

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053169.D
 Acq On : 15 Apr 2022 18:01
 Operator : CG/JU
 Sample : N2394-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-1-(DUMPSTER-RIGHT)

Quant Time: Apr 18 03:16:23 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)

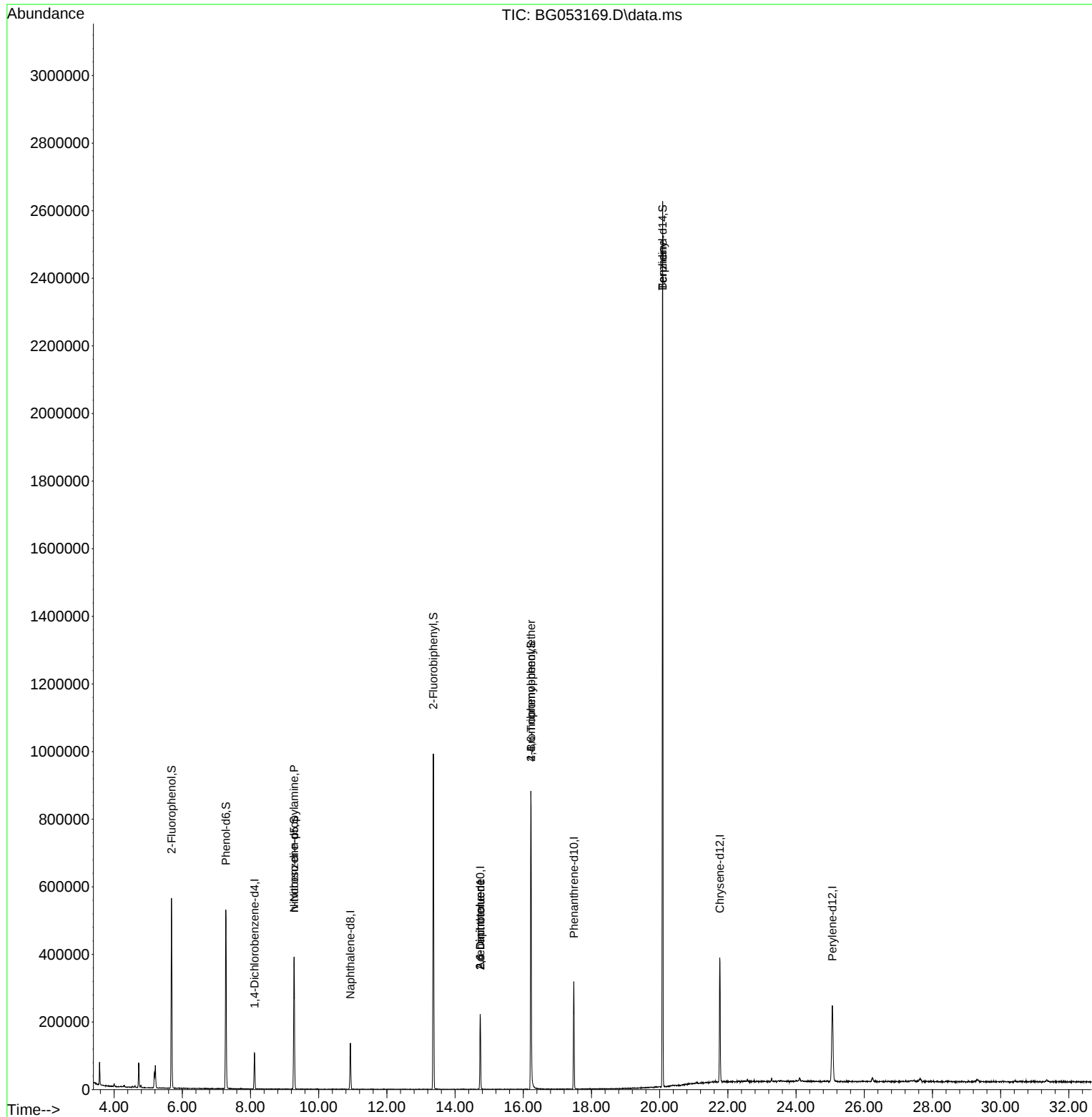
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	29685	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	110127	20.000	ng	0.00
39) Acenaphthene-d10	14.737	164	82480	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	211212	20.000	ng	0.00
76) Chrysene-d12	21.763	240	244934	20.000	ng	-0.01
86) Perylene-d12	25.064	264	246967	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	227089	131.134	ng	0.00
7) Phenol-d6	7.276	99	294306	110.206	ng	0.00
23) Nitrobenzene-d5	9.280	82	252346	93.039	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	191831	146.188	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	544261	90.990	ng	0.00
79) Terphenyl-d14	20.088	244	1288067	88.817	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	35788	18.305	ng	# 78
51) 2,6-Dinitrotoluene	14.737	165	10866	7.895	ng	# 26
57) 2,4-Dinitrotoluene	14.737	165	10866	5.546	ng	# 25
67) 4-Bromophenyl-phenylether	16.229	248	12124	4.480	ng	# 1
77) Benzidine	20.088	184	21902	3.134	ng	# 94

