

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070916\
 Data File : BG022955.D
 Acq On : 9 Jul 2016 7:25
 Operator : UM/SJ
 Sample : H3927-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0001

Quant Time: Jul 11 01:18:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

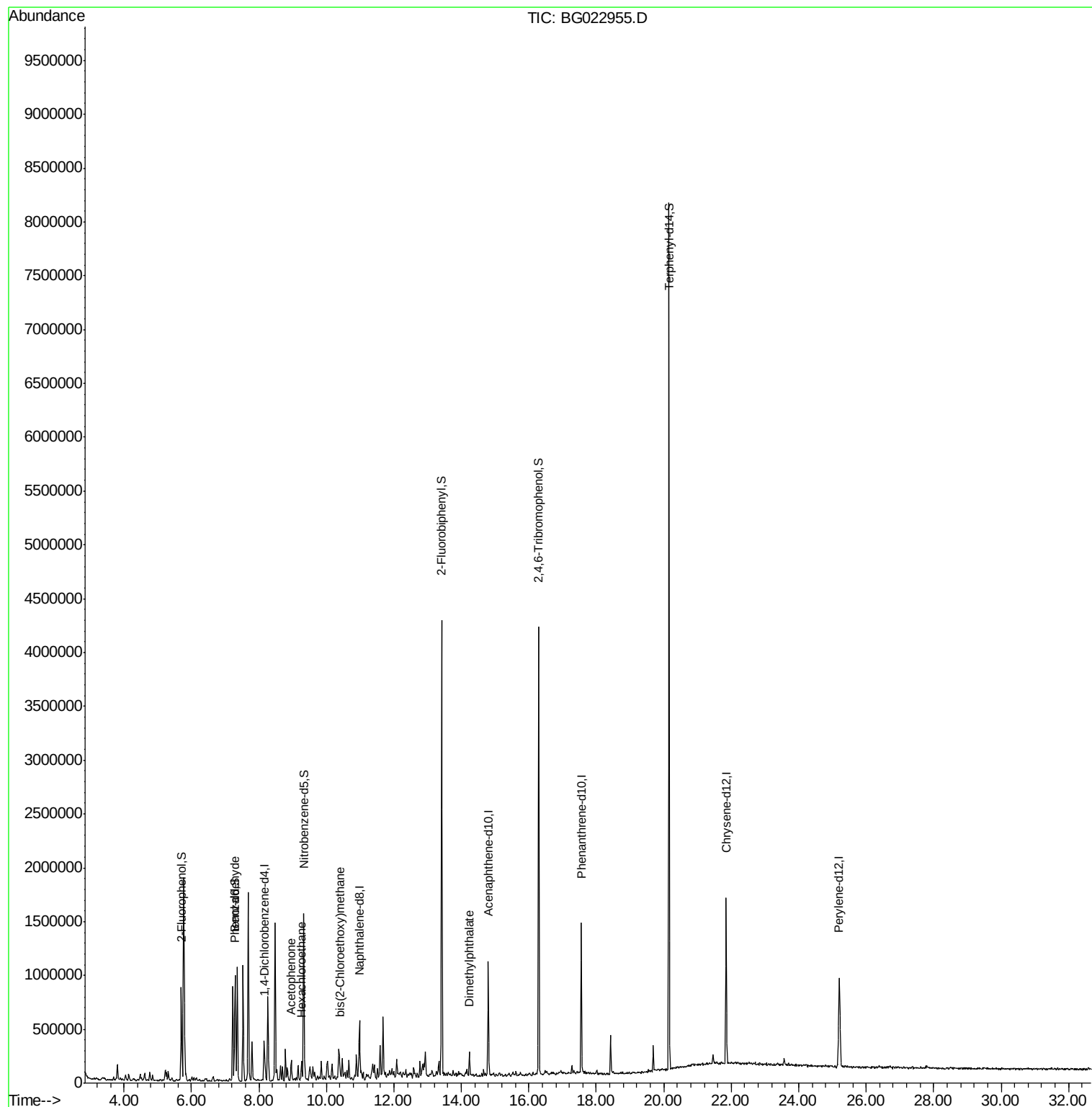
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	95729	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	455638	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	354834	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	848251	20.00	ng	0.00
75) Chrysene-d12	21.85	240	969736	20.00	ng	0.00
86) Perylene-d12	25.21	264	999743	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	366126	62.55	ng	0.00
7) Phenol-d6	7.31	99	368143	40.16	ng	0.00
23) Nitrobenzene-d5	9.33	82	965290	90.71	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	772525	121.14	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2033542	90.27	ng	0.00
78) Terphenyl-d14	20.16	244	2942578	105.52	ng	0.00
Target Compounds						
9) Benzaldehyde	7.28	77	66330	10.83	ng	# 1
18) Hexachloroethane	9.27	117	22892	7.10	ng	# 1
22) Acetophenone	8.96	105	140356	10.26	ng	# 53
28) bis(2-Chloroethoxy)methane	10.40	93	46509	3.90	ng	# 53
49) Dimethylphthalate	14.23	163	142358	4.91	ng	# 97

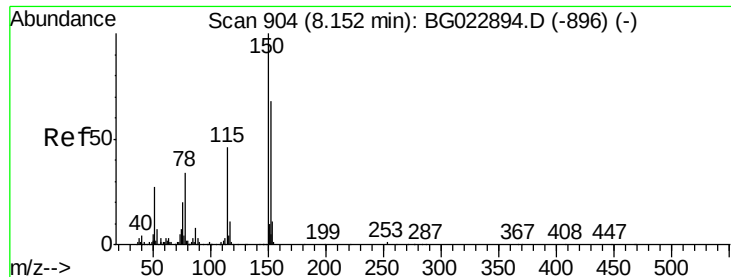
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

Instrument :

BNA_G

ClientSampleId :

