

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023850.D
 Acq On : 23 Aug 2016 13:07
 Operator : UM/SJ
 Sample : PB93023BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93023BL

Quant Time: Aug 24 01:17:37 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

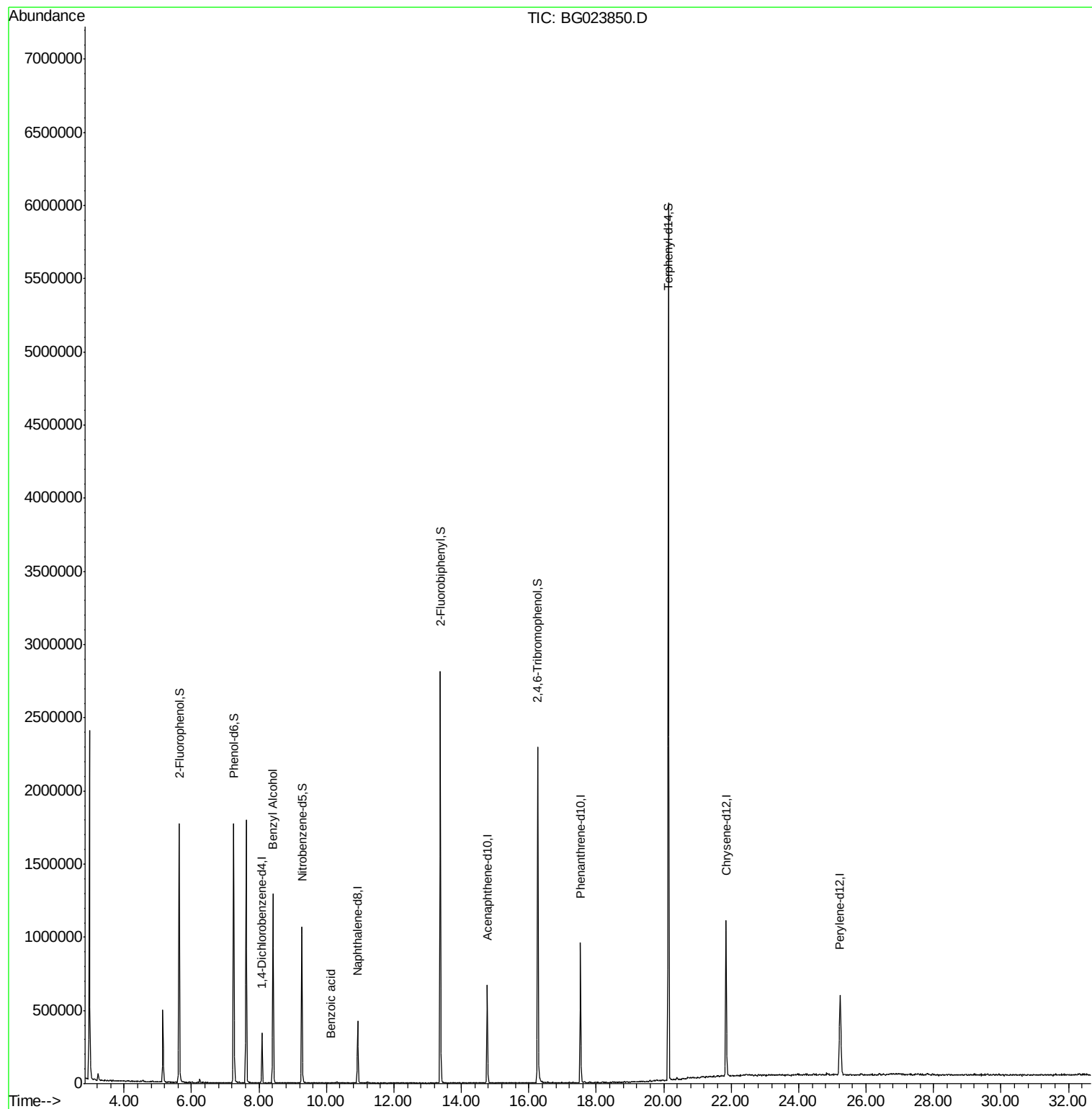
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	92434	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	368847	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	237855	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	599392	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	697817	20.00	ng	-0.01
86) Perylene-d12	25.24	264	662374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	752645	137.06	ng	-0.03
7) Phenol-d6	7.24	99	1062129	124.18	ng	-0.03
23) Nitrobenzene-d5	9.27	82	713247	96.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	448772	128.99	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1420518	100.73	ng	-0.02
78) Terphenyl-d14	20.14	244	2255034	105.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.24	77	2280	Below Cal	#	8
15) Benzyl Alcohol	8.41	79	13063	2.02 ng	#	65
32) Benzoic acid	10.14	122	55	6.45 ng	#	1
73) Di-n-butylphthalate	18.48	149	3048	Below Cal	#	87
74) Fluoranthene	19.59	202	1887	Below Cal		92
77) Pyrene	19.96	202	1728	Below Cal	#	84

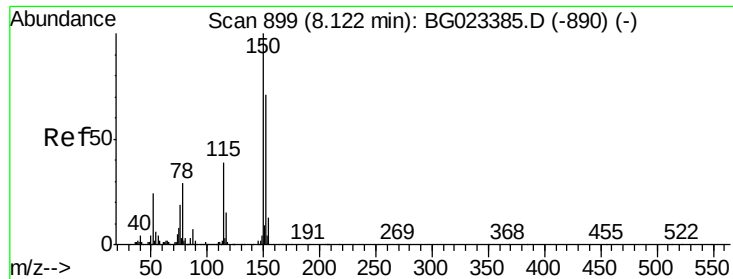
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023850.D

