

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023856.D
 Acq On : 23 Aug 2016 16:54
 Operator : UM/SJ
 Sample : H4556-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11C(15-16.5)

Quant Time: Aug 24 01:19:23 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

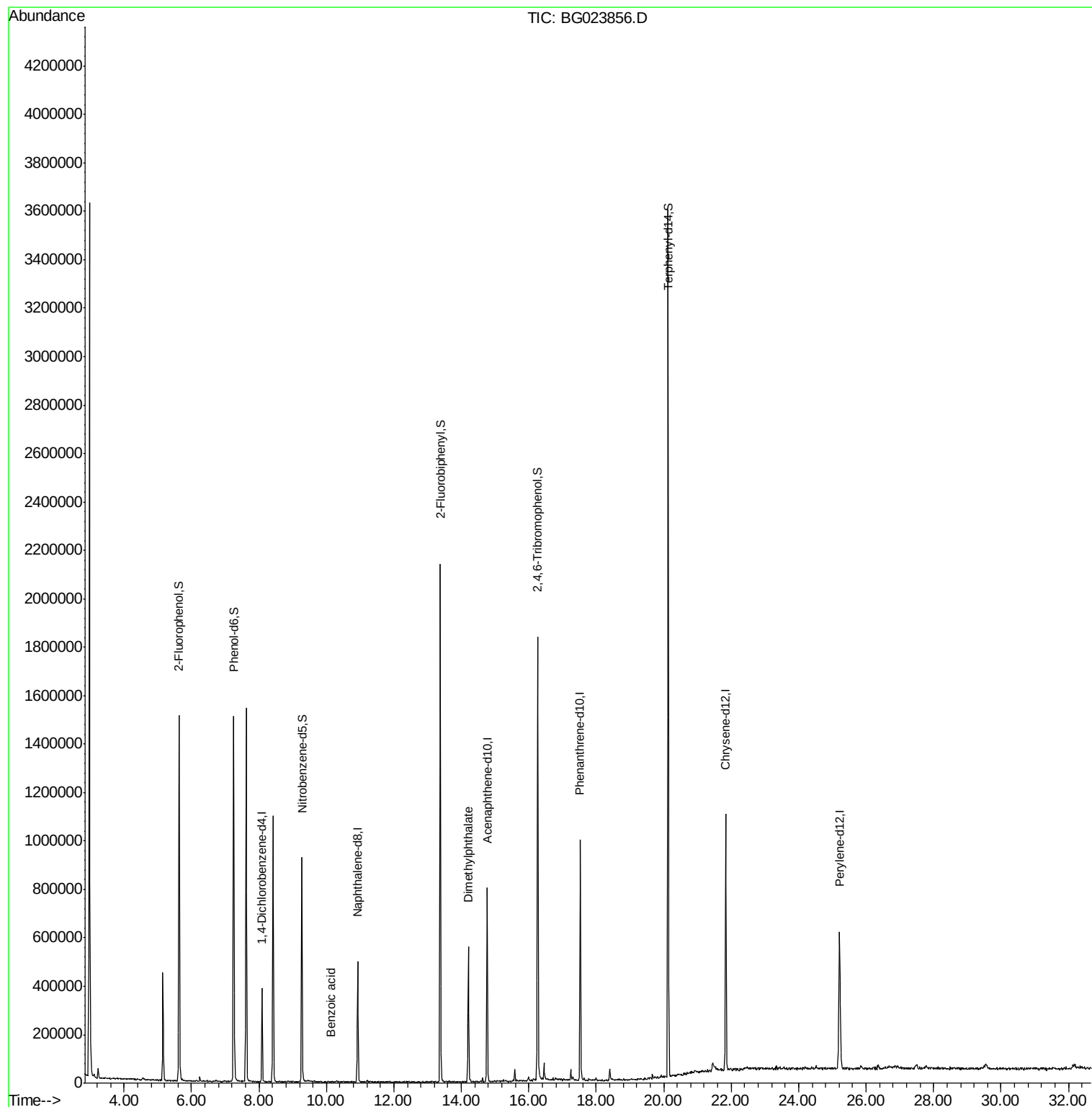
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	102007	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	424308	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	261246	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	605669	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	659007	20.00	ng	-0.03
86) Perylene-d12	25.21	264	645176	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	637532	105.20	ng	-0.03
7) Phenol-d6	7.25	99	907235	96.12	ng	-0.03
23) Nitrobenzene-d5	9.27	82	612951	71.82	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	331818	86.84	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1091214	70.45	ng	-0.02
78) Terphenyl-d14	20.13	244	1452338	64.31	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.25	77	1979	Below Cal	#	8
32) Benzoic acid	10.14	122	62	6.45 ng	#	1
49) Dimethylphthalate	14.20	163	349574	17.44 ng		100
73) Di-n-butylphthalate	18.48	149	2704	Below Cal	#	88
74) Fluoranthene	19.60	202	425	Below Cal	#	60
77) Pyrene	19.96	202	274	Below Cal	#	29

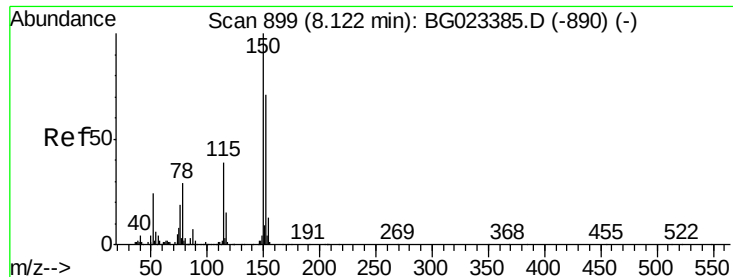
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 01 19:22:14 2016
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: BG023856.D

Acq: 23 Aug 2016 16:54

Instrument :

BNA_G

ClientSampleId :

SB-11C(15-16.5)