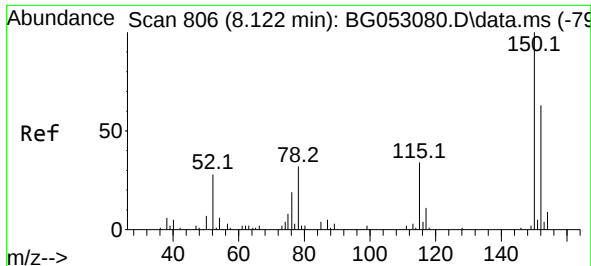
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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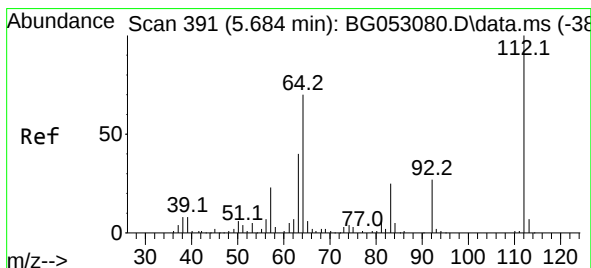
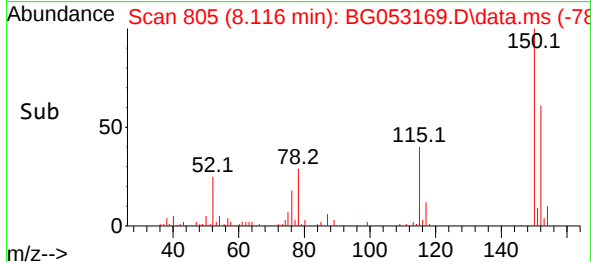
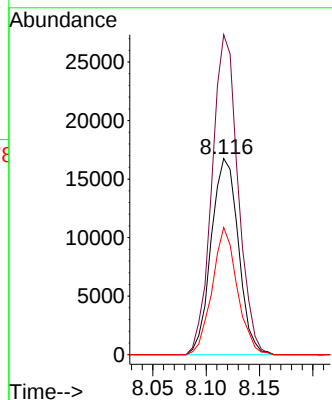
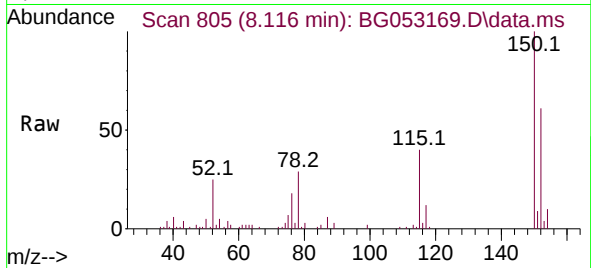




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

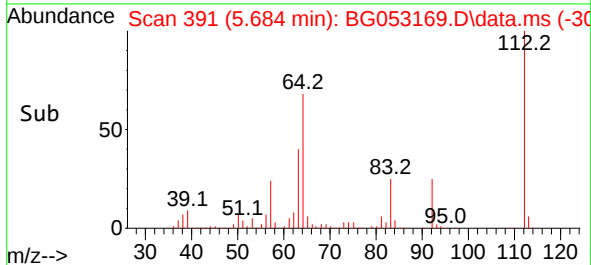
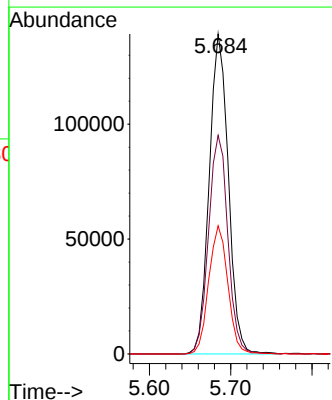
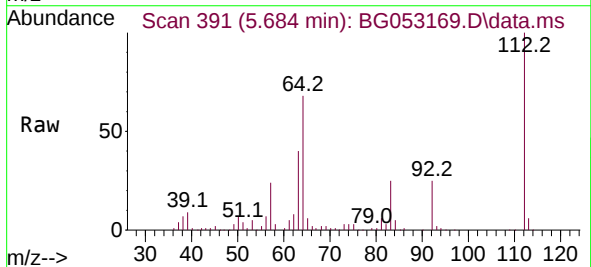
Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

Tgt Ion:152 Resp: 29685
Ion Ratio Lower Upper
152 100
150 163.2 114.6 172.0
115 64.9 45.9 68.9



#5
2-Fluorophenol
Concen: 131.134 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

Tgt Ion:112 Resp: 227089
Ion Ratio Lower Upper
112 100
64 68.3 48.0 72.0
63 40.0 26.5 39.7#

