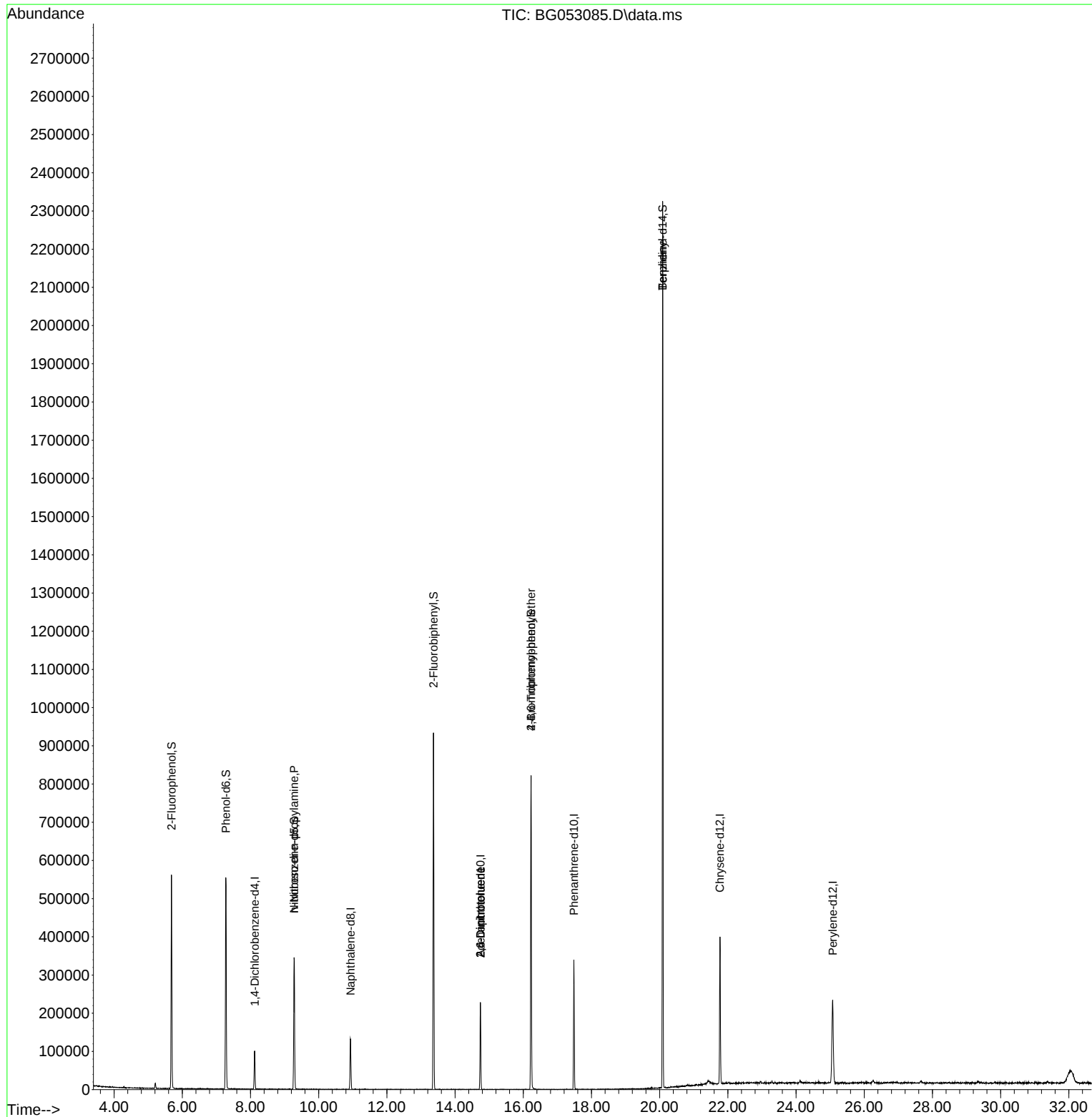
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	27479	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	109878	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	81714	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	208944	20.000	ng	0.00
76) Chrysene-d12	21.769	240	247559	20.000	ng	0.00
86) Perylene-d12	25.076	264	243957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	218695	136.425	ng	0.00
7) Phenol-d6	7.277	99	311955	126.193	ng	0.00
23) Nitrobenzene-d5	9.280	82	225155	83.202	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	166796	128.301	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	497462	83.946	ng	0.00
79) Terphenyl-d14	20.089	244	1186928	80.975	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	32084	17.728	ng	# 77
51) 2,6-Dinitrotoluene	14.743	165	10716	7.859	ng	# 24
57) 2,4-Dinitrotoluene	14.743	165	10716	5.520	ng	# 22
67) 4-Bromophenyl-phenylether	16.230	248	10979	4.101	ng	# 1
77) Benzidine	20.089	184	20375	2.885	ng	# 93

