

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052444.D
 Acq On : 21 Feb 2022 19:23
 Operator : CG/JU
 Sample : N1600-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Quant Time: Feb 22 00:54:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

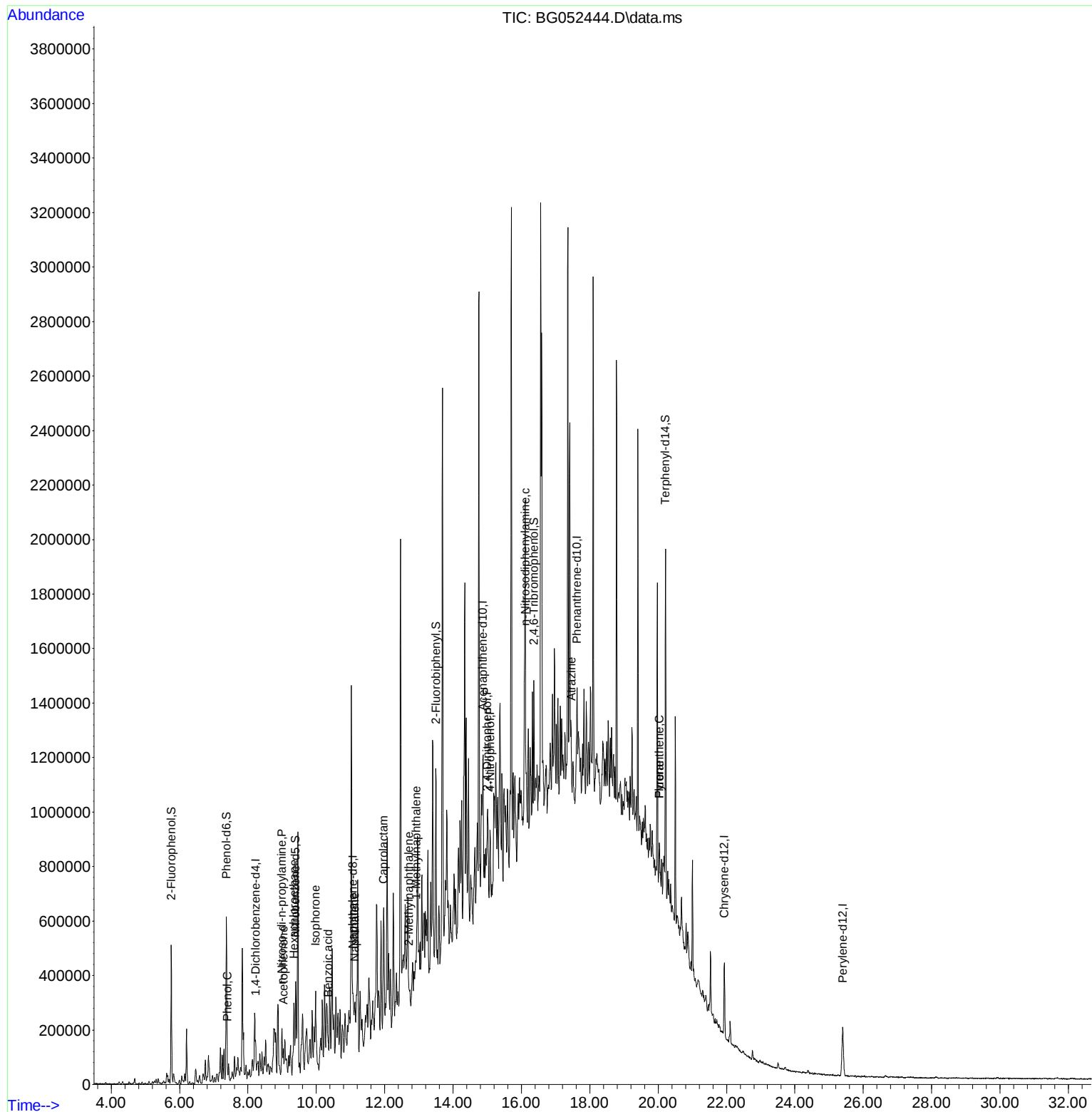
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	35782	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	132529	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	85641	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	172621	20.000	ng	# 0.00
76) Chrysene-d12	21.935	240	177737	20.000	ng	0.00
86) Perylene-d12	25.395	264	202016	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	207472	101.055	ng	0.00
7) Phenol-d6	7.373	99	282144	89.067	ng	0.00
23) Nitrobenzene-d5	9.394	82	201669	66.135	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	109370	88.892	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	397215	64.448	ng	0.00
79) Terphenyl-d14	20.214	244	611359	60.740	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.396	94	6573	2.088	ng	82
18) Hexachloroethane	9.347	117	17850	19.569	ng	# 1
19) n-Nitroso-di-n-propyla...	8.988	70	5391	2.257	ng	# 58
22) Acetophenone	9.035	105	52051	14.860	ng	# 54
25) Isophorone	9.975	82	28361	5.466	ng	# 1
31) Naphthalene	11.121	128	16269	2.342	ng	# 55
32) Benzoic acid	10.345	122	119	6.065	ng	# 1
35) Caprolactam	11.961	113	5342	6.737	ng	# 1
37) 2-Methylnaphthalene	12.713	142	31887	6.179	ng	# 92
38) 1-Methylnaphthalene	12.930	142	26177	5.235	ng	# 96
54) 2,4-Dinitrophenol	14.998	184	75	4.982	ng	# 1
56) 4-Nitrophenol	15.080	139	5491	4.969	ng	# 5
66) n-Nitrosodiphenylamine	16.120	169	32089	6.747	ng	# 51
69) Atrazine	17.459	200	11688	6.078	ng	75
75) Fluoranthene	20.032	202	56658	5.000	ng	80
78) Pyrene	20.032	202	56658	4.764	ng	# 89

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

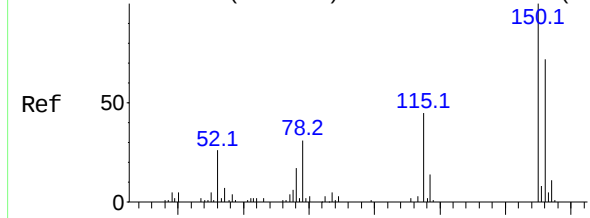
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
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Abundance Scan 806 (8.223 min): BG052305.D\data.ms (-799)#4



1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.225 min Scan# 8

Delta R.T. 0.002 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

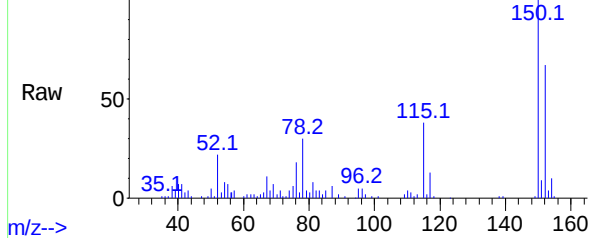
BNA_G

ClientSampleId :

C0AA1

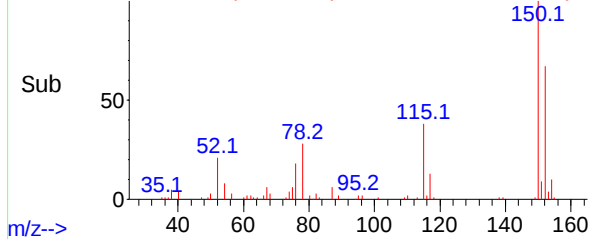
m/z-->

Abundance Scan 806 (8.225 min): BG052444.D\data.ms



m/z-->

Abundance Scan 806 (8.225 min): BG052444.D\data.ms (-789) (-)



