

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051161.D
 Acq On : 21 Nov 2021 00:05
 Operator : CG/JU
 Sample : M4758-27
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP14

Quant Time: Nov 22 01:28:09 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)

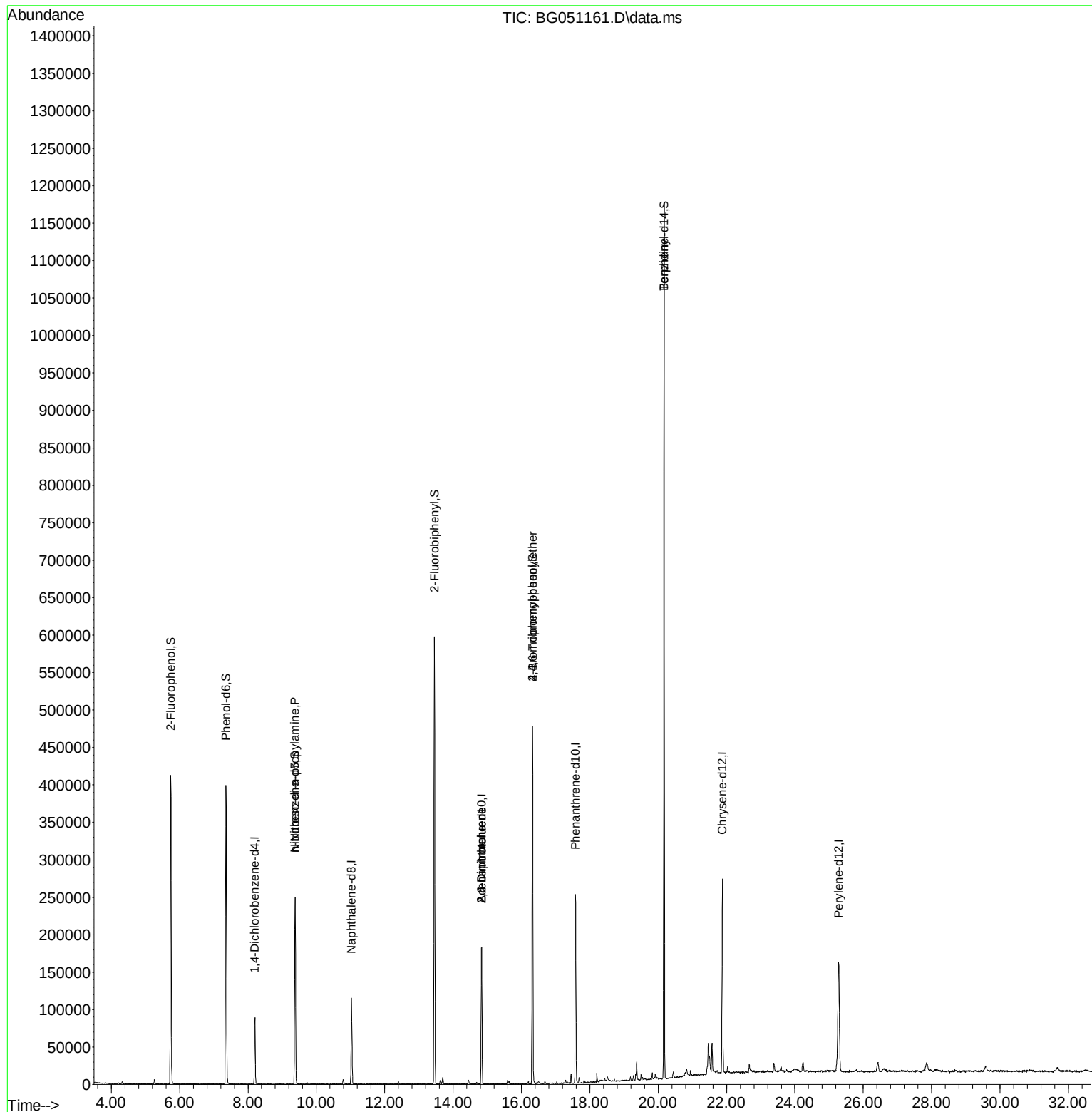
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	24501	20.00	ng	0.00
21) Naphthalene-d8	11.029	136	102825	20.00	ng	# 0.00
39) Acenaphthene-d10	14.830	164	68881	20.00	ng	0.00
64) Phenanthrene-d10	17.580	188	158293	20.00	ng	# 0.00
76) Chrysene-d12	21.881	240	162198	20.00	ng	# 0.00
86) Perylene-d12	25.277	264	157580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	178546	112.65	ng	0.00
7) Phenol-d6	7.357	99	236989	106.16	ng	0.00
23) Nitrobenzene-d5	9.378	82	166687	74.00	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	78918	107.79	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	312650	68.49	ng	0.00
79) Terphenyl-d14	20.171	244	547409	61.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.378	70	22542	13.68	ng	# 71
51) 2,6-Dinitrotoluene	14.830	165	9193	8.29	ng	# 10
57) 2,4-Dinitrotoluene	14.830	165	9193	5.79	ng	# 15
67) 4-Bromophenyl-phenylether	16.323	248	5855	3.42	ng	# 1
77) Benzidine	20.171	184	9114	3.42	ng	# 90