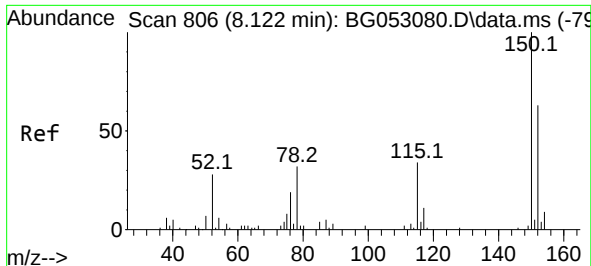
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
Data File : BG053085.D
Acq On : 8 Apr 2022 15:44
Operator : CG/JU
Sample : PB143914BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143914BL

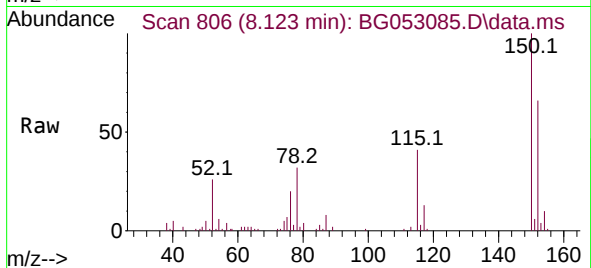
Quant Time: Apr 08 17:48:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration



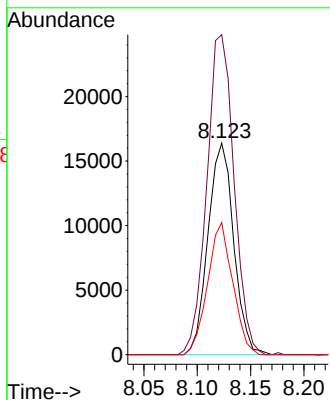
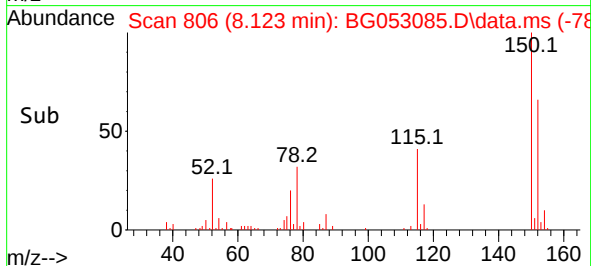


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

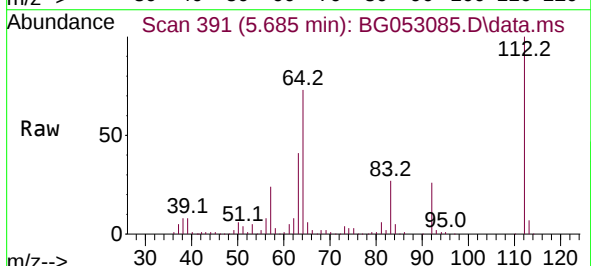
Instrument :
BNA_G
ClientSampleId :
PB143914BL



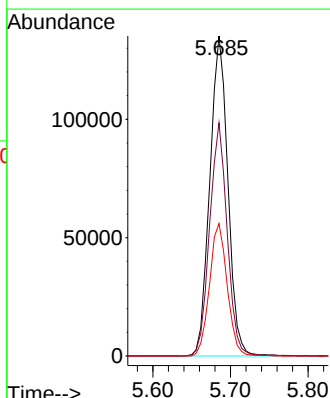
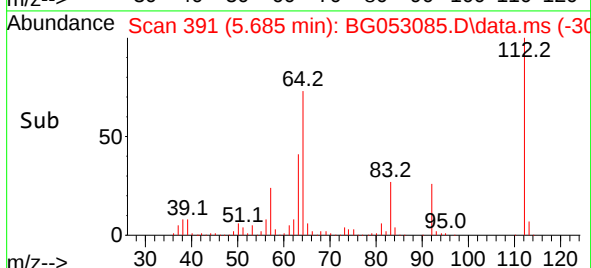
Tgt Ion:152 Resp: 27479
Ion Ratio Lower Upper
152 100
150 151.2 114.6 172.0
115 62.4 45.9 68.9



#5
2-Fluorophenol
Concen: 136.425 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44



Tgt Ion:112 Resp: 218695
Ion Ratio Lower Upper
112 100
64 72.9 48.0 72.0#
63 41.4 26.5 39.7#