Acq: 23 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

PB93023BL

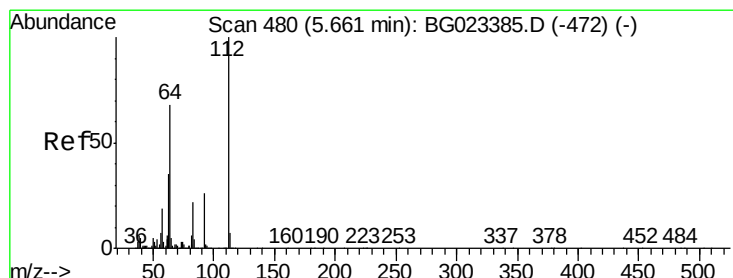
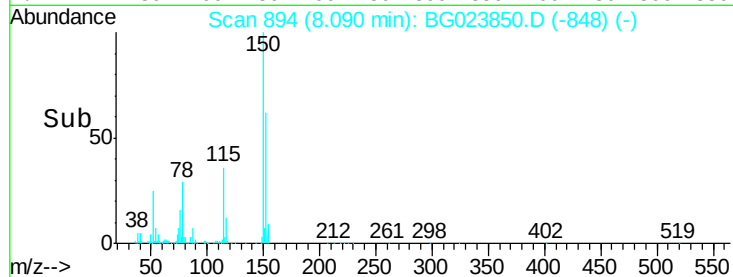
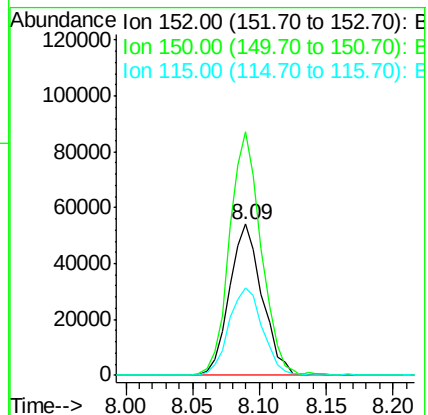
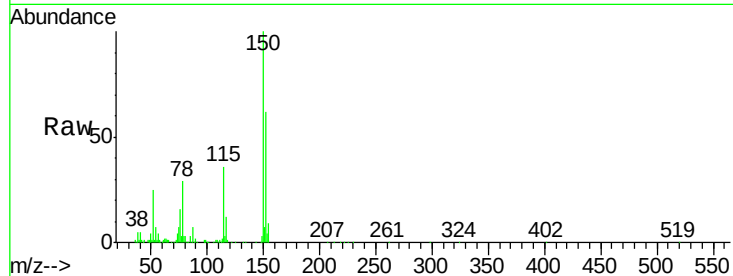
Tgt Ion:152 Resp: 92434

Ion Ratio Lower Upper

152 100

150 161.3 144.7 217.1

115 57.6 64.0 96.0#



#5

2-Fluorophenol

Concen: 137.06 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

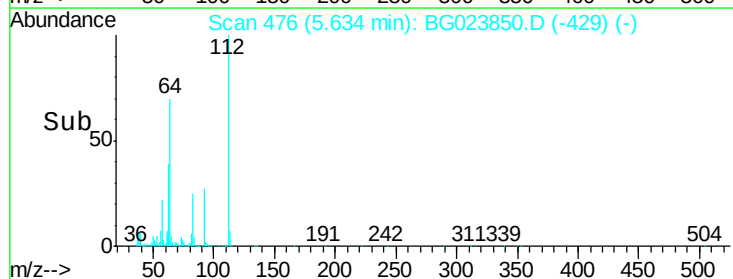
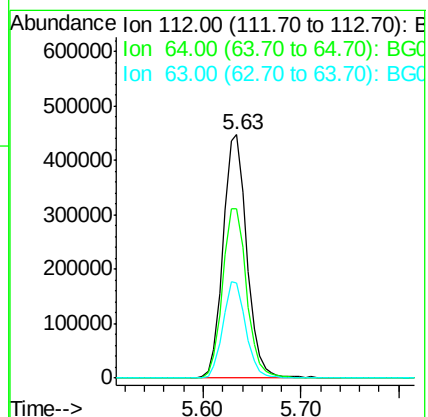
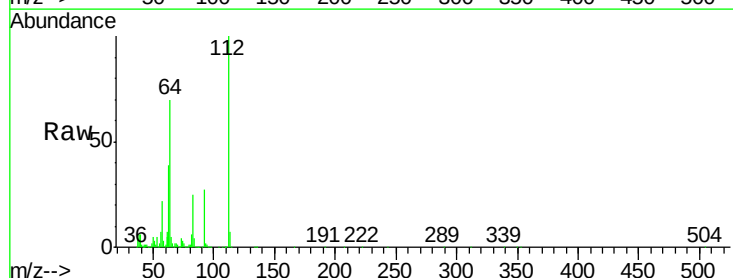
Tgt Ion:112 Resp: 752645

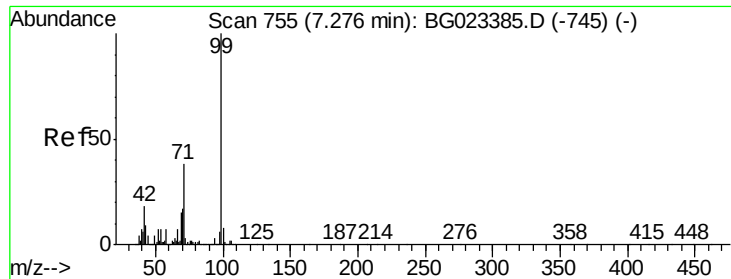
Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

