

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023445.D
 Acq On : 4 Aug 2016 9:18
 Operator : UM/SJ
 Sample : PB92660BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BL

Quant Time: Aug 04 16:10:33 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

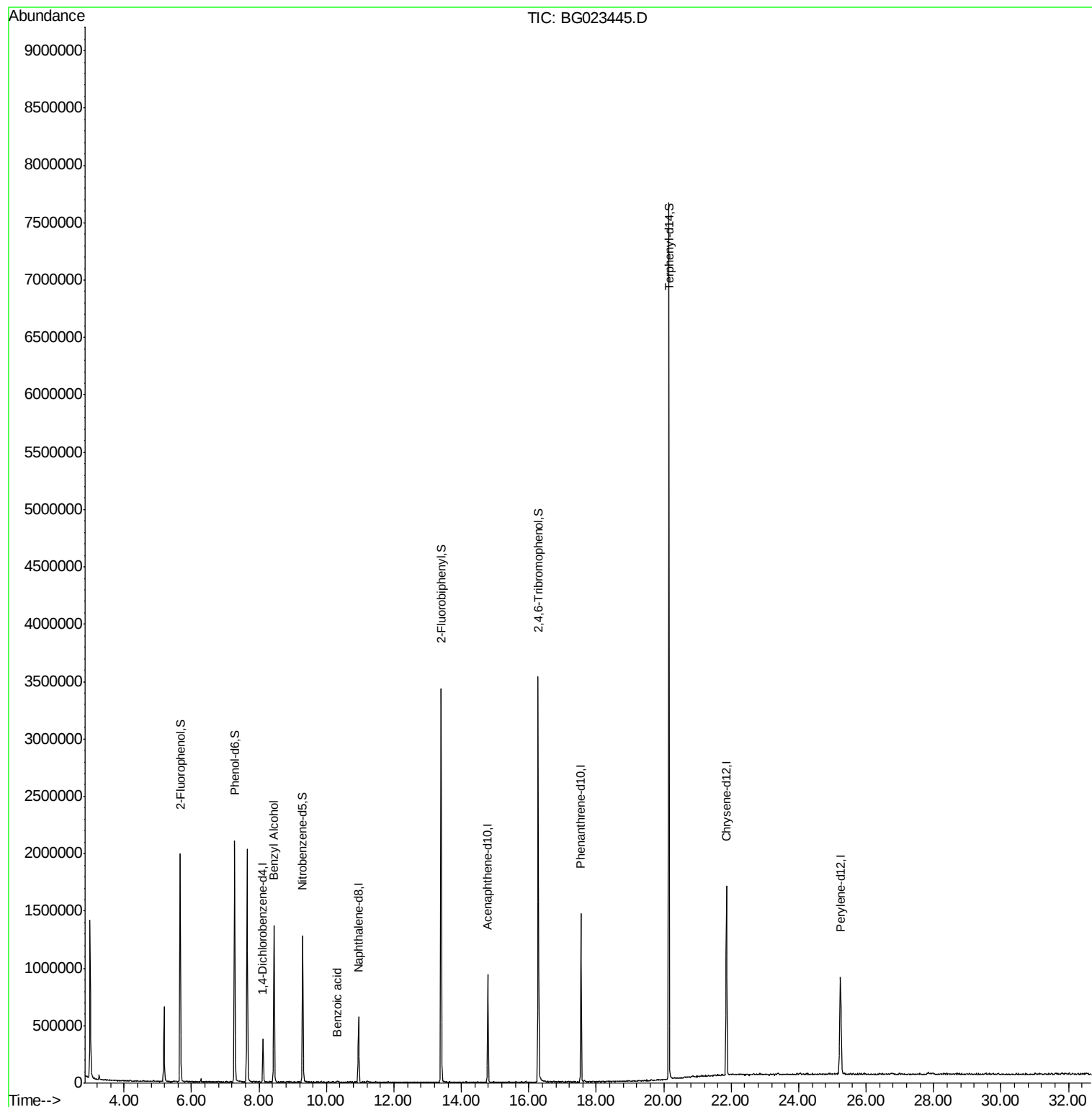
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	102731	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	464553	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	334333	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	916251	20.00	ng	0.00
75) Chrysene-d12	21.86	240	998519	20.00	ng	0.00
86) Perylene-d12	25.24	264	945300	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	859697	140.86	ng	0.00
7) Phenol-d6	7.28	99	1280091	134.66	ng	0.00
23) Nitrobenzene-d5	9.29	82	818875	87.63	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	662594	135.49	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1757275	88.65	ng	0.00
78) Terphenyl-d14	20.15	244	2928281	93.74	ng	0.00
Target Compounds						
9) Benzaldehyde	7.27	77	2761	Below Cal	#	8
15) Benzyl Alcohol	8.45	79	15288	2.12	ng	72
32) Benzoic acid	10.33	122	63	6.45	ng	1
73) Di-n-butylphthalate	18.50	149	1883	Below Cal	#	84
74) Fluoranthene	19.54	202	91	Below Cal	#	28
77) Pyrene	20.15	202	16910	Below Cal	#	77

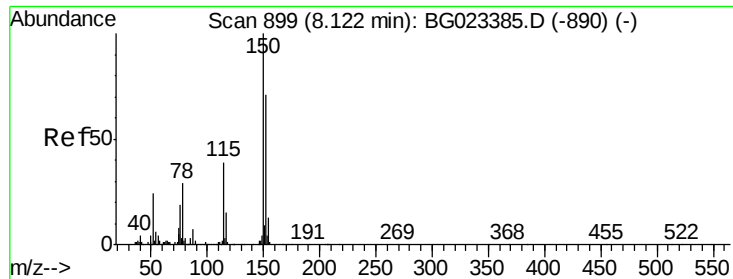
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

