

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023444.D
 Acq On : 4 Aug 2016 8:38
 Operator : UM/SJ
 Sample : H4287-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-58-14.0-15.0RE

Quant Time: Aug 04 16:10:16 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

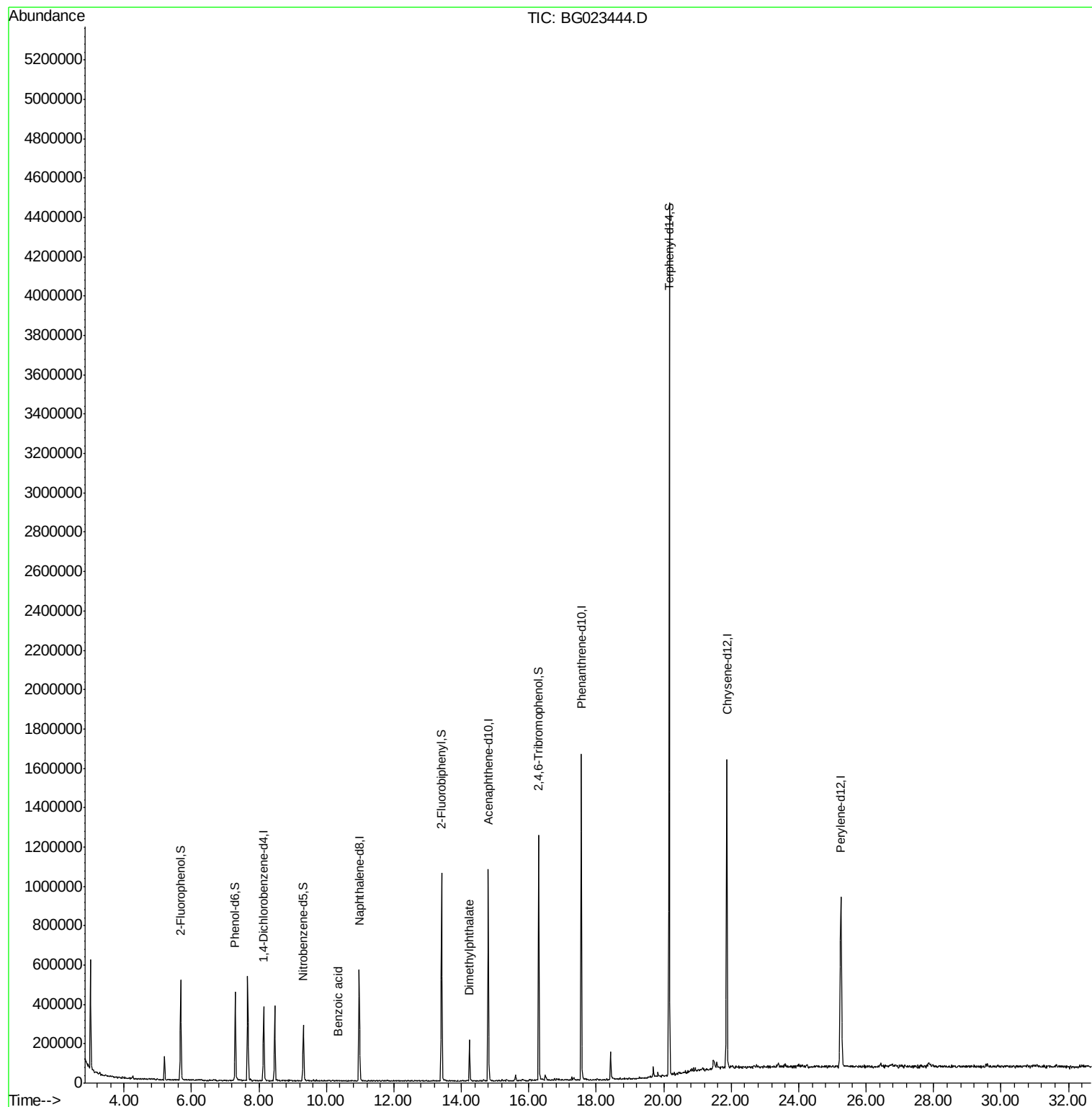
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	103790	20.00	ng	0.01
21) Naphthalene-d8	10.97	136	474121	20.00	ng	0.02
38) Acenaphthene-d10	14.80	164	356987	20.00	ng	0.01
63) Phenanthrene-d10	17.55	188	996119	20.00	ng	0.00
75) Chrysene-d12	21.86	240	993683	20.00	ng	0.00
86) Perylene-d12	25.25	264	947059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	227606	36.91	ng	0.01
7) Phenol-d6	7.29	99	301506	31.39	ng	0.01
23) Nitrobenzene-d5	9.32	82	195927	20.54	ng	0.02
41) 2,4,6-Tribromophenol	16.29	330	234362	44.88	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	532612	25.16	ng	0.01
78) Terphenyl-d14	20.16	244	1830192	49.68	ng	0.00
Target Compounds						
9) Benzaldehyde	7.27	77	76	Below Cal	#	8
32) Benzoic acid	10.36	122	81	6.45 ng	#	1
49) Dimethylphthalate	14.24	163	132691	4.84 ng		98
73) Di-n-butylphthalate	18.50	149	2293	Below Cal	#	73
74) Fluoranthene	19.61	202	418	Below Cal	#	46
77) Pyrene	19.97	202	929	Below Cal	#	69

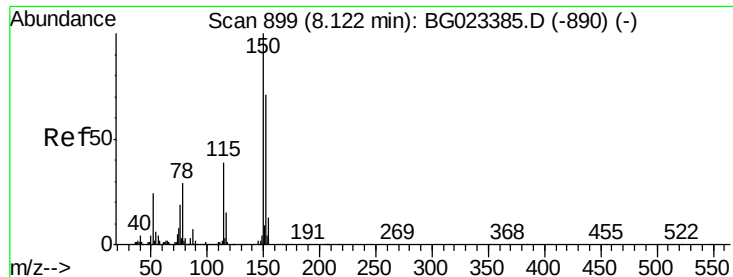
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

