

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082516\
 Data File : BG023920.D
 Acq On : 26 Aug 2016 11:15
 Operator : UM/SJ
 Sample : PB93089TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93089TB

Quant Time: Aug 26 12:56:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 11:26:50 2016
 Response via : Initial Calibration

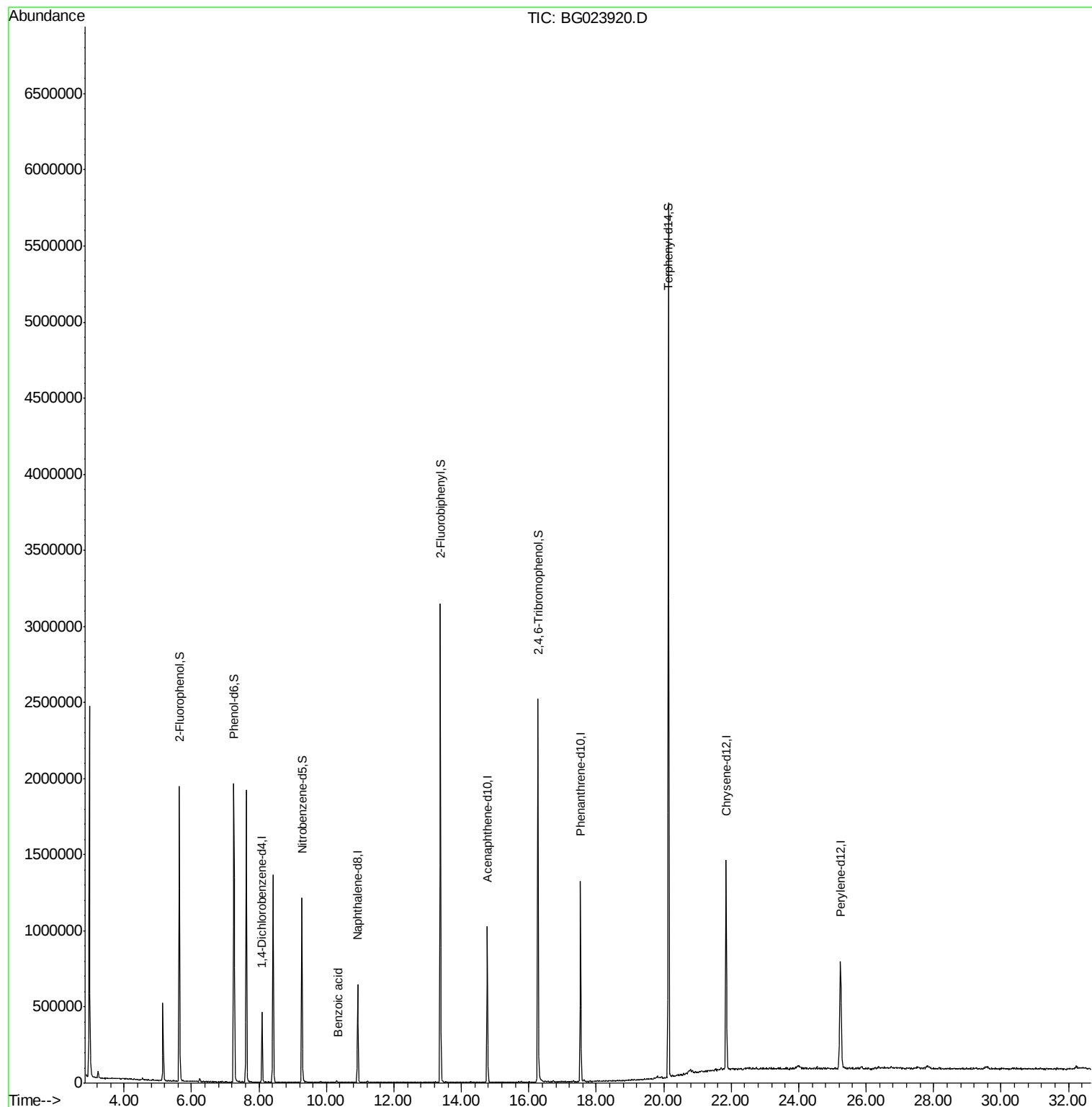
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	126066	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	517913	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	343024	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	835249	20.00	ng	0.00
75) Chrysene-d12	21.85	240	887527	20.00	ng	0.00
86) Perylene-d12	25.24	264	827832	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	802338	107.13	ng	0.00
7) Phenol-d6	7.26	99	1162832	99.68	ng	0.00
23) Nitrobenzene-d5	9.27	82	776020	74.49	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	464370	92.55	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1538409	75.64	ng	0.00
78) Terphenyl-d14	20.14	244	2225834	68.42	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	71	Below Cal	#	8
32) Benzoic acid	10.34	122	57	6.45 ng	#	1
73) Di-n-butylphthalate	18.49	149	2572	Below Cal	#	73
74) Fluoranthene	19.60	202	447	Below Cal	#	37
77) Pyrene	19.96	202	644	Below Cal	#	57

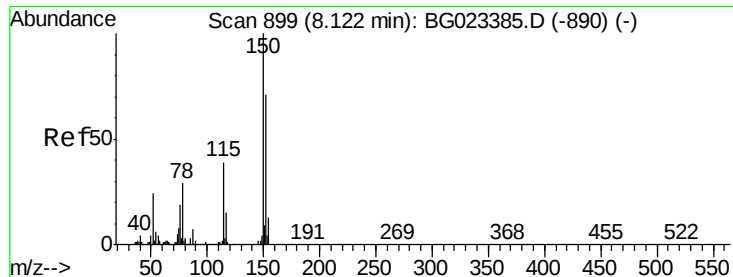
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

Instrument :

BNA_G

ClientSampleId :

