

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023447.D
 Acq On : 4 Aug 2016 10:37
 Operator : UM/SJ
 Sample : H4309-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-46A-9-11

Quant Time: Aug 04 16:11:29 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

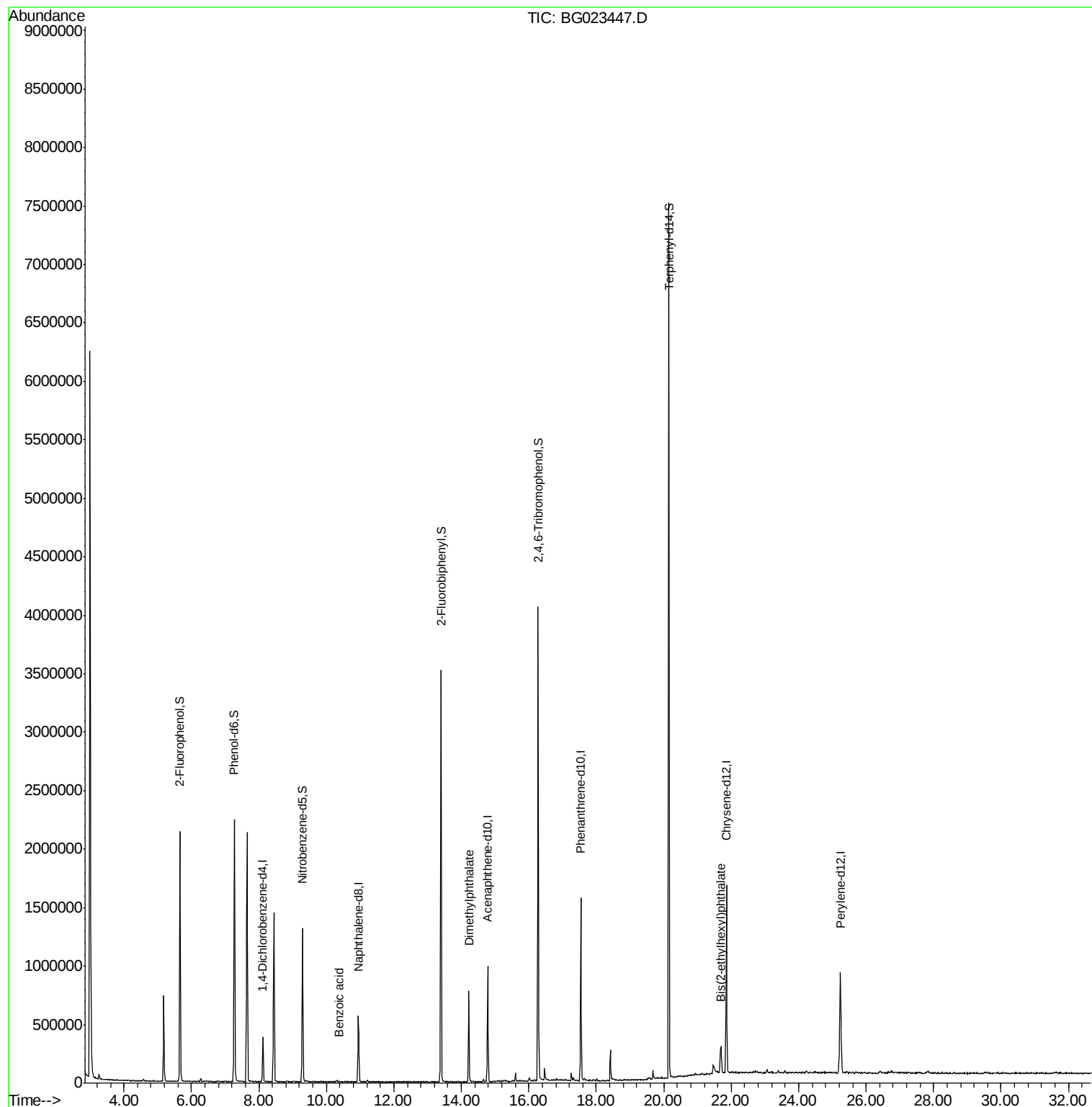
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	106141	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	467433	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	336713	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	927411	20.00	ng	0.00
75) Chrysene-d12	21.86	240	994432	20.00	ng	0.00
86) Perylene-d12	25.24	264	950949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	906120	143.70	ng	0.00
7) Phenol-d6	7.27	99	1373801	139.88	ng	0.00
23) Nitrobenzene-d5	9.29	82	875091	93.07	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	740760	150.41	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1773676	88.85	ng	0.00
78) Terphenyl-d14	20.15	244	2728389	86.11	ng	0.00
Target Compounds						
9) Benzaldehyde	7.24	77	108	Below Cal	#	36
32) Benzoic acid	10.38	122	87	6.45 ng	#	29
49) Dimethylphthalate	14.23	163	513323	19.87 ng		99
73) Di-n-butylphthalate	18.49	149	6084	Below Cal	#	85
74) Fluoranthene	19.60	202	121	Below Cal	#	1
77) Pyrene	20.15	202	14554	Below Cal	#	79
83) Bis(2-ethylhexyl)phthalate	21.70	149	234436	7.15 ng	#	94

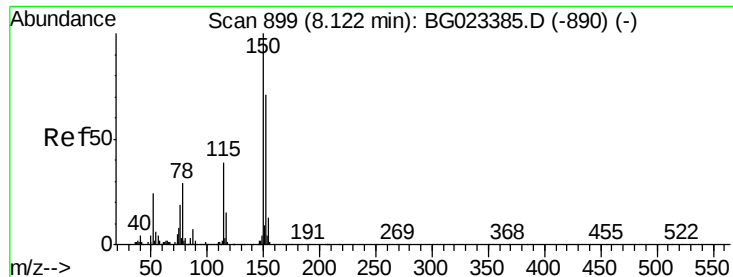
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023447.D
Acq On : 4 Aug 2016 10:37
Operator : UM/SJ
Sample : H4309-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-46A-9-11

Quant Time: Aug 04 16:11:29 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