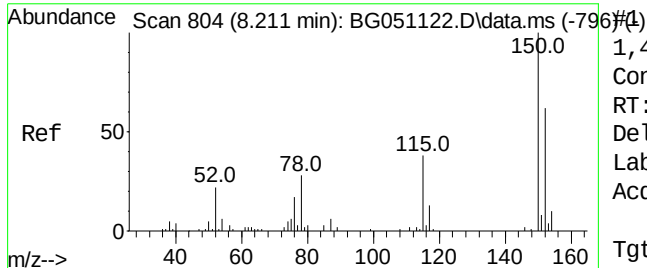
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 01:28:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.203 min Scan# 8

Delta R.T. -0.008 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

Instrument :

BNA_G

ClientSampleId :

TP14

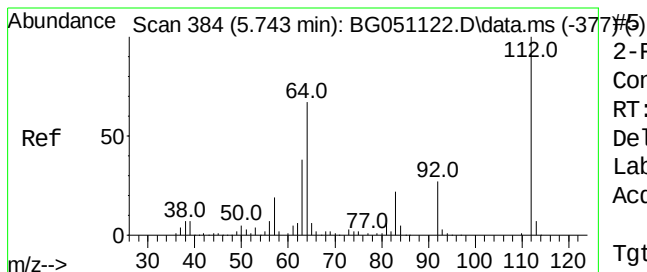
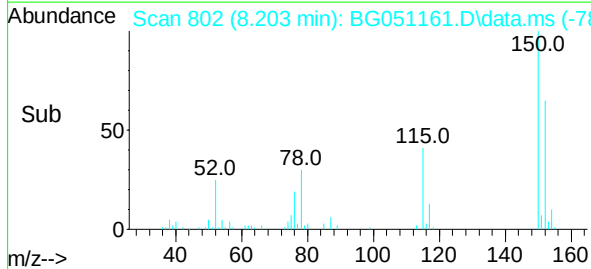
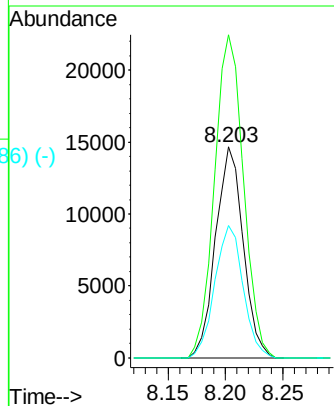
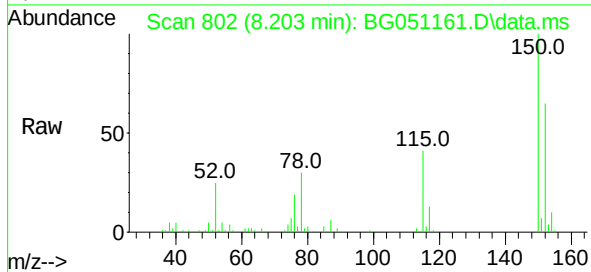
Tgt Ion:152 Resp: 24501

Ion Ratio Lower Upper

152 100

150 152.9 119.4 179.0

115 62.7 60.2 90.4



2-Fluorophenol

Concen: 112.65 ng

RT: 5.741 min Scan# 383

Delta R.T. -0.002 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

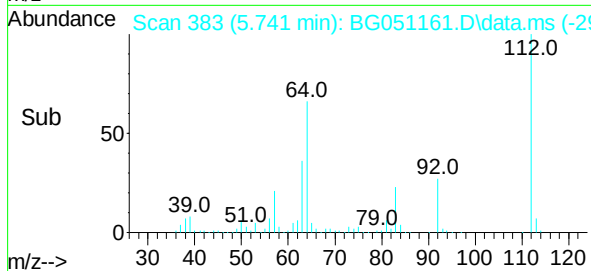
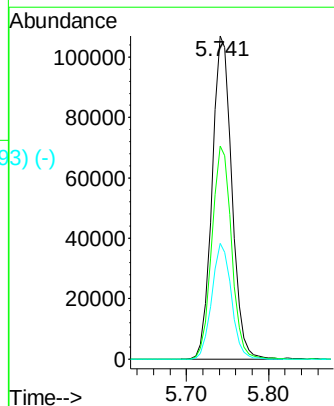
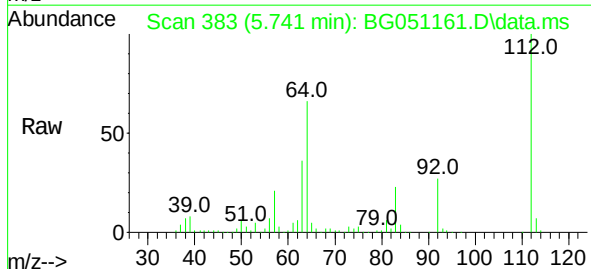
Tgt Ion:112 Resp: 178546

