

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023857.D
 Acq On : 23 Aug 2016 17:32
 Operator : UM/SJ
 Sample : H4556-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12A(10-12)

Quant Time: Aug 24 01:19:35 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

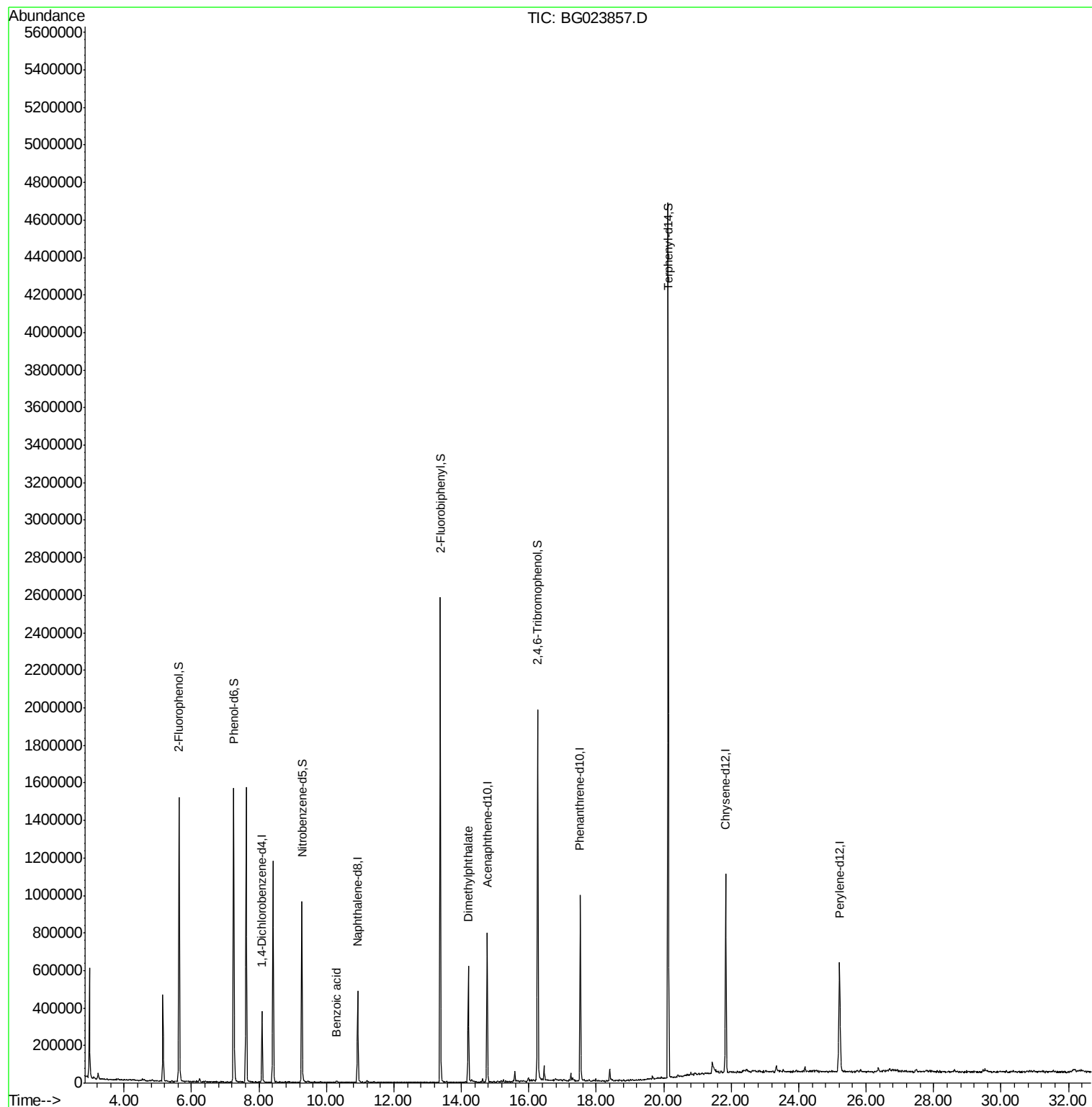
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	99179	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	416350	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	258529	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	606561	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	657858	20.00	ng	-0.03
86) Perylene-d12	25.21	264	636372	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	629164	106.78	ng	-0.03
7) Phenol-d6	7.25	99	921746	100.44	ng	-0.03
23) Nitrobenzene-d5	9.27	82	649420	77.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	366087	96.81	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1280693	83.55	ng	-0.02
78) Terphenyl-d14	20.13	244	1840544	88.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.24	77	1963	Below Cal	#	8
32) Benzoic acid	10.29	122	55	6.45 ng	#	1
49) Dimethylphthalate	14.20	163	377341	19.02 ng		98
73) Di-n-butylphthalate	18.48	149	1603	Below Cal	#	73
74) Fluoranthene	19.60	202	577	Below Cal	#	60
77) Pyrene	19.96	202	400	Below Cal	#	51