S22-0001

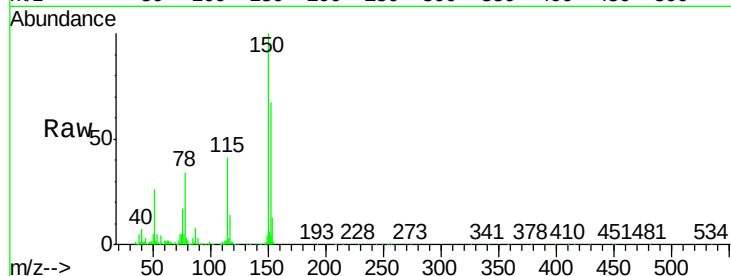
Tgt Ion:152 Resp: 95729

Ion Ratio Lower Upper

152 100

150 150.3 144.7 217.1

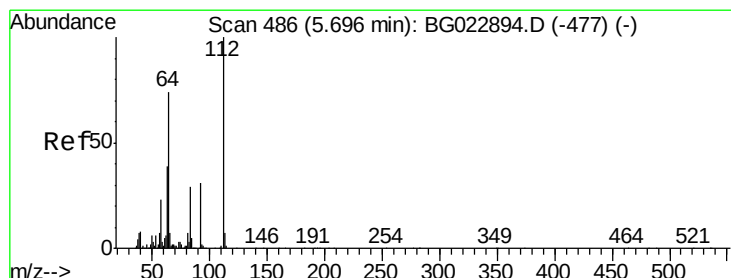
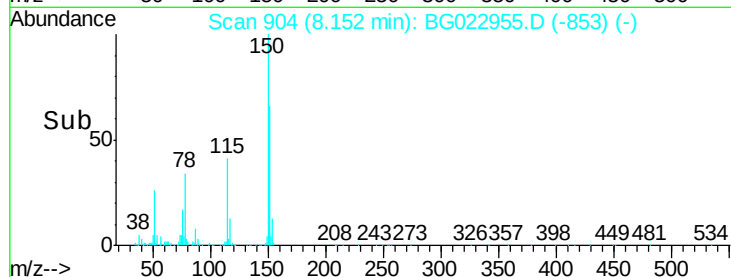
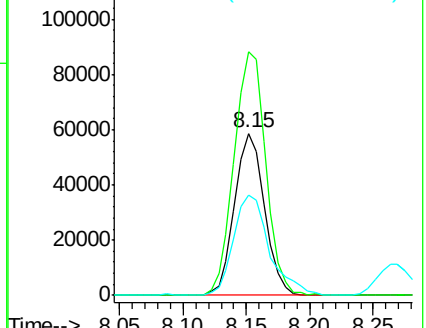
115 62.1 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 62.55 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

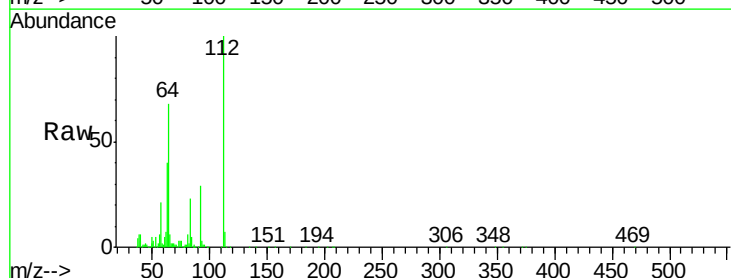
Tgt Ion:112 Resp: 366126

Ion Ratio Lower Upper

112 100

64 68.0 59.0 88.4

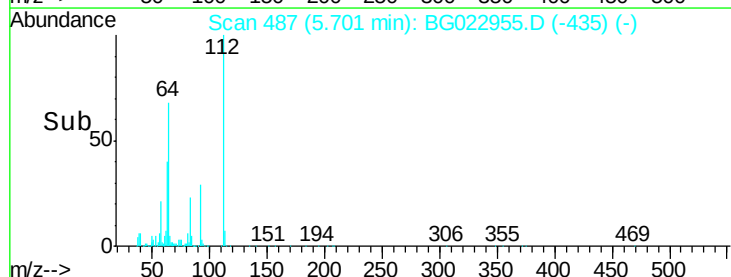
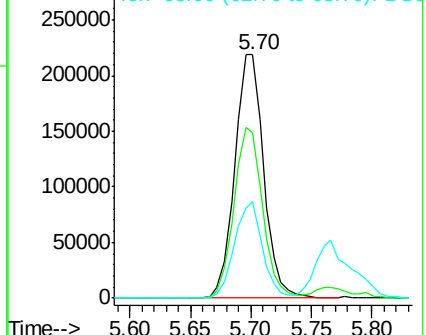
63 39.7 37.8 56.8

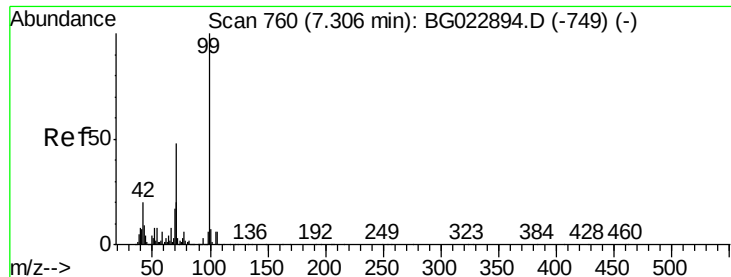


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.16 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

Instrument :

BNA_G

ClientSampleId :

S22-0001

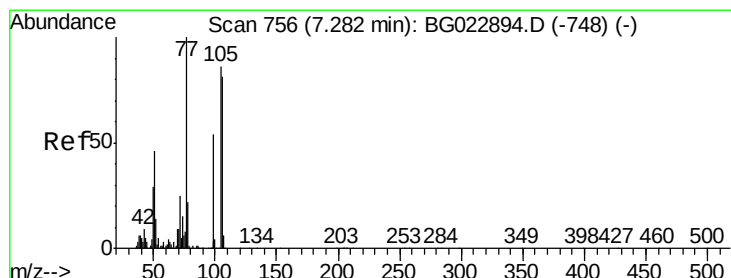
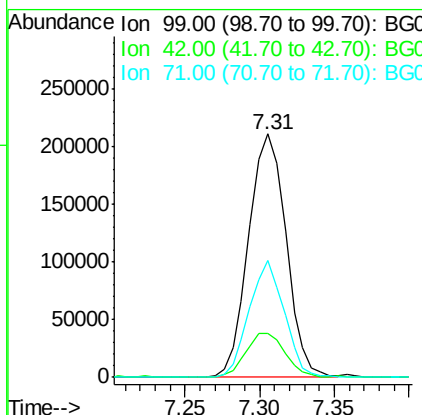
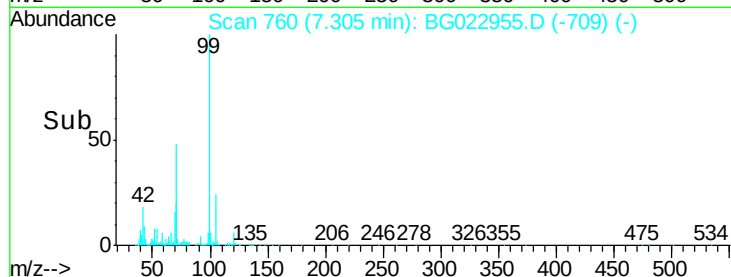
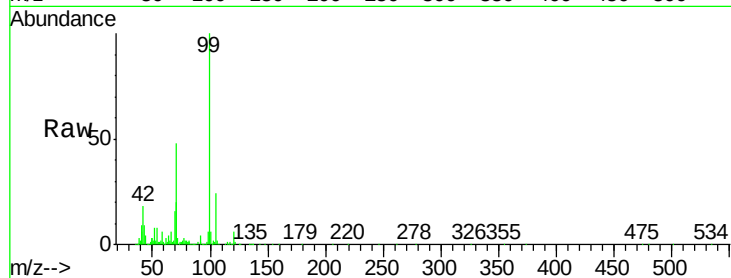
Tgt Ion: 99 Resp: 368143