PB93089TB

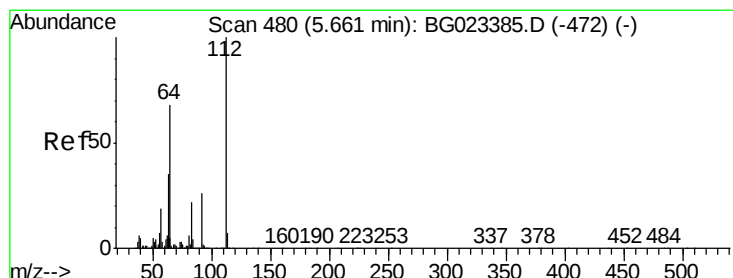
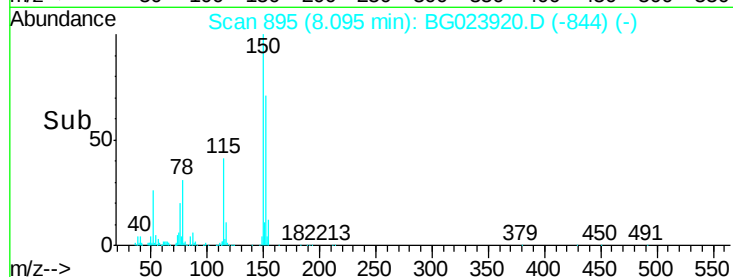
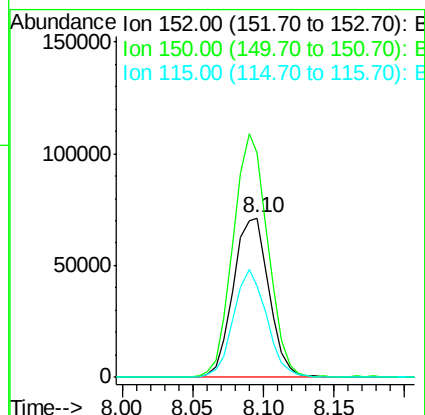
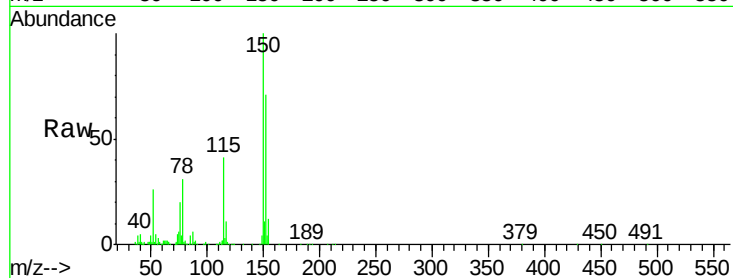
Tgt Ion:152 Resp: 126066

Ion Ratio Lower Upper

152 100

150 140.8 144.7 217.1#

115 57.2 64.0 96.0#



#5

2-Fluorophenol

Concen: 107.13 ng

RT: 5.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

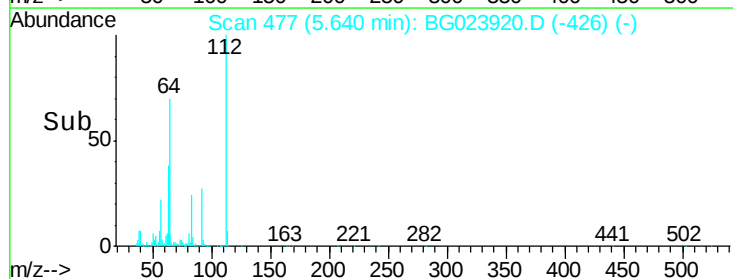
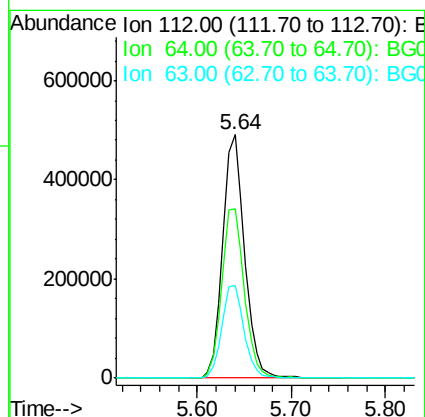
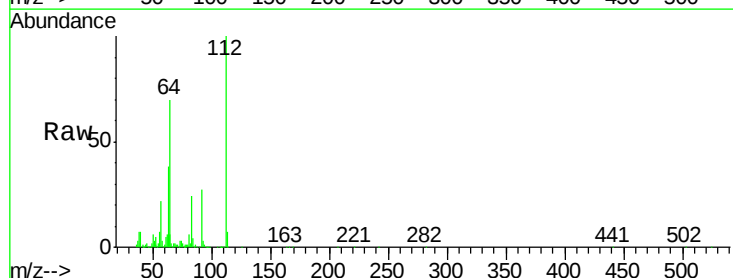
Tgt Ion:112 Resp: 802338

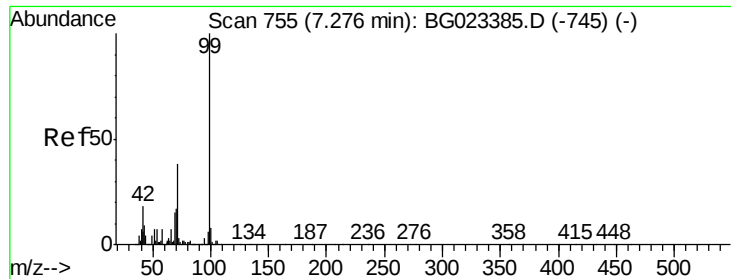
Ion Ratio Lower Upper

112 100

64 69.8 59.0 88.4

63 38.2 37.8 56.8





#7

Phenol-d6

Concen: 99.68 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

Instrument :

BNA_G

ClientSampleId :