63 39.3 37.8 56.8





#7

Phenol-d6

Concen: 124.18 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

PB93023BL

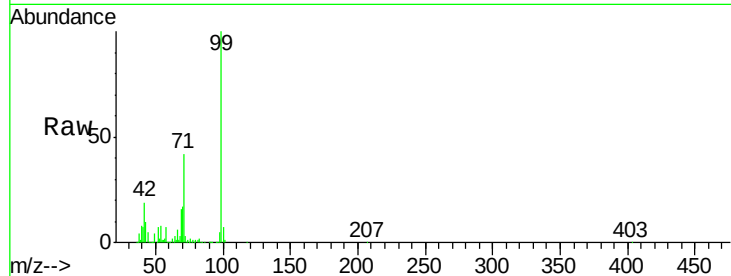
Tgt Ion: 99 Resp: 1062129

Ion Ratio Lower Upper

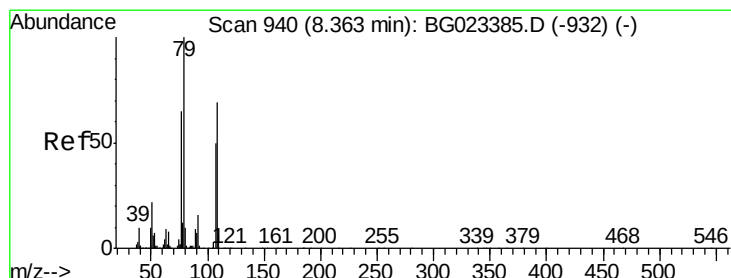
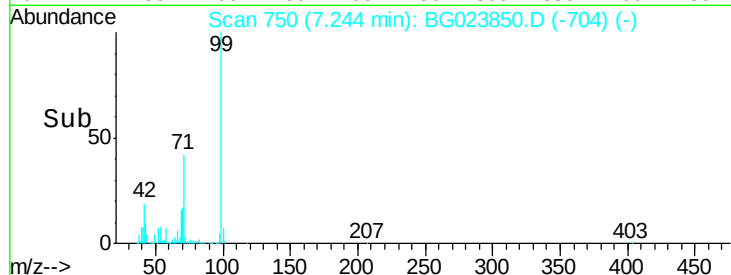
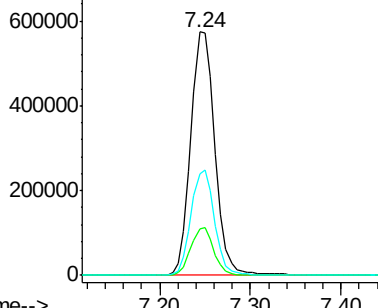
99 100

42 18.9 17.8 26.6

71 41.9 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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.05 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

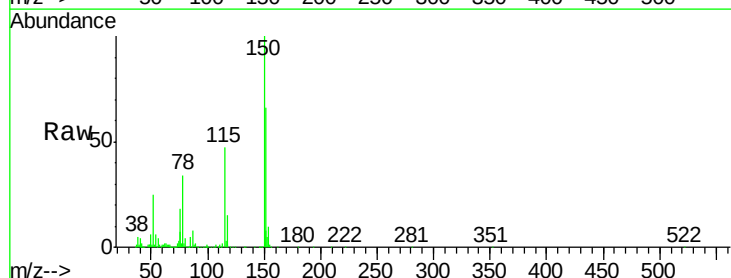
Tgt Ion: 79 Resp: 13063

Ion Ratio Lower Upper

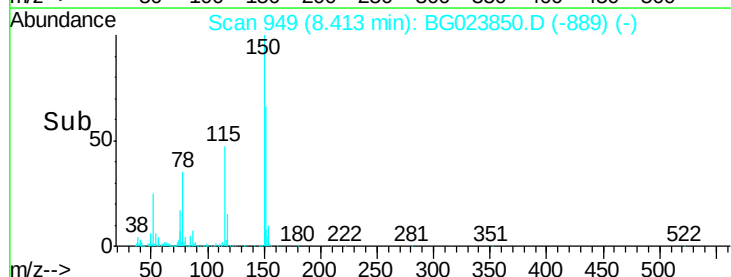
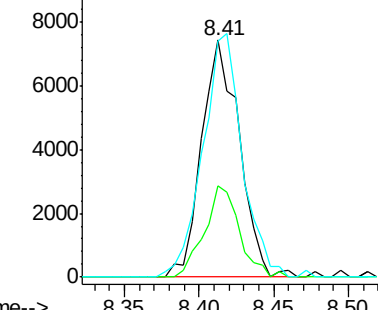
79 100

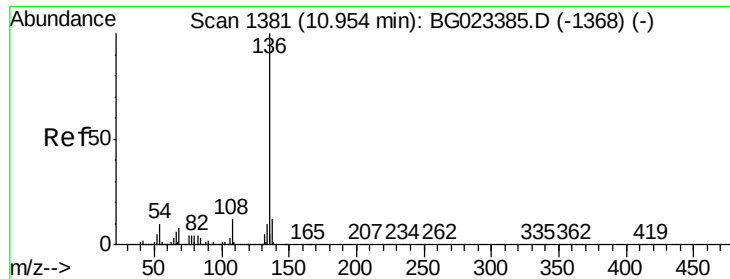
108 38.3 46.5 69.7#

77 99.5 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

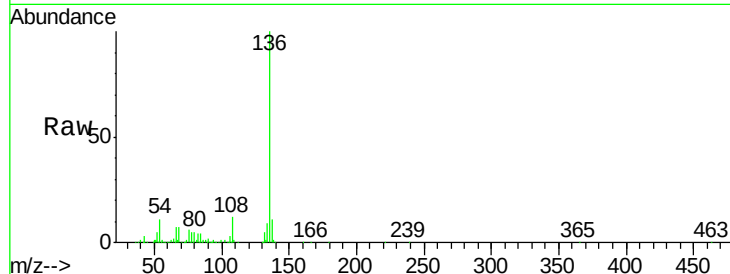




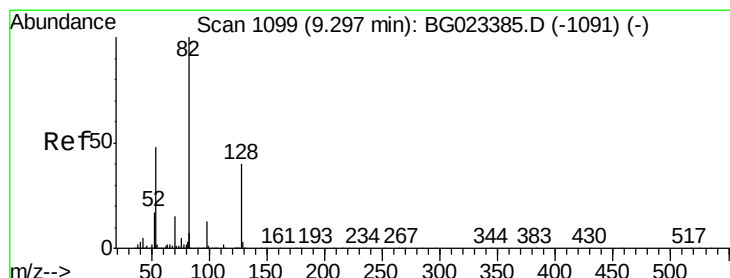
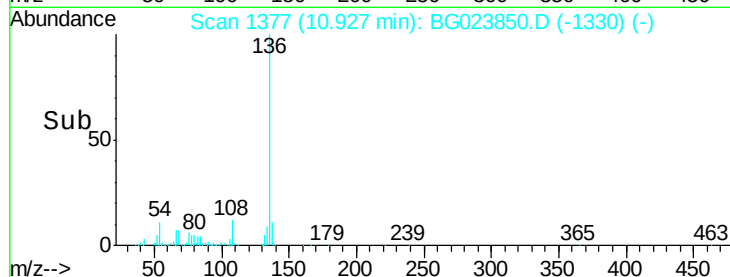
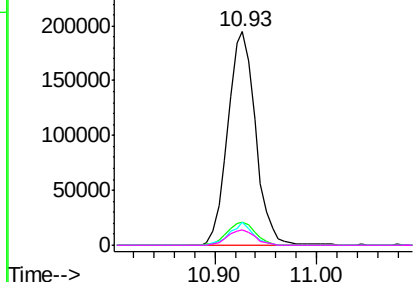
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