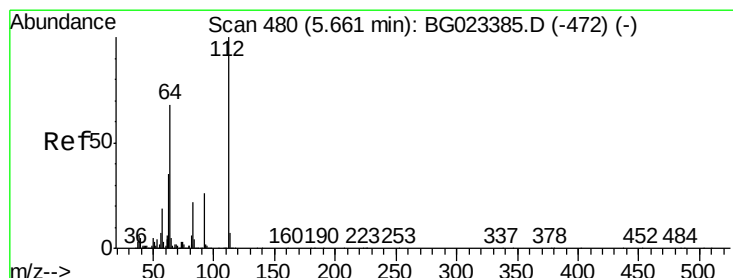
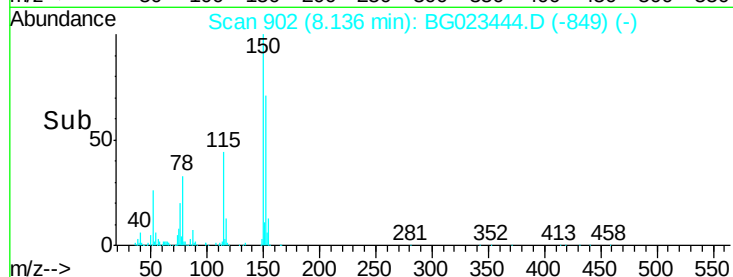
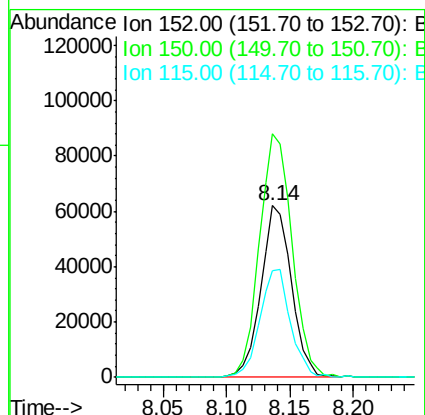
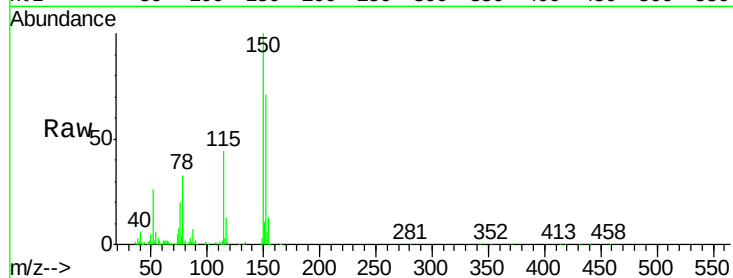
Tot Ion:152 Resp: 103790

Ion Ratio Lower Upper

152 100

150 141.8 144.7 217.1#

115 61.8 64.0 96.0#



#5

2-Fluorophenol

Concen: 36.91 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

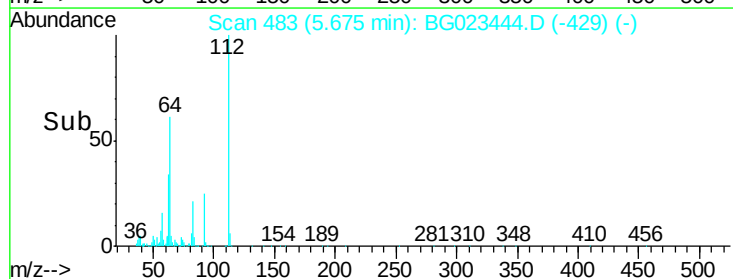
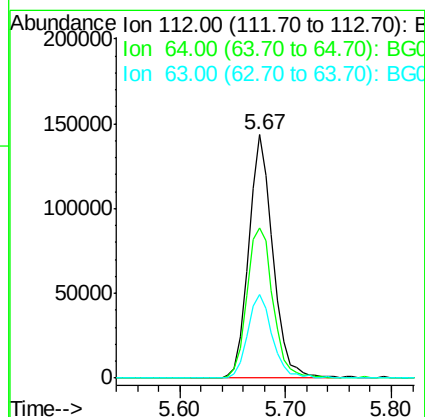
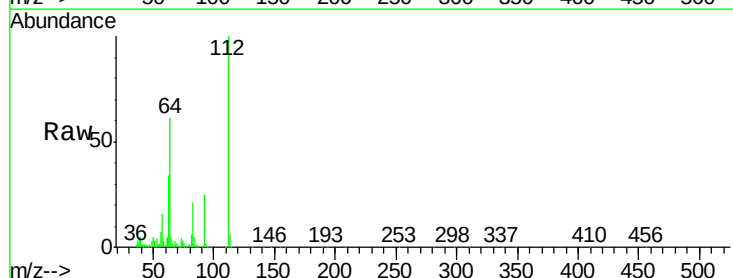
Tgt Ion:112 Resp: 227606