PB93089TB

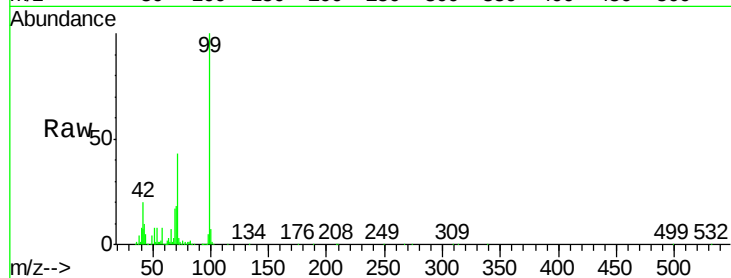
Tgt Ion: 99 Resp: 1162832

Ion Ratio Lower Upper

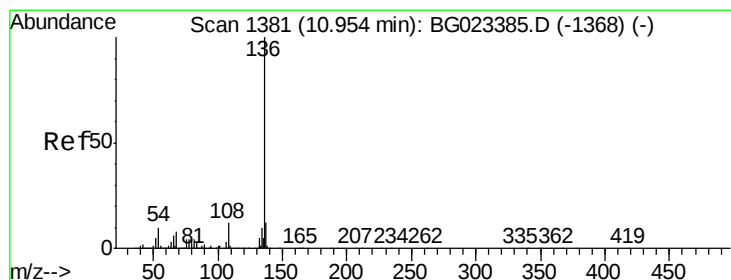
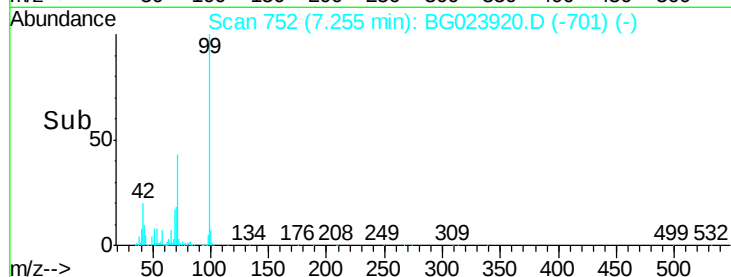
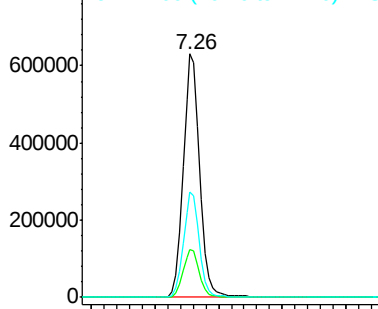
99 100

42 19.8 17.8 26.6

71 43.2 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

Tgt Ion: 136 Resp: 517913

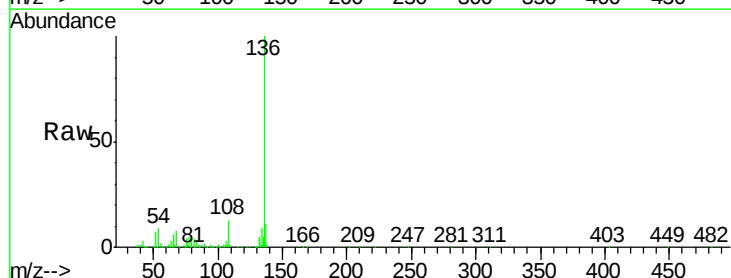
Ion Ratio Lower Upper

136 100

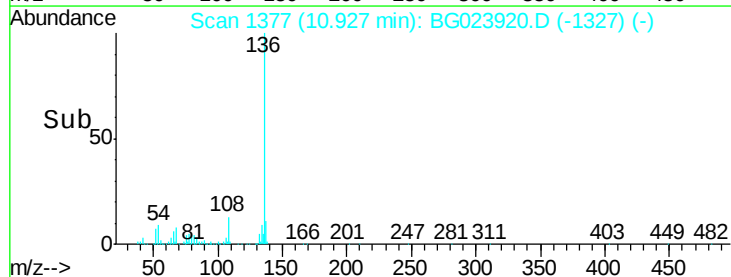
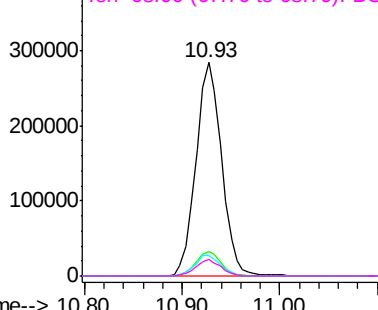
137 11.5 9.6 14.4