m/z-->

Tgt Ion:152 Resp: 35782

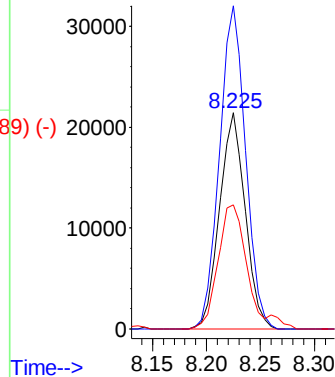
Ion Ratio Lower Upper

152 100

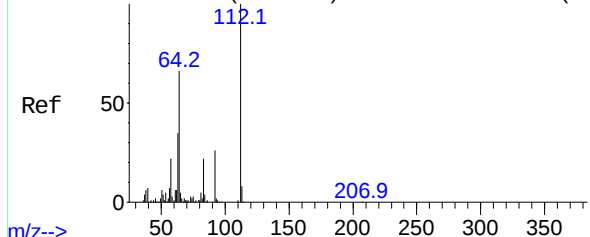
150 149.4 117.8 176.8

115 57.5 50.2 75.2

Abundance



Abundance Scan 385 (5.750 min): BG052305.D\data.ms (-377)#5



2-Fluorophenol

Concen: 101.055 ng

RT: 5.757 min Scan# 386

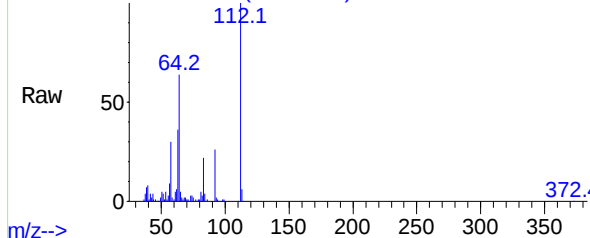
Delta R.T. 0.007 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

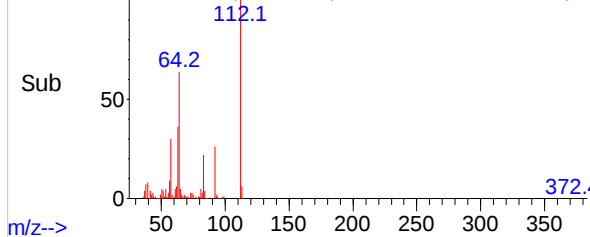
m/z-->

Abundance Scan 386 (5.757 min): BG052444.D\data.ms



m/z-->

Abundance Scan 386 (5.757 min): BG052444.D\data.ms (-295) (-)



m/z-->

Tgt Ion:112 Resp: 207472

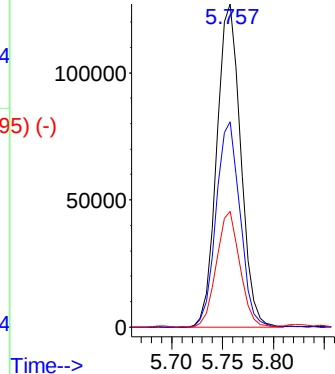
Ion Ratio Lower Upper

112 100

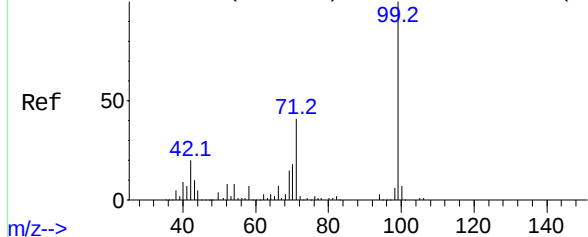
64 63.5 60.4 90.6

63 35.9 33.3 49.9

Abundance



Abundance Scan 661 (7.372 min): BG052305.D\data.ms (-652) #7



Phenol-d6

Concen: 89.067 ng

RT: 7.373 min Scan#

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

Tgt Ion: 99 Resp: 282144

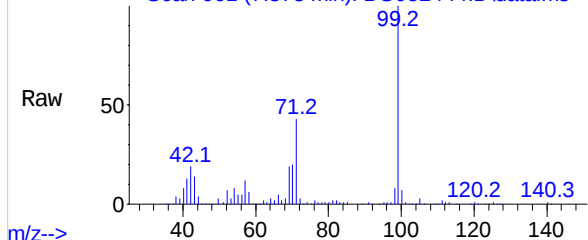
Ion Ratio Lower Upper

99 100

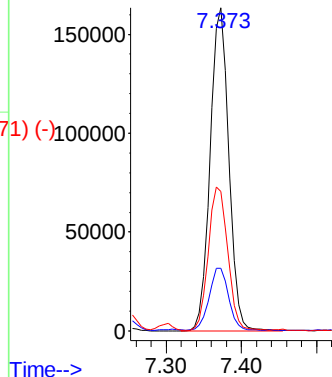
42 19.4 19.1 28.7

71 43.1 33.4 50.2

Abundance Scan 661 (7.373 min): BG052444.D\data.ms

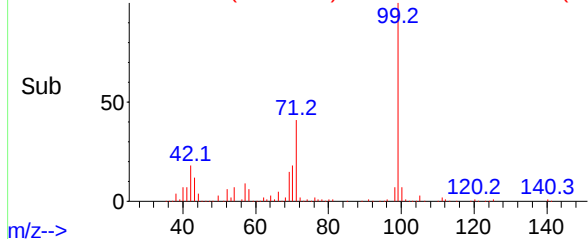


Abundance



m/z-->

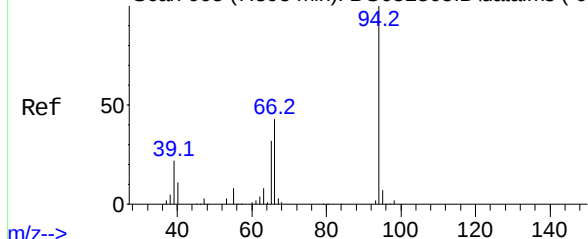
Abundance Scan 661 (7.373 min): BG052444.D\data.ms (-571) (-)



m/z-->

Time-->

Abundance Scan 665 (7.395 min): BG052305.D\data.ms (-657) #10



Phenol

Concen: 2.088 ng

RT: 7.396 min Scan# 665

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Tgt Ion: 94 Resp: 6573

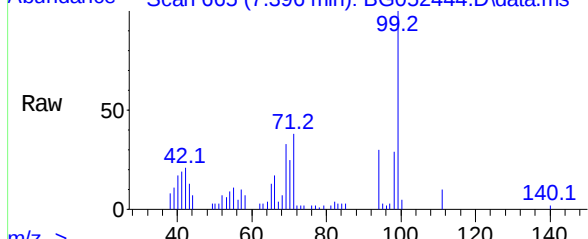
Ion Ratio Lower Upper

94 100

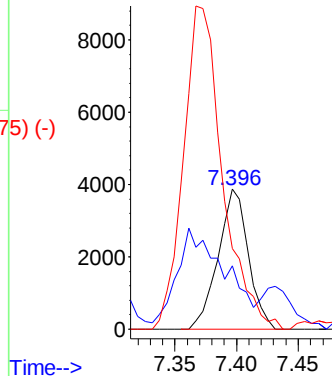
65 45.3 14.1 54.1

66 57.3 26.6 66.6

Abundance Scan 665 (7.396 min): BG052444.D\data.ms

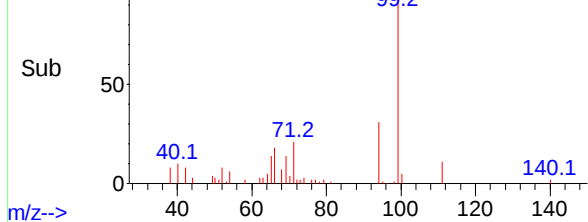


Abundance



m/z-->

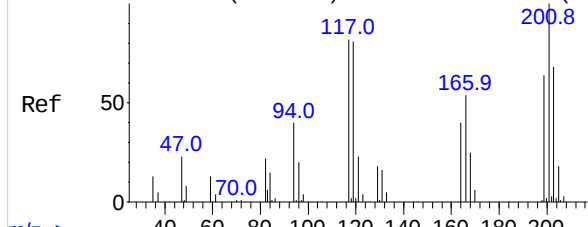
Abundance Scan 665 (7.396 min): BG052444.D\data.ms (-575) (-)



m/z-->

Time-->

Abundance Scan 994 (9.328 min): BG052305.D\data.ms (-986) #18

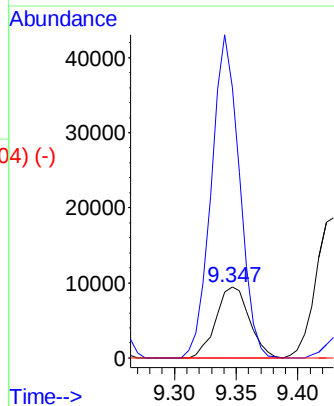
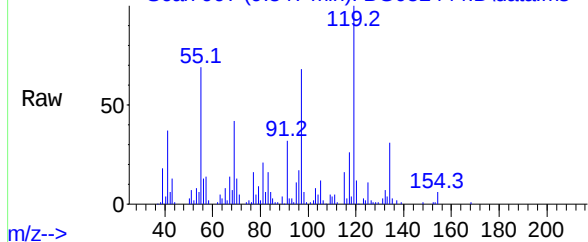