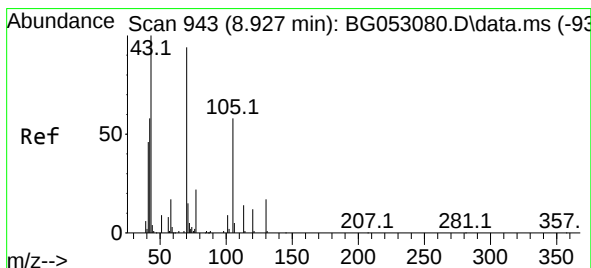
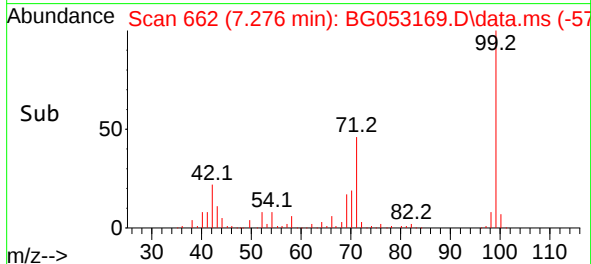
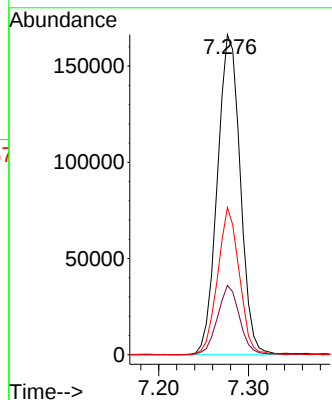
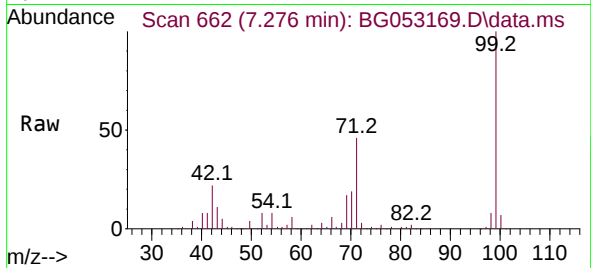




#7
Phenol-d6
Concen: 110.206 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

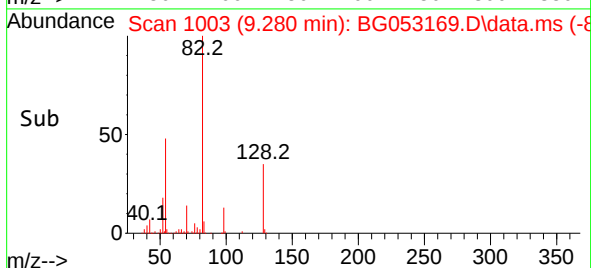
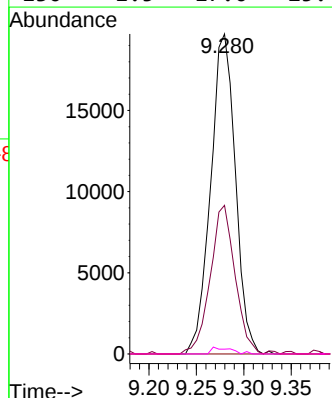
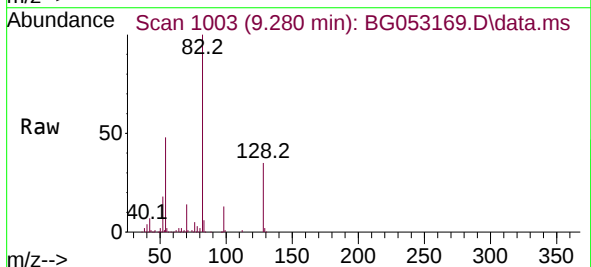
Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

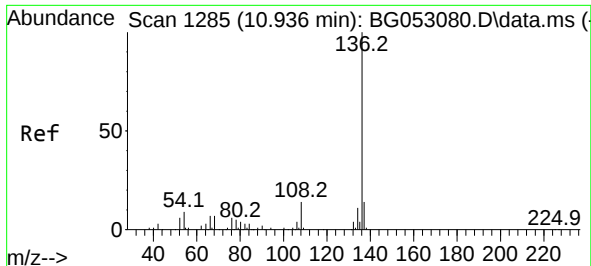
Tgt Ion: 99 Resp: 294306
Ion Ratio Lower Upper
99 100
42 21.6 14.7 22.1
71 46.0 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.305 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