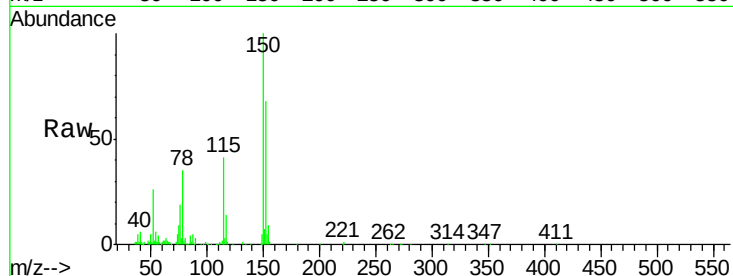
Tgt Ion:152 Resp: 102007

Ion Ratio Lower Upper

152 100

150 146.3 144.7 217.1

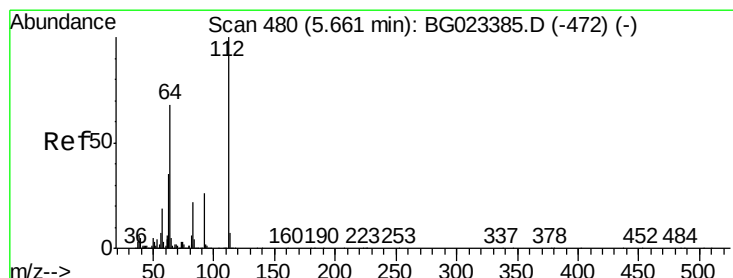
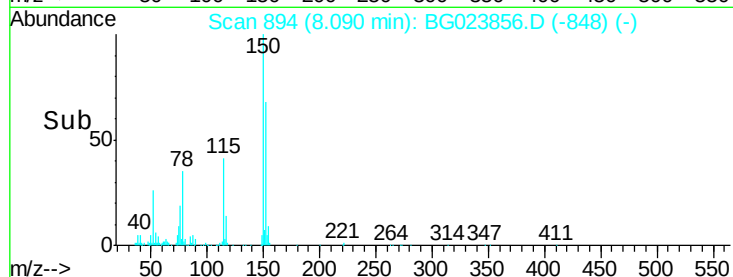
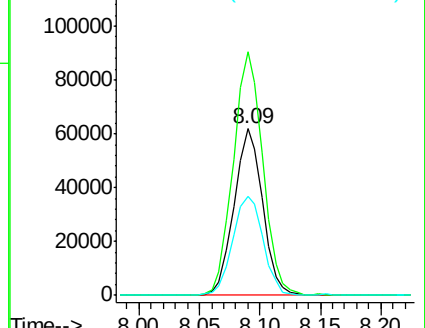
115 59.8 64.0 96.0#



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: 105.20 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023856.D

Acq: 23 Aug 2016 16:54

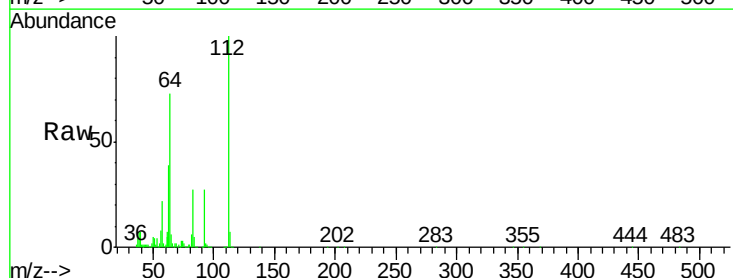
Tgt Ion:112 Resp: 637532

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

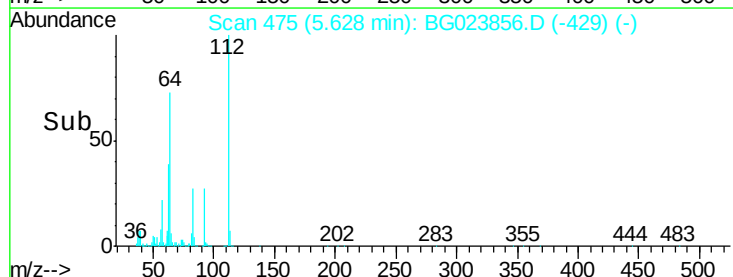
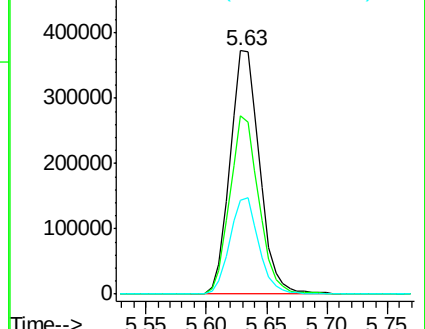
63 38.6 37.8 56.8

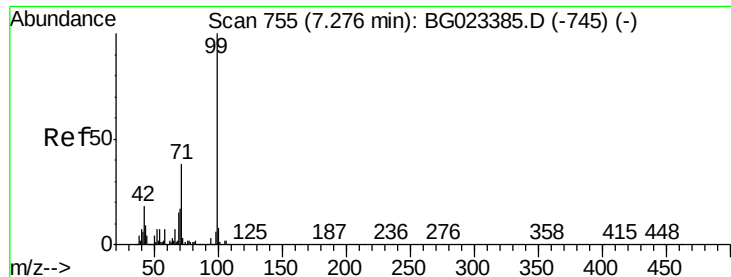


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.12 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023856.D

Acq: 23 Aug 2016 16:54

Instrument :

BNA_G

ClientSampleId :

SB-11C(15-16.5)

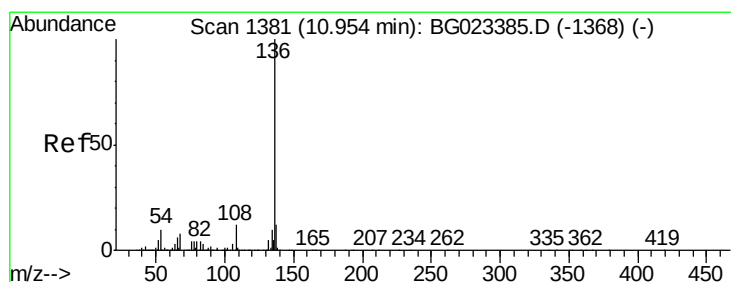
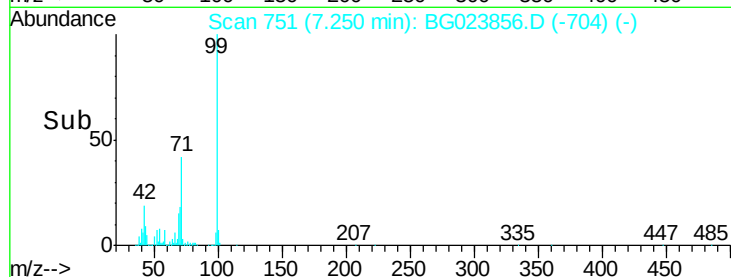
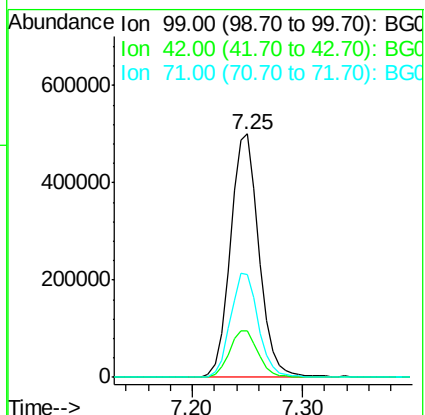
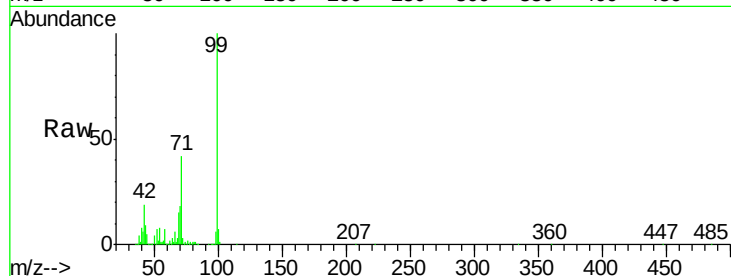
Tgt Ion: 99 Resp: 907235