Hexachloroethane
Concen: 19.569 ng
RT: 9.347 min Scan# 936
Delta R.T. 0.019 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

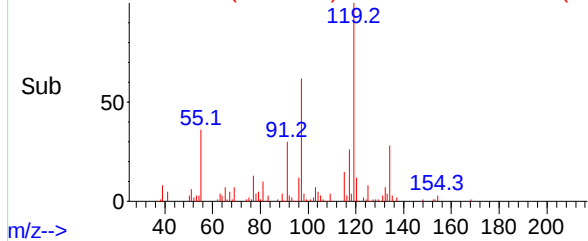
Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:117 Resp: 17850
Ion Ratio Lower Upper
117 100
119 382.6 73.5 110.3#
201 0.0 91.0 136.6#

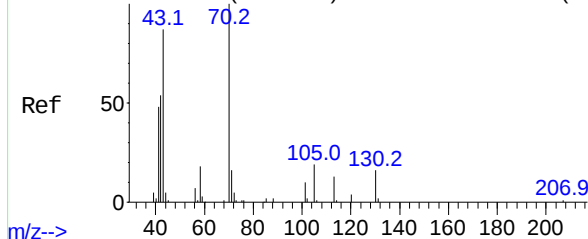
Abundance Scan 997 (9.347 min): BG052444.D\data.ms



Abundance Scan 997 (9.347 min): BG052444.D\data.ms (-904) (-)



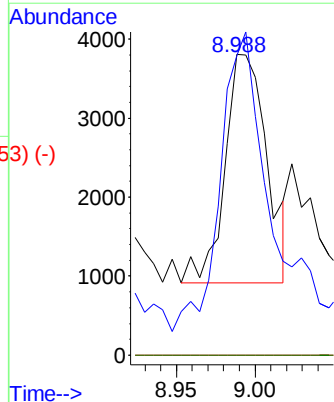
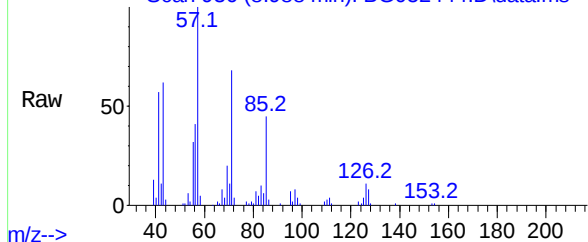
Abundance Scan 943 (9.028 min): BG052305.D\data.ms (-936) #19



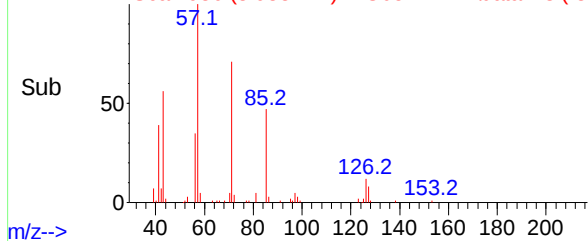
n-Nitroso-di-n-propylamine
Concen: 2.257 ng
RT: 8.988 min Scan# 936
Delta R.T. -0.040 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

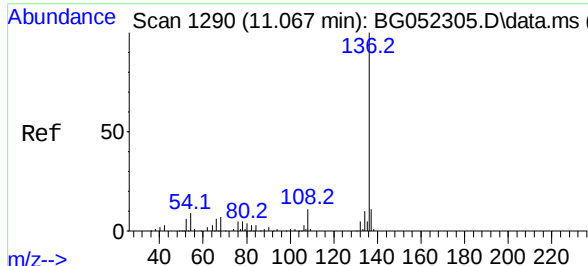
Tgt Ion: 70 Resp: 5391
Ion Ratio Lower Upper
70 100
42 99.6 51.8 77.6#
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#

Abundance Scan 936 (8.988 min): BG052444.D\data.ms



Abundance Scan 936 (8.988 min): BG052444.D\data.ms (-853) (-)

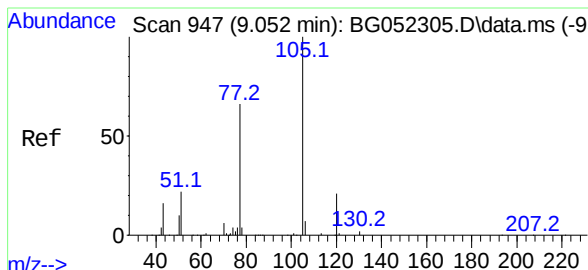
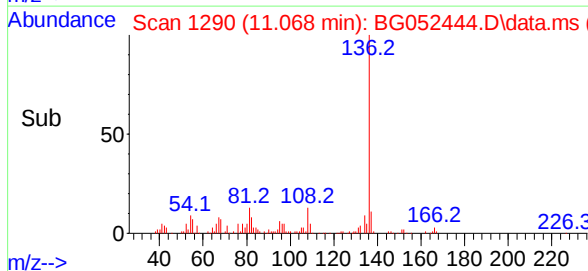
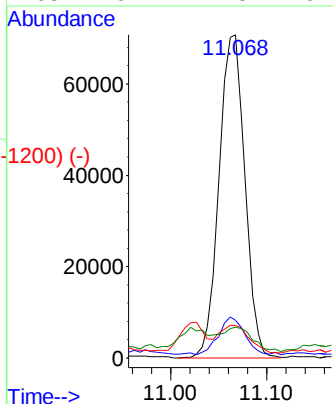
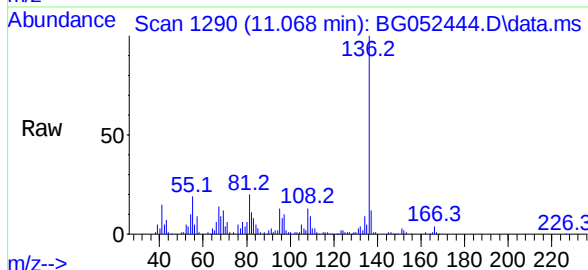




Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1290
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

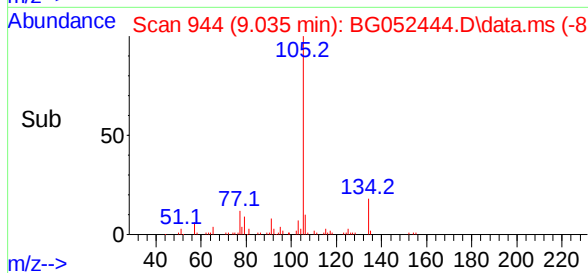
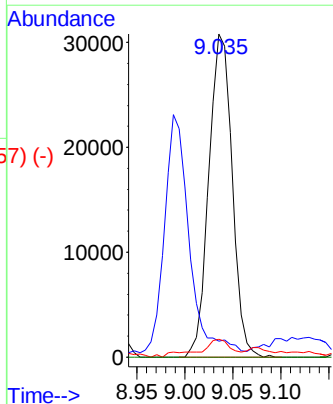
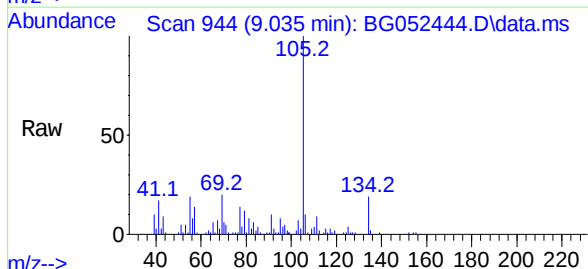
Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:	136	Resp:	132529
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.2	8.3	12.5
68	9.4	4.5	6.7#

