

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051154.D
 Acq On : 20 Nov 2021 19:17
 Operator : CG/JU
 Sample : M4724-29
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-132-1

Quant Time: Nov 22 01:25:56 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)

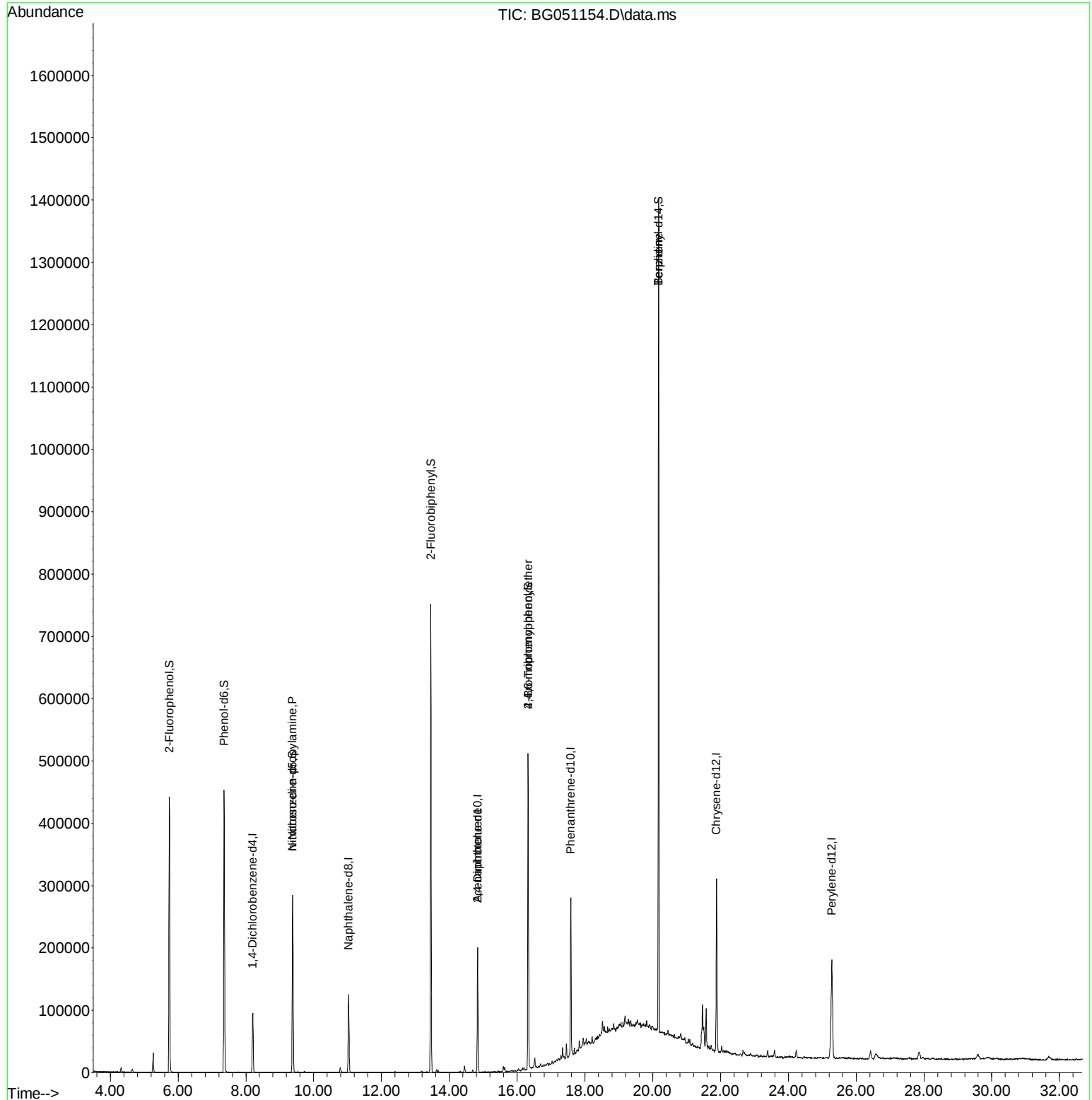
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	27111	20.00	ng	0.00
21) Naphthalene-d8	11.029	136	112067	20.00	ng	# 0.00
39) Acenaphthene-d10	14.836	164	73028	20.00	ng	0.00
64) Phenanthrene-d10	17.580	188	157240	20.00	ng	# 0.00
76) Chrysene-d12	21.881	240	170654	20.00	ng	# 0.00
86) Perylene-d12	25.283	264	171340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	198572	113.22	ng	0.00
7) Phenol-d6	7.357	99	265840	107.62	ng	0.00
23) Nitrobenzene-d5	9.378	82	185722	75.65	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	83558	107.65	ng	0.00
45) 2-Fluorobiphenyl	13.456	172	373513	77.18	ng	0.00
79) Terphenyl-d14	20.171	244	624163	66.86	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.378	70	25310	13.88	ng	# 68
57) 2,4-Dinitrotoluene	14.836	165	9674	5.75	ng	# 15
67) 4-Bromophenyl-phenylether	16.323	248	6365	3.74	ng	# 1
77) Benzidine	20.171	184	11007	3.93	ng	# 89