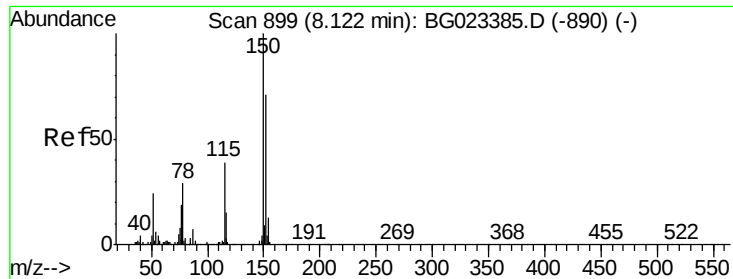
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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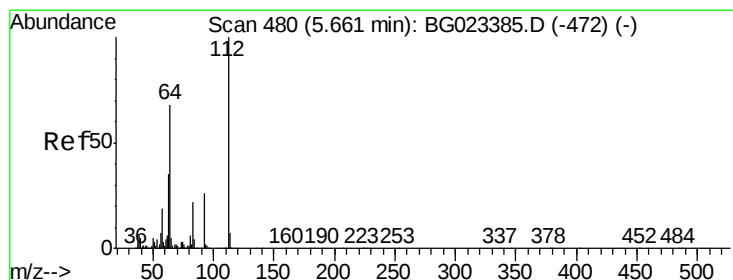
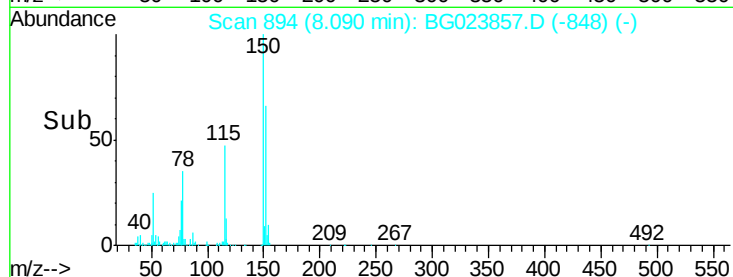
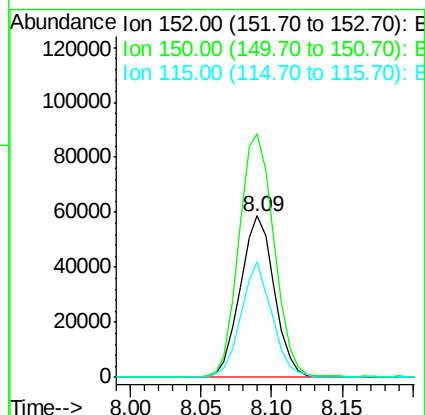
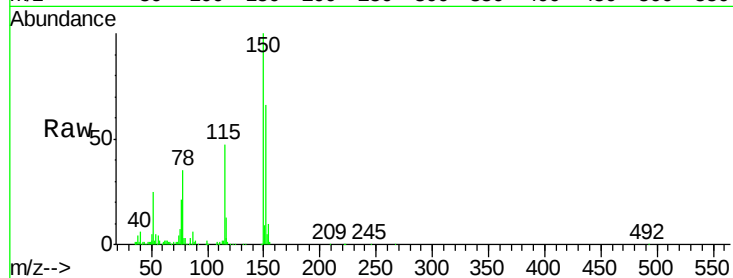


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023857.D
Acq: 23 Aug 2016 17:32

Instrument :
BNA_G
ClientSampleId :
SB-12A(10-12)

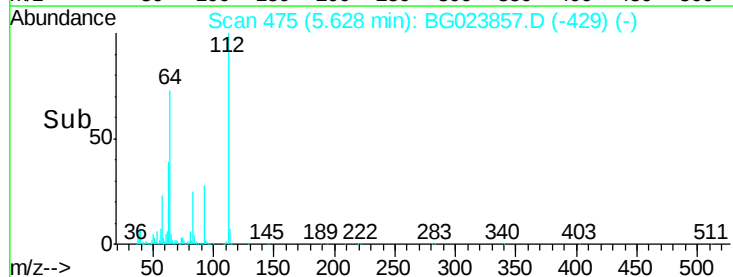
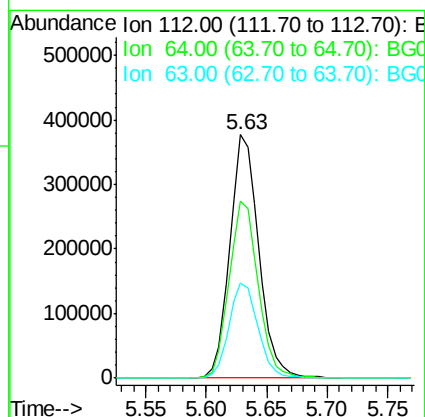
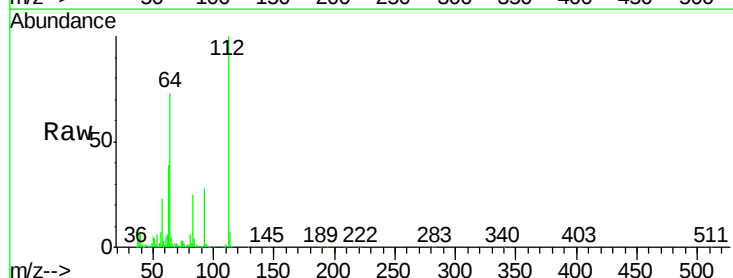
Tgt Ion:152 Resp: 99179
Ion Ratio Lower Upper
152 100
150 150.7 144.7 217.1
115 71.4 64.0 96.0

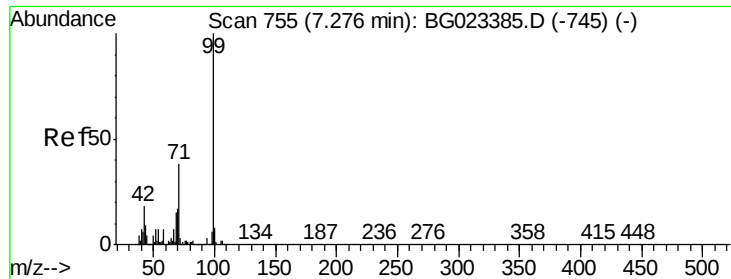


#5

2-Fluorophenol
Concen: 106.78 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023857.D
Acq: 23 Aug 2016 17:32

Tgt Ion:112 Resp: 629164
Ion Ratio Lower Upper
112 100
64 72.7 59.0 88.4
63 39.2 37.8 56.8





#7

Phenol-d6

Concen: 100.44 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

Instrument :

BNA_G

ClientSampleId :

SB-12A(10-12)