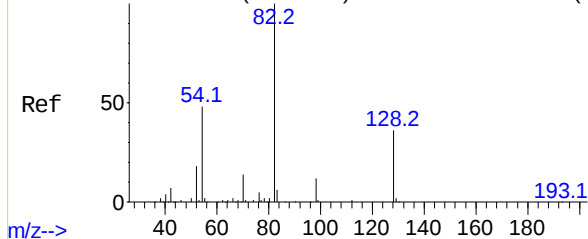


Acetophenone
Concen: 14.860 ng
RT: 9.035 min Scan# 944
Delta R.T. -0.016 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:	105	Resp:	52051
Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.8	2.6#
51	5.5	27.0	40.4#
120	0.0	16.2	24.4#



Abundance Scan 1006 (9.398 min): BG052305.D\data.ms (-99923)



Nitrobenzene-d5

Concen: 66.135 ng

RT: 9.394 min Scan#

Delta R.T. -0.005 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

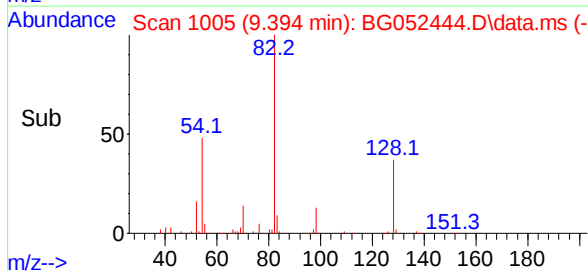
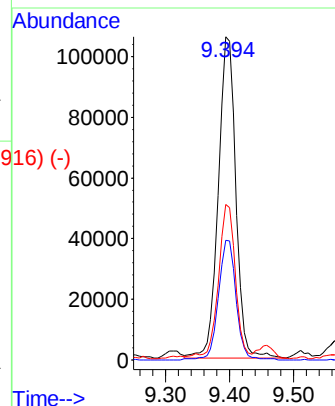
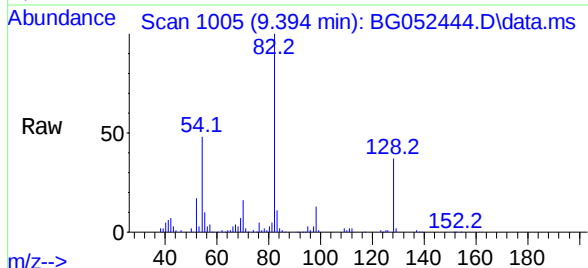
Tgt Ion: 82 Resp: 201669

Ion Ratio Lower Upper

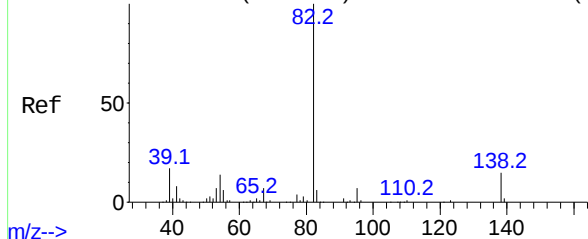
82 100

128 37.1 27.0 40.4

54 48.1 41.0 61.6



Abundance Scan 1103 (9.968 min): BG052305.D\data.ms (-10925)



Isophorone

Concen: 5.466 ng

RT: 9.975 min Scan# 1104

Delta R.T. 0.007 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

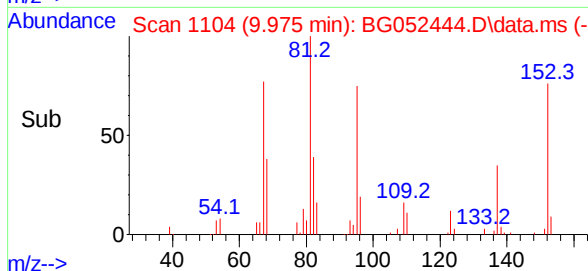
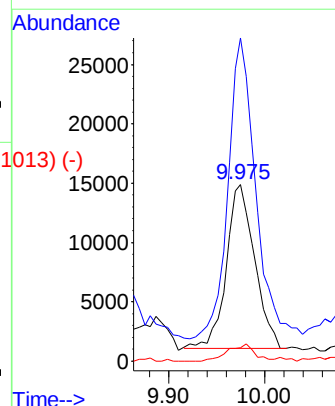
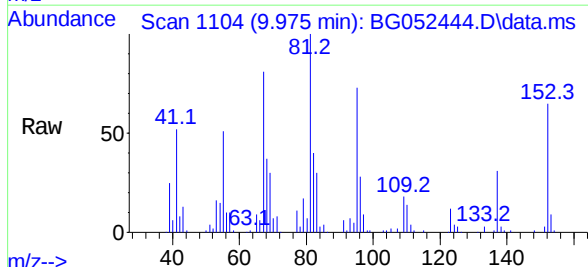
Tgt Ion: 82 Resp: 28361

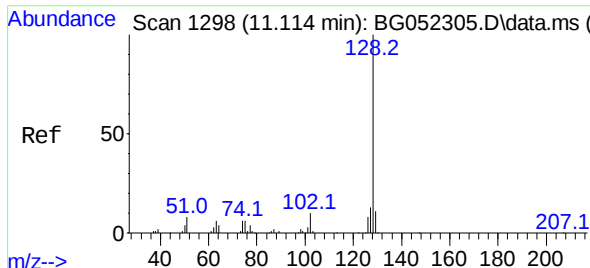
Ion Ratio Lower Upper

82 100

95 182.7 6.6 9.8#

138 7.6 12.5 18.7#

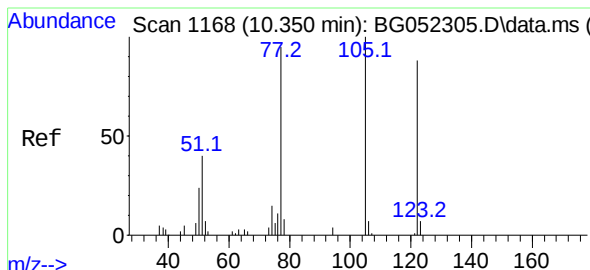
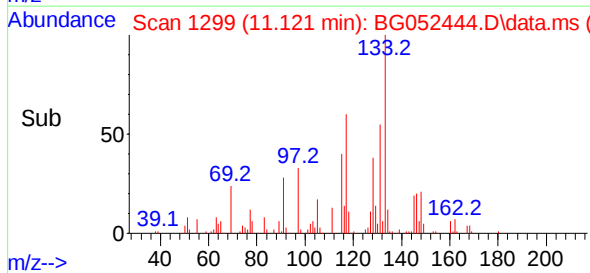
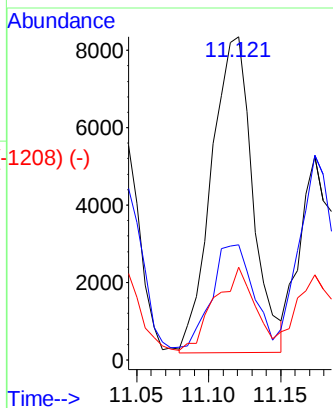
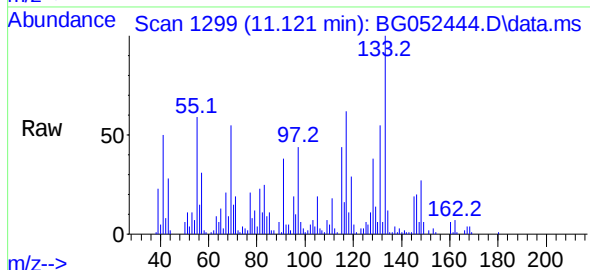




Naphthalene
Concen: 2.342 ng
RT: 11.121 min Scan# 1167
Delta R.T. 0.007 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

