

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051159.D
 Acq On : 20 Nov 2021 22:42
 Operator : CG/JU
 Sample : M4758-37
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP19

Quant Time: Nov 22 01:27:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

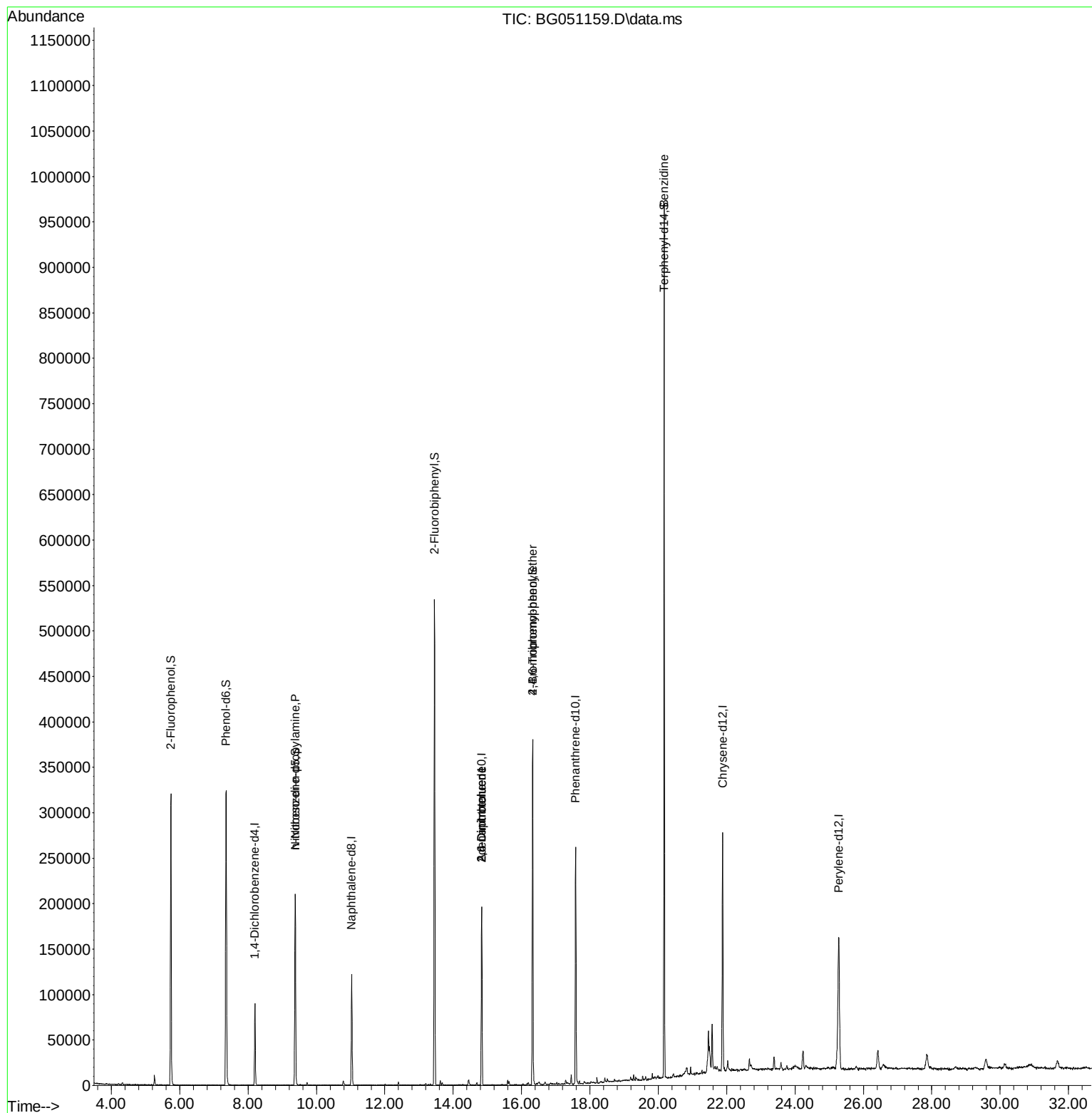
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	25466	20.00	ng	-0.01
21) Naphthalene-d8	11.031	136	107342	20.00	ng	# 0.00
39) Acenaphthene-d10	14.833	164	70272	20.00	ng	0.00
64) Phenanthrene-d10	17.582	188	161298	20.00	ng	# 0.00
76) Chrysene-d12	21.883	240	163471	20.00	ng	# 0.00
86) Perylene-d12	25.279	264	161442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	143162	86.90	ng	0.00
7) Phenol-d6	7.359	99	194042	83.63	ng	0.00
23) Nitrobenzene-d5	9.380	82	138159	58.75	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	65257	87.37	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	275020	59.06	ng	0.00
79) Terphenyl-d14	20.173	244	453576	50.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.380	70	19155	11.18	ng	# 67
51) 2,6-Dinitrotoluene	14.833	165	9035	7.99	ng	# 10
57) 2,4-Dinitrotoluene	14.833	165	9035	5.58	ng	# 15
67) 4-Bromophenyl-phenylether	16.325	248	4697	2.69	ng	# 1
77) Benzidine	20.168	184	7785	2.90	ng	# 95