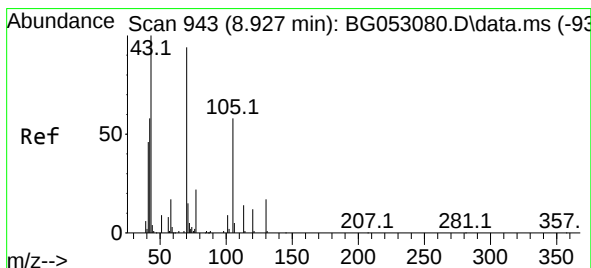
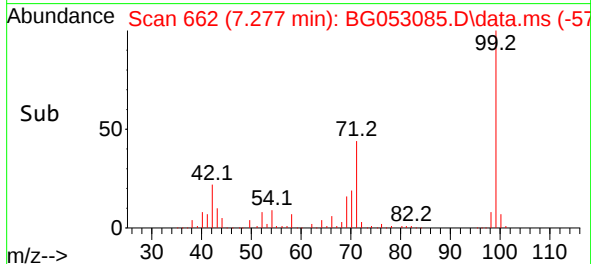
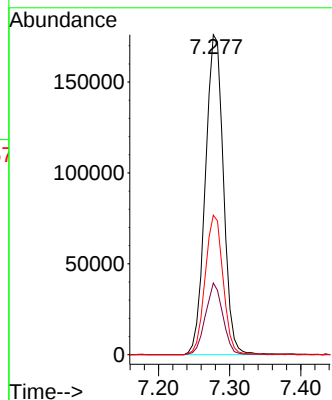
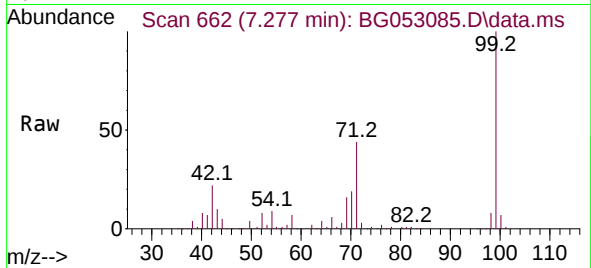




#7
Phenol-d6
Concen: 126.193 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

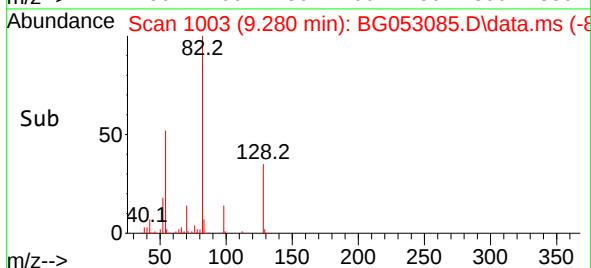
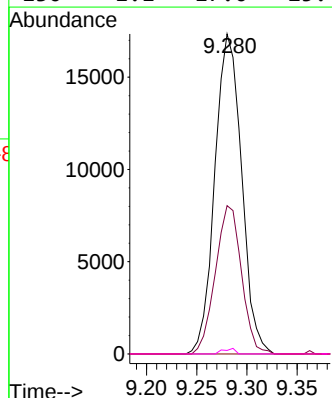
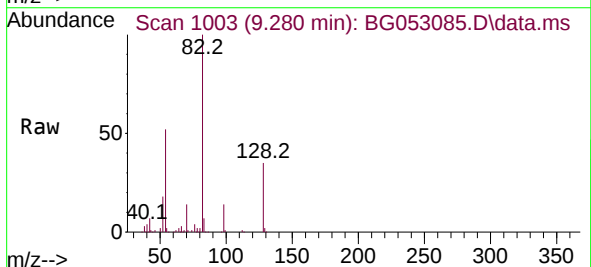
Instrument :
BNA_G
ClientSampleId :
PB143914BL

Tgt Ion: 99 Resp: 311955
Ion Ratio Lower Upper
99 100
42 22.4 14.7 22.1#
71 43.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.728 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.354 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

Tgt Ion: 70 Resp: 32084
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 1.1 17.0 25.4#

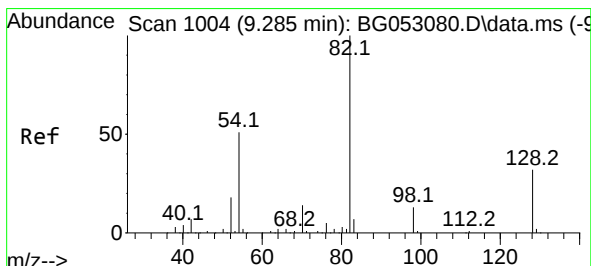
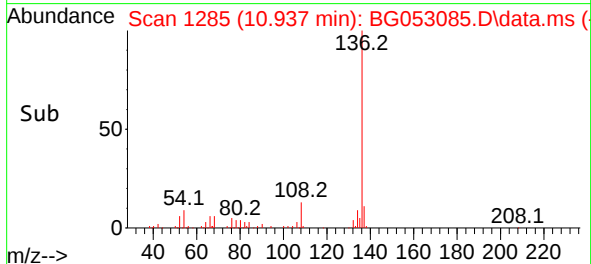
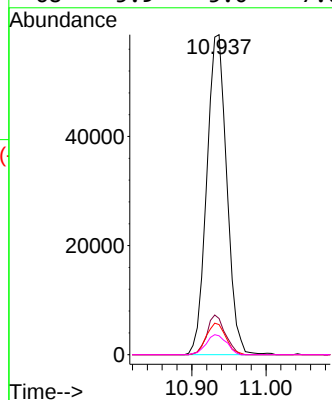
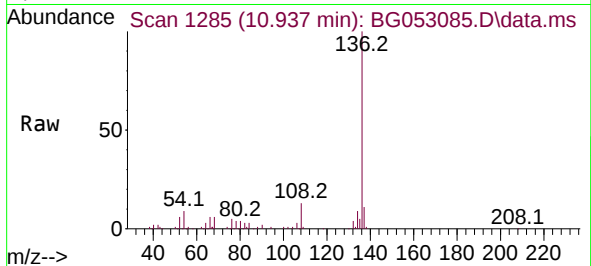