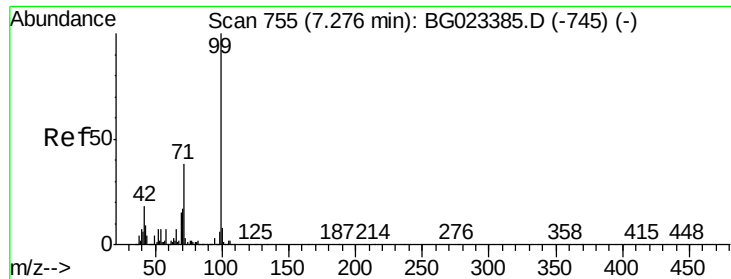
Ion Ratio Lower Upper

112 100

64 61.4 59.0 88.4

63 34.4 37.8 56.8#





#7

Phenol-d6

Concen: 31.39 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

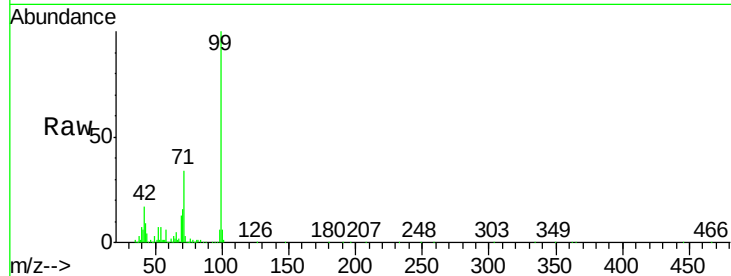
Tot Ion: 99 Resp: 301506

Ion Ratio Lower Upper

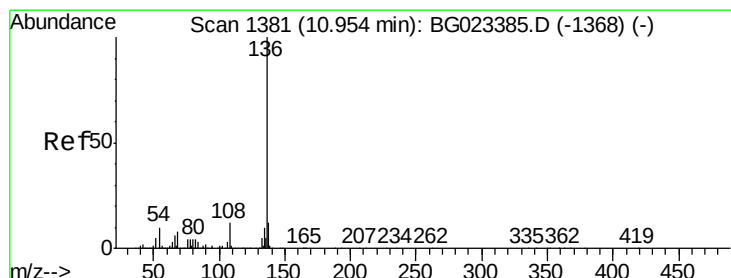
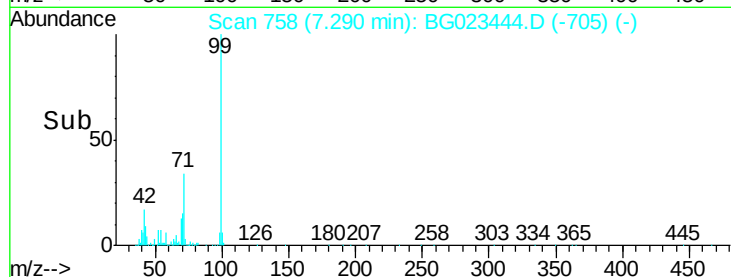
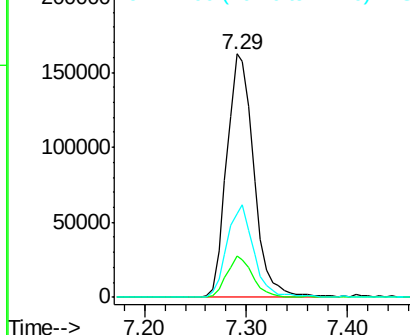
99 100

42 17.2 17.8 26.6#

71 34.5 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: 10.97 min Scan# 1385

Delta R.T. 0.02 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Tgt Ion: 136 Resp: 474121

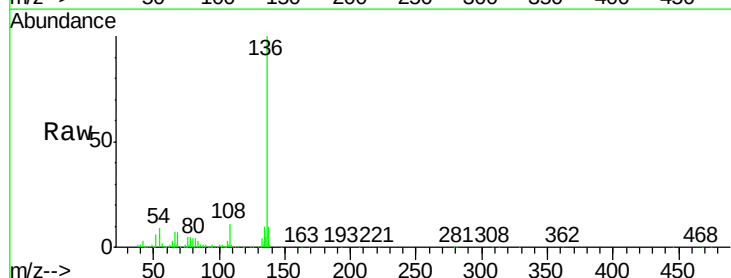
Ion Ratio Lower Upper

136 100

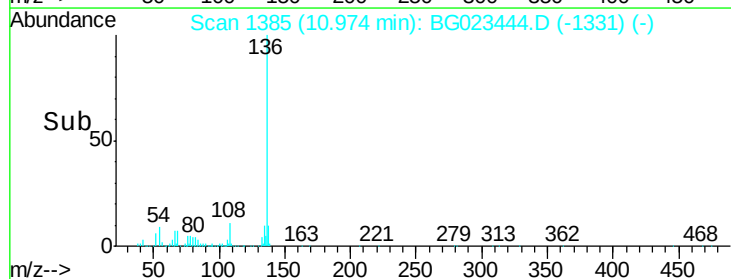
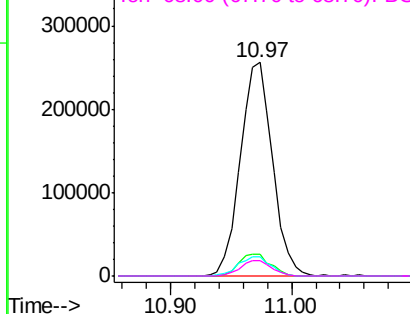
137 10.3 9.6 14.4

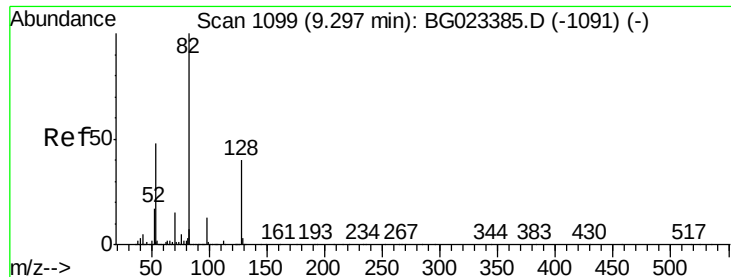
54 9.3 7.3 10.9

68 7.3 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: 20.54 ng

RT: 9.32 min Scan# 1103

Delta R.T. 0.02 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

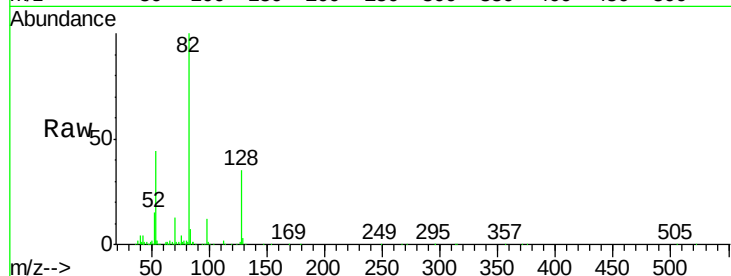
Tot Ion: 82 Resp: 195927

Ion Ratio Lower Upper

82 100

128 34.8 24.4 36.6

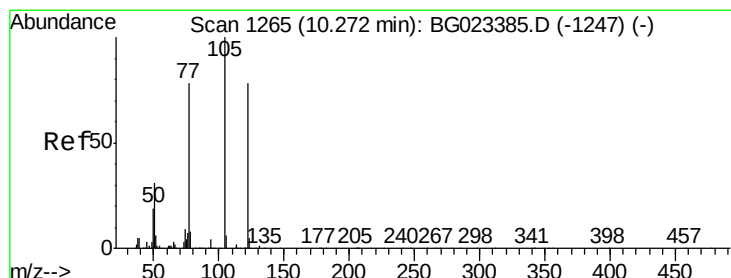
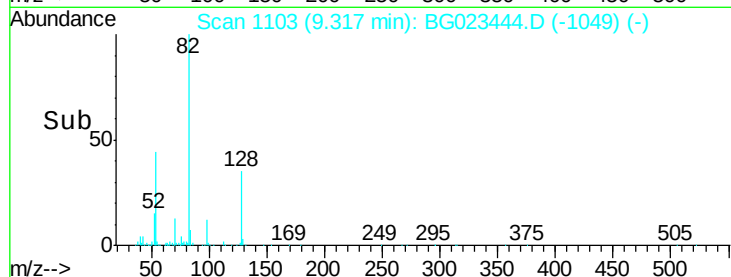
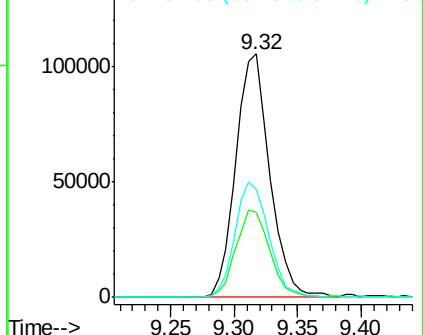
54 44.4 41.4 62.0



