

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023860.D
 Acq On : 23 Aug 2016 19:26
 Operator : UM/SJ
 Sample : H4556-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-01

Quant Time: Aug 24 01:20:15 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

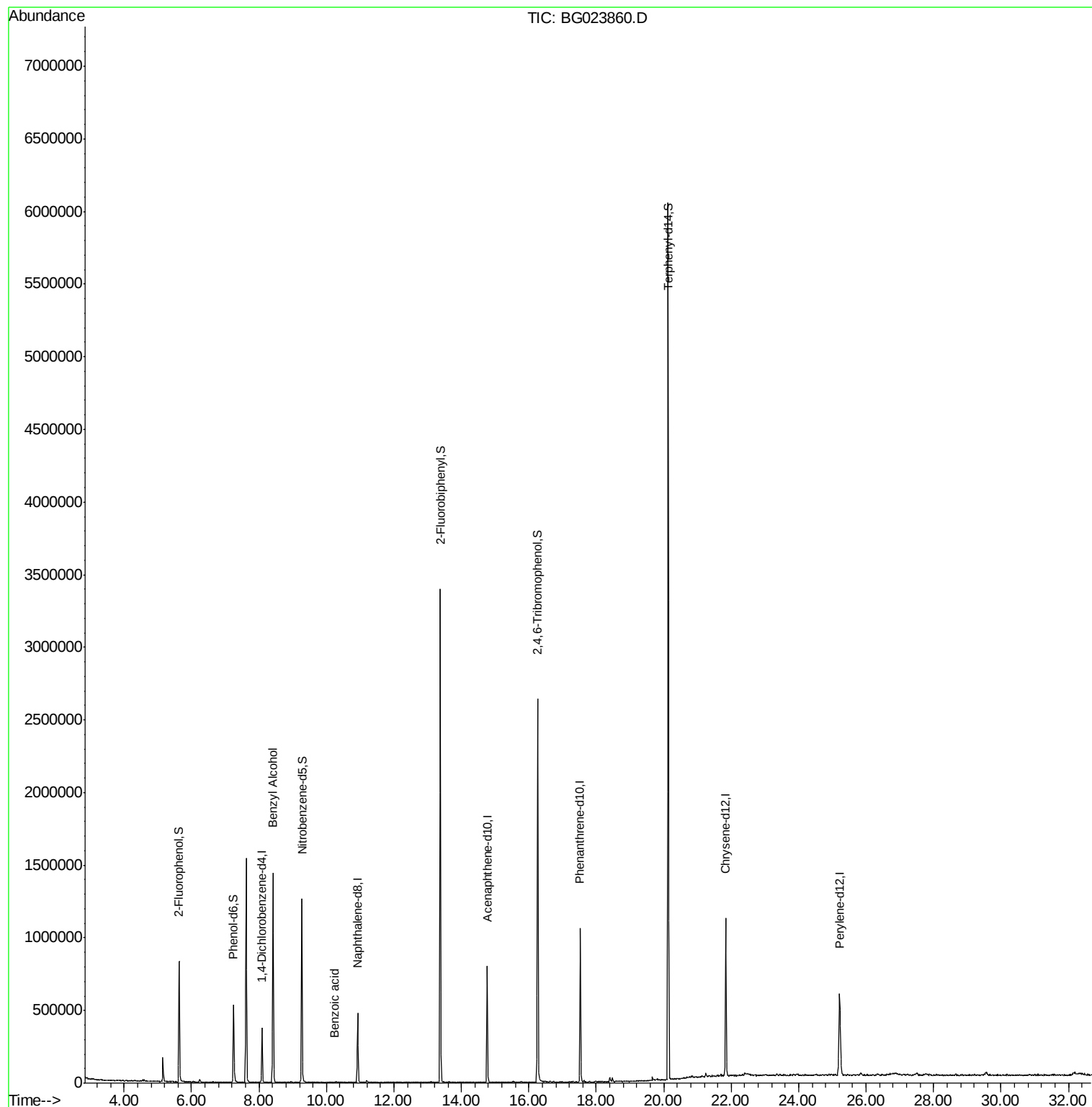
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	97740	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	401765	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	268637	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	634460	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	679170	20.00	ng	-0.02
86) Perylene-d12	25.21	264	658073	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	366245	63.07	ng	-0.03
7) Phenol-d6	7.25	99	326520	36.10	ng	-0.03
23) Nitrobenzene-d5	9.27	82	833110	103.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	494218	125.78	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1632620	102.51	ng	-0.02
78) Terphenyl-d14	20.13	244	2352776	115.21	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.20	77	55	Below Cal	#	8
15) Benzyl Alcohol	8.42	79	14588	2.13 ng	#	58
32) Benzoic acid	10.23	122	58	6.45 ng	#	1
73) Di-n-butylphthalate	18.48	149	21408	Below Cal	#	91
74) Fluoranthene	19.59	202	135	Below Cal	#	8
77) Pyrene	20.13	202	11918	Below Cal	#	67