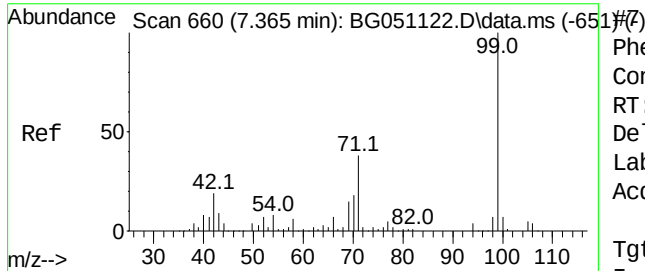
Ion Ratio Lower Upper

112 100

64 66.0 46.7 70.1

63 35.7 35.3 52.9

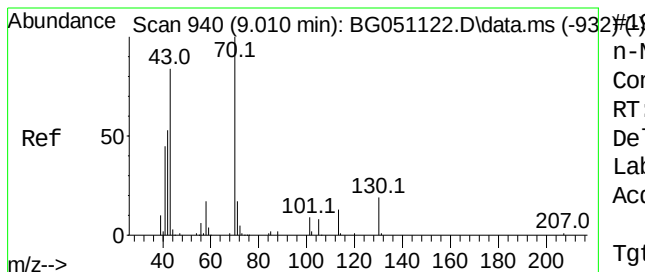
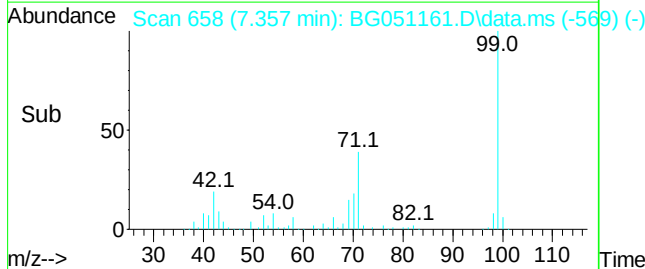
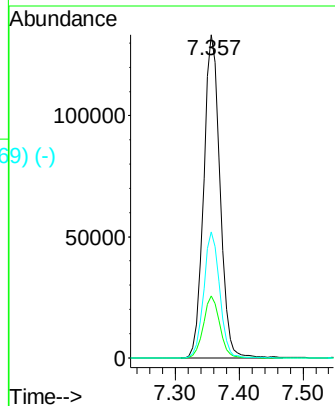
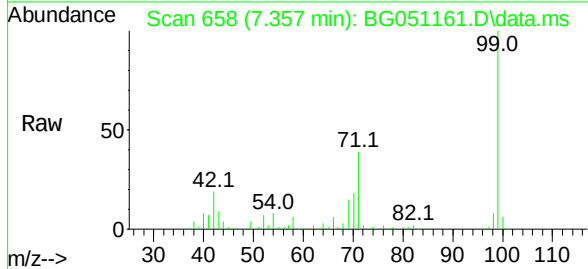




Phenol-d6
 Concen: 106.16 ng
 RT: 7.357 min Scan# 1
 Delta R.T. -0.008 min
 Lab File: BG051161.D
 Acq: 21 Nov 2021 00:05

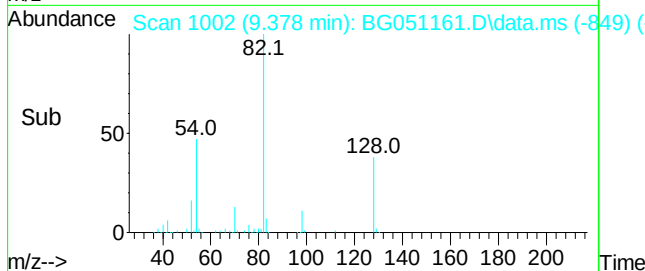
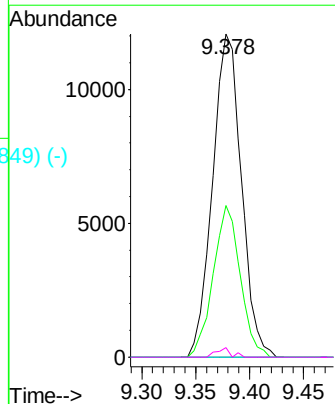
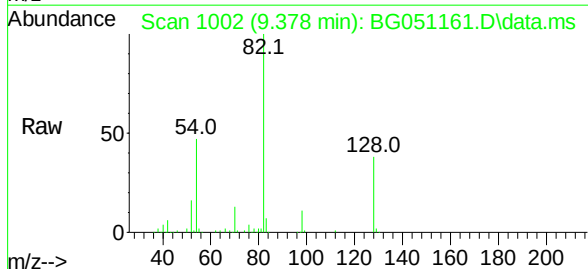
Instrument :
 BNA_G
 ClientSampleId :
 TP14

Tgt Ion:	99	Resp:	236989
Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.5	30.7#
71	39.0	41.5	62.3#



n-Nitroso-di-n-propylamine
 Concen: 13.68 ng
 RT: 9.378 min Scan# 1002
 Delta R.T. 0.368 min
 Lab File: BG051161.D
 Acq: 21 Nov 2021 00:05