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: 10.36 min Scan# 1280

Delta R.T. 0.08 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

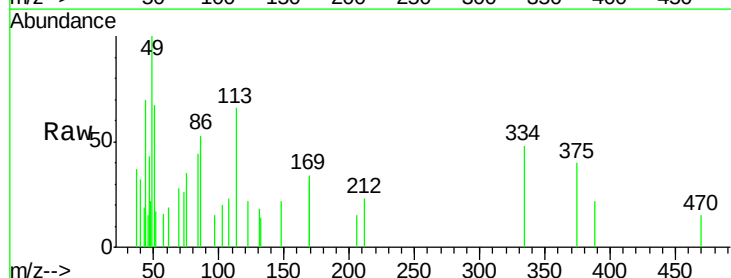
Tgt Ion: 122 Resp: 81

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

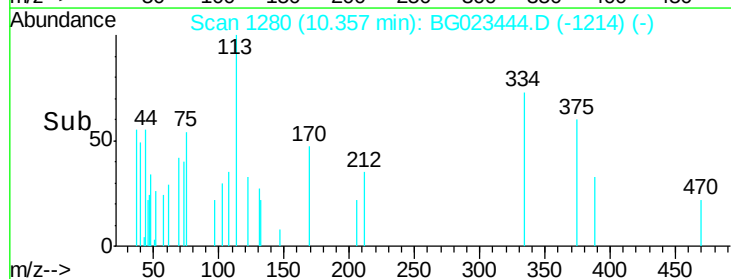
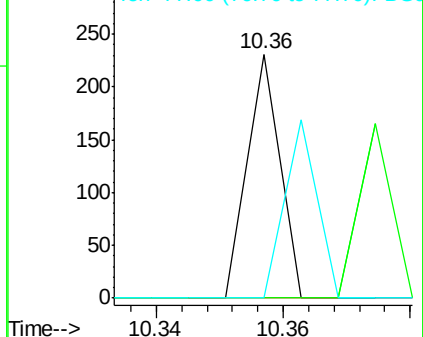
77 0.0 109.2 149.2#

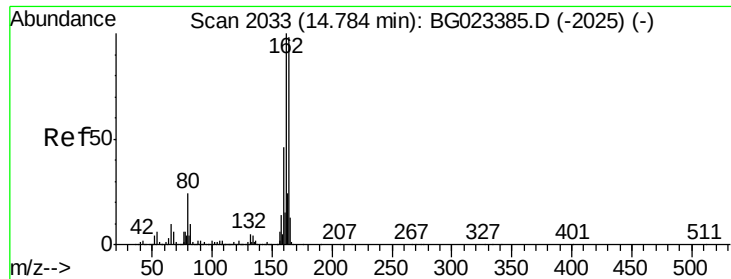


Abundance Ion 122.00 (121.70 to 122.70): BGC

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: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Instrument :

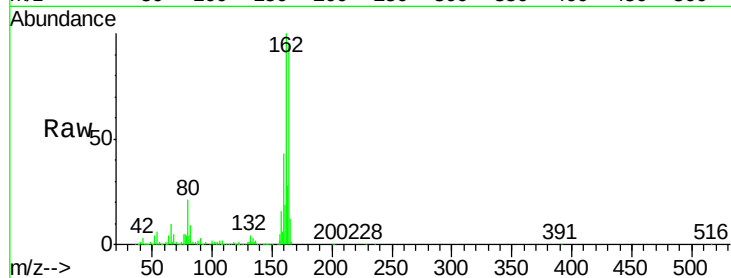
BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

Tot Ion:164 Resp: 356987

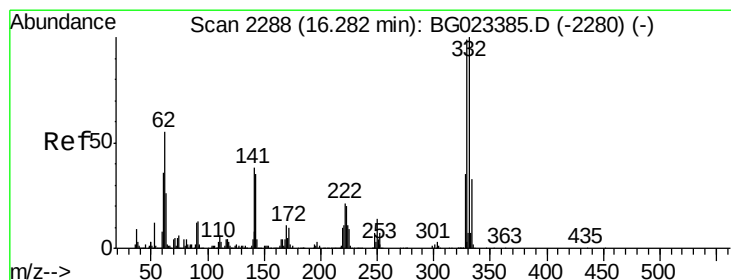
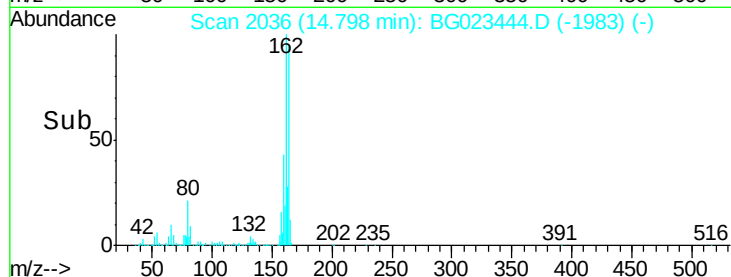
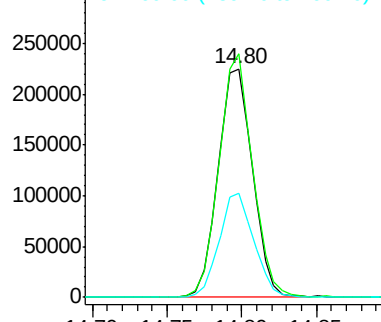
Ion	Ratio	Lower	Upper
164	100		
162	106.5	87.7	131.5
160	45.7	37.2	55.8



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: 44.88 ng

RT: 16.29 min Scan# 2290

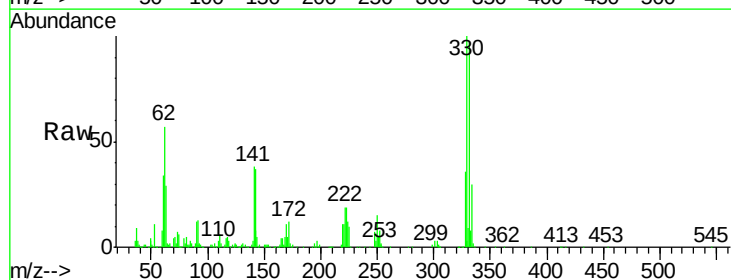
Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Tgt Ion:330 Resp: 234362

