

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051162.D
 Acq On : 21 Nov 2021 00:46
 Operator : CG/JU
 Sample : M4768-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-FIELD

Quant Time: Nov 22 01:28:17 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)

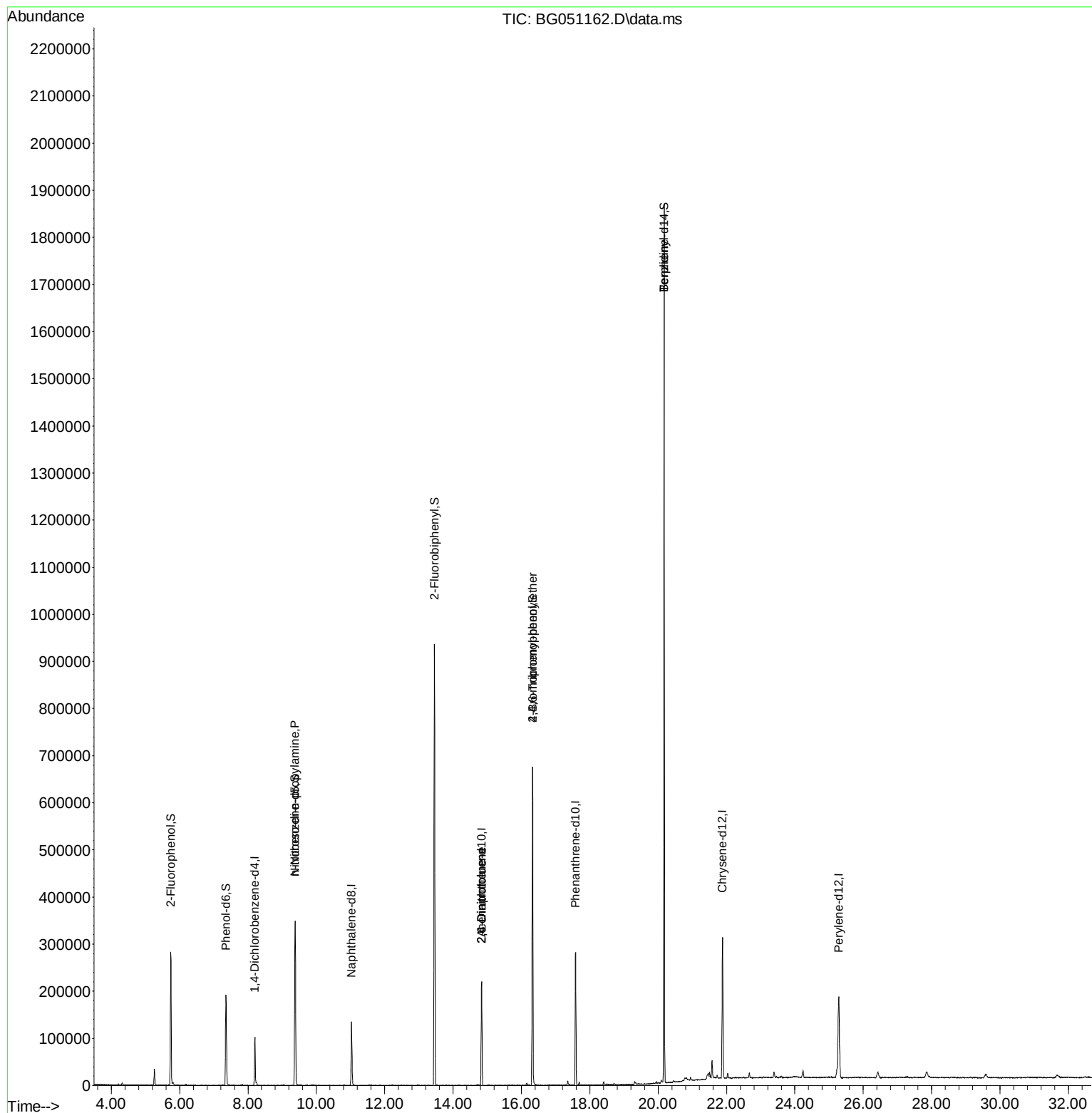
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	28575	20.00	ng	0.00
21) Naphthalene-d8	11.028	136	118963	20.00	ng	# 0.00
39) Acenaphthene-d10	14.836	164	77761	20.00	ng	0.00
64) Phenanthrene-d10	17.585	188	181162	20.00	ng	# 0.00
76) Chrysene-d12	21.880	240	187232	20.00	ng	# 0.00
86) Perylene-d12	25.282	264	182104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	125404	67.84	ng	0.00
7) Phenol-d6	7.356	99	115484	44.36	ng	0.00
23) Nitrobenzene-d5	9.377	82	235619	90.41	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	112955	136.67	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	471495	91.49	ng	0.00
79) Terphenyl-d14	20.176	244	874187	85.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.377	70	32234	16.77	ng	# 68
51) 2,6-Dinitrotoluene	14.830	165	9973	7.97	ng	# 10
57) 2,4-Dinitrotoluene	14.830	165	9973	5.56	ng	# 15
67) 4-Bromophenyl-phenylether	16.322	248	8769	4.48	ng	# 1
77) Benzidine	20.176	184	15628	5.08	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051162.D
Acq On : 21 Nov 2021 00:46
Operator : CG/JU
Sample : M4768-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SVOC-FIELD

