

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082216\
 Data File : BG023838.D
 Acq On : 22 Aug 2016 18:07
 Operator : UM/SJ
 Sample : PB92989BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92989BL

Quant Time: Aug 23 00:55:01 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

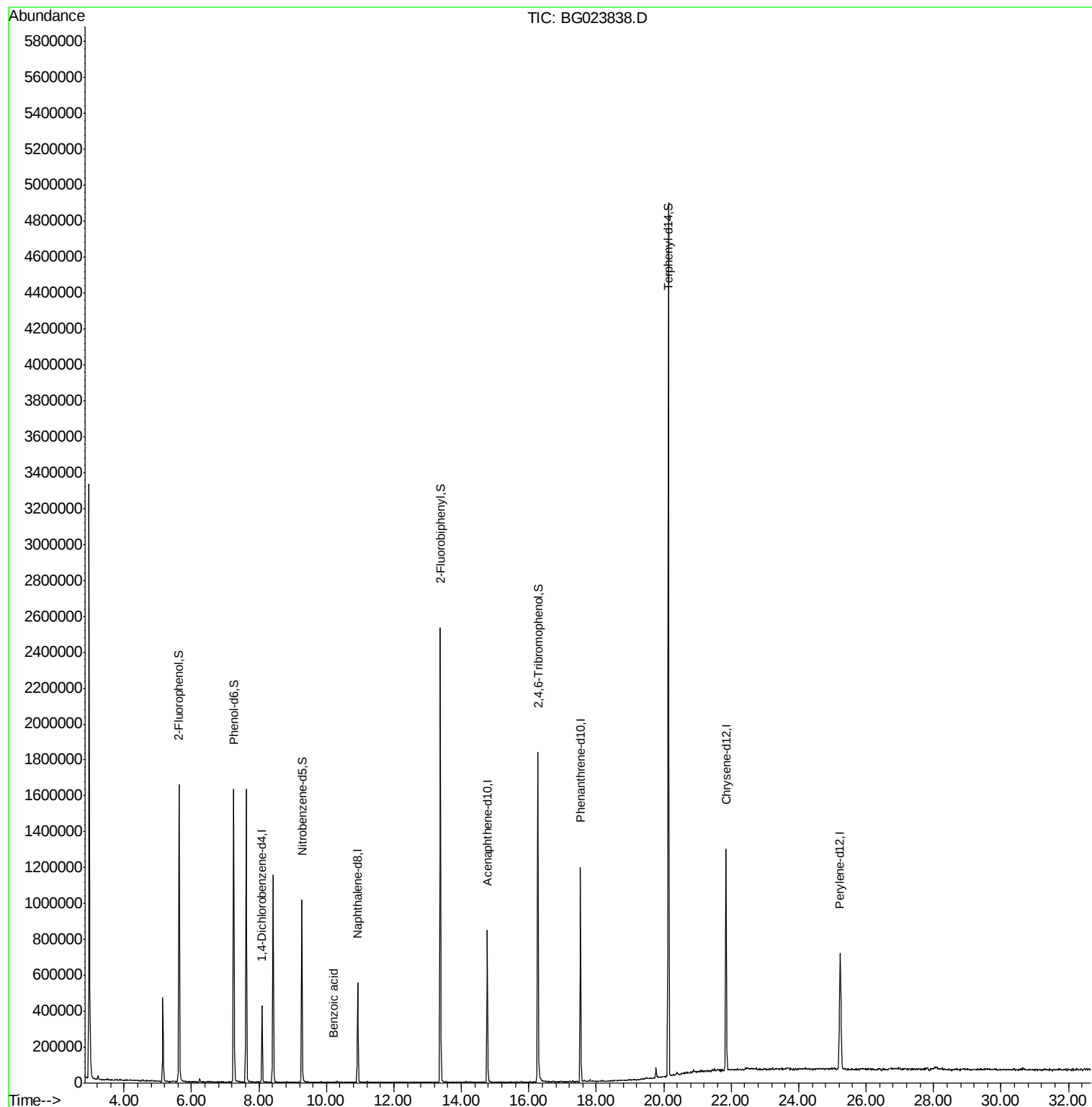
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	112064	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	469824	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	292023	20.00	ng	-0.01
63) Phenanthrene-d10	17.53	188	721893	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	792732	20.00	ng	-0.01
86) Perylene-d12	25.23	264	775830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	701157	105.32	ng	-0.03
7) Phenol-d6	7.25	99	973010	93.83	ng	-0.03
23) Nitrobenzene-d5	9.27	82	661664	70.02	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	370548	86.75	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1294744	74.78	ng	-0.02
78) Terphenyl-d14	20.14	244	1964232	75.37	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.26	77	1956	Below Cal	#	8
32) Benzoic acid	10.22	122	53	6.45 ng	#	1
73) Di-n-butylphthalate	18.48	149	1129	Below Cal	#	73
74) Fluoranthene	19.30	202	143	Below Cal	#	69
77) Pyrene	20.14	202	8822	Below Cal	#	62

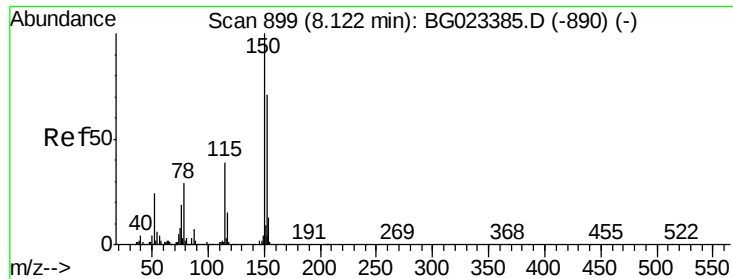
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