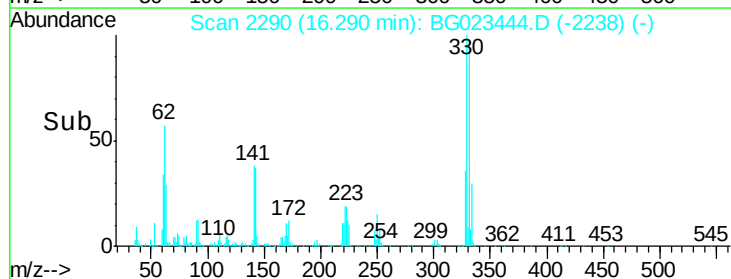
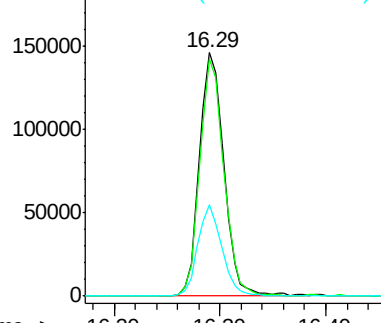
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	37.0	31.7	47.5

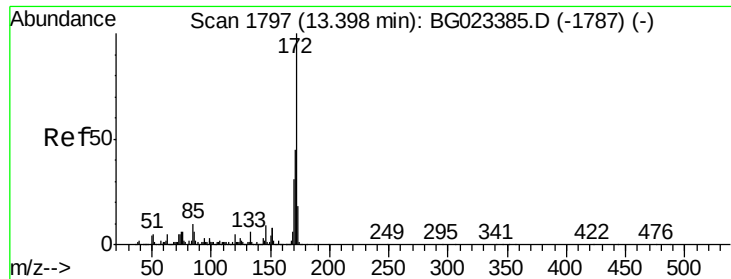


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 25.16 ng

RT: 13.41 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Instrument :

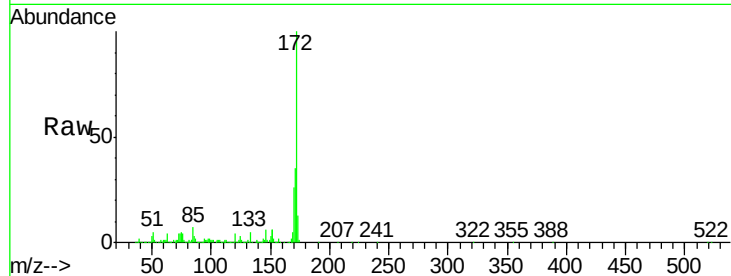
BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

Tot Ion:172 Resp: 532612

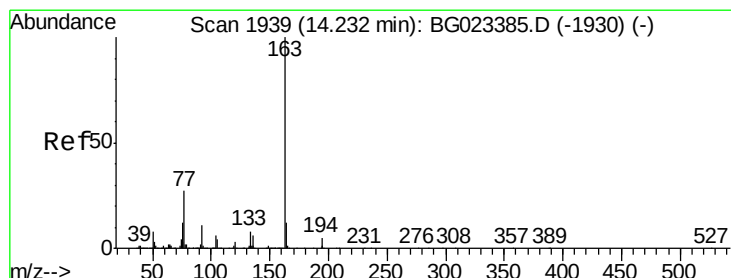
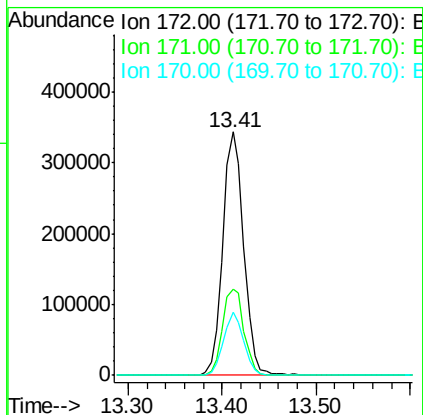
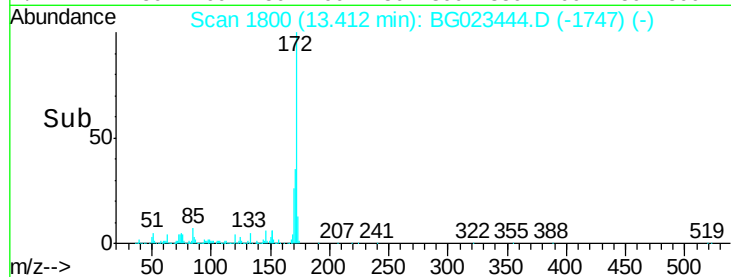
Ion	Ratio	Lower	Upper
172	100		
171	35.2	31.6	47.4
170	26.1	21.3	31.9



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



#49

Dimethylphthalate

Concen: 4.84 ng

RT: 14.24 min Scan# 1941

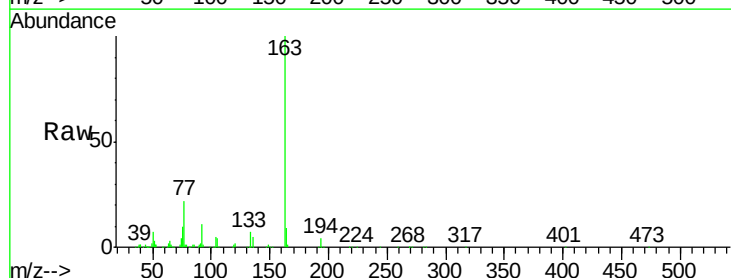
Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Tgt Ion:163 Resp: 132691

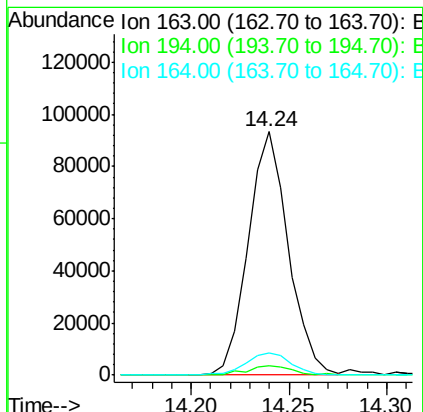
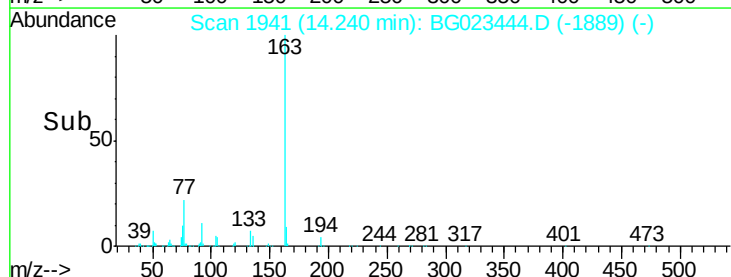
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	9.4	8.1	12.1