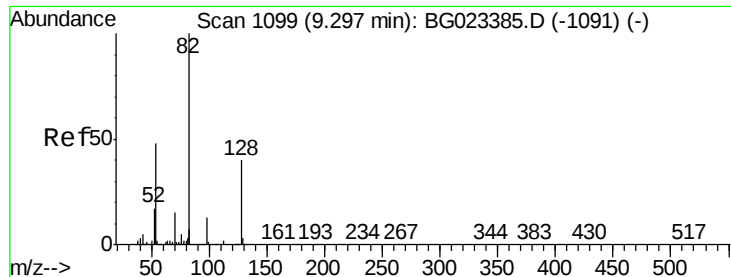
54 9.5 7.3 10.9

68 8.0 5.3 7.9#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

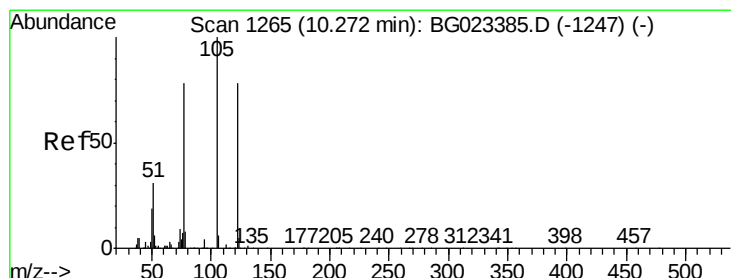
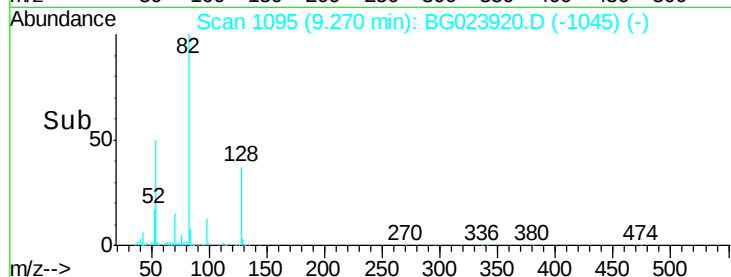
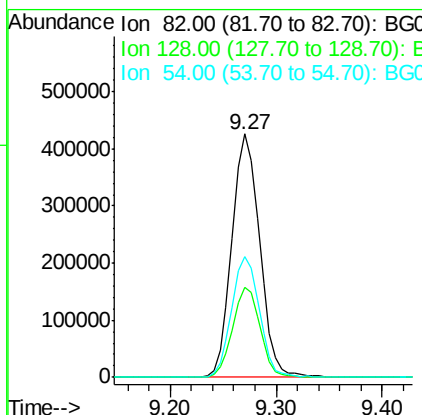
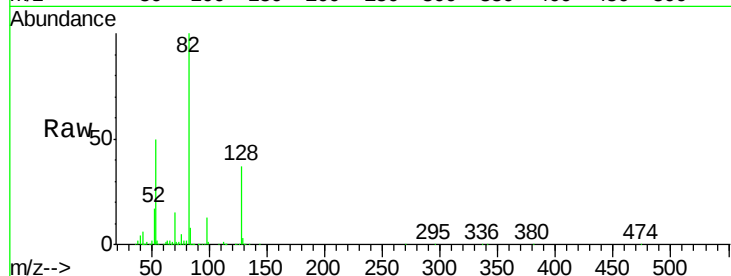




#23
 Nitrobenzene-d5
 Concen: 74.49 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023920.D
 Acq: 26 Aug 2016 11:15

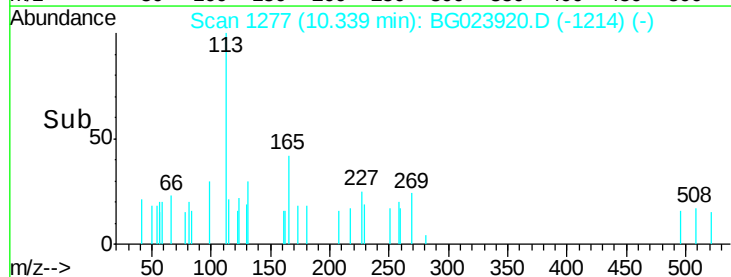
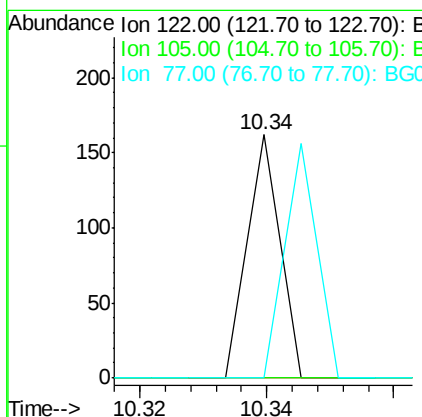
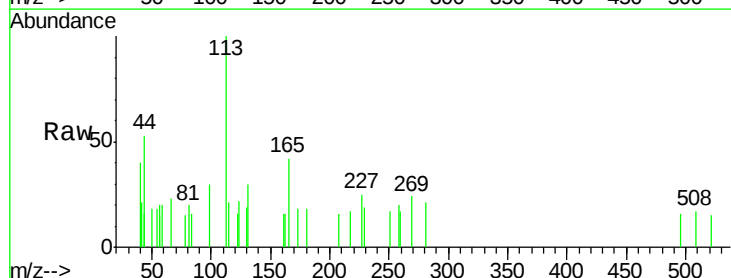
Instrument :
 BNA_G
 ClientSampleId :
 PB93089TB

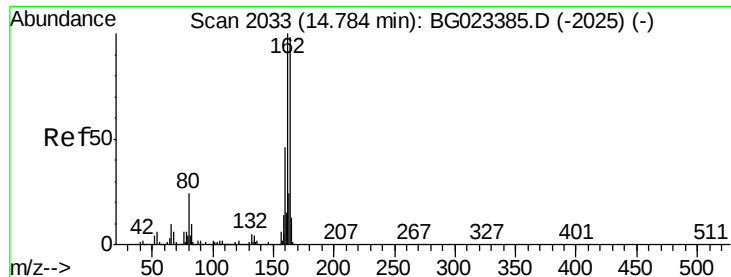
Tgt Ion: 82 Resp: 776020
 Ion Ratio Lower Upper
 82 100
 128 36.9 24.4 36.6#
 54 49.8 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.34 min Scan# 1277
 Delta R.T. 0.07 min
 Lab File: BG023920.D
 Acq: 26 Aug 2016 11:15

Tgt Ion: 122 Resp: 57
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

Instrument :

BNA_G

ClientSampleId :