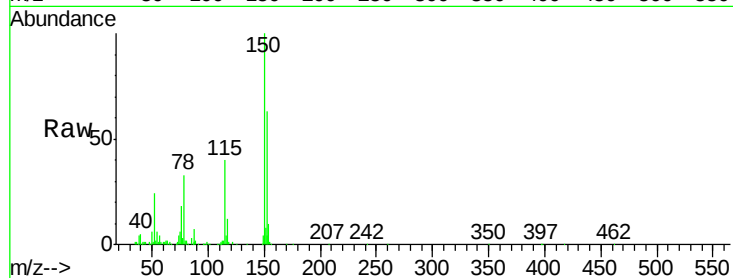
Instrument :

BNA_G

ClientSampleId :

PB92989BL

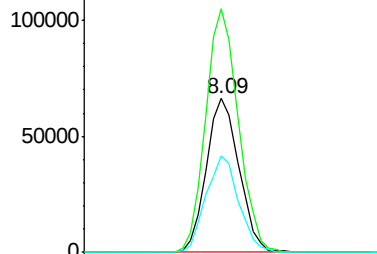
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	144.7	217.1
115	62.7	64.0	96.0



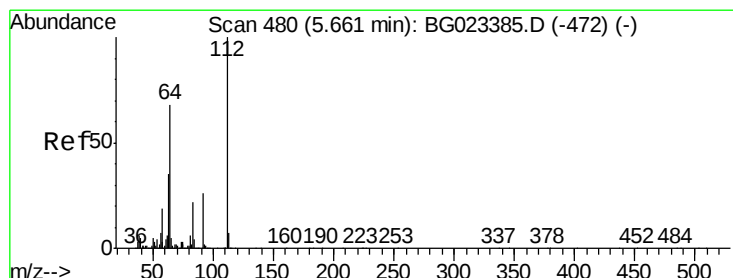
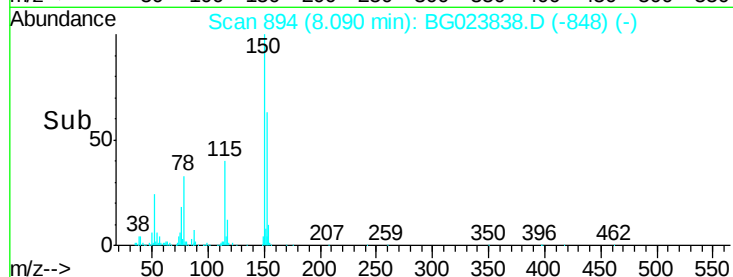
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 105.32 ng

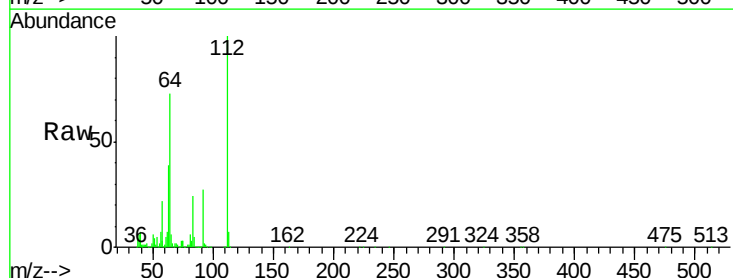
RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

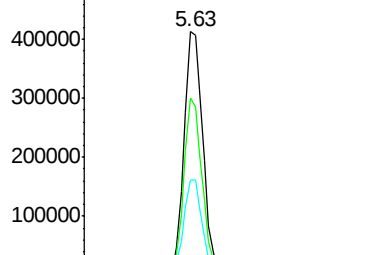
Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	59.0	88.4
63	38.8	37.8	56.8



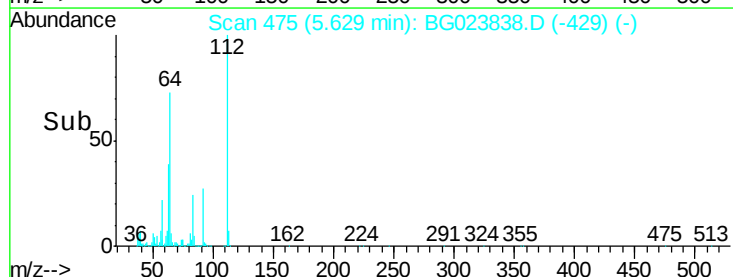
Abundance Ion 112.00 (111.70 to 112.70): E

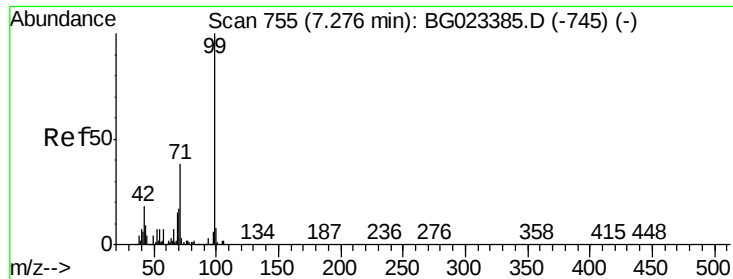
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 93.83 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Instrument :

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ClientSampleId :