Ion Ratio Lower Upper

99 100

42 18.2 17.8 26.6

71 47.8 41.5 62.3



#9

Benzaldehyde

Concen: 10.83 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

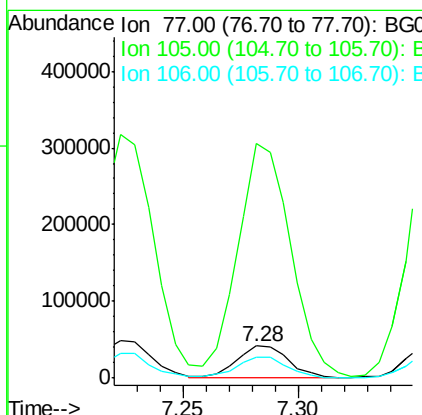
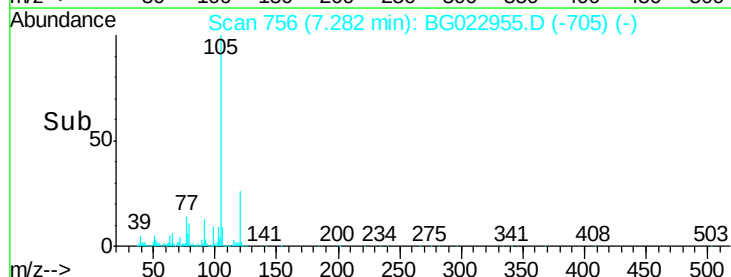
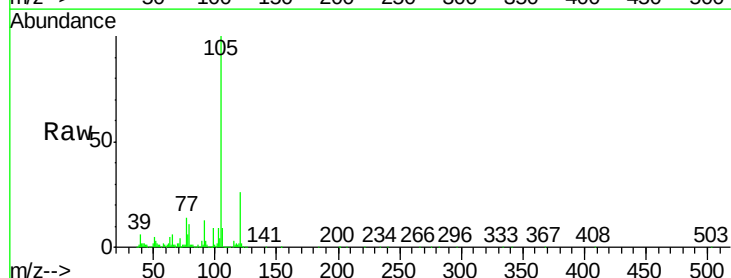
Tgt Ion: 77 Resp: 66330

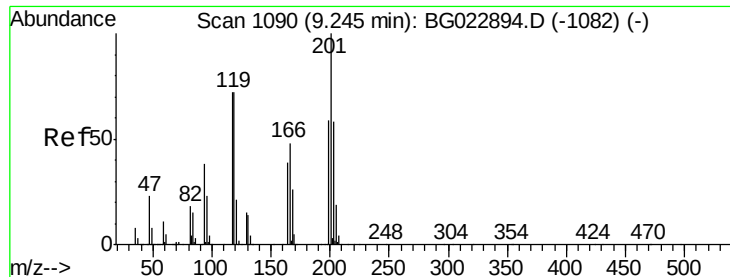
Ion Ratio Lower Upper

77 100

105 724.3 58.7 98.7#

106 63.5 67.5 107.5#





#18

Hexachloroethane

Concen: 7.10 ng

RT: 9.27 min Scan# 1094

Delta R.T. 0.02 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

Instrument :

BNA_G

ClientSampleId :

S22-0001

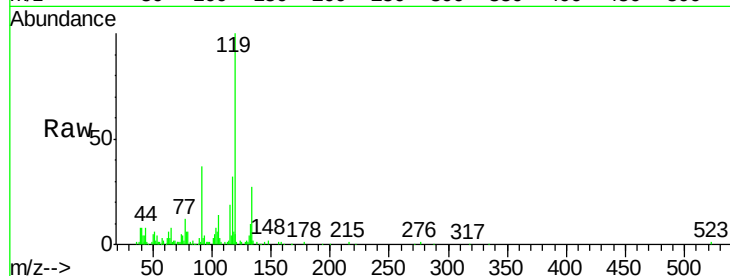
Tgt Ion:117 Resp: 22892

Ion Ratio Lower Upper

117 100

119 310.1 73.7 110.5#

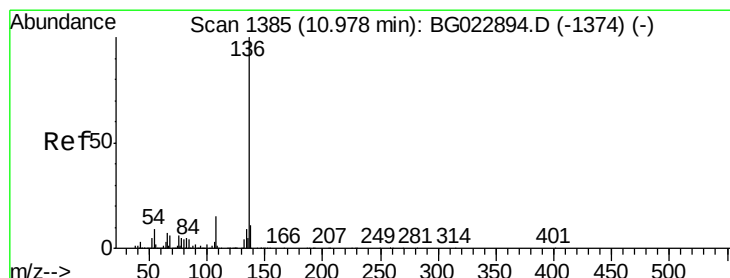
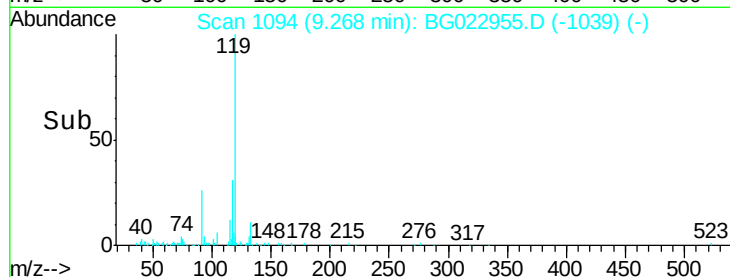
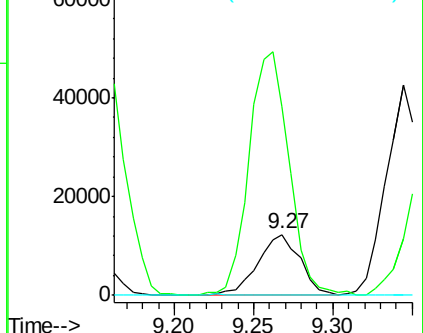
201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