Instrument :
BNA_G
ClientSampleId :
PB93023BL

Tgt Ion:	136	Resp:	368847
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.5	7.3	10.9
68	7.0	5.3	7.9

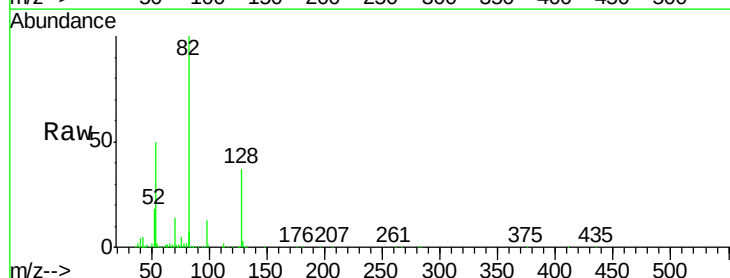


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

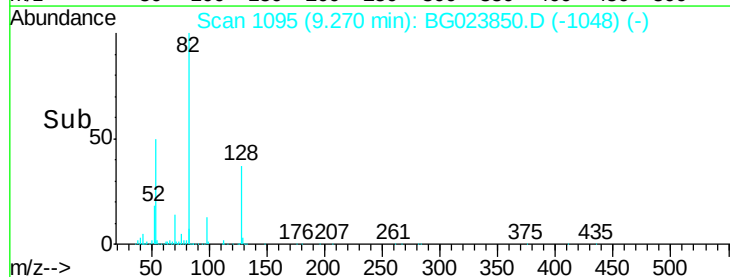
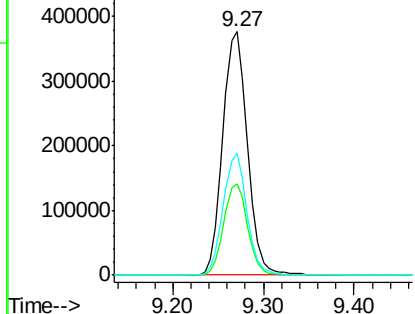


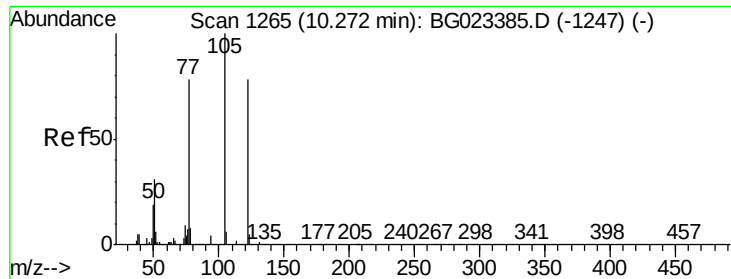
#23
Nitrobenzene-d5
Concen: 96.14 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

Tgt Ion:	82	Resp:	713247
Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.4	36.6#
54	50.2	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

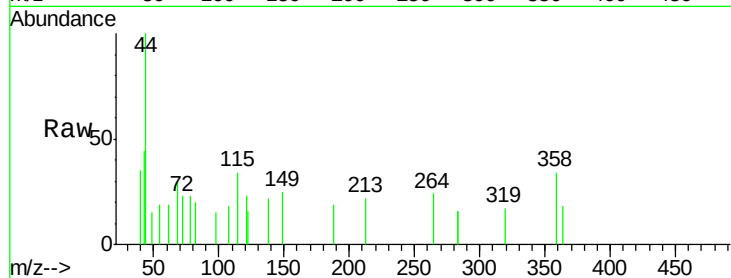




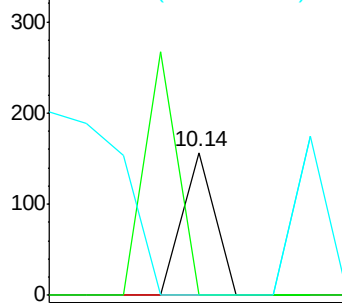
#32
Benzoic acid
Concen: 6.45 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.13 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

Instrument :
BNA_G
ClientSampled :
PB93023BL

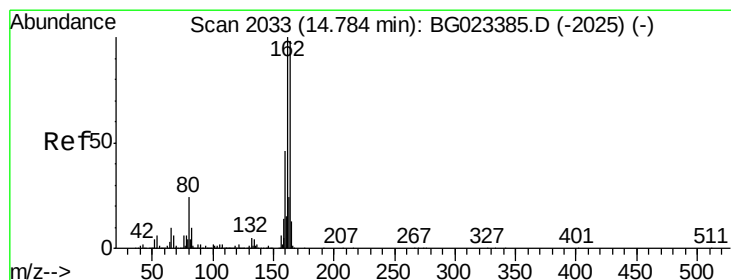
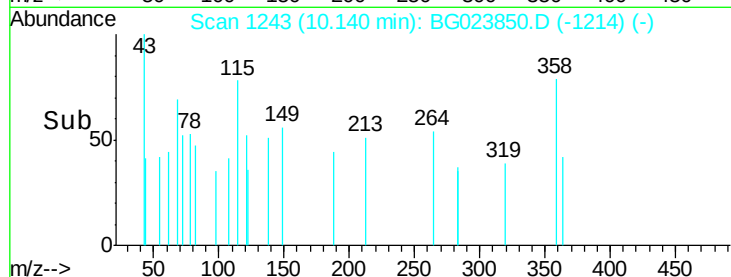
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

