

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082216\
 Data File : BG023840.D
 Acq On : 22 Aug 2016 19:23
 Operator : UM/SJ
 Sample : PB92989TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92989TB

Quant Time: Aug 23 00:55:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

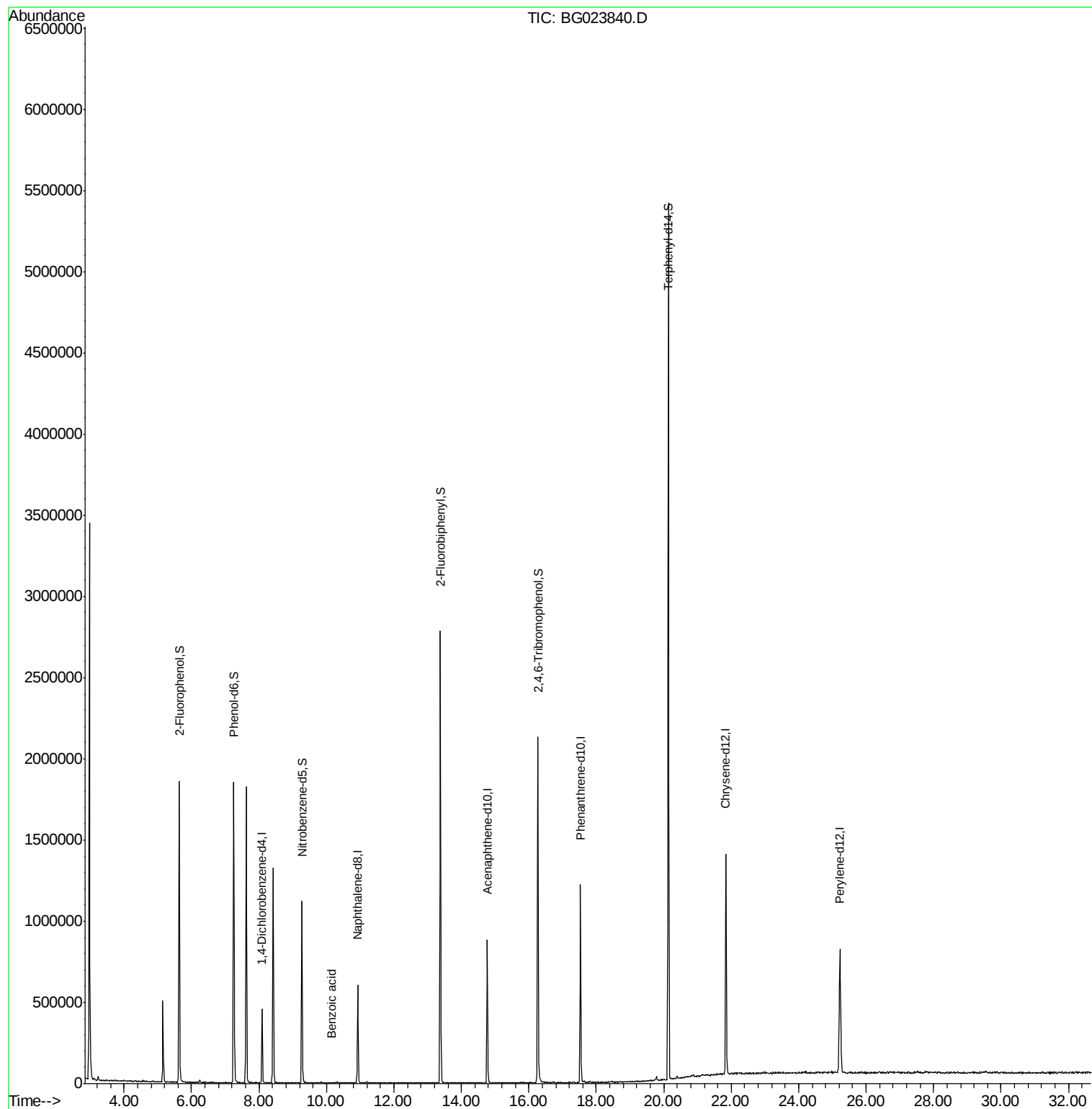
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	121008	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	495851	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	314851	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	756353	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	862562	20.00	ng	-0.02
86) Perylene-d12	25.22	264	830004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	762654	106.09	ng	-0.03
7) Phenol-d6	7.25	99	1076453	96.14	ng	-0.03
23) Nitrobenzene-d5	9.27	82	728169	73.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	425998	92.50	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1433037	76.77	ng	-0.02
78) Terphenyl-d14	20.14	244	2137530	75.38	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.25	77	2040	Below Cal	#	8
32) Benzoic acid	10.15	122	55	6.45 ng	#	1
73) Di-n-butylphthalate	18.48	149	3237	Below Cal	#	92
74) Fluoranthene	19.60	202	1647	Below Cal	#	59
77) Pyrene	19.95	202	1619	Below Cal	#	78