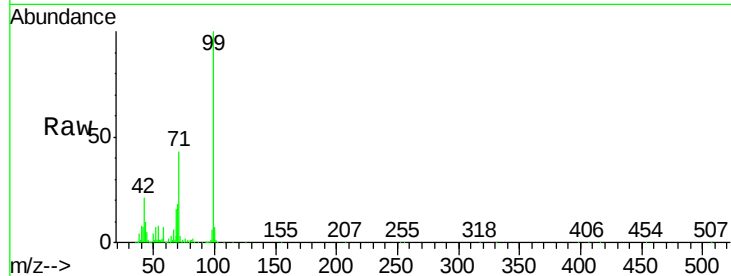
Tgt Ion: 99 Resp: 921746

Ion Ratio Lower Upper

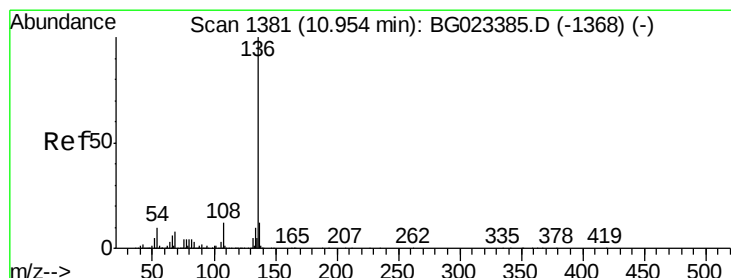
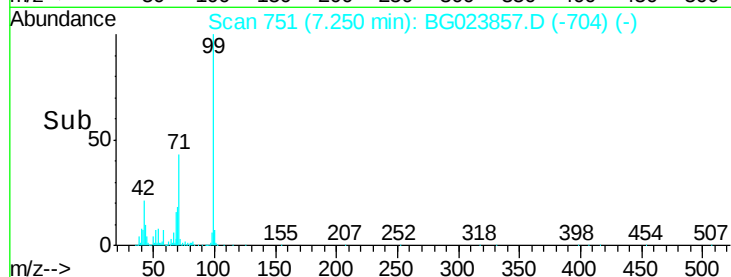
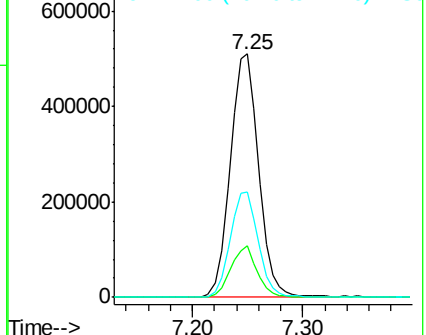
99 100

42 21.0 17.8 26.6

71 43.3 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: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

Tgt Ion: 136 Resp: 416350

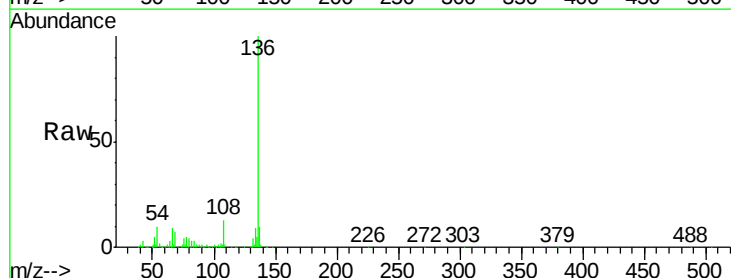
Ion Ratio Lower Upper

136 100

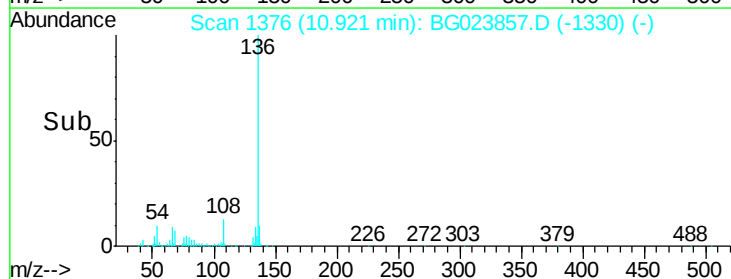
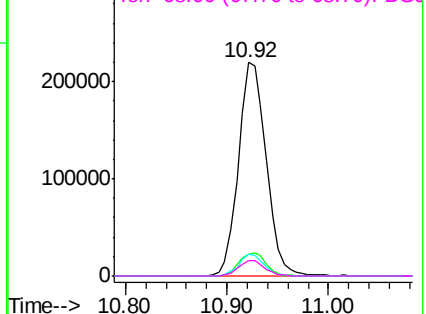
137 9.9 9.6 14.4

54 10.2 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: 77.55 ng

RT: 9.27 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

Instrument :

BNA_G

ClientSampleId :

SB-12A(10-12)

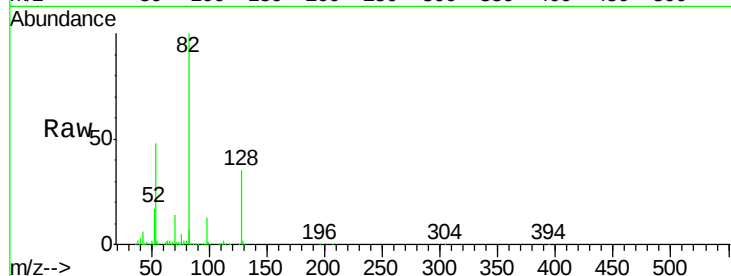
Tgt Ion: 82 Resp: 649420

Ion Ratio Lower Upper

82 100

128 35.1 24.4 36.6

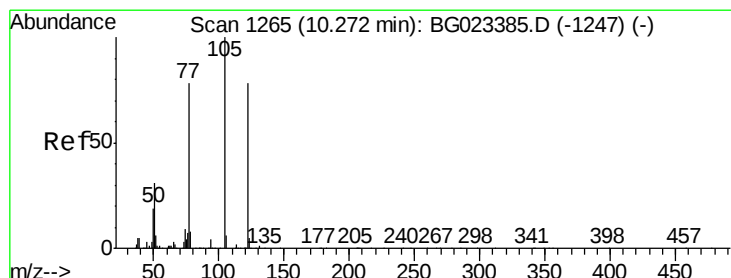
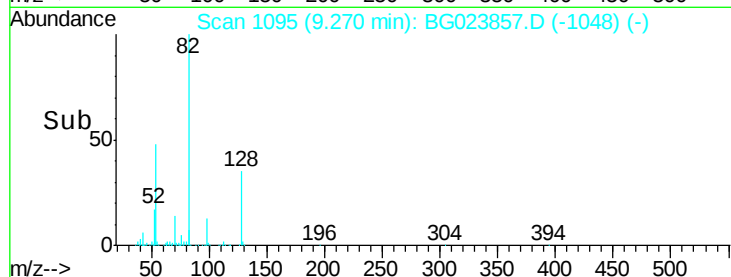
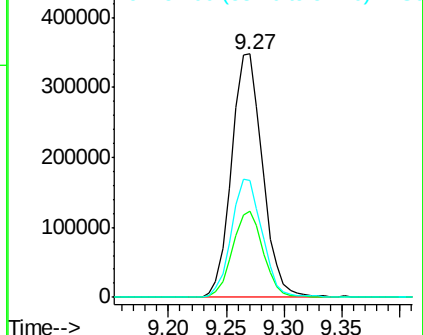
54 48.1 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 6.45 ng