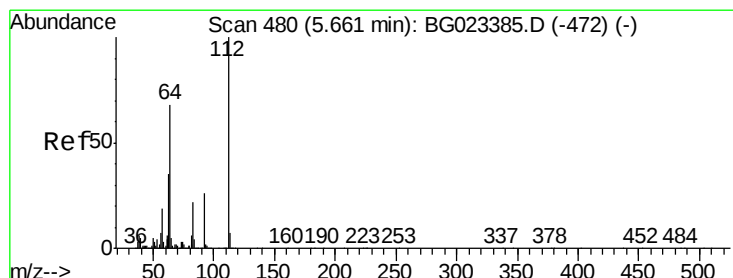
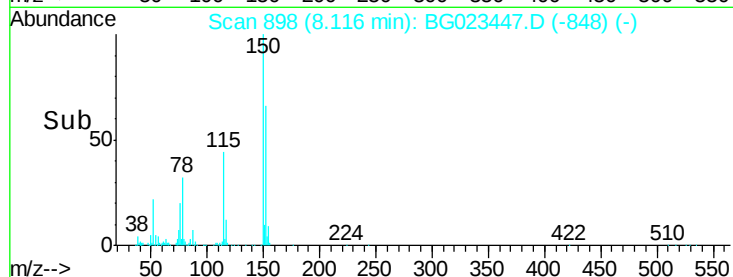
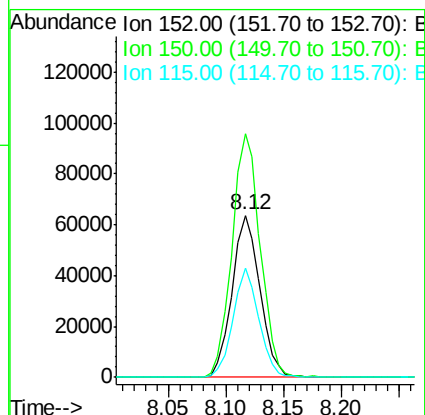
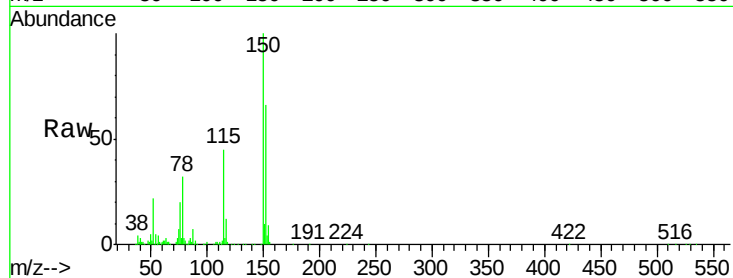


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG023447.D
Acq: 4 Aug 2016 10:37

Instrument :
BNA_G
ClientSampleId :
LOCATION-46A-9-11

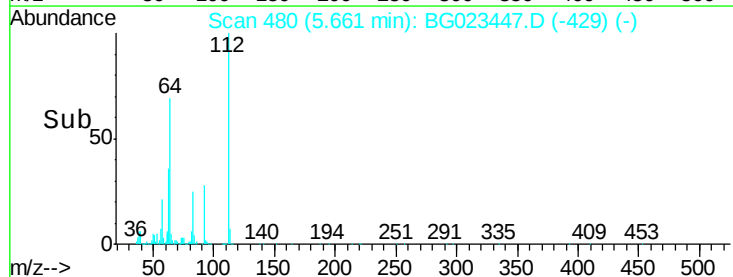
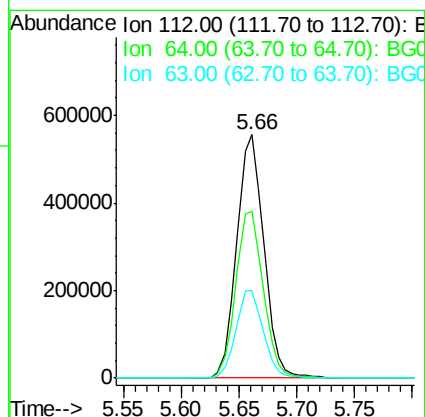
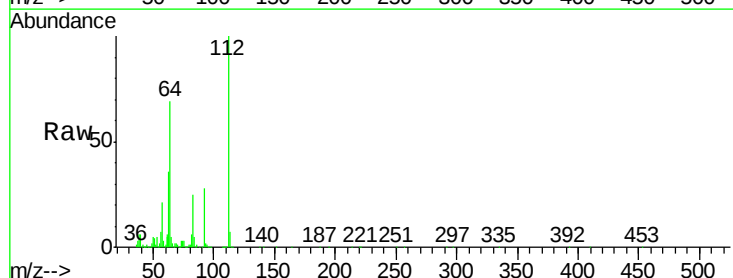
Tot Ion:152 Resp: 106141
Ion Ratio Lower Upper
152 100
150 150.6 144.7 217.1
115 67.3 64.0 96.0

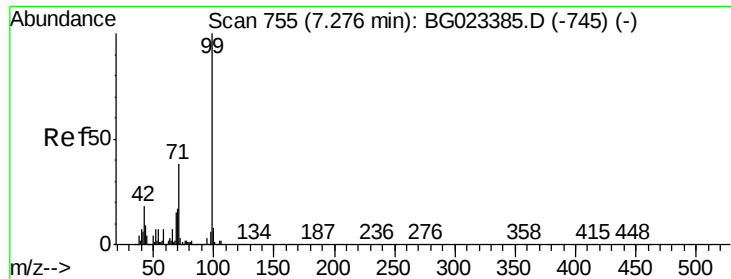


#5

2-Fluorophenol
Concen: 143.70 ng
RT: 5.66 min Scan# 480
Delta R.T. 0.00 min
Lab File: BG023447.D
Acq: 4 Aug 2016 10:37

Tgt Ion:112 Resp: 906120
Ion Ratio Lower Upper
112 100
64 68.7 59.0 88.4
63 36.0 37.8 56.8#





#7

Phenol-d6

Concen: 139.88 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

LOCATION-46A-9-11

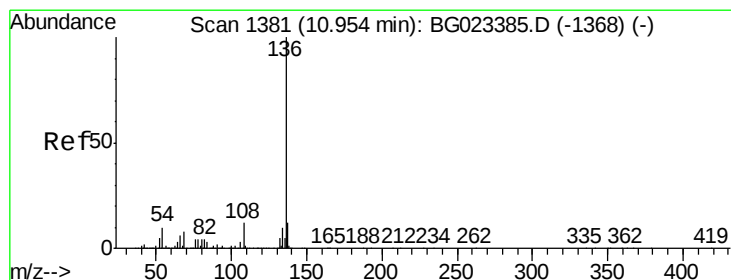
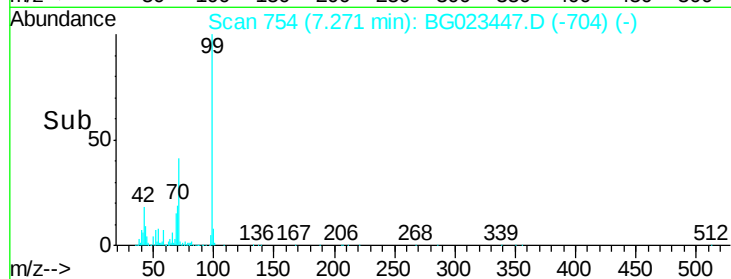
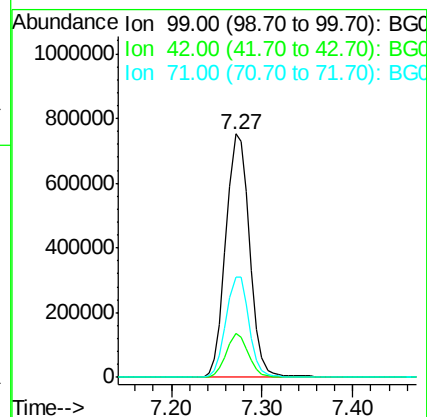
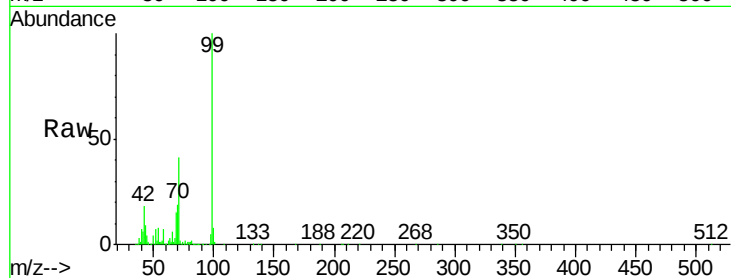
Tot Ion: 99 Resp: 1373801