Tgt Ion:136 Resp: 455638

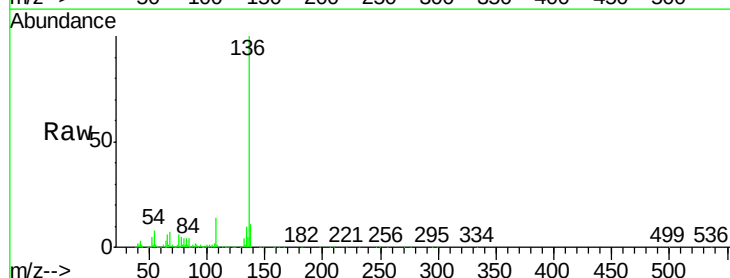
Ion Ratio Lower Upper

136 100

137 10.6 9.6 14.4

54 7.7 7.3 10.9

68 6.6 5.3 7.9

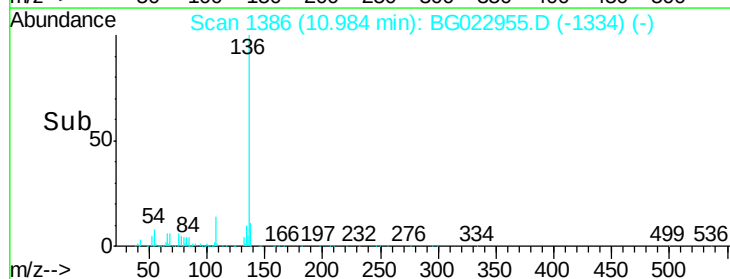
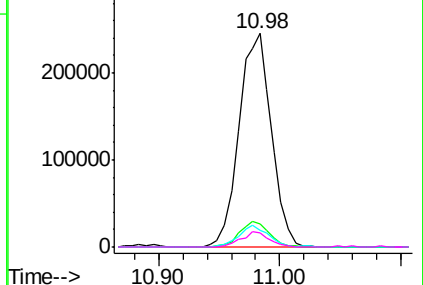


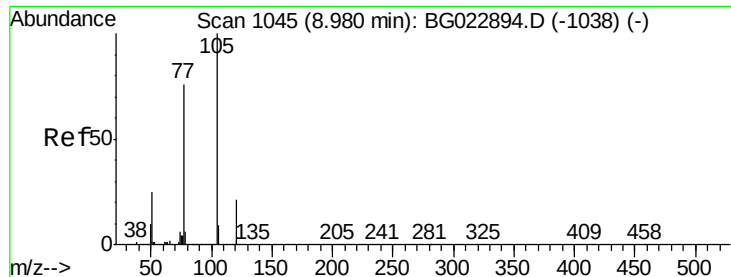
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 10.26 ng

RT: 8.96 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

Instrument :

BNA_G

ClientSampleId :

S22-0001

Tgt Ion: 105 Resp: 140356

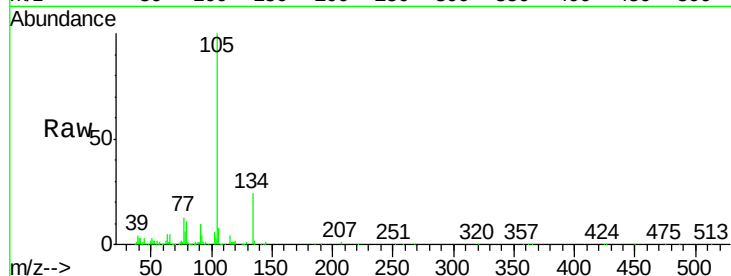
Ion Ratio Lower Upper

105 100

71 0.0 2.6 3.8#

51 3.3 27.1 40.7#

120 0.7 15.1 22.7#

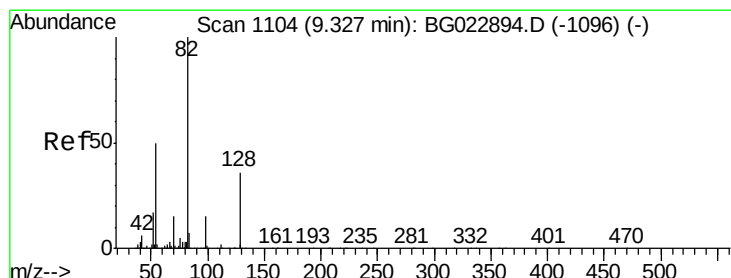
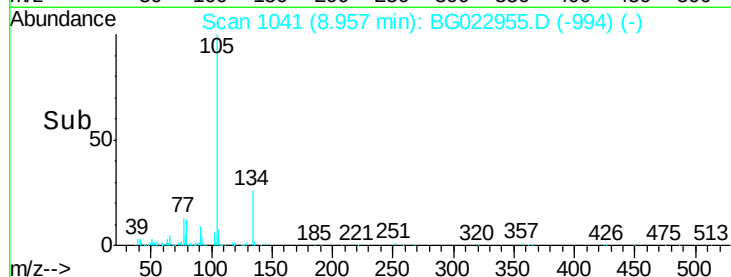
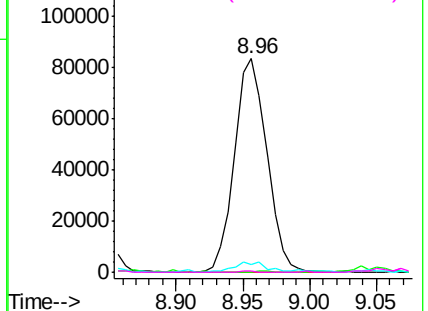


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 90.71 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