PB93089TB

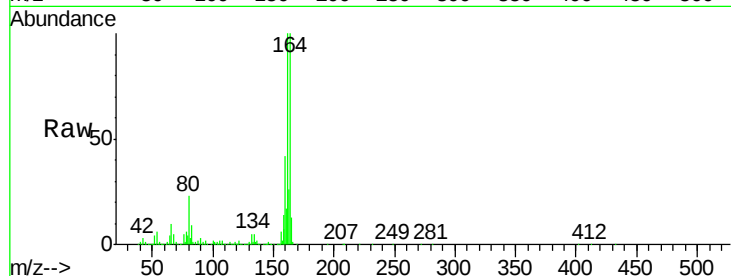
Tgt Ion:164 Resp: 343024

Ion Ratio Lower Upper

164 100

162 100.1 87.7 131.5

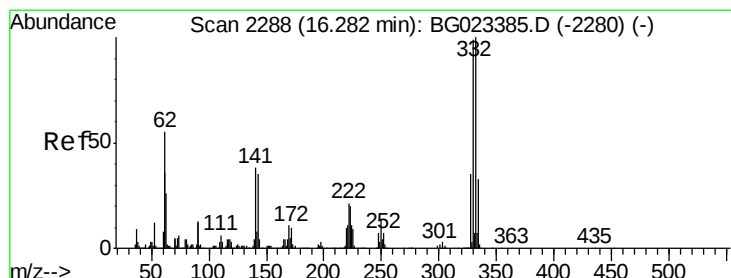
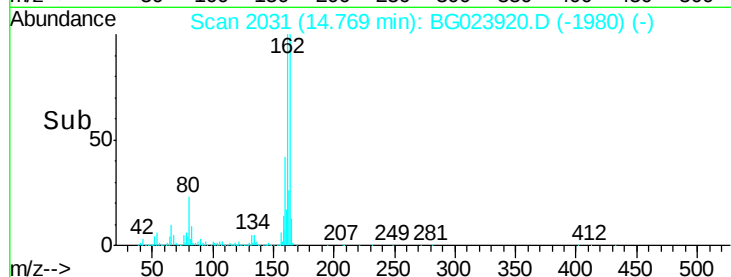
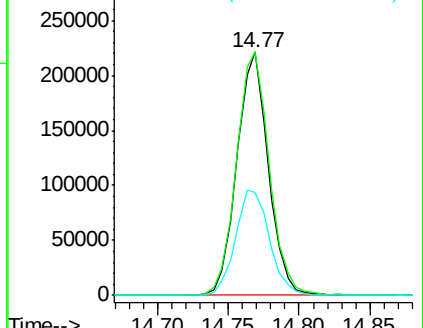
160 42.5 37.2 55.8



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: 92.55 ng

RT: 16.27 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

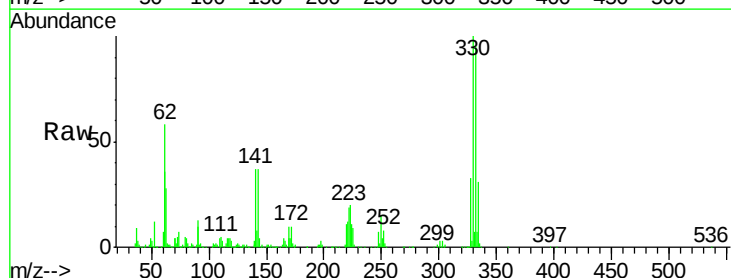
Tgt Ion:330 Resp: 464370

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

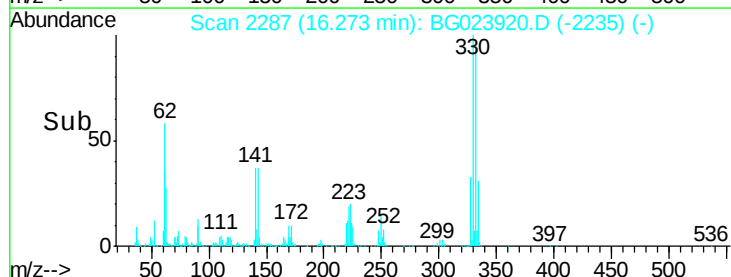
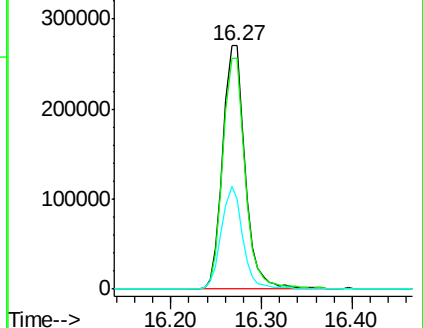
141 40.3 31.7 47.5

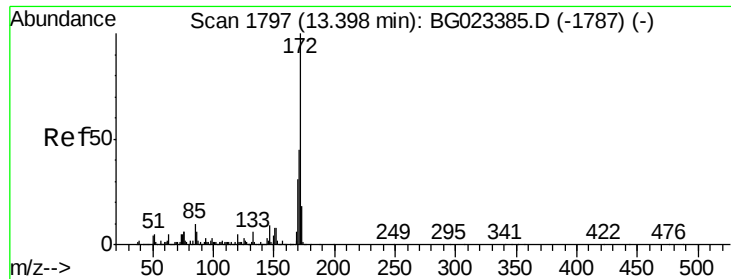


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

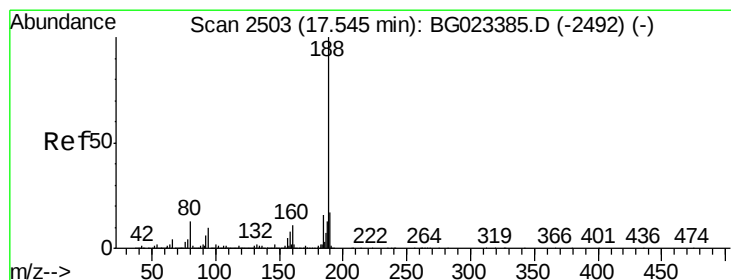
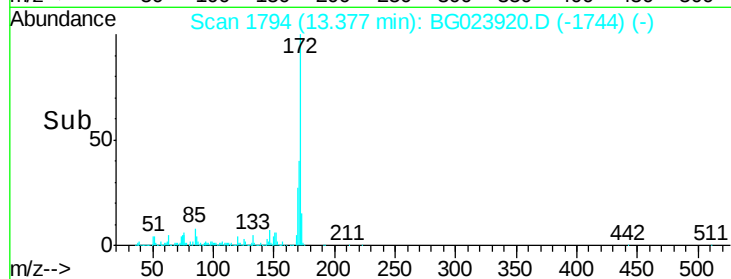
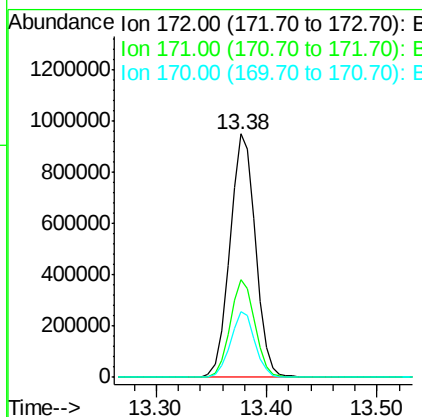
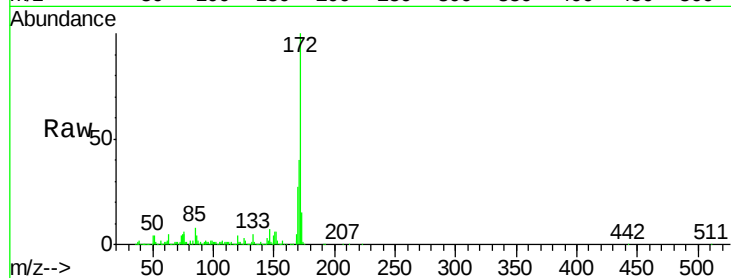