Quant Time: Nov 22 01:28:17 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



Abundance Scan 804 (8.211 min): BG051122.D\data.ms (-796) #1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.202 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG051162.D

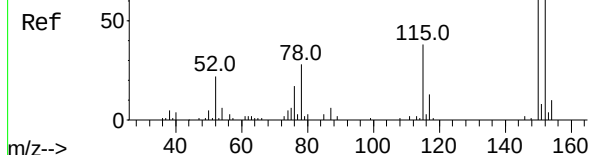
Acq: 21 Nov 2021 00:46

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD



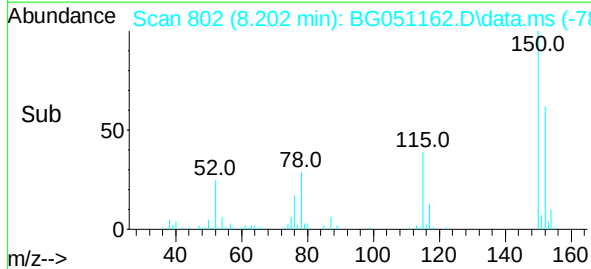
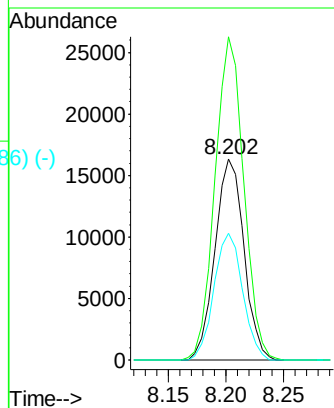
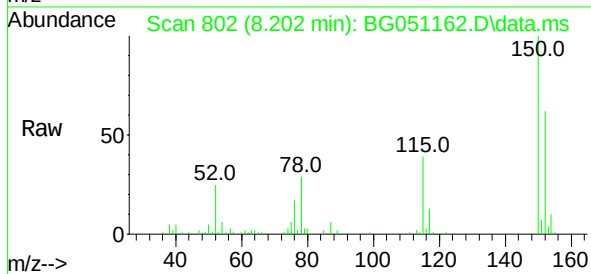
Tgt Ion:152 Resp: 28575

Ion Ratio Lower Upper

152 100

150 160.7 119.4 179.0

115 62.9 60.2 90.4



Abundance Scan 384 (5.743 min): BG051122.D\data.ms (-377) #5

2-Fluorophenol

Concen: 67.84 ng

RT: 5.740 min Scan# 383

Delta R.T. -0.003 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

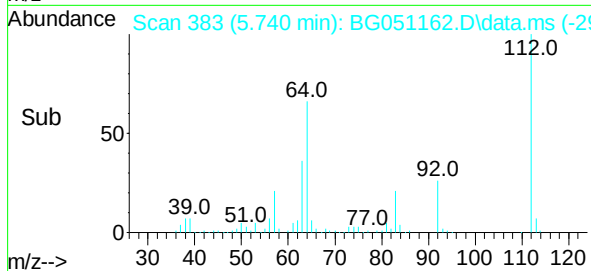
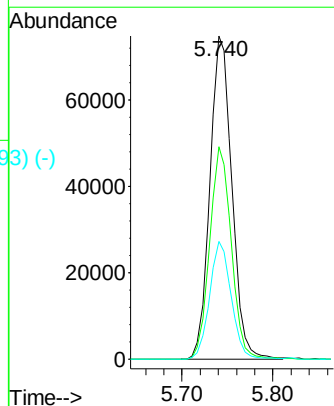
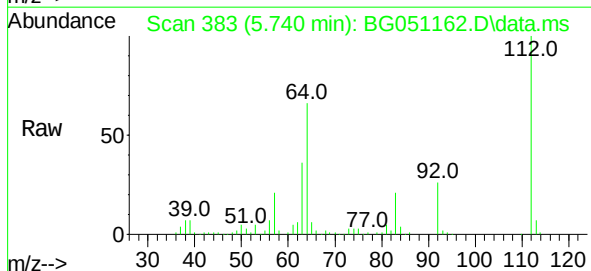
Tgt Ion:112 Resp: 125404