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

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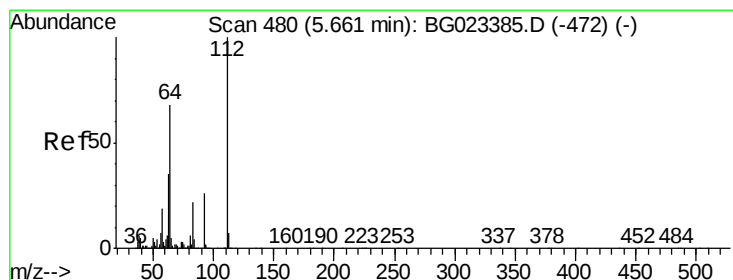
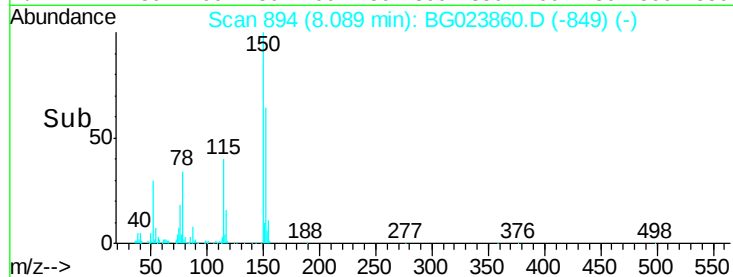
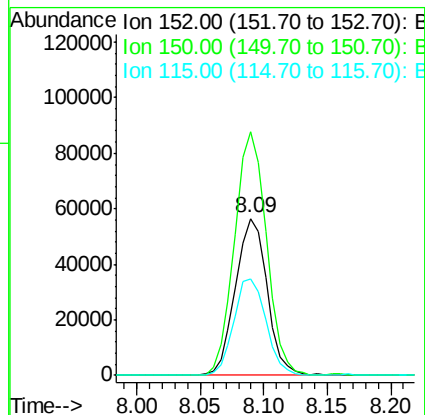
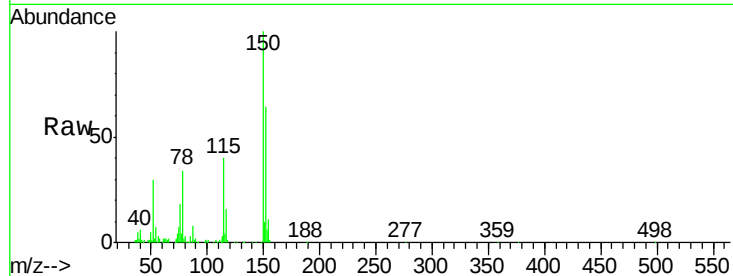


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

Instrument :
BNA_G
ClientSampleId :
EB-01

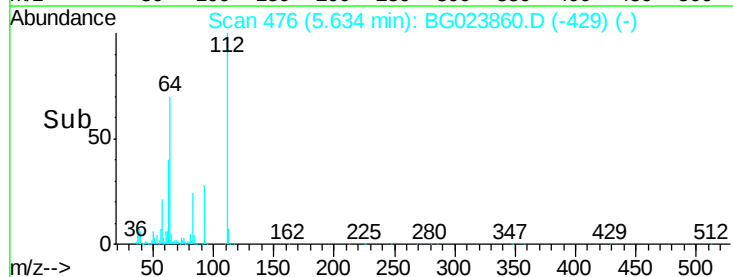
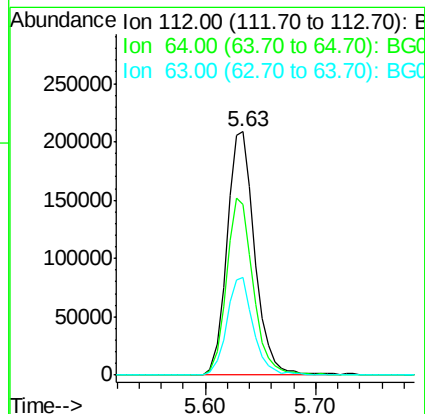
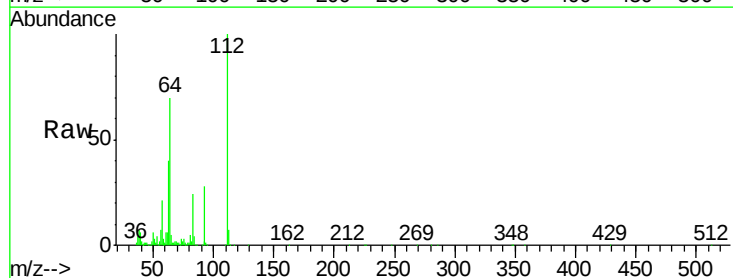
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	144.7	217.1
115	61.7	64.0	96.0

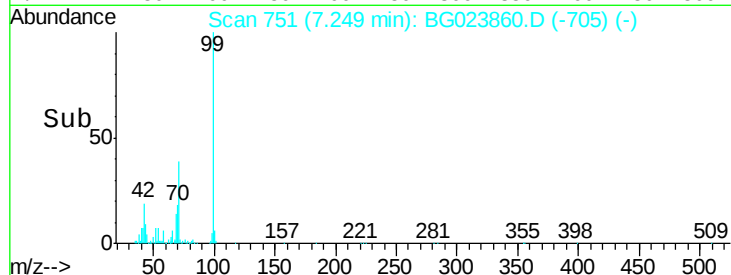
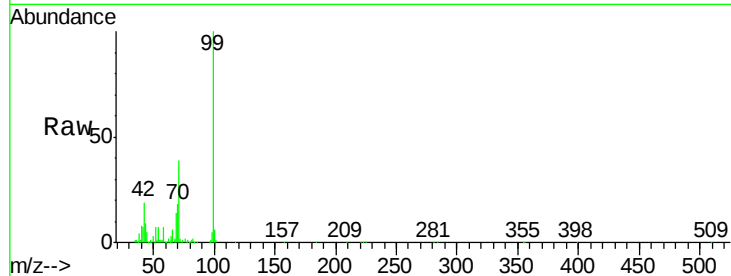
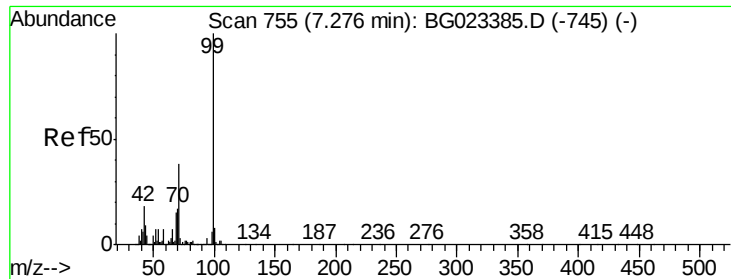


#5

2-Fluorophenol
Concen: 63.07 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.03 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	59.0	88.4
63	40.1	37.8	56.8





#7

Phenol-d6

Concen: 36.10 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampleId :

EB-01

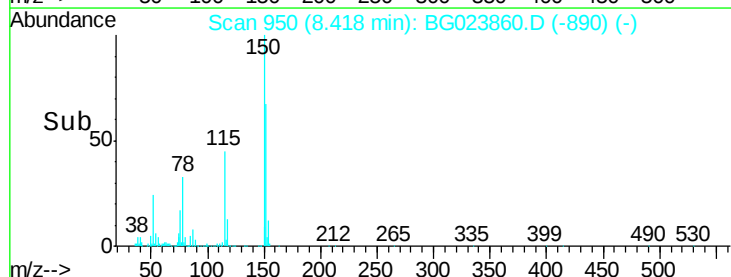
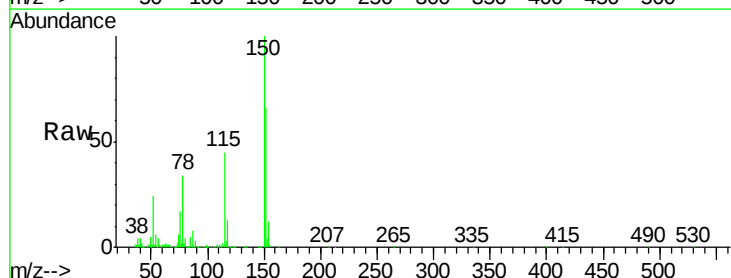
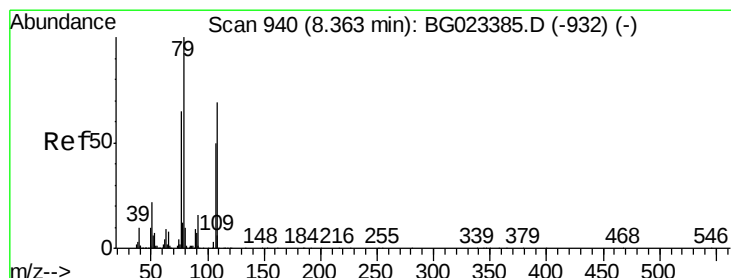
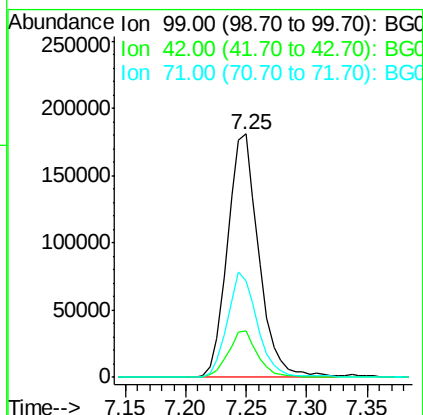
Tgt Ion: 99 Resp: 326520

Ion Ratio Lower Upper

99 100

42 19.1 17.8 26.6

71 39.4 41.5 62.3#



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.06 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

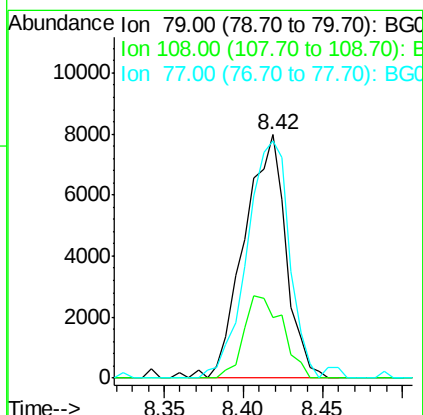
Tgt Ion: 79 Resp: 14588

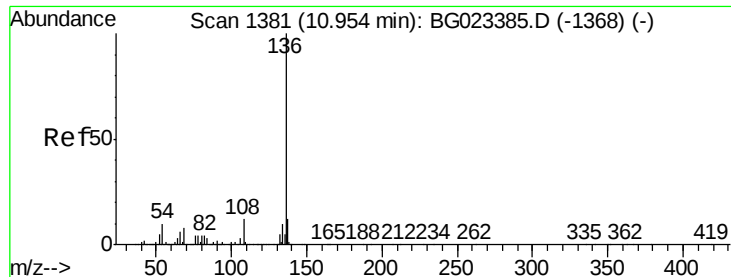
Ion Ratio Lower Upper

79 100

108 24.9 46.5 69.7#

77 97.4 52.3 78.5#

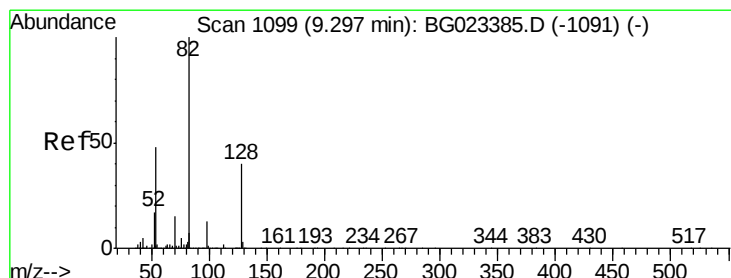
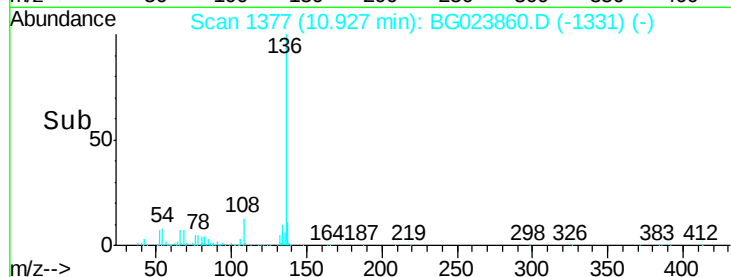
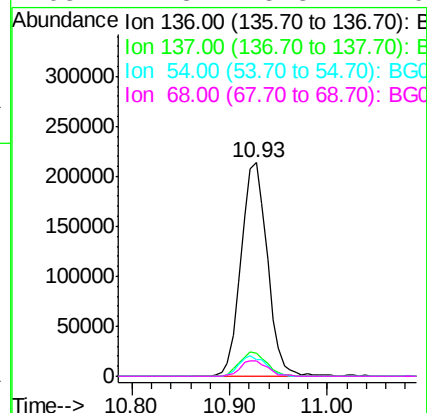
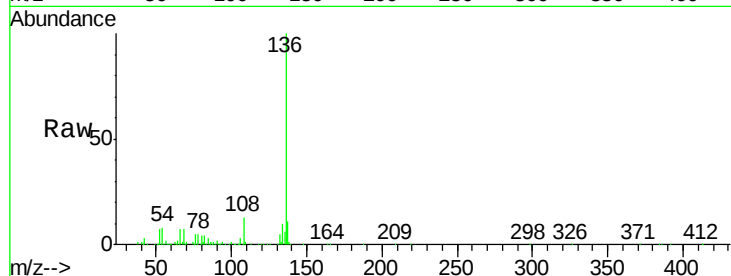