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

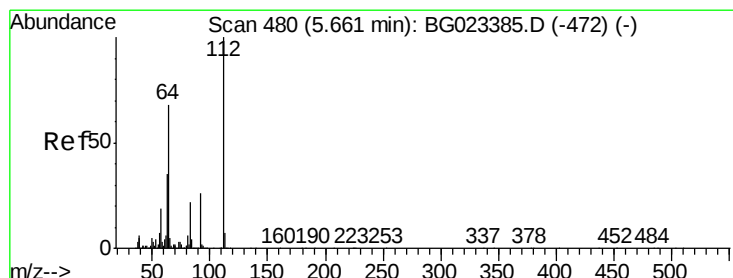
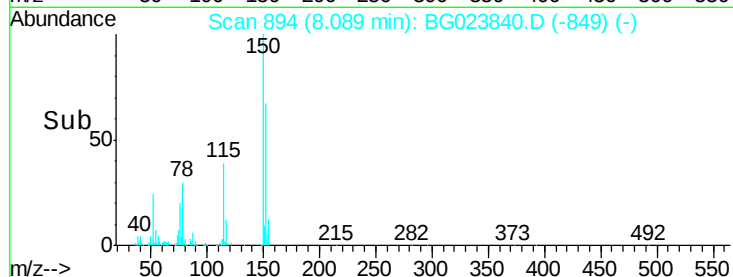
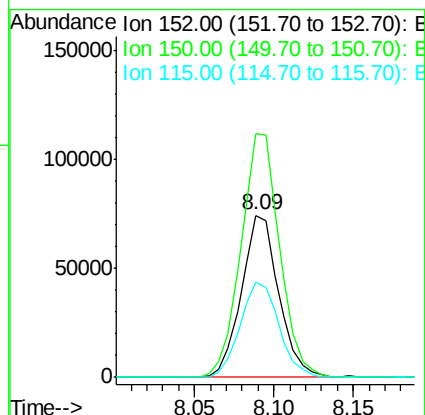
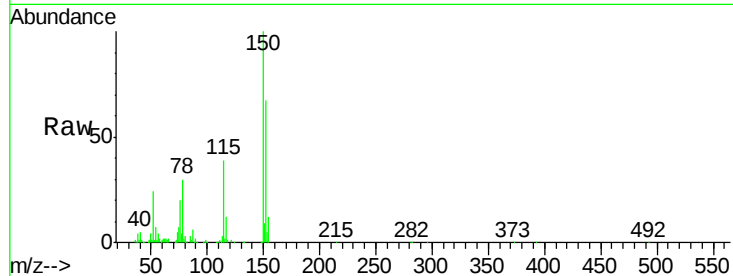
Instrument :

BNA_G

ClientSampleId :

PB92989TB

Tgt Ion:	152	Resp:	121008
Ion	Ratio	Lower	Upper
152	100		
150	150.0	144.7	217.1
115	58.5	64.0	96.0#



#5

2-Fluorophenol

Concen: 106.09 ng

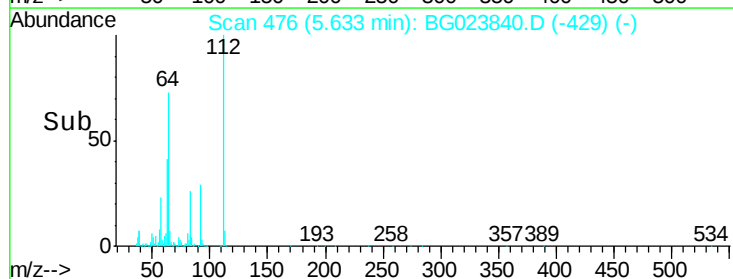
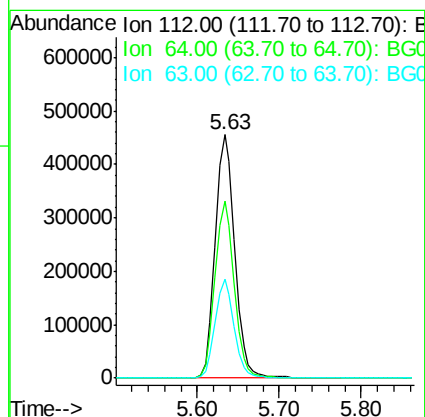
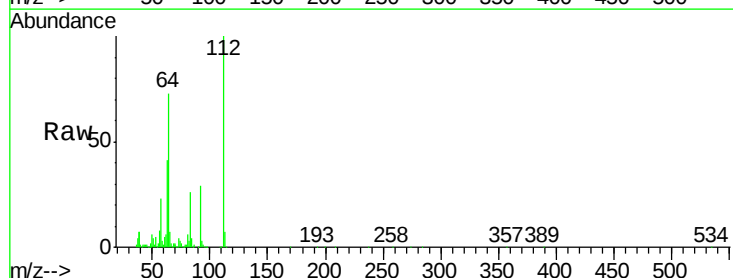
RT: 5.63 min Scan# 476

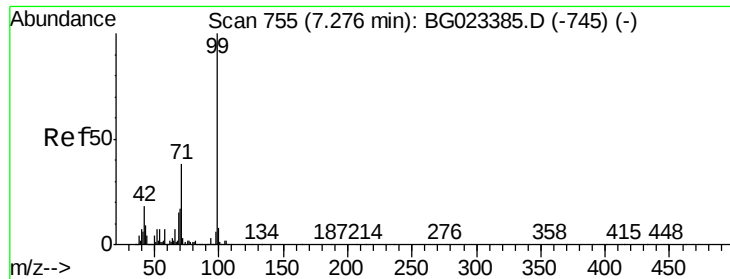
Delta R.T. -0.03 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Tgt Ion:	112	Resp:	762654
Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.0	88.4
63	40.7	37.8	56.8