#44
 2-Fluorobiphenyl
 Concen: 75.64 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023920.D
 Acq: 26 Aug 2016 11:15

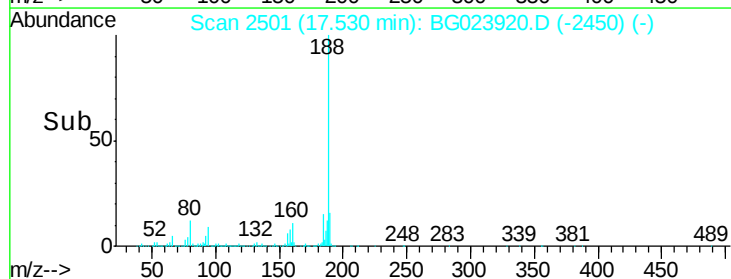
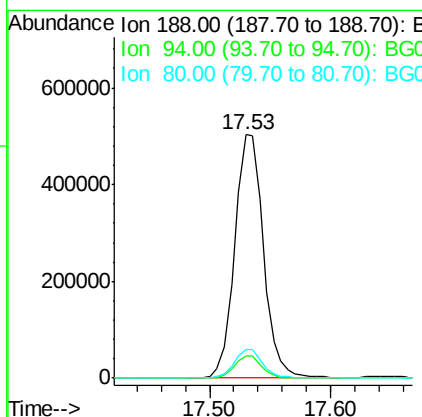
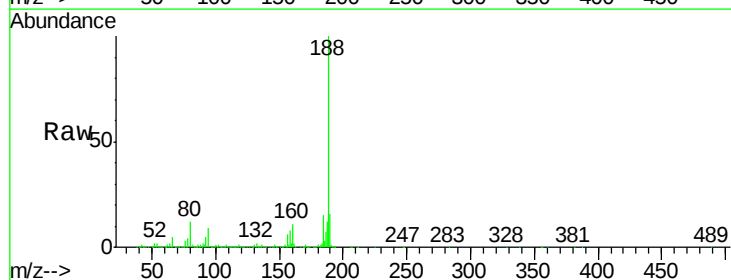
Instrument :
 BNA_G
 ClientSampleId :
 PB93089TB

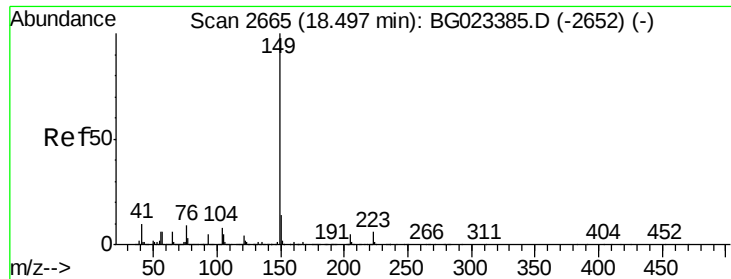
Tgt Ion:172 Resp: 1538409
 Ion Ratio Lower Upper
 172 100
 171 40.3 31.6 47.4
 170 26.8 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG023920.D
 Acq: 26 Aug 2016 11:15

Tgt Ion:188 Resp: 835249
 Ion Ratio Lower Upper
 188 100
 94 9.2 5.2 7.8#
 80 11.8 7.2 10.8#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.49 min Scan# 2665

Delta R.T. 0.02 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

Instrument :

BNA_G

ClientSampleId :

PB93089TB

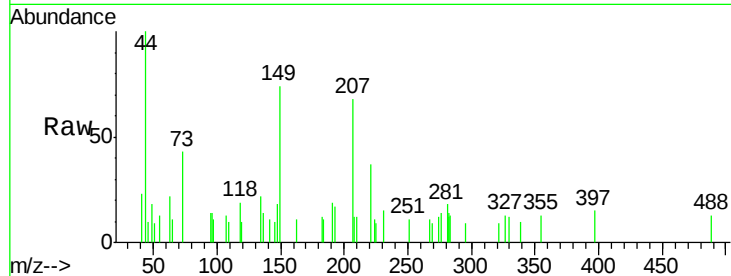
Tgt Ion:149 Resp: 2572

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

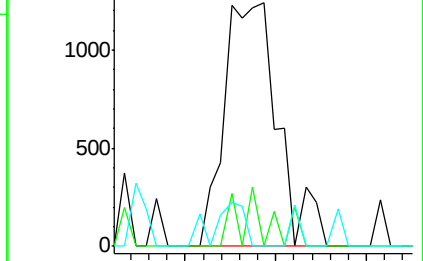
104 0.0 6.9 10.3#



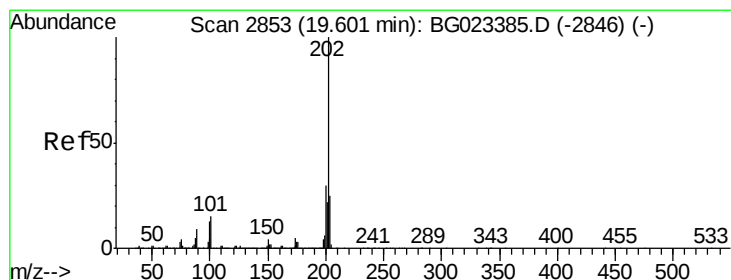
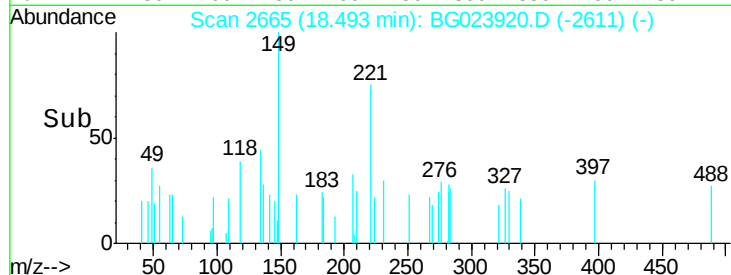
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: Below Cal