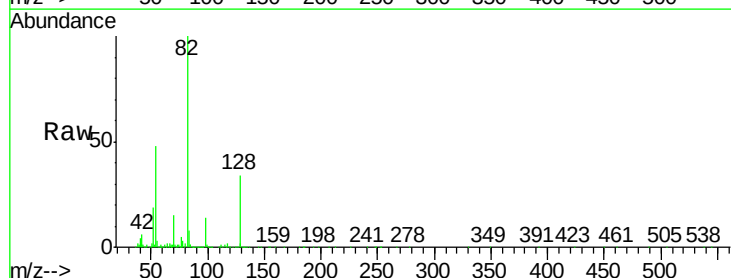
Tgt Ion: 82 Resp: 965290

Ion Ratio Lower Upper

82 100

128 34.2 24.4 36.6

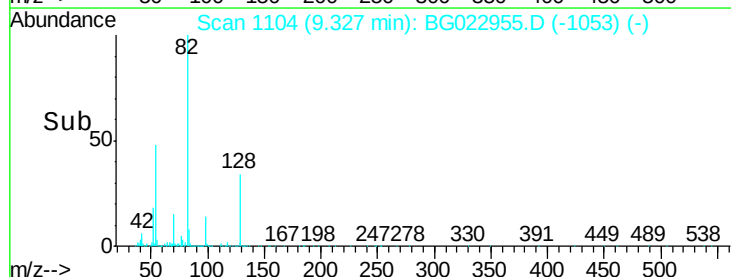
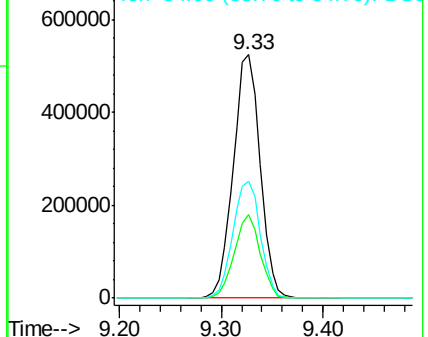
54 48.0 41.4 62.0

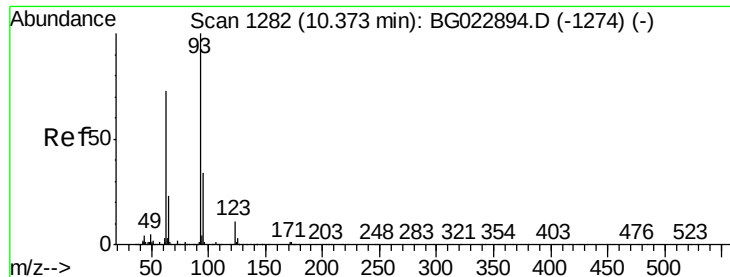


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

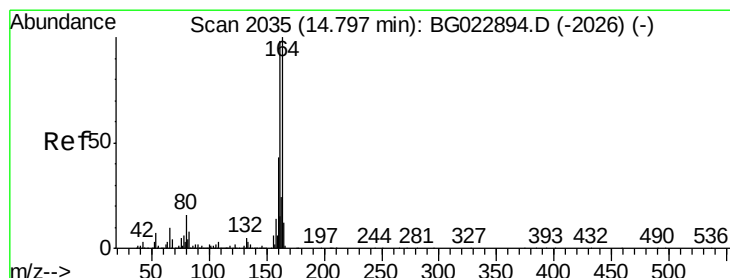
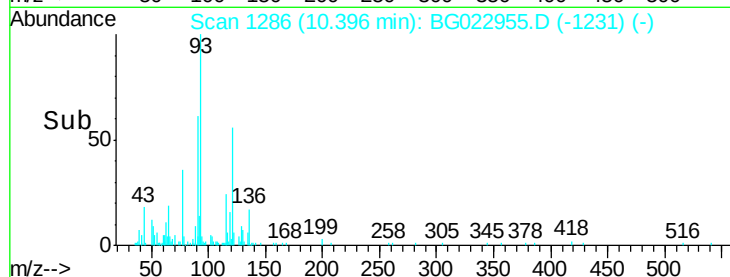
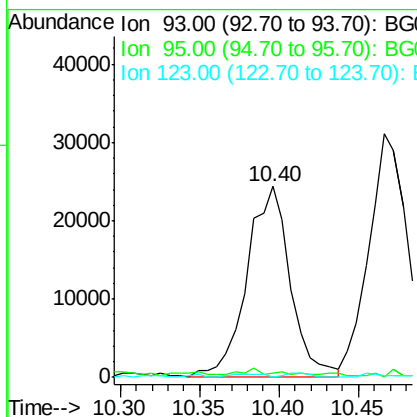
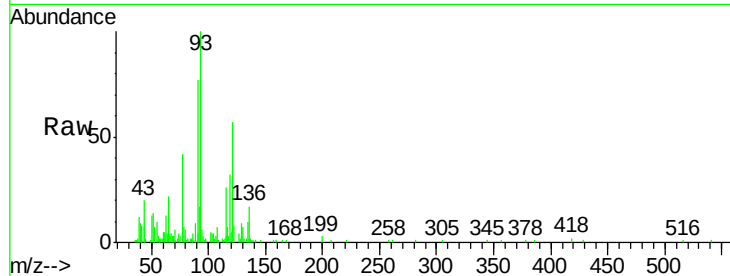




#28
bis(2-Chloroethoxy)methane
Concen: 3.90 ng
RT: 10.40 min Scan# 1286
Delta R.T. 0.02 min
Lab File: BG022955.D
Acq: 9 Jul 2016 7:25

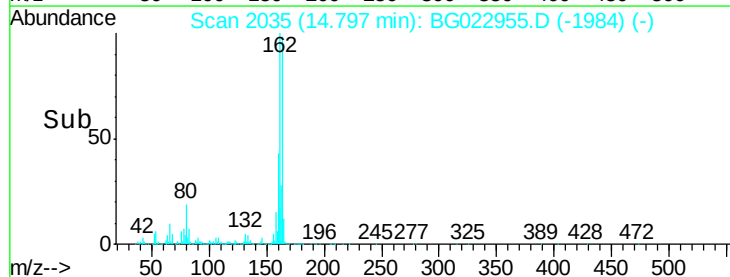
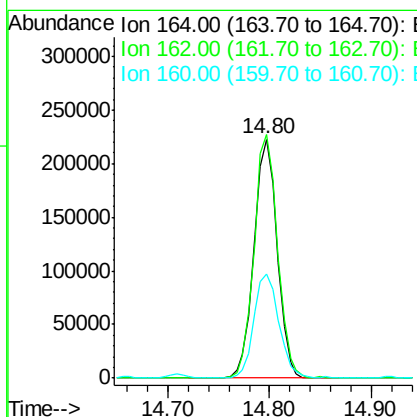
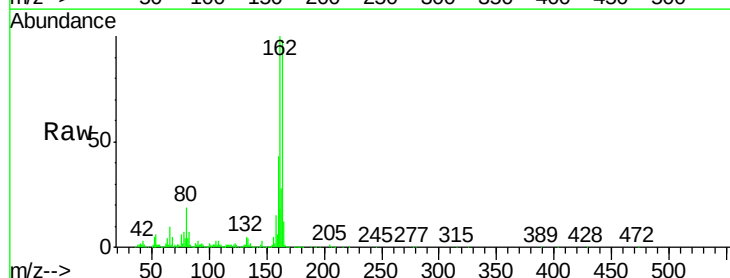
Instrument :
BNA_G
ClientSampleId :
S22-0001