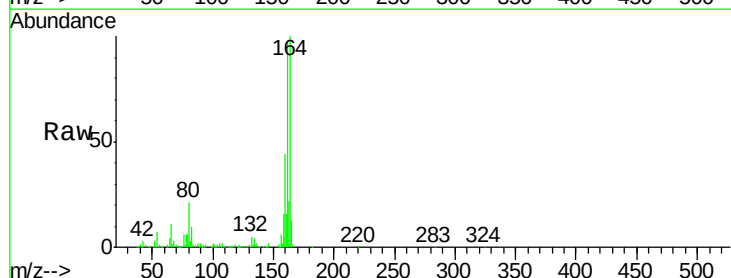


Time-->

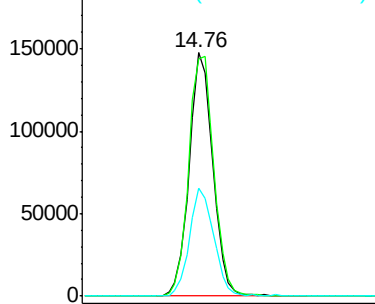


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

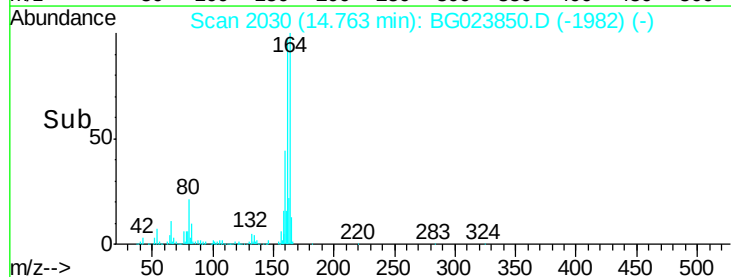
Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	87.7	131.5
160	44.4	37.2	55.8

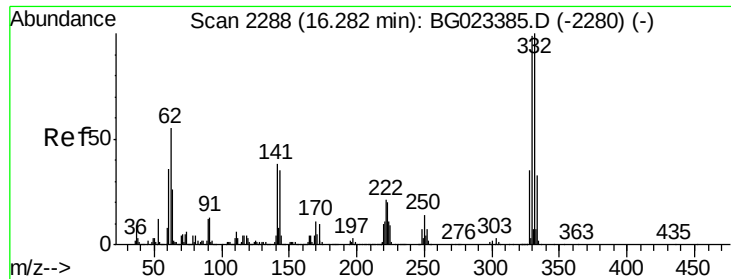


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 128.99 ng

RT: 16.27 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

PB93023BL

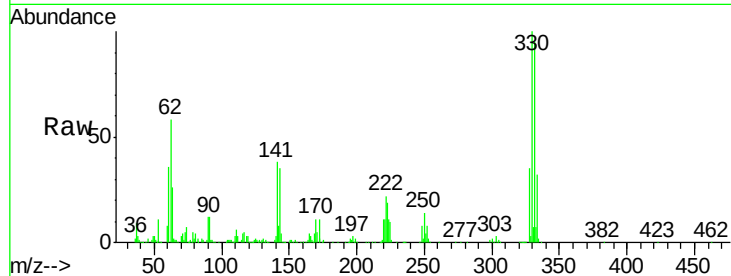
Tgt Ion:330 Resp: 448772

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

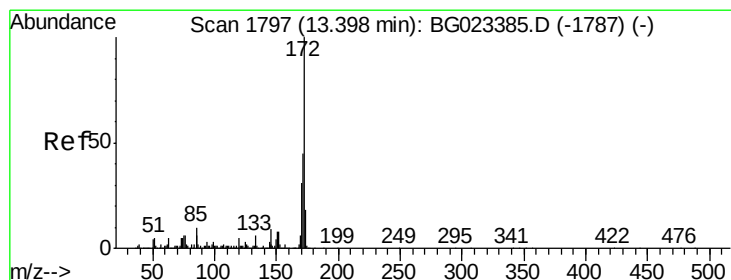
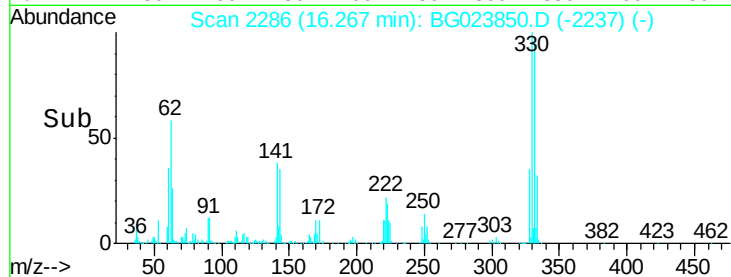
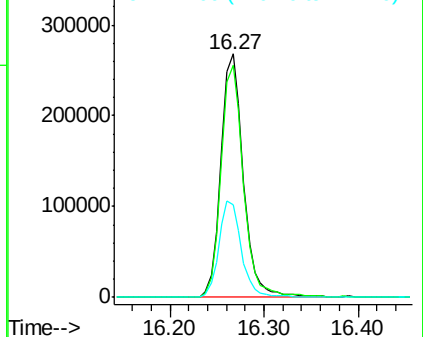
141 39.7 31.7 47.5



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: 100.73 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

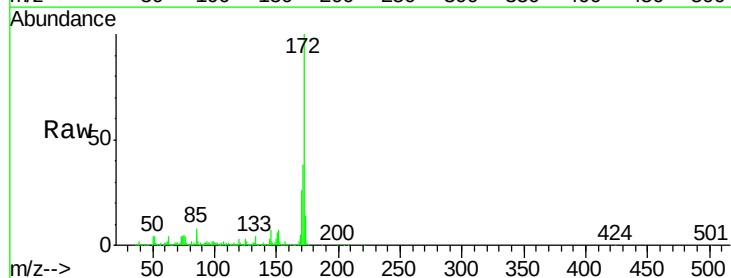
Tgt Ion:172 Resp: 1420518

Ion Ratio Lower Upper

172 100

171 38.0 31.6 47.4

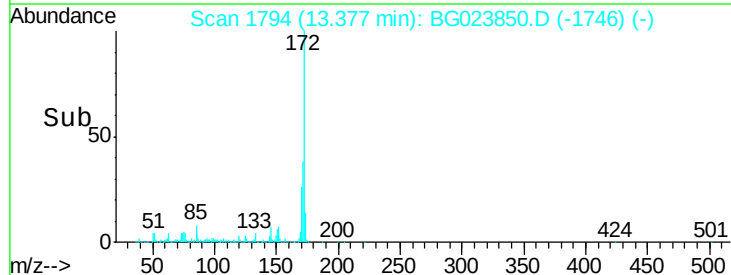
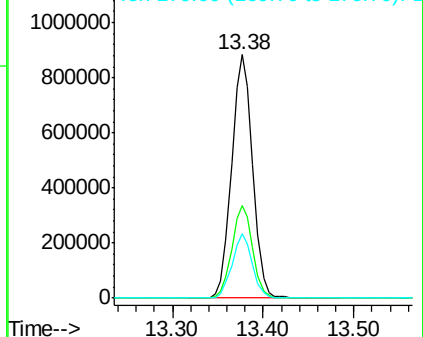
170 26.3 21.3 31.9