#7

Phenol-d6

Concen: 96.14 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

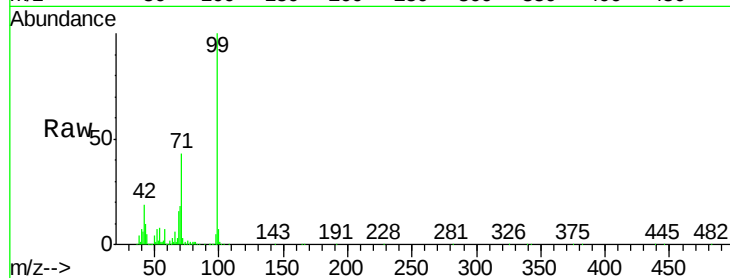
Tgt Ion: 99 Resp: 1076453

Ion Ratio Lower Upper

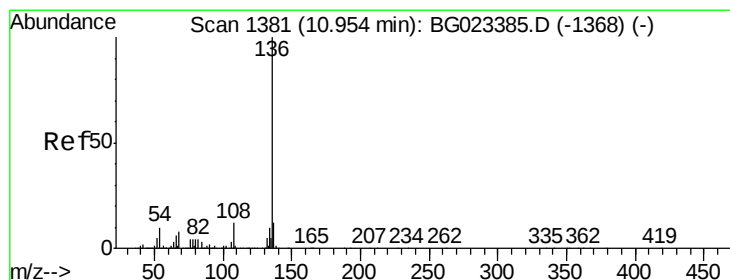
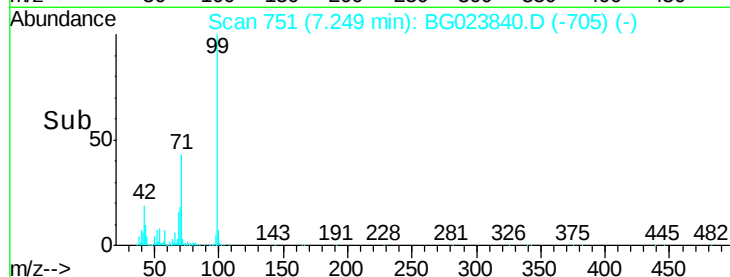
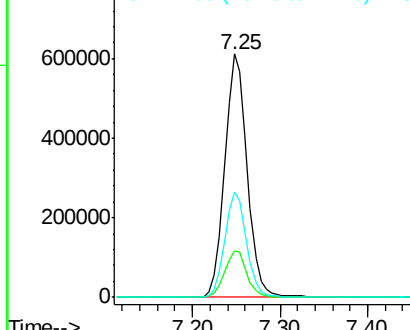
99 100

42 18.9 17.8 26.6

71 43.4 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. -0.03 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Tgt Ion: 136 Resp: 495851

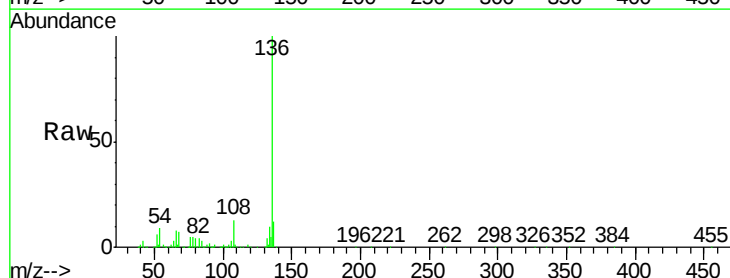
Ion Ratio Lower Upper

136 100

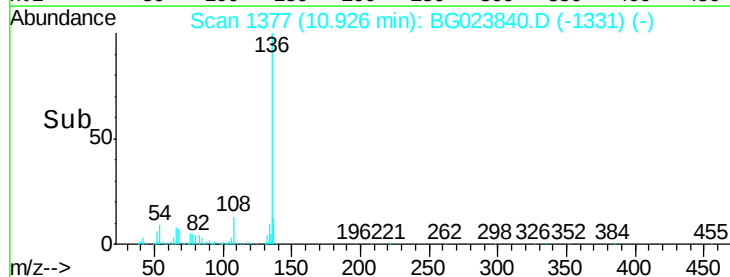
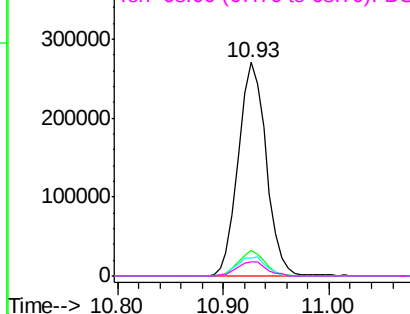
137 12.0 9.6 14.4

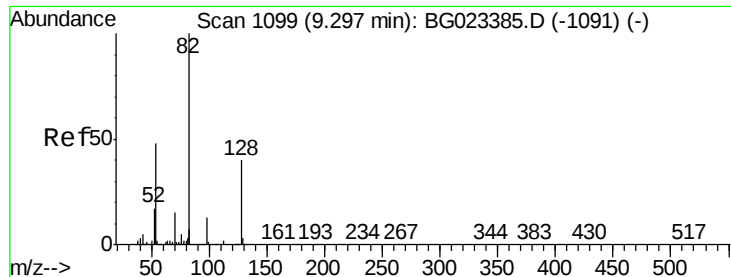
54 8.7 7.3 10.9

68 6.7 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

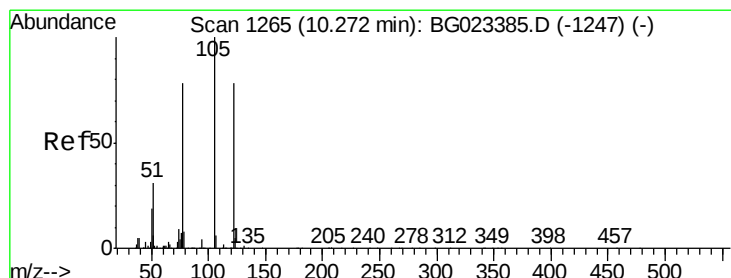
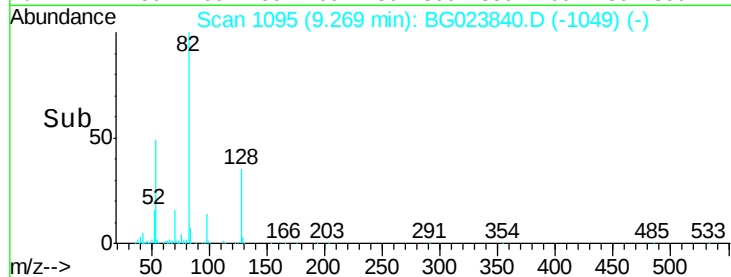
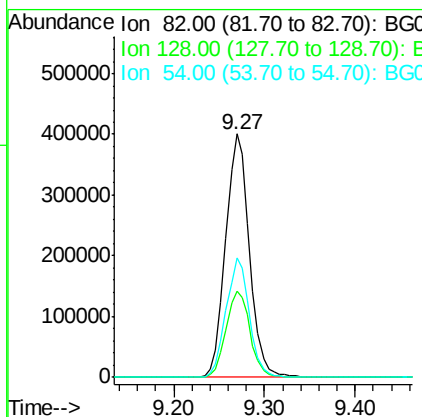
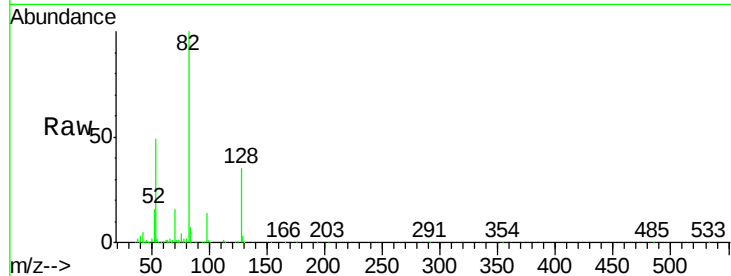