RT: 19.60 min Scan# 2854

Delta R.T. 0.02 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

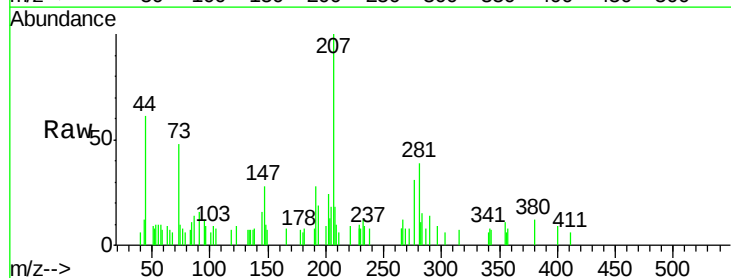
Tgt Ion:202 Resp: 447

Ion Ratio Lower Upper

202 100

101 24.8 0.0 27.4

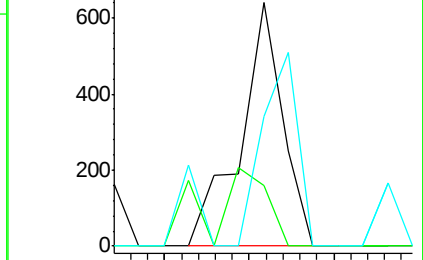
203 53.5 1.7 41.7#



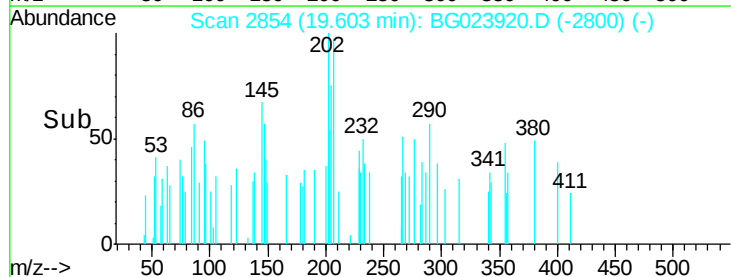
Abundance Ion 202.00 (201.70 to 202.70): E

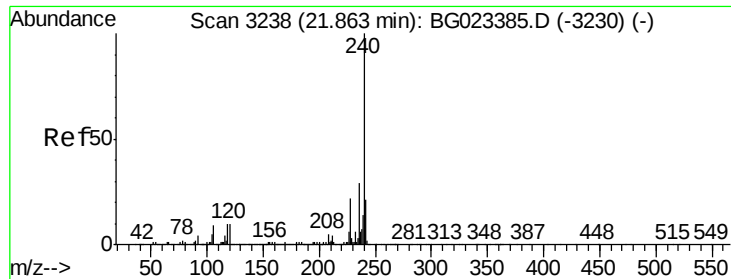
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

Instrument :

BNA_G

ClientSampleId :

PB93089TB

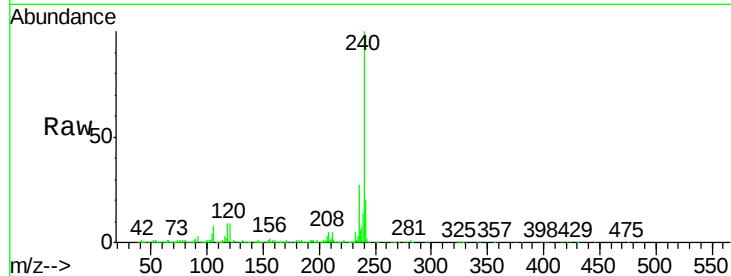
Tgt Ion:240 Resp: 887527

Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

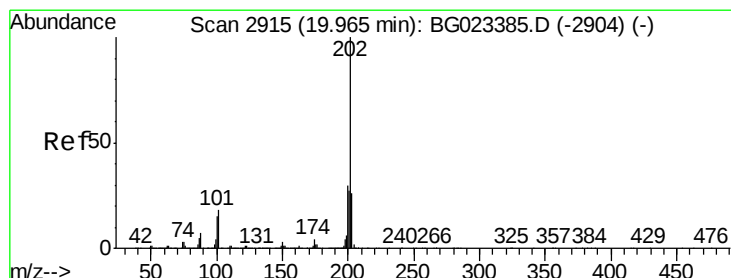
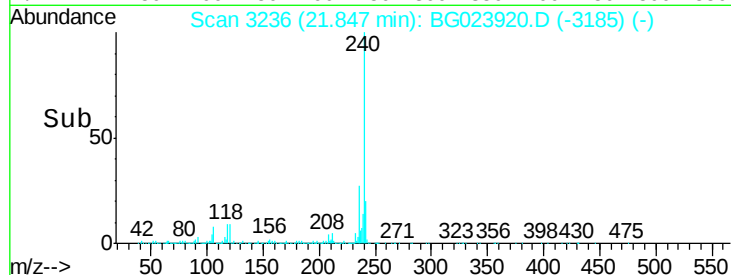
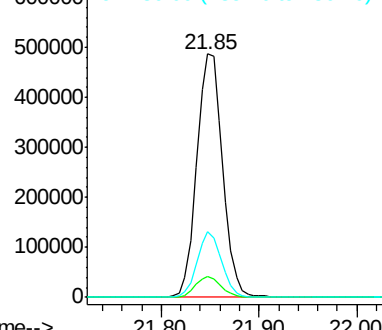
236 26.9 21.1 31.7