Tgt Ion:	70	Resp:	22542
Ion	Ratio	Lower	Upper
70	100		
42	46.8	54.5	81.7#
101	0.0	9.0	13.6#
130	3.0	17.0	25.6#



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

Naphthalene-d8

Concen: 20.00 ng

RT: 11.029 min Scan# 1194

Delta R.T. -0.008 min

Lab File: BG051161.D

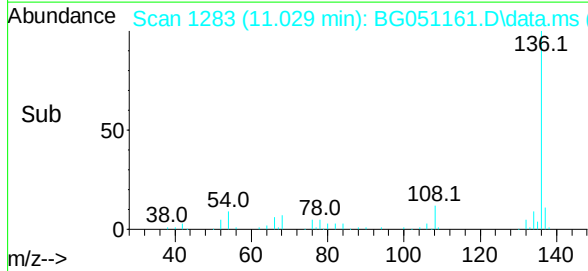
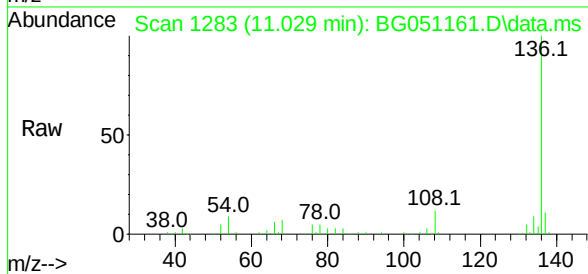
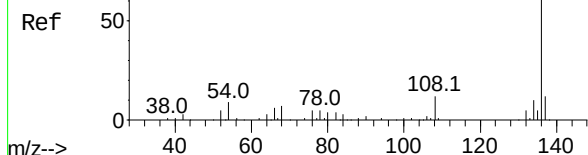
Acq: 21 Nov 2021 00:05

Instrument :

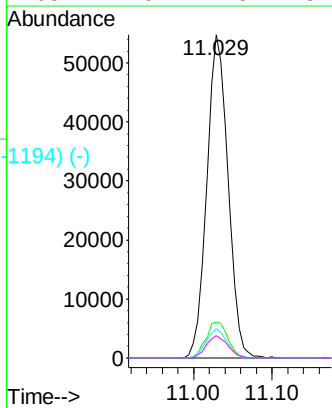
BNA_G

ClientSampleId :

TP14



Tgt Ion:	136	Resp:	102825
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	9.0	5.5	8.3#
68	7.0	2.3	3.5#



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

Nitrobenzene-d5

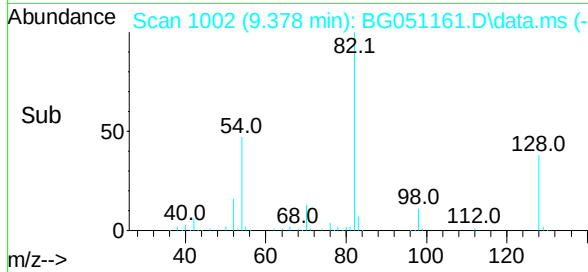
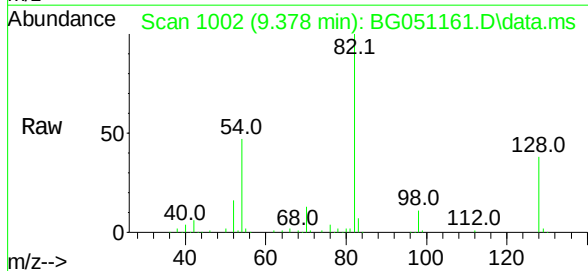
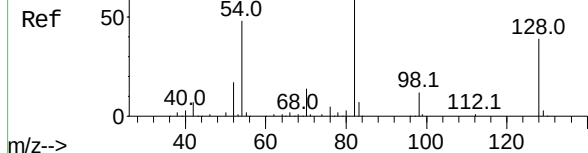
Concen: 74.00 ng

RT: 9.378 min Scan# 1002

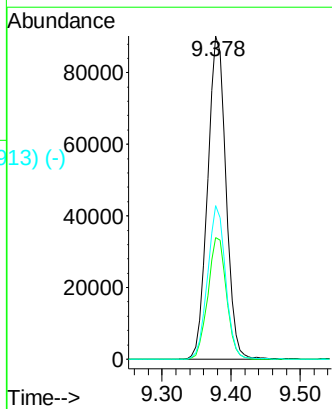
Delta R.T. -0.008 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05



Tgt Ion:	82	Resp:	166687
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.8	44.6
54	47.4	45.8	68.8



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.830 min Scan# 1930

Delta R.T. -0.008 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

Instrument :

BNA_G

ClientSampleId :

TP14

Tgt Ion:164 Resp: 68881

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.0

160 43.6 34.9 52.3

Abundance Scan 1930 (14.830 min): BG051161.D\data.ms

Ref 50

162.1

Raw 50

80.0

54.0

100.0

132.1

m/z-->

Abundance Scan 1930 (14.830 min): BG051161.D\data.ms (-1841) (-)