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

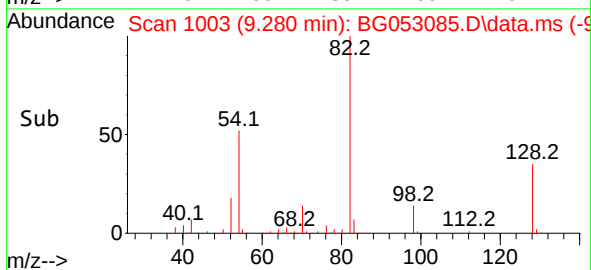
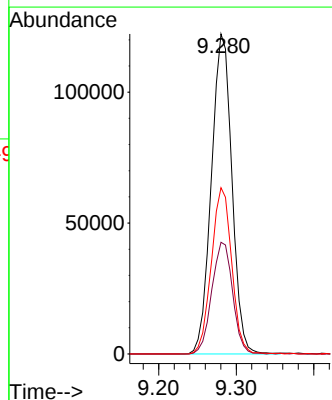
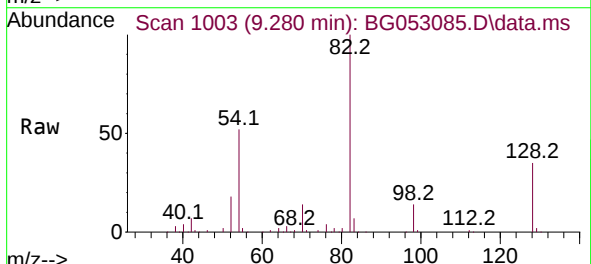
Instrument :
BNA_G
ClientSampleId :
PB143914BL

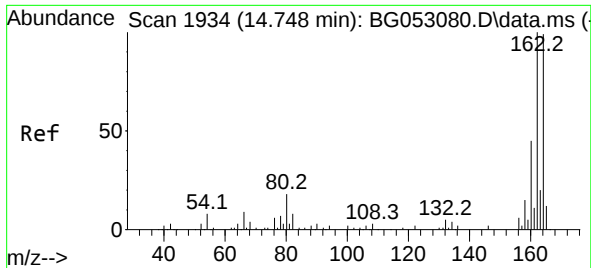
Tgt Ion:136 Resp: 109878
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 9.4 6.4 9.6
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 83.202 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

Tgt Ion: 82 Resp: 225155
Ion Ratio Lower Upper
82 100
128 34.9 31.3 46.9
54 51.9 37.8 56.8

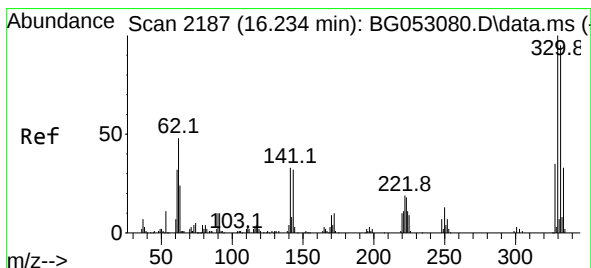
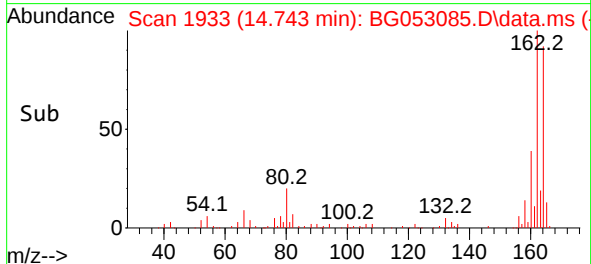
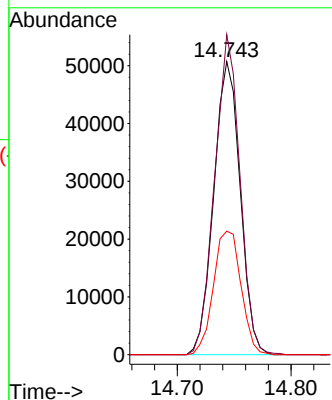
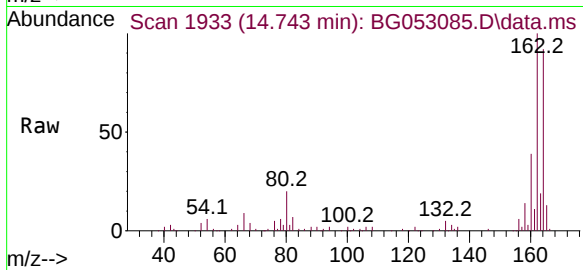