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

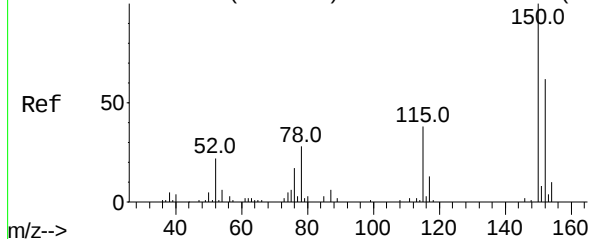
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051154.D
Acq On : 20 Nov 2021 19:17
Operator : CG/JU
Sample : M4724-29
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-132-1

Quant Time: Nov 22 01:25:56 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) #4



1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.203 min Scan# 8

Delta R.T. -0.008 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17

Instrument :

BNA_G

ClientSampleId :

T-132-1

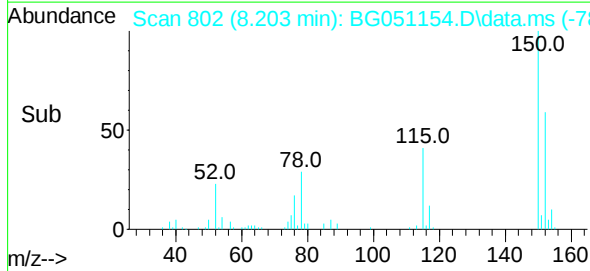
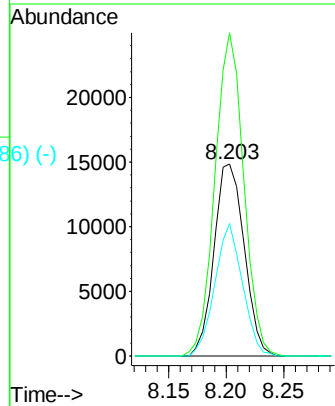
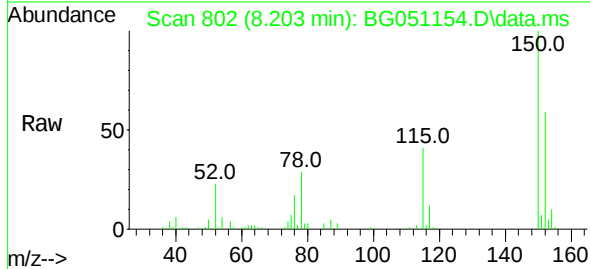
Tgt Ion:152 Resp: 27111

Ion Ratio Lower Upper

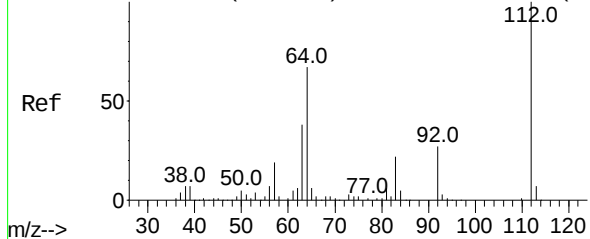
152 100

150 168.2 119.4 179.0

115 68.9 60.2 90.4



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



2-Fluorophenol

Concen: 113.22 ng

RT: 5.741 min Scan# 383

Delta R.T. -0.002 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17

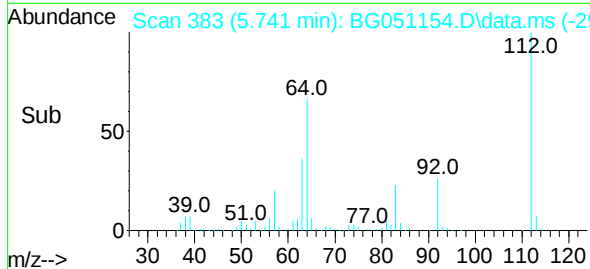
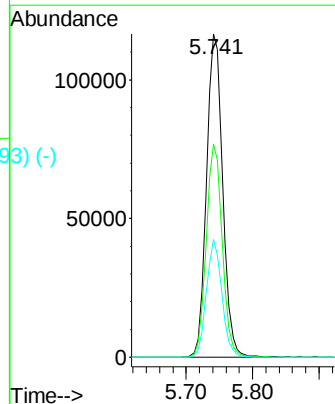
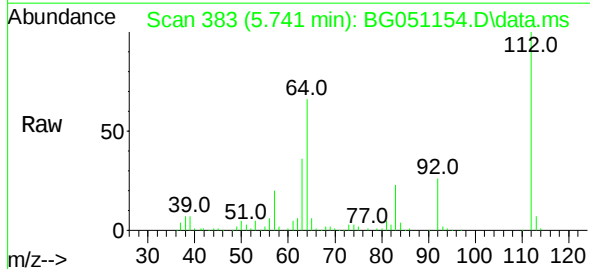
Tgt Ion:112 Resp: 198572