RT: 10.29 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

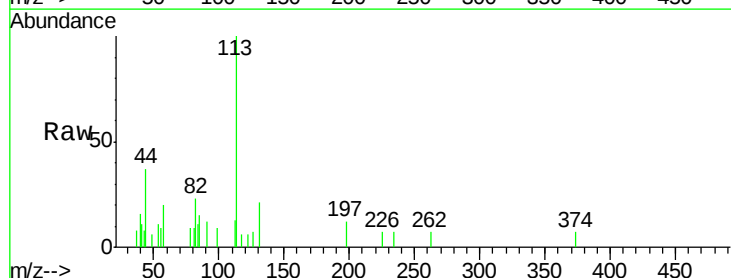
Tgt Ion: 122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

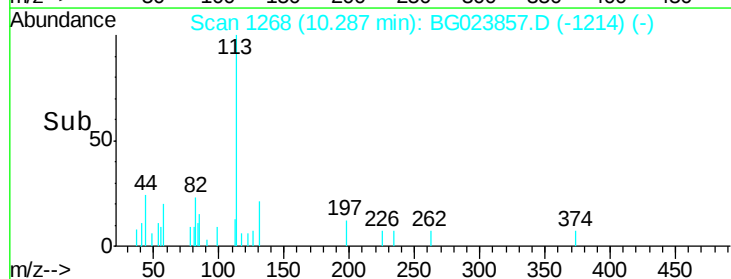
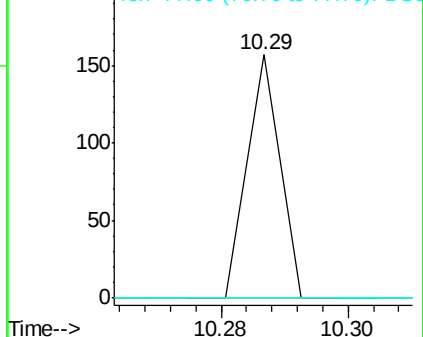
77 0.0 109.2 149.2#

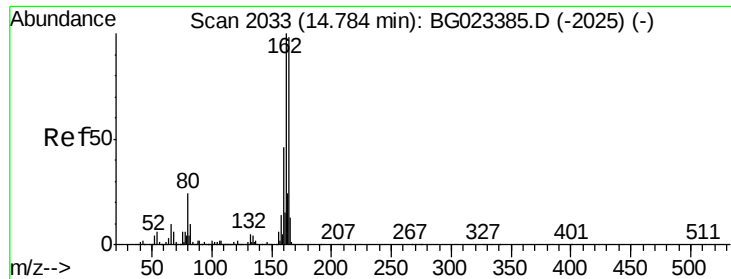


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

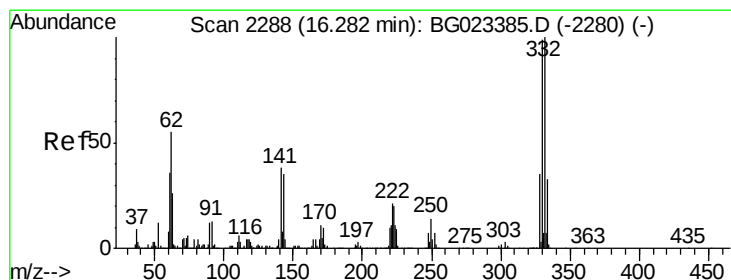
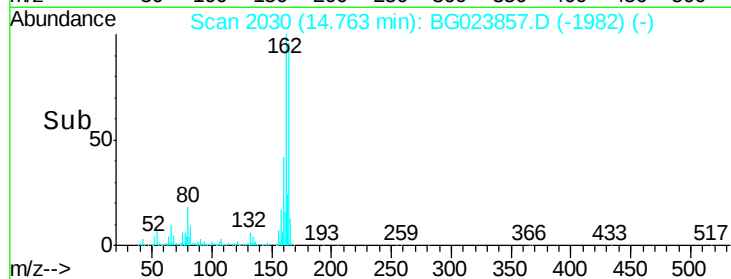
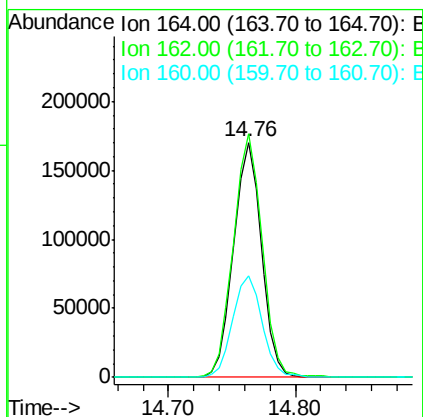
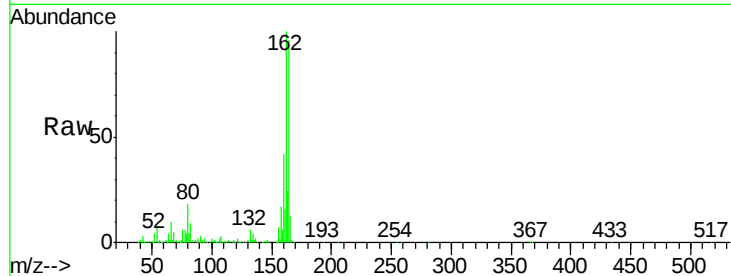




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023857.D
Acq: 23 Aug 2016 17:32