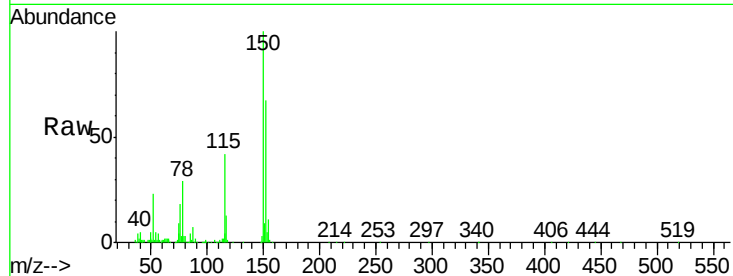
Tot Ion:152 Resp: 102731

Ion Ratio Lower Upper

152 100

150 148.2 144.7 217.1

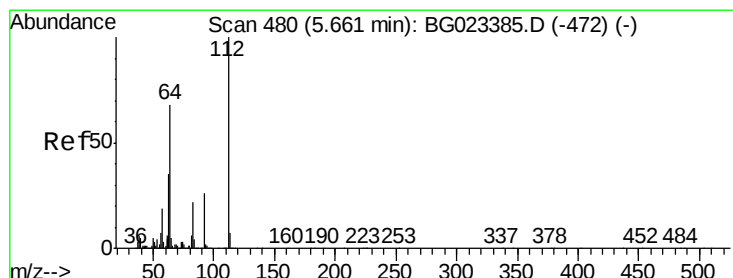
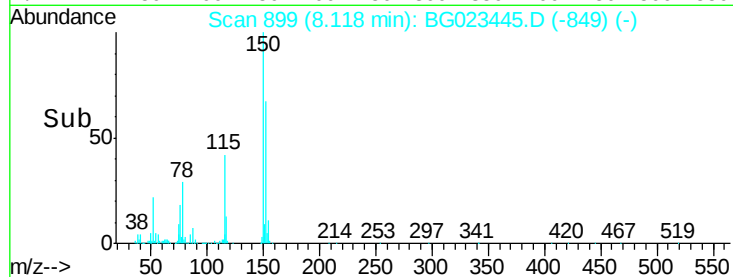
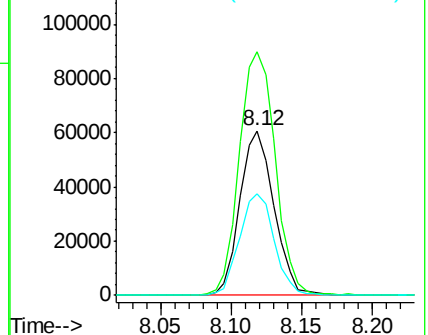
115 62.1 64.0 96.0#



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: 140.86 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

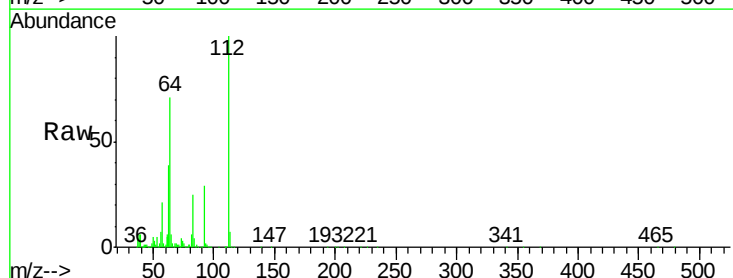
Tgt Ion:112 Resp: 859697

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

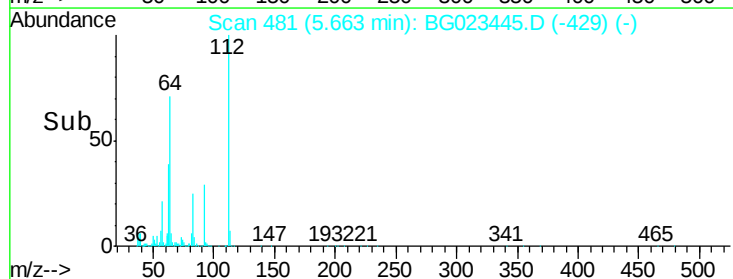
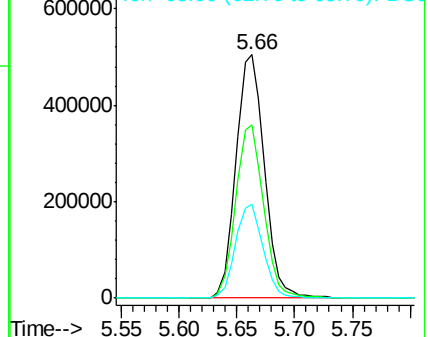
63 38.8 37.8 56.8

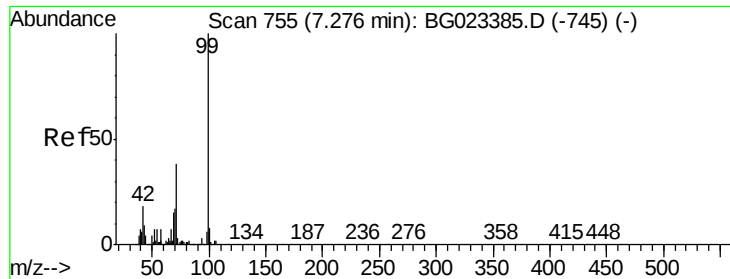


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.66 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