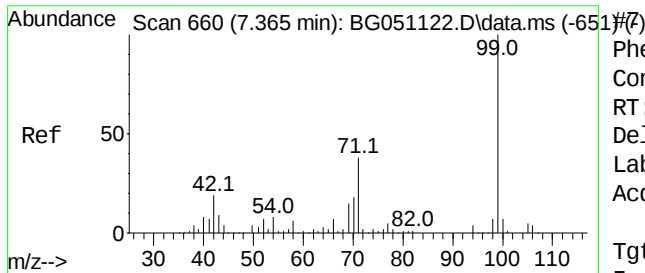
Ion Ratio Lower Upper

112 100

64 66.0 46.7 70.1

63 36.4 35.3 52.9

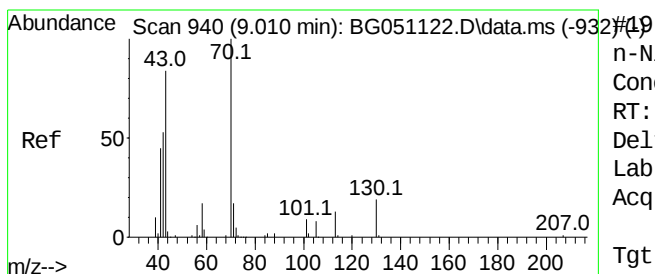
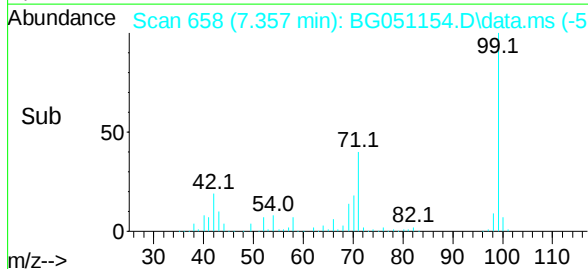
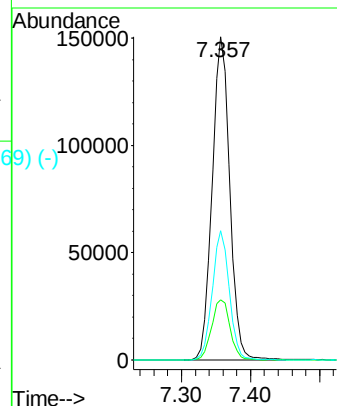
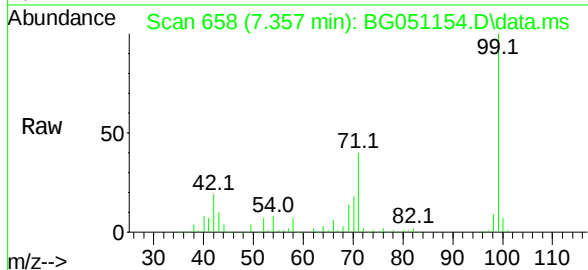




Phenol-d6
 Concen: 107.62 ng
 RT: 7.357 min Scan# 1
 Delta R.T. -0.008 min
 Lab File: BG051154.D
 Acq: 20 Nov 2021 19:17

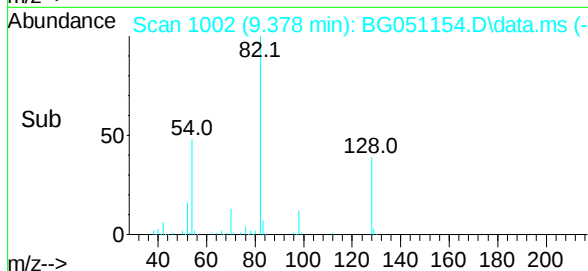
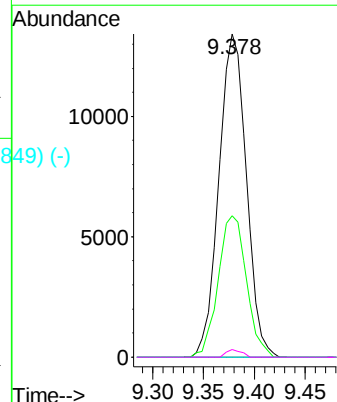
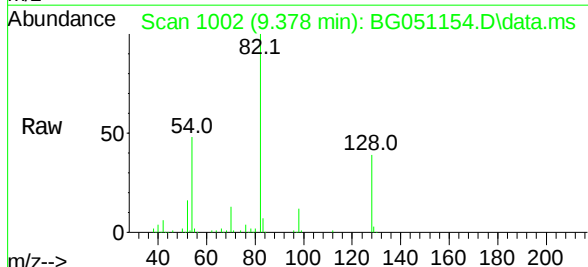
Instrument :
 BNA_G
 ClientSampleId :
 T-132-1