Ion Ratio Lower Upper

99 100

42 17.9 17.8 26.6

71 40.9 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

Tgt Ion: 136 Resp: 467433

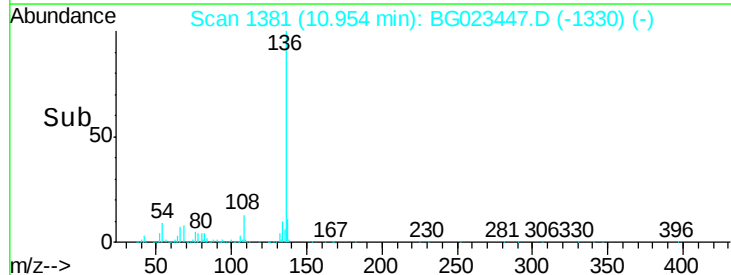
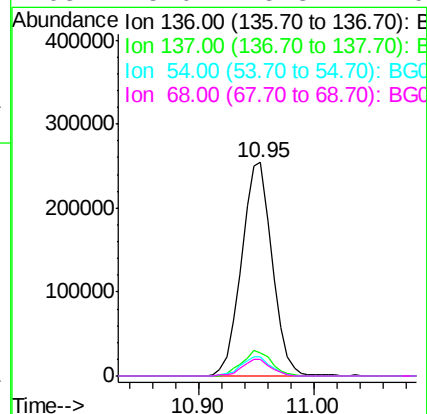
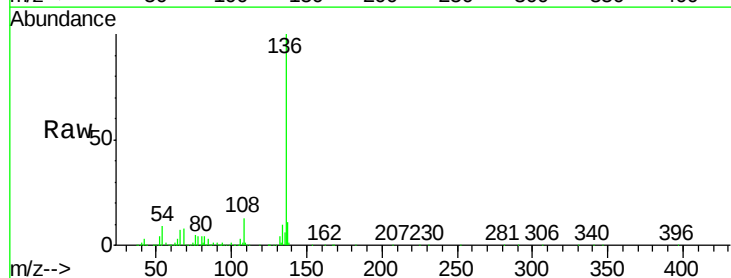
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 8.9 7.3 10.9

68 8.0 5.3 7.9#

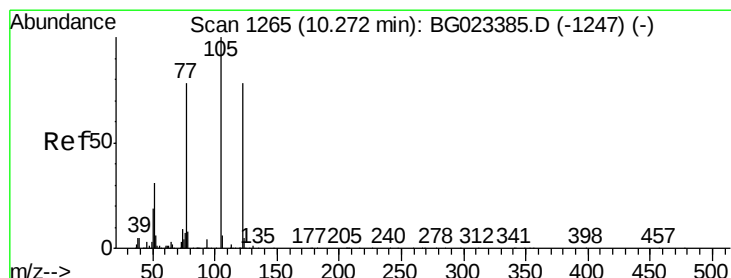
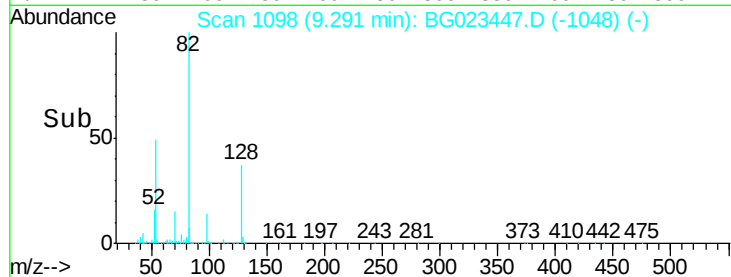
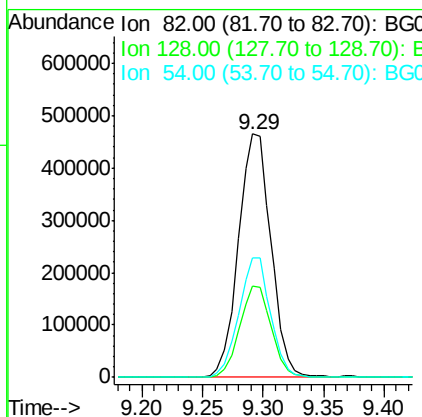
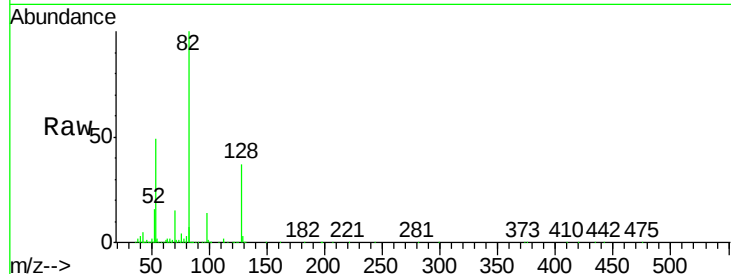




#23
 Nitrobenzene-d5
 Concen: 93.07 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG023447.D
 Acq: 4 Aug 2016 10:37