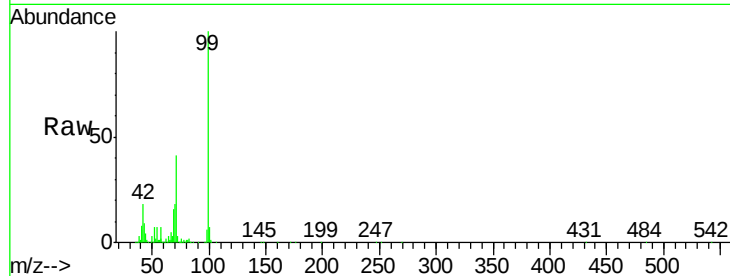
Tot Ion: 99 Resp: 1280091

Ion Ratio Lower Upper

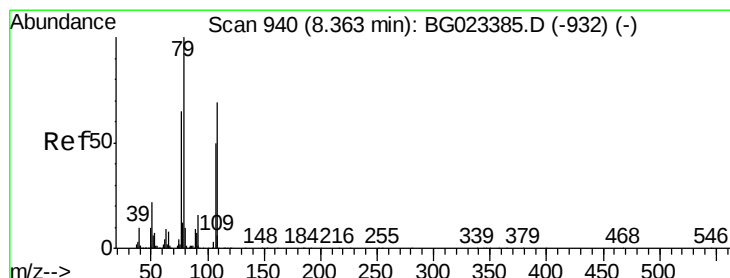
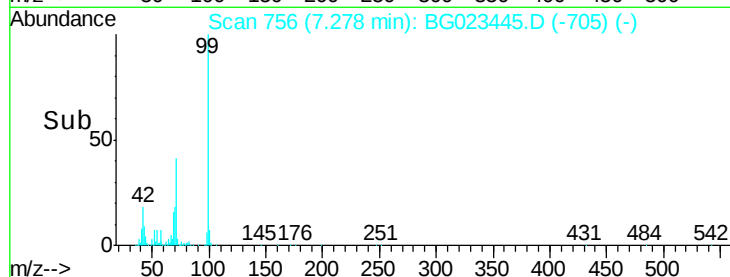
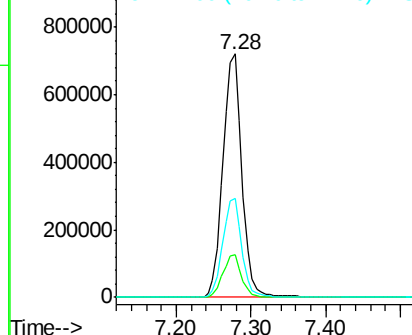
99 100

42 17.7 17.8 26.6#

71 40.7 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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.08 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

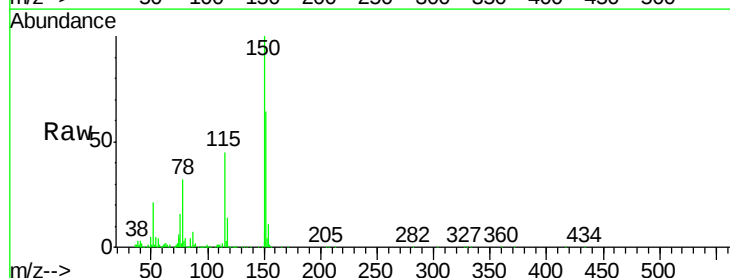
Tgt Ion: 79 Resp: 15288

Ion Ratio Lower Upper

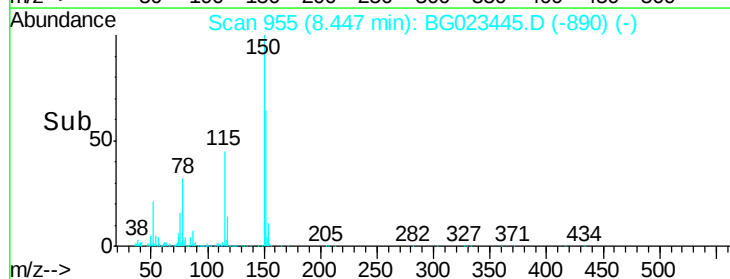
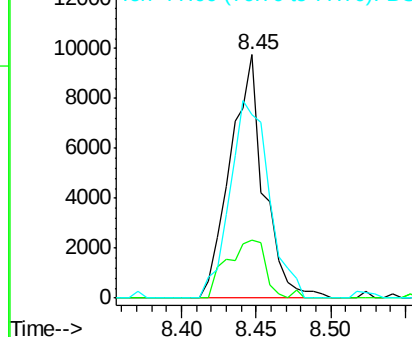
79 100

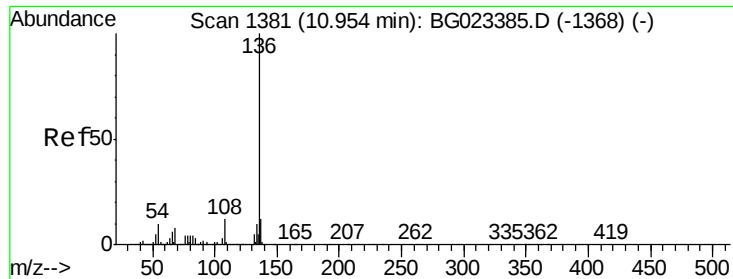
108 23.6 46.5 69.7#

77 75.4 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

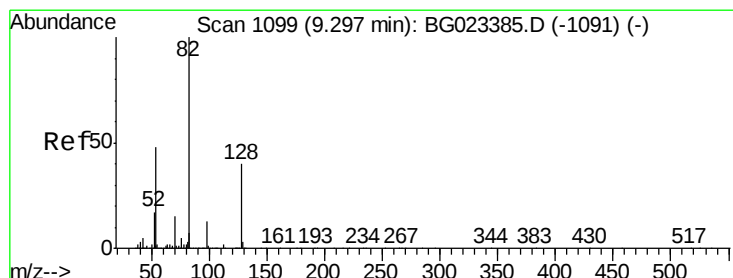
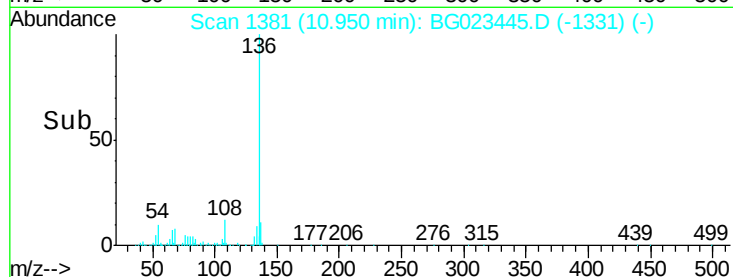
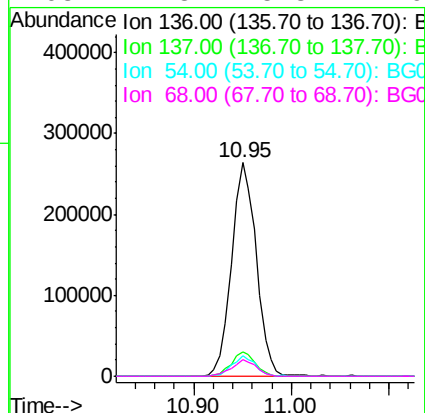
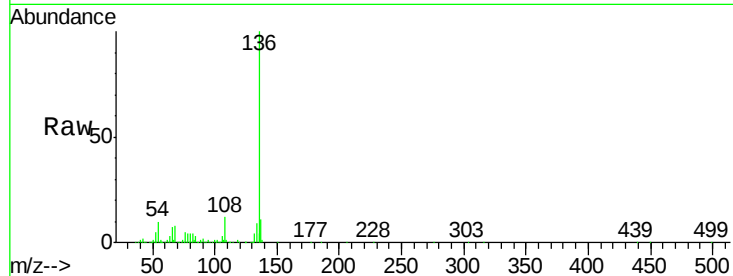