Tgt Ion:	99	Resp:	265840
Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.5	30.7#
71	40.1	41.5	62.3#



n-Nitroso-di-n-propylamine
 Concen: 13.88 ng
 RT: 9.378 min Scan# 1002
 Delta R.T. 0.368 min
 Lab File: BG051154.D
 Acq: 20 Nov 2021 19:17

Tgt Ion:	70	Resp:	25310
Ion	Ratio	Lower	Upper
70	100		
42	43.7	54.5	81.7#
101	0.0	9.0	13.6#
130	2.3	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: BG051154.D

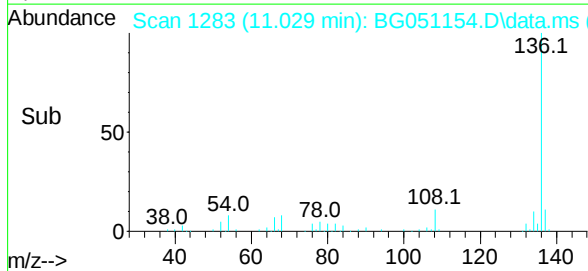
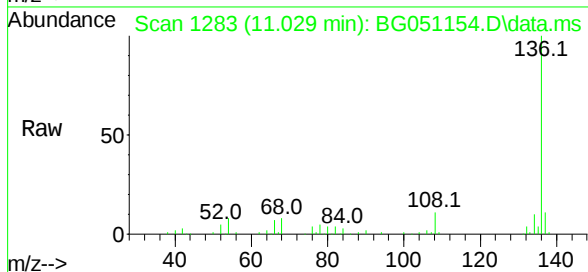
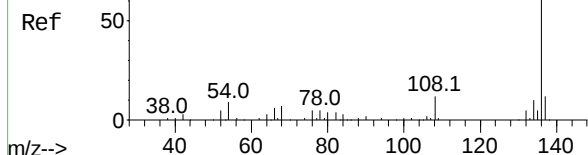
Acq: 20 Nov 2021 19:17

Instrument :

BNA_G

ClientSampleId :

T-132-1



Tgt Ion:136 Resp: 112067

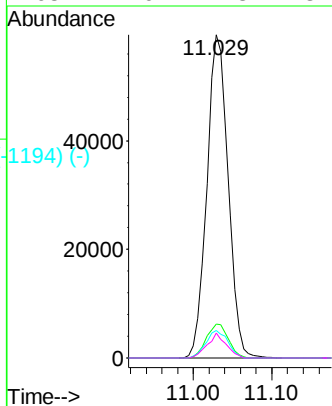
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 8.4 5.5 8.3#

68 7.6 2.3 3.5#



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

Nitrobenzene-d5

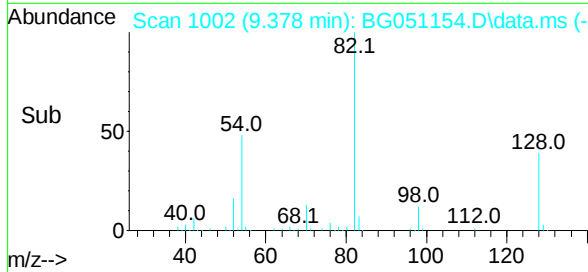
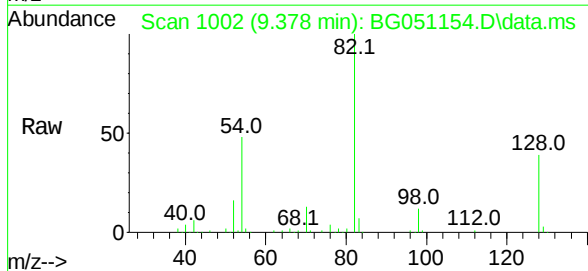
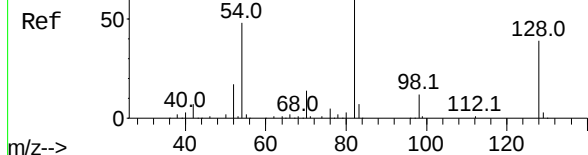
Concen: 75.65 ng

RT: 9.378 min Scan# 1002

Delta R.T. -0.008 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17



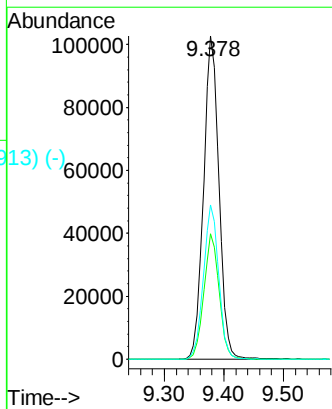
Tgt Ion: 82 Resp: 185722

Ion Ratio Lower Upper

82 100

128 38.9 29.8 44.6

54 47.8 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# 1931

Delta R.T. -0.002 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17

Instrument :

BNA_G

ClientSampleId :

