

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071116\
 Data File : BG023021.D
 Acq On : 12 Jul 2016 4:38
 Operator : UM/SJ
 Sample : H3967-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0010

Quant Time: Jul 13 02:03:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

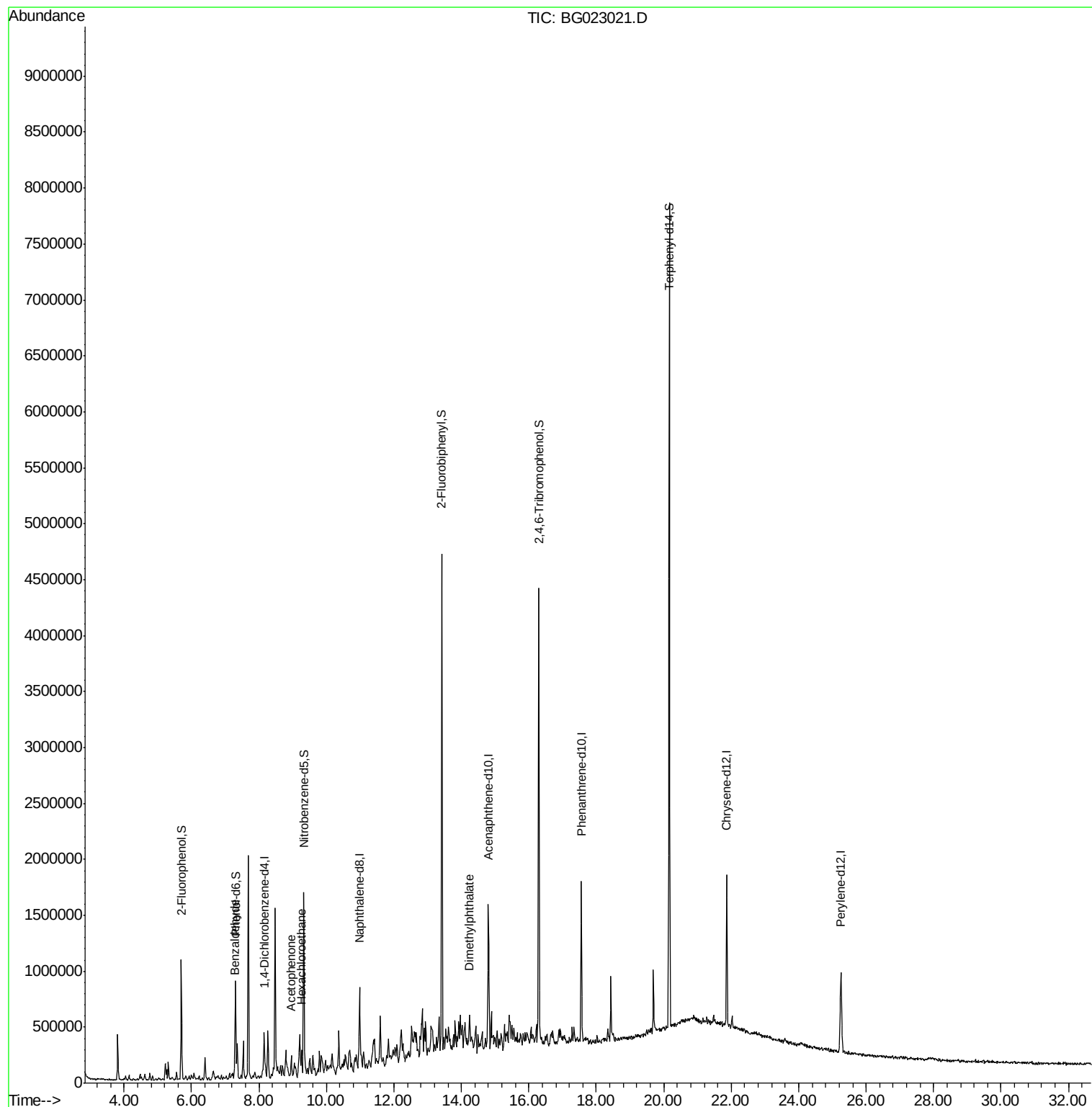
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	103092	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	506461	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	395213	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	822158	20.00	ng	0.00
75) Chrysene-d12	21.87	240	860002	20.00	ng	0.02
86) Perylene-d12	25.25	264	883639	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	440294	69.85	ng	0.00
7) Phenol-d6	7.31	99	490854	49.72	ng	0.00
23) Nitrobenzene-d5	9.32	82	1034906	87.50	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	774212	109.00	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2156550	85.95	ng	0.00
78) Terphenyl-d14	20.16	244	2659412	109.50	ng	0.00
Target Compounds						
9) Benzaldehyde	7.29	77	17019	2.58	ng	# 1
18) Hexachloroethane	9.26	117	13667	3.94	ng	# 1
22) Acetophenone	8.96	105	123010	8.09	ng	# 56
49) Dimethylphthalate	14.24	163	177130	5.49	ng	99

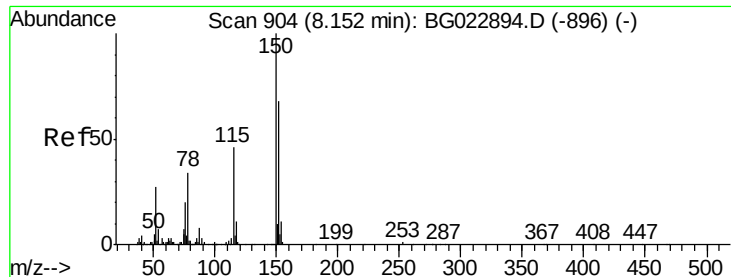
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