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

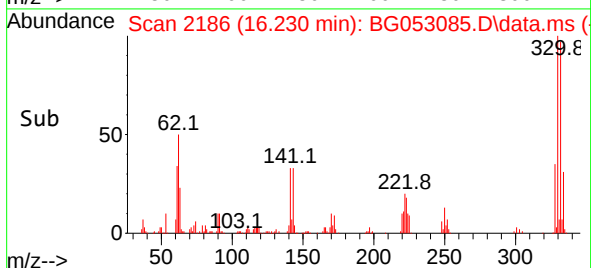
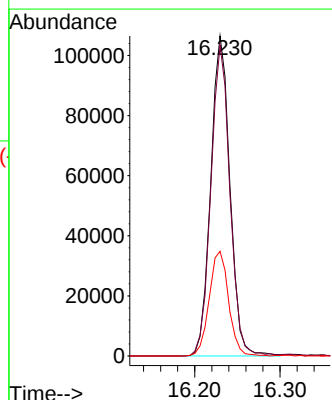
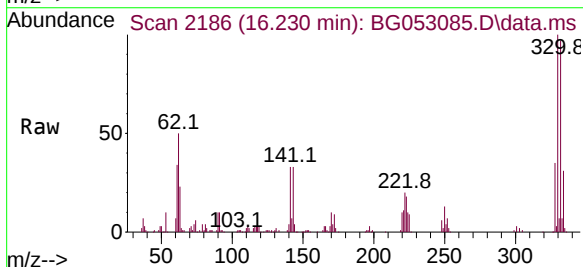
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ClientSampleId :
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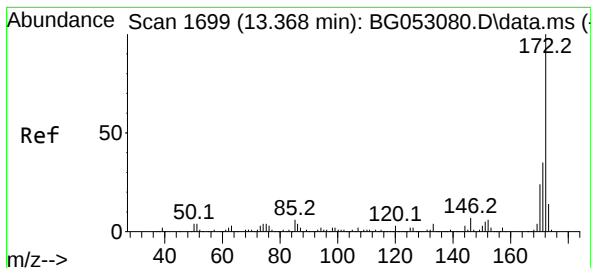
Tgt Ion:164 Resp: 81714
Ion Ratio Lower Upper
164 100
162 109.2 80.0 120.0
160 42.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 128.301 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

Tgt Ion:330 Resp: 166796
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 33.1 24.6 36.8

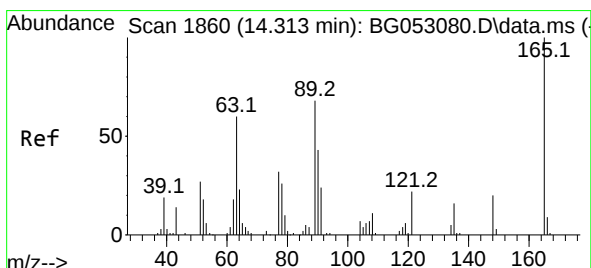
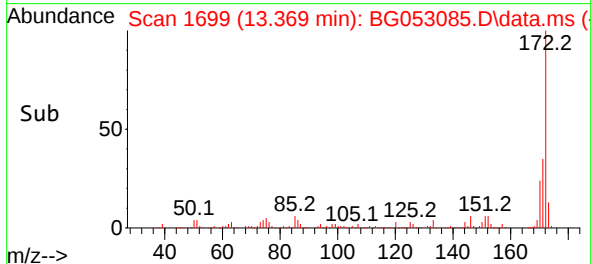
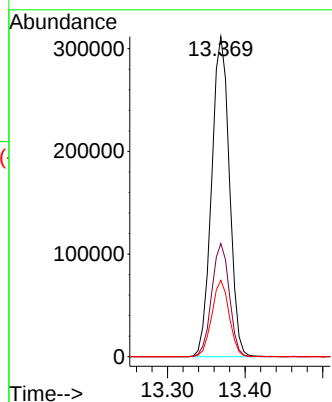
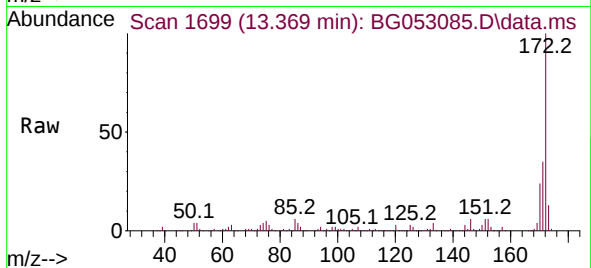




#45
2-Fluorobiphenyl
Concen: 83.946 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