Tgt Ion: 70 Resp: 35788
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

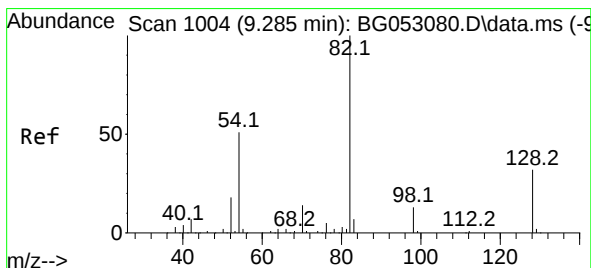
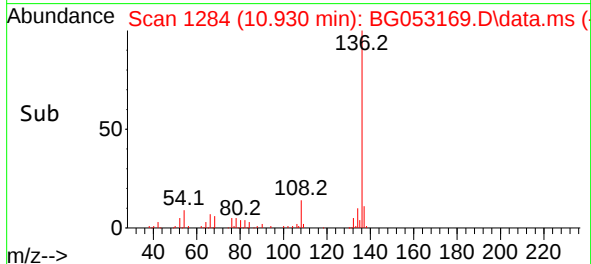
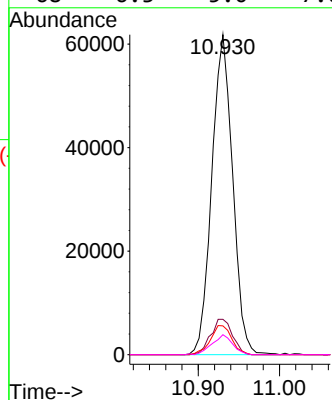
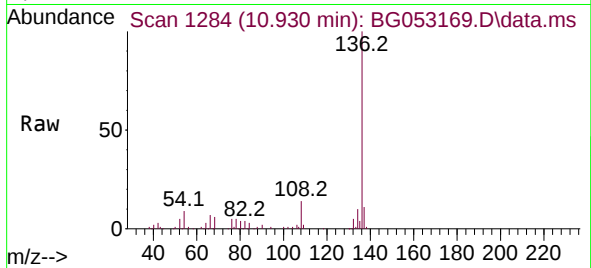




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.930 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

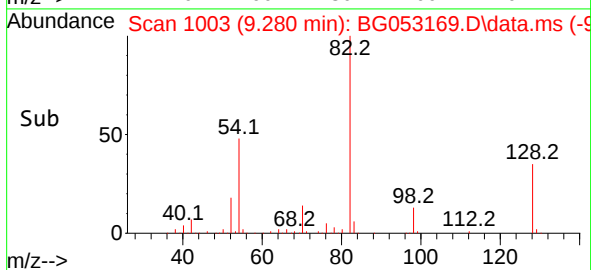
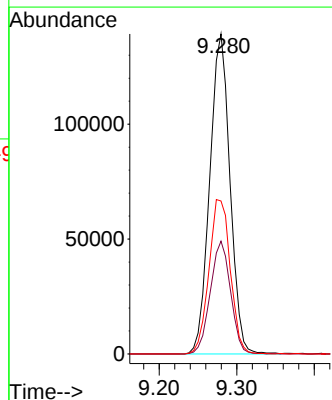
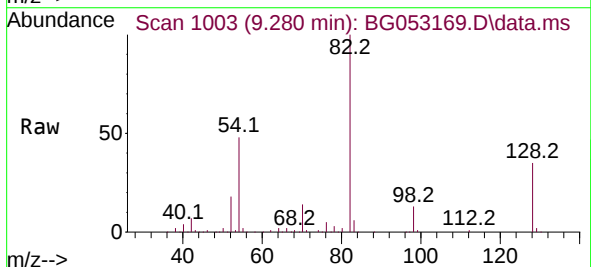
Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

Tgt Ion:136 Resp: 110127
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.0 6.4 9.6
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.039 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

Tgt Ion: 82 Resp: 252346
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 47.8 37.8 56.8

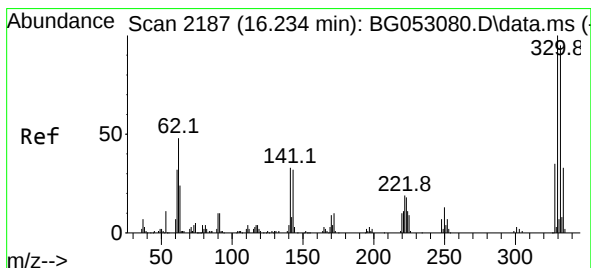
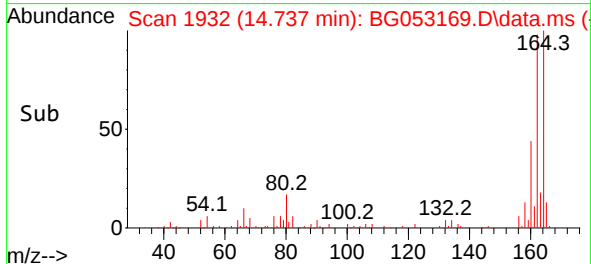
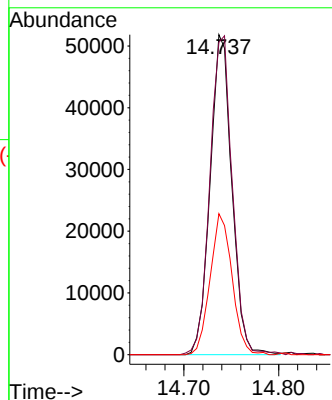
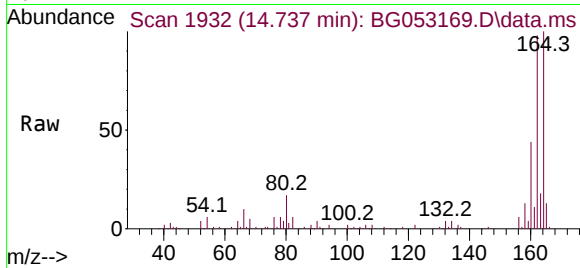