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023445.D
Acq: 4 Aug 2016 9:18

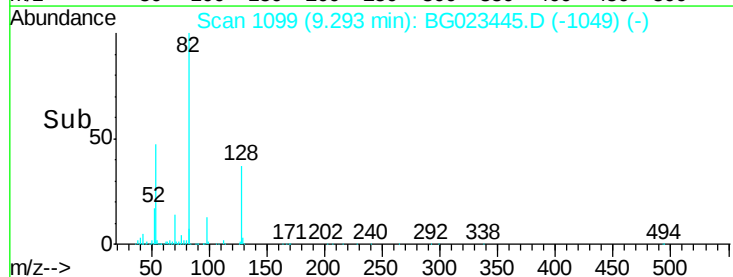
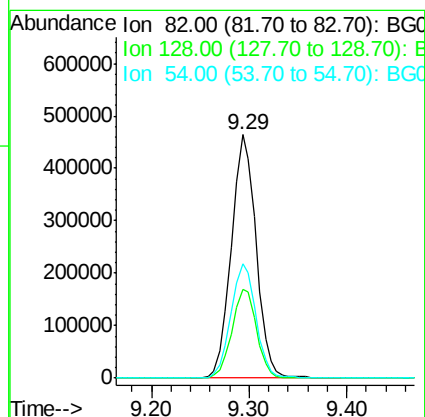
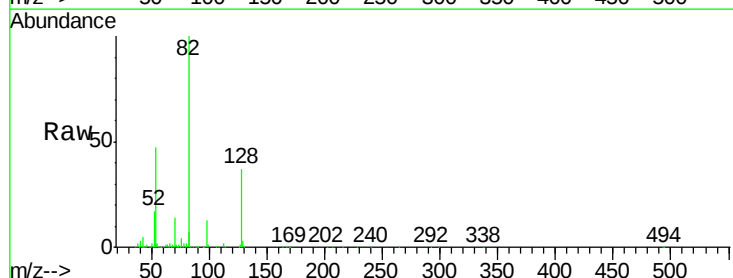
Instrument :
BNA_G
ClientSampleId :
PB92660BL

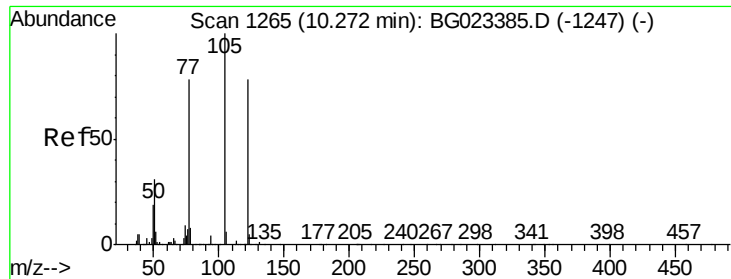
Tot Ion:136	Resp:	464553
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	9.7	7.3 10.9
68	7.8	5.3 7.9



#23
Nitrobenzene-d5
Concen: 87.63 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023445.D
Acq: 4 Aug 2016 9:18

Tgt Ion: 82	Resp:	818875
Ion Ratio	Lower	Upper
82	100	
128	36.5	24.4 36.6
54	47.0	41.4 62.0

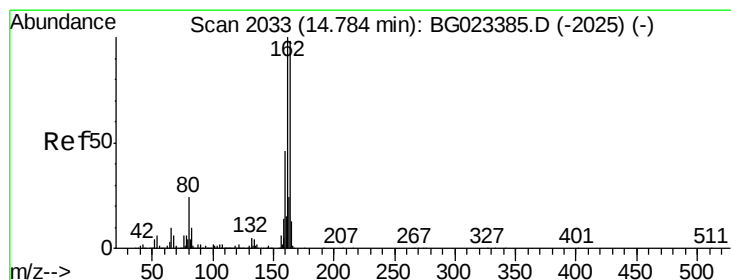
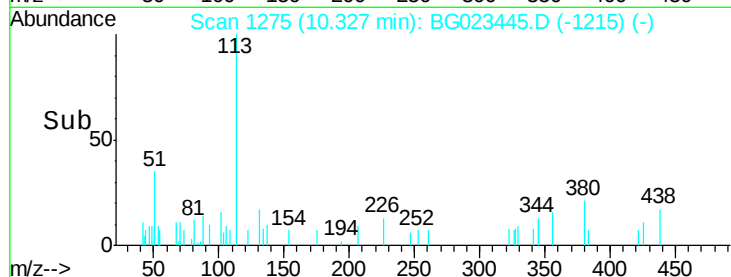
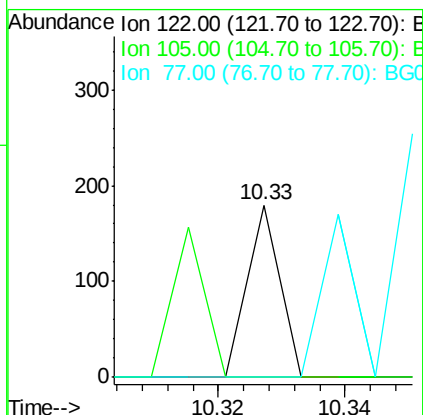
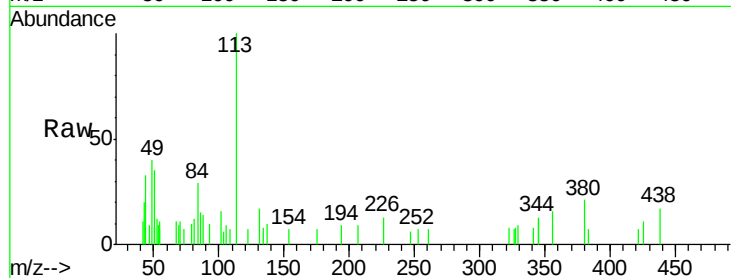