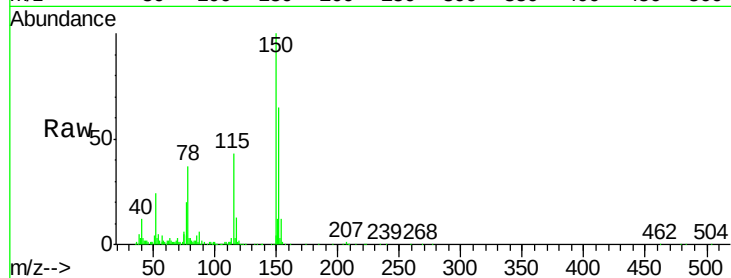
Tgt Ion:152 Resp: 103092

Ion Ratio Lower Upper

152 100

150 154.7 144.7 217.1

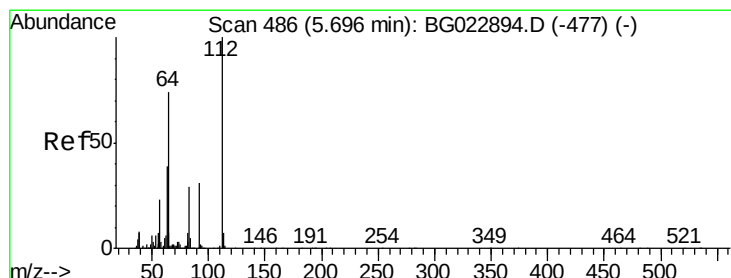
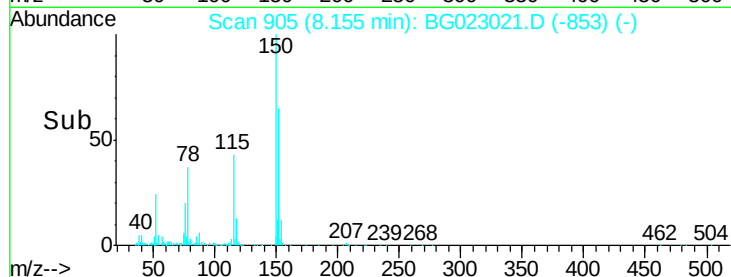
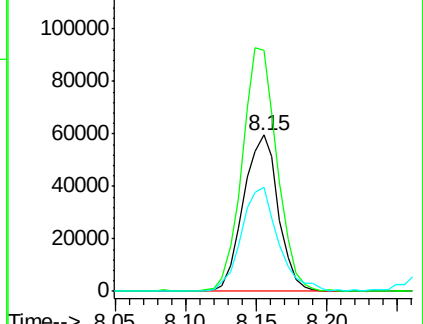
115 66.9 64.0 96.0



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: 69.85 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

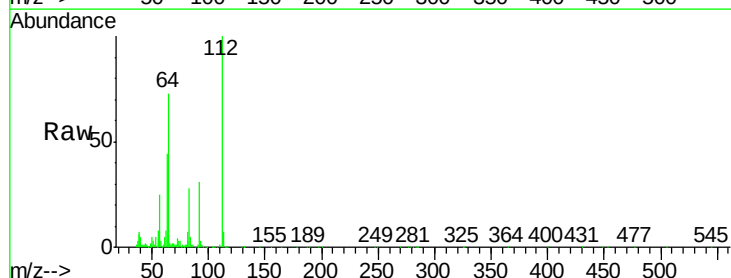
Tgt Ion:112 Resp: 440294

Ion Ratio Lower Upper

112 100

64 73.4 59.0 88.4

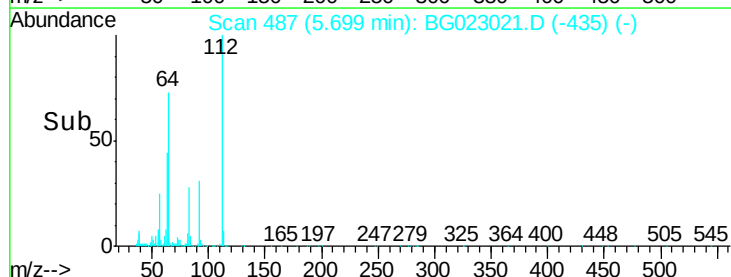
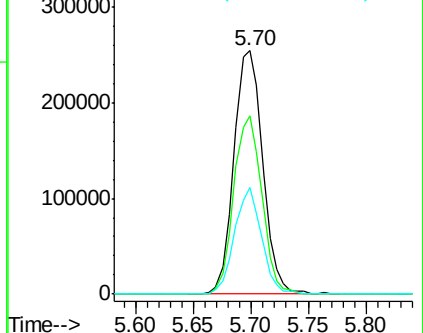
63 43.6 37.8 56.8

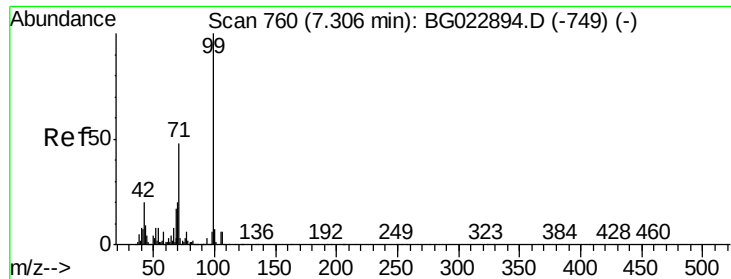


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 49.72 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