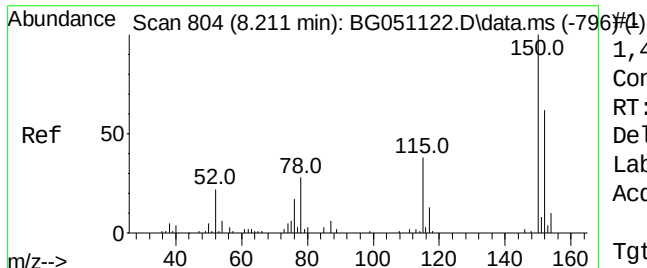
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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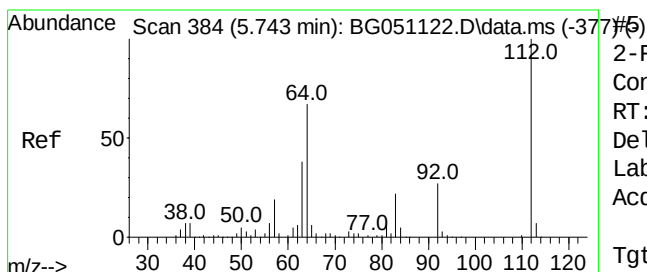
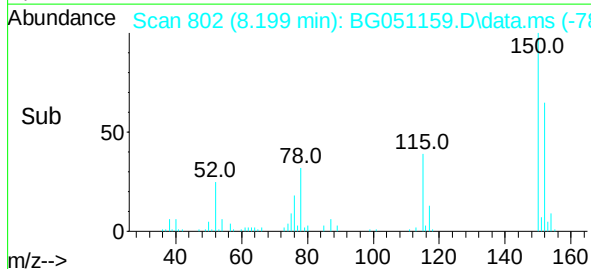
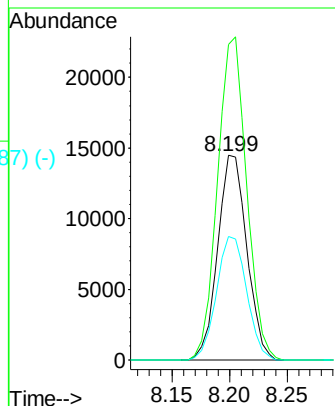
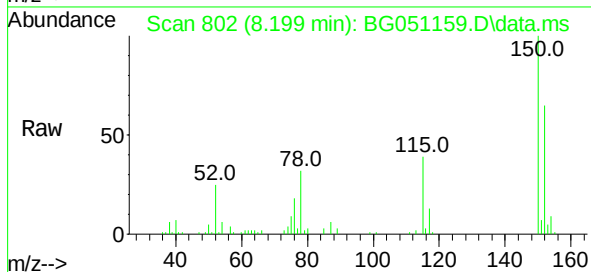




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.199 min Scan# 8
 Delta R.T. -0.012 min
 Lab File: BG051159.D
 Acq: 20 Nov 2021 22:42

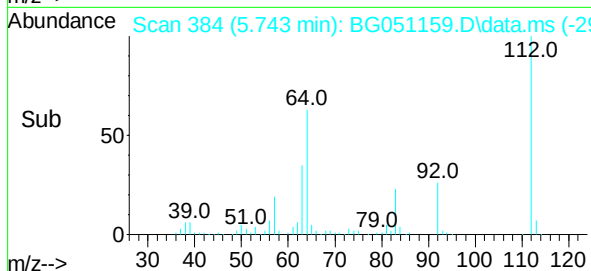
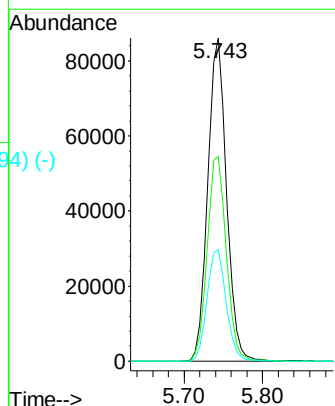
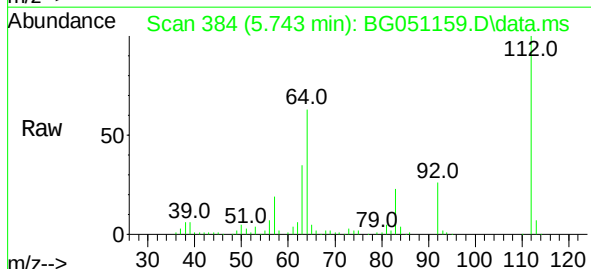
Instrument :
 BNA_G
 ClientSampleId :
 TP19

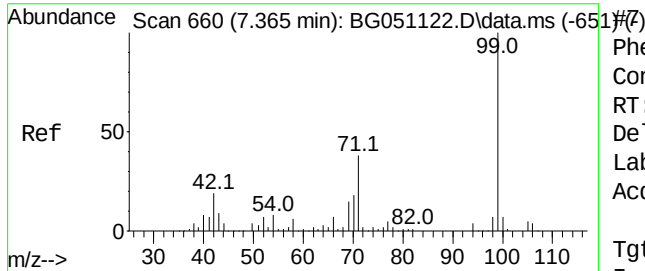
Tgt Ion:	152	Resp:	25466
Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.4	179.0
115	60.2	60.2	90.4



2-Fluorophenol
 Concen: 86.90 ng
 RT: 5.743 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: BG051159.D
 Acq: 20 Nov 2021 22:42