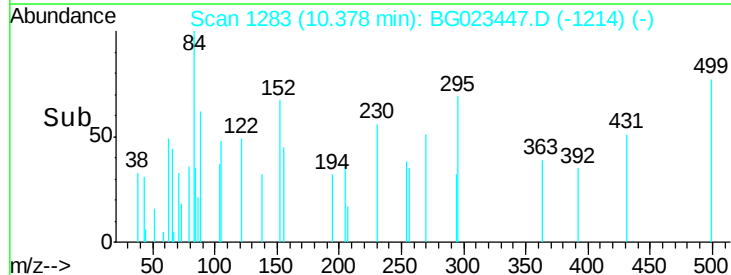
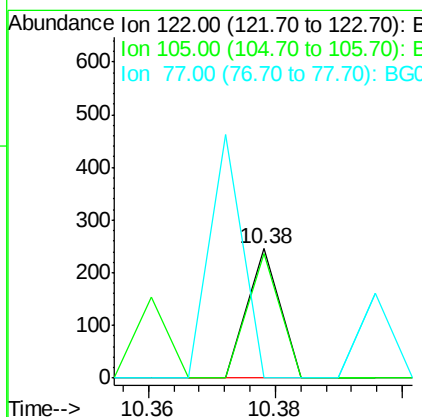
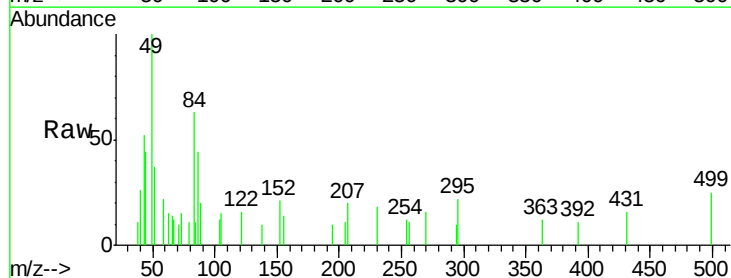
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-46A-9-11

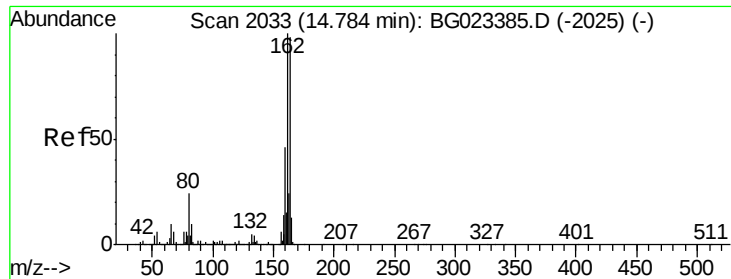
Tot Ion	82	Resp	875091
Ion Ratio	Lower	Upper	
82	100		
128	37.5	24.4	36.6#
54	49.3	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. 0.11 min
 Lab File: BG023447.D
 Acq: 4 Aug 2016 10:37

Tgt Ion	122	Resp	87
Ion Ratio	Lower	Upper	
122	100		
105	96.3	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

LOCATION-46A-9-11

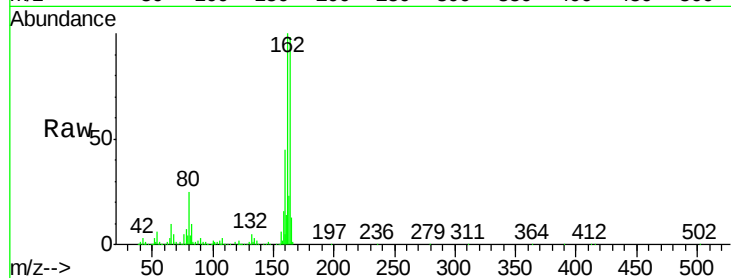
Tot Ion:164 Resp: 336713

Ion Ratio Lower Upper

164 100

162 101.6 87.7 131.5

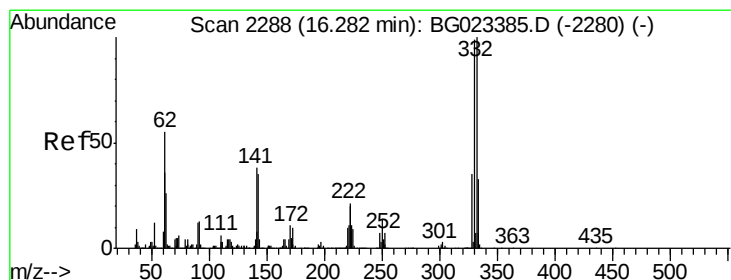
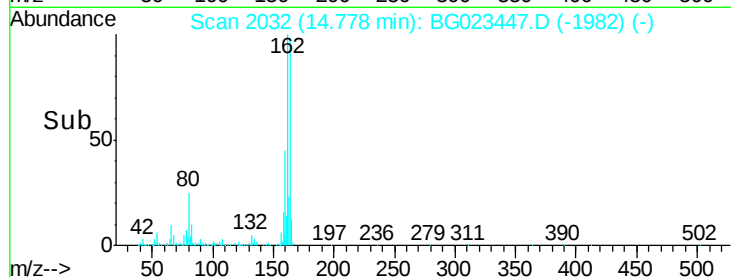
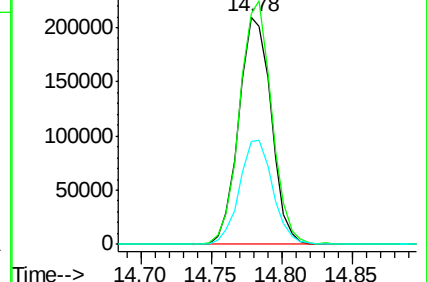
160 45.4 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 150.41 ng

RT: 16.28 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

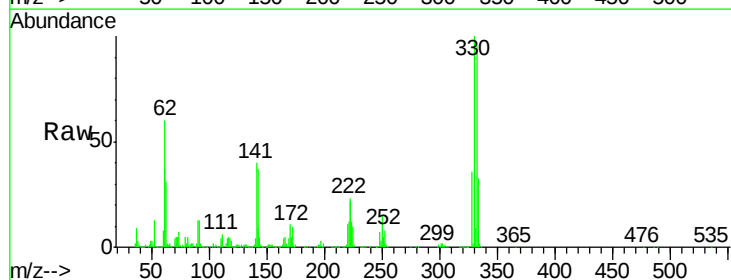
Tgt Ion:330 Resp: 740760

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

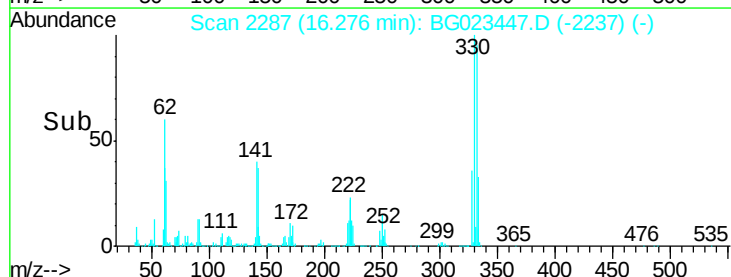
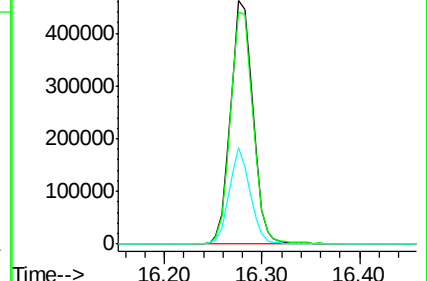
141 36.9 31.7 47.5