Ion Ratio Lower Upper

99 100

42 19.2 17.8 26.6

71 42.4 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023856.D

Acq: 23 Aug 2016 16:54

Tgt Ion: 136 Resp: 424308

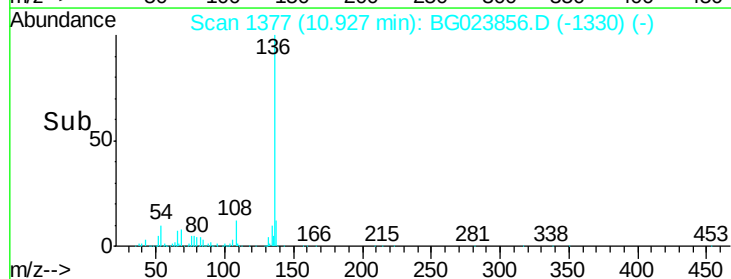
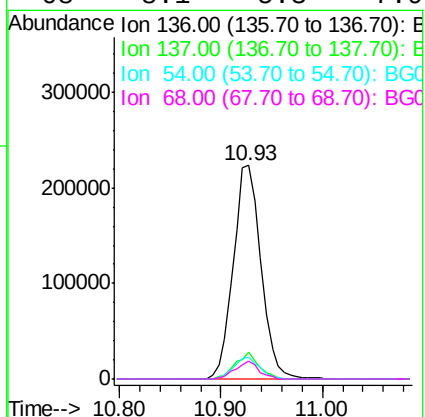
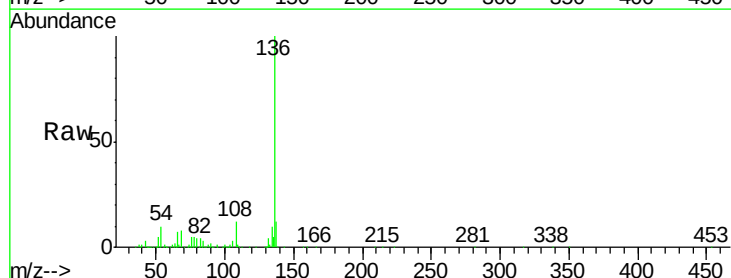
Ion Ratio Lower Upper

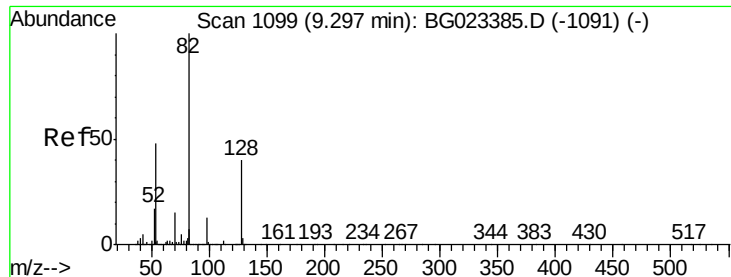
136 100

137 12.4 9.6 14.4

54 9.9 7.3 10.9

68 8.1 5.3 7.9#

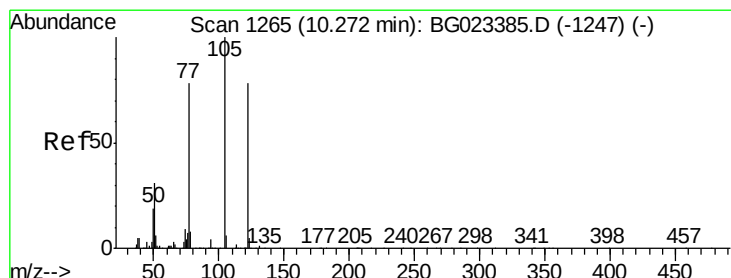
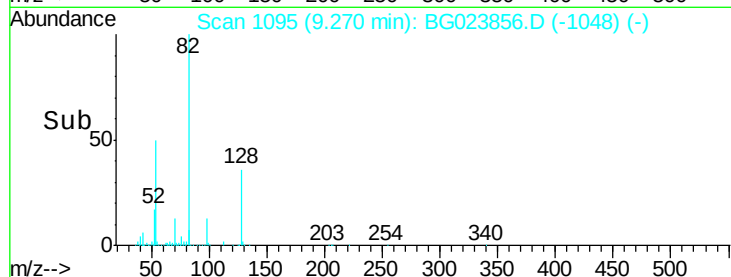
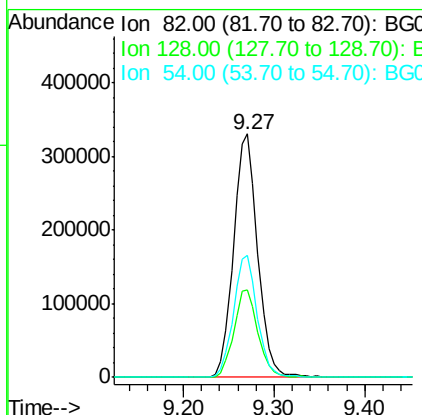
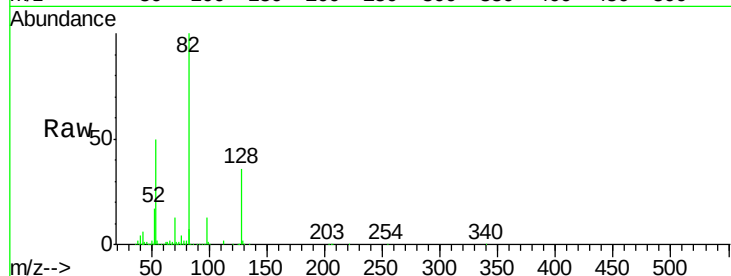