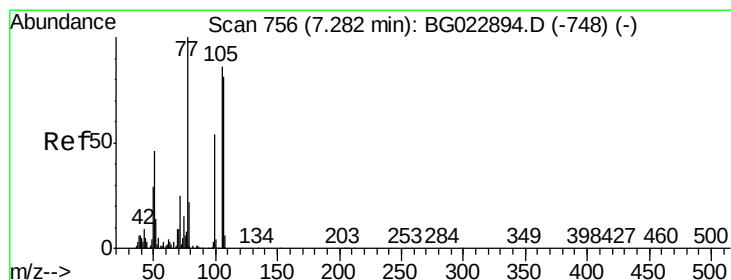
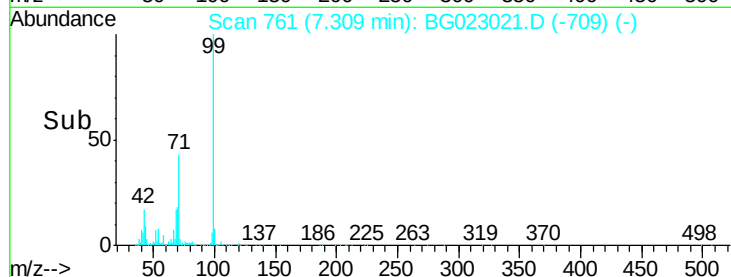
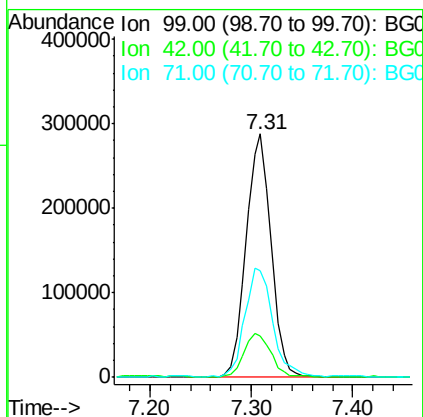
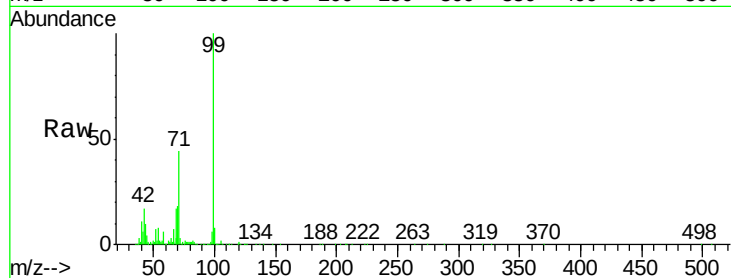
Tgt Ion: 99 Resp: 490854

Ion Ratio Lower Upper

99 100

42 17.1 17.8 26.6#

71 44.1 41.5 62.3



#9

Benzaldehyde

Concen: 2.58 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

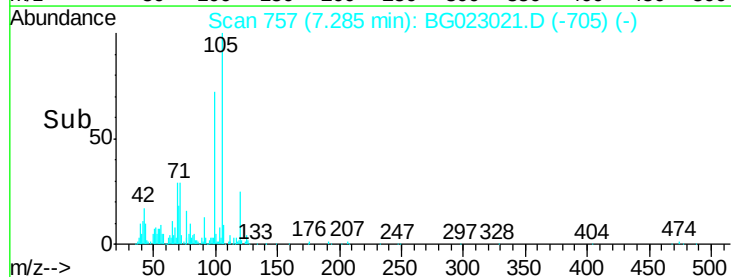
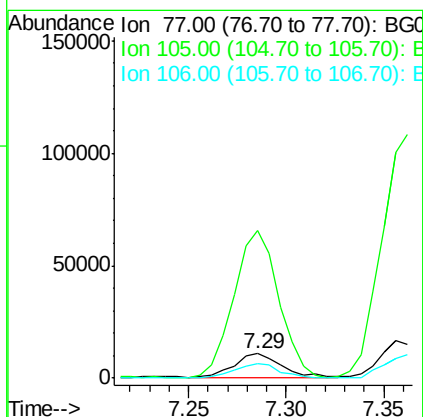
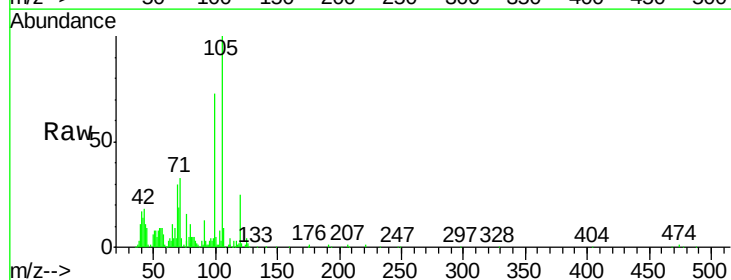
Tgt Ion: 77 Resp: 17019