Tgt Ion:	112	Resp:	143162
Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.7	70.1
63	34.7	35.3	52.9#





Phenol-d6

Concen: 83.63 ng

RT: 7.359 min Scan#

Delta R.T. -0.006 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

Instrument :

BNA_G

ClientSampleId :

TP19

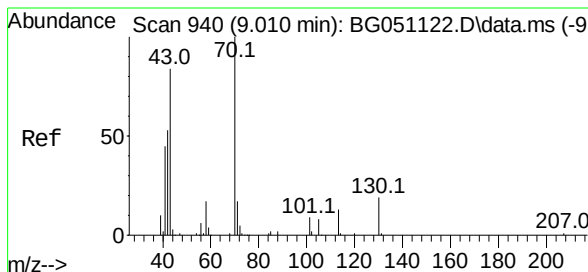
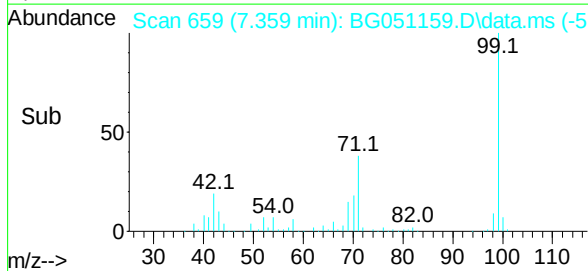
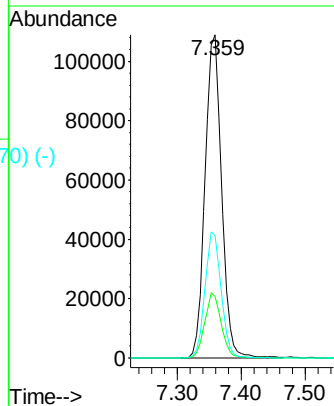
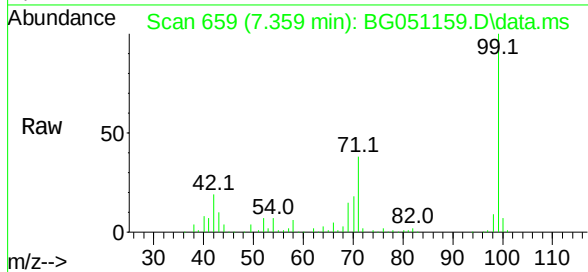
Tgt Ion: 99 Resp: 194042

Ion Ratio Lower Upper

99 100

42 18.9 20.5 30.7#

71 37.9 41.5 62.3#



n-Nitroso-di-n-propylamine

Concen: 11.18 ng

RT: 9.380 min Scan# 1003

Delta R.T. 0.370 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

Tgt Ion: 70 Resp: 19155

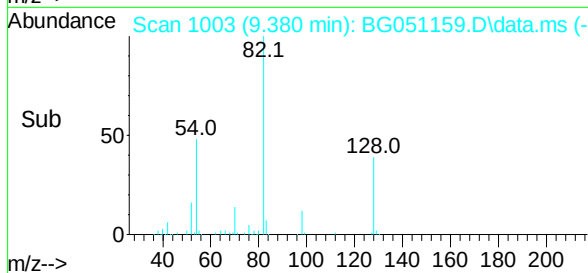
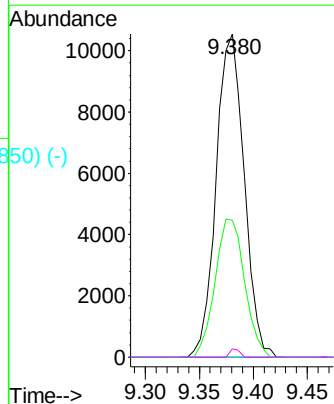
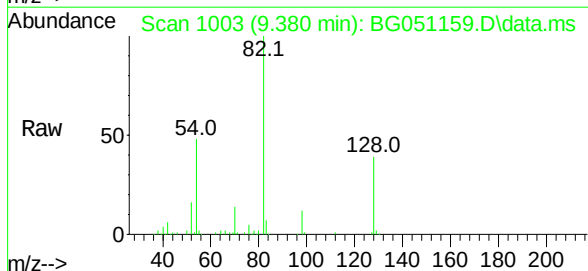
Ion Ratio Lower Upper

70 100

42 42.3 54.5 81.7#

101 0.0 9.0 13.6#

130 2.6 17.0 25.6#



Abundance Scan 1285 (11.037 min): BG051122.D\data.ms (-1285) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.031 min Scan#

Delta R.T. -0.006 min

Lab File: BG051159.D

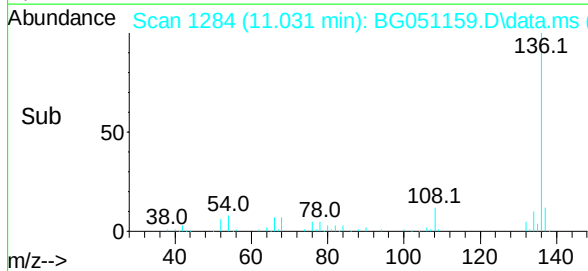
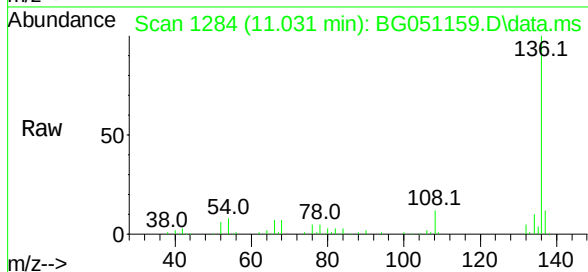
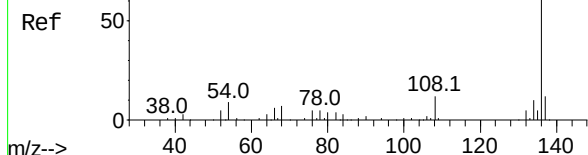
Acq: 20 Nov 2021 22:42