#23
 Nitrobenzene-d5
 Concen: 71.82 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023856.D
 Acq: 23 Aug 2016 16:54

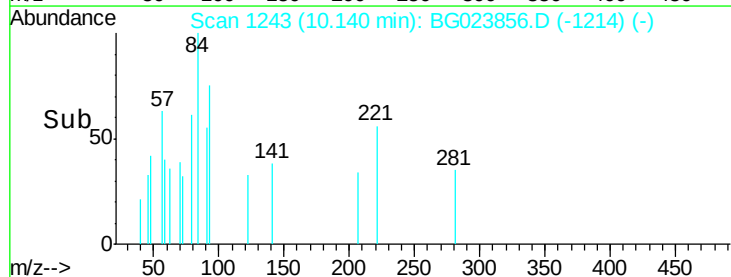
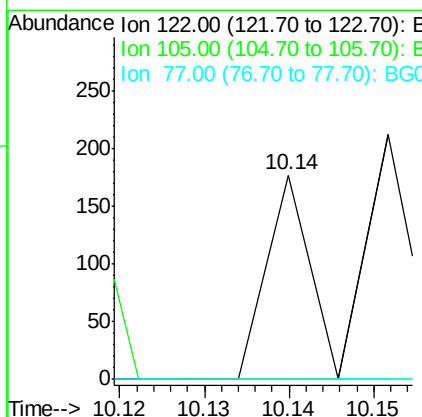
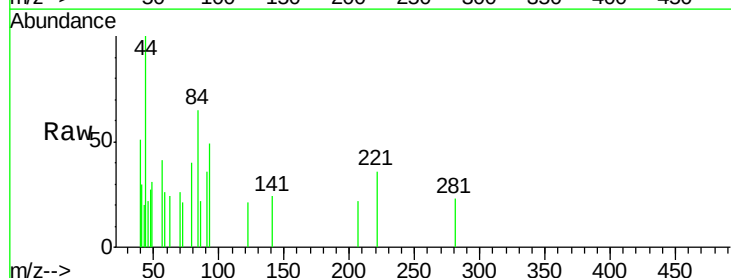
Instrument :
 BNA_G
 ClientSampleId :
 SB-11C(15-16.5)

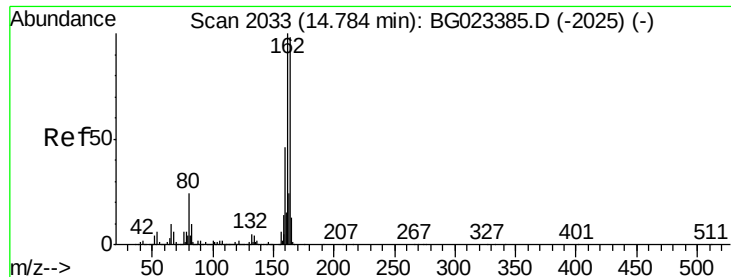
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.4	36.6
54	50.0	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. -0.13 min
 Lab File: BG023856.D
 Acq: 23 Aug 2016 16:54

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: BG023856.D

Acq: 23 Aug 2016 16:54

Instrument :

BNA_G

ClientSampleId :

SB-11C(15-16.5)

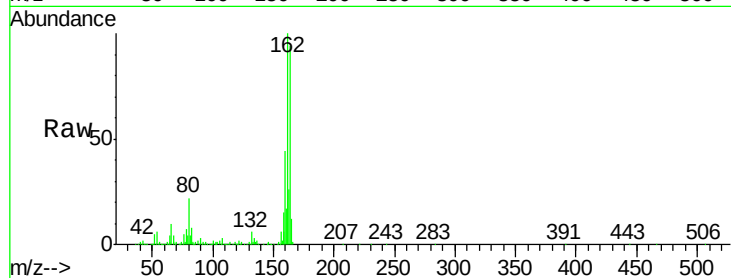
Tgt Ion:164 Resp: 261246

Ion Ratio Lower Upper

164 100

162 106.8 87.7 131.5

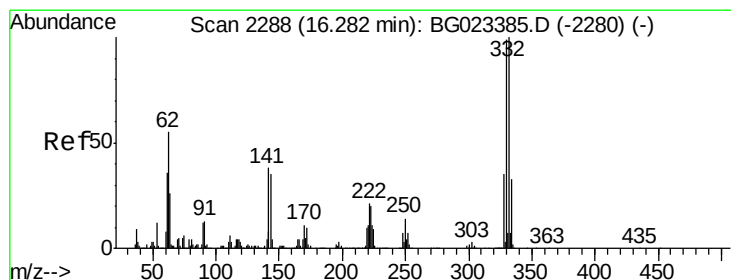
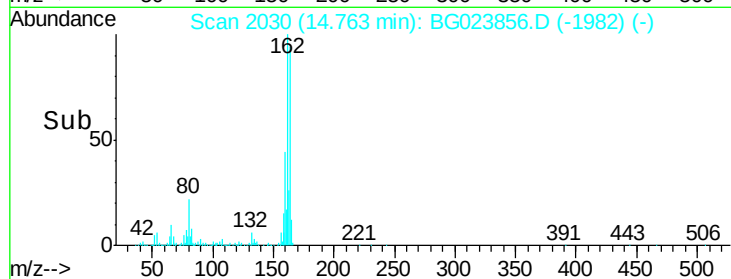
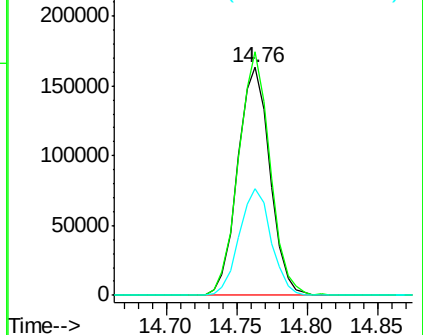
160 46.7 37.2 55.8



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: 86.84 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023856.D