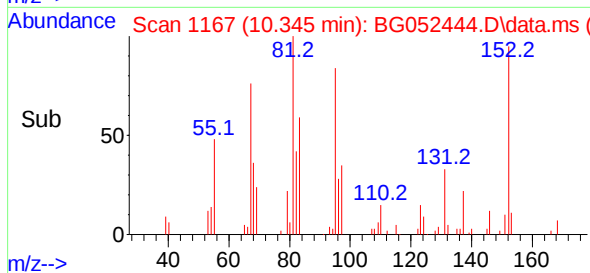
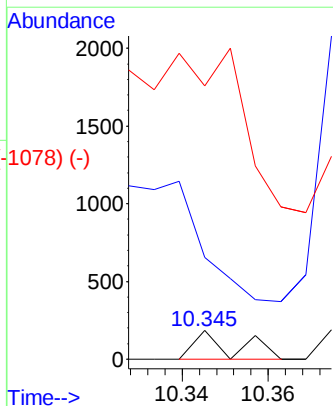
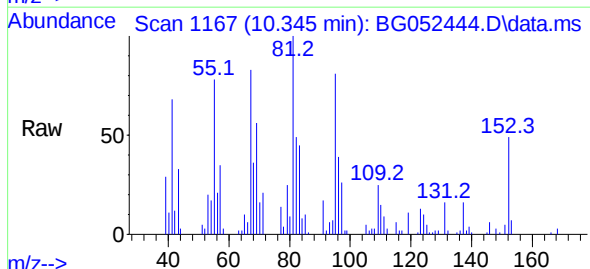
Instrument :
BNA_G
ClientSampleId :
C0AA1

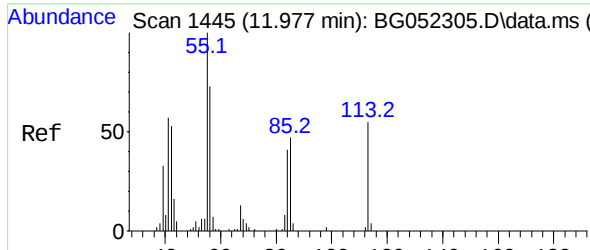
Tgt Ion:	128	Resp:	16269
Ion	Ratio	Lower	Upper
128	100		
129	35.7	9.8	14.6#
127	28.7	12.0	18.0#



Benzoic acid
Concen: 6.065 ng
RT: 10.345 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:	122	Resp:	119
Ion	Ratio	Lower	Upper
122	100		
105	354.6	109.2	149.2#
77	949.7	92.8	132.8#





Caprolactam

Concen: 6.737 ng

RT: 11.961 min Scan#

Delta R.T. -0.016 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

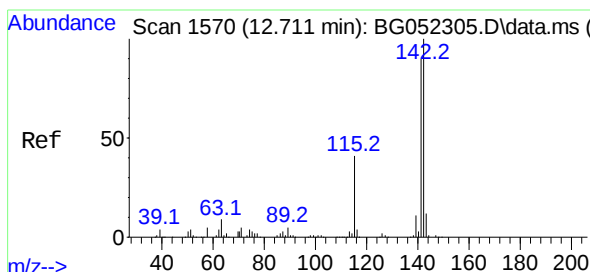
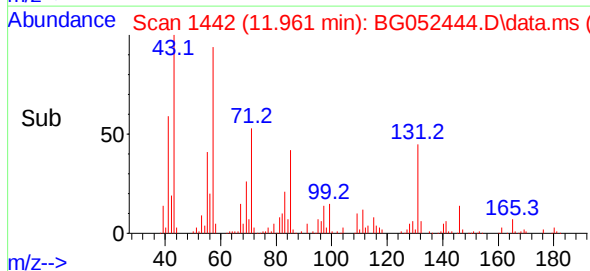
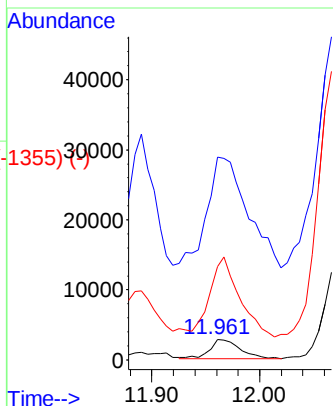
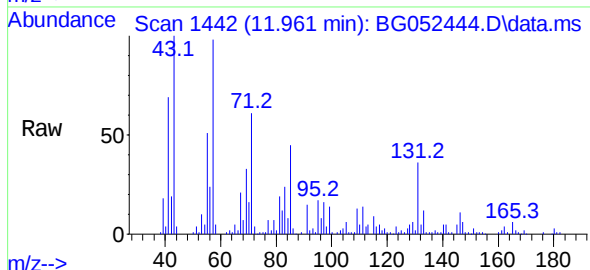
Tgt Ion:113 Resp: 5342

Ion Ratio Lower Upper

113 100

55 986.7 161.4 201.4#

56 453.5 132.6 172.6#



2-Methylnaphthalene

Concen: 6.179 ng

RT: 12.713 min Scan# 1570

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

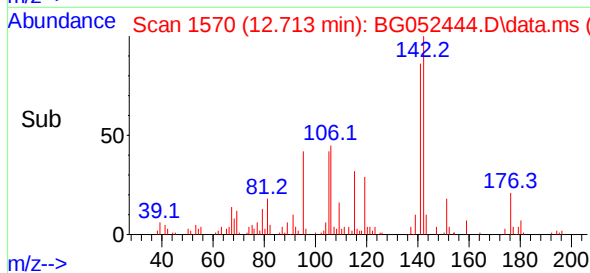
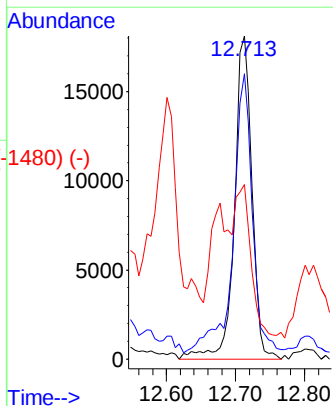
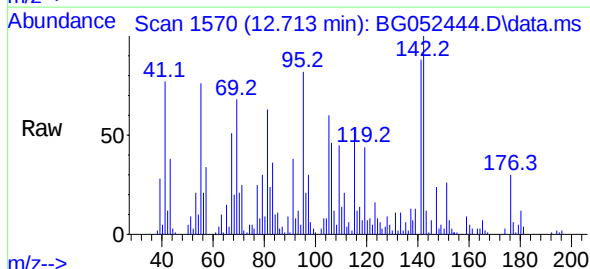
Tgt Ion:142 Resp: 31887

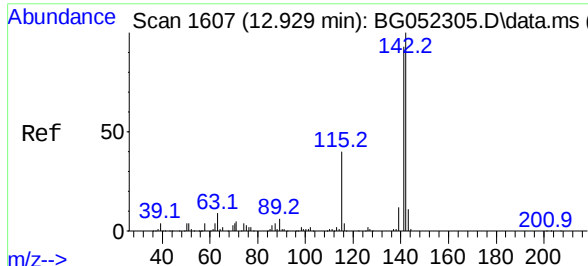
Ion Ratio Lower Upper

142 100

141 88.4 71.7 107.5

115 54.0 32.2 48.4#





1-Methylnaphthalene

Concen: 5.235 ng

RT: 12.930 min Scan#

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

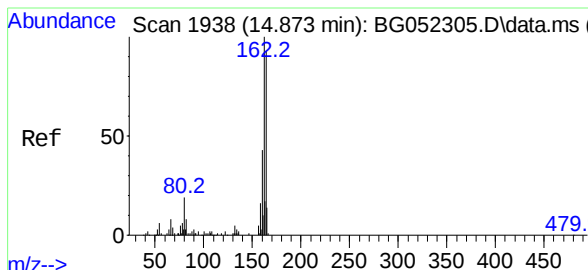
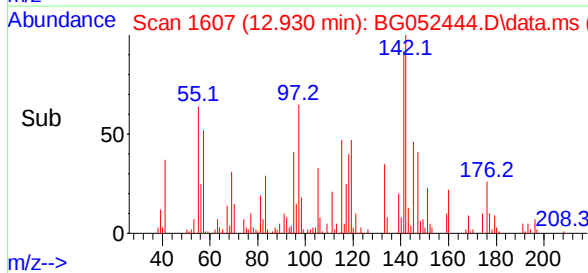
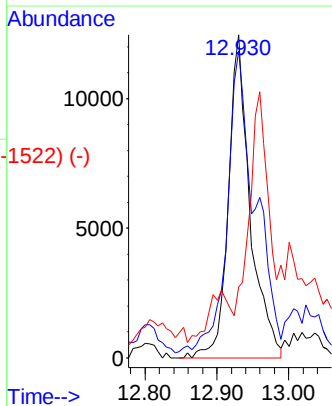
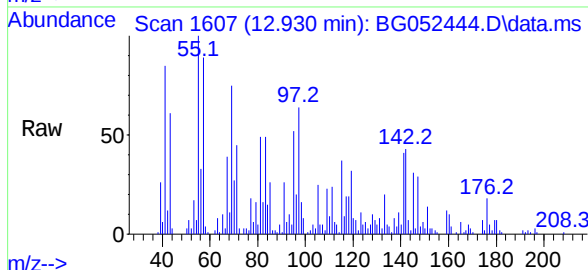
Tgt Ion:142 Resp: 26177