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1932
Delta R.T. -0.011 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

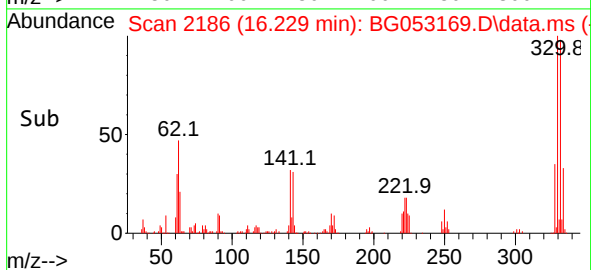
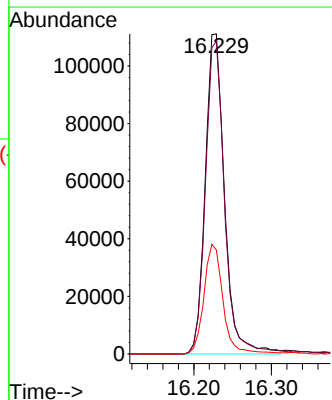
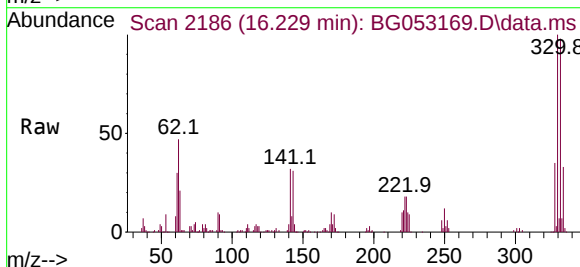
Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

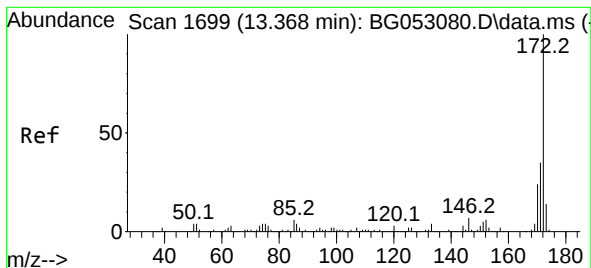
Tgt Ion:164 Resp: 82480
Ion Ratio Lower Upper
164 100
162 97.6 80.0 120.0
160 44.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 146.188 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

Tgt Ion:330 Resp: 191831
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.6
141 34.0 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 90.990 ng

RT: 13.362 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053169.D

Acq: 15 Apr 2022 18:01

Instrument :

BNA_G

ClientSampleId :

CS-1-(DUMPSTER-RIGHT)

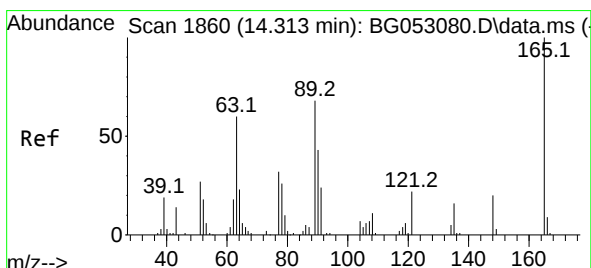
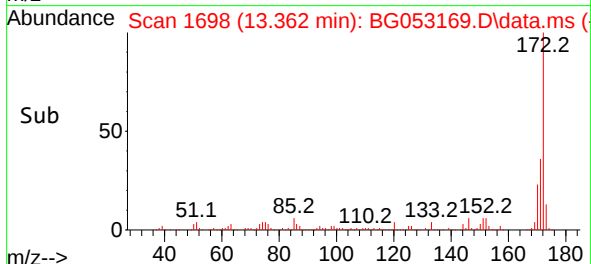
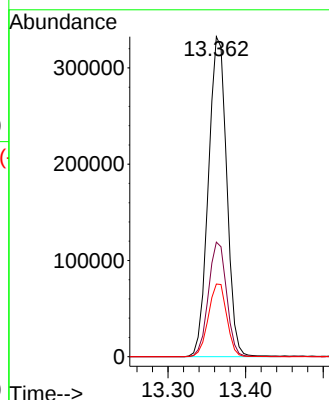
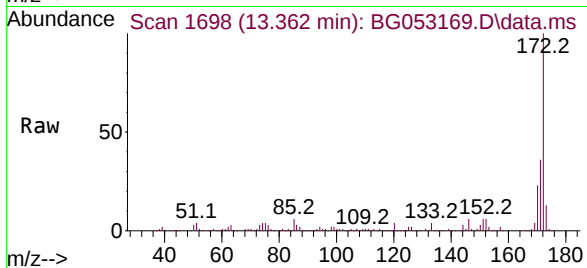
Tgt Ion:172 Resp: 544261

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 22.7 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.895 ng