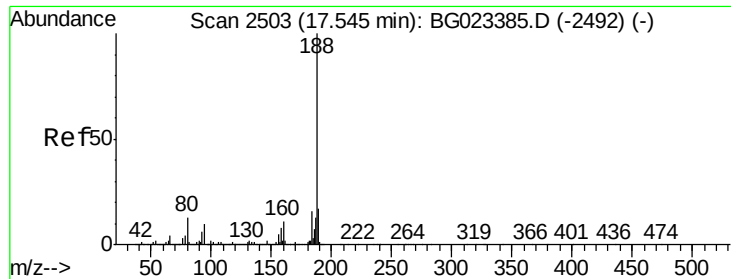


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

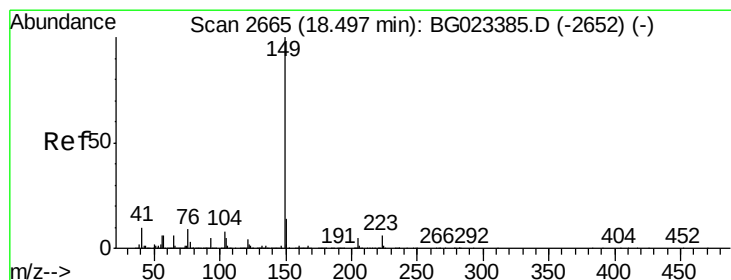
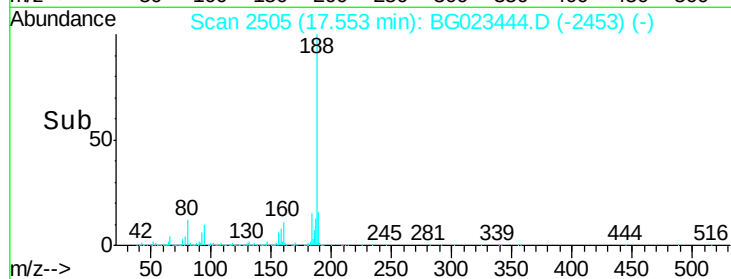
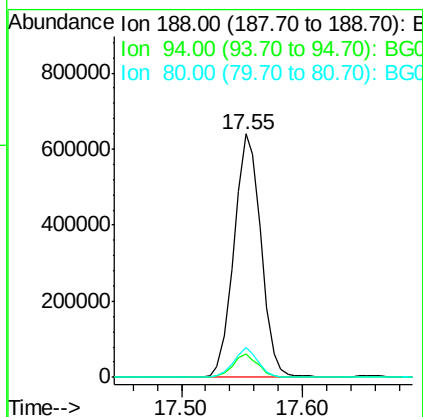
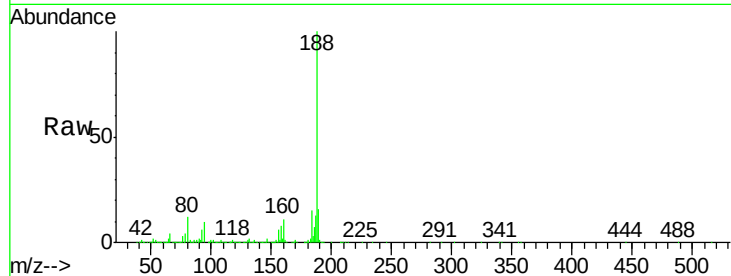




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG023444.D
Acq: 4 Aug 2016 8:38

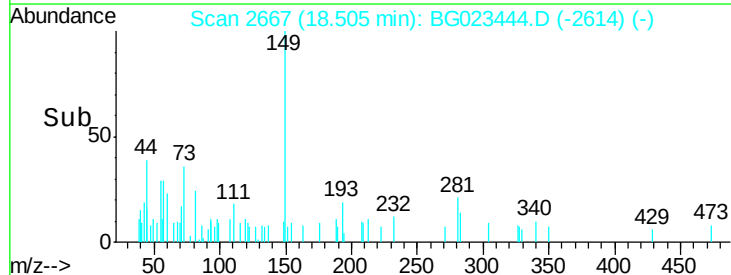
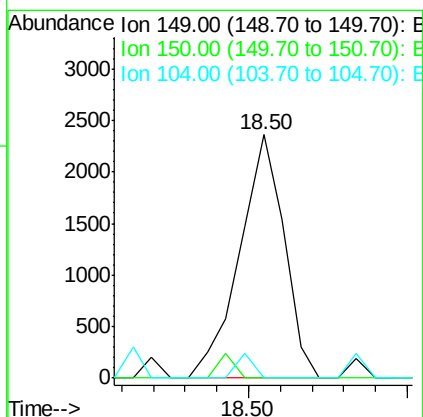
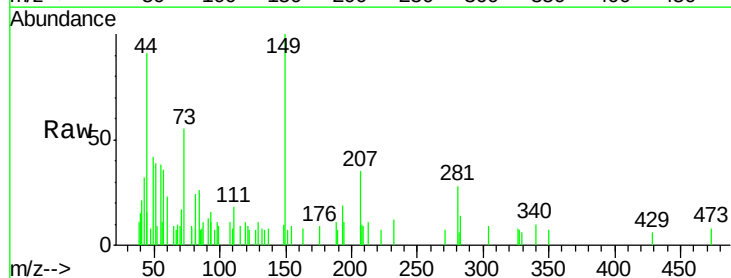
Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

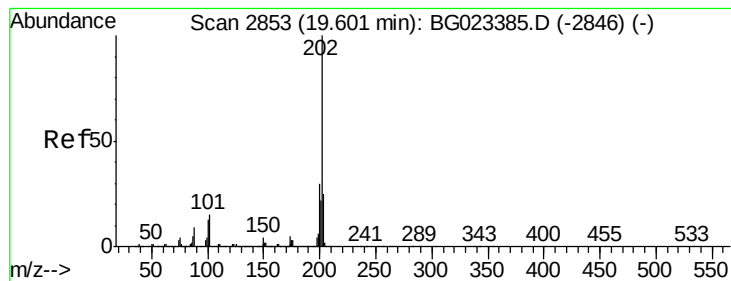
Tot Ion:188 Resp: 996119
Ion Ratio Lower Upper
188 100
94 9.7 5.2 7.8#
80 12.1 7.2 10.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2667
Delta R.T. 0.01 min
Lab File: BG023444.D
Acq: 4 Aug 2016 8:38