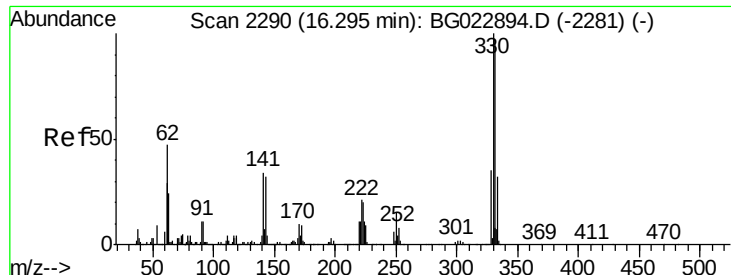
Tgt Ion: 93 Resp: 46509
Ion Ratio Lower Upper
93 100
95 2.5 25.4 38.2#
123 0.0 8.2 12.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022955.D
Acq: 9 Jul 2016 7:25

Tgt Ion: 164 Resp: 354834
Ion Ratio Lower Upper
164 100
162 102.0 87.7 131.5
160 43.8 37.2 55.8

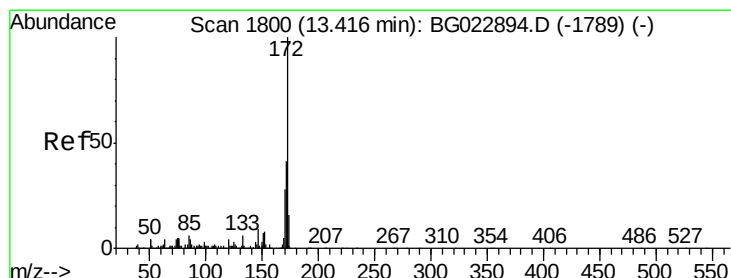
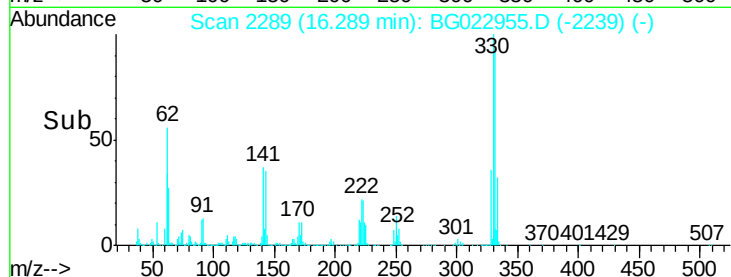
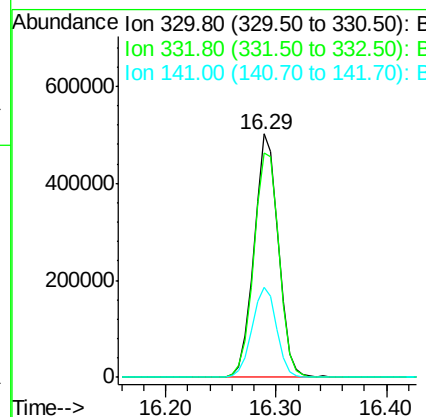
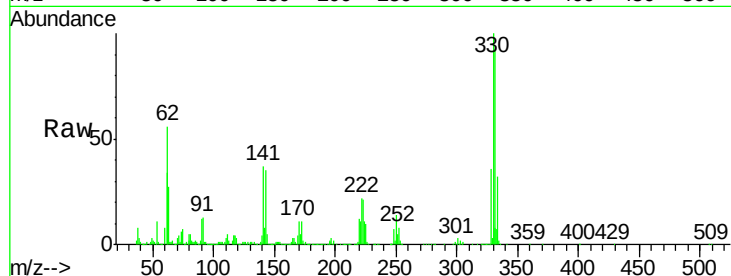




#41
 2,4,6-Tribromophenol
 Concen: 121.14 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022955.D
 Acq: 9 Jul 2016 7:25

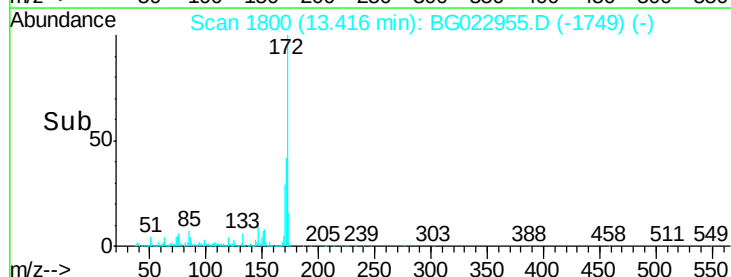
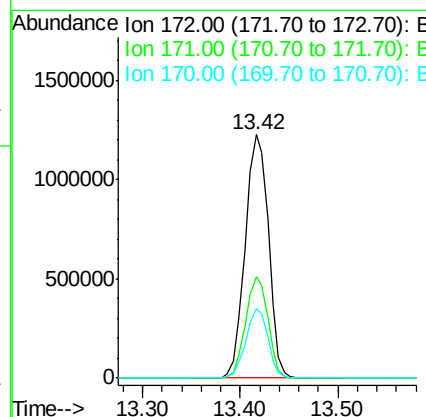
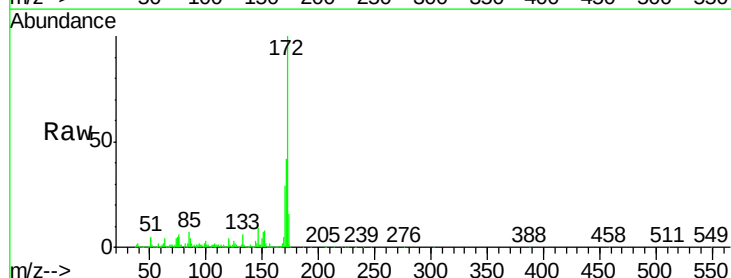
Instrument :
 BNA_G
 ClientSampleId :
 S22-0001