RT: 14.737 min Scan# 1932

Delta R.T. 0.423 min

Lab File: BG053169.D

Acq: 15 Apr 2022 18:01

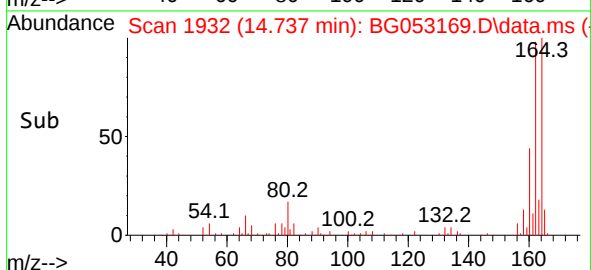
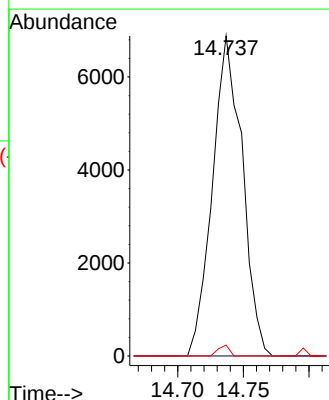
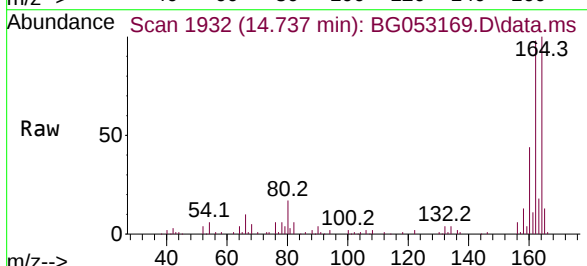
Tgt Ion:165 Resp: 10866

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 3.4 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.546 ng

RT: 14.737 min Scan# 1994

Delta R.T. -0.364 min

Lab File: BG053169.D

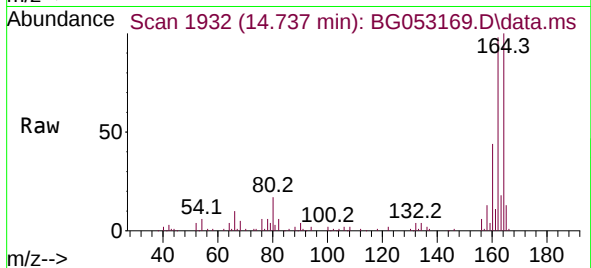
Acq: 15 Apr 2022 18:01

Instrument :

BNA_G

ClientSampleId :

CS-1-(DUMPSTER-RIGHT)



Tgt Ion:165 Resp: 10866

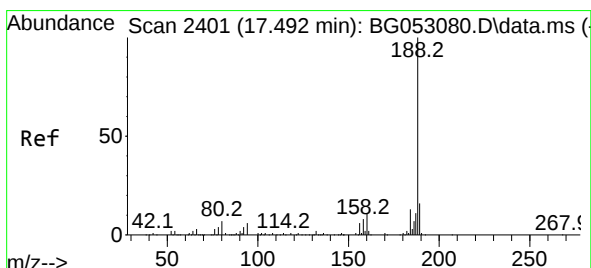
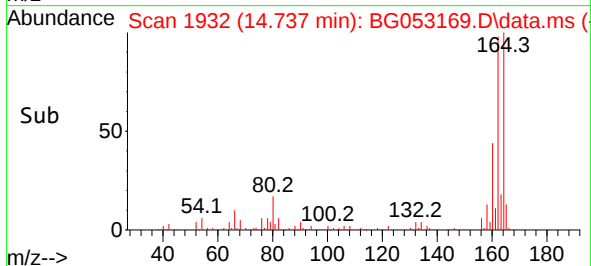
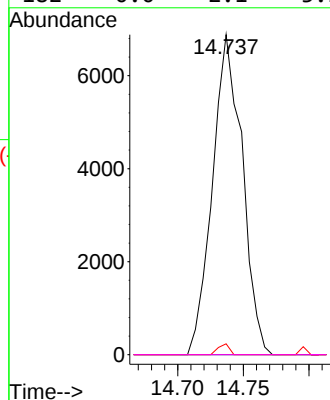
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 3.4 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2400

Delta R.T. -0.005 min

Lab File: BG053169.D

Acq: 15 Apr 2022 18:01

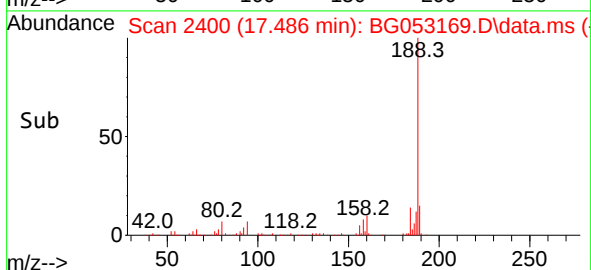
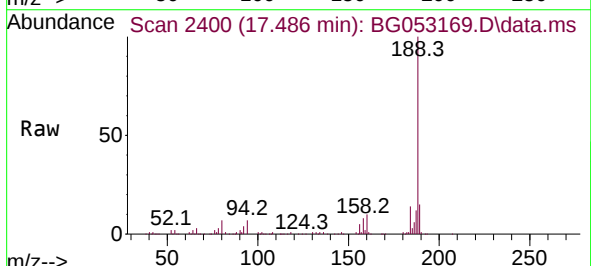
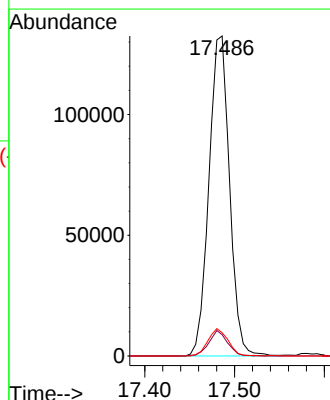
Tgt Ion:188 Resp: 211212