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.06 min
Lab File: BG023445.D
Acq: 4 Aug 2016 9:18

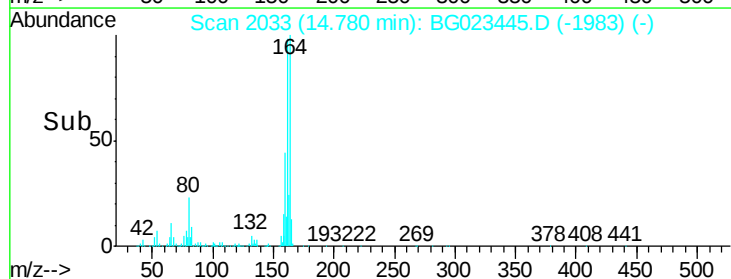
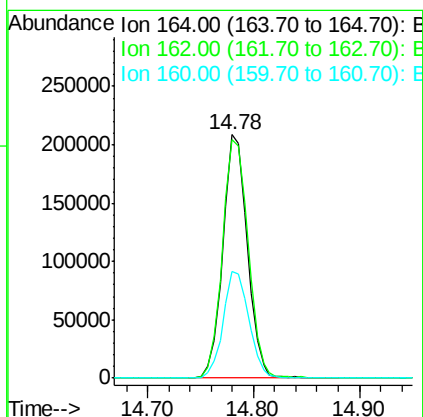
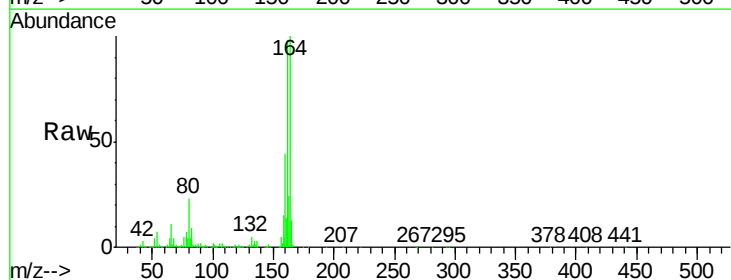
Instrument :
BNA_G
ClientSampleId :
PB92660BL

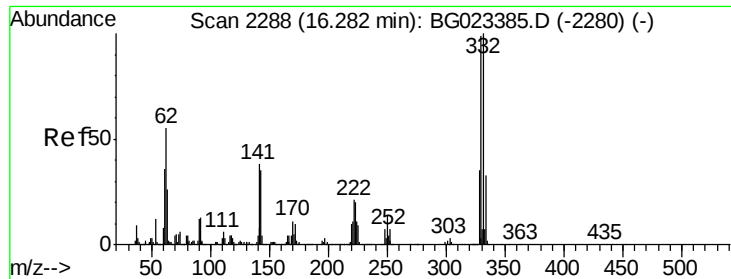
Tot Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023445.D
Acq: 4 Aug 2016 9:18

Tgt Ion:164 Resp: 334333
Ion Ratio Lower Upper
164 100
162 97.9 87.7 131.5
160 44.1 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 135.49 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

Instrument :

BNA_G

ClientSampled :

PB92660BL

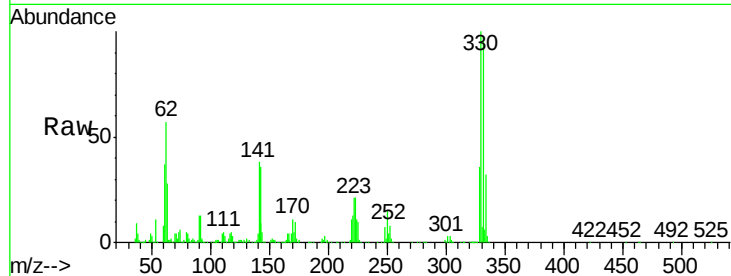
Tot Ion:330 Resp: 662594

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

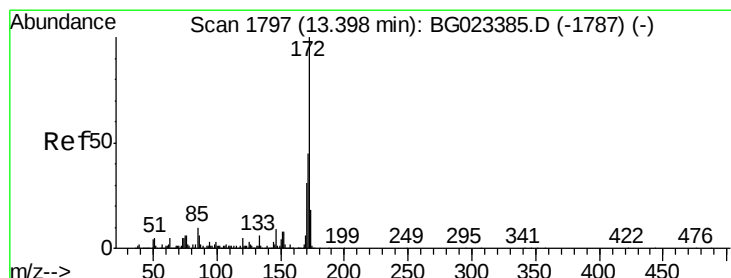
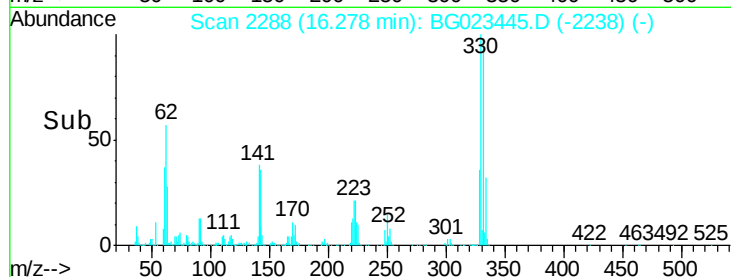
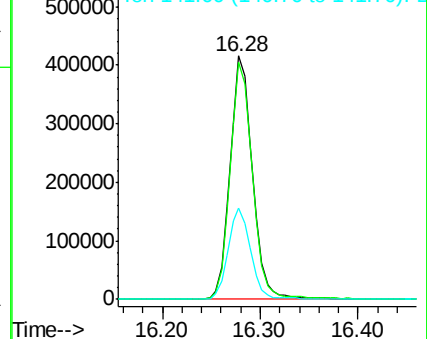
141 37.6 31.7 47.5