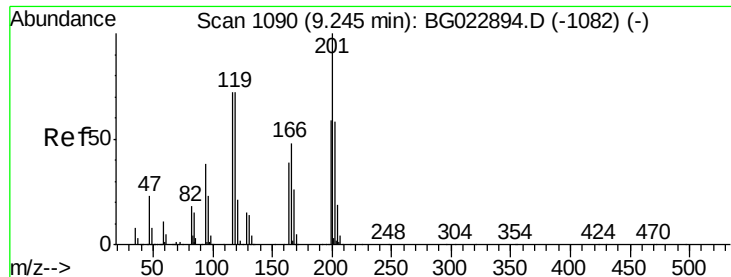
Ion Ratio Lower Upper

77 100

105 609.4 58.7 98.7#

106 57.3 67.5 107.5#

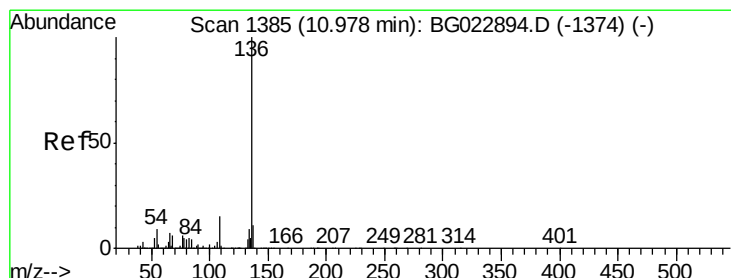
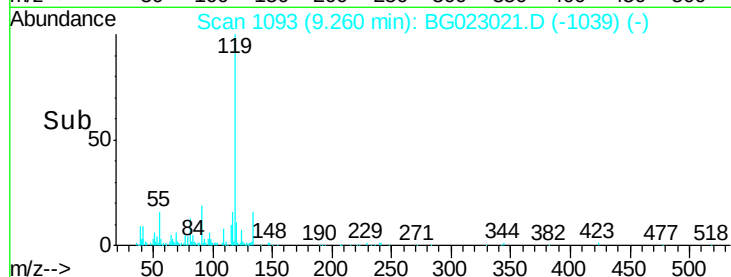
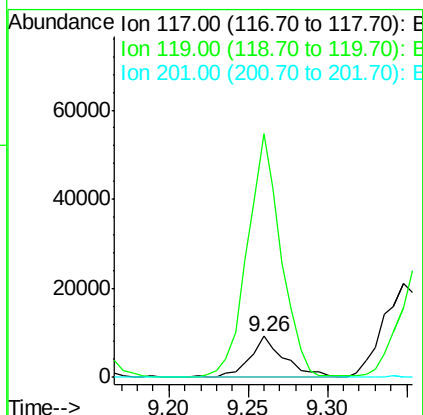
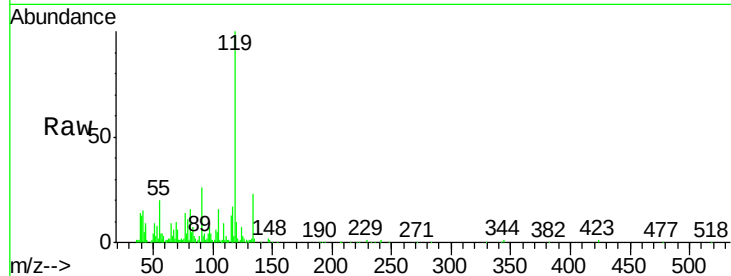




#18
Hexachloroethane
Concen: 3.94 ng
RT: 9.26 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

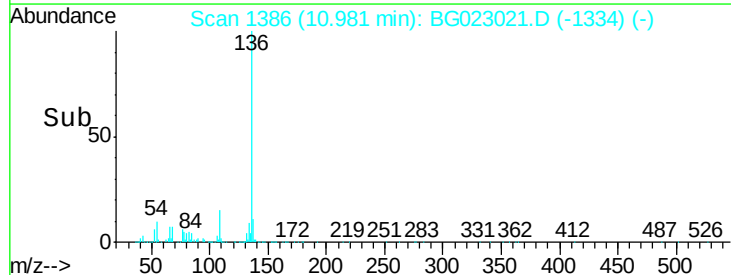
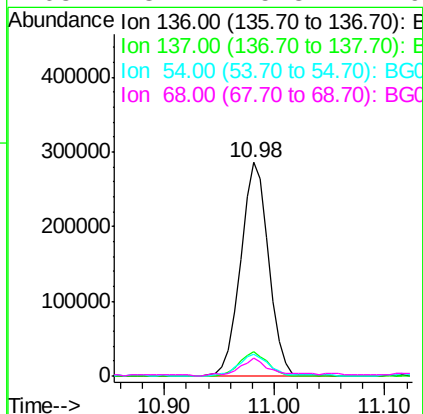
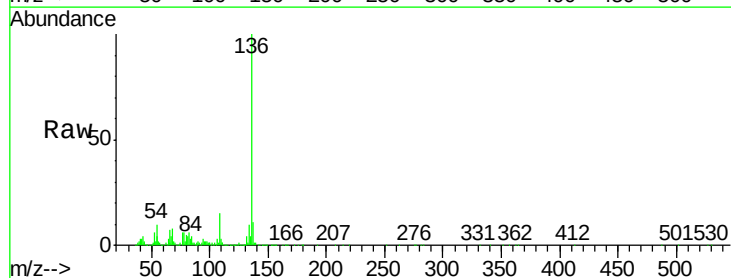
Instrument :
BNA_G
ClientSampleId :
S22-0010

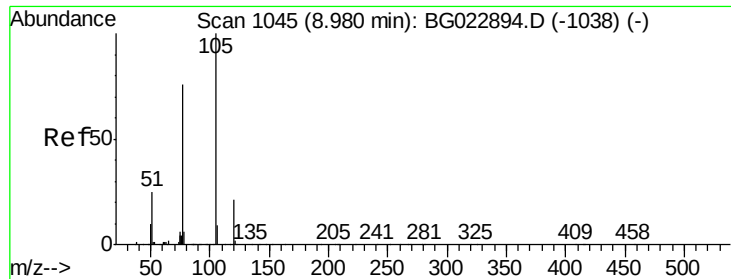
Tgt Ion:117 Resp: 13667
Ion Ratio Lower Upper
117 100
119 594.8 73.7 110.5#
201 0.0 88.7 133.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

Tgt Ion:136 Resp: 506461
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.3 7.3 10.9
68 8.2 5.3 7.9#





#22

Acetophenone

Concen: 8.09 ng

RT: 8.96 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

Tgt Ion: 105 Resp: 123010

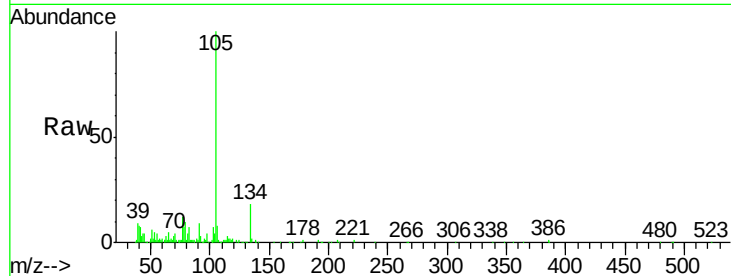
Ion Ratio Lower Upper

105 100

71 0.9 2.6 3.8#

51 6.0 27.1 40.7#

120 0.0 15.1 22.7#



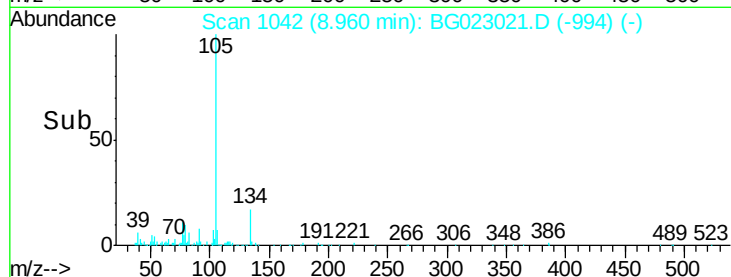
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