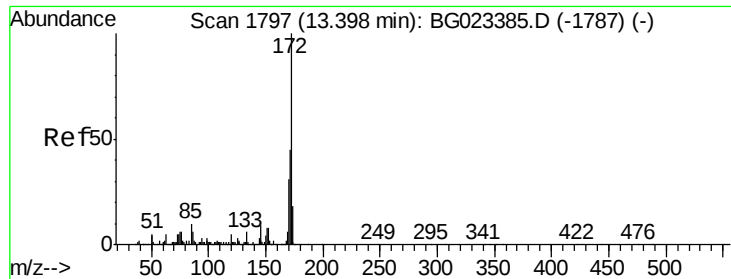


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

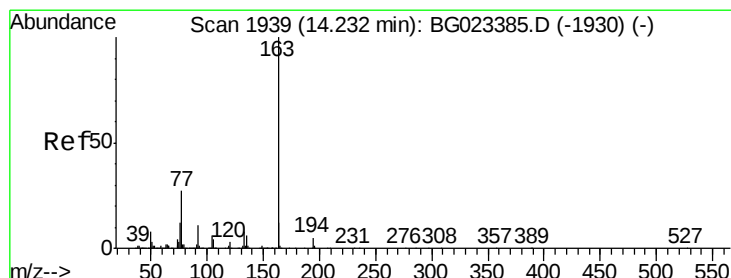
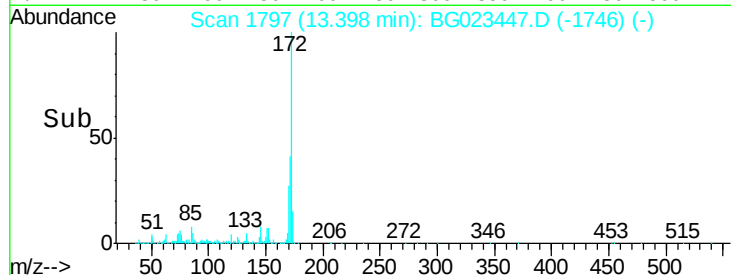
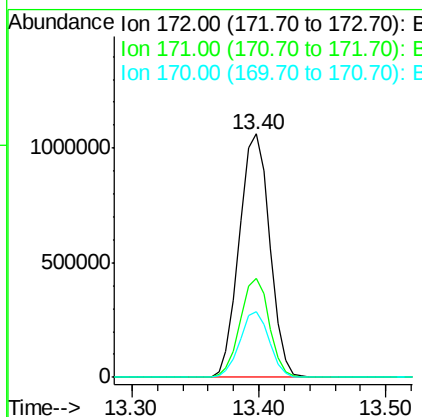
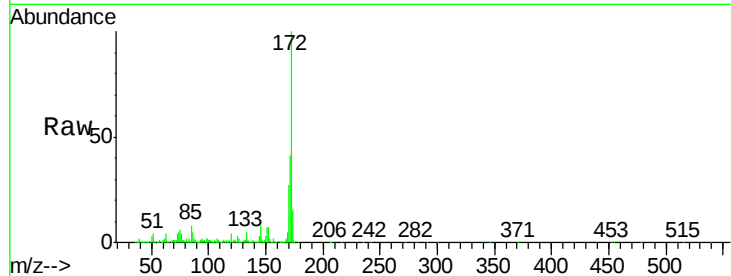




#44
2-Fluorobiphenyl
Concen: 88.85 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG023447.D
Acq: 4 Aug 2016 10:37

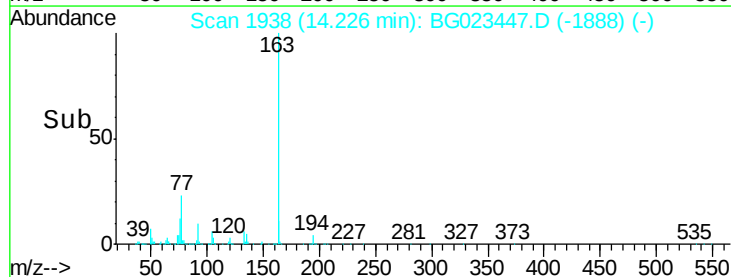
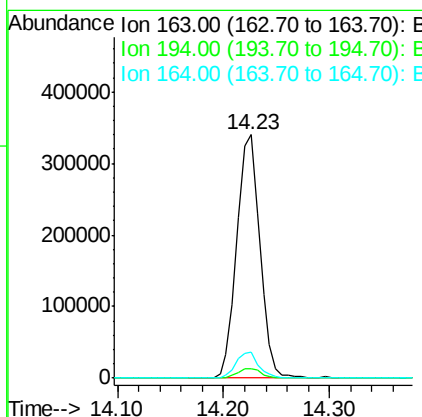
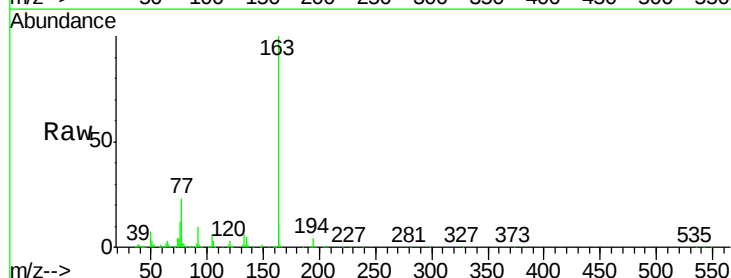
Instrument :
BNA_G
ClientSampleId :
LOCATION-46A-9-11

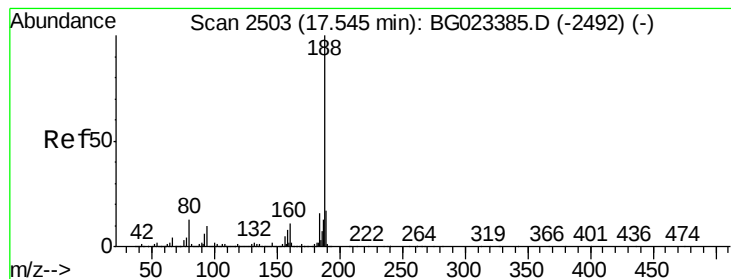
Tot Ion:172 Resp: 1773676
Ion Ratio Lower Upper
172 100
171 40.5 31.6 47.4
170 27.0 21.3 31.9



#49
Dimethylphthalate
Concen: 19.87 ng
RT: 14.23 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023447.D
Acq: 4 Aug 2016 10:37

Tgt Ion:163 Resp: 513323
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.6 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