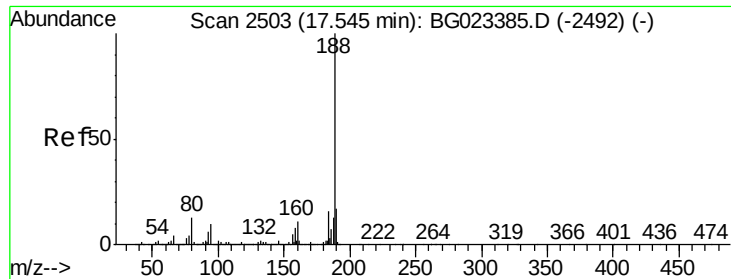


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

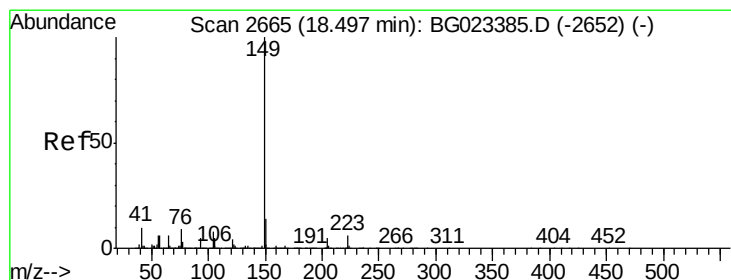
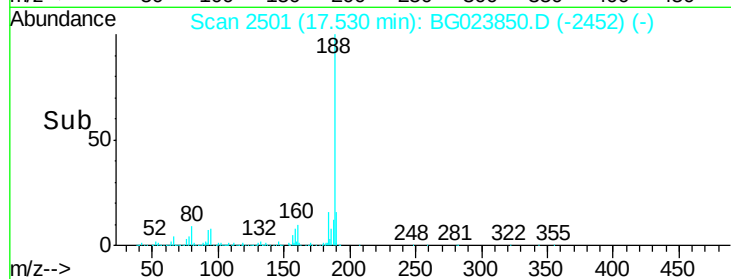
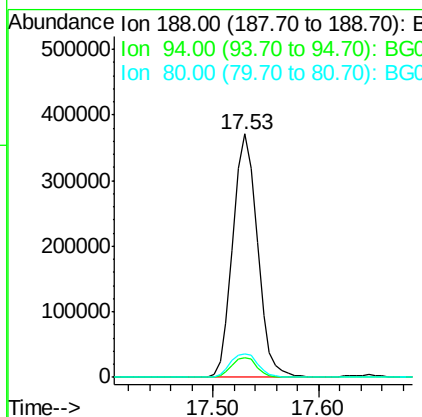
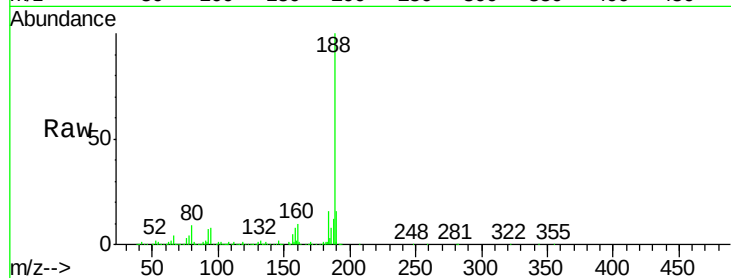




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

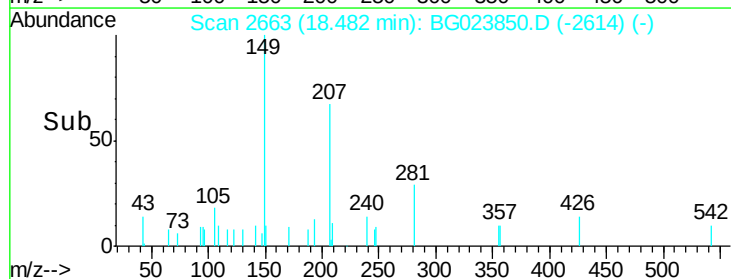
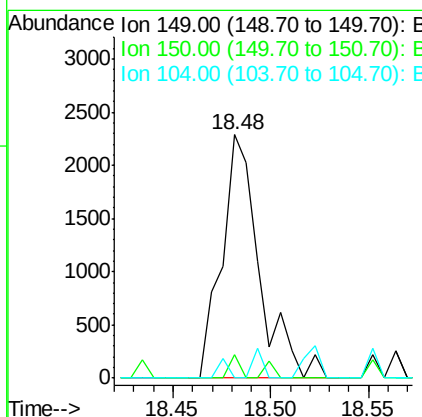
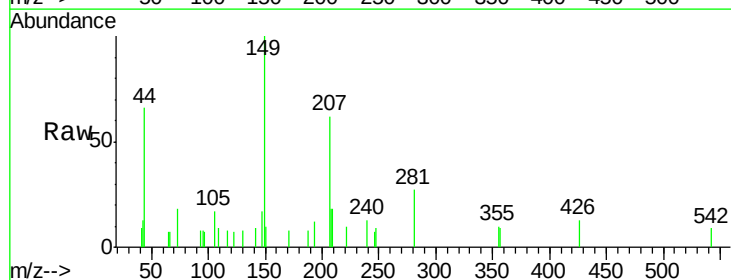
Instrument :
BNA_G
ClientSampleId :
PB93023BL