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

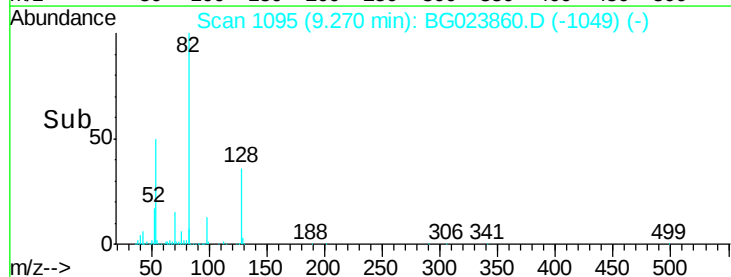
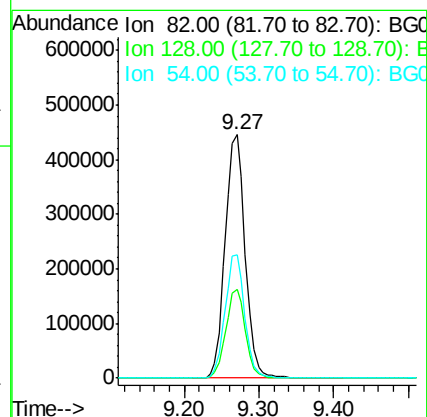
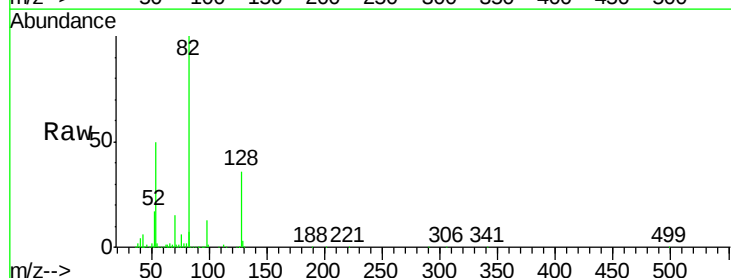
Instrument :
BNA_G
ClientSampleId :
EB-01

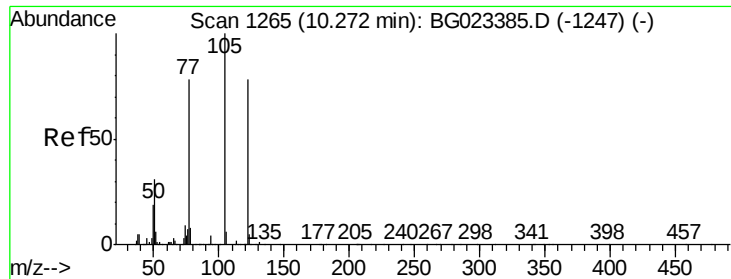
Tgt Ion:	136	Resp:	401765
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	8.0	7.3	10.9
68	7.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 103.09 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

Tgt Ion:	82	Resp:	833110
Ion	Ratio	Lower	Upper
82	100		
128	36.4	24.4	36.6
54	50.5	41.4	62.0

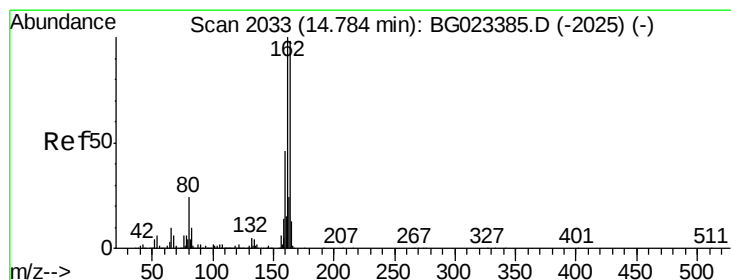
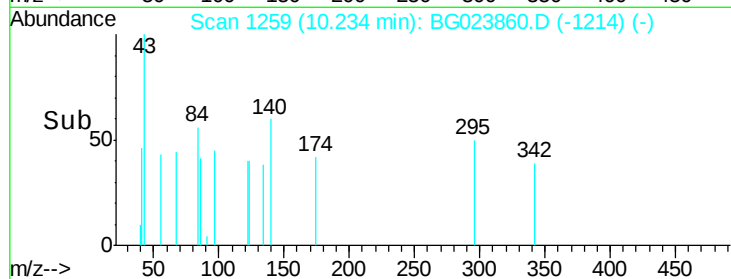
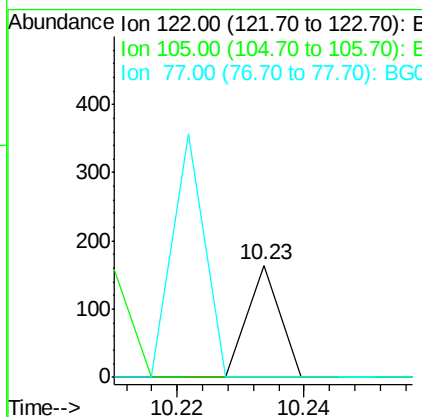
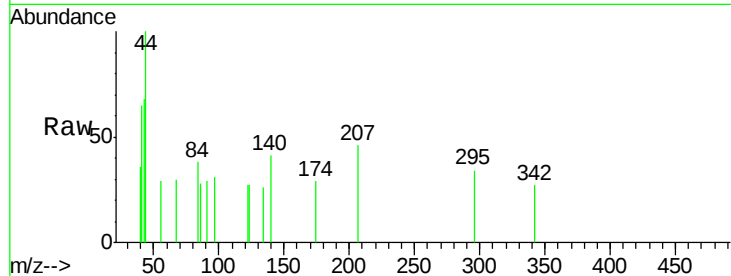




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.23 min Scan# 1259
Delta R.T. -0.04 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