Instrument :

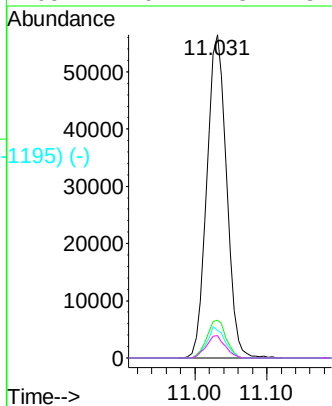
BNA_G

ClientSampleId :

TP19



Tgt Ion:	136	Resp:	107342
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.2
54	8.5	5.5	8.3#
68	7.0	2.3	3.5#



Abundance Scan 1004 (9.386 min): BG051122.D\data.ms (-99623)

Nitrobenzene-d5

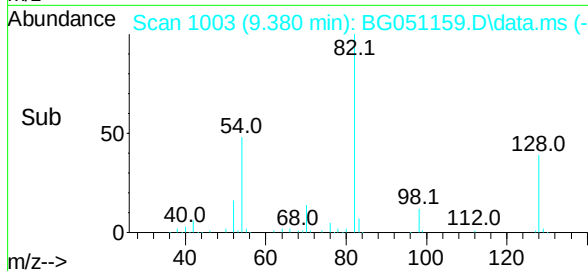
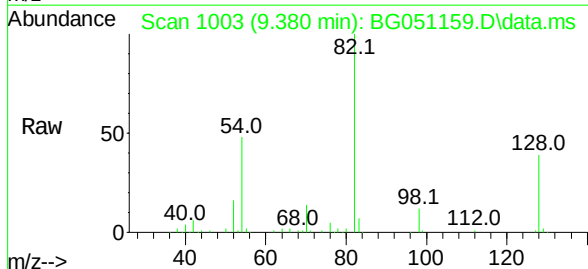
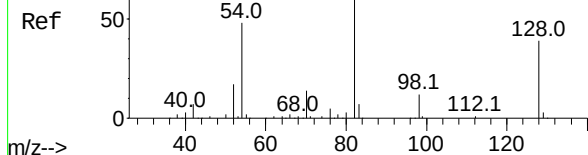
Concen: 58.75 ng

RT: 9.380 min Scan# 1003

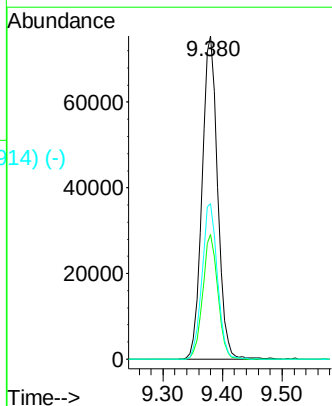
Delta R.T. -0.006 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42



Tgt Ion:	82	Resp:	138159
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.6
54	48.0	45.8	68.8



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1929) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.833 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BG051159.D

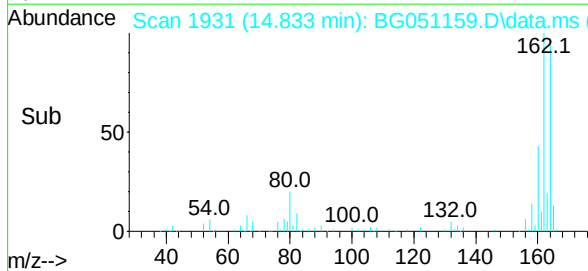
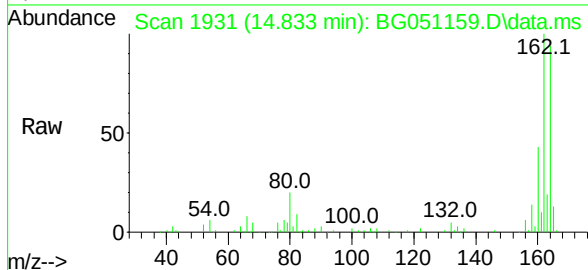
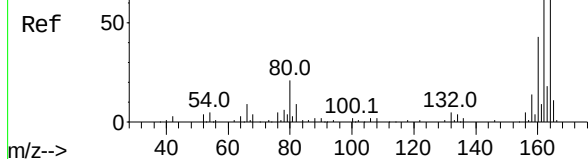
Acq: 20 Nov 2021 22:42

Instrument :

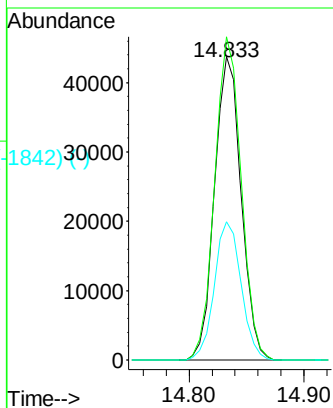
BNA_G

ClientSampleId :