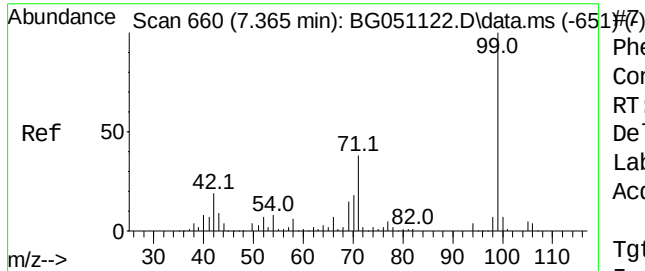
Ion Ratio Lower Upper

112 100

64 65.8 46.7 70.1

63 36.5 35.3 52.9

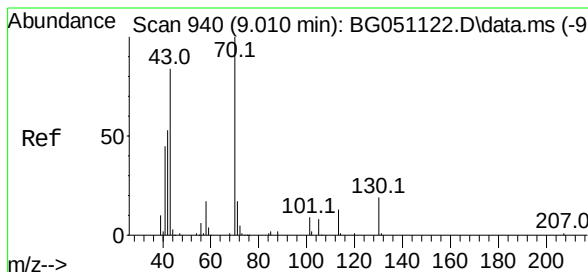
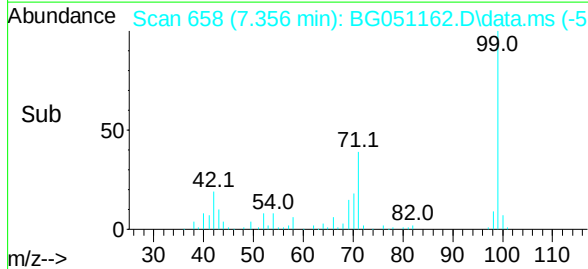
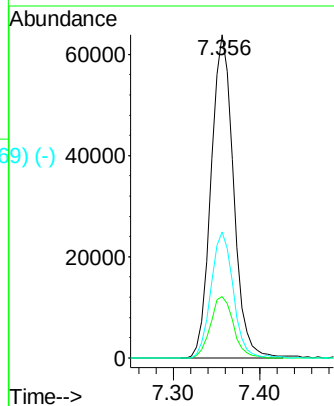
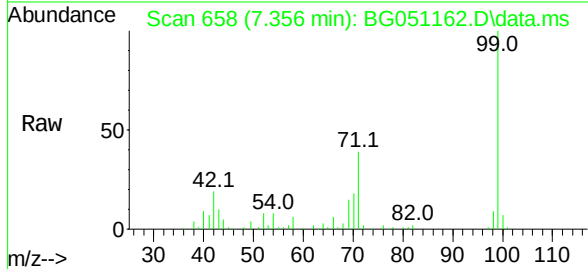




Phenol-d6
 Concen: 44.36 ng
 RT: 7.356 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BG051162.D
 Acq: 21 Nov 2021 00:46

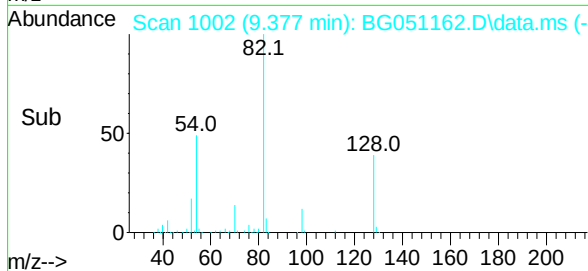
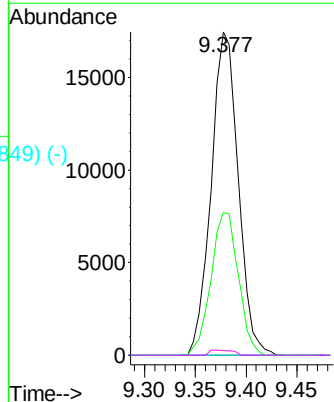
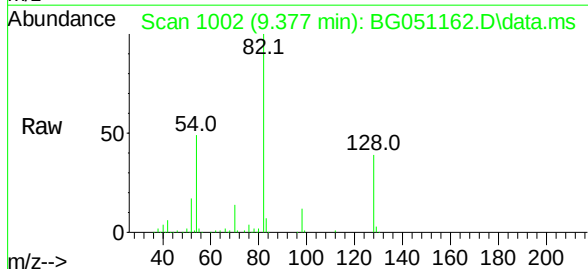
Instrument :
 BNA_G
 ClientSampleId :
 SVOC-FIELD