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: 88.65 ng

RT: 13.40 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

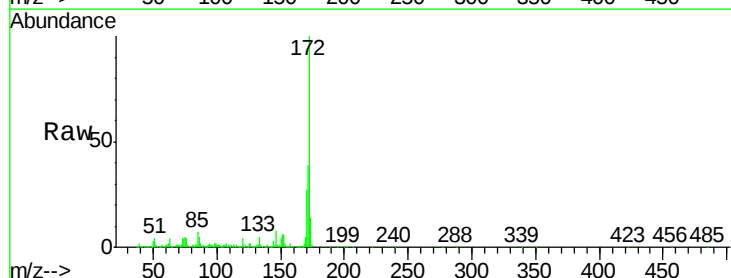
Tgt Ion:172 Resp: 1757275

Ion Ratio Lower Upper

172 100

171 39.2 31.6 47.4

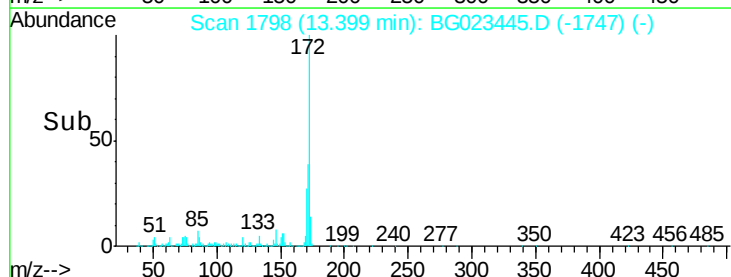
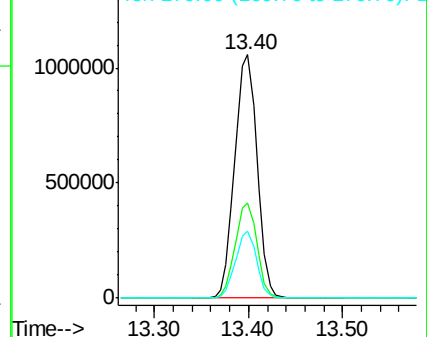
170 27.3 21.3 31.9

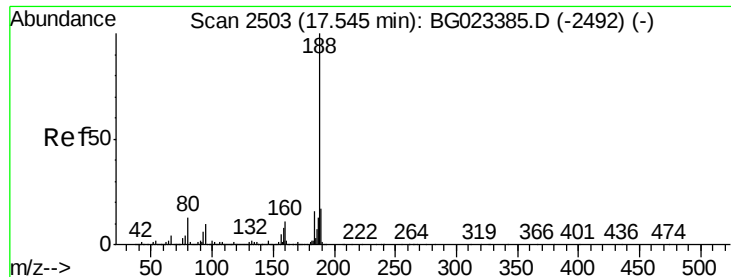


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

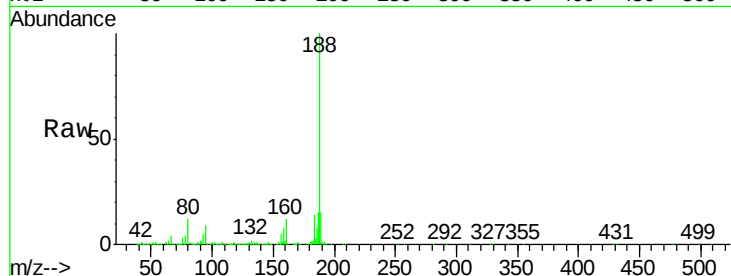
Tot Ion:188 Resp: 916251

Ion Ratio Lower Upper

188 100

94 9.3 5.2 7.8#

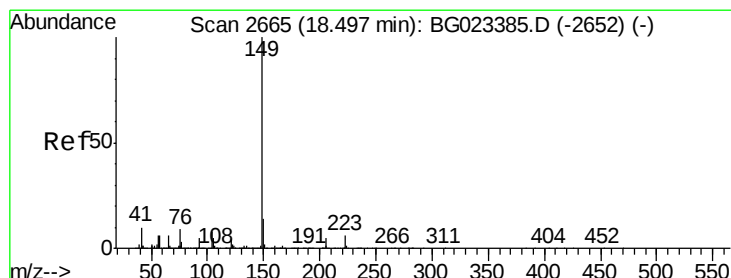
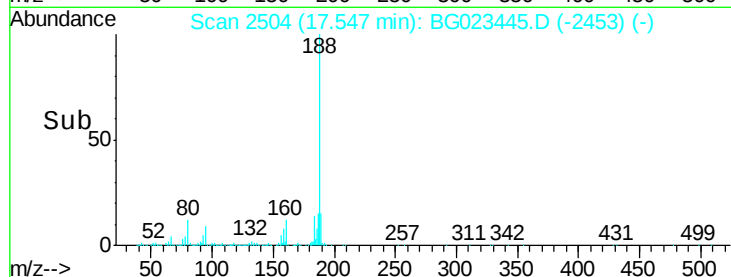
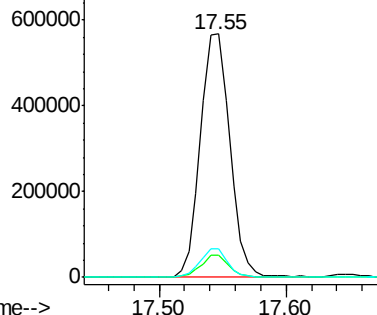
80 11.5 7.2 10.8#



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: 18.50 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

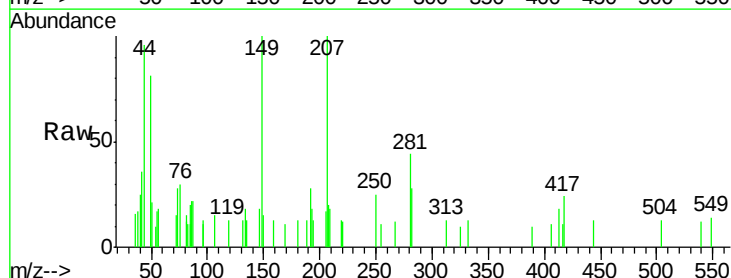
Tgt Ion:149 Resp: 1883

Ion Ratio Lower Upper

149 100

150 15.2 9.1 13.7#

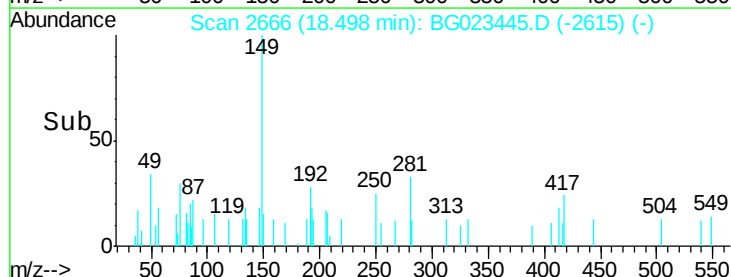
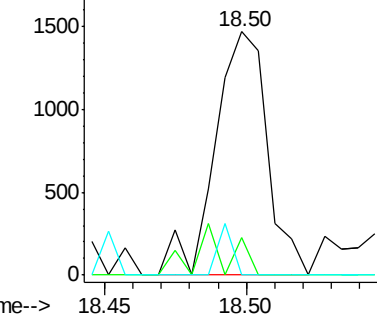
104 0.0 6.9 10.3#