TP19



Tgt Ion:	164	Resp:	70272
Ion Ratio	Lower	Upper	
164	100		
162	106.4	81.4	122.0
160	45.6	34.9	52.3



Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2179) (-)

2,4,6-Tribromophenol

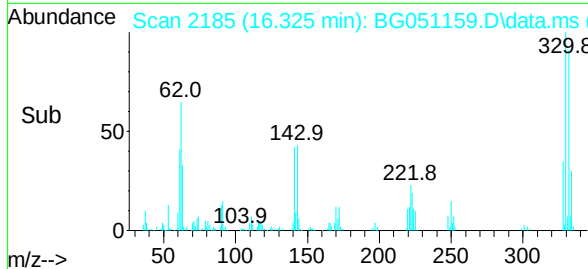
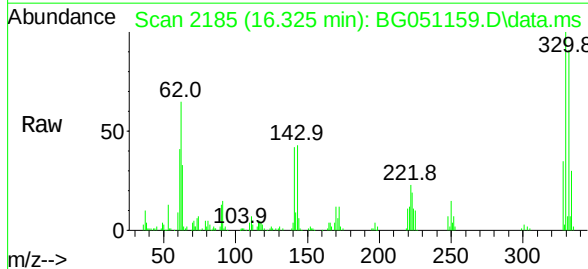
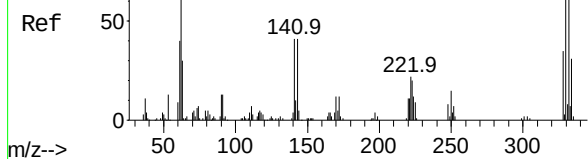
Concen: 87.37 ng

RT: 16.325 min Scan# 2185

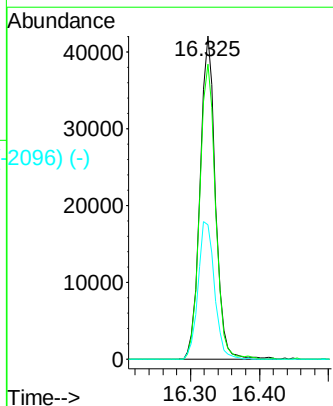
Delta R.T. -0.006 min

Lab File: BG051159.D

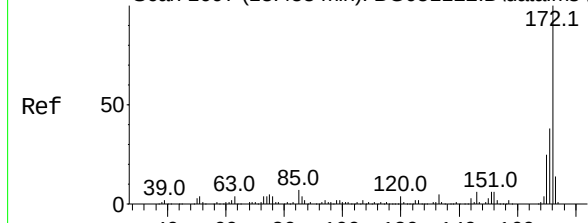
Acq: 20 Nov 2021 22:42



Tgt Ion:	330	Resp:	65257
Ion Ratio	Lower	Upper	
330	100		
332	93.6	77.3	115.9
141	45.3	35.6	53.4



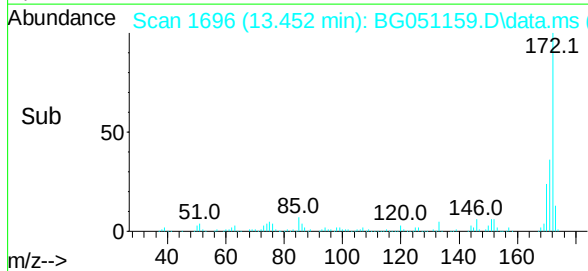
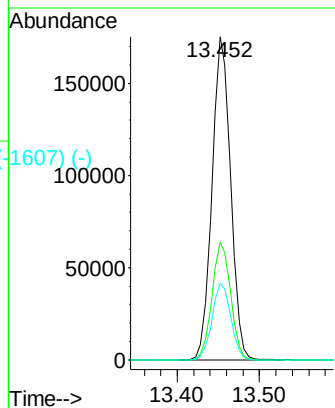
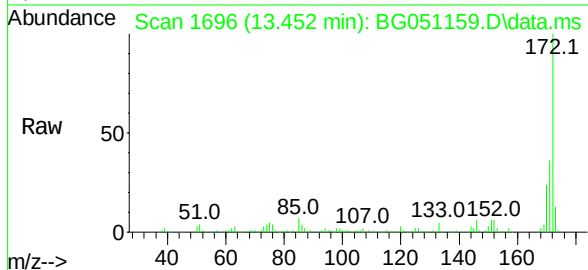
Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1685) (-)



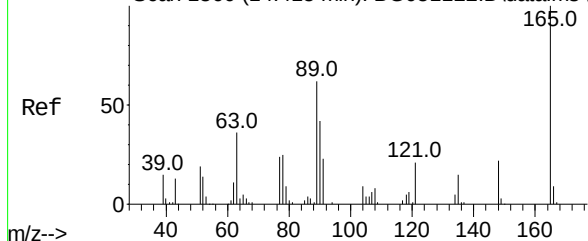
2-Fluorobiphenyl
Concen: 59.06 ng
RT: 13.452 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

Instrument :
BNA_G
ClientSampleId :
TP19

Tgt Ion:	172	Resp:	275020
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.7	18.6	27.8