#23
 Nitrobenzene-d5
 Concen: 73.01 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023840.D
 Acq: 22 Aug 2016 19:23

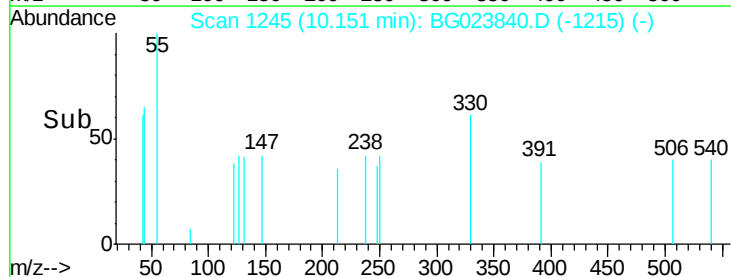
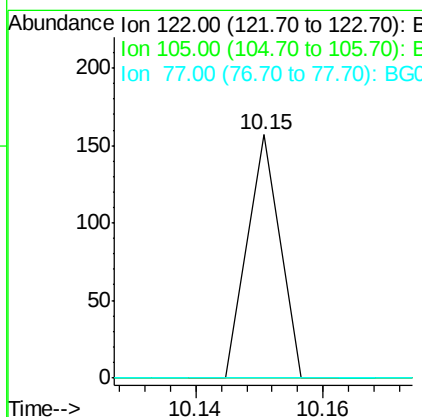
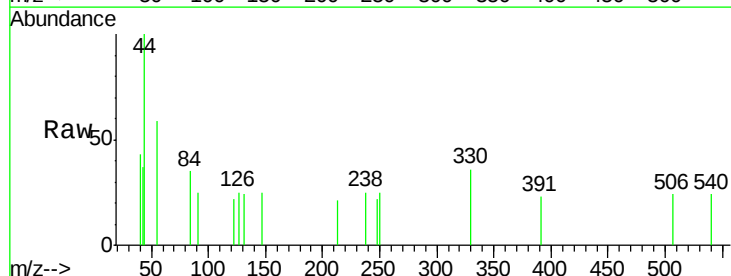
Instrument :
 BNA_G
 ClientSampleId :
 PB92989TB

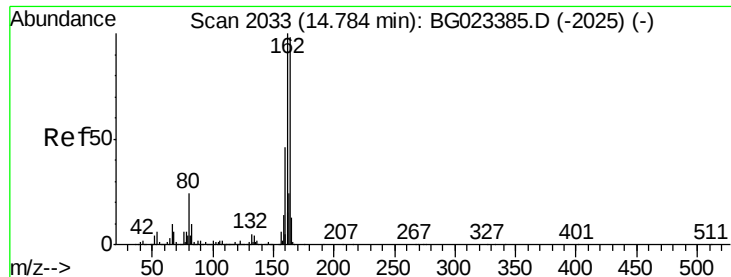
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	24.4	36.6
54	49.3	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. -0.12 min
 Lab File: BG023840.D
 Acq: 22 Aug 2016 19:23

Tgt 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: 14.76 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

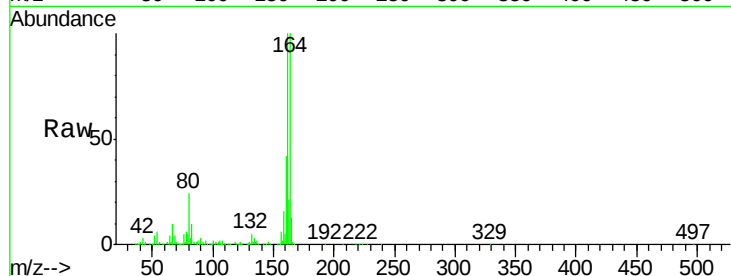
Tgt Ion:164 Resp: 314851

Ion Ratio Lower Upper

164 100

162 100.3 87.7 131.5

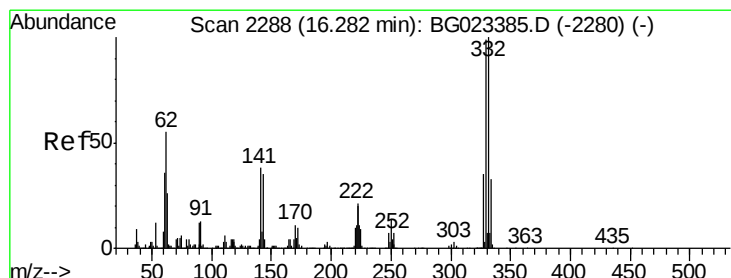
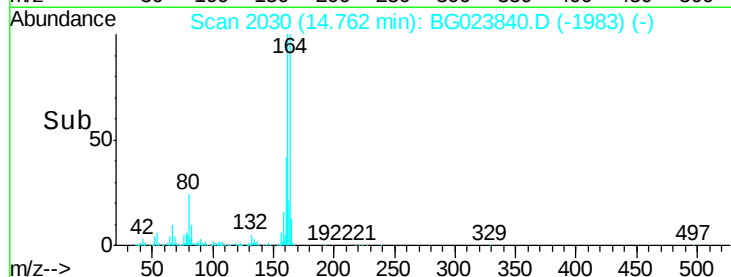
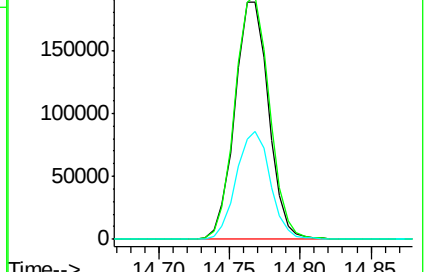
160 42.5 37.2 55.8