PB92989BL

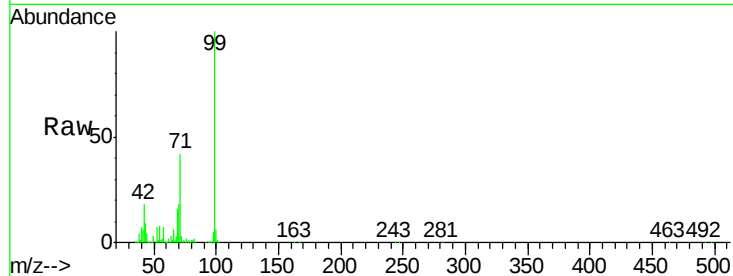
Tgt Ion: 99 Resp: 973010

Ion Ratio Lower Upper

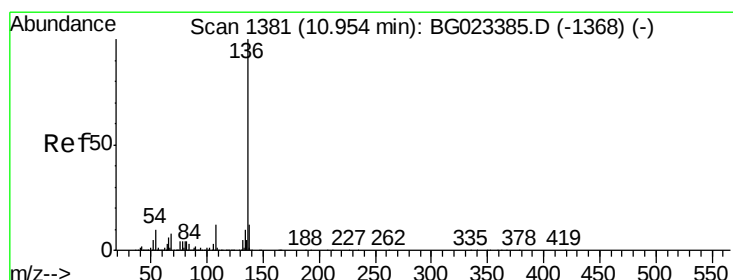
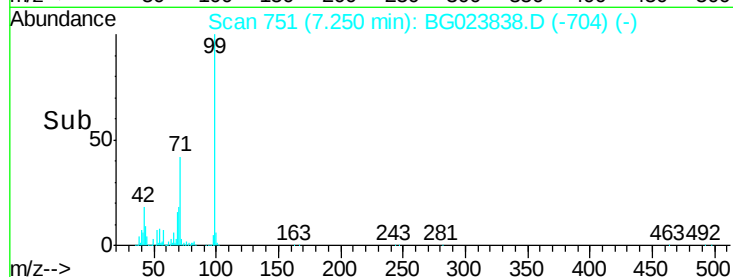
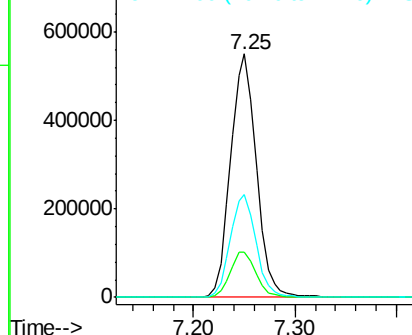
99 100

42 18.4 17.8 26.6

71 42.4 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: BG023838.D

Acq: 22 Aug 2016 18:07

Tgt Ion: 136 Resp: 469824

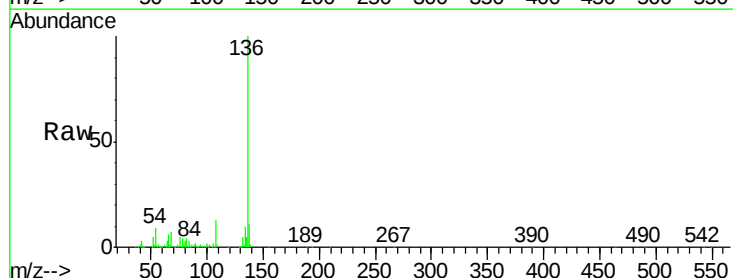
Ion Ratio Lower Upper

136 100

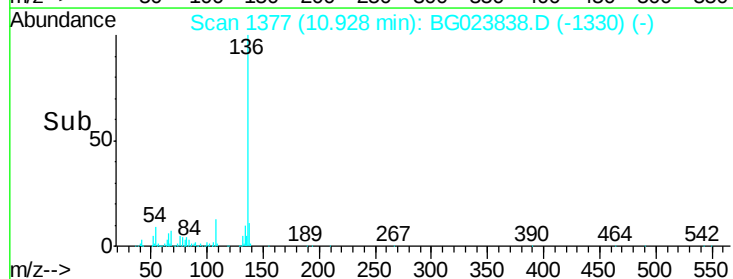
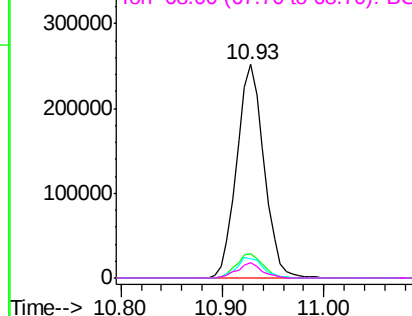
137 11.1 9.6 14.4

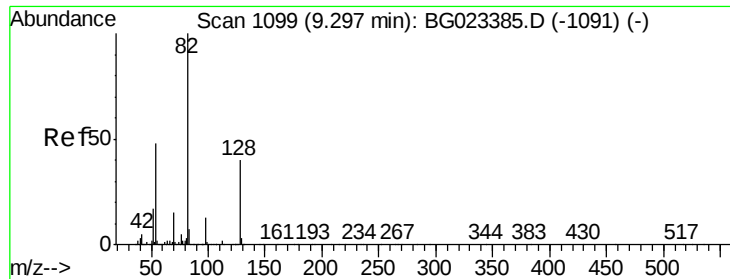
54 9.1 7.3 10.9

68 7.0 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

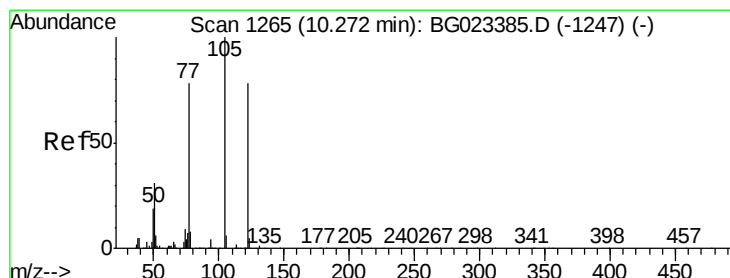
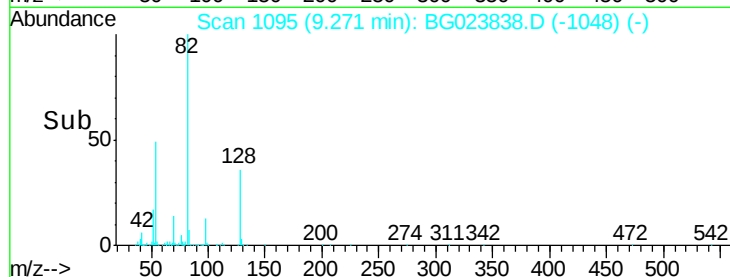
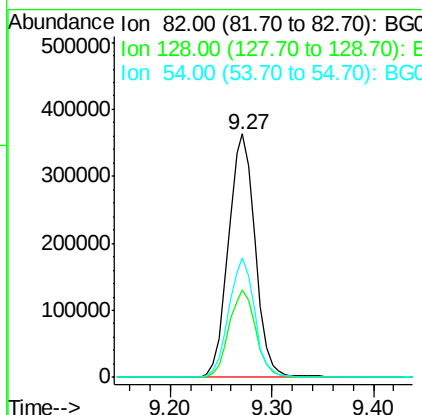
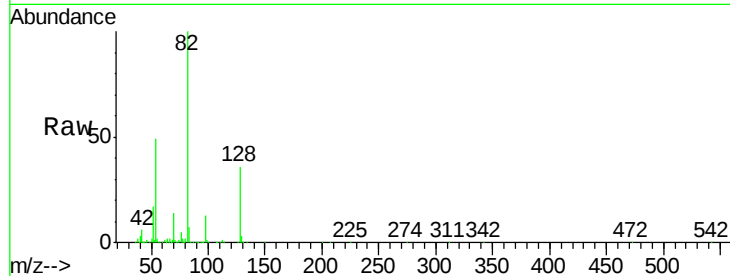