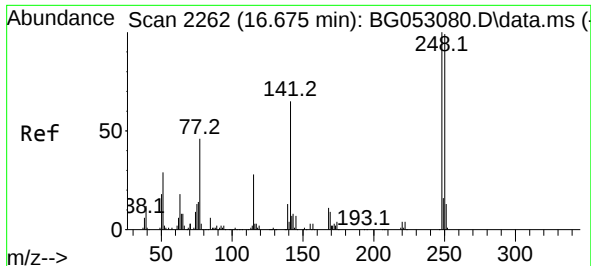
Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 7.3 7.2 10.8

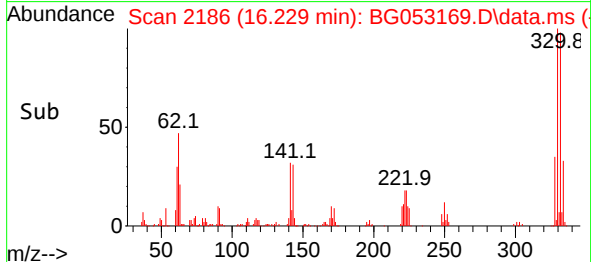
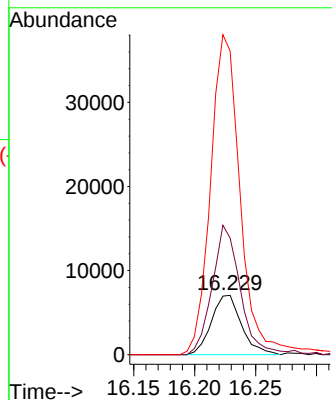
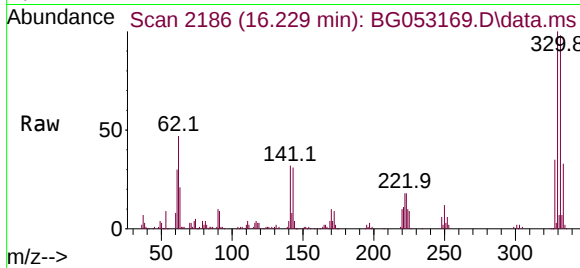




#67
4-Bromophenyl-phenylether
Concen: 4.480 ng
RT: 16.229 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

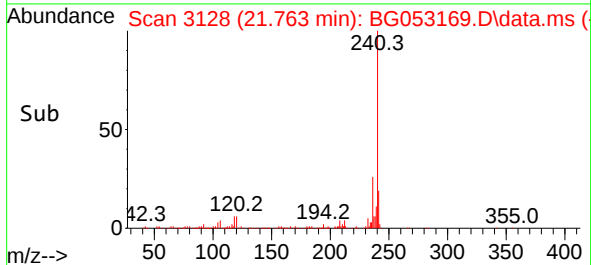
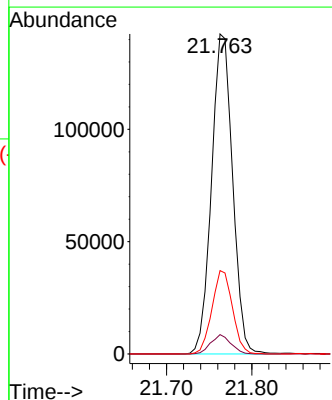
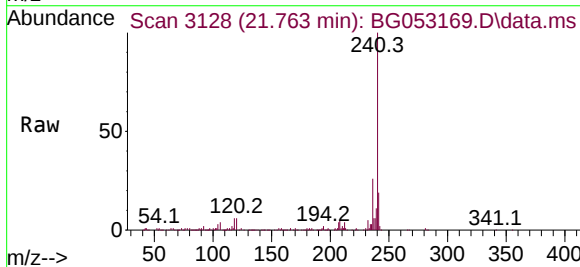
Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

Tgt Ion:248 Resp: 12124
Ion Ratio Lower Upper
248 100
250 196.3 77.9 116.9#
141 511.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

Tgt Ion:240 Resp: 244934
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 26.0 19.8 29.6