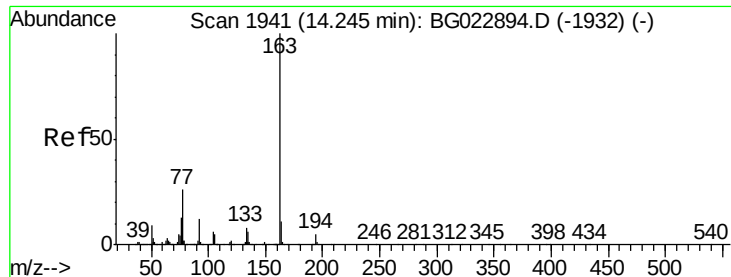
Tgt Ion:330 Resp: 772525
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 37.4 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 90.27 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022955.D
 Acq: 9 Jul 2016 7:25

Tgt Ion:172 Resp: 2033542
 Ion Ratio Lower Upper
 172 100
 171 41.9 31.6 47.4
 170 28.7 21.3 31.9





#49

Dimethylphthalate

Concen: 4.91 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

Instrument :

BNA_G

ClientSampleId :

S22-0001

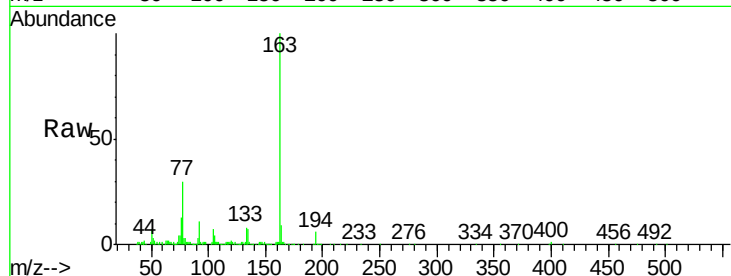
Tgt Ion:163 Resp: 142358

Ion Ratio Lower Upper

163 100

194 5.6 3.6 5.4#

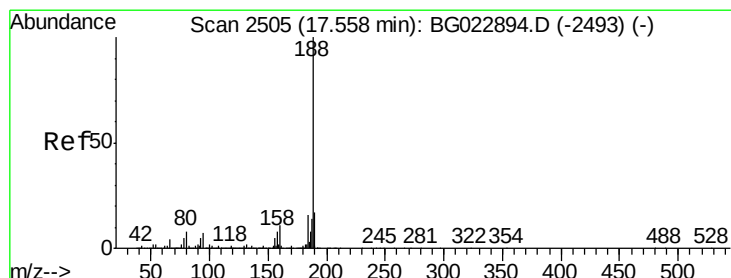
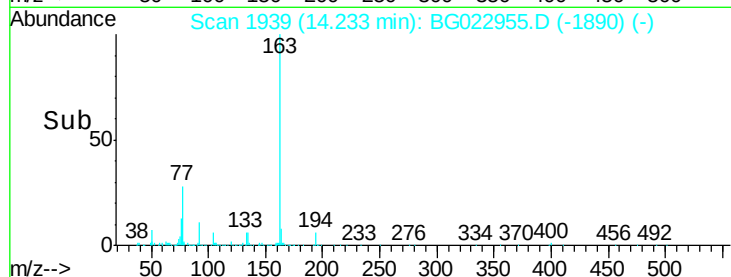
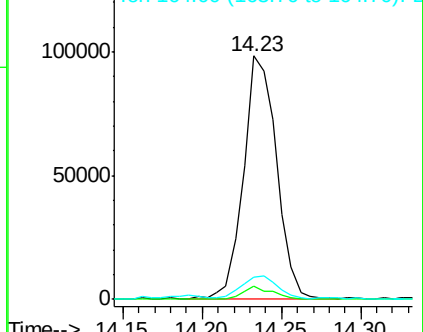
164 9.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

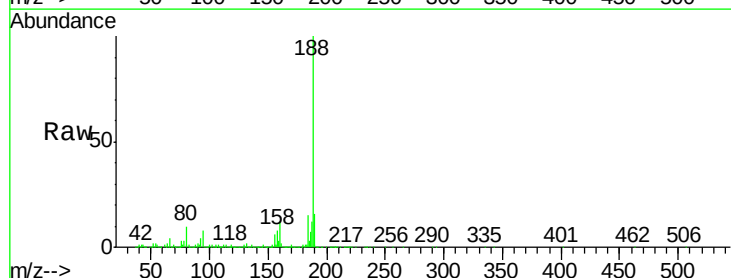
Tgt Ion:188 Resp: 848251

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

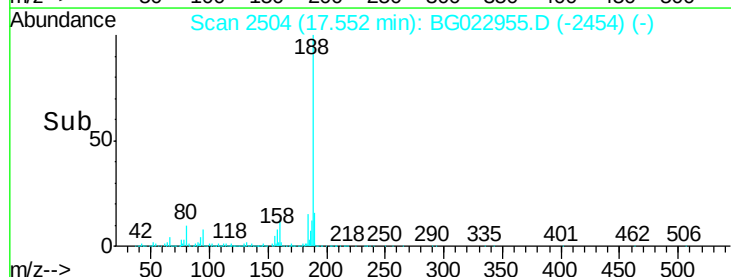
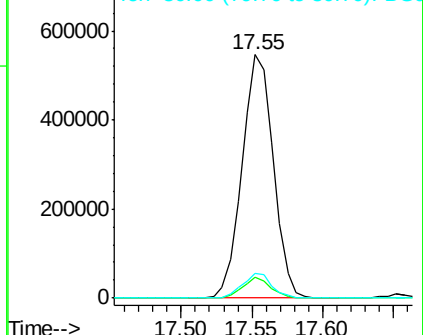
80 9.9 7.2 10.8