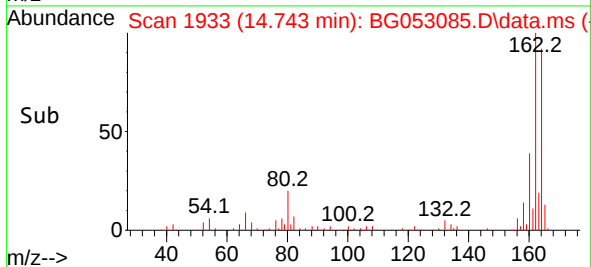
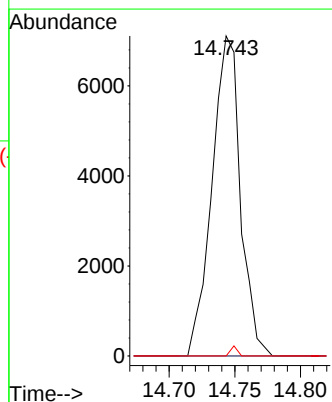
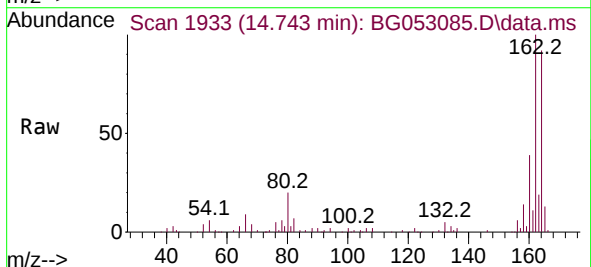
Instrument :
BNA_G
ClientSampleId :
PB143914BL

Tgt Ion:172 Resp: 497462
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.430 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

Tgt Ion:165 Resp: 10716
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: 5.520 ng

RT: 14.743 min Scan# 1994

Delta R.T. -0.357 min

Lab File: BG053085.D

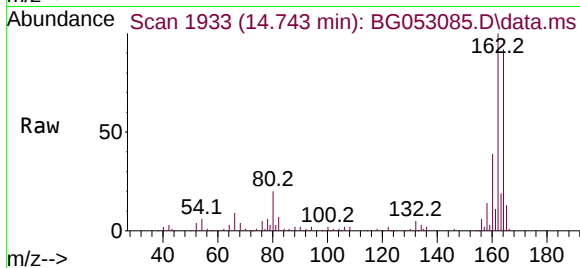
Acq: 8 Apr 2022 15:44

Instrument :

BNA_G

ClientSampleId :

PB143914BL



Tgt Ion:165 Resp: 10716

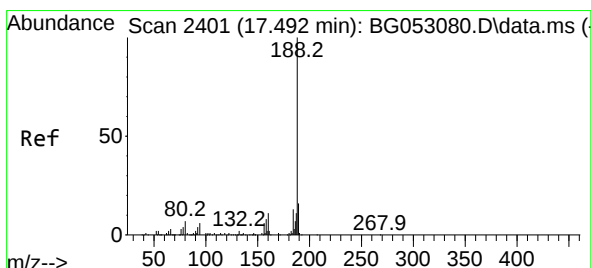
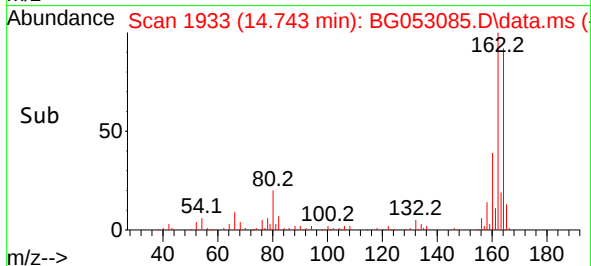
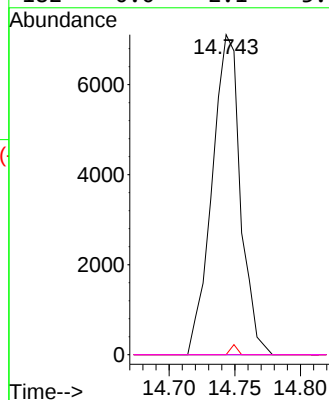
Ion Ratio Lower Upper

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: 17.487 min Scan# 2400

Delta R.T. -0.005 min

Lab File: BG053085.D

Acq: 8 Apr 2022 15:44

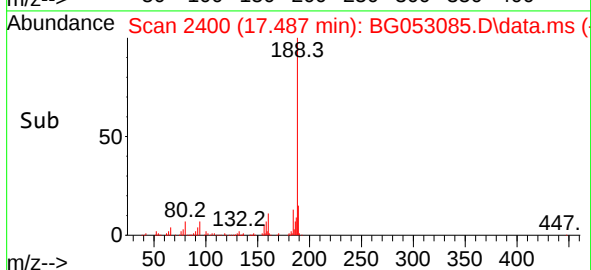
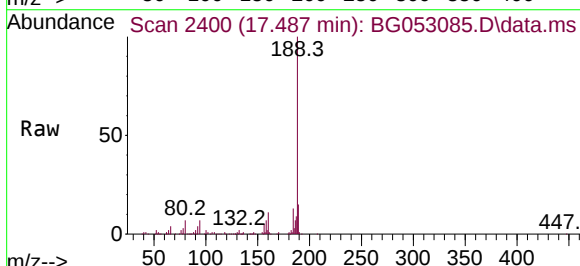
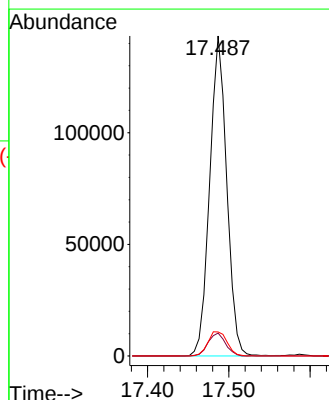
Tgt Ion:188 Resp: 208944