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: 92.50 ng

RT: 16.27 min Scan# 2286

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

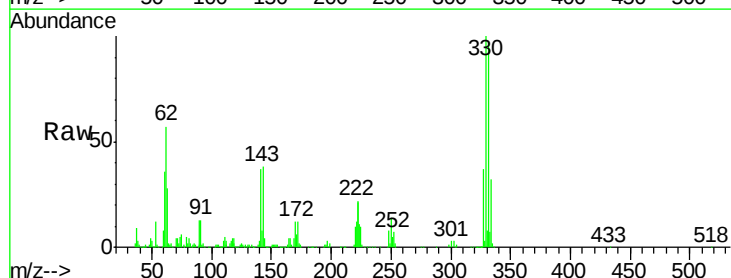
Tgt Ion:330 Resp: 425998

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

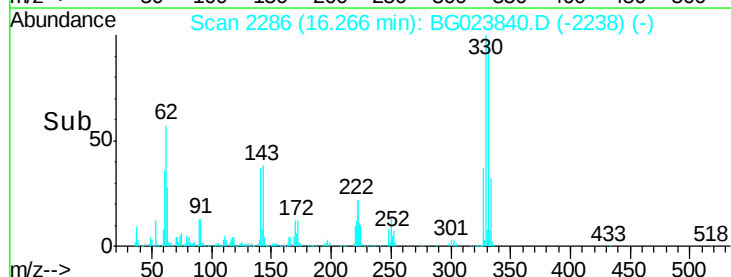
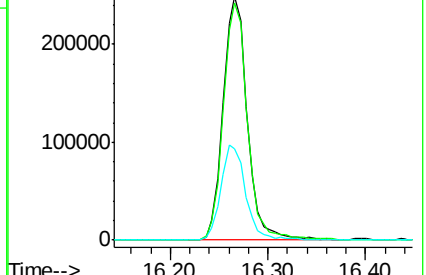
141 40.2 31.7 47.5

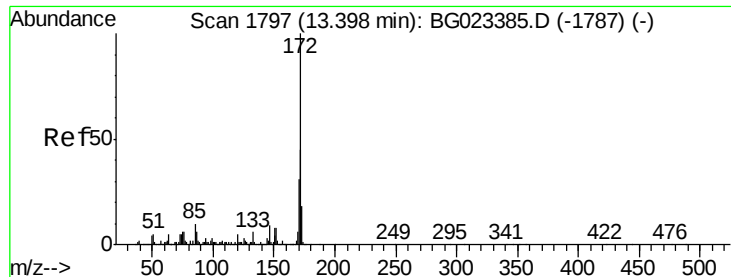


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.77 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

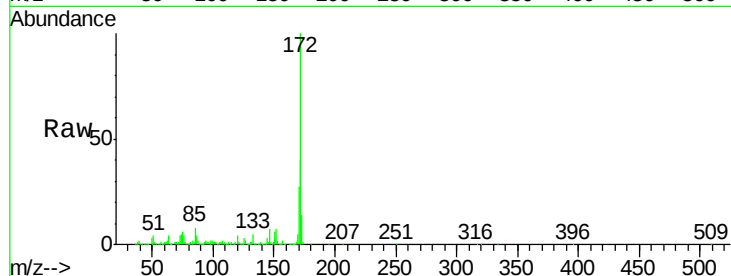
Tgt Ion:172 Resp: 1433037

Ion Ratio Lower Upper

172 100

171 39.6 31.6 47.4

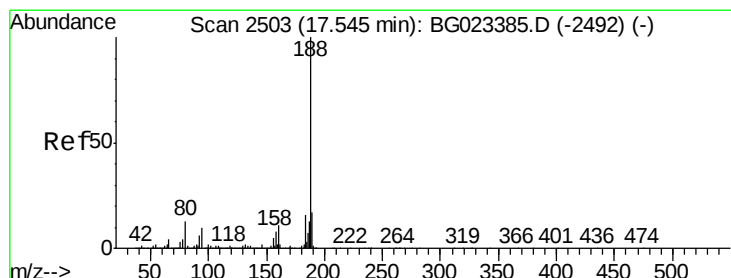
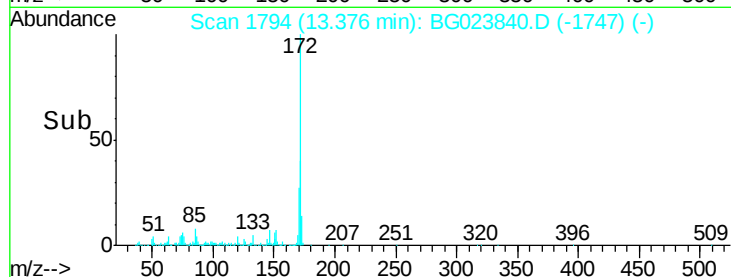
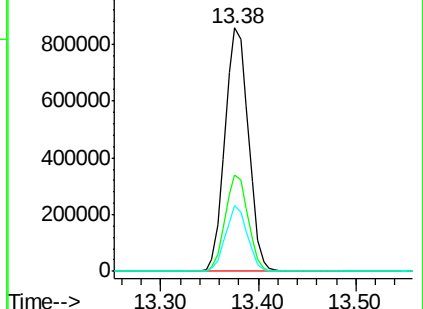
170 26.7 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