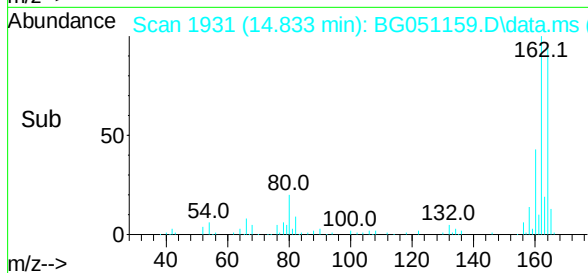
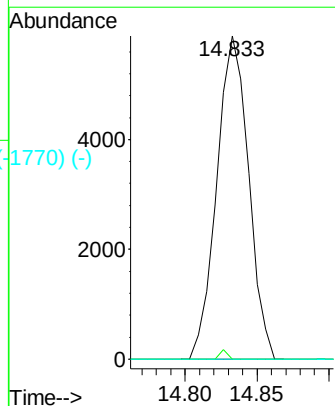
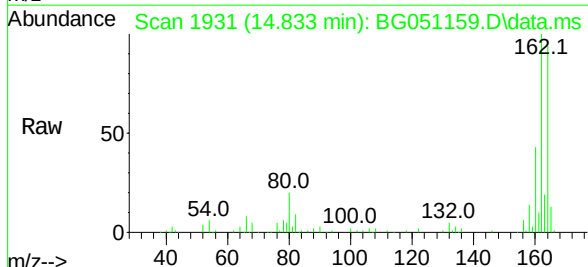


Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1651) (-)



2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.417 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

Tgt Ion:	165	Resp:	9035
Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



Abundance Scan 1994 (15.203 min): BG051122.D\data.ms (-1957) (-)

2,4-Dinitrotoluene

Concen: 5.58 ng

RT: 14.833 min Scan# 1957

Delta R.T. -0.370 min

Lab File: BG051159.D

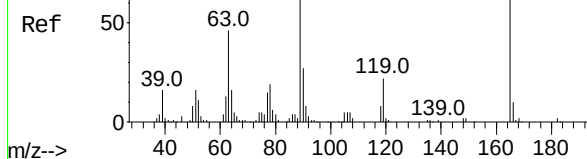
Acq: 20 Nov 2021 22:42

Instrument :

BNA_G

ClientSampleId :

TP19



Tgt Ion:165 Resp: 9035

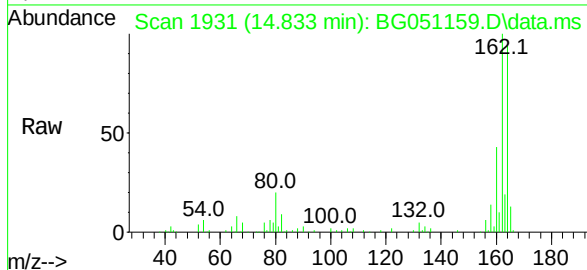
Ion Ratio Lower Upper

165 100

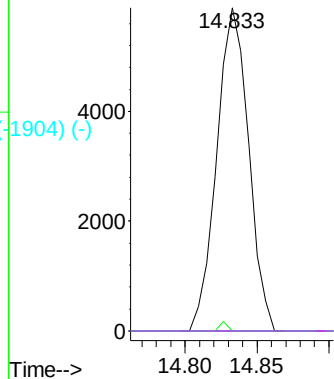
63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

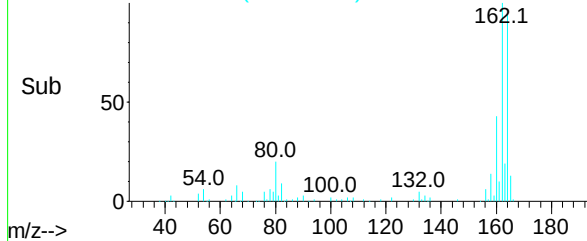
182 0.0 2.0 3.0#



Abundance



Abundance Scan 1931 (14.833 min): BG051159.D\data.ms (-1904) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2392) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.582 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

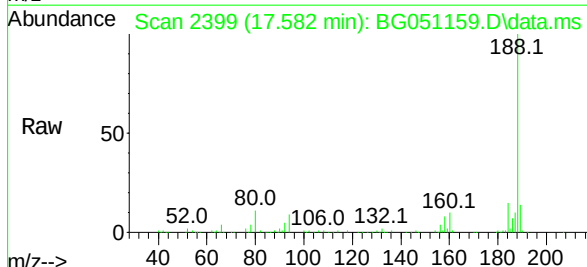
Tgt Ion:188 Resp: 161298

Ion Ratio Lower Upper

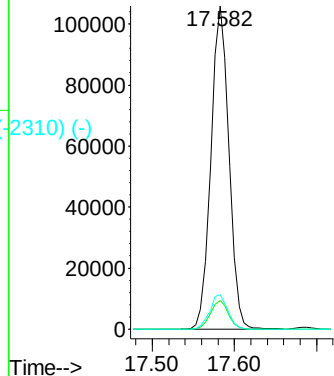
188 100

94 8.8 5.4 8.0#

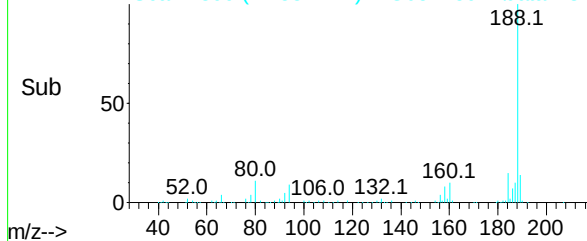
80 10.7 3.7 5.5#



Abundance



Abundance Scan 2399 (17.582 min): BG051159.D\data.ms (-2310) (-)