Acq: 23 Aug 2016 16:54

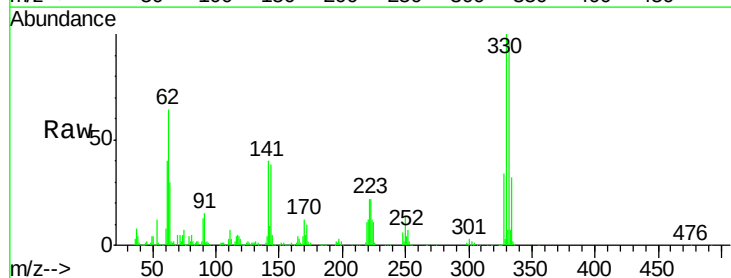
Tgt Ion:330 Resp: 331818

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

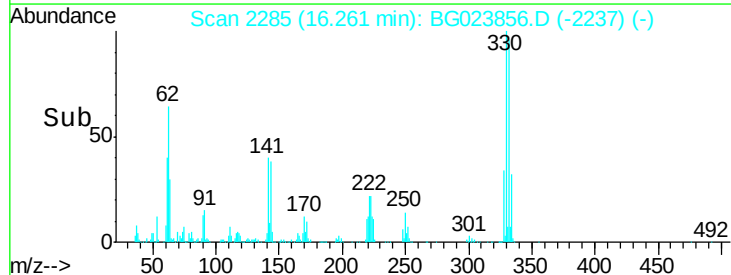
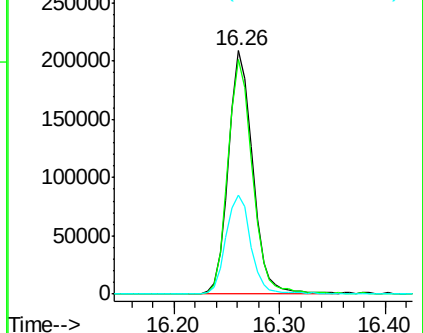
141 41.8 31.7 47.5

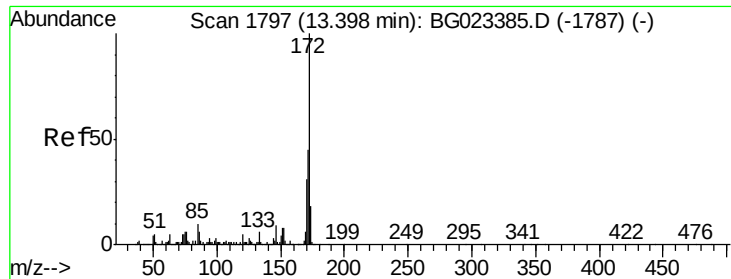


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

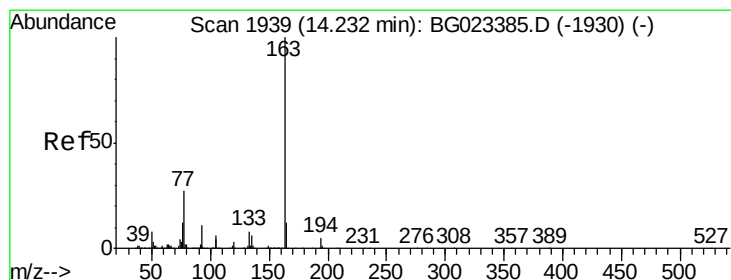
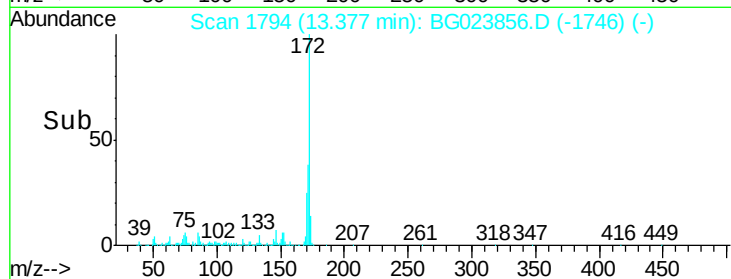
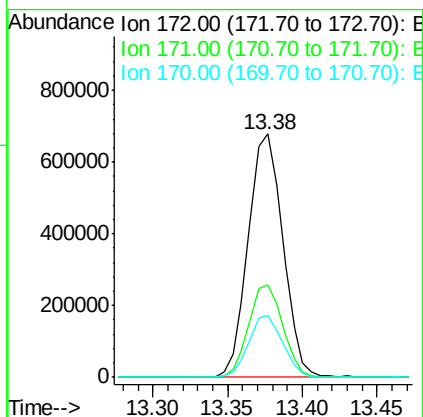
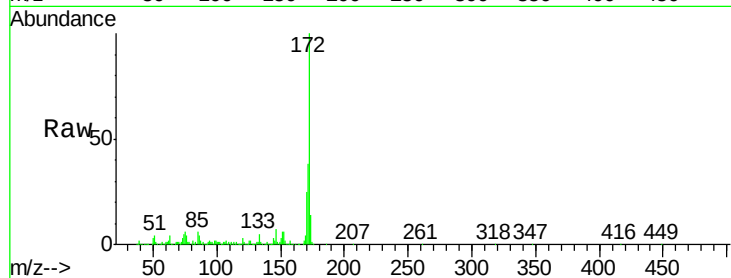




#44
2-Fluorobiphenyl
Concen: 70.45 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023856.D
Acq: 23 Aug 2016 16:54

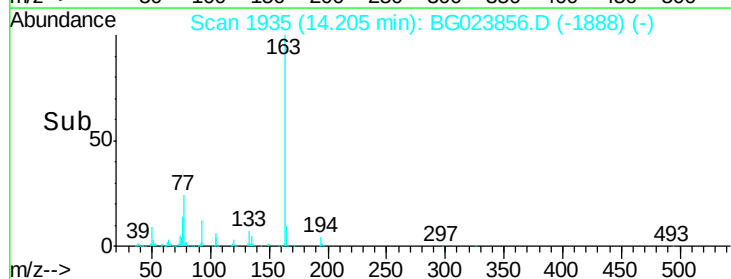
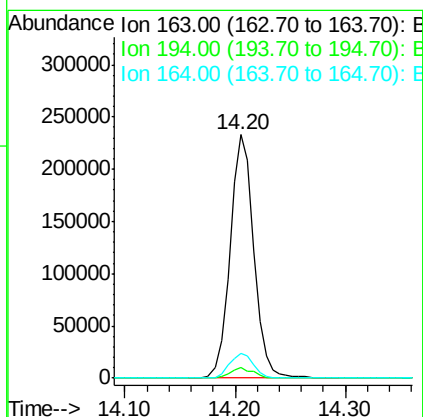
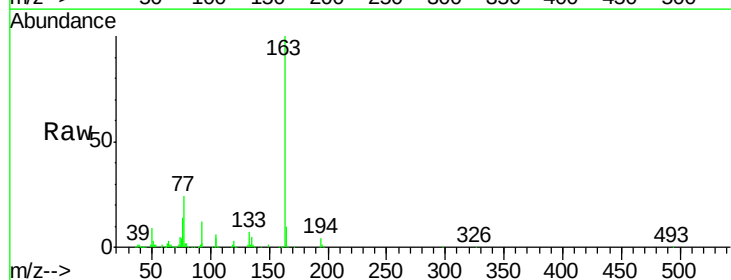
Instrument :
BNA_G
ClientSampleId :
SB-11C(15-16.5)