#23
 Nitrobenzene-d5
 Concen: 70.02 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023838.D
 Acq: 22 Aug 2016 18:07

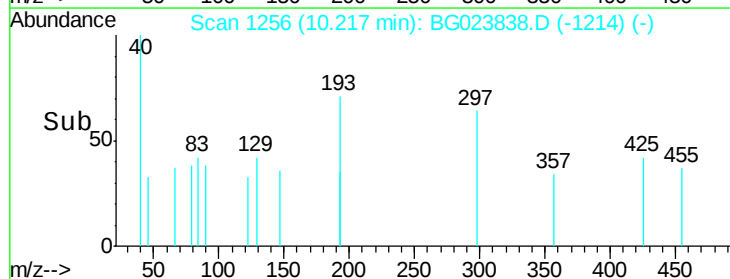
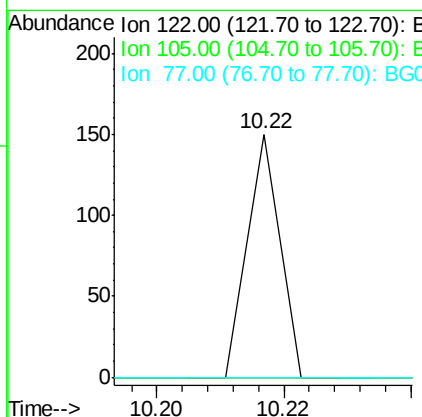
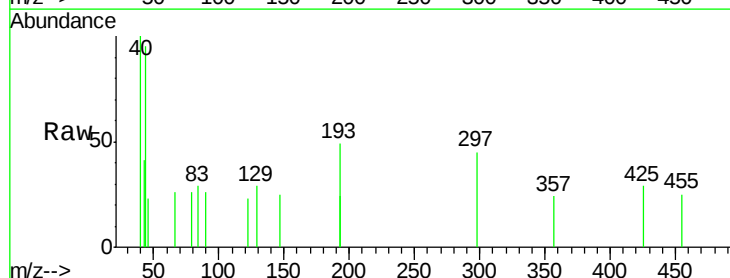
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BL

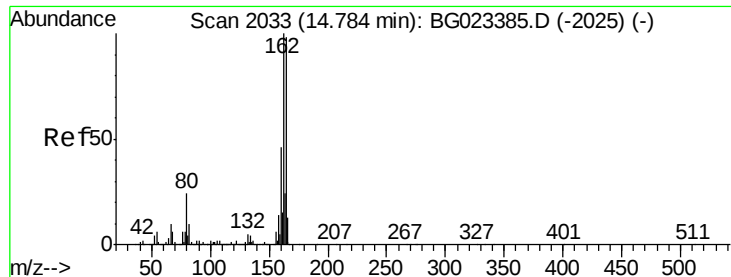
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.4	36.6
54	48.9	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.22 min Scan# 1256
 Delta R.T. -0.06 min
 Lab File: BG023838.D
 Acq: 22 Aug 2016 18:07

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: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

PB92989BL

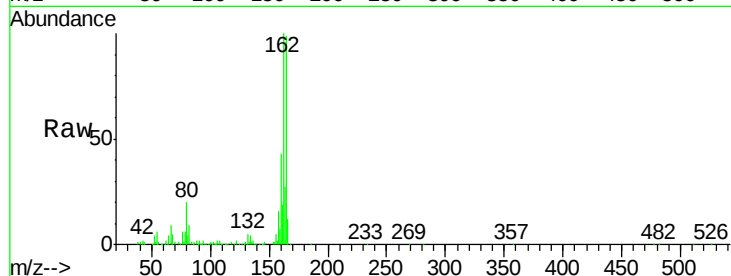
Tgt Ion:164 Resp: 292023

Ion Ratio Lower Upper

164 100

162 100.9 87.7 131.5

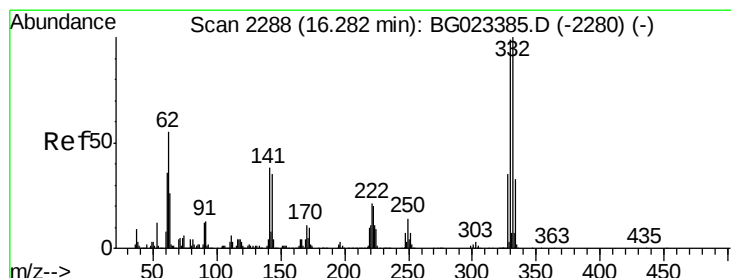
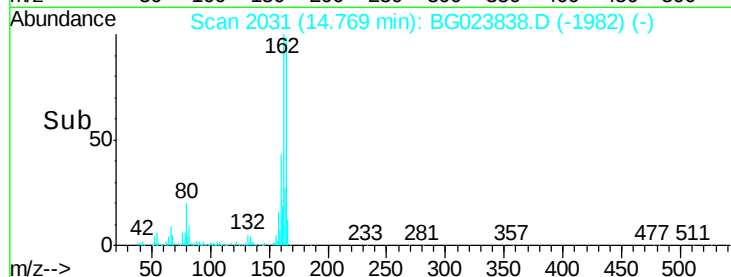
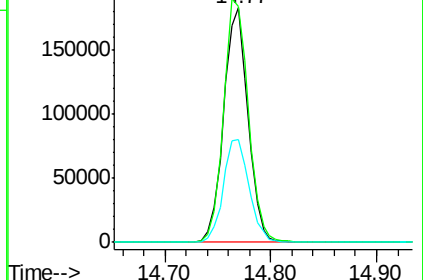
160 43.7 37.2 55.8