Tgt Ion:149 Resp: 2293
Ion Ratio Lower Upper
149 100
150 0.0 9.1 13.7#
104 0.0 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.61 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

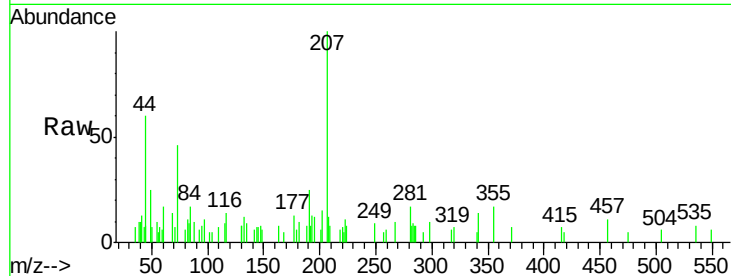
Tot Ion:202 Resp: 418

Ion Ratio Lower Upper

202 100

101 34.3 0.0 27.4#

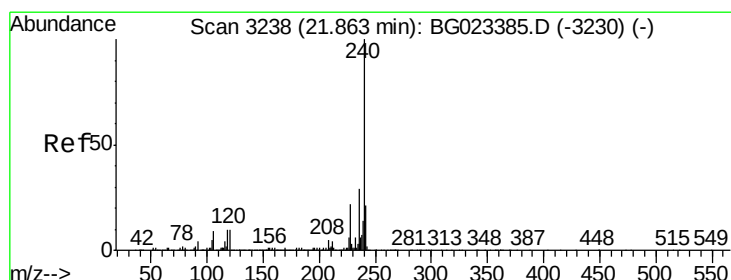
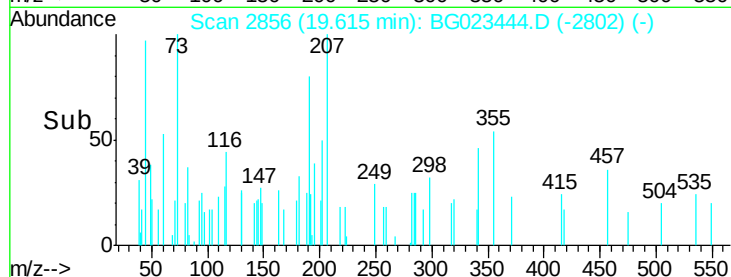
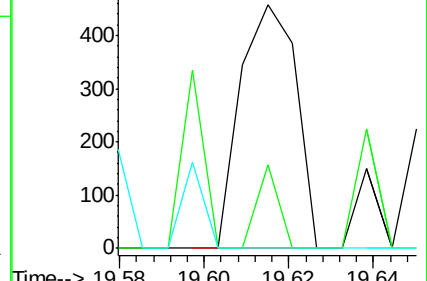
203 0.0 1.7 41.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BG023444.D

Acq: 4 Aug 2016 8:38

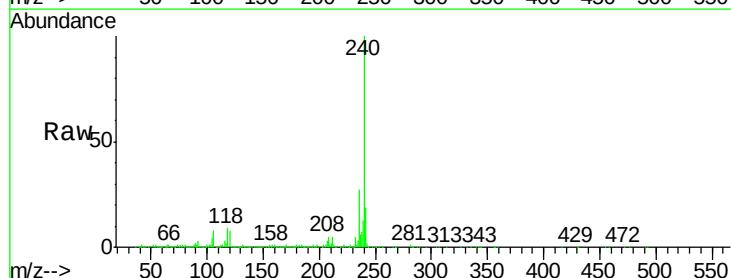
Tgt Ion:240 Resp: 993683

Ion Ratio Lower Upper

240 100

120 8.2 4.1 6.1#

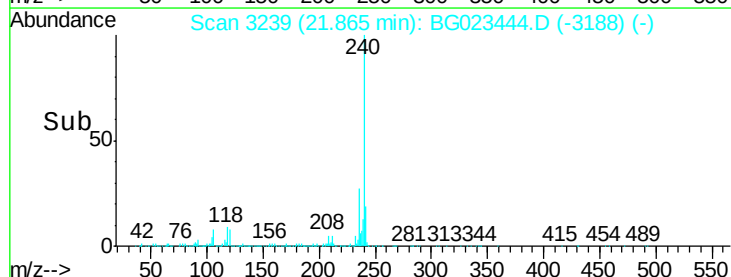
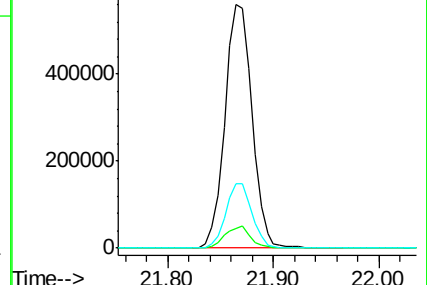
236 26.7 21.1 31.7