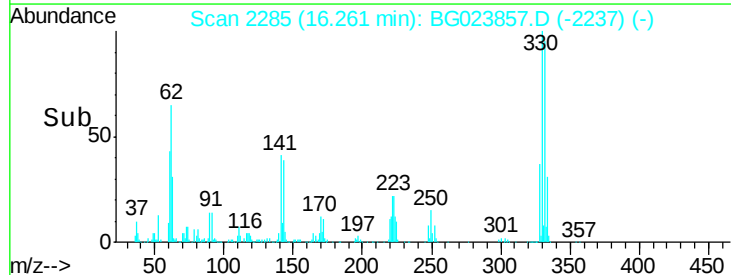
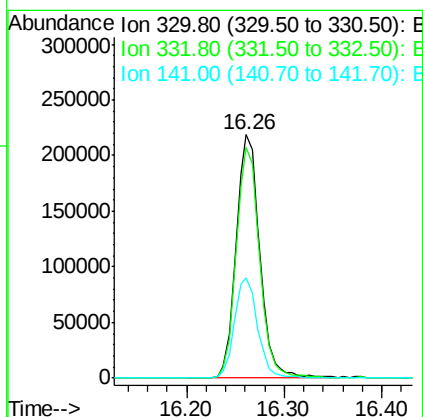
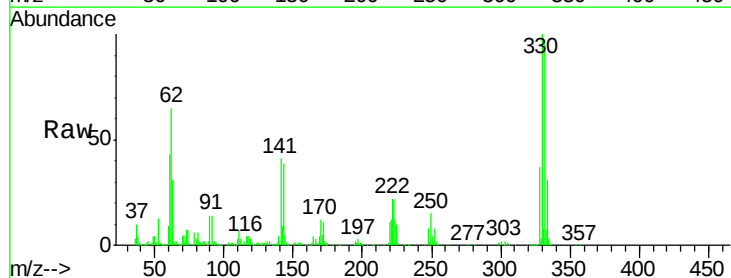
Instrument :
BNA_G
ClientSampleId :
SB-12A(10-12)

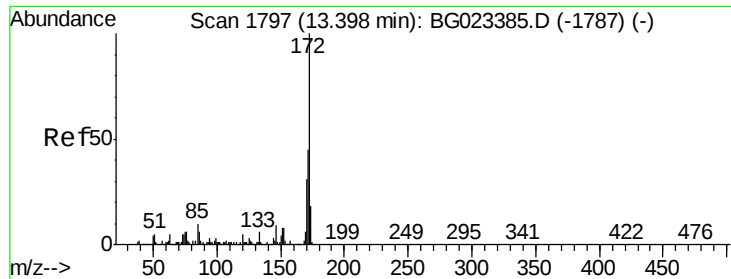
Tgt Ion:164 Resp: 258529
Ion Ratio Lower Upper
164 100
162 103.7 87.7 131.5
160 43.1 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 96.81 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG023857.D
Acq: 23 Aug 2016 17:32

Tgt Ion:330 Resp: 366087
Ion Ratio Lower Upper
330 100
332 94.2 77.4 116.2
141 41.0 31.7 47.5

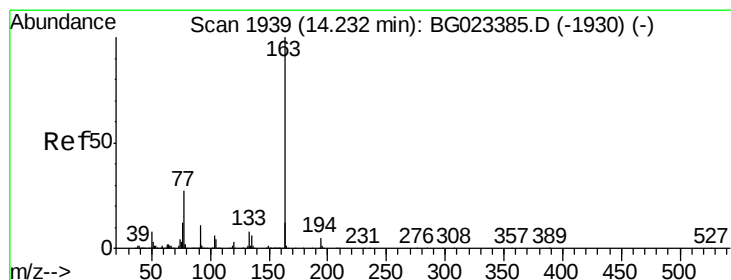
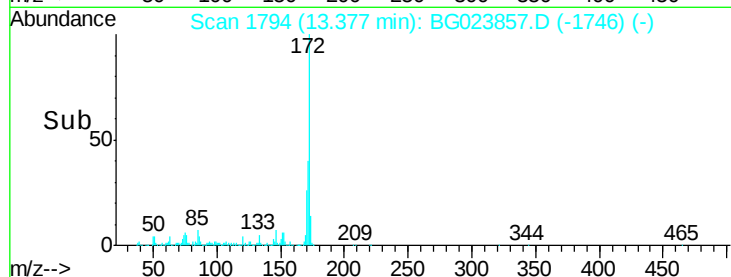
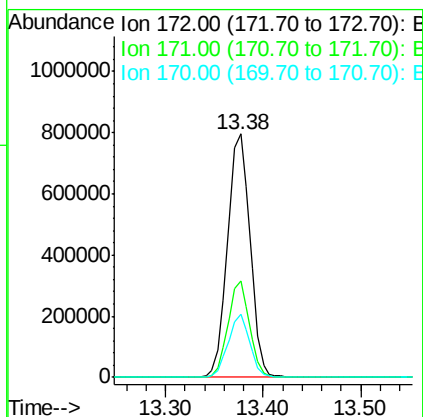
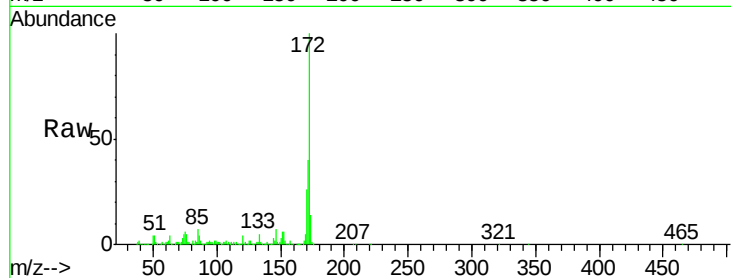




#44
2-Fluorobiphenyl
Concen: 83.55 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023857.D
Acq: 23 Aug 2016 17:32

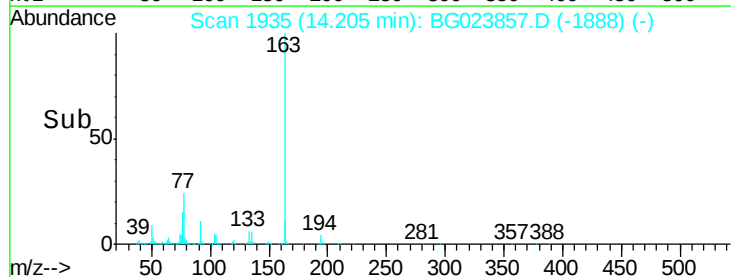
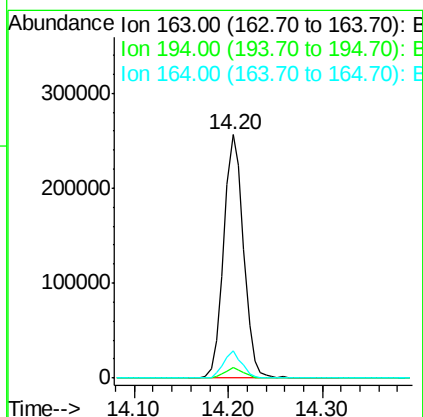
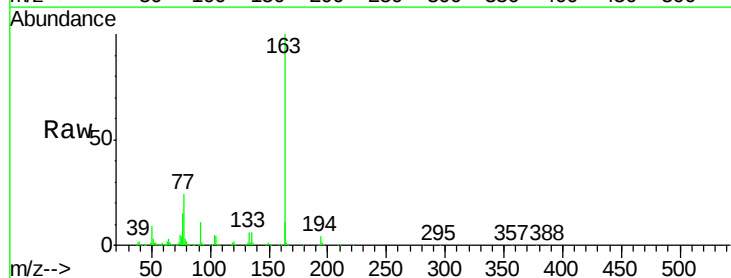
Instrument :
BNA_G
ClientSampleId :
SB-12A(10-12)