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



#77

Pyrene

Concen: Below Cal

RT: 19.96 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

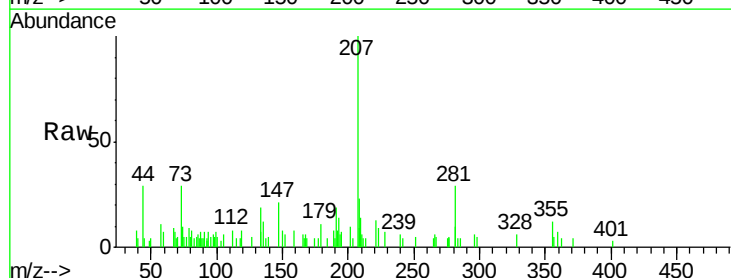
Tgt Ion:202 Resp: 644

Ion Ratio Lower Upper

202 100

200 0.0 21.2 31.8#

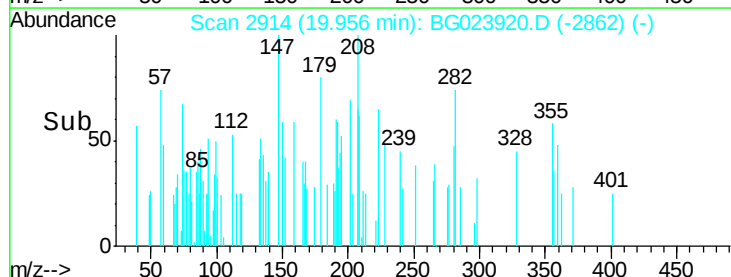
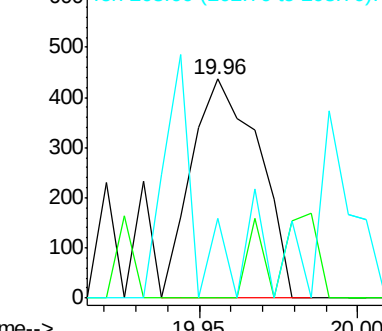
203 36.4 16.8 25.2#

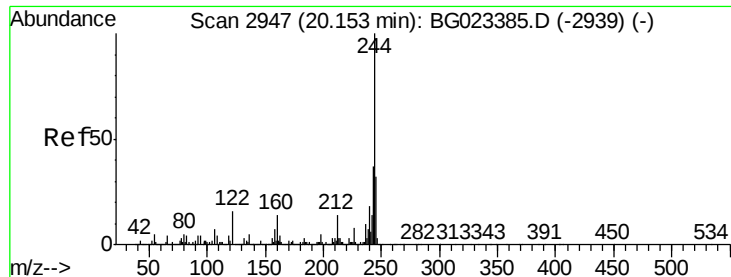


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.42 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

Instrument :

BNA_G

ClientSampleId :

PB93089TB

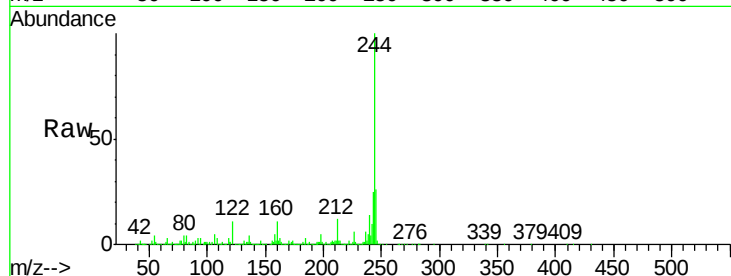
Tgt Ion:244 Resp: 2225834

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

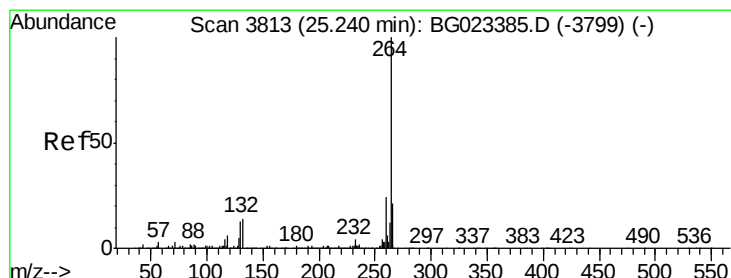
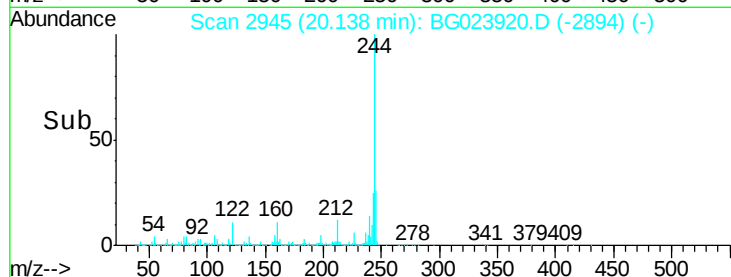
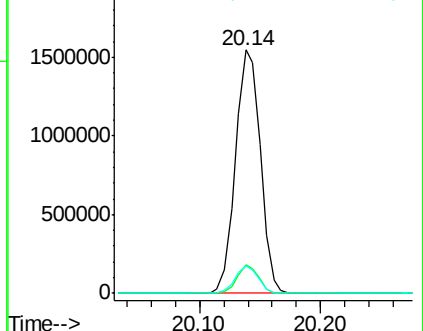
122 11.4 8.0 12.0



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: 25.24 min Scan# 3813

Delta R.T. 0.01 min

Lab File: BG023920.D

Acq: 26 Aug 2016 11:15

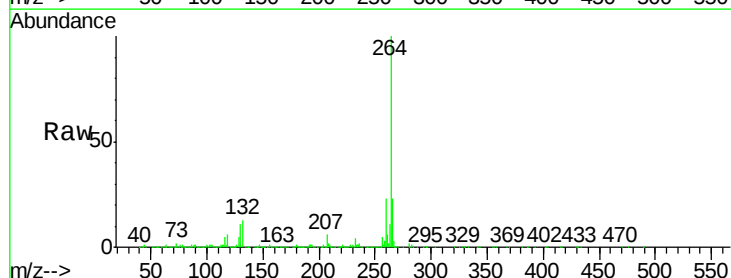
Tgt Ion:264 Resp: 827832

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 22.9 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