Tgt Ion:	99	Resp:	115484
Ion	Ratio	Lower	Upper
99	100		
42	19.0	20.5	30.7#
71	38.9	41.5	62.3#



n-Nitroso-di-n-propylamine
 Concen: 16.77 ng
 RT: 9.377 min Scan# 1002
 Delta R.T. 0.367 min
 Lab File: BG051162.D
 Acq: 21 Nov 2021 00:46

Tgt Ion:	70	Resp:	32234
Ion	Ratio	Lower	Upper
70	100		
42	44.1	54.5	81.7#
101	0.0	9.0	13.6#
130	1.4	17.0	25.6#



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

Naphthalene-d8

Concen: 20.00 ng

RT: 11.028 min Scan# 1285

Delta R.T. -0.009 min

Lab File: BG051162.D

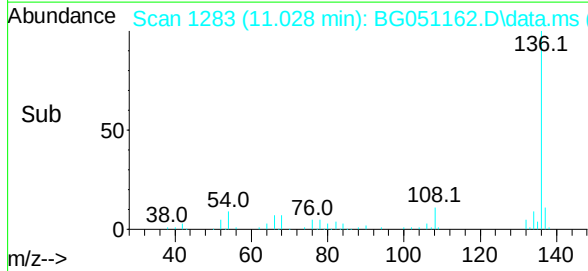
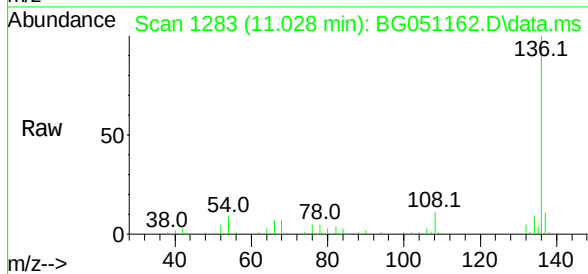
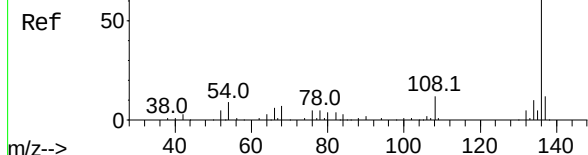
Acq: 21 Nov 2021 00:46

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD



Tgt Ion:136 Resp: 118963

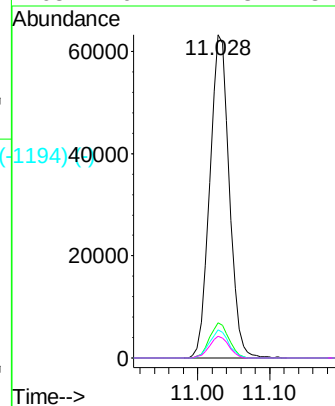
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 8.6 5.5 8.3#

68 6.7 2.3 3.5#



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

Nitrobenzene-d5

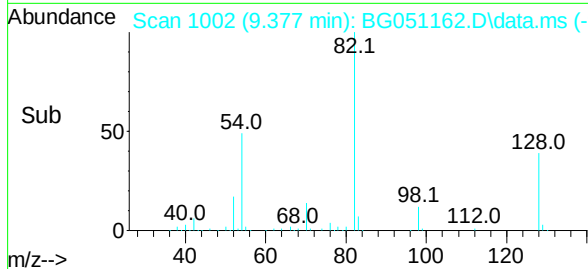
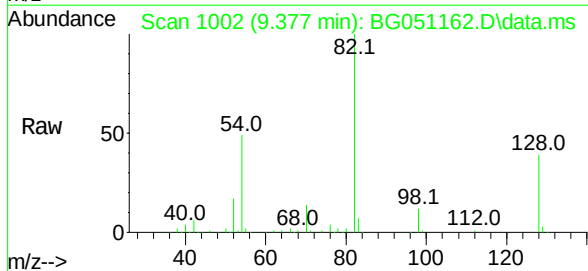
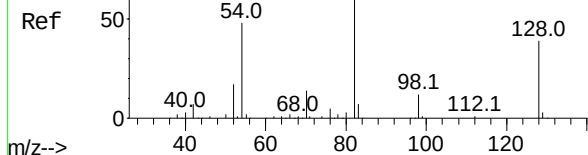
Concen: 90.41 ng