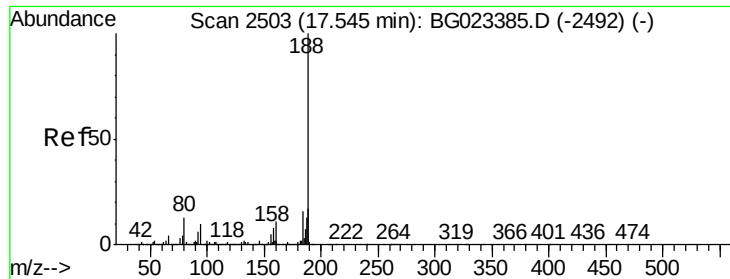
Tgt Ion:172 Resp: 1091214
Ion Ratio Lower Upper
172 100
171 38.0 31.6 47.4
170 25.2 21.3 31.9



#49
Dimethylphthalate
Concen: 17.44 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023856.D
Acq: 23 Aug 2016 16:54

Tgt Ion:163 Resp: 349574
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 9.9 8.1 12.1

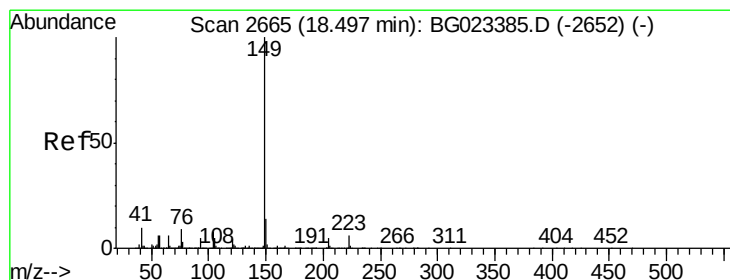
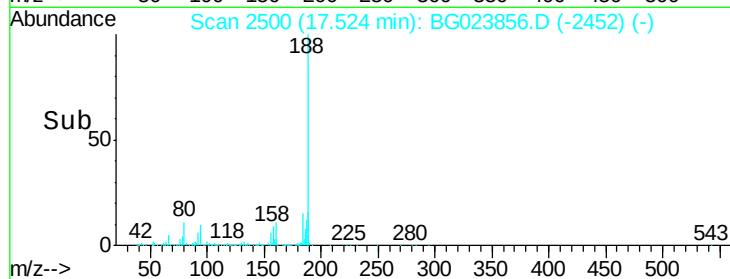
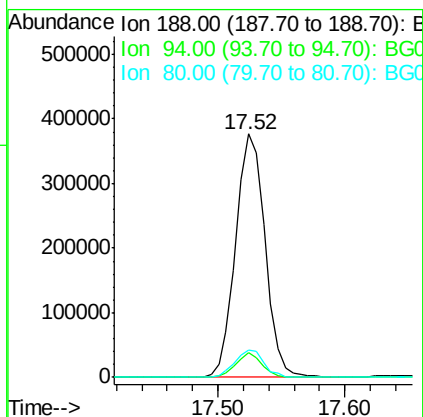
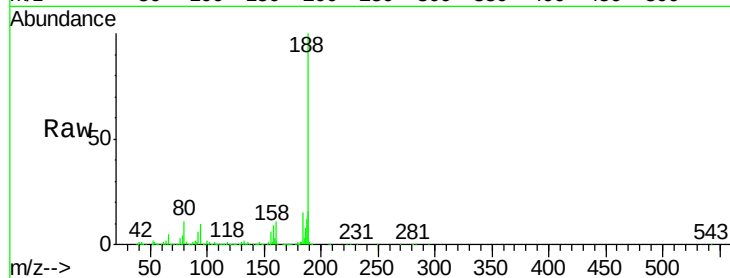




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG023856.D
Acq: 23 Aug 2016 16:54

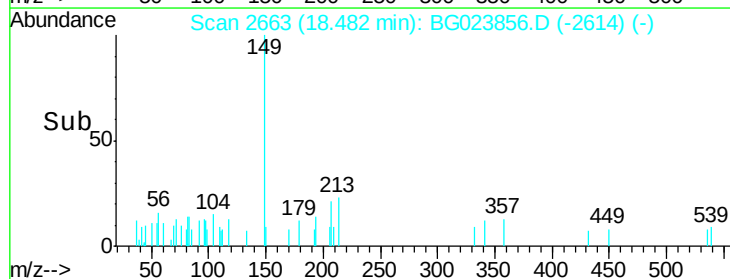
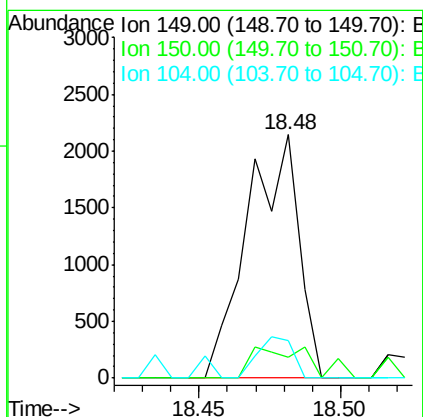
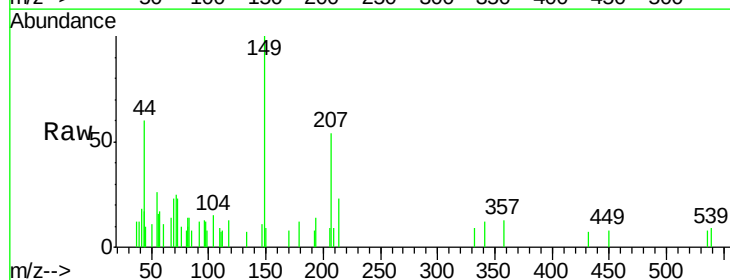
Instrument :
BNA_G
ClientSampleId :
SB-11C(15-16.5)