T-132-1

Tgt Ion:164 Resp: 73028

Ion Ratio Lower Upper

164 100

162 107.4 81.4 122.0

160 45.0 34.9 52.3

Abundance Scan 1931 (14.836 min): BG051154.D\data.ms

Ref 50

162.1

80.0

54.1

108.1

132.1

m/z-->

Abundance Scan 1931 (14.836 min): BG051154.D\data.ms (-1841) (-)

Ref 50

162.1

80.0

54.1

108.1

132.1

m/z-->

Abundance

14.836

40000

30000

20000

10000

0

Time-->

14.80

14.90

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

2,4,6-Tribromophenol

Concen: 107.65 ng

RT: 16.323 min Scan# 2184

Delta R.T. -0.008 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17

Tgt Ion:330 Resp: 83558

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 45.8 35.6 53.4

Abundance Scan 2184 (16.323 min): BG051154.D\data.ms

Ref 50

329.8

62.0

140.9

221.8

102.9

m/z-->

Abundance Scan 2184 (16.323 min): BG051154.D\data.ms (-2095) (-)

Ref 50

329.8

62.0

140.9

221.8

102.9

m/z-->

Abundance

16.323

50000

40000

30000

20000

10000

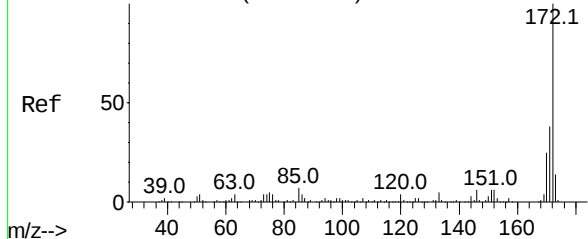
0

Time-->

16.30

16.40

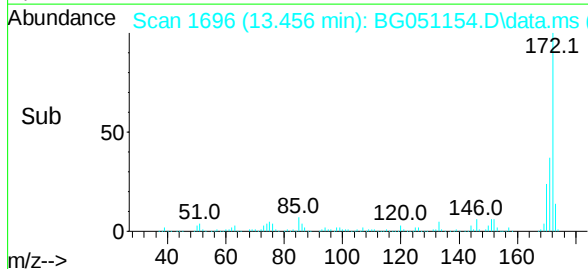
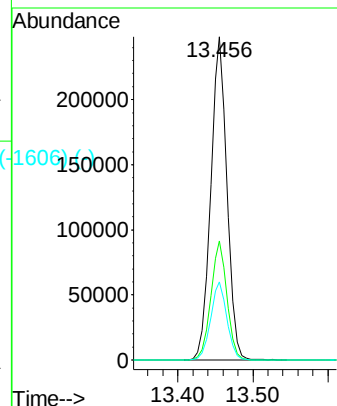
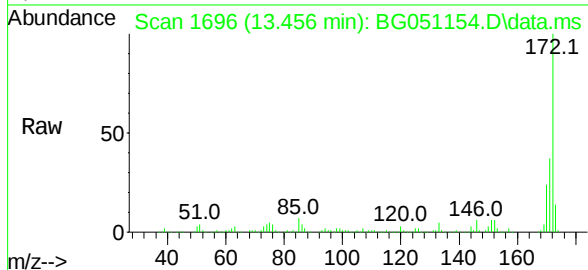
Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1685) (-)



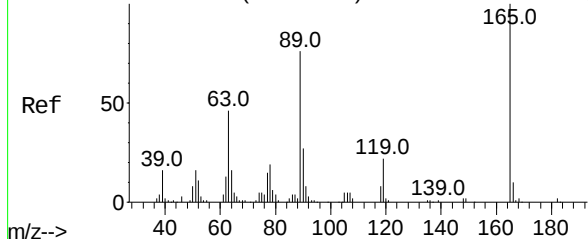
2-Fluorobiphenyl
Concen: 77.18 ng
RT: 13.456 min Scan# 1696
Delta R.T. -0.002 min
Lab File: BG051154.D
Acq: 20 Nov 2021 19:17

Instrument :
BNA_G
ClientSampleId :
T-132-1

Tgt Ion:	172	Resp:	373513
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.1	18.6	27.8

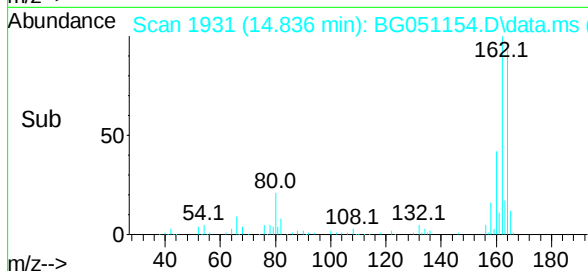
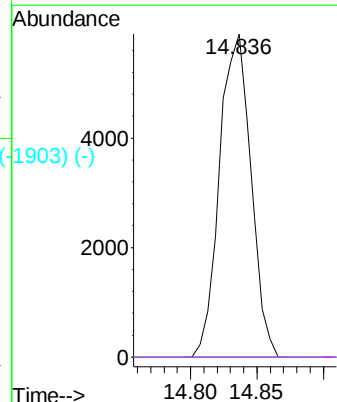
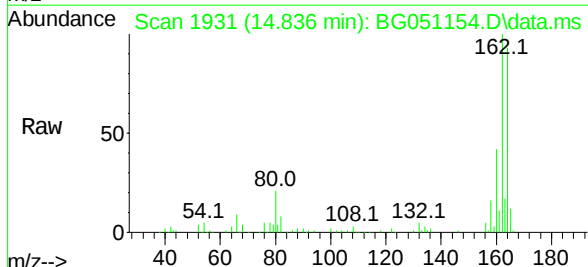