RT: 9.377 min Scan# 1002

Delta R.T. -0.009 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46



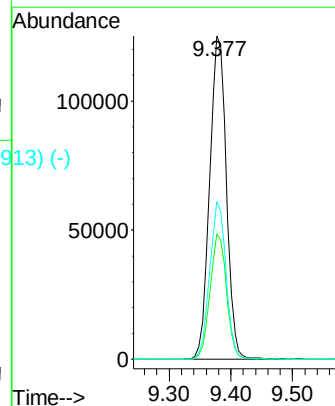
Tgt Ion: 82 Resp: 235619

Ion Ratio Lower Upper

82 100

128 38.8 29.8 44.6

54 48.7 45.8 68.8



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.836 min Scan#

Delta R.T. -0.002 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD

Tgt Ion:164 Resp: 77761

Ion Ratio Lower Upper

164 100

162 104.9 81.4 122.0

160 45.1 34.9 52.3

Abundance Scan 1931 (14.836 min): BG051162.D\data.ms

Ref 50

162.1

80.0

54.0

100.1

132.0

m/z-->

Abundance Scan 1931 (14.836 min): BG051162.D\data.ms (-1841) (-)

Ref 50

162.1

80.0

54.0

106.1

132.1

m/z-->

Abundance

50000

40000

30000

20000

10000

0

14.836

Time-->

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

2,4,6-Tribromophenol

Concen: 136.67 ng

RT: 16.322 min Scan# 2184

Delta R.T. -0.009 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

Tgt Ion:330 Resp: 112955

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

141 45.5 35.6 53.4

Abundance Scan 2184 (16.322 min): BG051162.D\data.ms

Ref 50

329.8

62.0

140.9

221.8

102.9

m/z-->

Abundance Scan 2184 (16.322 min): BG051162.D\data.ms (-2095) (-)

Ref 50

329.8

62.0

140.9

221.8

102.9

m/z-->

Abundance

60000

40000

20000

0

16.322

Time-->

Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 91.49 ng

RT: 13.455 min Scan# 1695

Delta R.T. -0.003 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD

Tgt Ion:172 Resp: 471495

Ion Ratio Lower Upper

172 100

171 37.4 28.6 43.0

170 24.8 18.6 27.8

Abundance Scan 1696 (13.455 min): BG051162.D\data.ms

172.1

39.0 63.0 85.0 120.0 151.0

m/z-->

Ref

50

0

40 60 80 100 120 140 160

Abundance Scan 1696 (13.455 min): BG051162.D\data.ms (-1606) (-)

172.1

39.0 63.0 85.0 120.0 151.0

m/z-->

Sub

50

0

40 60 80 100 120 140 160

Abundance

300000

200000

100000

0

13.40 13.50

Time-->

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

2,6-Dinitrotoluene

Concen: 7.97 ng

RT: 14.830 min Scan# 1930

Delta R.T. 0.414 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

Tgt Ion:165 Resp: 9973

Ion Ratio Lower Upper

165 100

63 0.0 63.3 94.9#

89 0.0 63.4 95.0#

Abundance Scan 1930 (14.830 min): BG051162.D\data.ms

162.1

54.0 80.0 106.0 132.0

m/z-->

Ref

50

0

40 60 80 100 120 140 160

Abundance Scan 1930 (14.830 min): BG051162.D\data.ms (-1769) (-)