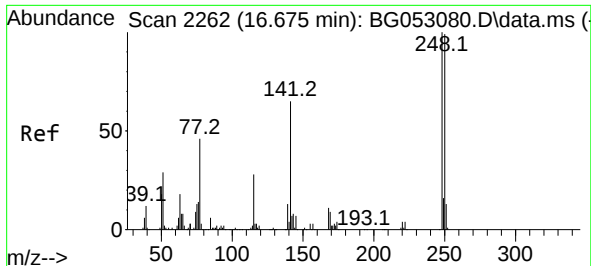
Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 7.5 7.2 10.8

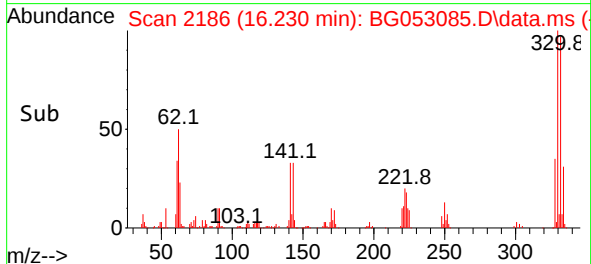
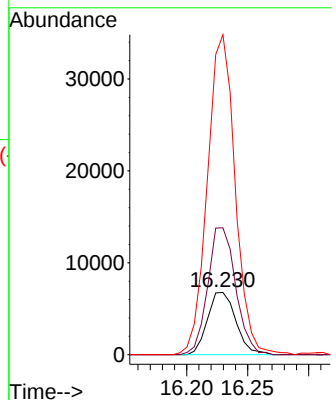
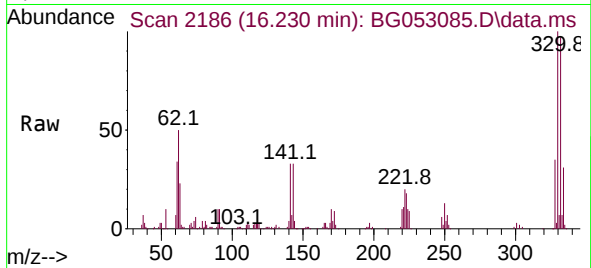




#67
4-Bromophenyl-phenylether
Concen: 4.101 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.445 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

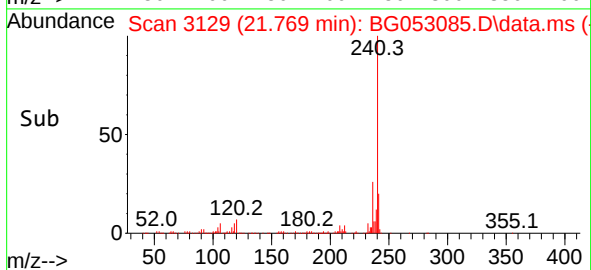
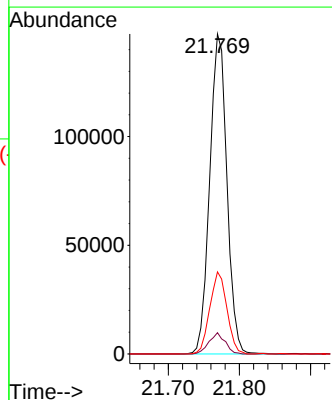
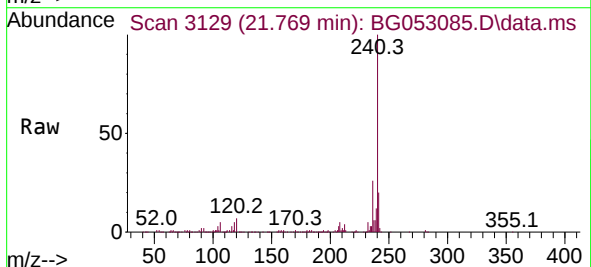
Instrument :
BNA_G
ClientSampleId :
PB143914BL

Tgt Ion:248 Resp: 10979
Ion Ratio Lower Upper
248 100
250 203.7 77.9 116.9#
141 513.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

Tgt Ion:240 Resp: 247559
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.7 19.8 29.6