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: 86.75 ng

RT: 16.27 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

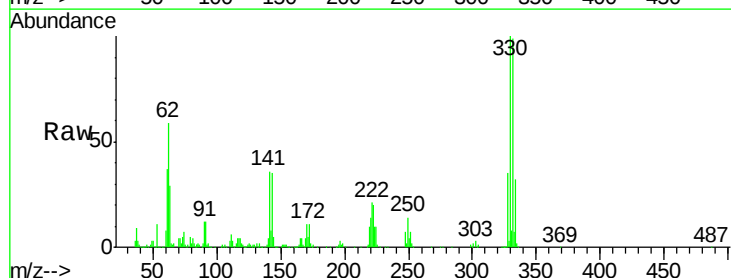
Tgt Ion:330 Resp: 370548

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

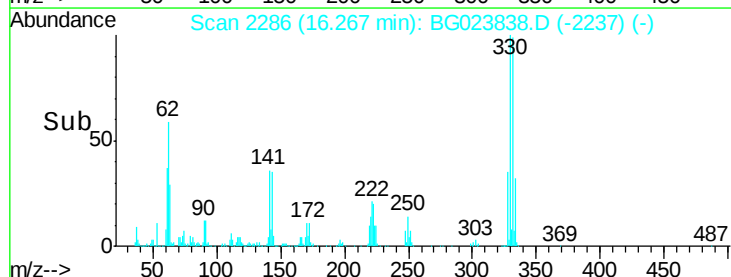
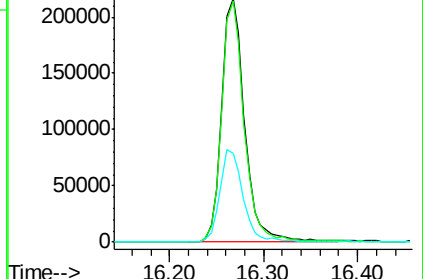
141 38.6 31.7 47.5

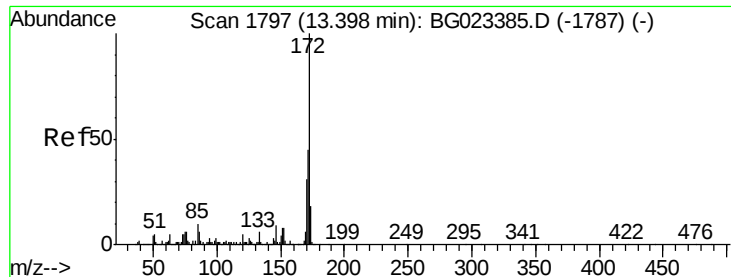


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

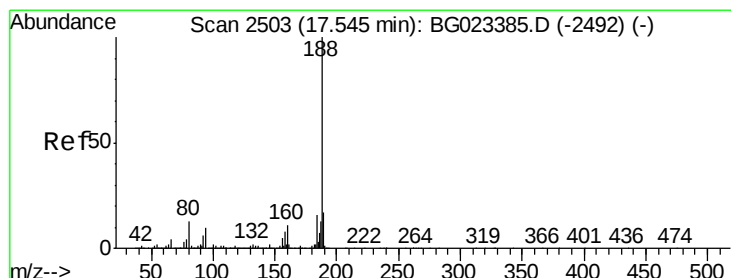
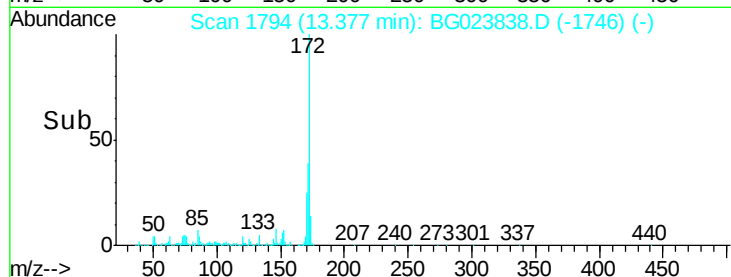
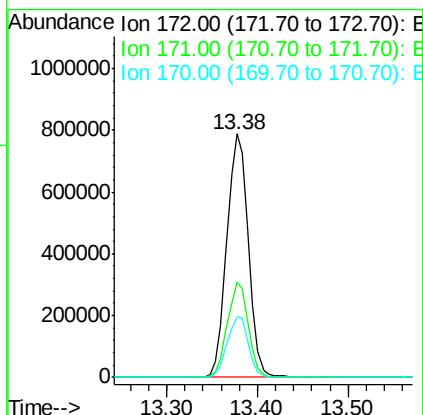
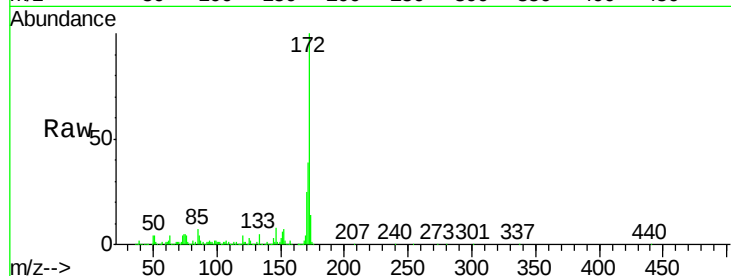




#44
2-Fluorobiphenyl
Concen: 74.78 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023838.D
Acq: 22 Aug 2016 18:07