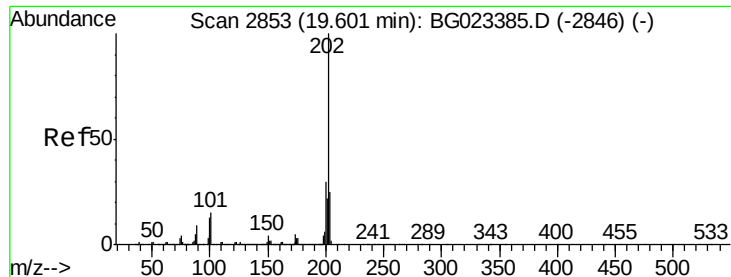
Tgt Ion:188 Resp: 605669
Ion Ratio Lower Upper
188 100
94 10.1 5.2 7.8#
80 11.1 7.2 10.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2663
Delta R.T. -0.01 min
Lab File: BG023856.D
Acq: 23 Aug 2016 16:54

Tgt Ion:149 Resp: 2704
Ion Ratio Lower Upper
149 100
150 8.6 9.1 13.7#
104 15.4 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023856.D

Acq: 23 Aug 2016 16:54

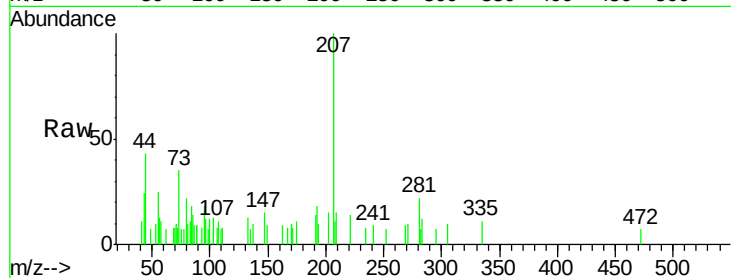
Instrument :

BNA_G

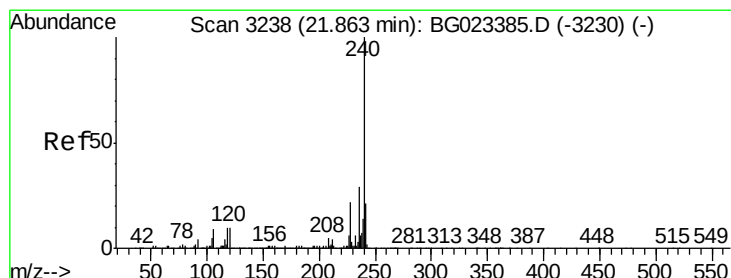
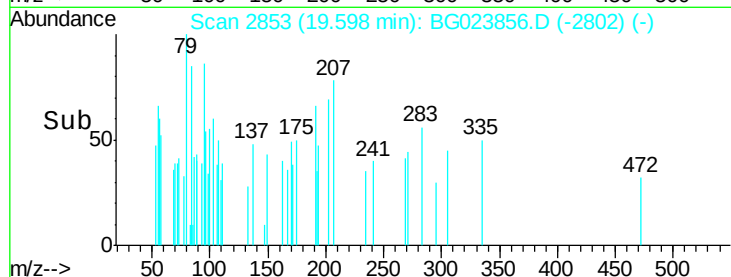
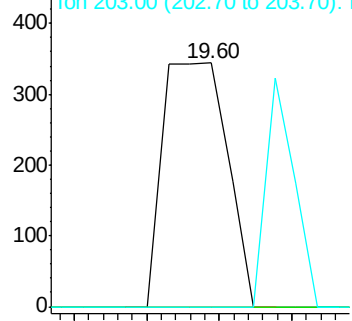
ClientSampleId :

SB-11C(15-16.5)

Tgt Ion:	202	Resp:	425
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	0.0	1.7	41.7#



Abundance Ion 202.00 (201.70 to 202.70): E



#75

Chrysene-d12

Concen: 20.00 ng

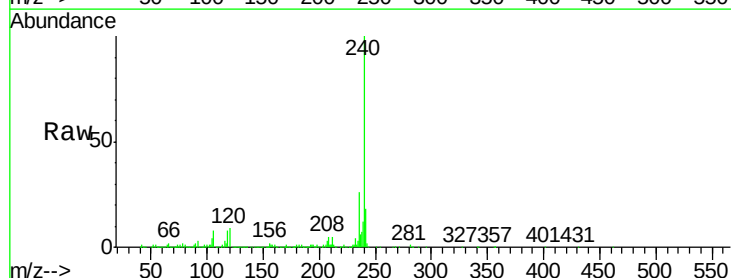
RT: 21.84 min Scan# 3234

Delta R.T. -0.03 min

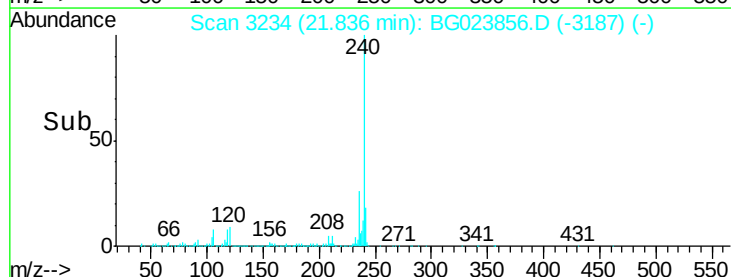
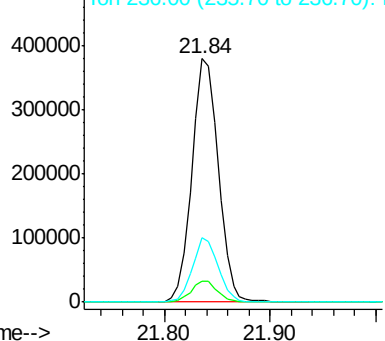
Lab File: BG023856.D