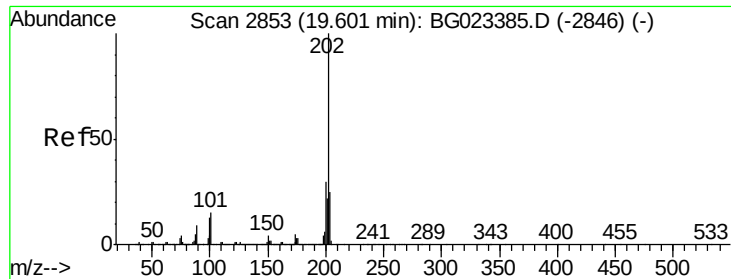
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.2	7.8#
80	9.5	7.2	10.8



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2663
Delta R.T. -0.01 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	0.0	6.9	10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

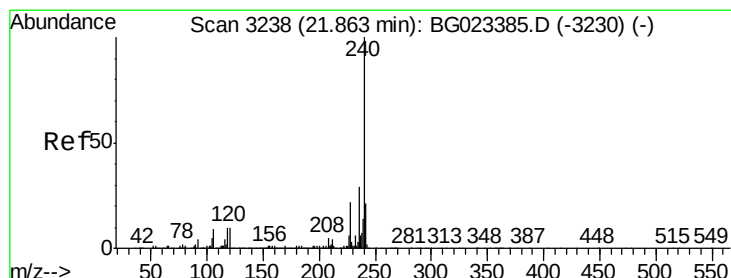
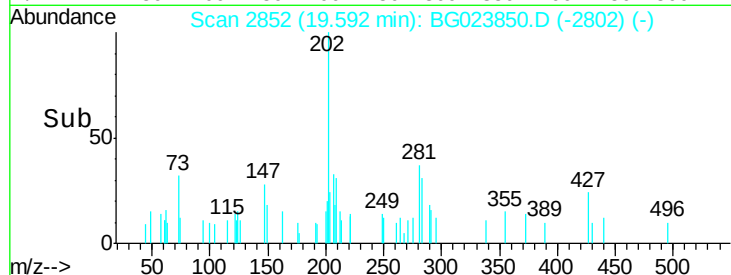
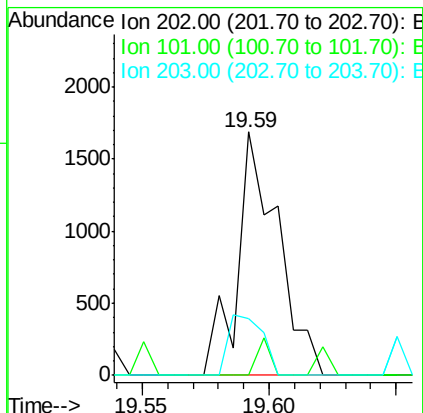
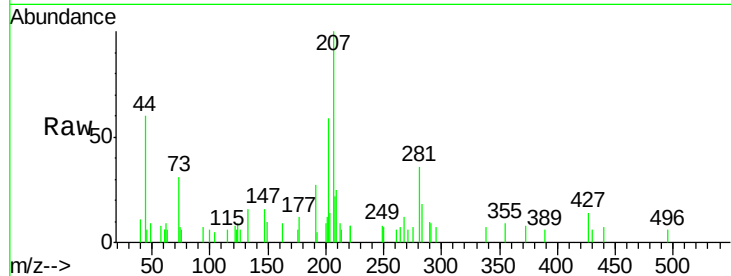
Instrument :

BNA_G

ClientSampleId :

PB93023BL

Tgt Ion:	202	Resp:	1887
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	27.4
203	23.5	1.7	41.7



#75

Chrysene-d12

Concen: 20.00 ng

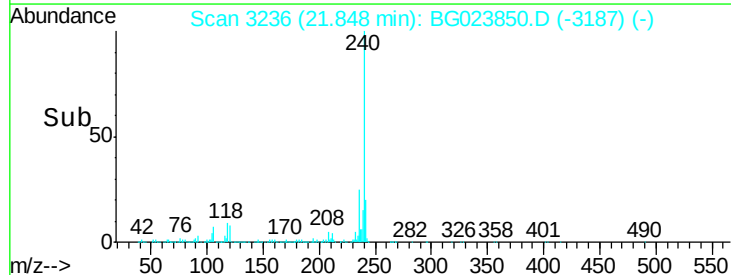
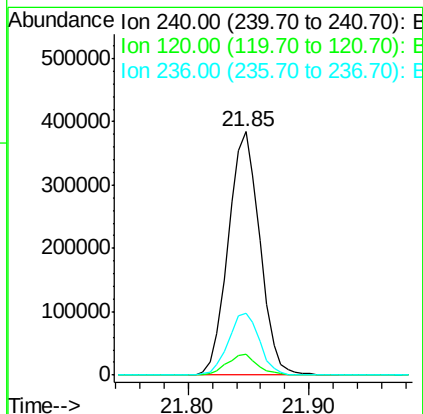
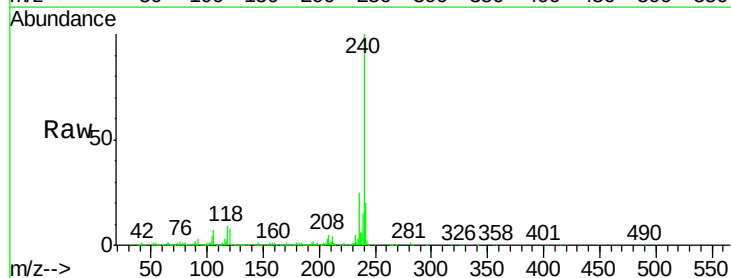
RT: 21.85 min Scan# 3236

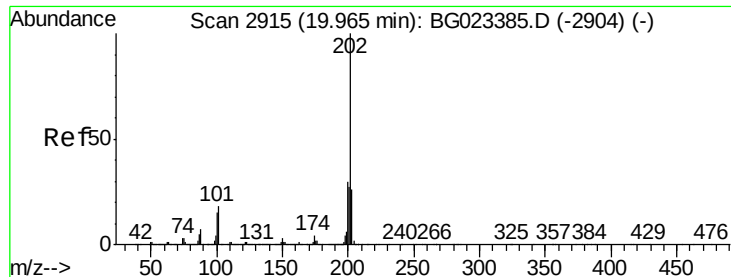
Delta R.T. -0.01 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Tgt Ion:	240	Resp:	697817
Ion Ratio	Lower	Upper	
240	100		
120	8.4	4.1	6.1#
236	25.3	21.1	31.7