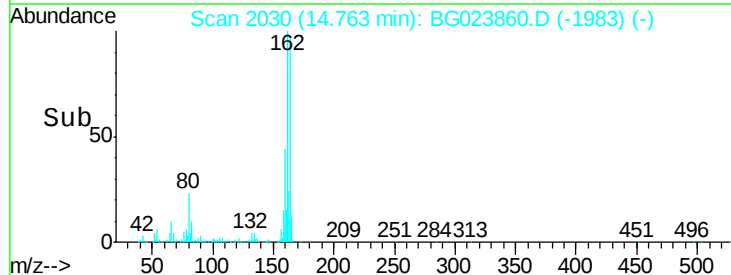
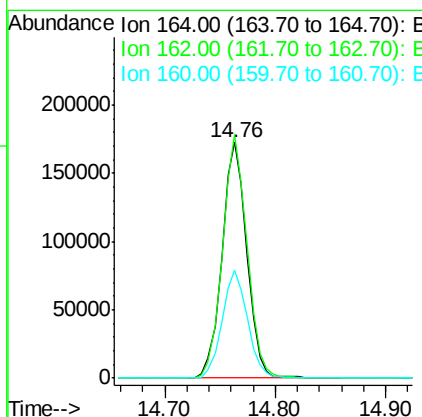
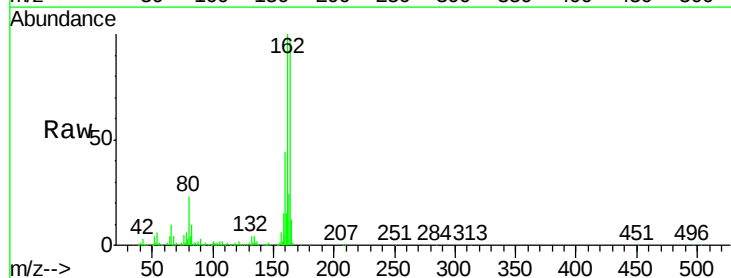
Instrument :
BNA_G
ClientSampled :
EB-01

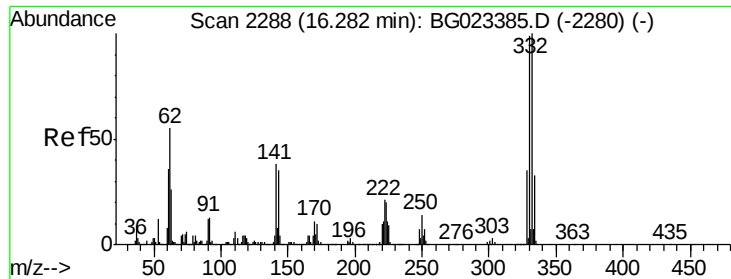
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

Tgt Ion:164 Resp: 268637
Ion Ratio Lower Upper
164 100
162 103.3 87.7 131.5
160 45.8 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 125.78 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampleId :

EB-01

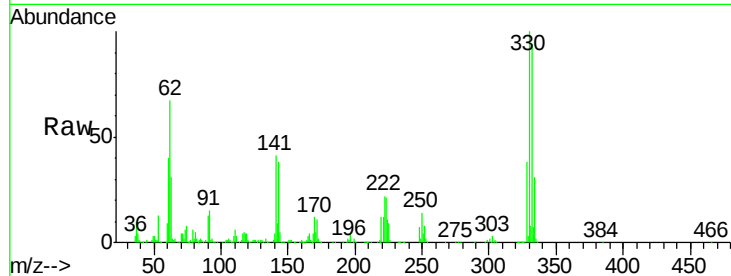
Tgt Ion:330 Resp: 494218

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

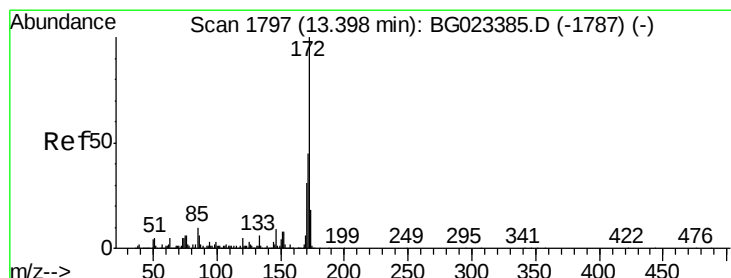
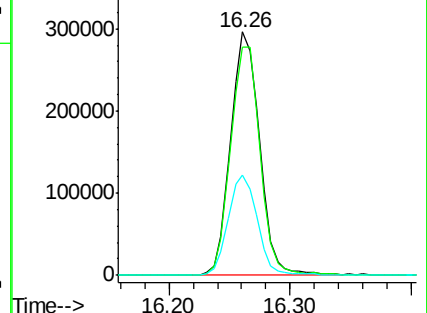
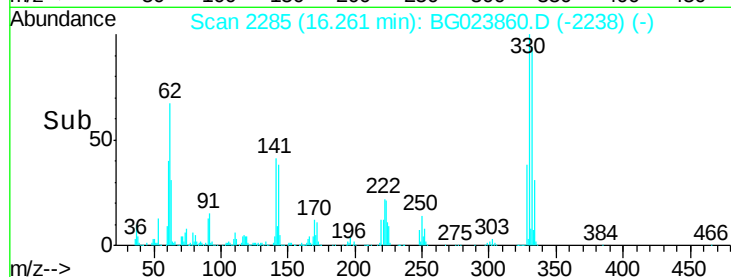
141 41.5 31.7 47.5



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: 102.51 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