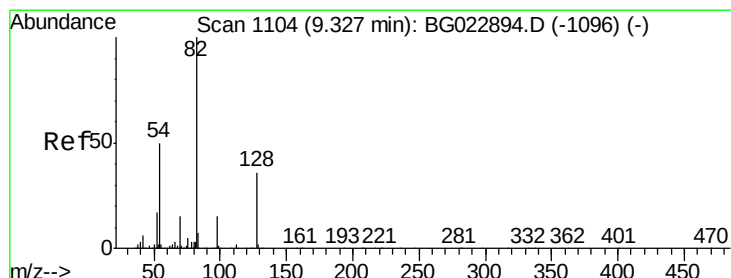
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 87.50 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

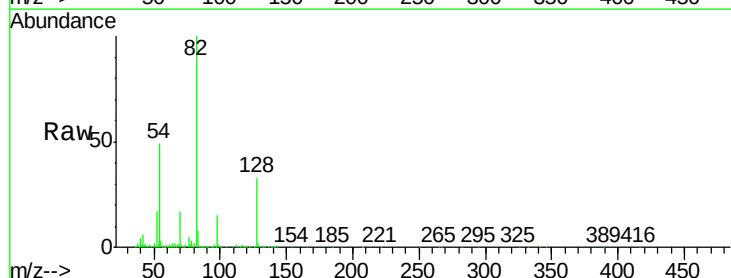
Tgt Ion: 82 Resp: 1034906

Ion Ratio Lower Upper

82 100

128 33.4 24.4 36.6

54 49.4 41.4 62.0

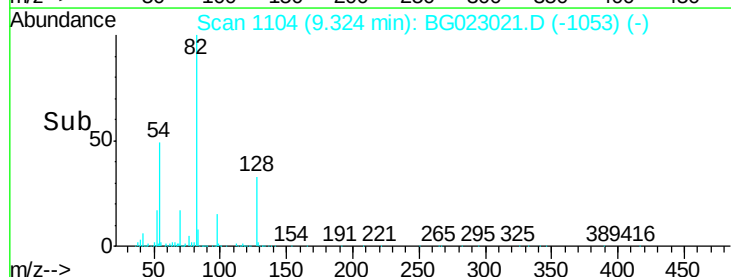


Abundance Ion 82.00 (81.70 to 82.70): BGC

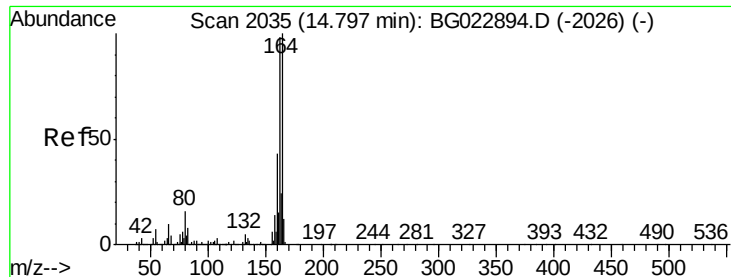
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

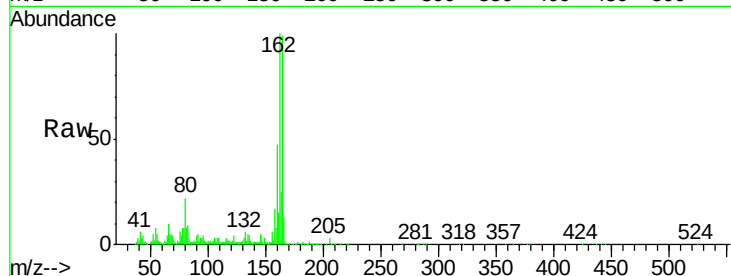
Tgt Ion:164 Resp: 395213

Ion Ratio Lower Upper

164 100

162 101.3 87.7 131.5

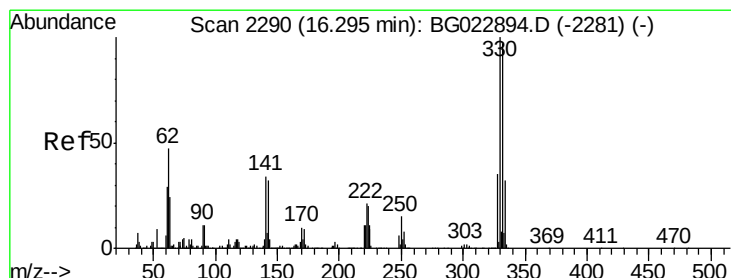
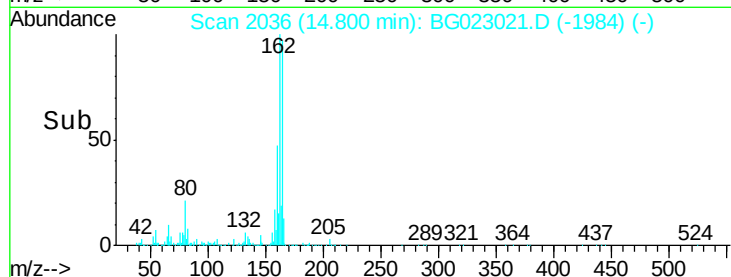
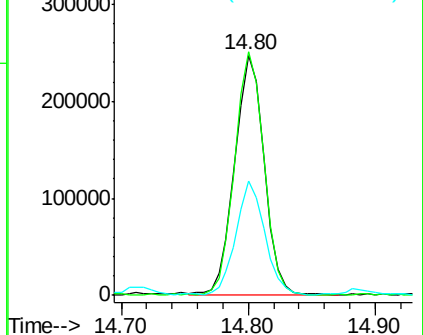
160 47.6 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.00 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