Ion Ratio Lower Upper

142 100

141 95.1 75.0 112.4

116 21.9 4.2 6.4#



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1938

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

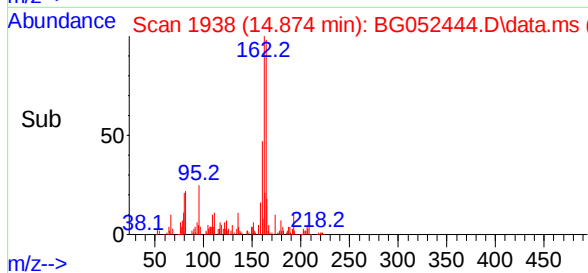
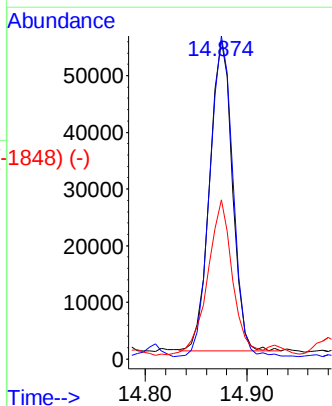
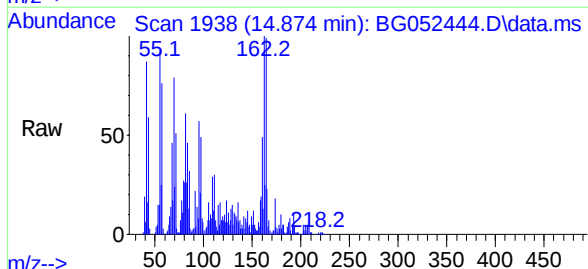
Tgt Ion:164 Resp: 85641

Ion Ratio Lower Upper

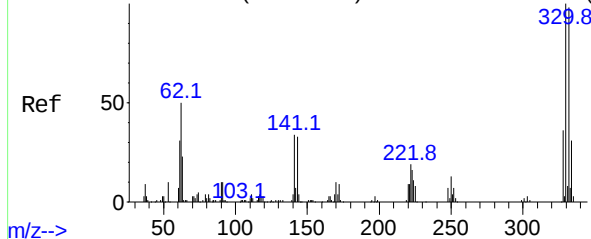
164 100

162 101.3 82.2 123.2

160 49.9 36.2 54.2



Abundance Scan 2191 (16.359 min): BG052305.D\data.ms (-2191) (-)

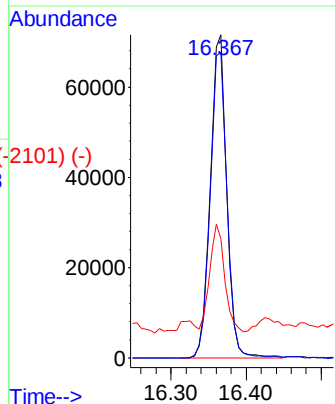
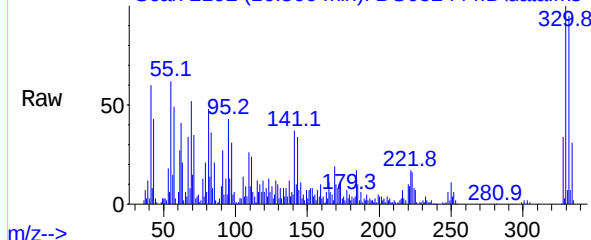


2,4,6-Tribromophenol
Concen: 88.892 ng
RT: 16.366 min Scan# 2191
Delta R.T. 0.007 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

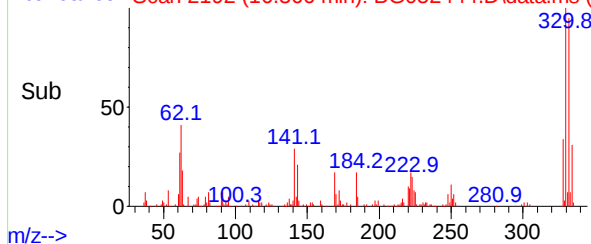
Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:330 Resp: 109370
Ion Ratio Lower Upper
330 100
332 96.9 78.6 117.8
141 31.7 28.8 43.2

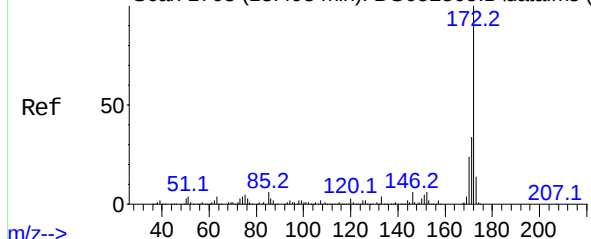
Abundance Scan 2192 (16.366 min): BG052444.D\data.ms (-2192) (-)



Abundance Scan 2192 (16.366 min): BG052444.D\data.ms (-2191) (-)



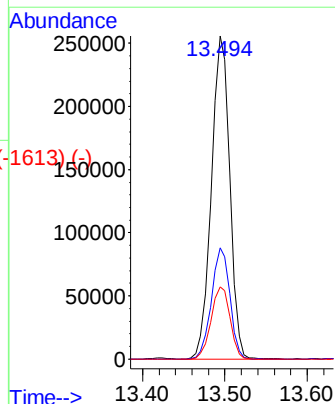
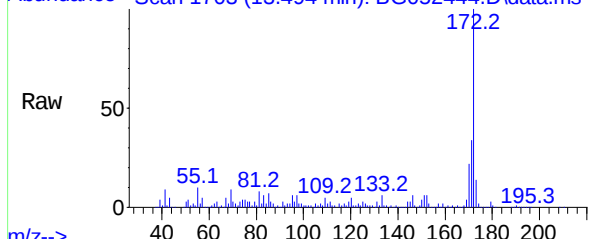
Abundance Scan 1703 (13.493 min): BG052305.D\data.ms (-1703) (-)



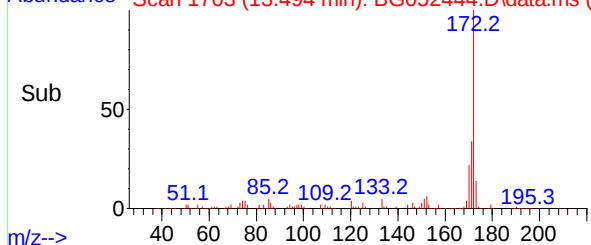
2-Fluorobiphenyl
Concen: 64.448 ng
RT: 13.494 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

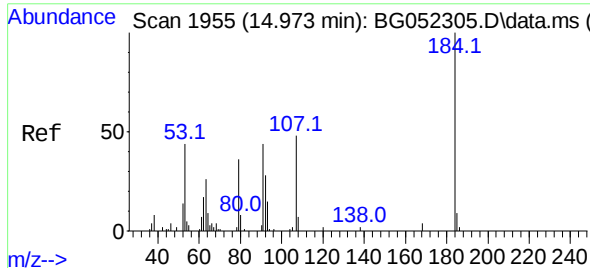
Tgt Ion:172 Resp: 397215
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.3 18.3 27.5

Abundance Scan 1703 (13.494 min): BG052444.D\data.ms (-1703) (-)



Abundance Scan 1703 (13.494 min): BG052444.D\data.ms (-1613) (-)