162.1

54.0 80.0 106.0 132.0

m/z-->

Sub

50

0

40 60 80 100 120 140 160

Abundance

6000

4000

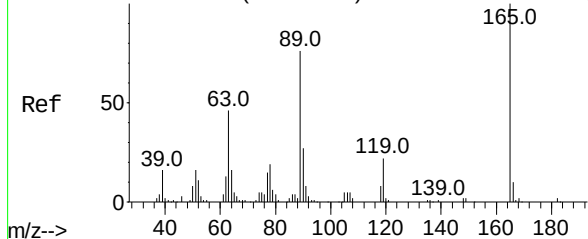
2000

0

14.80 14.85

Time-->

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



2,4-Dinitrotoluene

Concen: 5.56 ng

RT: 14.830 min Scan# 1957

Delta R.T. -0.373 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD

Tgt Ion:165 Resp: 9973

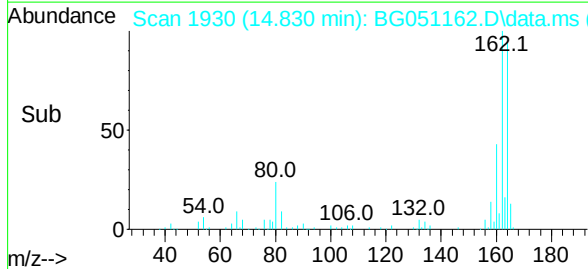
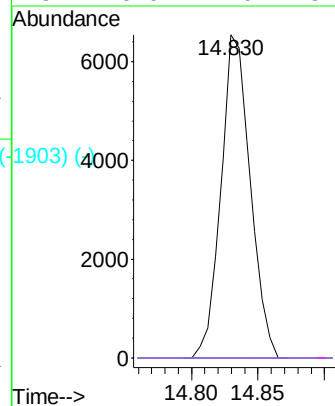
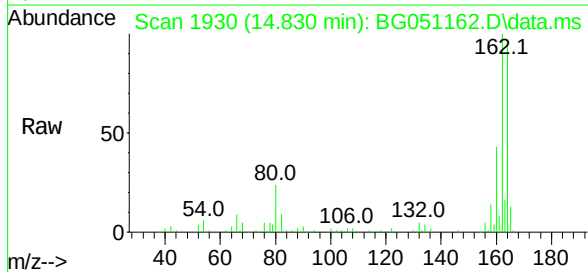
Ion Ratio Lower Upper

165 100

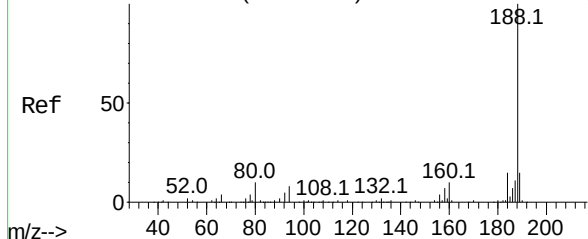
63 0.0 48.0 72.0#

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: 17.585 min Scan# 2399

Delta R.T. -0.003 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

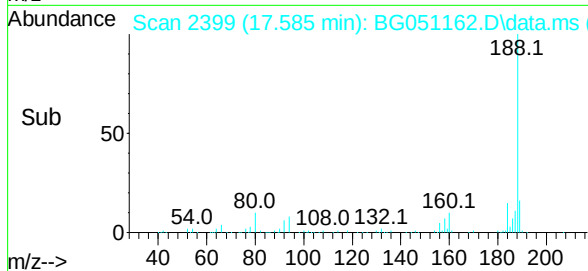
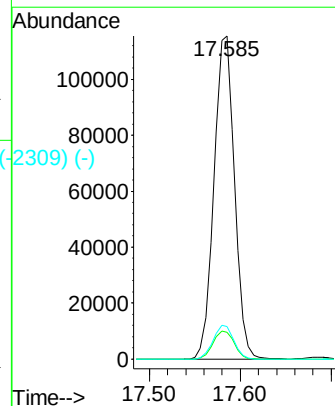
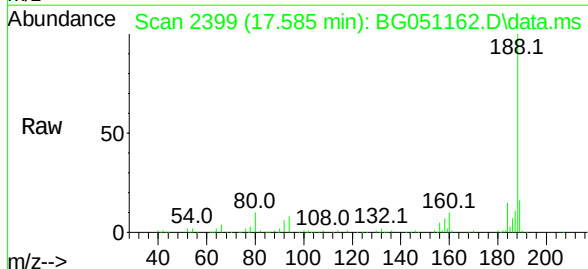
Tgt Ion:188 Resp: 181162