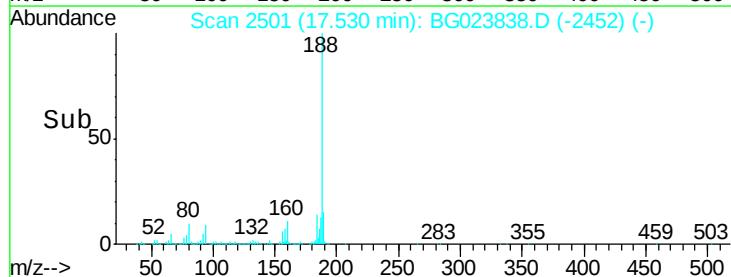
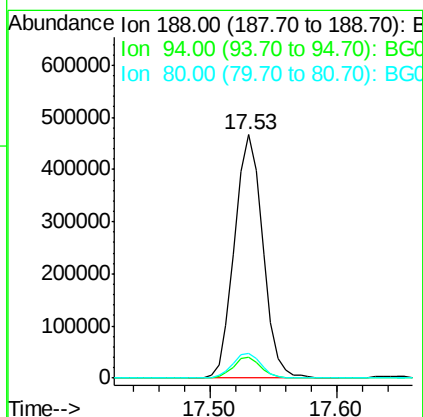
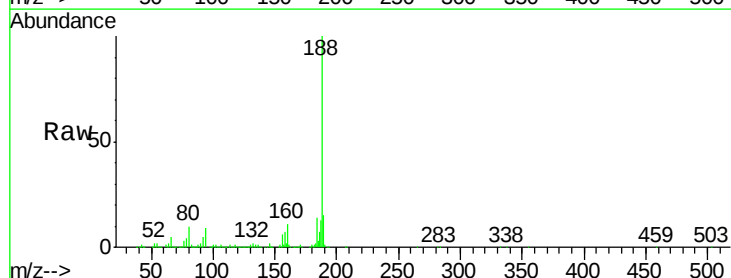
Instrument :
BNA_G
ClientSampleId :
PB92989BL

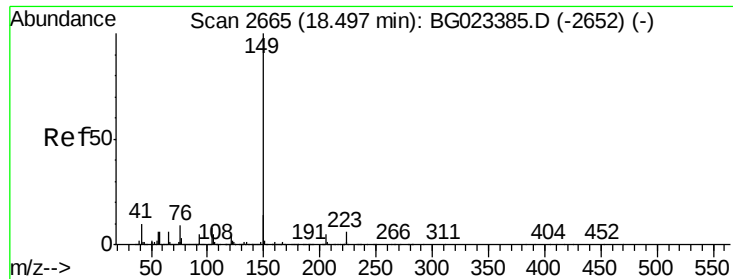
Tgt Ion:172 Resp: 1294744
Ion Ratio Lower Upper
172 100
171 39.0 31.6 47.4
170 24.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG023838.D
Acq: 22 Aug 2016 18:07

Tgt Ion:188 Resp: 721893
Ion Ratio Lower Upper
188 100
94 8.8 5.2 7.8#
80 10.2 7.2 10.8





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.48 min Scan# 2662

Delta R.T. -0.02 min

Lab File: BG023383.D

Acq: 22 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

PB92989BL

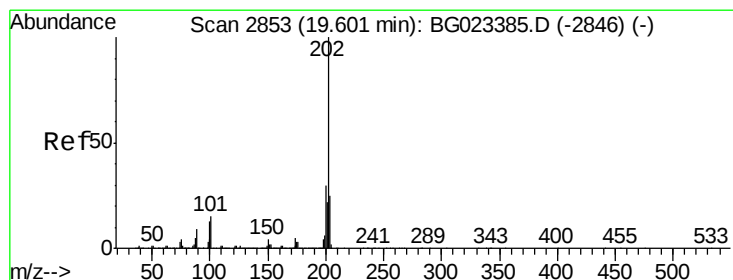
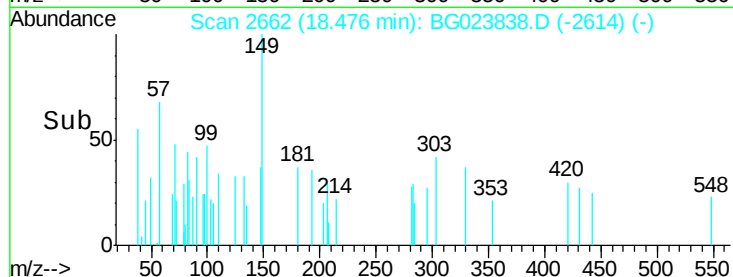
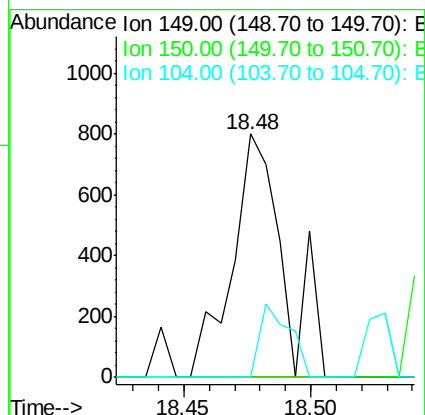
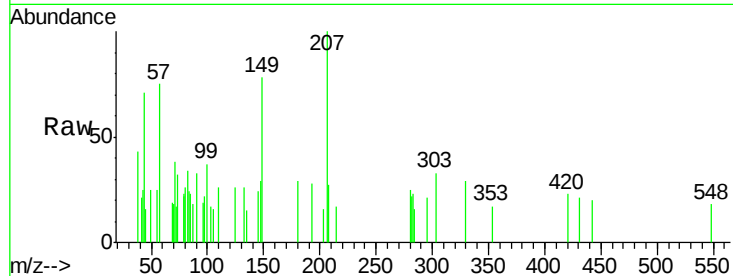
Tgt Ion:149 Resp: 1129