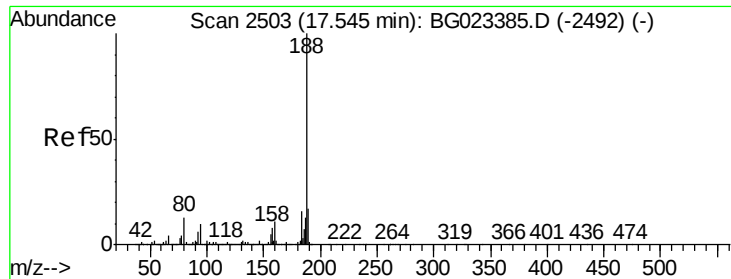
Tgt Ion:172 Resp: 1280693
Ion Ratio Lower Upper
172 100
171 39.5 31.6 47.4
170 25.7 21.3 31.9



#49
Dimethylphthalate
Concen: 19.02 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023857.D
Acq: 23 Aug 2016 17:32

Tgt Ion:163 Resp: 377341
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 11.3 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: BG023857.D

Acq: 23 Aug 2016 17:32

Instrument :

BNA_G

ClientSampleId :

SB-12A(10-12)

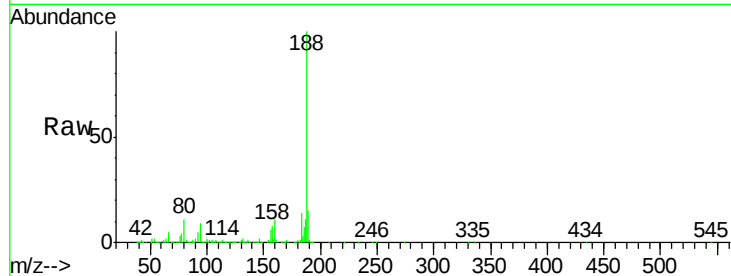
Tgt Ion:188 Resp: 606561

Ion Ratio Lower Upper

188 100

94 8.8 5.2 7.8#

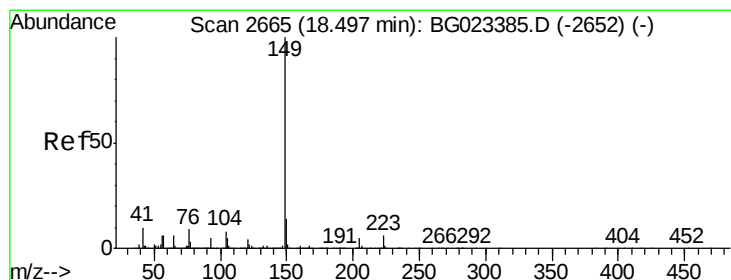
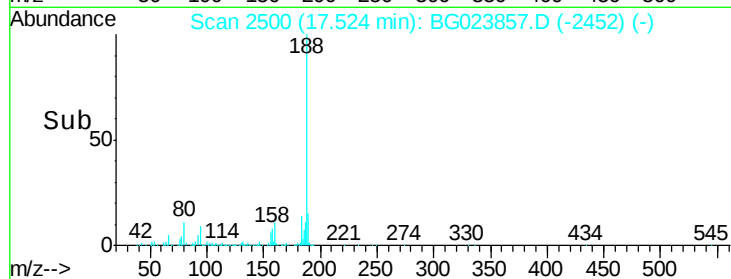
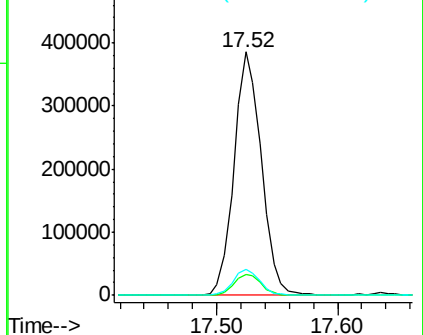
80 10.8 7.2 10.8#



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# 2662

Delta R.T. -0.02 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

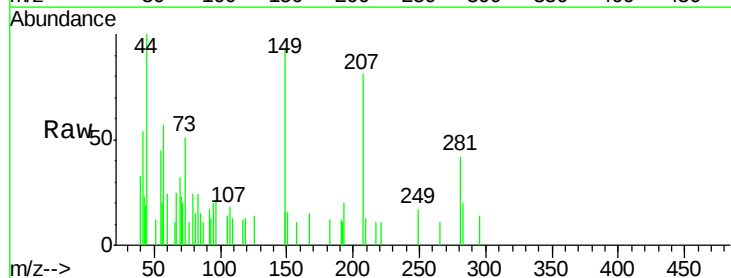
Tgt Ion:149 Resp: 1603

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

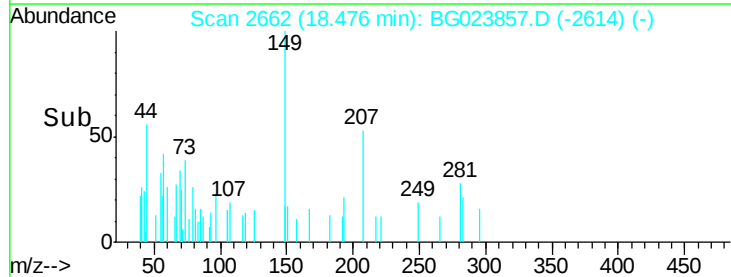
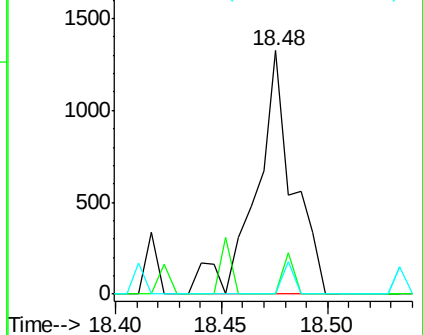
104 0.0 6.9 10.3#