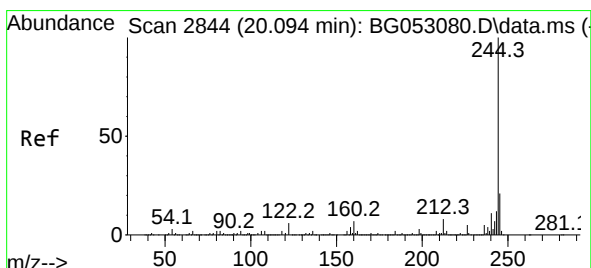
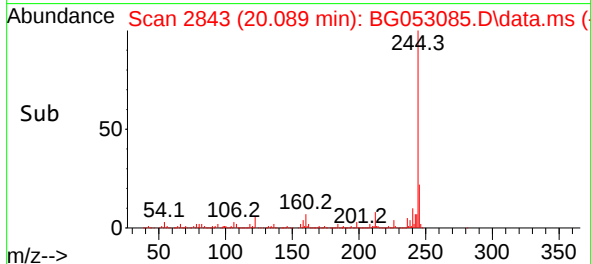
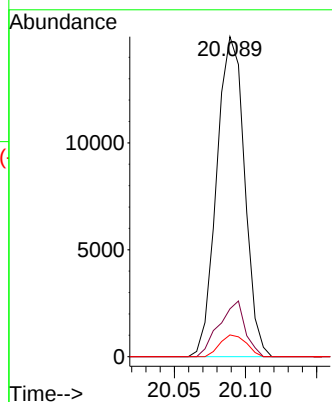
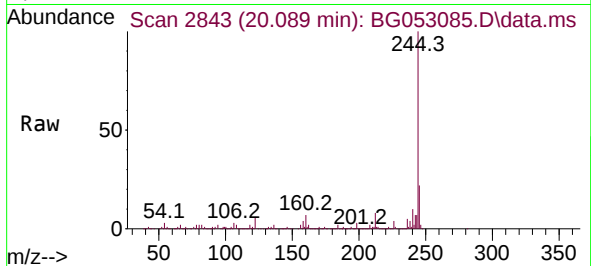




#77
Benzidine
Concen: 2.885 ng
RT: 20.089 min Scan# 2843
Delta R.T. 0.377 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

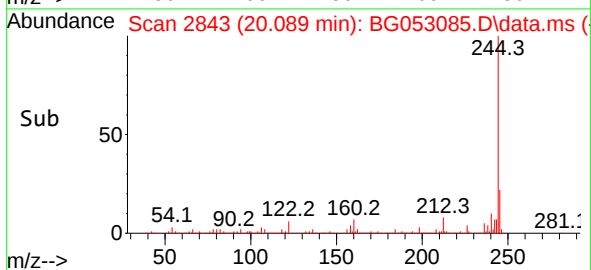
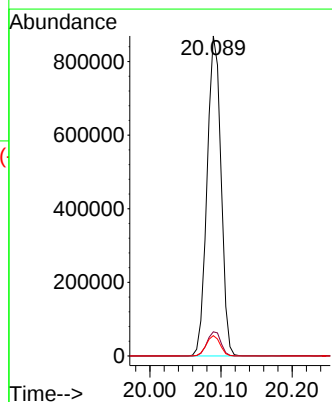
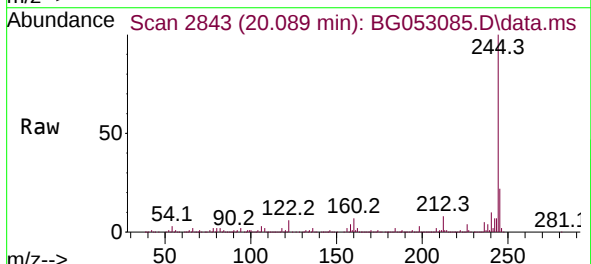
Instrument :
BNA_G
ClientSampleId :
PB143914BL

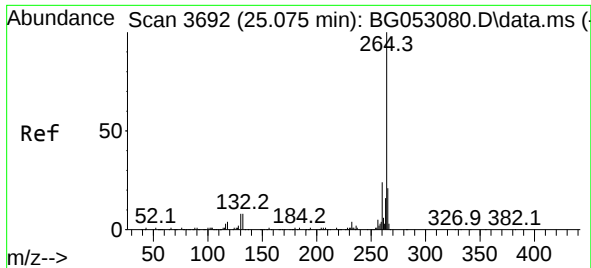
Tgt Ion:184 Resp: 20375
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.975 ng
RT: 20.089 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053085.D
Acq: 8 Apr 2022 15:44

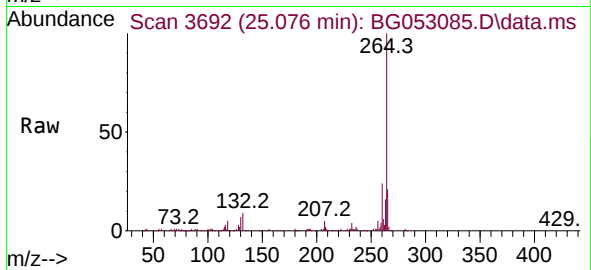
Tgt Ion:244 Resp: 1186928
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.076 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG053085.D
 Acq: 8 Apr 2022 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB143914BL



Tgt Ion:264 Resp: 243957

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	20.6	15.1	22.7