2,4-Dinitrophenol

Concen: 4.982 ng

RT: 14.998 min Scan# 1959

Delta R.T. 0.025 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

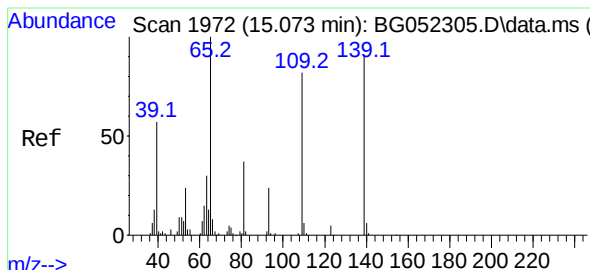
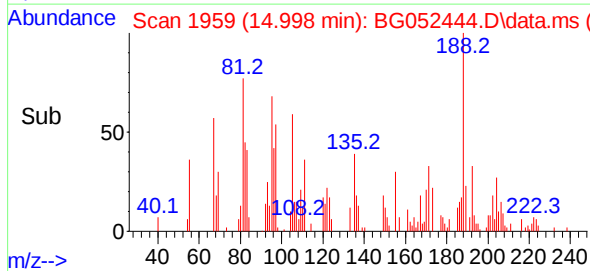
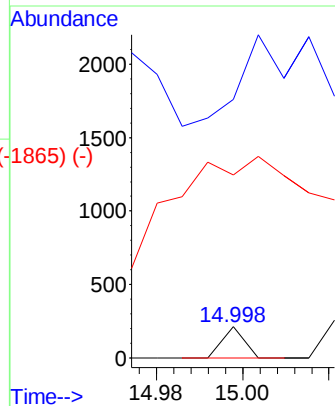
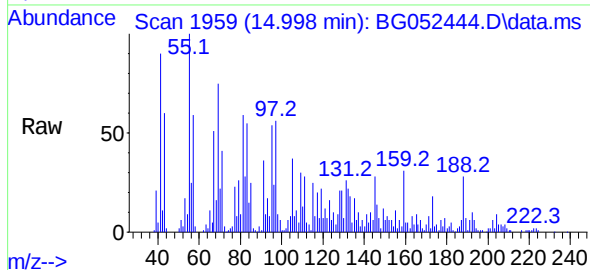
Tgt Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

63 829.2 56.0 84.0#

154 586.8 50.2 75.2#



4-Nitrophenol

Concen: 4.969 ng

RT: 15.080 min Scan# 1973

Delta R.T. 0.007 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

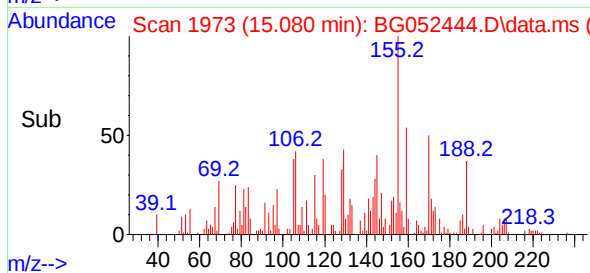
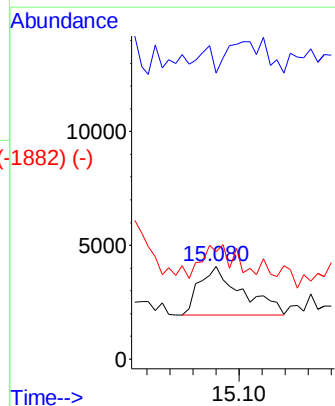
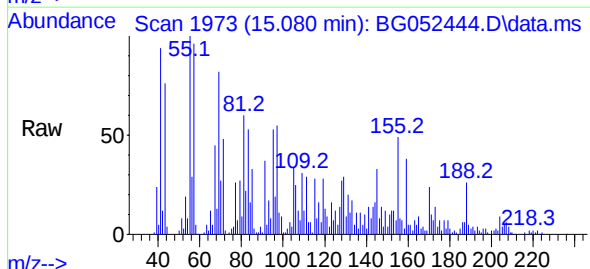
Tgt Ion:139 Resp: 5491

Ion Ratio Lower Upper

139 100

109 307.8 84.9 124.9#

65 115.6 109.9 149.9



Abundance Scan 2406 (17.622 min): BG052305.D\data.ms (-2396) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2164

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

Tgt Ion:188 Resp: 172621

Ion Ratio Lower Upper

188 100

94 10.5 5.9 8.9#

80 11.7 6.6 10.0#

m/z-->

Abundance Scan 2406 (17.624 min): BG052444.D\data.ms

Raw

188.2

55.1 97.2 128.2 219.3 250.3

m/z-->

Abundance Scan 2406 (17.624 min): BG052444.D\data.ms (-2316) (-)

Sub

188.2

55.1 97.2 156.2 227.2 272.3

m/z-->

Abundance

17.624

100000

50000

0

Time-->

Abundance Scan 2149 (16.113 min): BG052305.D\data.ms (-2160) (-)

n-Nitrosodiphenylamine

Concen: 6.747 ng

RT: 16.120 min Scan# 2150

Delta R.T. 0.007 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Tgt Ion:169 Resp: 32089

Ion Ratio Lower Upper

169 100

168 25.8 57.4 86.0#

167 15.4 29.5 44.3#

m/z-->

Abundance Scan 2150 (16.120 min): BG052444.D\data.ms

Raw

57.1

85.2 128.2 169.2 202.2 230.3

m/z-->

Abundance Scan 2150 (16.120 min): BG052444.D\data.ms (-2059) (-)

Sub

57.1

85.2 113.2 141.2 169.2 199.2 233.3

m/z-->

Abundance

16.120

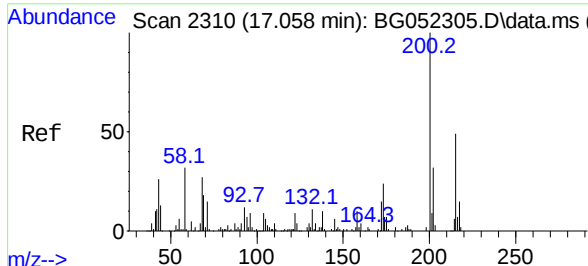
15000

10000

5000

0

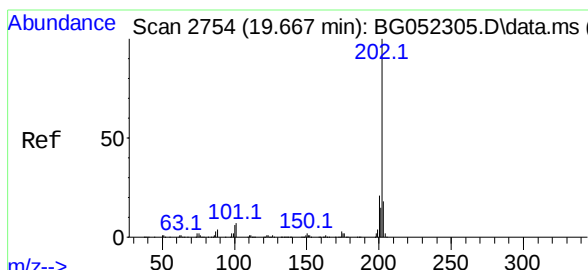
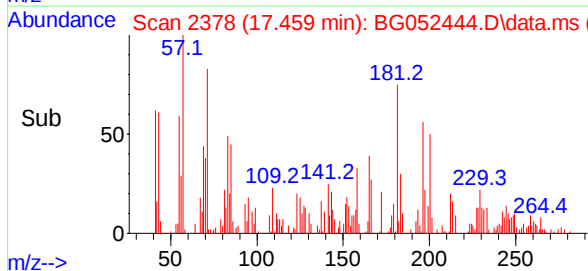
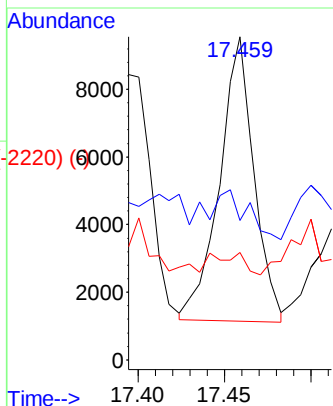
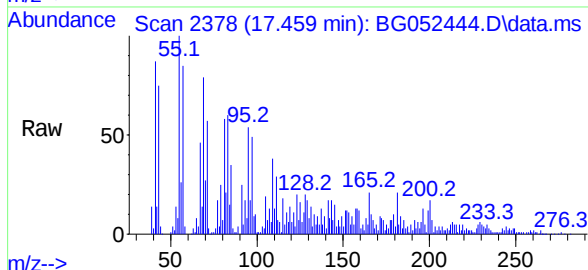
Time-->