Ref 50

162.1

Sub 50

80.0

54.0

100.0

132.1

m/z-->

Abundance

14.830

40000

30000

20000

10000

0

Time-->

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

2,4,6-Tribromophenol

Concen: 107.79 ng

RT: 16.323 min Scan# 2184

Delta R.T. -0.008 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

Tgt Ion:330 Resp: 78918

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 46.3 35.6 53.4

Abundance Scan 2184 (16.323 min): BG051161.D\data.ms

Ref 50

329.8

Raw 50

62.0

140.9

221.9

102.9

m/z-->

Abundance Scan 2184 (16.323 min): BG051161.D\data.ms (-2095) (-)

Ref 50

329.8

Sub 50

62.0

140.9

221.9

102.9

m/z-->

Abundance

16.323

40000

30000

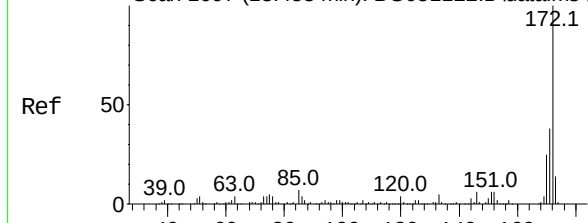
20000

10000

0

Time-->

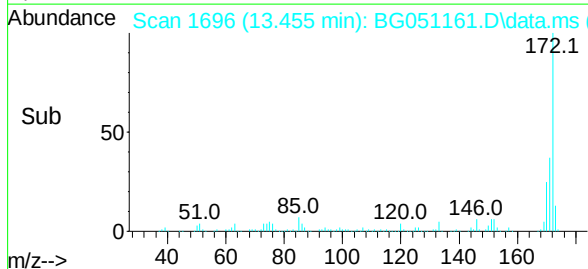
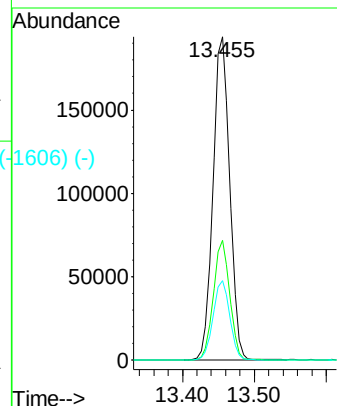
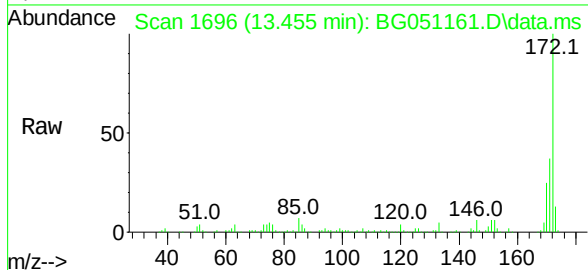
Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1685) (-)



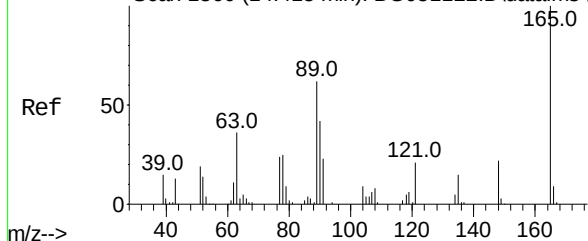
2-Fluorobiphenyl
Concen: 68.49 ng
RT: 13.455 min Scan# 1695
Delta R.T. -0.002 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

Instrument :
BNA_G
ClientSampleId :
TP14

Tgt Ion:	172	Resp:	312650
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.6	18.6	27.8

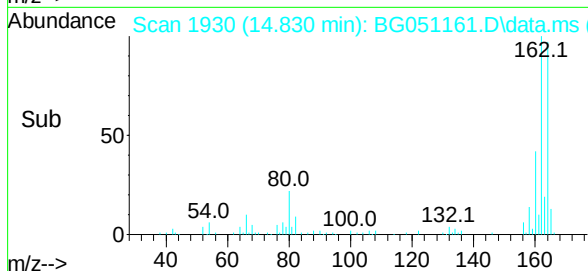
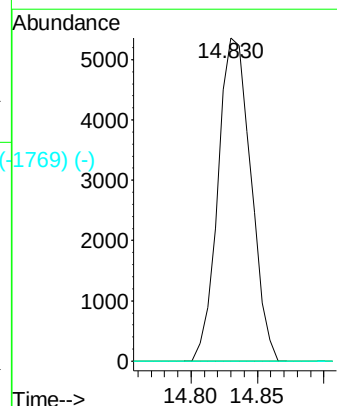
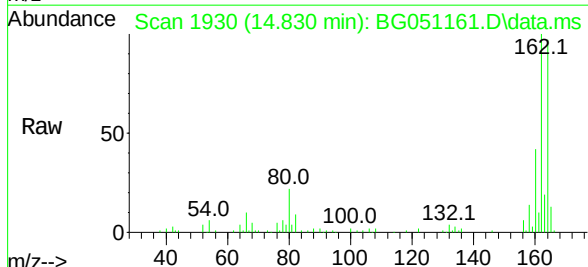


Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1651) (-)



2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 14.830 min Scan# 1930
Delta R.T. 0.415 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

Tgt Ion:	165	Resp:	9193
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: 5.79 ng

RT: 14.830 min Scan# 1957

Delta R.T. -0.373 min

Lab File: BG051161.D

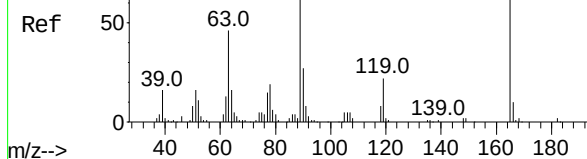
Acq: 21 Nov 2021 00:05

Instrument :

BNA_G

ClientSampleId :

TP14



Tgt Ion:165 Resp: 9193

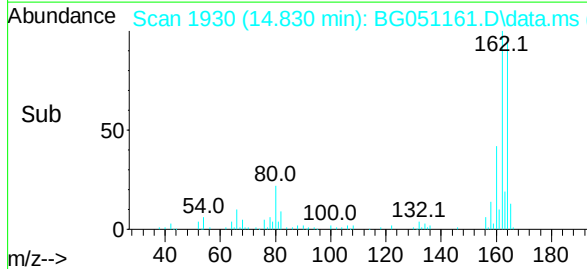
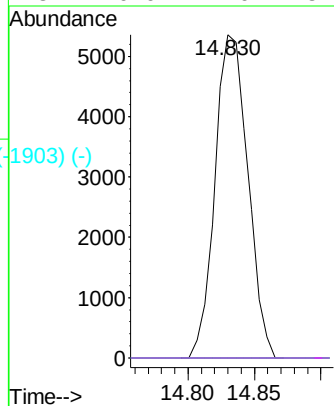
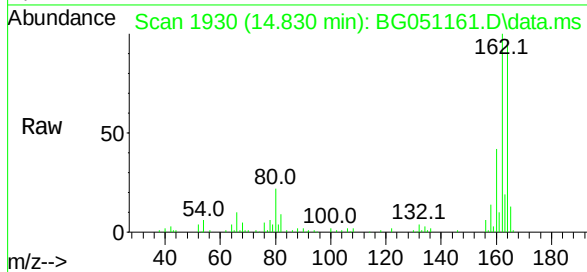
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



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

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.580 min Scan# 2398

Delta R.T. -0.008 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

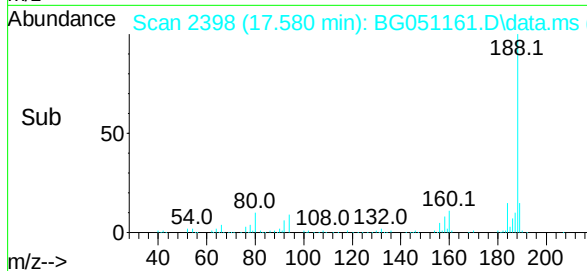
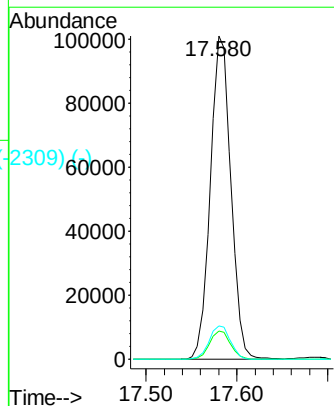
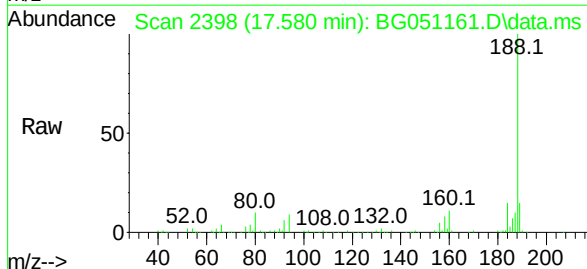
Tgt Ion:188 Resp: 158293

Ion Ratio Lower Upper

188 100

94 8.8 5.4 8.0#

80 10.2 3.7 5.5#



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

4-Bromophenyl-phenylether

Concen: 3.42 ng

RT: 16.323 min Scan# 2184

Delta R.T. -0.437 min

Lab File: BG051161.D

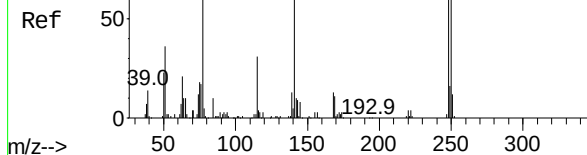
Acq: 21 Nov 2021 00:05

Instrument :

BNA_G

ClientSampleId :