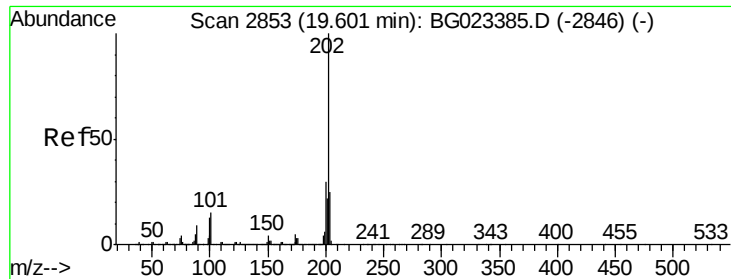


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.54 min Scan# 2844

Delta R.T. -0.06 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

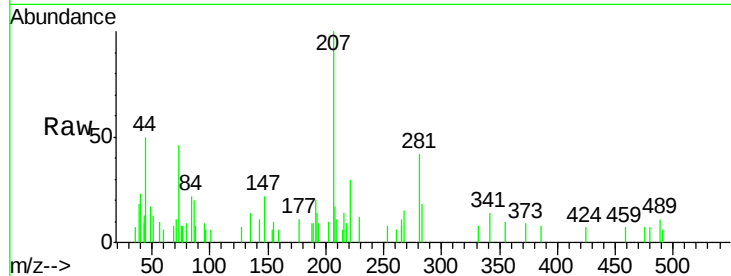
Instrument :

BNA_G

ClientSampleId :

PB92660BL

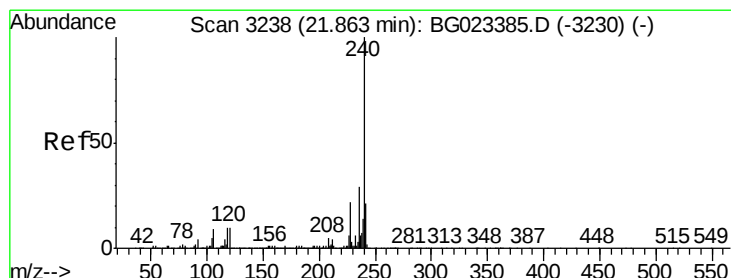
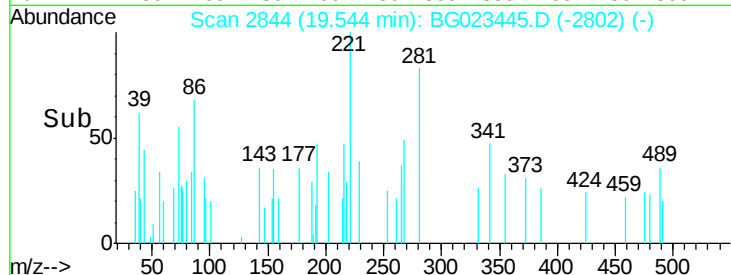
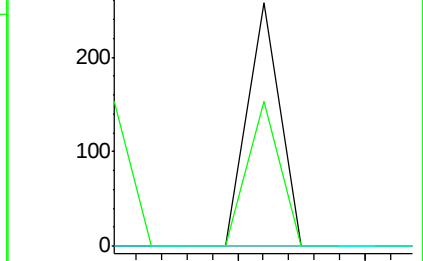
Tot Ion:	202	Resp:	91
Ion Ratio	Lower	Upper	
202	100		
101	59.7	0.0	27.4#
203	0.0	1.7	41.7#



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

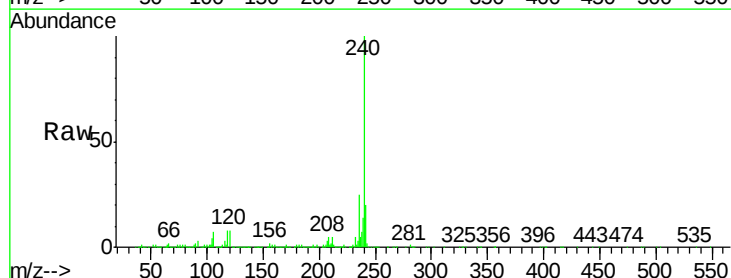
RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

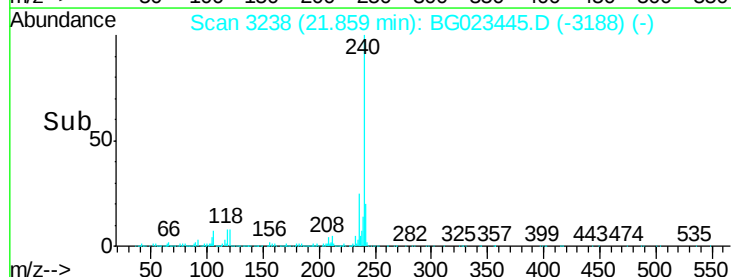
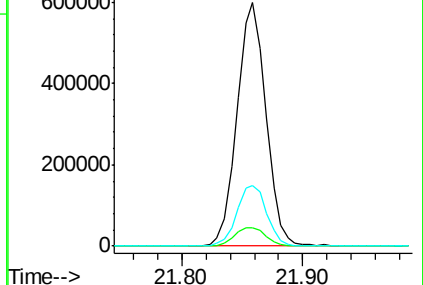
Tgt Ion:	240	Resp:	998519
Ion Ratio	Lower	Upper	
240	100		
120	7.5	4.1	6.1#
236	25.1	21.1	31.7