Ion Ratio Lower Upper

188 100

94 8.3 5.4 8.0#

80 10.0 3.7 5.5#



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

4-Bromophenyl-phenylether

Concen: 4.48 ng

RT: 16.322 min Scan# 2184

Delta R.T. -0.438 min

Lab File: BG051162.D

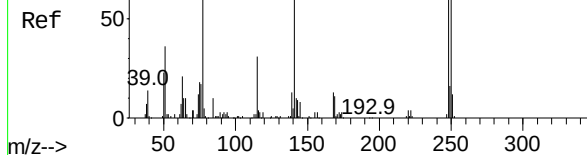
Acq: 21 Nov 2021 00:46

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD



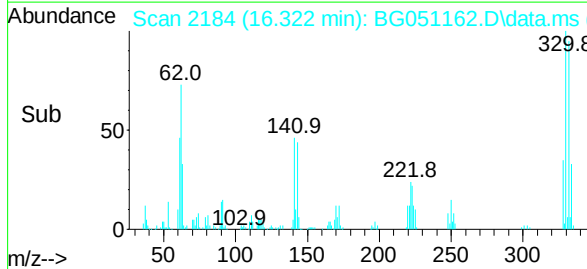
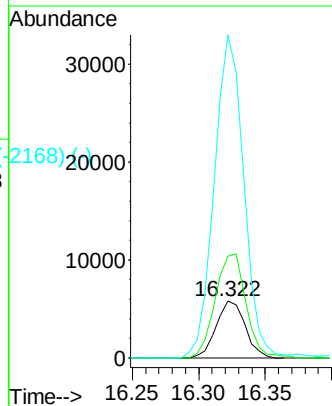
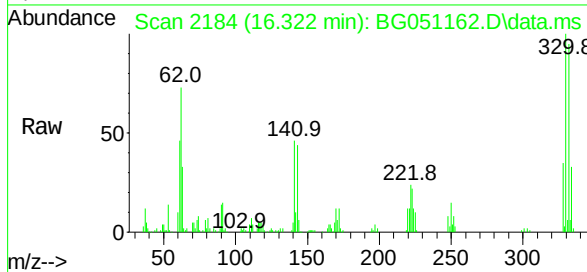
Tgt Ion:248 Resp: 8769

Ion Ratio Lower Upper

248 100

250 178.6 76.1 114.1#

141 566.7 65.4 98.2#



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

Chrysene-d12

Concen: 20.00 ng

RT: 21.880 min Scan# 3130

Delta R.T. -0.003 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

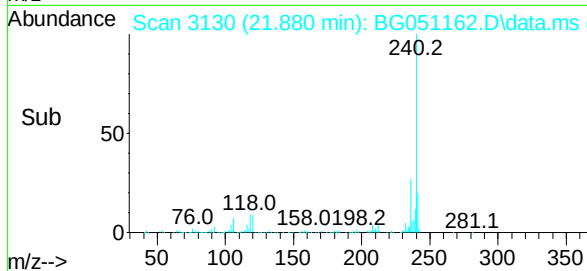
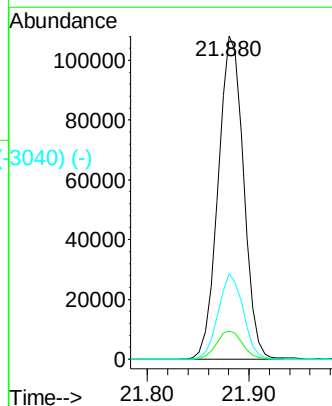
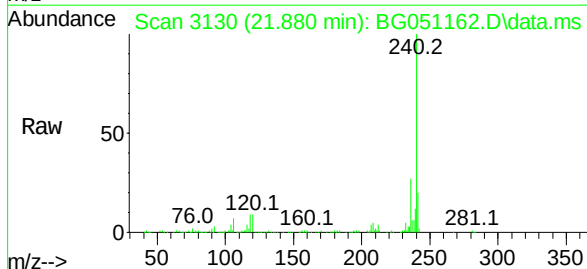
Tgt Ion:240 Resp: 187232

Ion Ratio Lower Upper

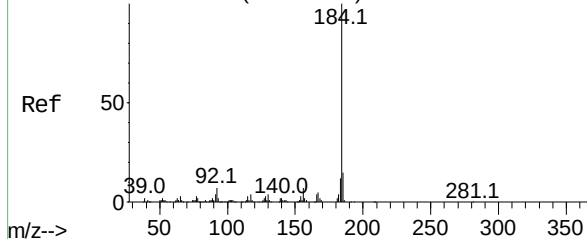
240 100

120 8.8 4.2 6.2#

236 26.5 21.8 32.6



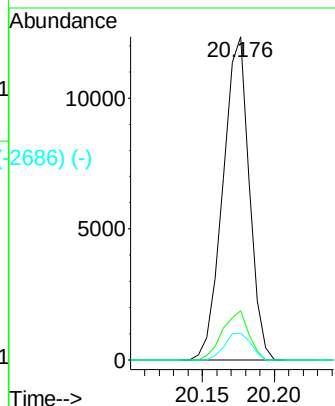
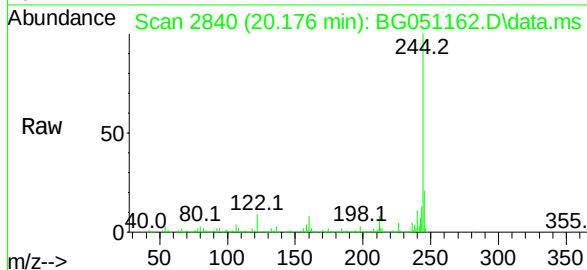
Abundance Scan 2777 (19.803 min): BG051122.D\data.ms (-2#70) (-)