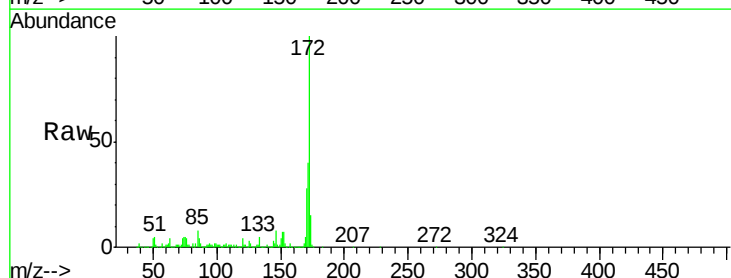
Tgt Ion:172 Resp: 1632620

Ion Ratio Lower Upper

172 100

171 40.2 31.6 47.4

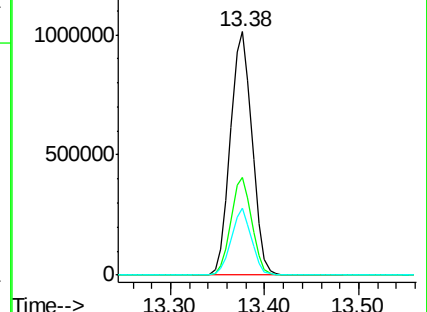
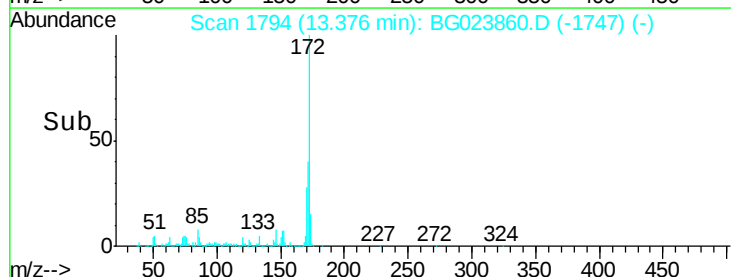
170 27.5 21.3 31.9

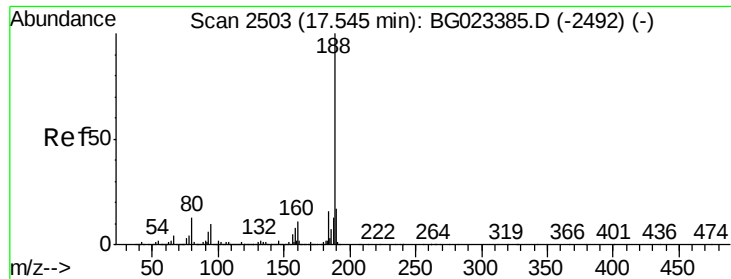


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampleId :

EB-01

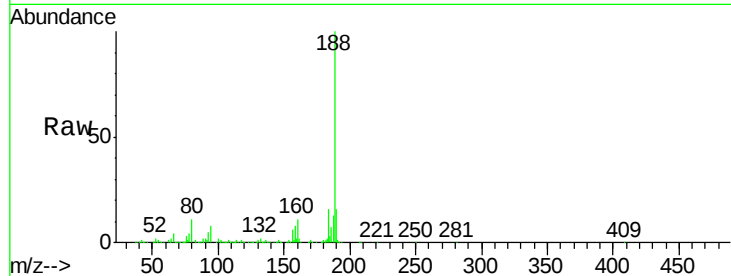
Tgt Ion:188 Resp: 634460

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

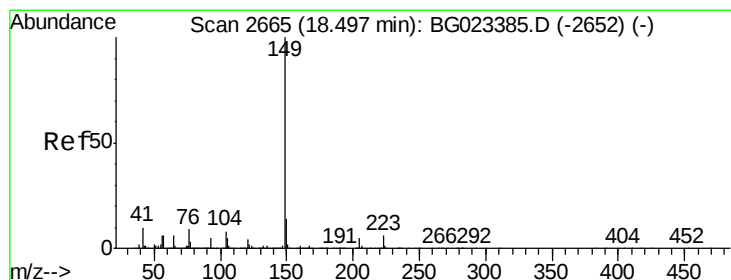
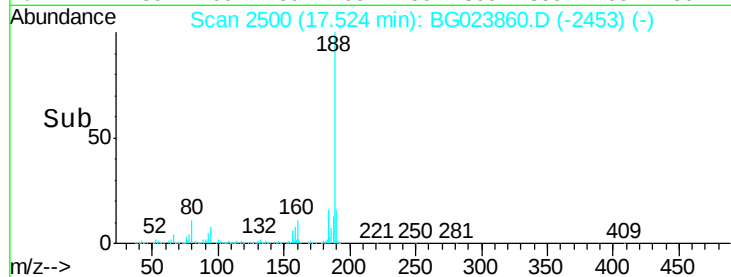
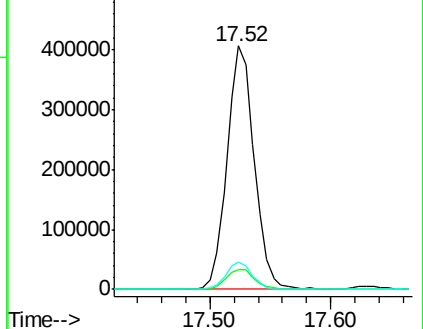
80 11.1 7.2 10.8#



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: BG023860.D

Acq: 23 Aug 2016 19:26

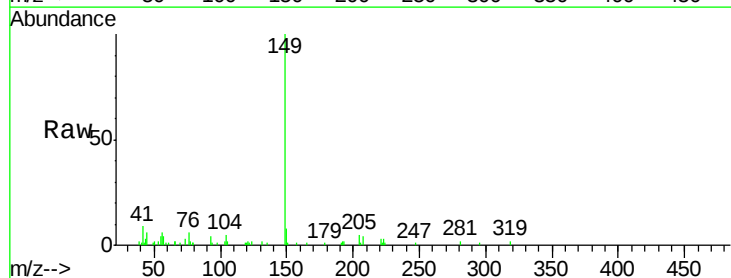
Tgt Ion:149 Resp: 21408

Ion Ratio Lower Upper

149 100

150 8.0 9.1 13.7#

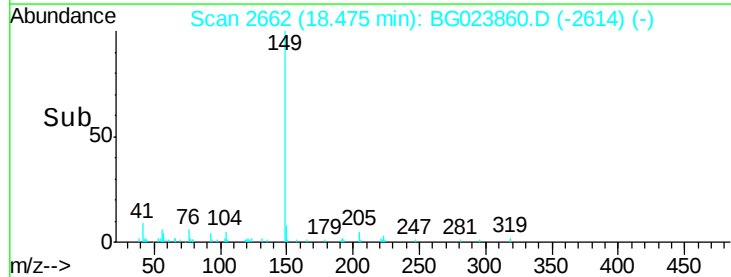
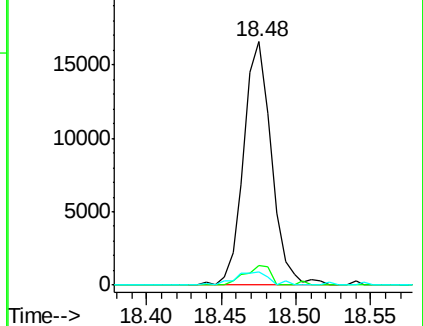
104 5.2 6.9 10.3#