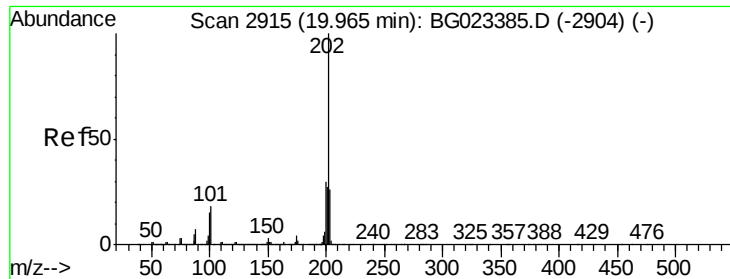


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: Below Cal

RT: 20.15 min Scan# 2948

Delta R.T. 0.19 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

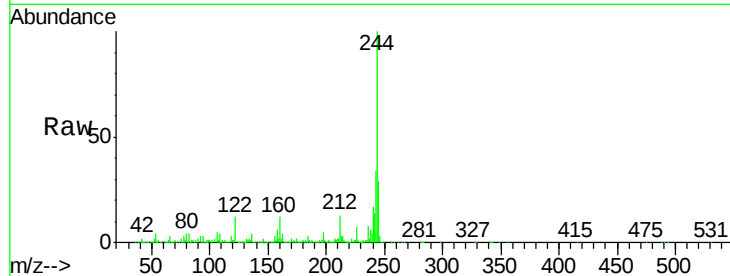
Tot Ion:202 Resp: 16910

Ion Ratio Lower Upper

202 100

200 45.0 21.2 31.8#

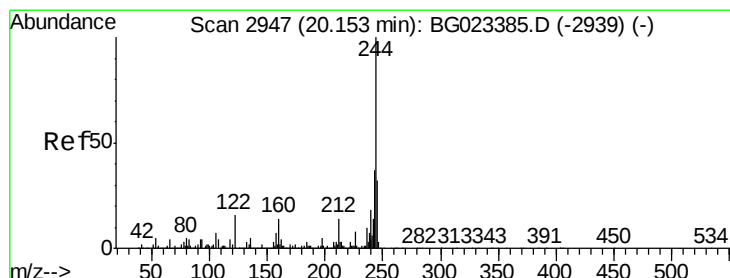
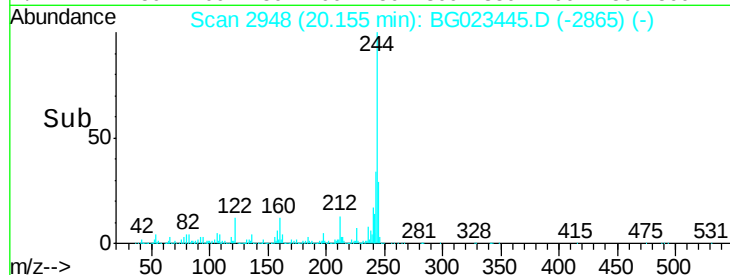
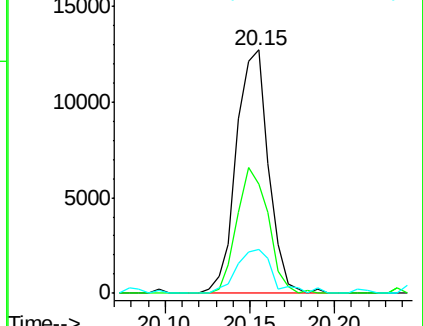
203 17.8 16.8 25.2



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: 93.74 ng

RT: 20.15 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023445.D

Acq: 4 Aug 2016 9:18

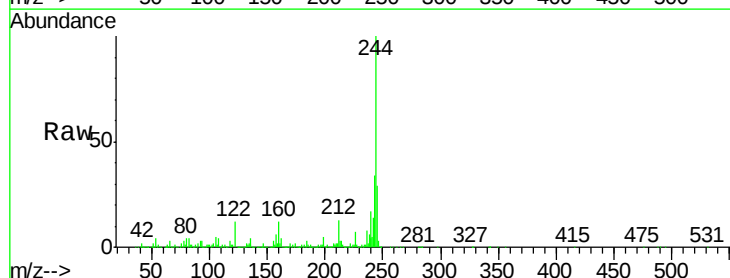
Tgt Ion:244 Resp: 2928281

Ion Ratio Lower Upper

244 100

212 13.0 10.8 16.2

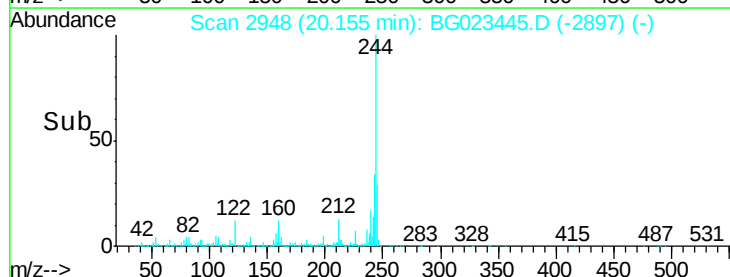
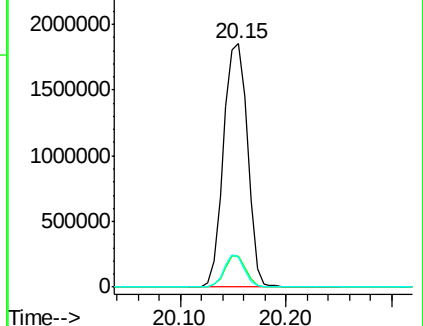
122 12.3 8.0 12.0#

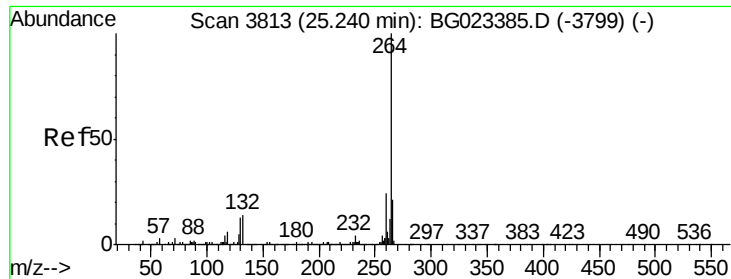


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.00 min
 Lab File: BG023445.D
 Acq: 4 Aug 2016 9:18

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.3	18.9	28.3