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2259) (-)

4-Bromophenyl-phenylether

Concen: 2.69 ng

RT: 16.325 min Scan# 2185

Delta R.T. -0.435 min

Lab File: BG051159.D

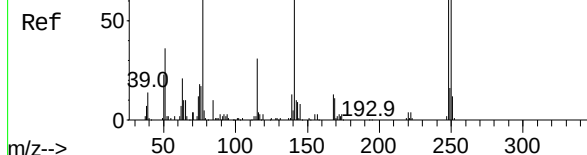
Acq: 20 Nov 2021 22:42

Instrument :

BNA_G

ClientSampleId :

TP19



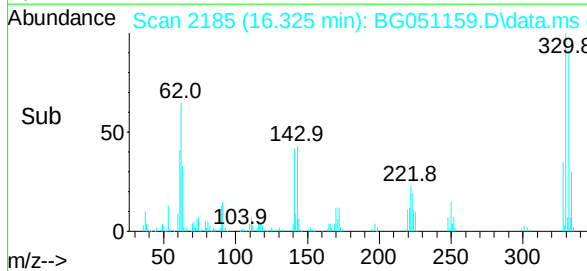
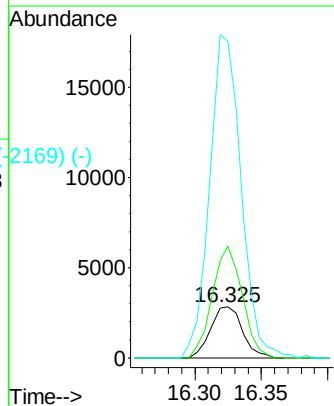
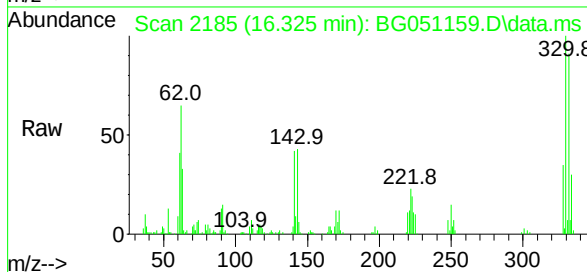
Tgt Ion:248 Resp: 4697

Ion Ratio Lower Upper

248 100

250 217.9 76.1 114.1#

141 617.2 65.4 98.2#



Abundance Scan 3131 (21.883 min): BG051122.D\data.ms (-3131) (-)

Chrysene-d12

Concen: 20.00 ng

RT: 21.883 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

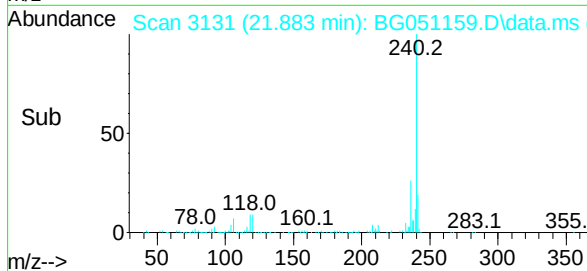
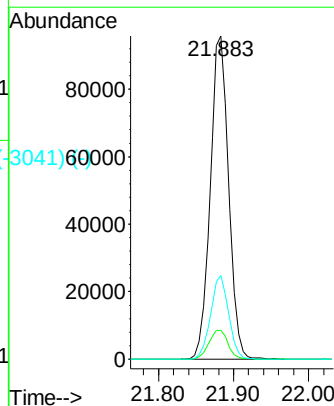
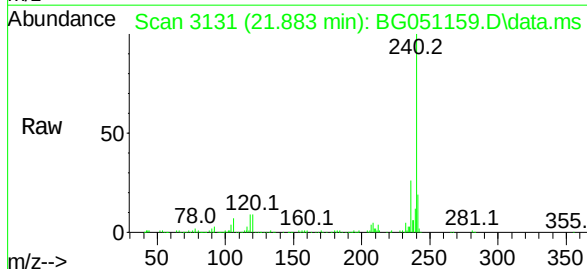
Tgt Ion:240 Resp: 163471