Abundance Scan 1994 (15.203 min): BG051122.D\data.ms (-1957) (-)



2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 14.836 min Scan# 1931
Delta R.T. -0.366 min
Lab File: BG051154.D
Acq: 20 Nov 2021 19:17

Tgt Ion:	165	Resp:	9674
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# 2184

Delta R.T. -0.008 min

Lab File: BG051154.D

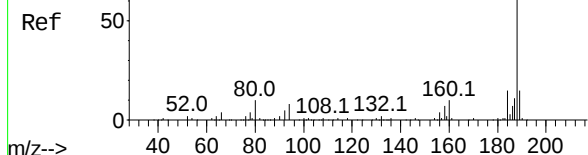
Acq: 20 Nov 2021 19:17

Instrument :

BNA_G

ClientSampleId :

T-132-1



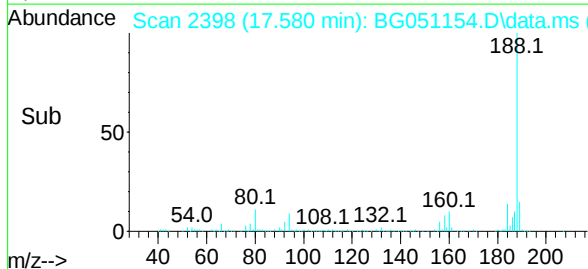
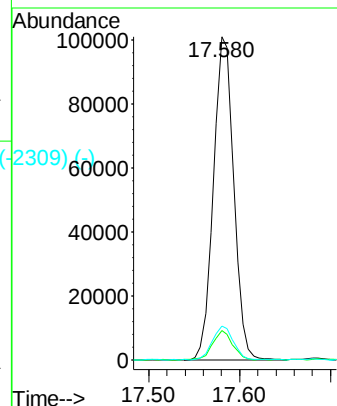
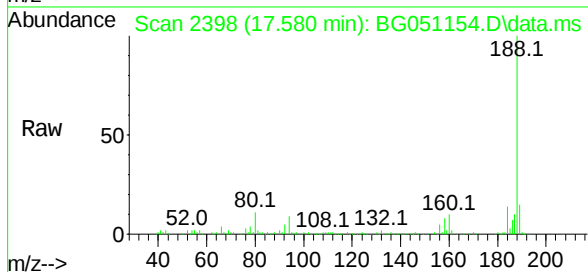
Tgt Ion:188 Resp: 157240

Ion Ratio Lower Upper

188 100

94 9.0 5.4 8.0#

80 10.5 3.7 5.5#



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2367) (-)

4-Bromophenyl-phenylether

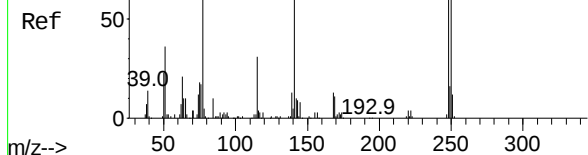
Concen: 3.74 ng

RT: 16.323 min Scan# 2184

Delta R.T. -0.437 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17



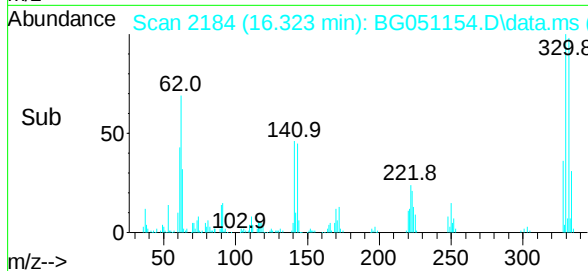
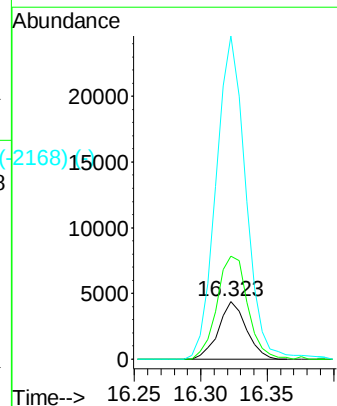
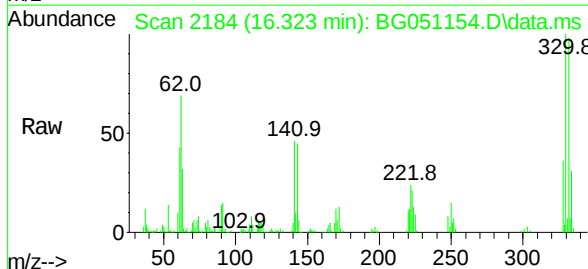
Tgt Ion:248 Resp: 6365