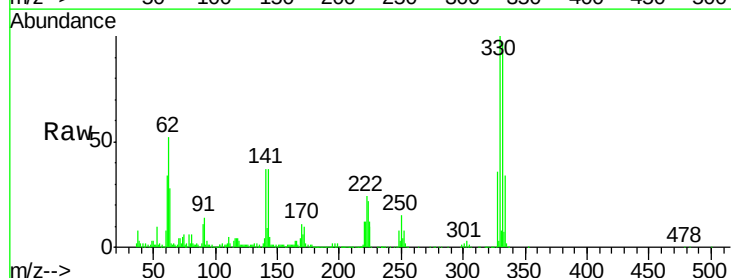
Tgt Ion:330 Resp: 774212

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

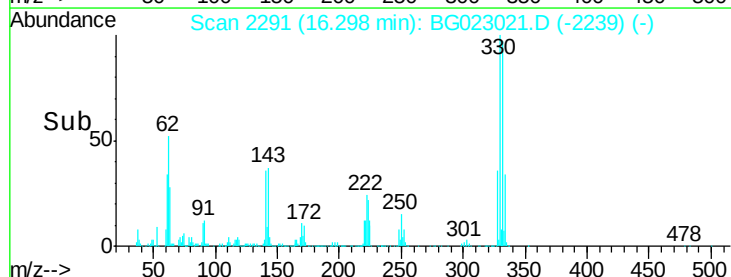
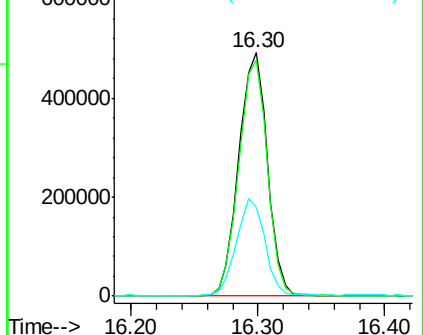
141 39.3 31.7 47.5

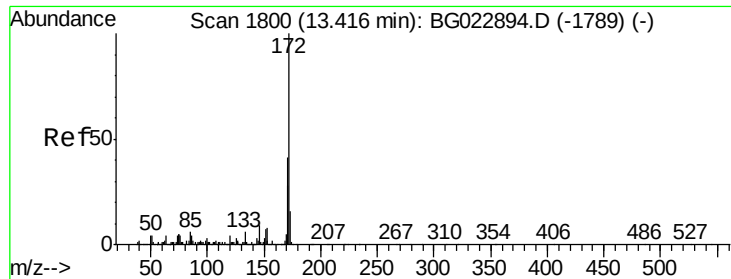


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

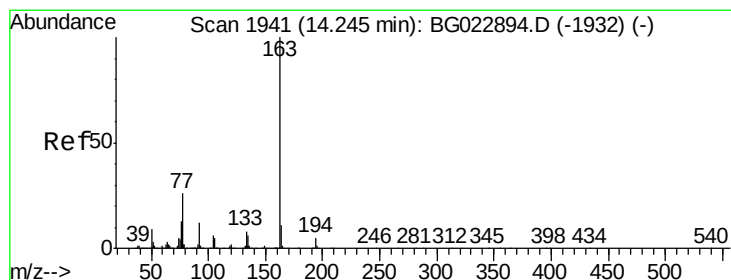
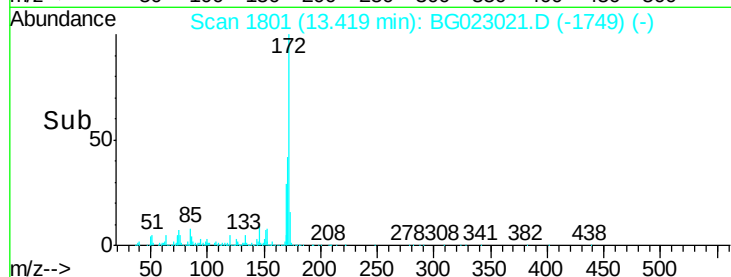
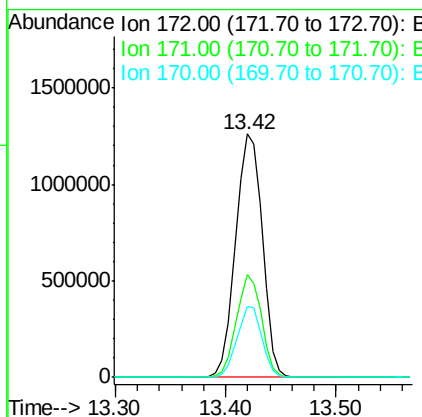
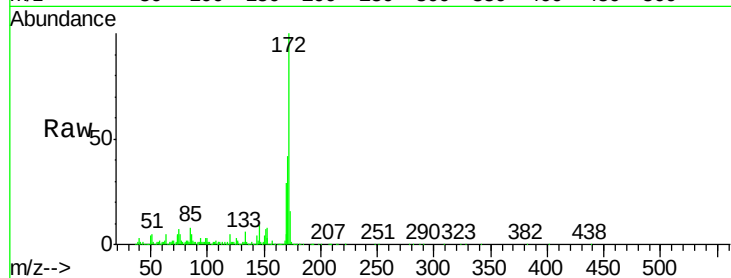