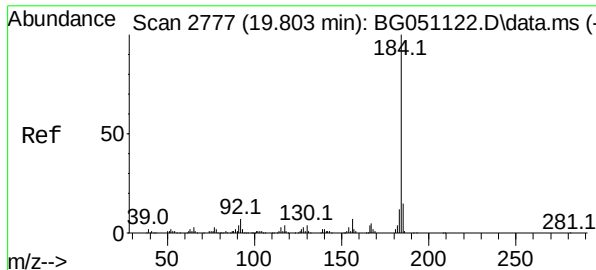
Ion Ratio Lower Upper

240 100

120 8.9 4.2 6.2#

236 25.9 21.8 32.6





Benzidine

Concen: 2.90 ng

RT: 20.168 min Scan# 2770

Delta R.T. 0.364 min

Lab File: BG051159.D

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TP19

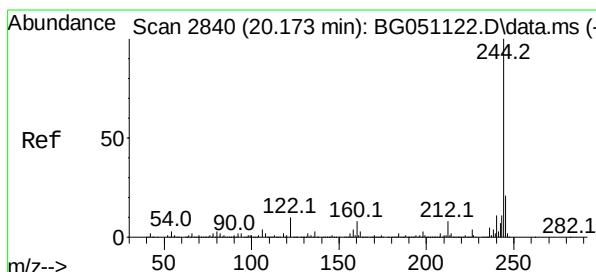
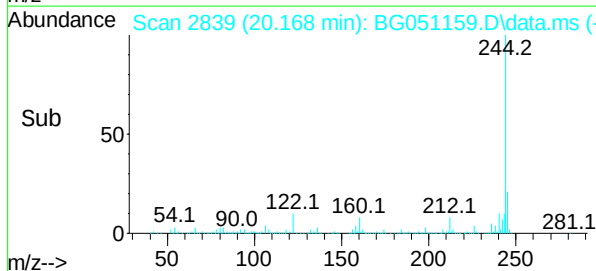
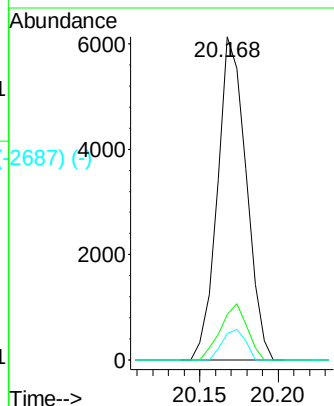
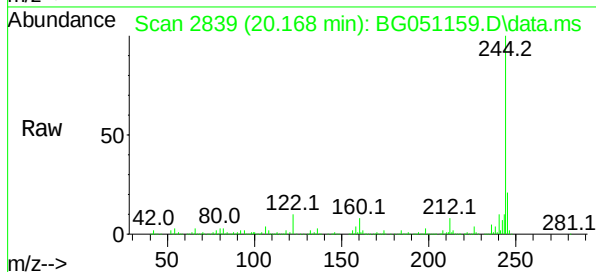
Tgt Ion:184 Resp: 7785

Ion Ratio Lower Upper

184 100

185 14.0 10.7 16.1

183 8.1 9.4 14.0#



Terphenyl-d14

Concen: 50.72 ng

RT: 20.173 min Scan# 2840

Delta R.T. 0.000 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

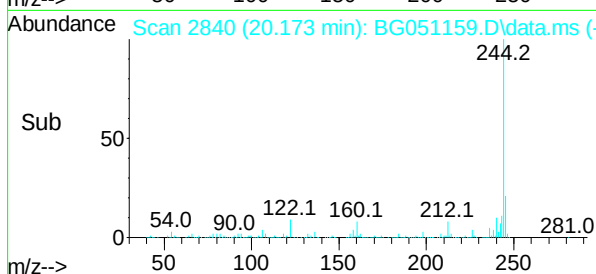
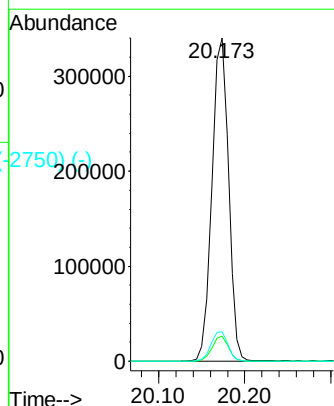
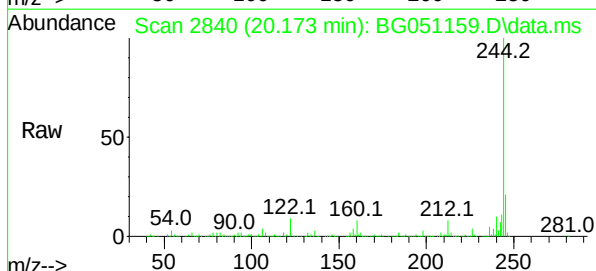
Tgt Ion:244 Resp: 453576

Ion Ratio Lower Upper

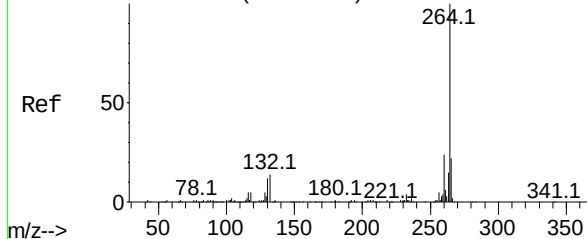
244 100

212 7.7 6.9 10.3

122 9.1 5.0 7.6#



Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)



Perylene-d12

Concen: 20.00 ng

RT: 25.279 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

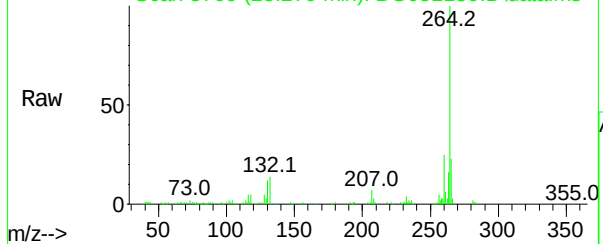
Instrument :

BNA_G

ClientSampleId :

TP19

Abundance Scan 3709 (25.279 min): BG051159.D\data.ms



Tgt Ion:264 Resp: 161442

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

265 22.9 16.9 25.3

Abundance Scan 3709 (25.279 min): BG051159.D\data.ms (-3619) (-)