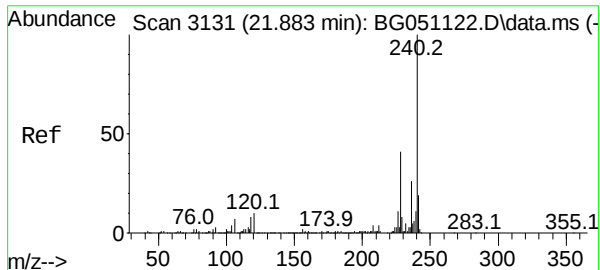
Ion Ratio Lower Upper

248 100

250 179.2 76.1 114.1#

141 560.7 65.4 98.2#

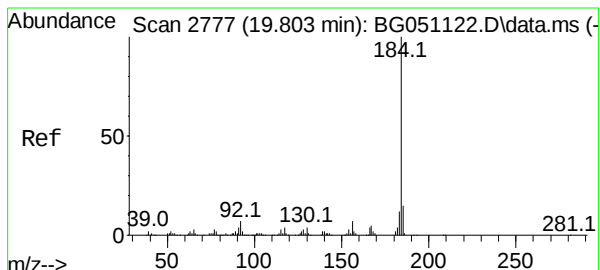
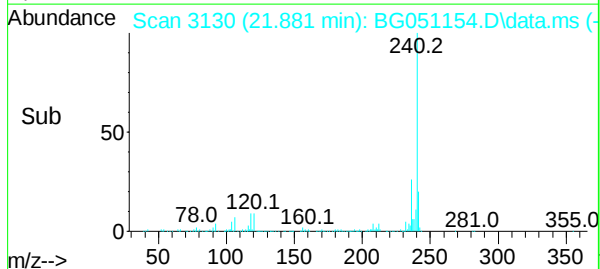
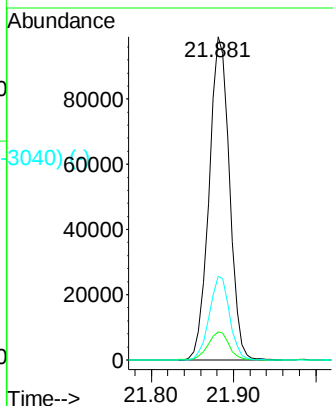
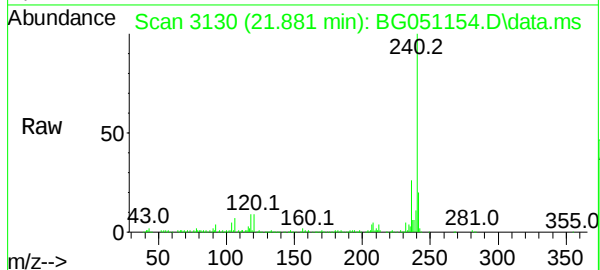




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.881 min Scan# 3131
 Delta R.T. -0.002 min
 Lab File: BG051154.D
 Acq: 20 Nov 2021 19:17

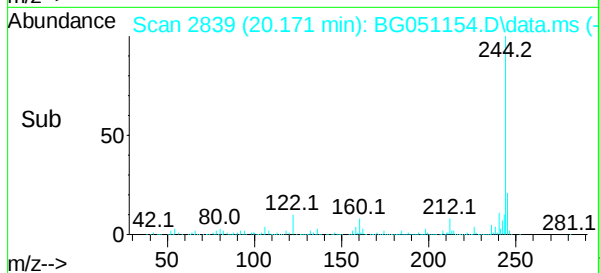
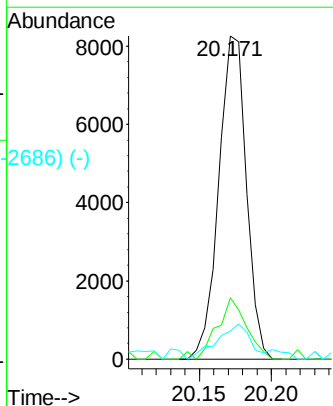
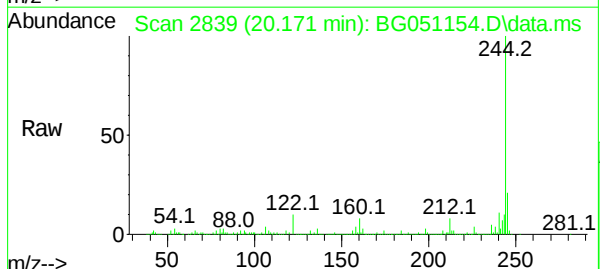
Instrument :
 BNA_G
 ClientSampleId :
 T-132-1