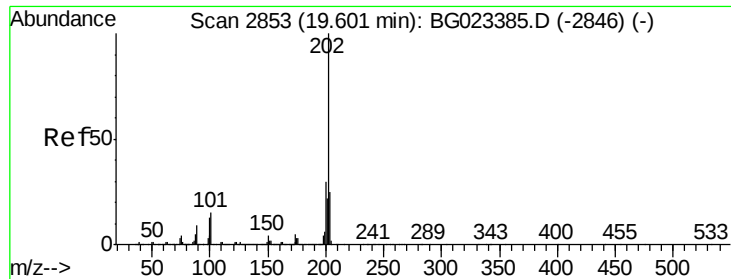


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

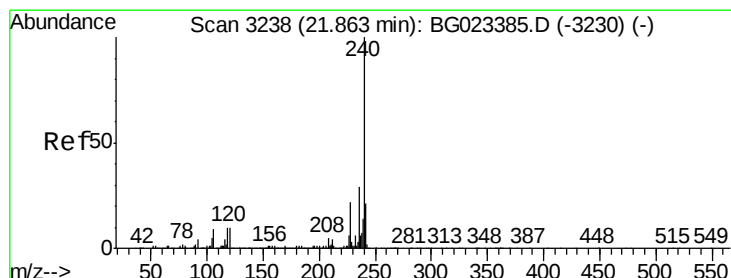
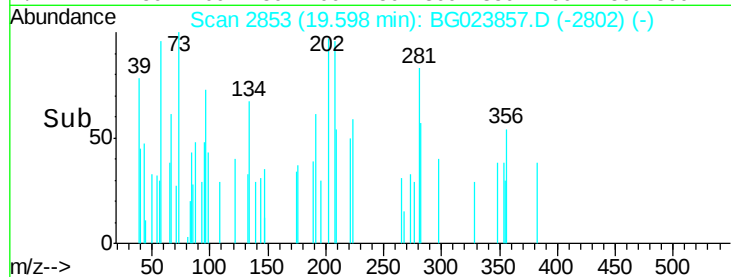
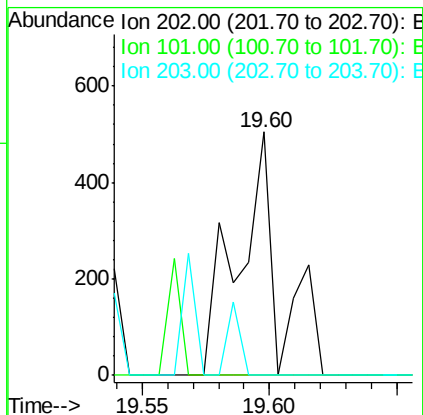
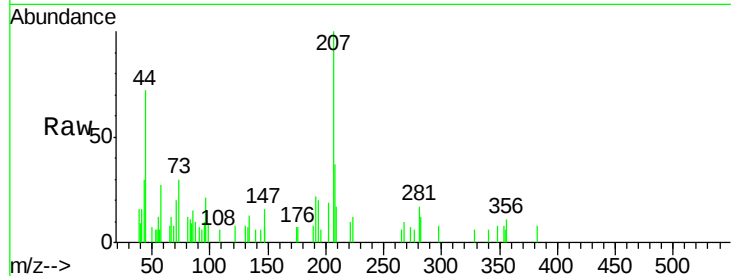
Instrument :

BNA_G

ClientSampleId :

SB-12A(10-12)

Tgt Ion:	202	Resp:	577
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	27.4
203	0.0	1.7	41.7#



#75

Chrysene-d12

Concen: 20.00 ng

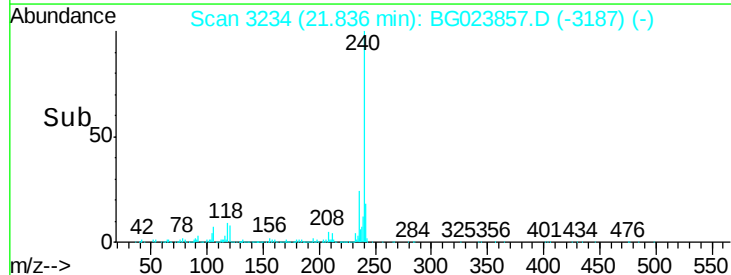
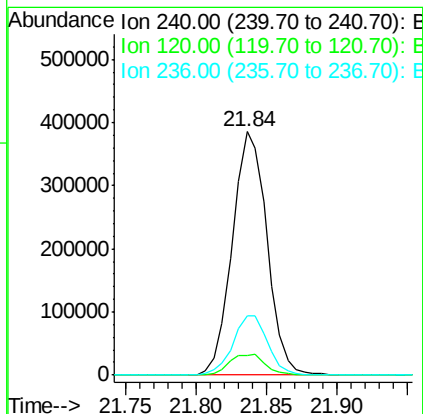
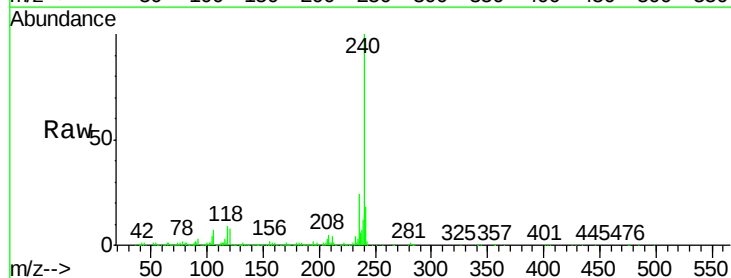
RT: 21.84 min Scan# 3234

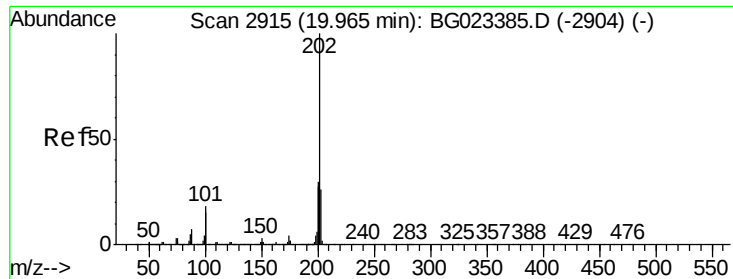
Delta R.T. -0.03 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