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

104 0.0 6.9 10.3#



#74

Fluoranthene

Concen: Below Cal

RT: 19.30 min Scan# 2803

Delta R.T. -0.30 min

Lab File: BG023383.D

Acq: 22 Aug 2016 18:07

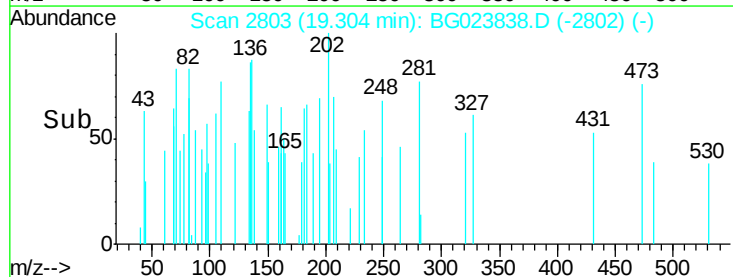
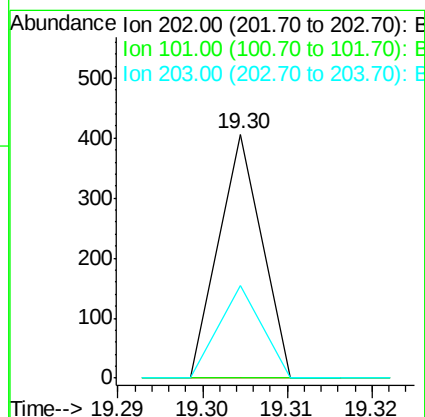
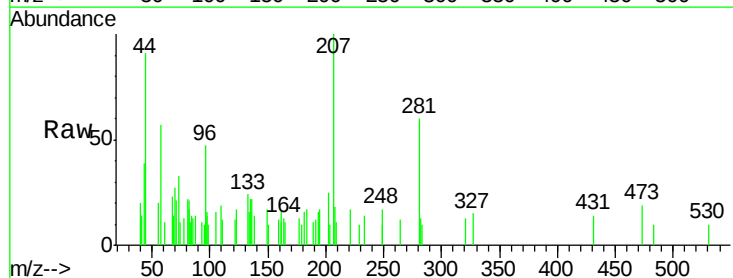
Tgt Ion:202 Resp: 143

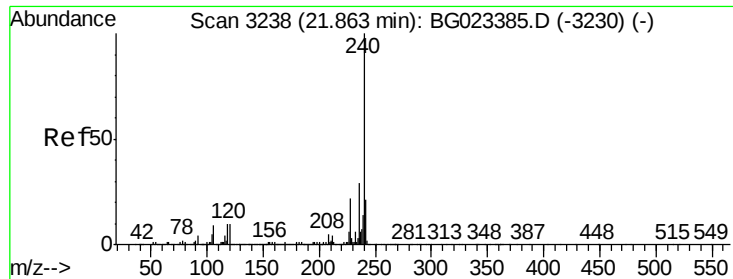
Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

203 37.9 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

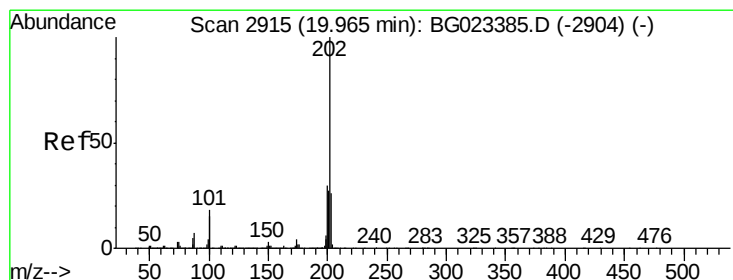
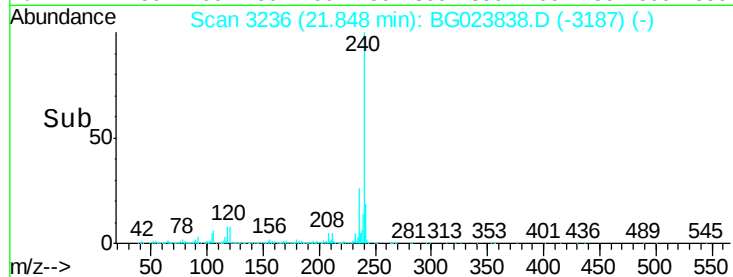
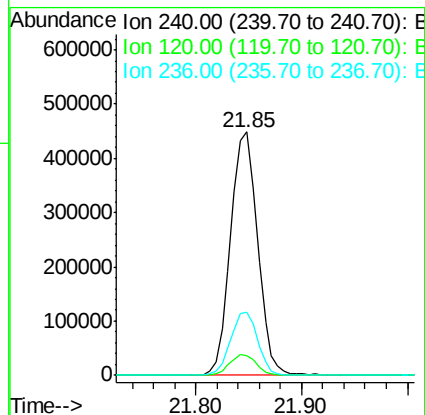
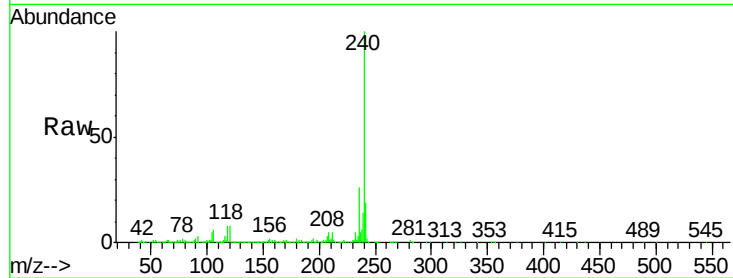
Instrument :

BNA_G

ClientSampleId :

PB92989BL

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	4.1	6.1#
236	26.2	21.1	31.7