#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023021.D
 Acq: 12 Jul 2016 4:38

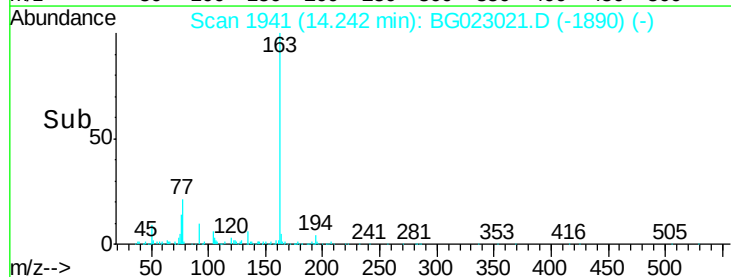
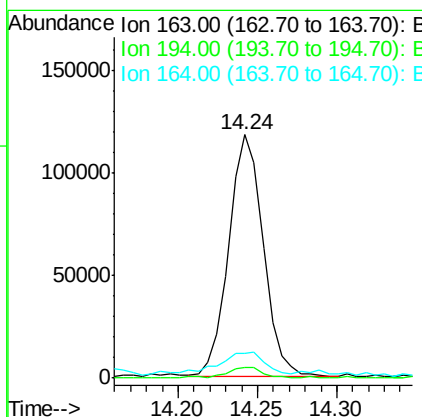
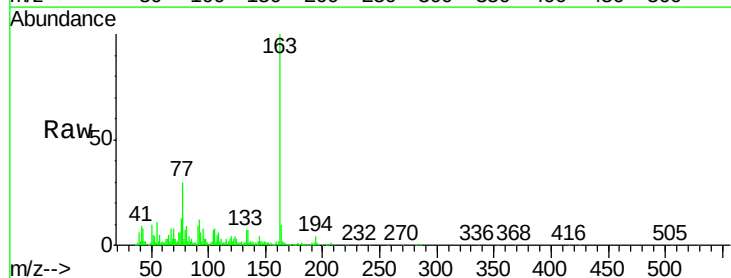
Instrument :
 BNA_G
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 S22-0010

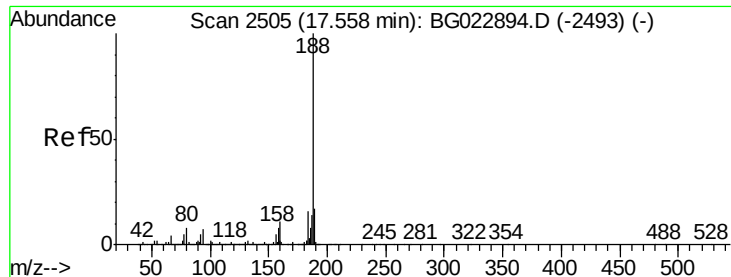
Tgt Ion:172 Resp: 2156550
 Ion Ratio Lower Upper
 172 100
 171 42.4 31.6 47.4
 170 28.9 21.3 31.9



#49
 Dimethylphthalate
 Concen: 5.49 ng
 RT: 14.24 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: BG023021.D
 Acq: 12 Jul 2016 4:38

Tgt Ion:163 Resp: 177130
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.6 5.4
 164 10.3 8.1 12.1

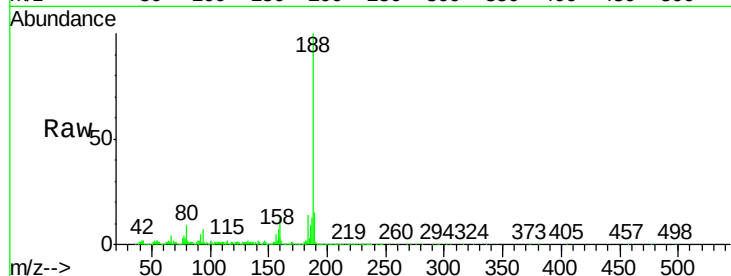




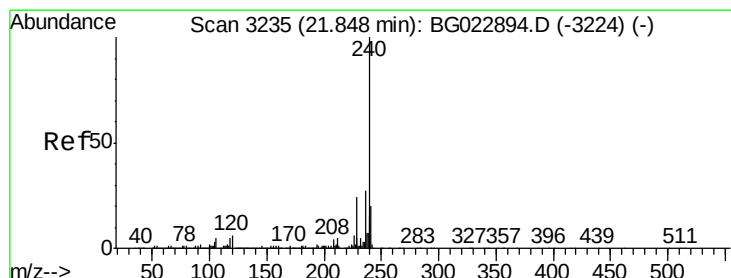
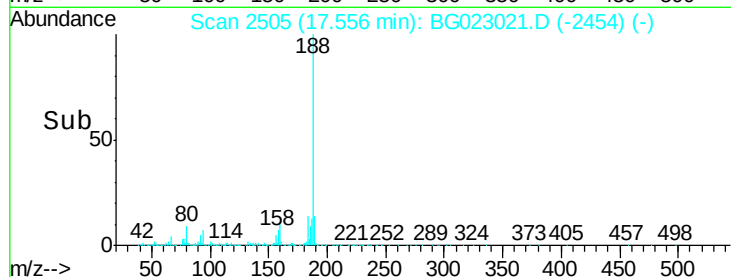
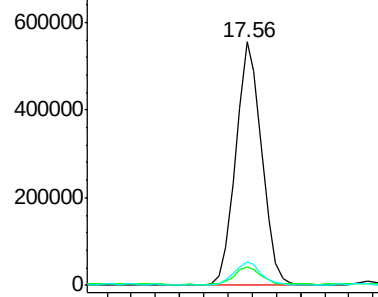
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

Instrument :
BNA_G
ClientSampleId :
S22-0010

Tgt Ion:188 Resp: 822158
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 9.4 7.2 10.8