Tgt Ion:	240	Resp:	657858
Ion Ratio	Lower	Upper	
240	100		
120	8.2	4.1	6.1#
236	24.2	21.1	31.7





#77

Pyrene

Concen: Below Cal

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

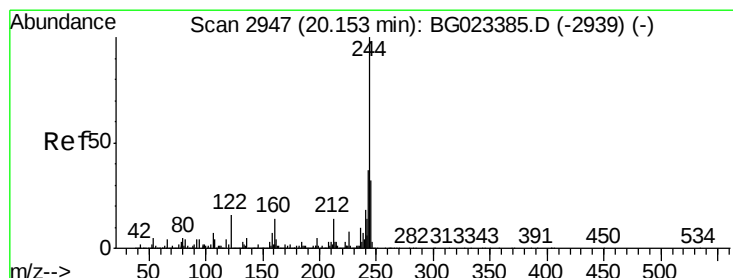
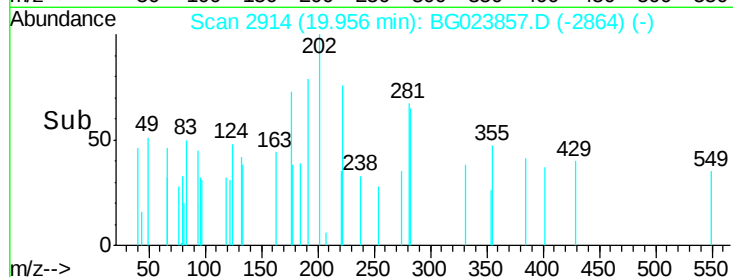
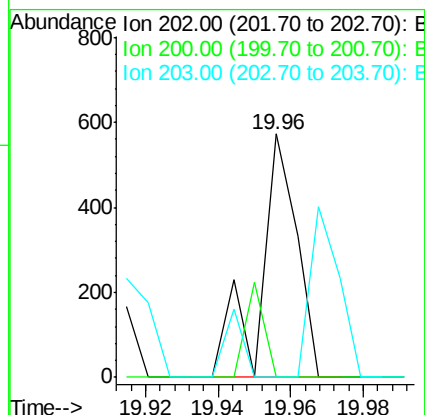
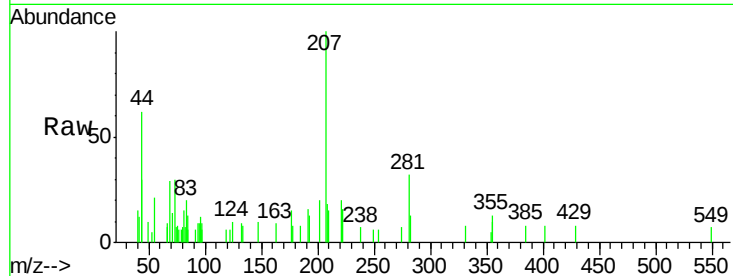
Instrument :

BNA_G

ClientSampleId :

SB-12A(10-12)

Tgt Ion:	202	Resp:	400
Ion	Ratio	Lower	Upper
202	100		
200	0.0	21.2	31.8#
203	0.0	16.8	25.2#



#78

Terphenyl-d14

Concen: 88.30 ng

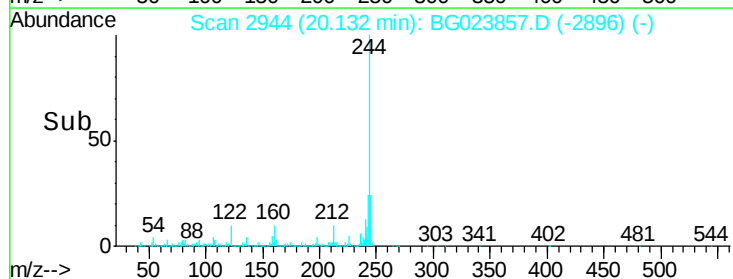
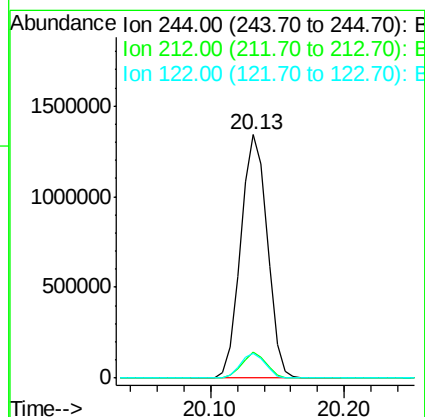
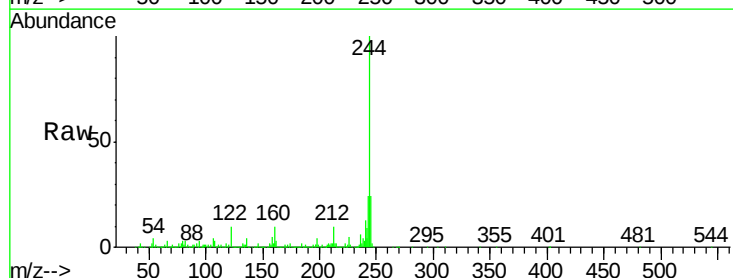
RT: 20.13 min Scan# 2944

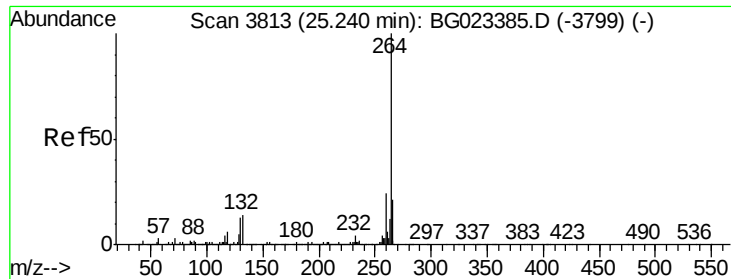
Delta R.T. -0.02 min

Lab File: BG023857.D

Acq: 23 Aug 2016 17:32

Tgt Ion:	244	Resp:	1840544
Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	10.1	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3809
Delta R.T. -0.03 min
Lab File: BG023857.D
Acq: 23 Aug 2016 17:32

Instrument :
BNA_G
ClientSampleId :
SB-12A(10-12)

Tgt Ion: 264 Resp: 636372
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 22.3 18.9 28.3