LOCATION-46A-9-11

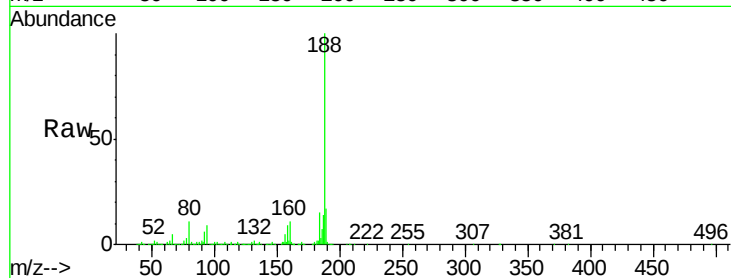
Tot Ion:188 Resp: 927411

Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

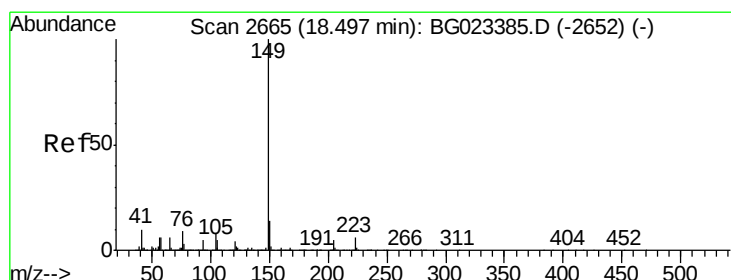
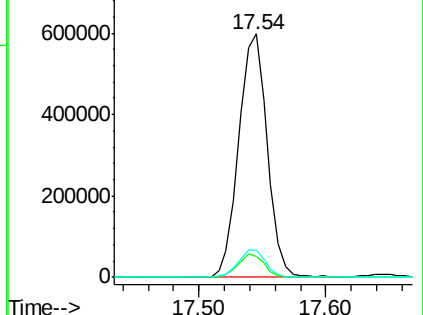
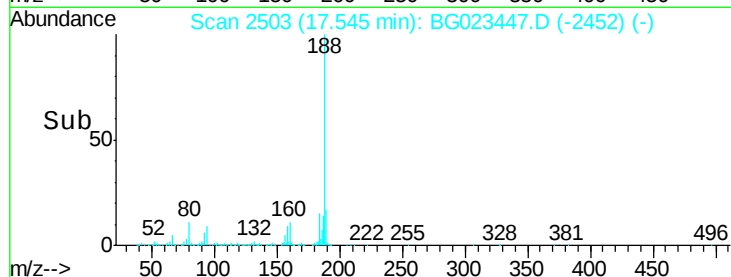
80 11.1 7.2 10.8#



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: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

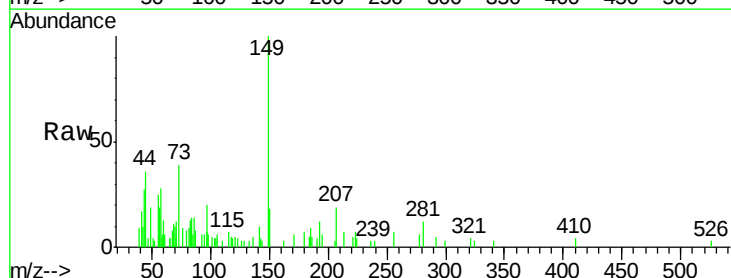
Tgt Ion:149 Resp: 6084

Ion Ratio Lower Upper

149 100

150 17.7 9.1 13.7#

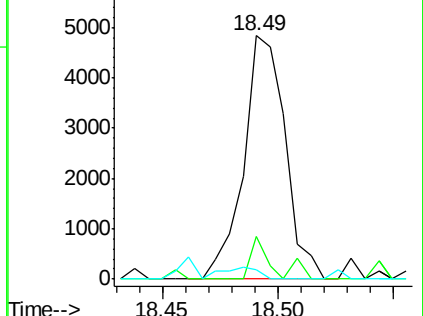
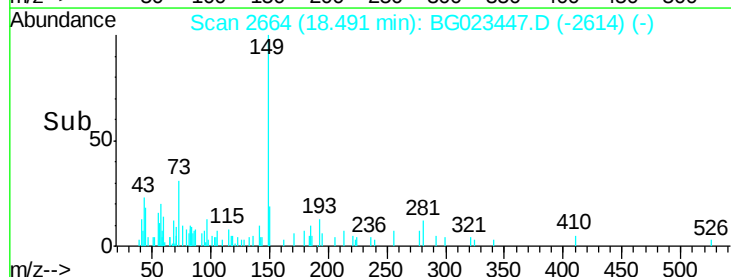
104 3.9 6.9 10.3#

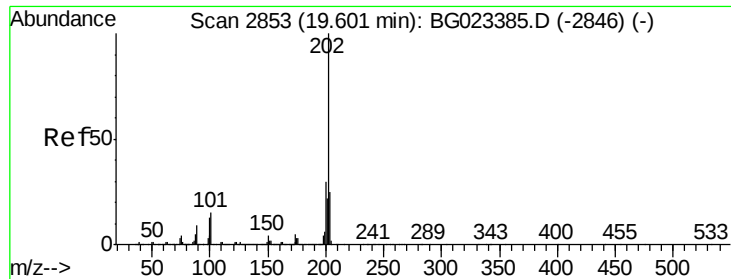


Abundance Ion 149.00 (148.70 to 149.70): E

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: BG023447.D

Acq: 4 Aug 2016 10:37

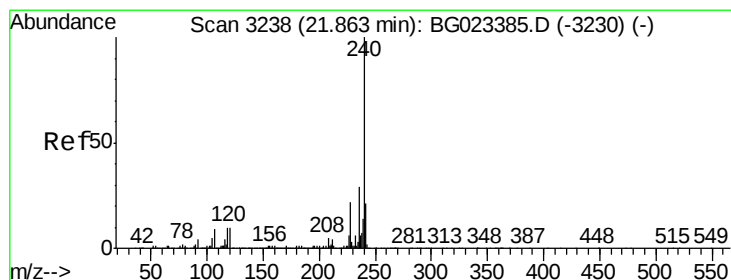
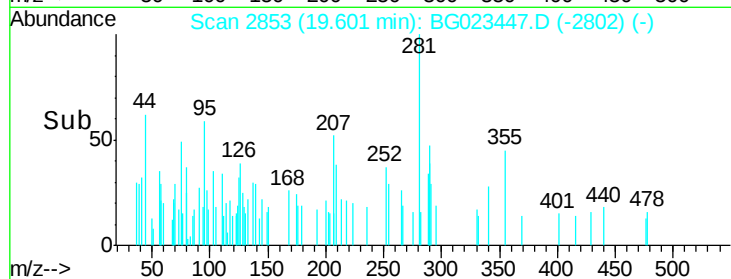
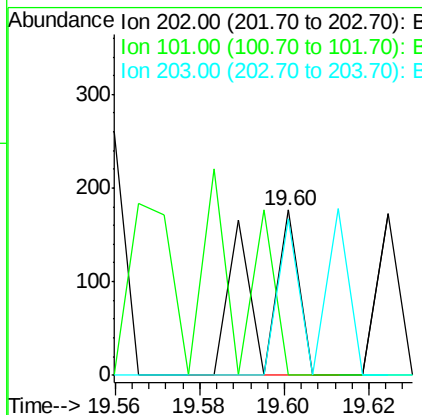
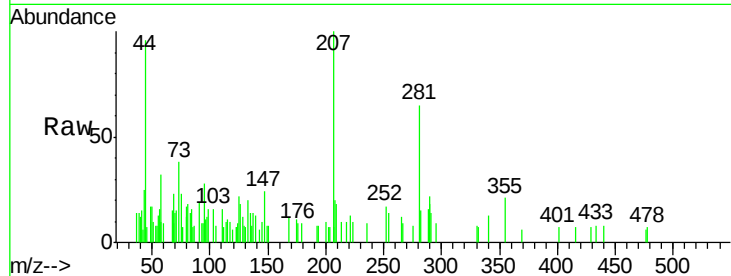
Instrument :