TP14



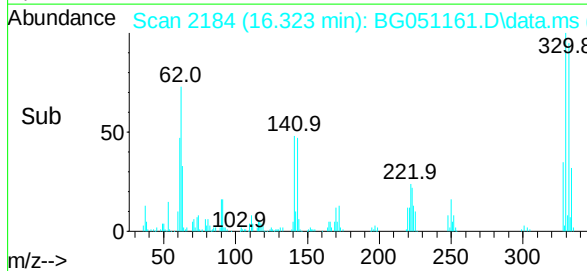
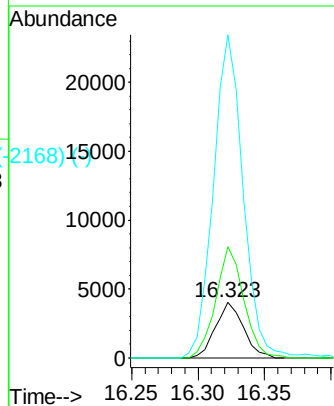
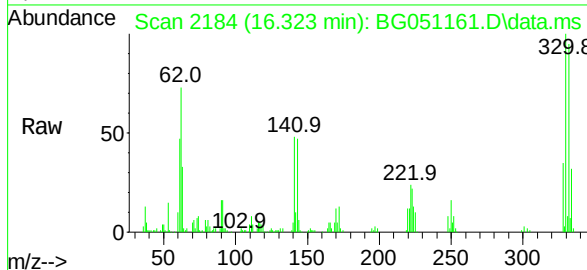
Tgt Ion:248 Resp: 5855

Ion Ratio Lower Upper

248 100

250 199.5 76.1 114.1#

141 579.3 65.4 98.2#



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

Chrysene-d12

Concen: 20.00 ng

RT: 21.881 min Scan# 3130

Delta R.T. -0.002 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

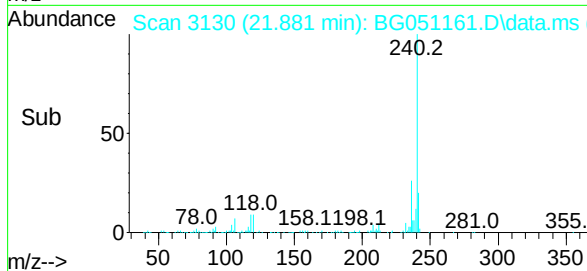
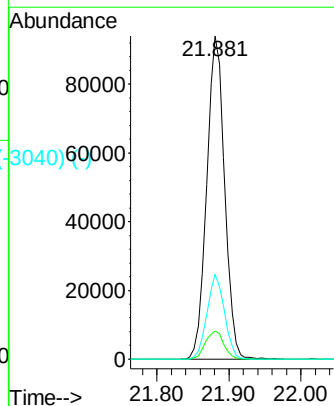
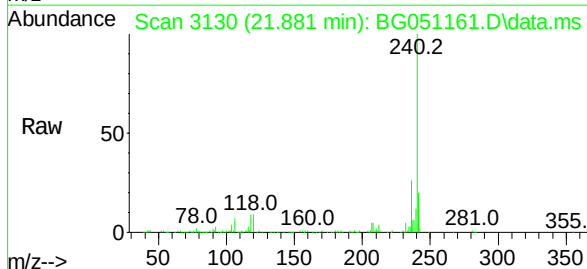
Tgt Ion:240 Resp: 162198

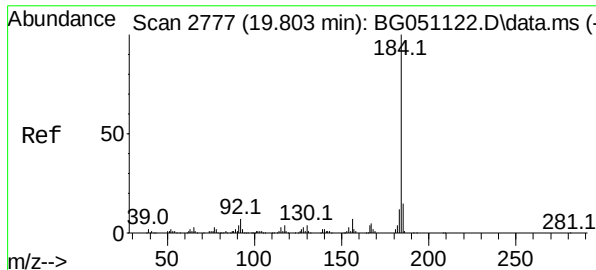
Ion Ratio Lower Upper

240 100

120 8.6 4.2 6.2#

236 26.3 21.8 32.6





Benzidine

Concen: 3.42 ng

RT: 20.171 min Scan# 2839

Delta R.T. 0.368 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

Instrument :

BNA_G

ClientSampleId :