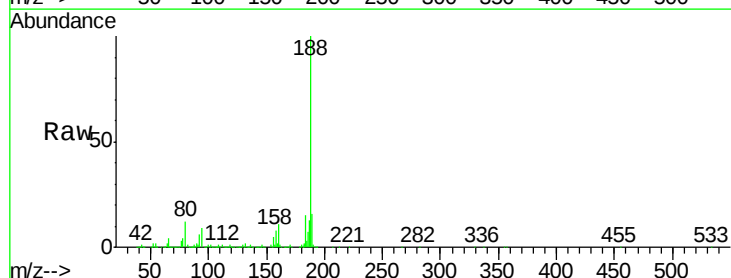
Tgt Ion:188 Resp: 756353

Ion Ratio Lower Upper

188 100

94 8.6 5.2 7.8#

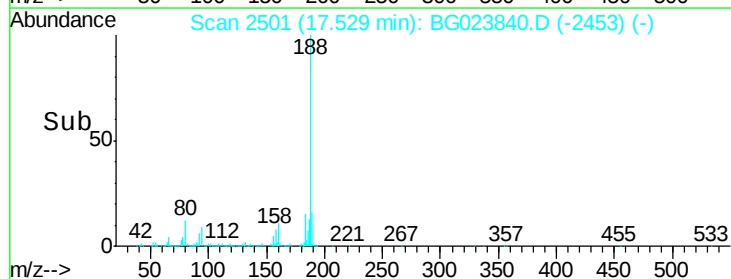
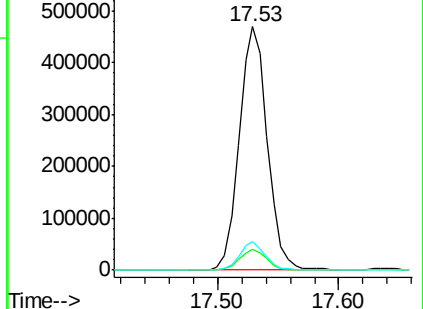
80 11.5 7.2 10.8#

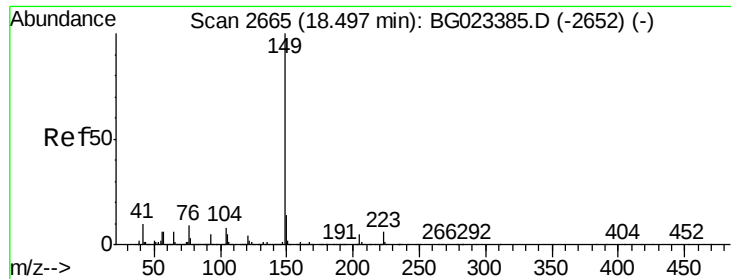


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.48 min Scan# 2663

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

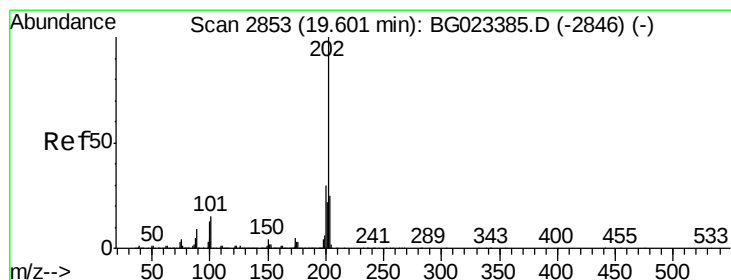
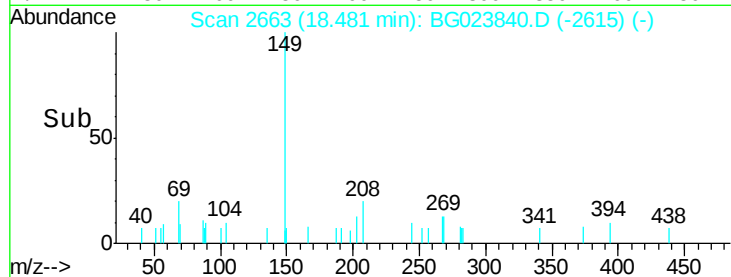
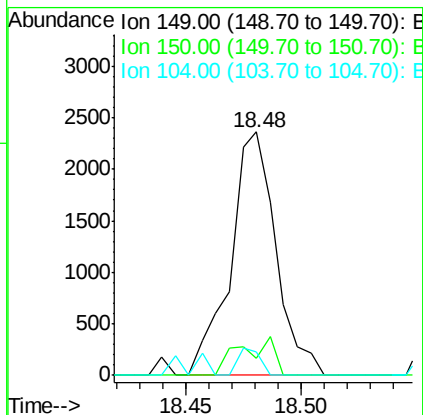
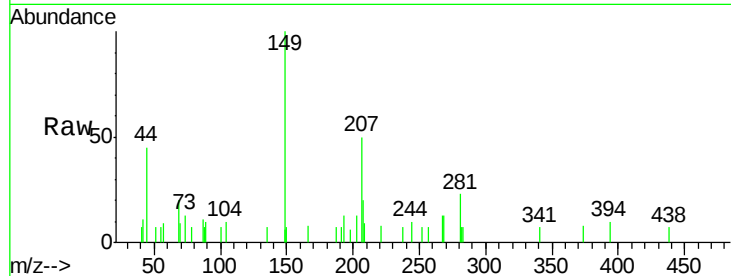
Instrument :

BNA_G

ClientSampleId :

PB92989TB

Tgt Ion:	149	Resp:	3237
Ion Ratio	Lower	Upper	
149	100		
150	7.2	9.1	13.7#
104	9.8	6.9	10.3