BNA_G

ClientSampleId :

LOCATION-46A-9-11

Tot Ion:	202	Resp:	121
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	94.9	1.7	41.7#



#75

Chrysene-d12

Concen: 20.00 ng

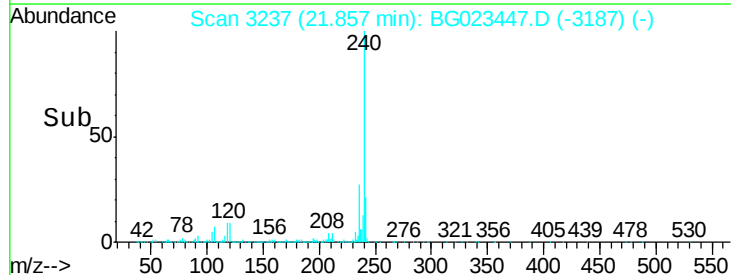
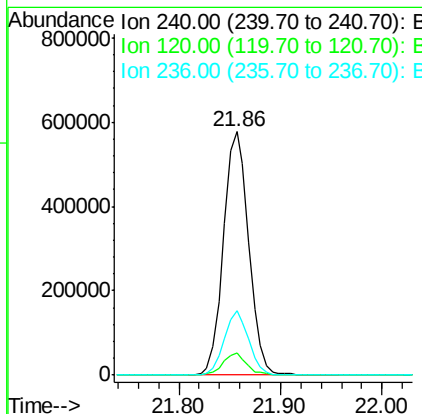
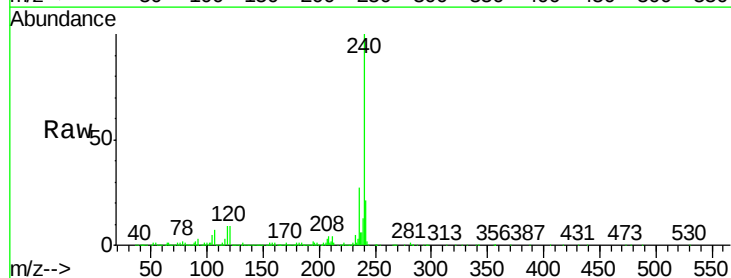
RT: 21.86 min Scan# 3237

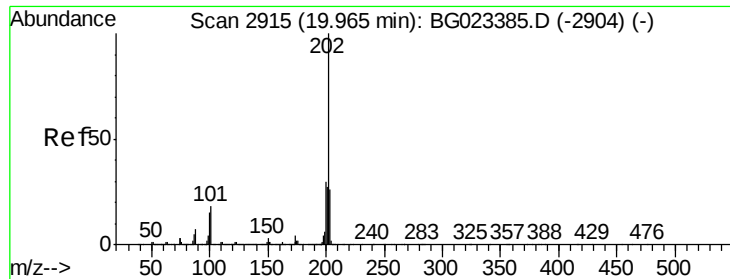
Delta R.T. -0.01 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

Tgt Ion:	240	Resp:	994432
Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.1	6.1#
236	26.7	21.1	31.7

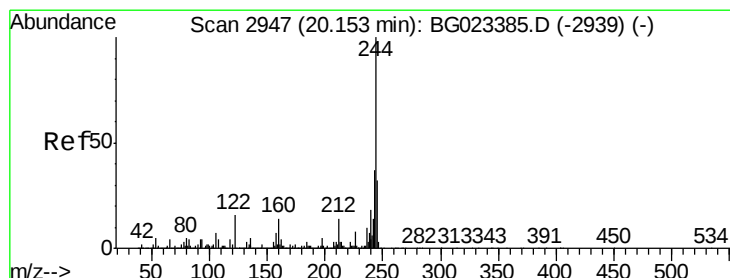
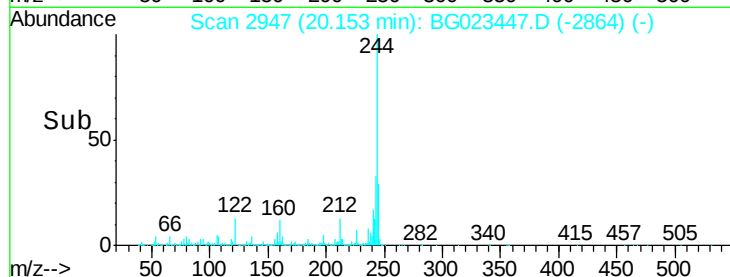
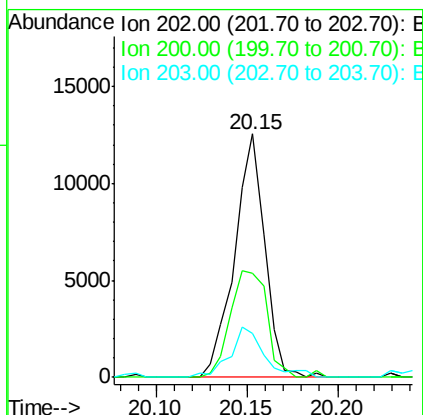
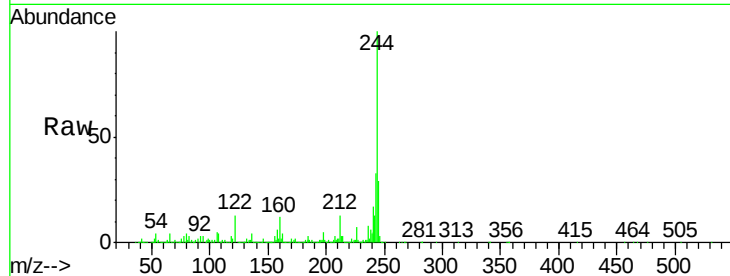




#77
Pvrene
Concen: Below Cal
RT: 20.15 min Scan# 2947
Delta R.T. 0.19 min
Lab File: BG023447.D
Acq: 4 Aug 2016 10:37