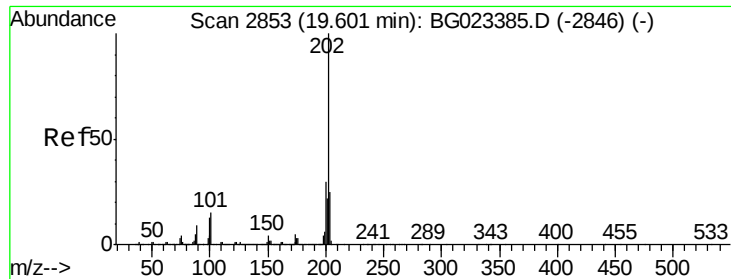


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

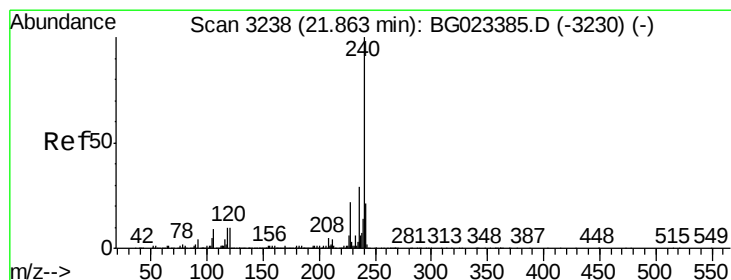
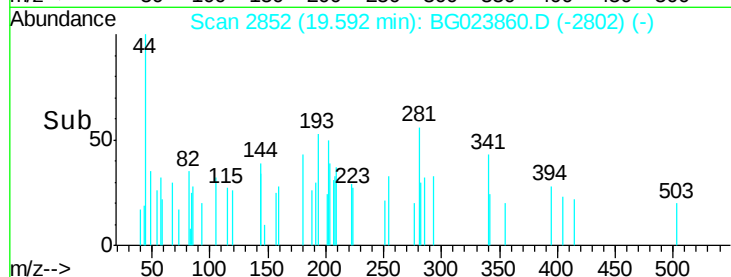
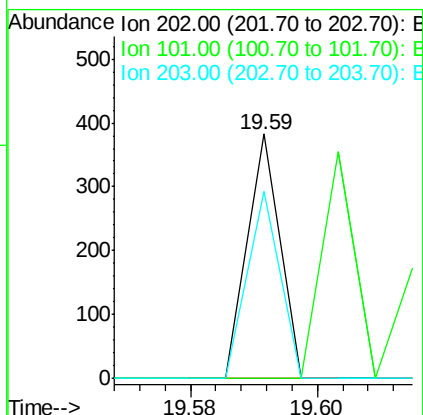
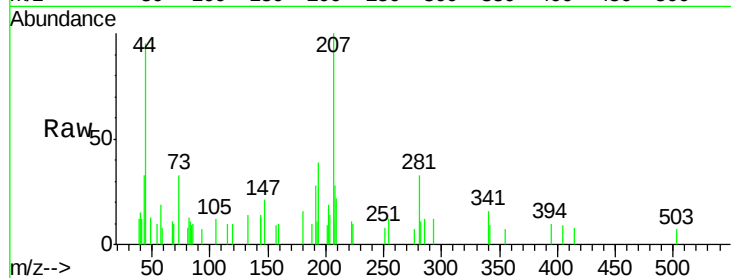




#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

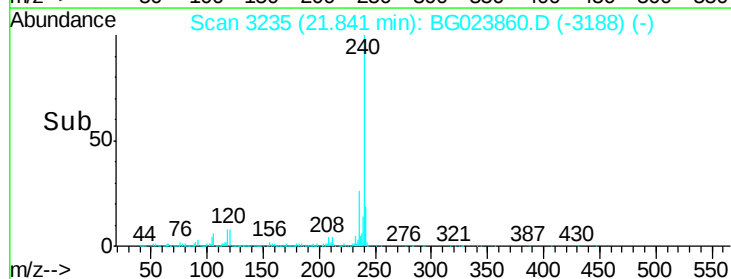
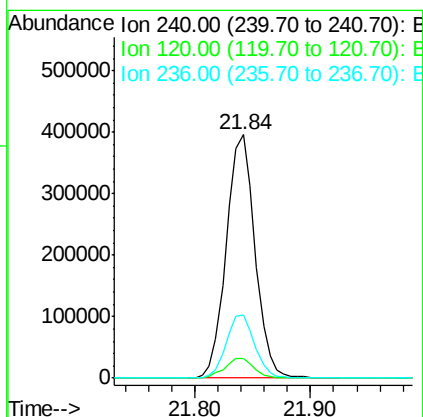
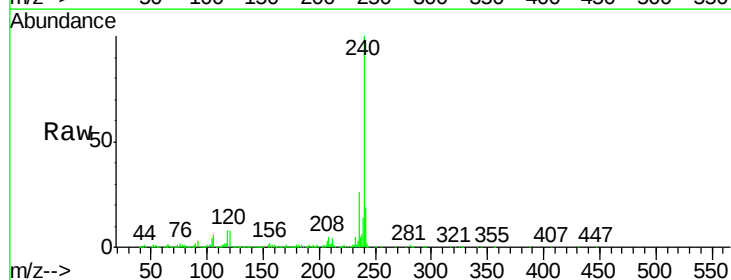
Instrument :
BNA_G
ClientSampled :
EB-01