TP14

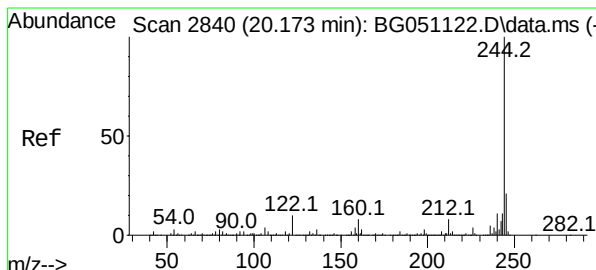
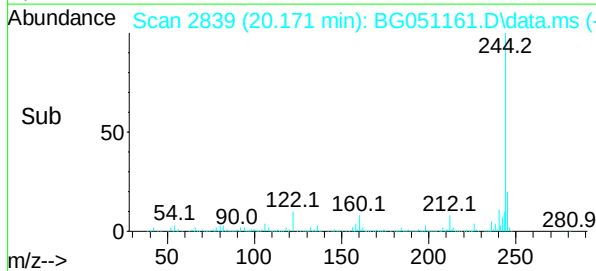
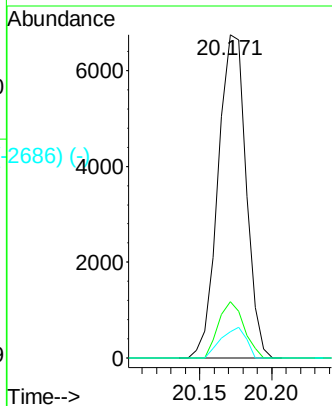
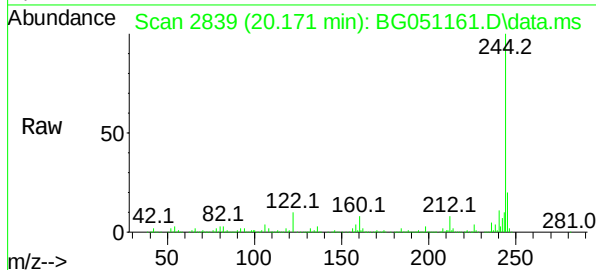
Tgt Ion:184 Resp: 9114

Ion Ratio Lower Upper

184 100

185 17.4 10.7 16.1#

183 8.0 9.4 14.0#



Terphenyl-d14

Concen: 61.70 ng

RT: 20.171 min Scan# 2839

Delta R.T. -0.002 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

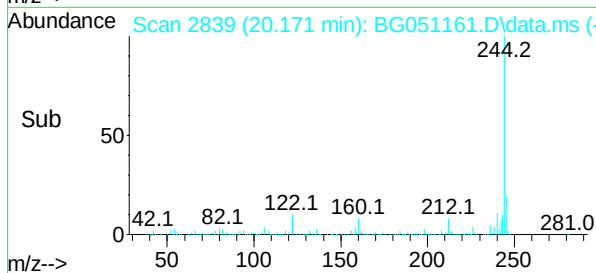
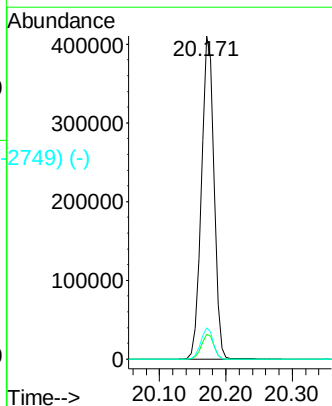
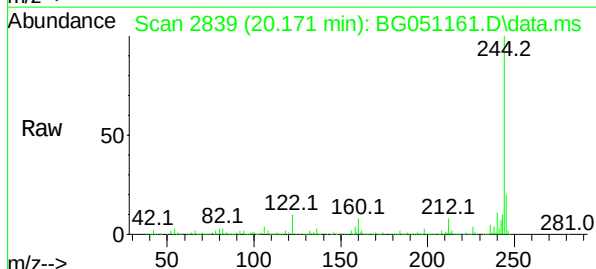
Tgt Ion:244 Resp: 547409

Ion Ratio Lower Upper

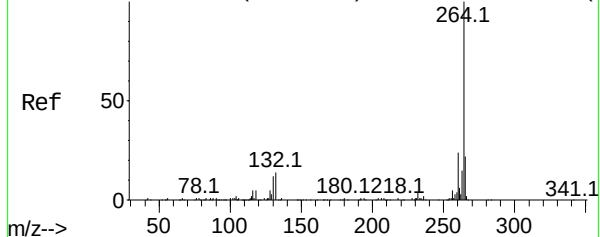
244 100

212 7.8 6.9 10.3

122 9.7 5.0 7.6#



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



Perylene-d12

Concen: 20.00 ng

RT: 25.277 min Scan# 3696

Delta R.T. -0.002 min

Lab File: BG051161.D

Acq: 21 Nov 2021 00:05

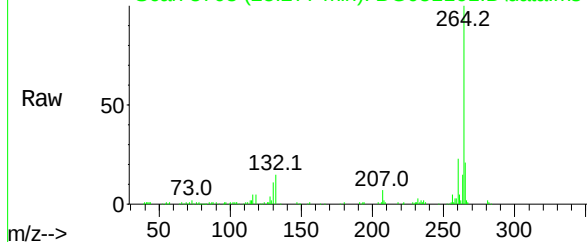
Instrument :

BNA_G

ClientSampleId :

TP14

Abundance Scan 3708 (25.277 min): BG051161.D\data.ms



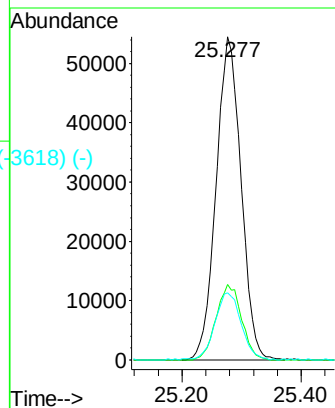
Tgt Ion:264 Resp: 157580

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 20.8 16.9 25.3



Abundance Scan 3708 (25.277 min): BG051161.D\data.ms (-3618) (-)