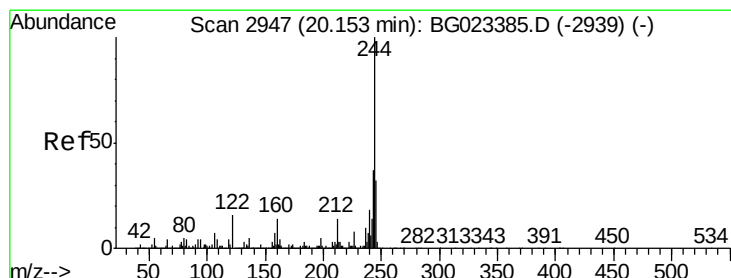
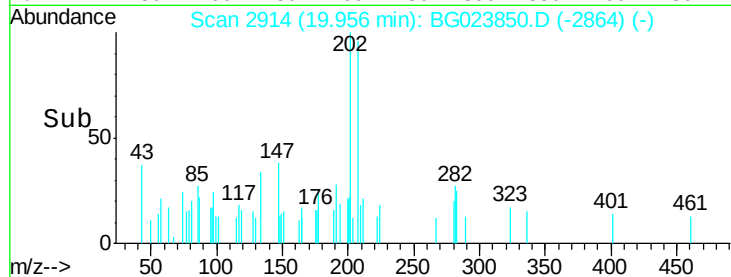
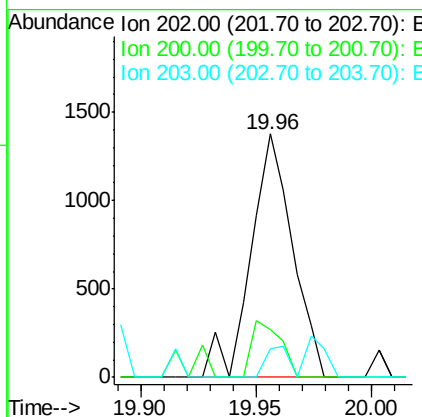
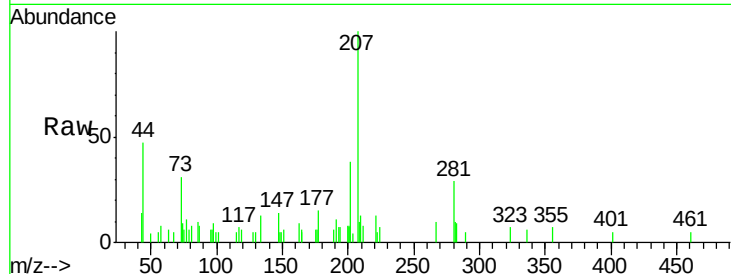




#77
 Pyrene
 Concen: Below Cal
 RT: 19.96 min Scan# 2914
 Delta R.T. -0.01 min
 Lab File: BG023850.D
 Acq: 23 Aug 2016 13:07

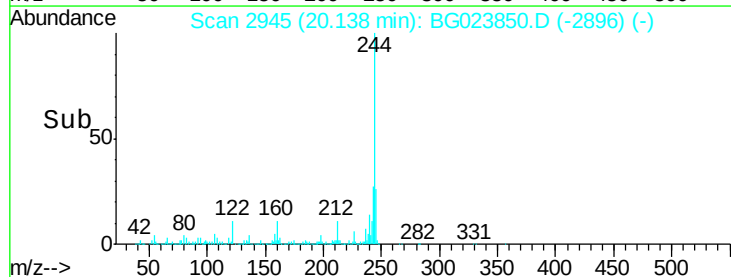
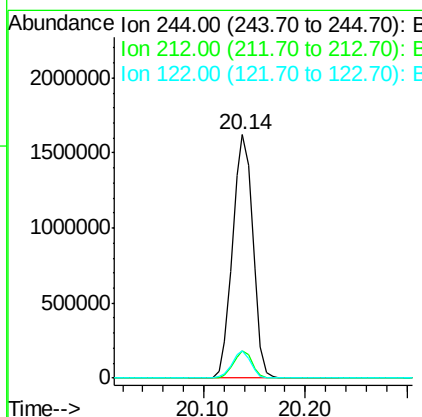
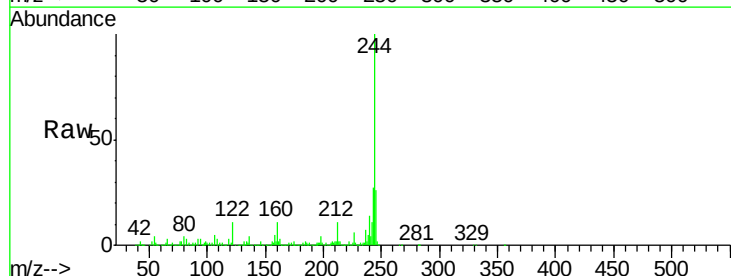
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BL

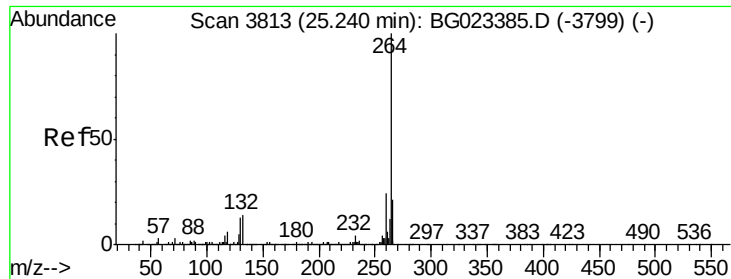
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	21.2	31.8#
203	11.5	16.8	25.2#



#78
 Terphenyl-d14
 Concen: 105.82 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG023850.D
 Acq: 23 Aug 2016 13:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.8	16.2
122	11.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

Instrument :
BNA_G
ClientSampleId :
PB93023BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	22.3	18.9	28.3