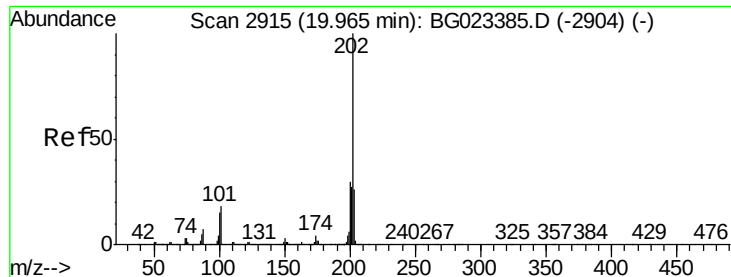


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

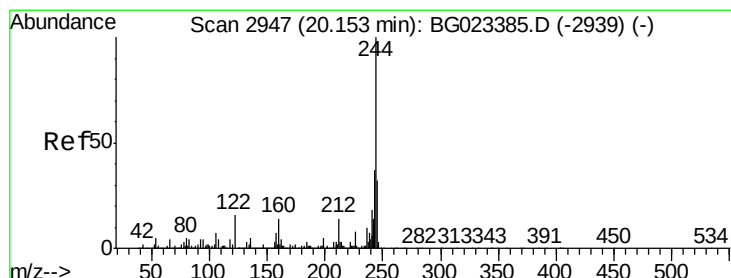
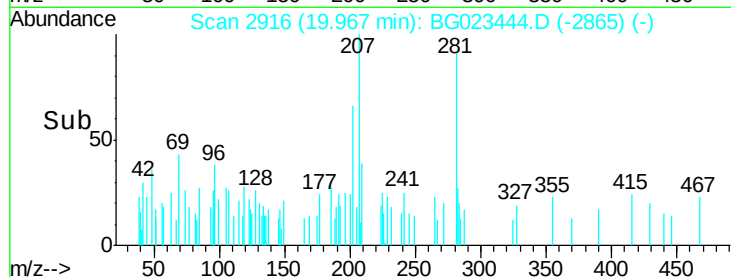
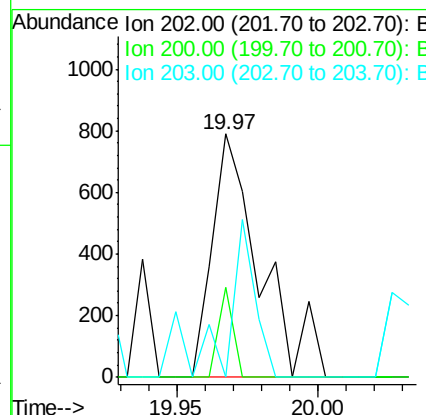
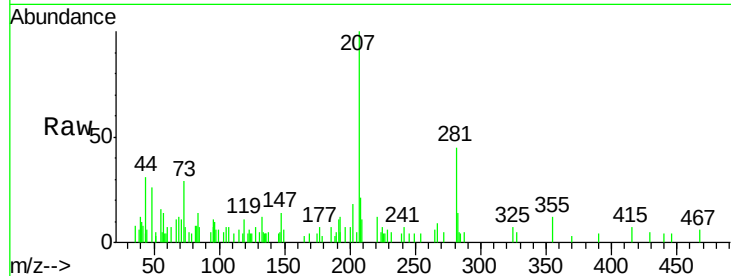




#77
 Pvrene
 Concen: Below Cal
 RT: 19.97 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: BG023444.D
 Acq: 4 Aug 2016 8:38

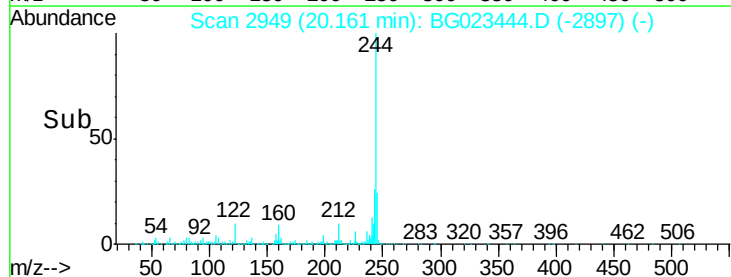
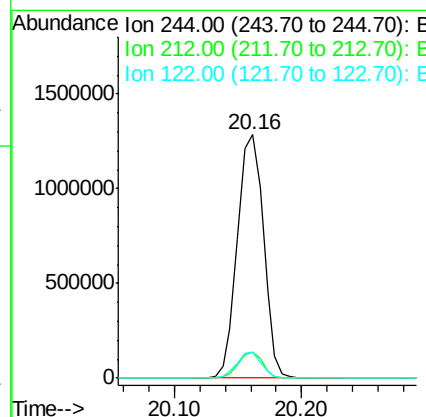
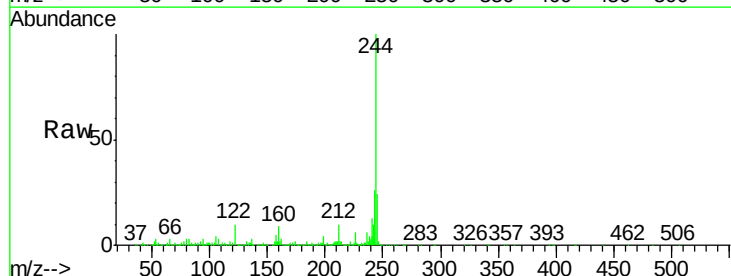
Instrument :
 BNA_G
 ClientSampleId :
 SB-58-14.0-15.0RE

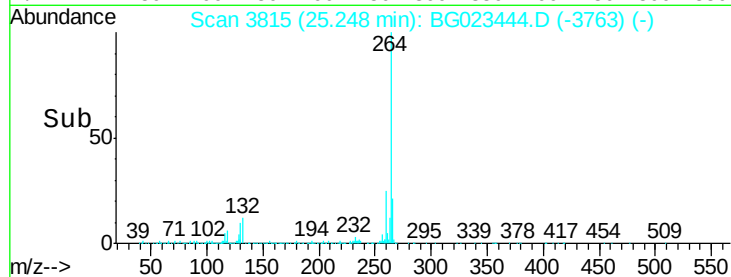
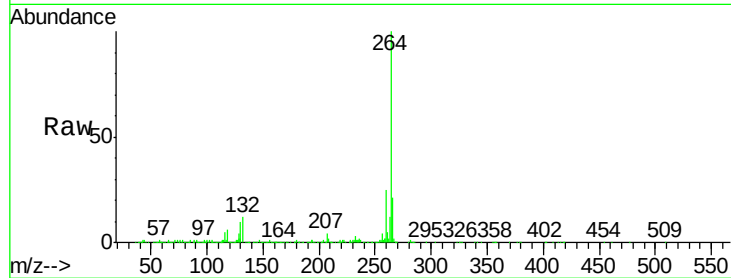
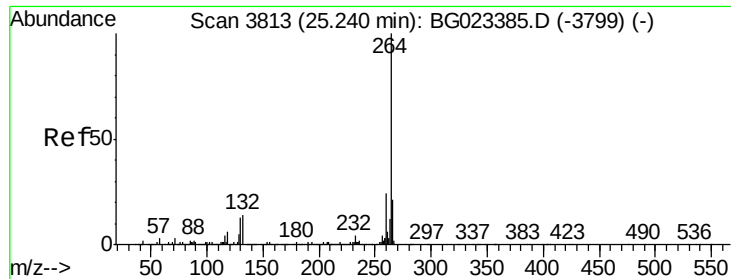
Tot Ion	Ratio	Lower	Upper
202	100		
200	36.8	21.2	31.8#
203	0.0	16.8	25.2#



#78
 Terphenyl-d14
 Concen: 49.68 ng
 RT: 20.16 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: BG023444.D
 Acq: 4 Aug 2016 8:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	10.5	8.0	12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BG023444.D
Acq: 4 Aug 2016 8:38

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	21.0	18.9	28.3