#74

Fluoranthene

Concen: Below Cal

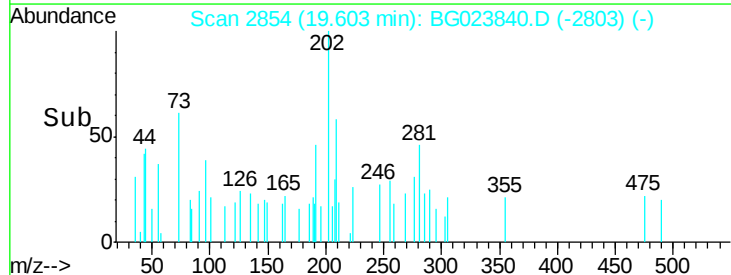
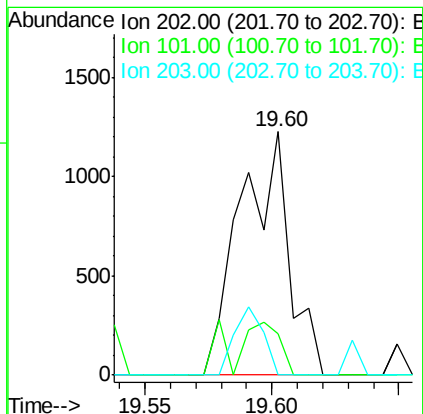
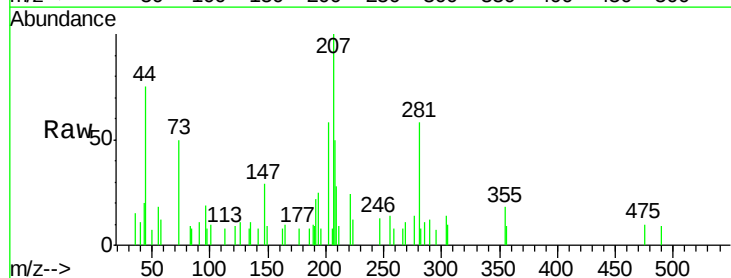
RT: 19.60 min Scan# 2854

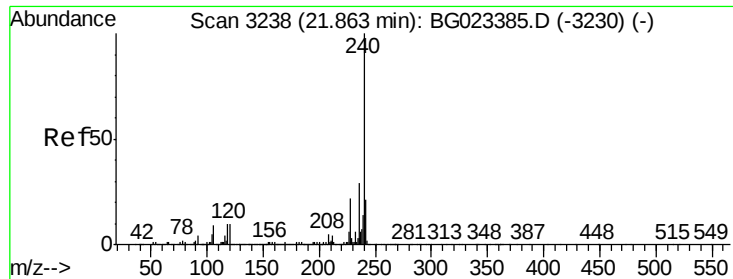
Delta R.T. 0.00 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Tgt Ion:	202	Resp:	1647
Ion Ratio	Lower	Upper	
202	100		
101	16.8	0.0	27.4
203	0.0	1.7	41.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

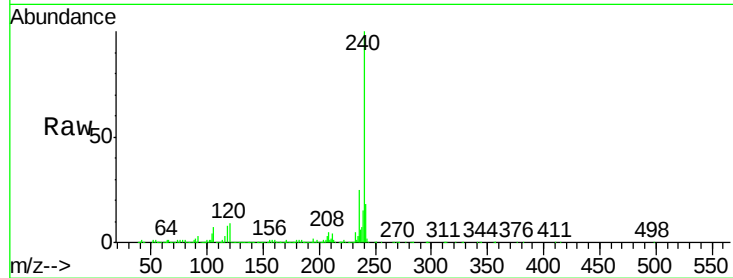
Tgt Ion:240 Resp: 862562

Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

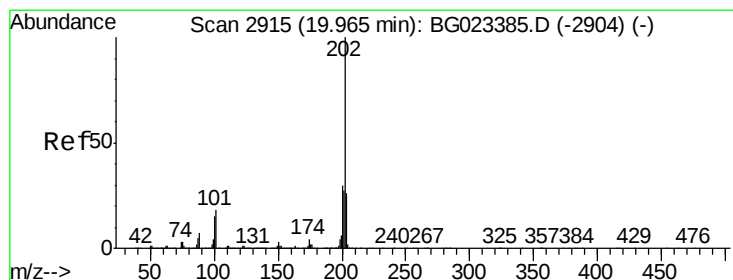
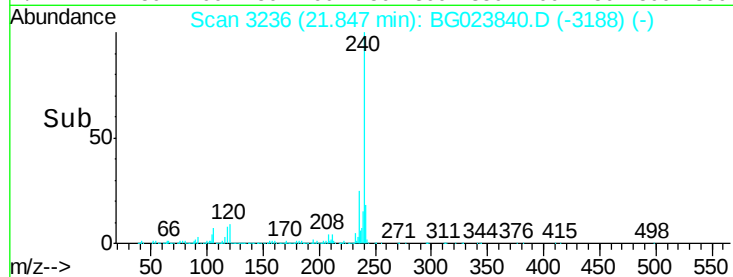
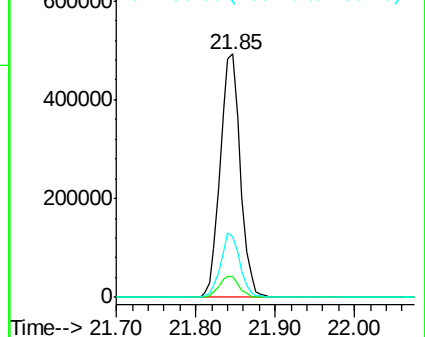
236 25.0 21.1 31.7



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: 19.95 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