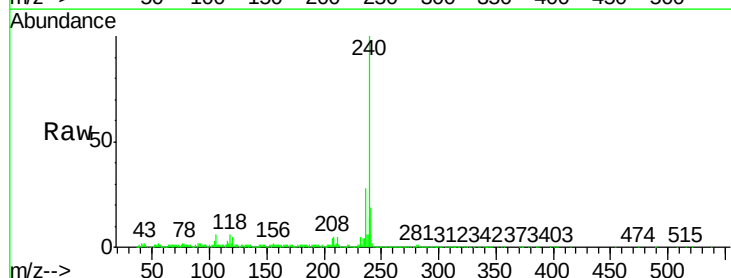


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

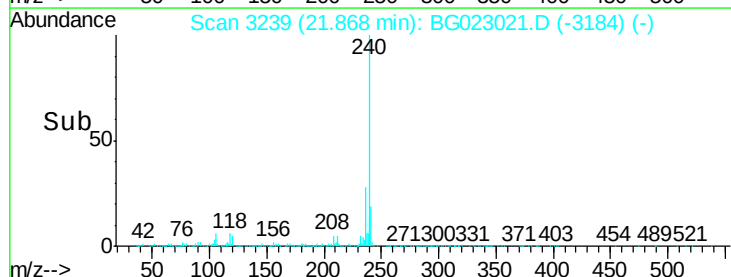
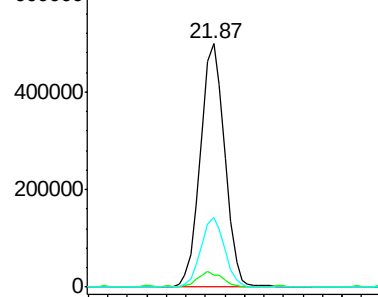


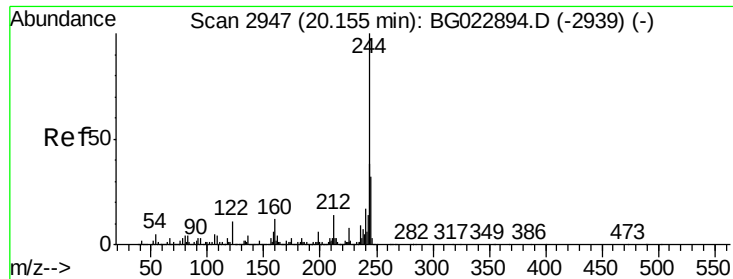
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

Tgt Ion:240 Resp: 860002
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 28.4 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.50 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

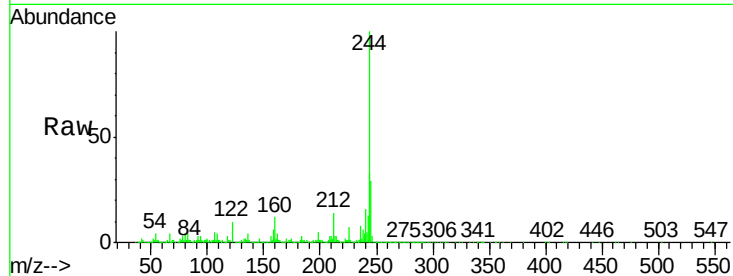
Tgt Ion:244 Resp: 2659412

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

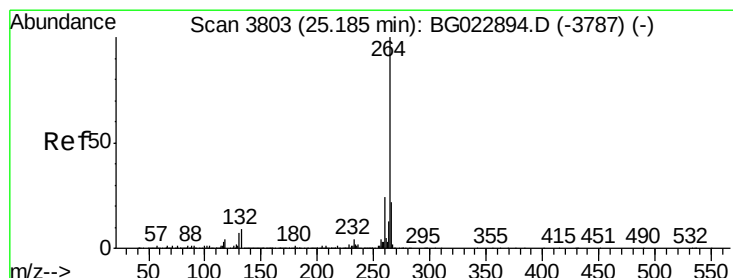
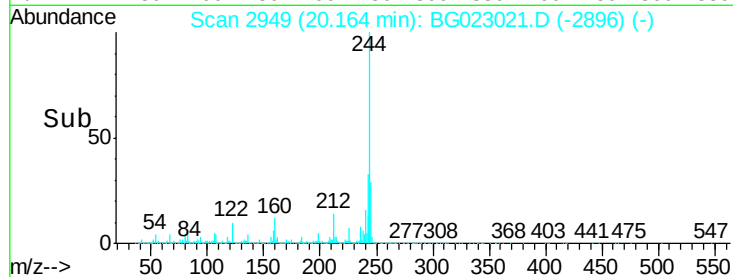
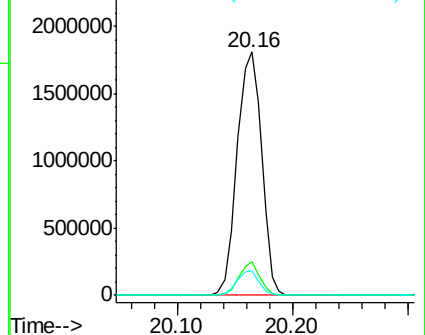
122 10.1 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

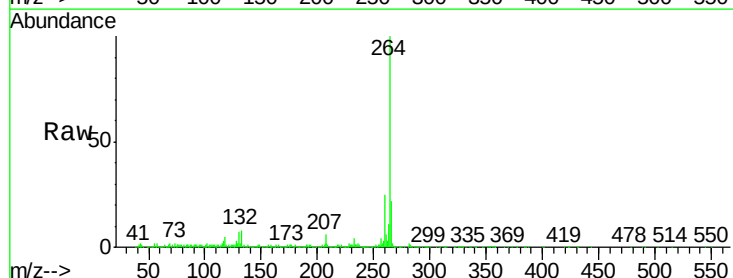
Tgt Ion:264 Resp: 883639

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 22.3 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