#77

Pyrene

Concen: Below Cal

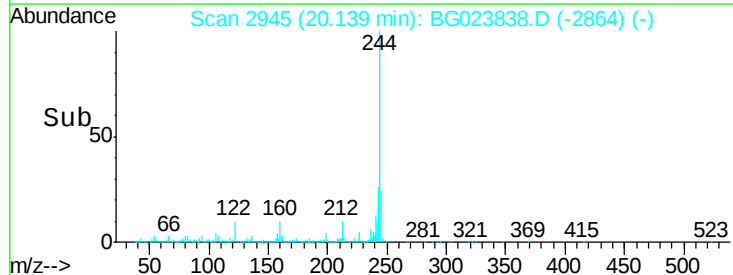
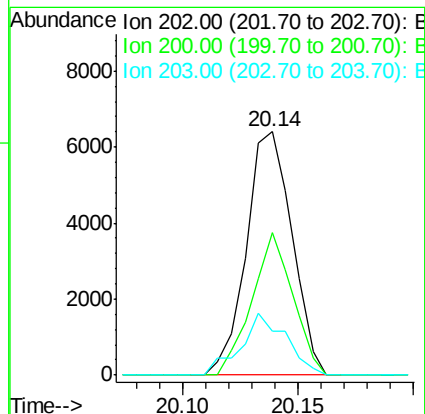
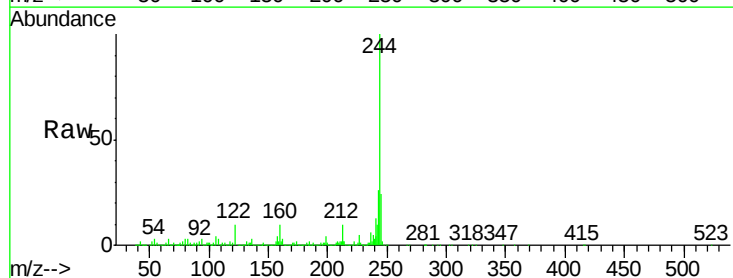
RT: 20.14 min Scan# 2945

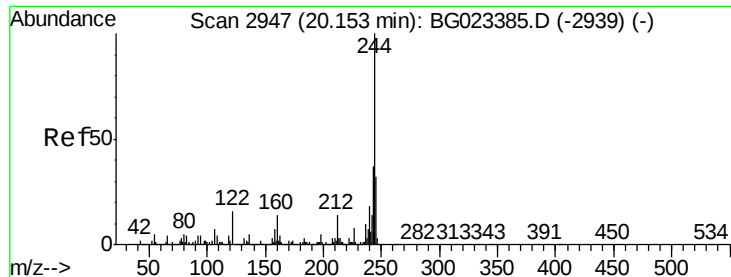
Delta R.T. 0.17 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	58.6	21.2	31.8#
203	17.9	16.8	25.2





#78

Terphenyl-d14

Concen: 75.37 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

PB92989BL

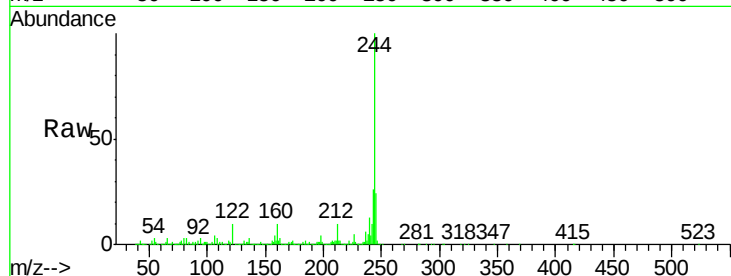
Tgt Ion:244 Resp: 1964232

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

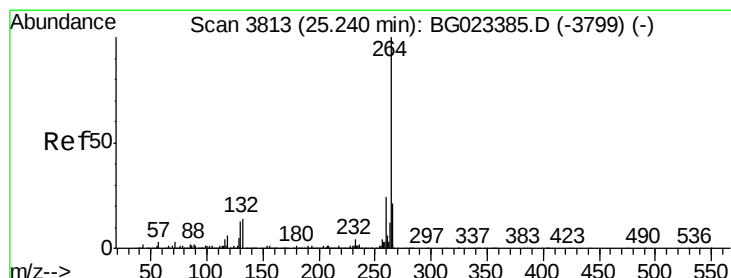
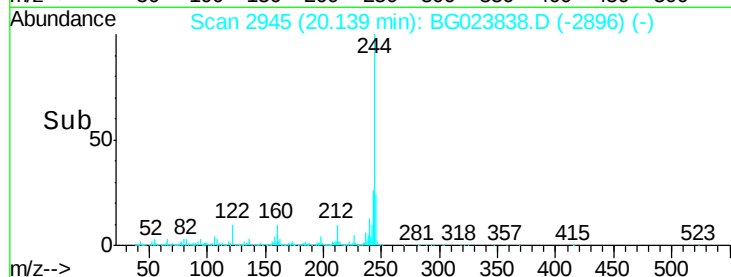
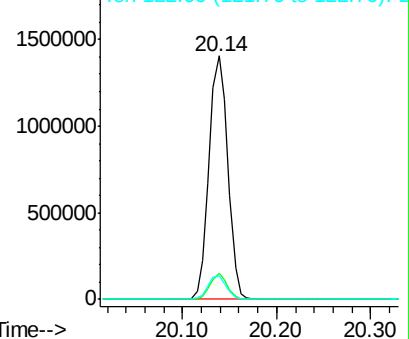
122 9.5 8.0 12.0



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: 25.23 min Scan# 3811

Delta R.T. -0.01 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

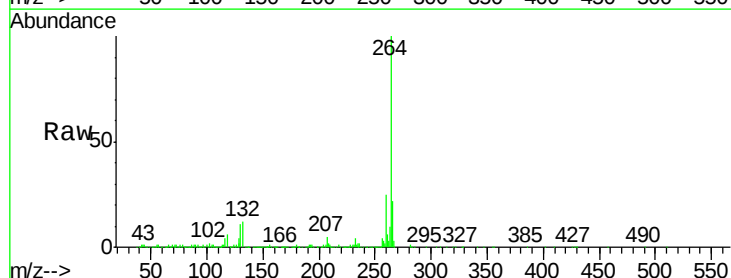
Tgt Ion:264 Resp: 775830

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 22.0 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