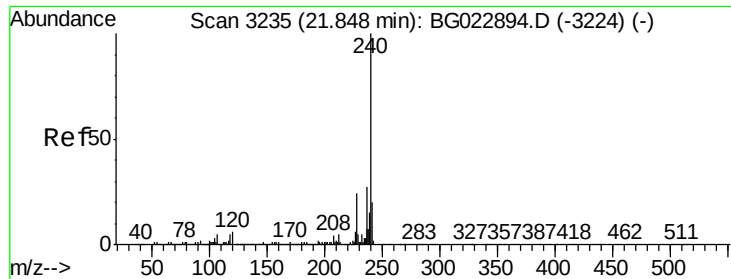


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

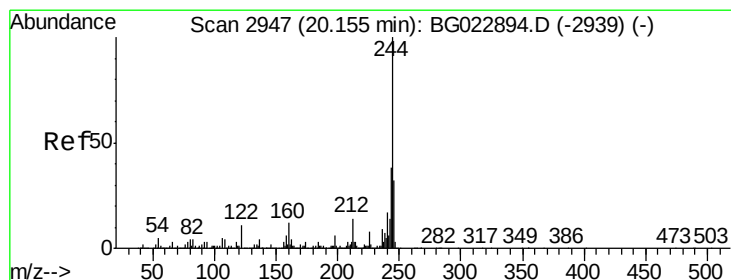
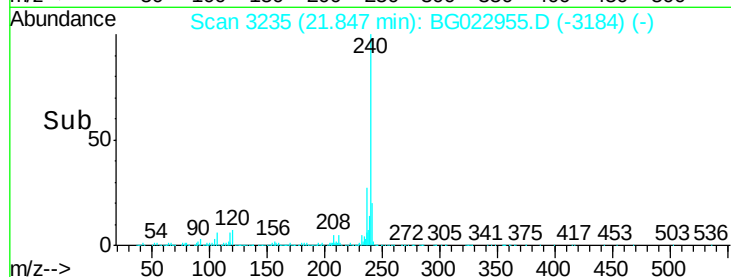
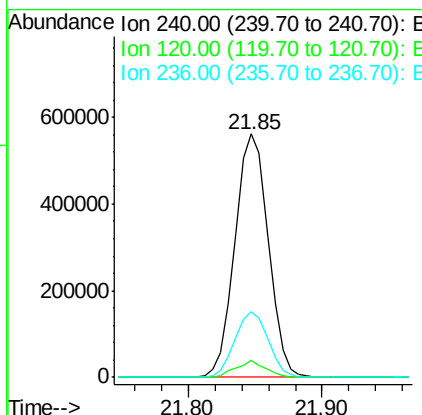
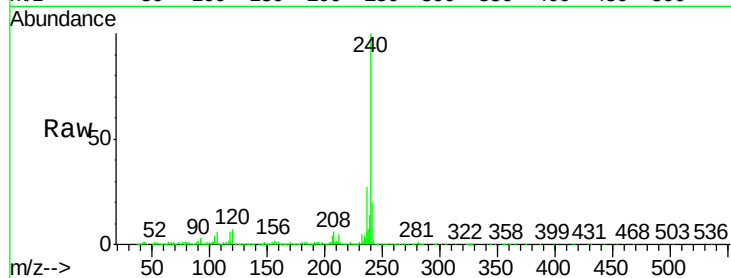




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022955.D
Acq: 9 Jul 2016 7:25

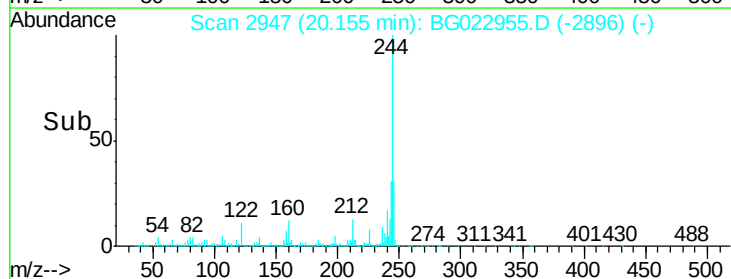
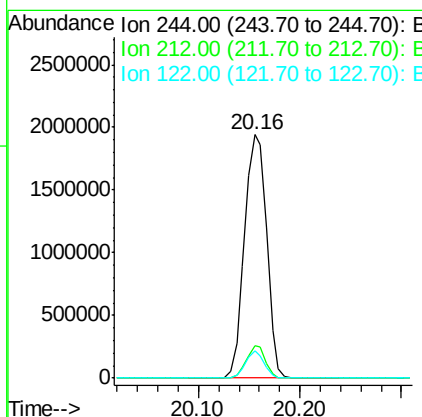
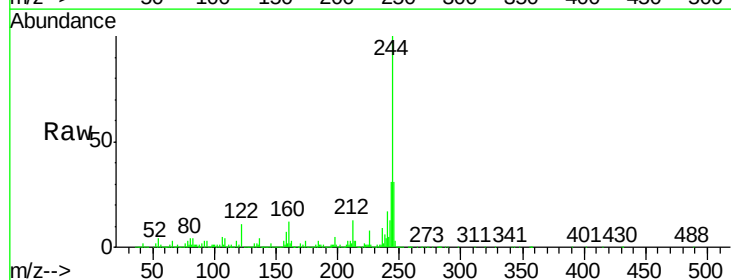
Instrument :
BNA_G
ClientSampleId :
S22-0001

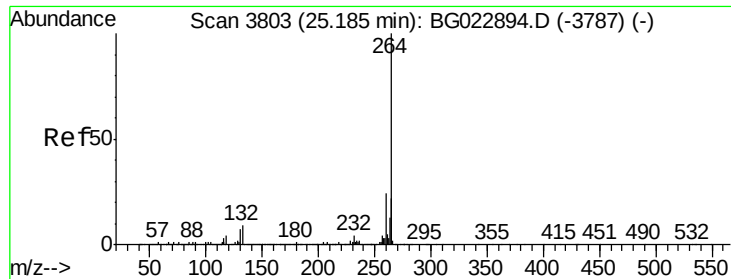
Tgt Ion:240 Resp: 969736
Ion Ratio Lower Upper
240 100
120 6.8 4.1 6.1#
236 26.7 21.1 31.7



#78
Terphenyl-d14
Concen: 105.52 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG022955.D
Acq: 9 Jul 2016 7:25

Tgt Ion:244 Resp: 2942578
Ion Ratio Lower Upper
244 100
212 13.5 10.8 16.2
122 11.4 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022955.D

Acq: 9 Jul 2016 7:25

Instrument :

BNA_G

ClientSampleId :

S22-0001

Tgt Ion:264 Resp: 999743

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.6 18.9 28.3