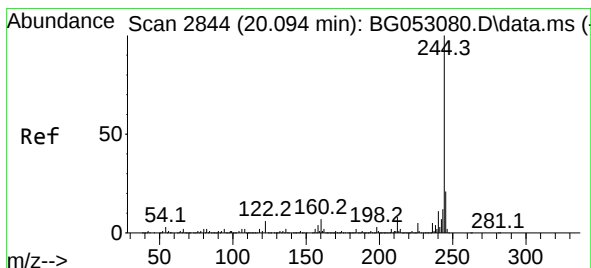
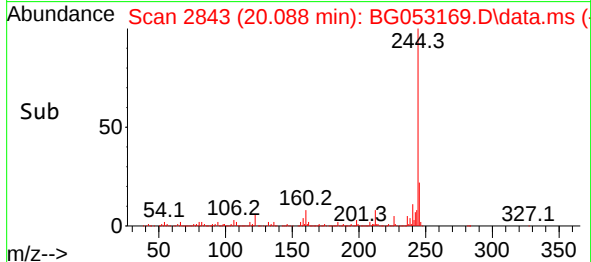
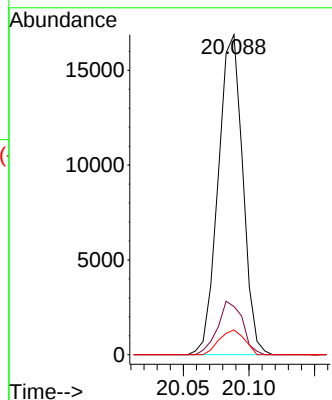
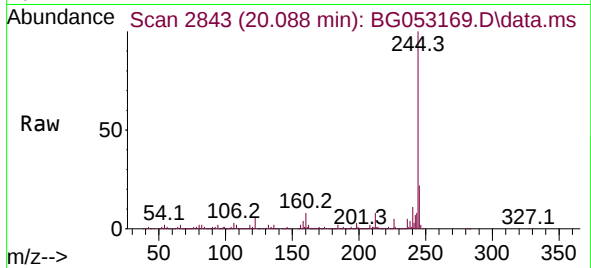




#77
Benzidine
Concen: 3.134 ng
RT: 20.088 min Scan# 2843
Delta R.T. 0.376 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

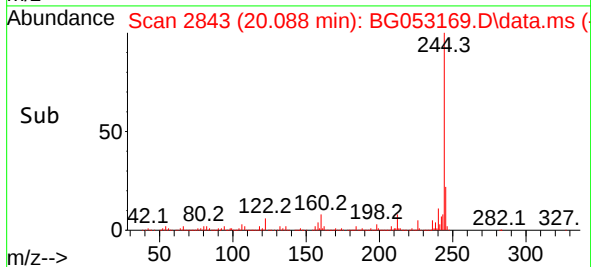
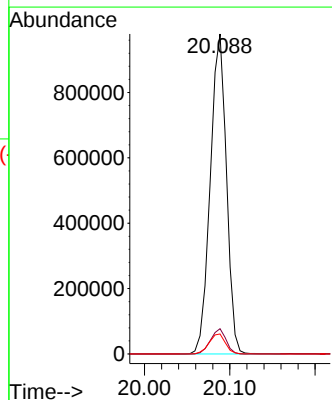
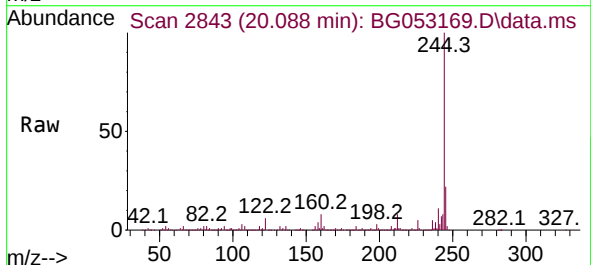
Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

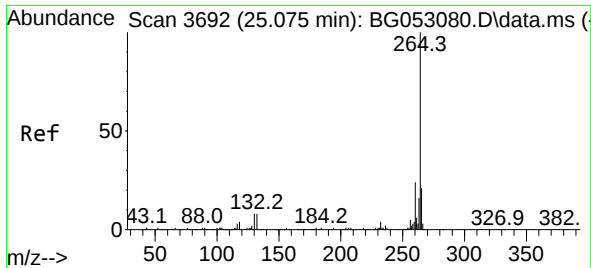
Tgt Ion:184 Resp: 21902
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 7.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 88.817 ng
RT: 20.088 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

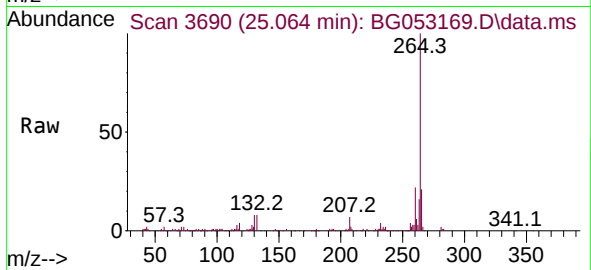
Tgt Ion:244 Resp: 1288067
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.2 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.064 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG053169.D
Acq: 15 Apr 2022 18:01

Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)



Tgt Ion:	264	Resp:	246967
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.2	27.2
265	21.4	15.1	22.7