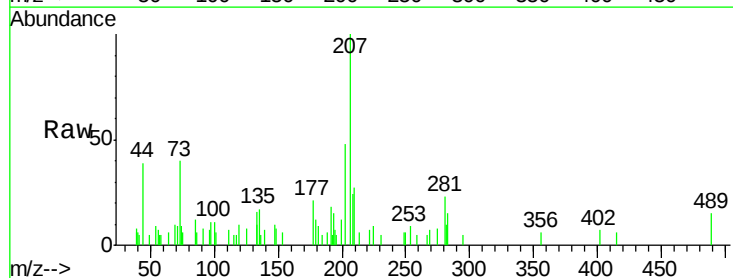
Tgt Ion:202 Resp: 1619

Ion Ratio Lower Upper

202 100

200 24.4 21.2 31.8

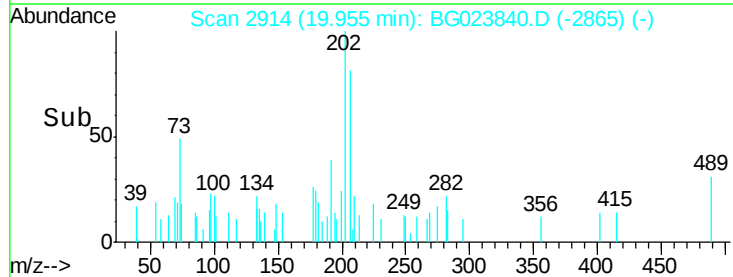
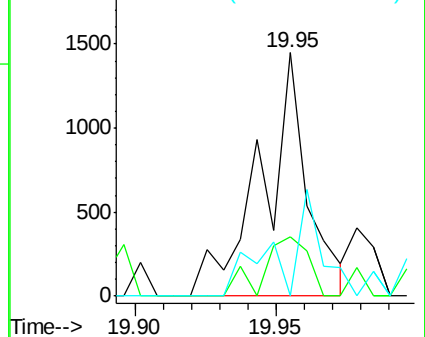
203 0.0 16.8 25.2#

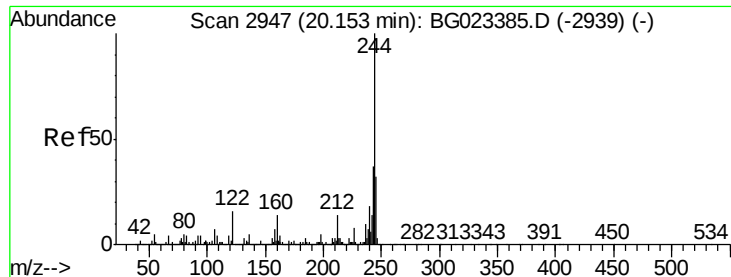


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.38 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

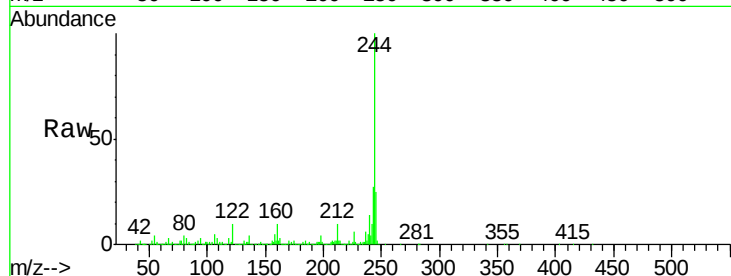
Tgt Ion:244 Resp: 2137530

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

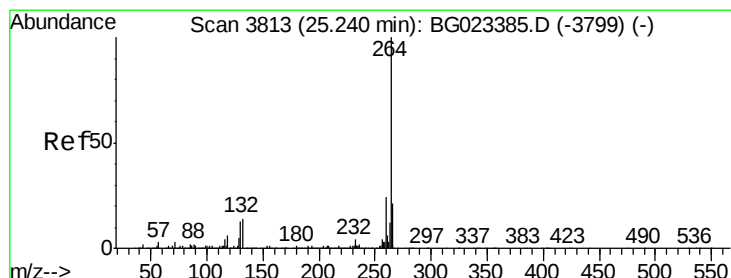
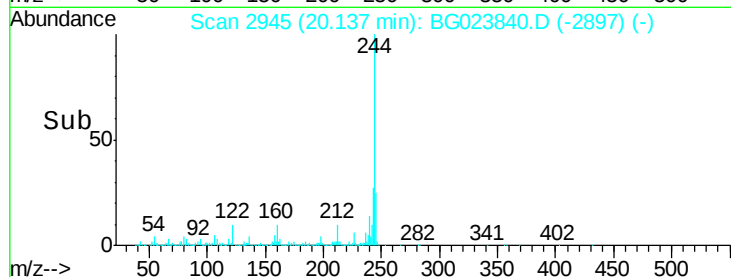
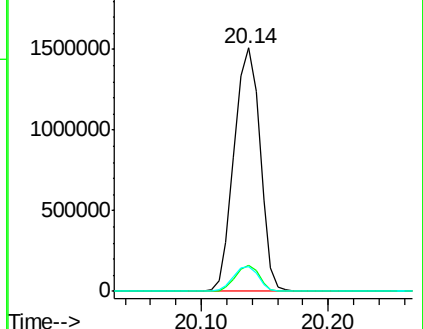
122 10.3 8.0 12.0



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: 25.22 min Scan# 3811

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

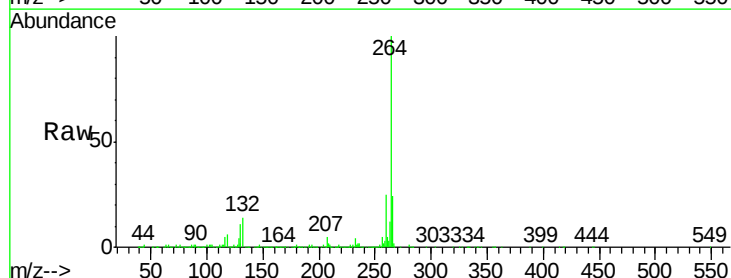
Tgt Ion:264 Resp: 830004

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 23.6 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