Tgt Ion:	240	Resp:	170654
Ion	Ratio	Lower	Upper
240	100		
120	8.7	4.2	6.2#
236	26.0	21.8	32.6

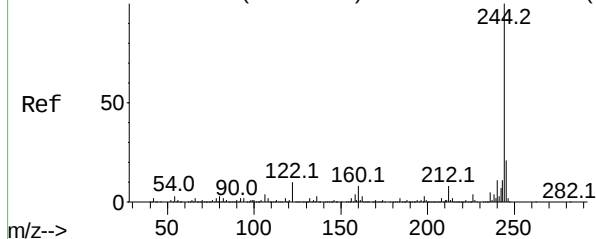


Benzidine
 Concen: 3.93 ng
 RT: 20.171 min Scan# 2839
 Delta R.T. 0.368 min
 Lab File: BG051154.D
 Acq: 20 Nov 2021 19:17

Tgt Ion:	184	Resp:	11007
Ion	Ratio	Lower	Upper
184	100		
185	19.0	10.7	16.1#
183	8.6	9.4	14.0#



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2639) (-)



Terphenyl-d14

Concen: 66.86 ng

RT: 20.171 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17

Instrument :

BNA_G

ClientSampleId :

T-132-1

Tgt Ion:244 Resp: 624163

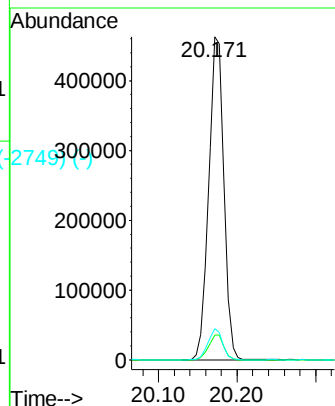
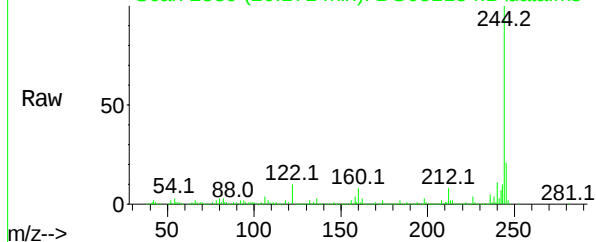
Ion Ratio Lower Upper

244 100

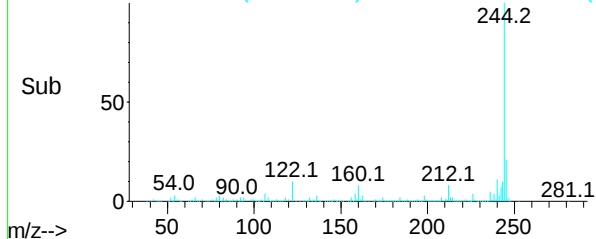
212 7.7 6.9 10.3

122 9.7 5.0 7.6#

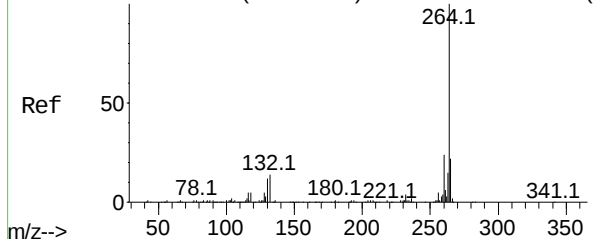
Abundance Scan 2839 (20.171 min): BG051154.D\data.ms



Abundance Scan 2839 (20.171 min): BG051154.D\data.ms (-2749) (-)



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



Perylene-d12

Concen: 20.00 ng

RT: 25.283 min Scan# 3709

Delta R.T. 0.004 min

Lab File: BG051154.D

Acq: 20 Nov 2021 19:17

Tgt Ion:264 Resp: 171340

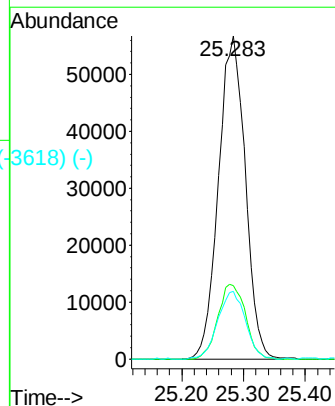
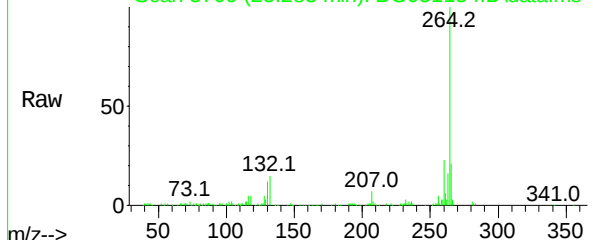
Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 20.9 16.9 25.3

Abundance Scan 3709 (25.283 min): BG051154.D\data.ms



Abundance Scan 3709 (25.283 min): BG051154.D\data.ms (-3618) (-)