Atrazine
Concen: 6.078 ng
RT: 17.459 min Scan# 2169
Delta R.T. 0.401 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

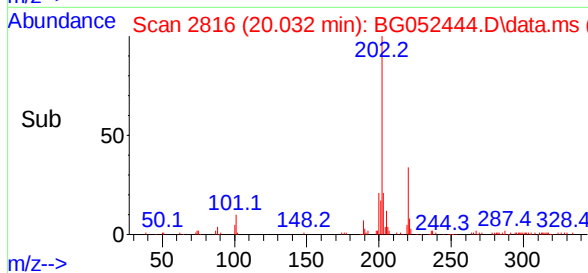
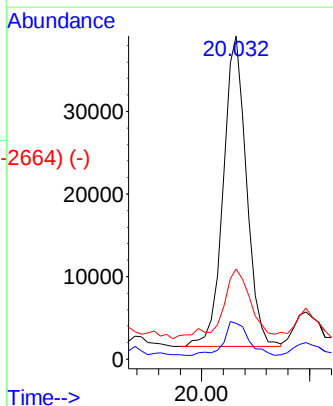
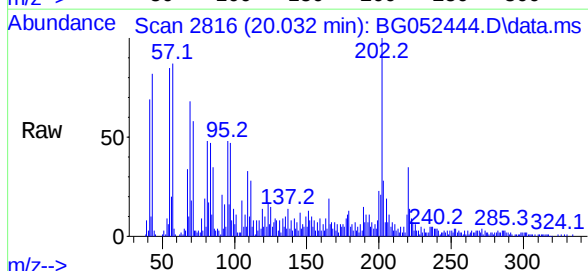
Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:	200	Resp:	11688
Ion	Ratio	Lower	Upper
200	100		
173	43.2	3.3	43.3
215	33.3	24.4	64.4



Fluoranthene
Concen: 5.000 ng
RT: 20.032 min Scan# 2816
Delta R.T. 0.365 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:	202	Resp:	56658
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	27.1
203	28.0	0.0	37.8



Abundance Scan 3141 (21.940 min): BG052305.D\data.ms (-3172) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.935 min Scan# 3141

Delta R.T. -0.005 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

Tgt Ion:240 Resp: 177737

Ion Ratio Lower Upper

240 100

120 6.4 4.4 6.6

236 25.6 20.8 31.2

Abundance Scan 3140 (21.935 min): BG052444.D\data.ms

240.2

55.1 118.2 165.2 281.1 324.1

m/z-->

Ref

50

0

50 100 150 200 250 300 350

m/z-->

Abundance Scan 3140 (21.935 min): BG052444.D\data.ms (-3051) (-)

240.2

64.2 120.2 184.1 282.1 324.1

m/z-->

Sub

50

0

50 100 150 200 250 300 350

m/z-->

Abundance

100000

80000

60000

40000

20000

0

21.90 22.00

Time-->

Abundance Scan 2816 (20.031 min): BG052305.D\data.ms (-2076) (-)

Pyrene

Concen: 4.764 ng

RT: 20.032 min Scan# 2816

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Tgt Ion:202 Resp: 56658

Ion Ratio Lower Upper

202 100

200 22.8 17.4 26.2

203 28.0 14.5 21.7#

Abundance Scan 2816 (20.032 min): BG052444.D\data.ms

202.2

57.1 95.2 137.2 240.2 285.3 324.1

m/z-->

Ref

50

0

50 100 150 200 250 300

m/z-->

Abundance Scan 2816 (20.032 min): BG052444.D\data.ms (-2726) (-)

202.2

51.1 101.1 148.2 240.2 283.4 324.1

m/z-->

Sub

50

0

50 100 150 200 250 300

m/z-->

Abundance

30000

20000

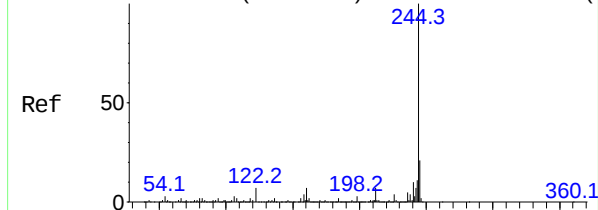
10000

0

20.00

Time-->

Abundance Scan 2847 (20.213 min): BG052305.D\data.ms (-2679) (-)



Terphenyl-d14

Concen: 60.740 ng

RT: 20.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_G

ClientSampleId :

C0AA1

Tgt Ion:244 Resp: 611359

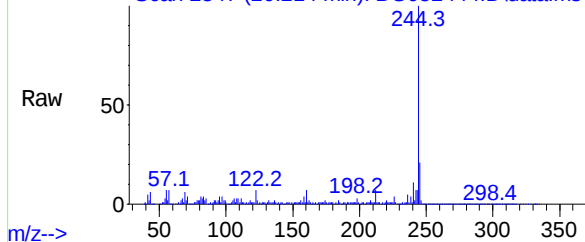
Ion Ratio Lower Upper

244 100

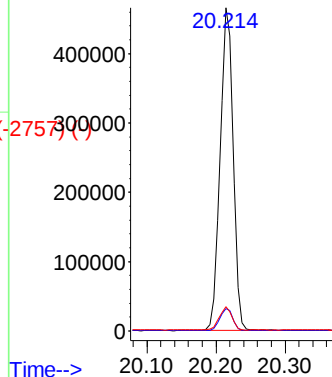
212 6.9 6.0 9.0

122 7.4 6.2 9.4

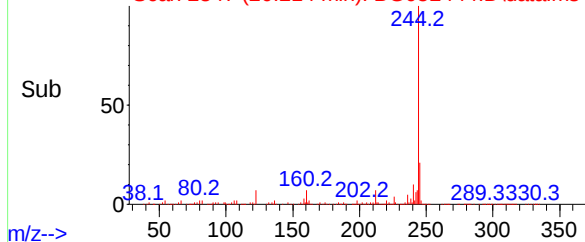
Abundance Scan 2847 (20.214 min): BG052444.D\data.ms



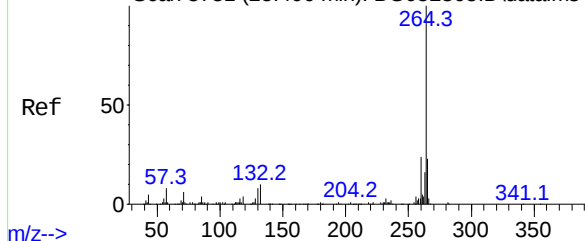
Abundance



Abundance Scan 2847 (20.214 min): BG052444.D\data.ms (-2757) (-)



Abundance Scan 3731 (25.406 min): BG052305.D\data.ms (-3786) (-)



Perylene-d12

Concen: 20.000 ng

RT: 25.395 min Scan# 3729

Delta R.T. -0.011 min

Lab File: BG052444.D

Acq: 21 Feb 2022 19:23

Tgt Ion:264 Resp: 202016

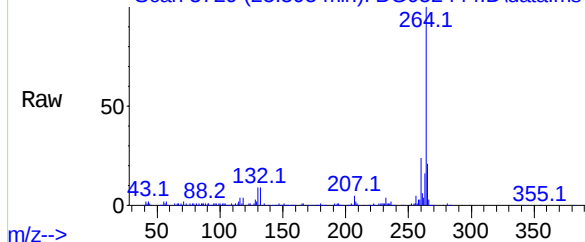
Ion Ratio Lower Upper

264 100

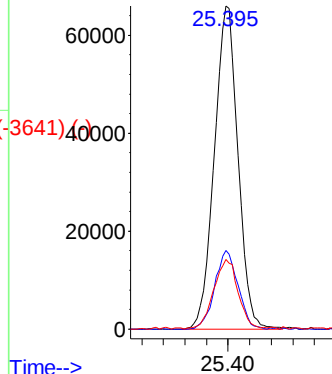
260 24.3 18.5 27.7

265 21.5 17.8 26.6

Abundance Scan 3729 (25.395 min): BG052444.D\data.ms



Abundance



Abundance Scan 3729 (25.395 min): BG052444.D\data.ms (-3641) (-)