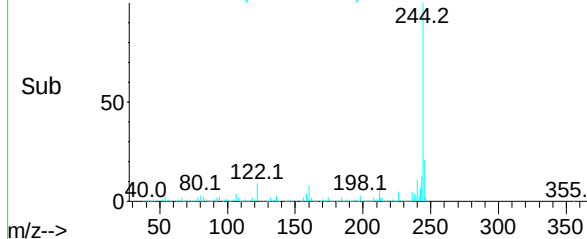
Benzidine
Concen: 5.08 ng
RT: 20.176 min Scan# 2840
Delta R.T. 0.373 min
Lab File: BG051162.D
Acq: 21 Nov 2021 00:46

Instrument :
BNA_G
ClientSampleId :
SVOC-FIELD

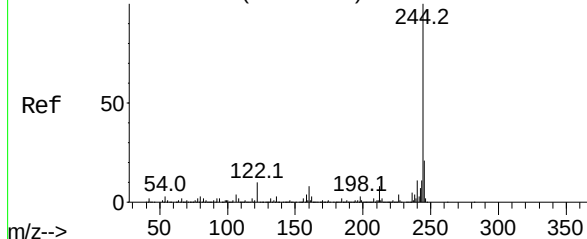
Tgt Ion:184 Resp: 15628
Ion Ratio Lower Upper
184 100
185 15.3 10.7 16.1
183 8.4 9.4 14.0#



Abundance Scan 2840 (20.176 min): BG051162.D\data.ms (-2686) (-)

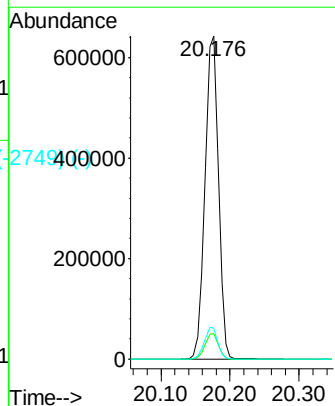
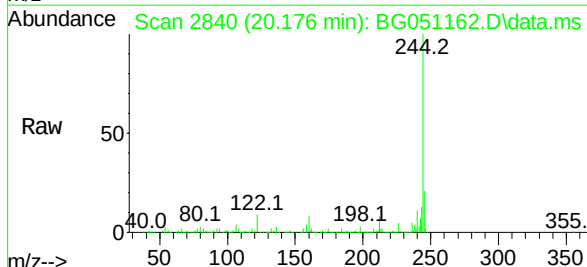


Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2679) (-)

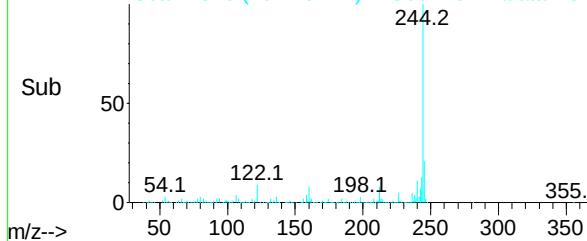


Terphenyl-d14
Concen: 85.35 ng
RT: 20.176 min Scan# 2840
Delta R.T. 0.003 min
Lab File: BG051162.D
Acq: 21 Nov 2021 00:46

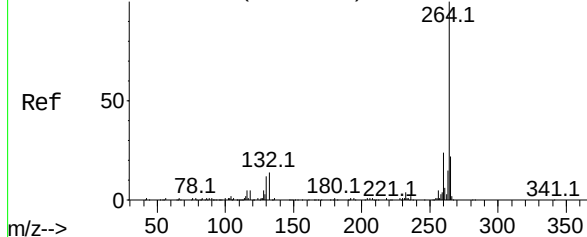
Tgt Ion:244 Resp: 874187
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.5 5.0 7.6#



Abundance Scan 2840 (20.176 min): BG051162.D\data.ms (-2749) (-)



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



Perylene-d12

Concen: 20.00 ng

RT: 25.282 min Scan# 3709

Delta R.T. 0.003 min

Lab File: BG051162.D

Acq: 21 Nov 2021 00:46

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD

Tgt Ion:264 Resp: 182104

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.8 16.9 25.3