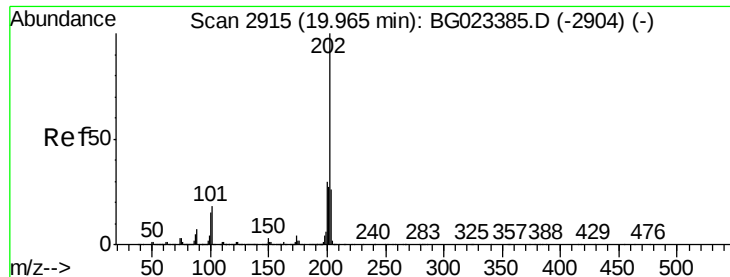
Tgt Ion: 202 Resp: 135
Ion Ratio Lower Upper
202 100
101 0.0 0.0 27.4
203 76.5 1.7 41.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

Tgt Ion: 240 Resp: 679170
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 26.1 21.1 31.7





#77

Pyrene

Concen: Below Cal

RT: 20.13 min Scan# 2944

Delta R.T. 0.17 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampleId :

EB-01

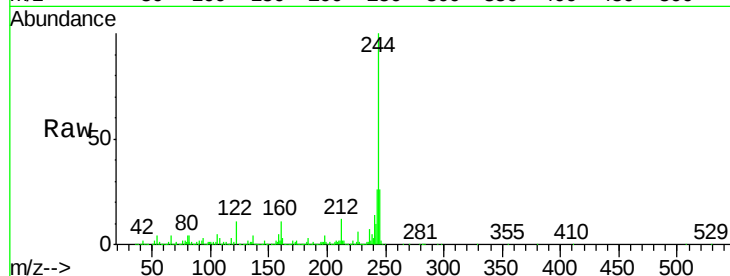
Tgt Ion:202 Resp: 11918

Ion Ratio Lower Upper

202 100

200 48.1 21.2 31.8#

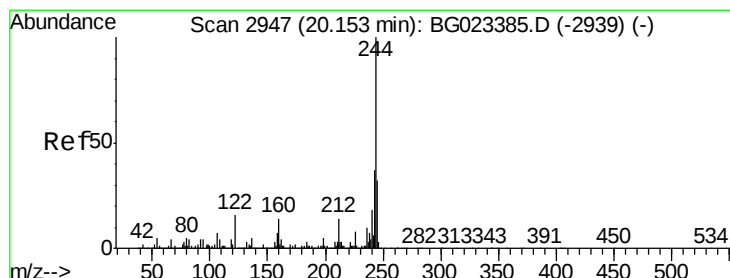
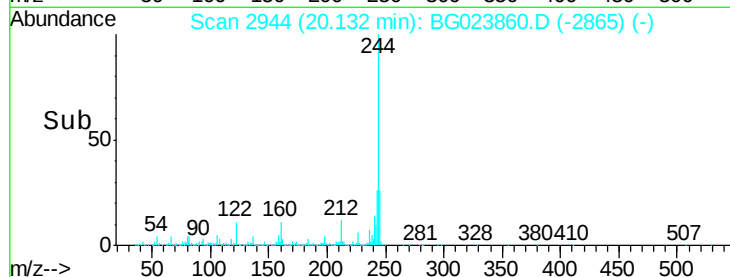
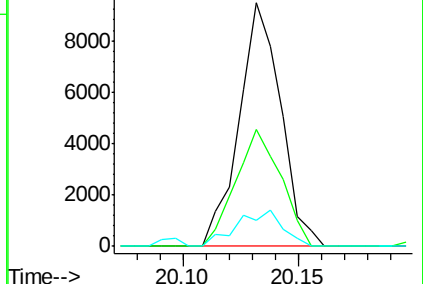
203 10.4 16.8 25.2#



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: 115.21 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

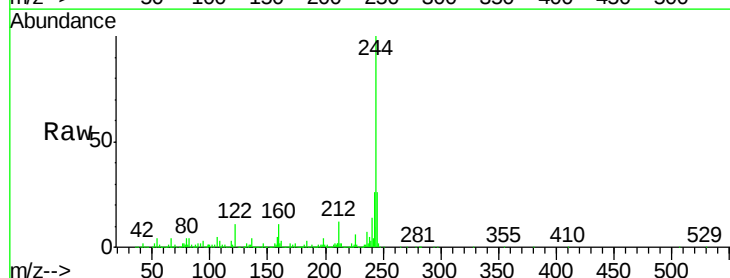
Tgt Ion:244 Resp: 2352776

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

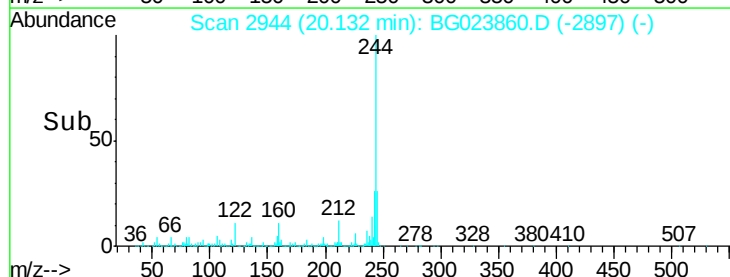
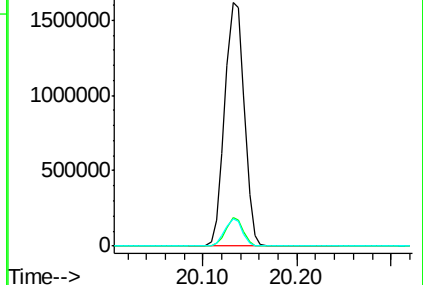
122 11.2 8.0 12.0

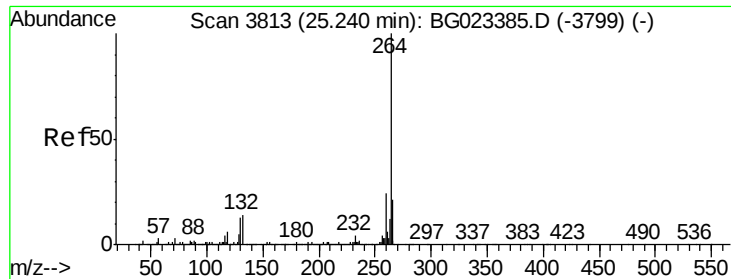


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3809
Delta R.T. -0.03 min
Lab File: BG023860.D
Acq: 23 Aug 2016 19:26

Instrument :
BNA_G
ClientSampleId :
EB-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.7	18.9	28.3