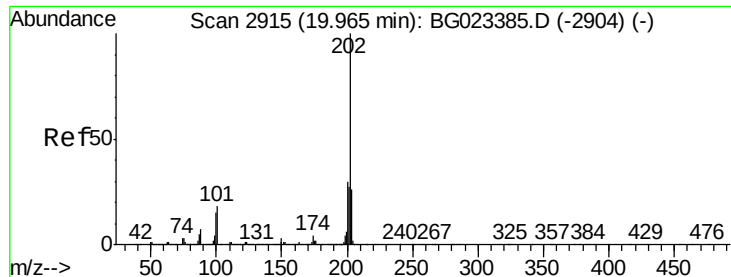
Acq: 23 Aug 2016 16:54

Tgt Ion:	240	Resp:	659007
Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.1	6.1#
236	26.4	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E

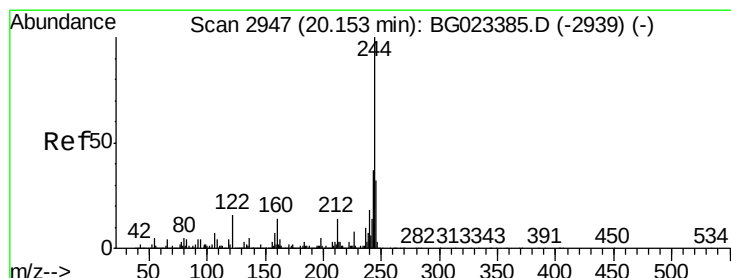
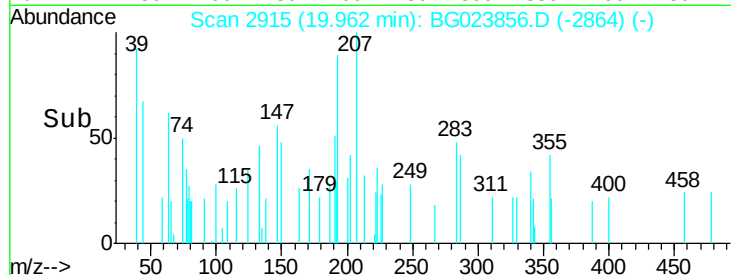
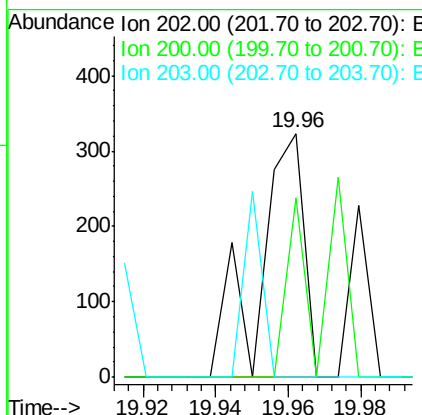
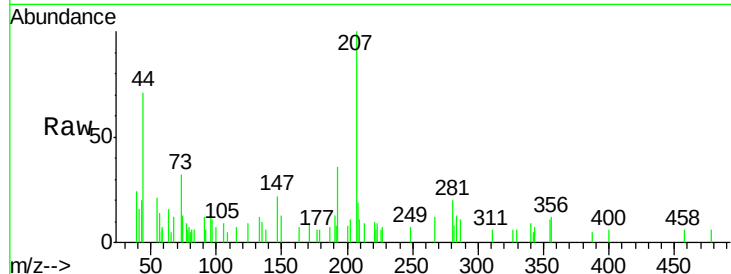




#77
 Pyrene
 Concen: Below Cal
 RT: 19.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG023856.D
 Acq: 23 Aug 2016 16:54

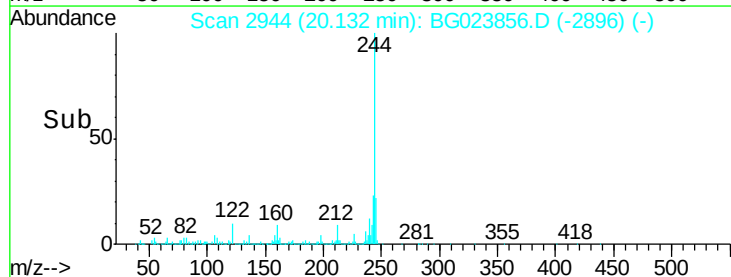
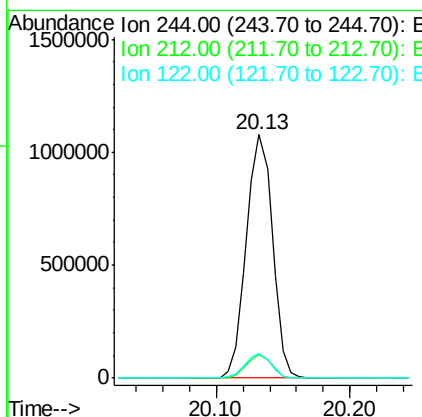
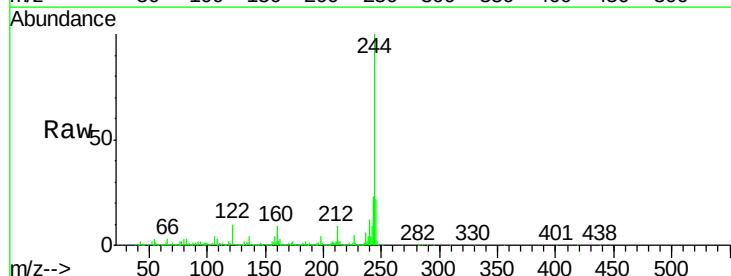
Instrument :
 BNA_G
 ClientSampleId :
 SB-11C(15-16.5)

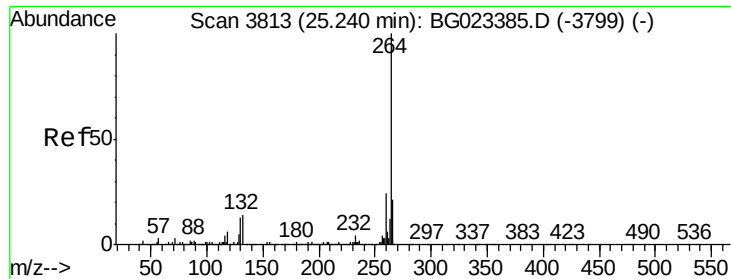
Tgt Ion	Ratio	Lower	Upper
202	100		
200	73.7	21.2	31.8#
203	0.0	16.8	25.2#



#78
 Terphenyl-d14
 Concen: 64.31 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG023856.D
 Acq: 23 Aug 2016 16:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.8	16.2#
122	10.2	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.03 min
Lab File: BG023856.D
Acq: 23 Aug 2016 16:54

Instrument :
BNA_G
ClientSampleId :
SB-11C(15-16.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.8	18.9	28.3