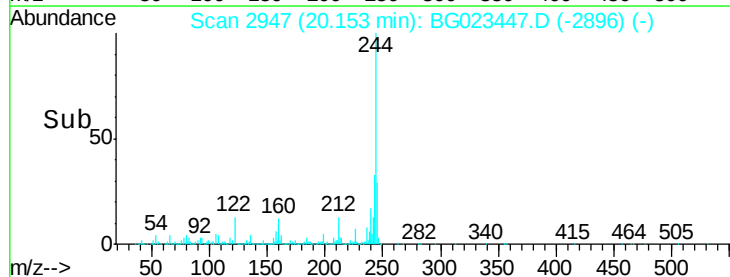
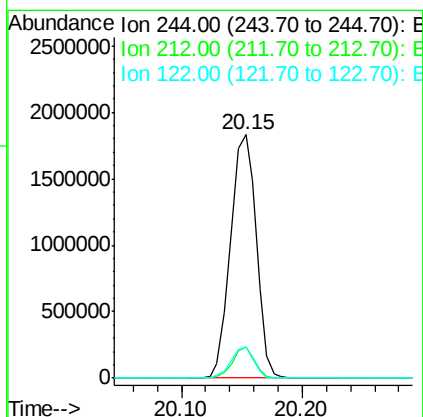
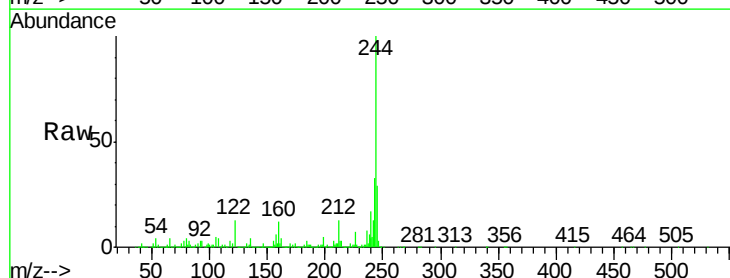
Instrument :
BNA_G
ClientSampleId :
LOCATION-46A-9-11

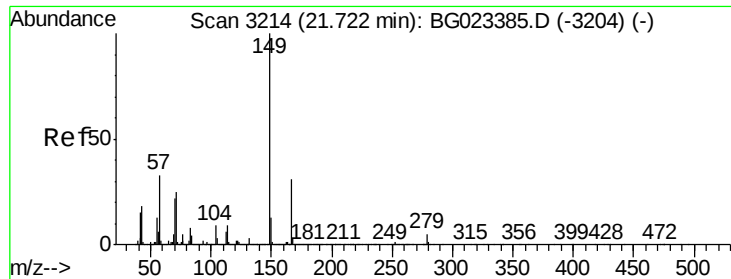
Tot Ion:202 Resp: 14554
Ion Ratio Lower Upper
202 100
200 42.8 21.2 31.8#
203 18.0 16.8 25.2



#78
Terphenyl-d14
Concen: 86.11 ng
RT: 20.15 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG023447.D
Acq: 4 Aug 2016 10:37

Tgt Ion:244 Resp: 2728389
Ion Ratio Lower Upper
244 100
212 12.9 10.8 16.2
122 12.9 8.0 12.0#





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.15 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.02 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

LOCATION-46A-9-11

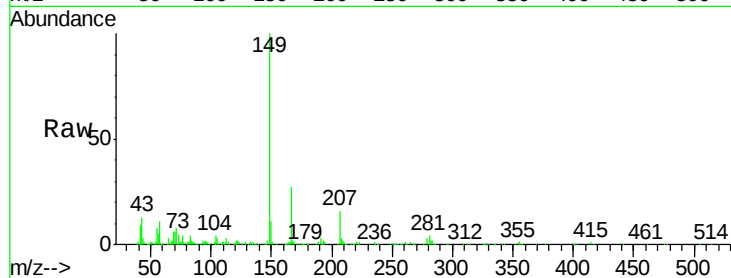
Tot Ion:149 Resp: 234436

Ion Ratio Lower Upper

149 100

167 26.8 24.0 36.0

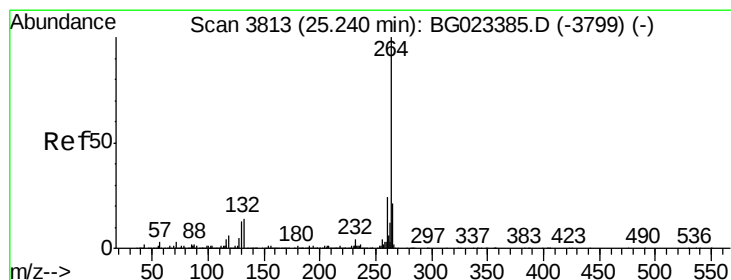
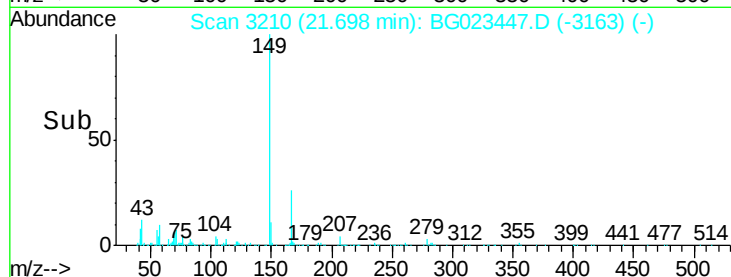
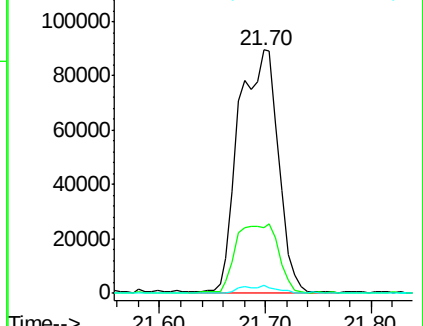
279 3.3 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BG023447.D

Acq: 4 Aug 2016 10:37

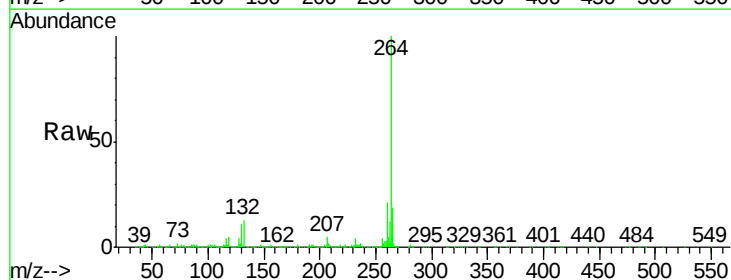
Tgt Ion:264 Resp: 950949

Ion Ratio Lower Upper

264 100

260 21.5 18.4 27.6

265 18.9 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

