

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023146.D
 Acq On : 16 Jul 2016 14:20
 Operator : UM/SJ
 Sample : H4017-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-13

Quant Time: Jul 18 01:51:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

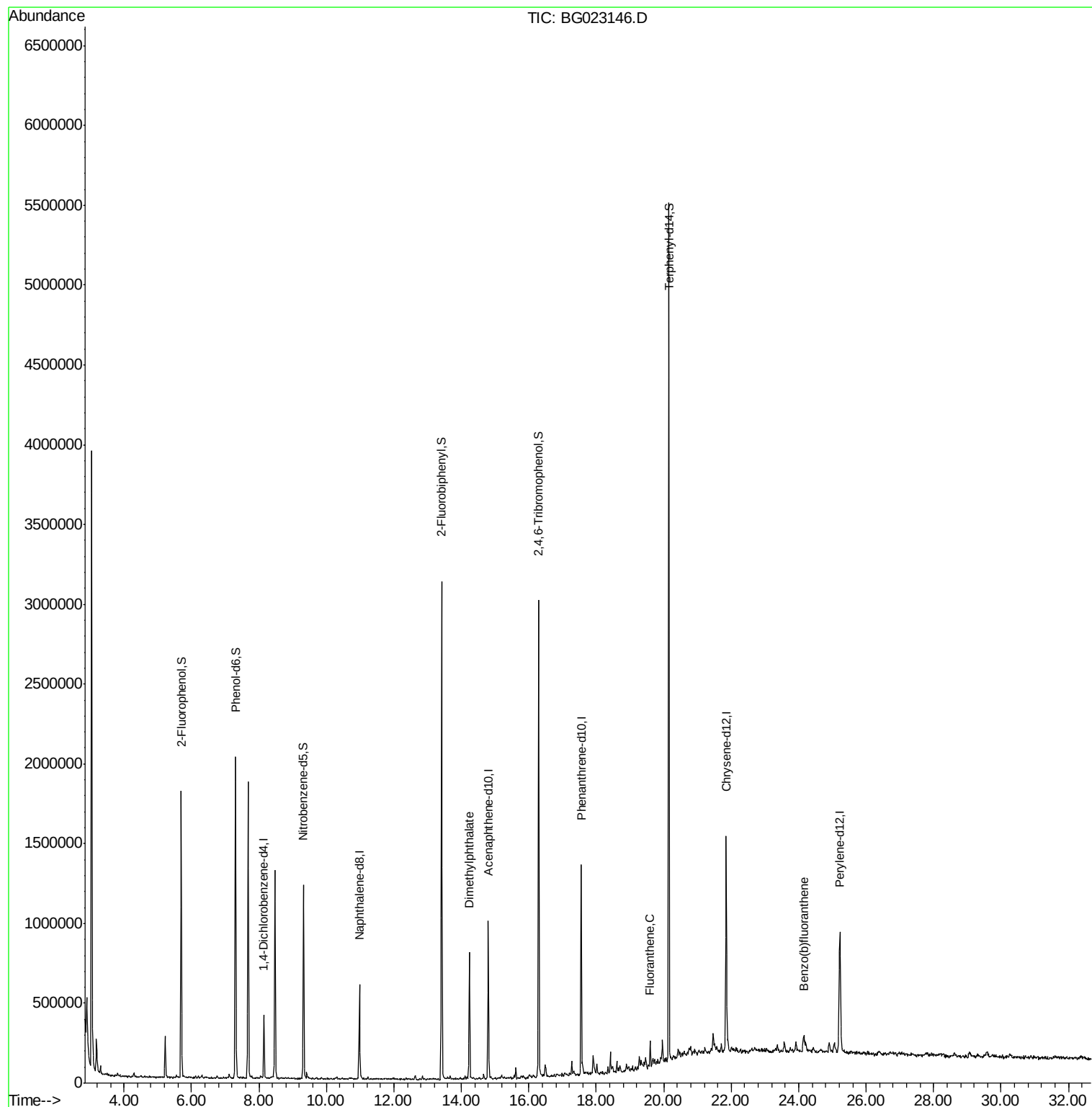
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	101036	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	468752	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	343057	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	804694	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	866512	20.00	ng	0.00
86) Perylene-d12	25.22	264	874660	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	700508	113.39	ng	0.00
7) Phenol-d6	7.31	99	1100960	113.79	ng	0.00
23) Nitrobenzene-d5	9.32	82	801802	73.24	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	539533	87.51	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1532383	70.36	ng	0.00
78) Terphenyl-d14	20.15	244	2057316	70.55	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	512254	18.28	ng	98
74) Fluoranthene	19.60	202	100087	2.07	ng	98
87) Benzo(b)fluoranthene	24.15	252	115538	2.29	ng	# 99

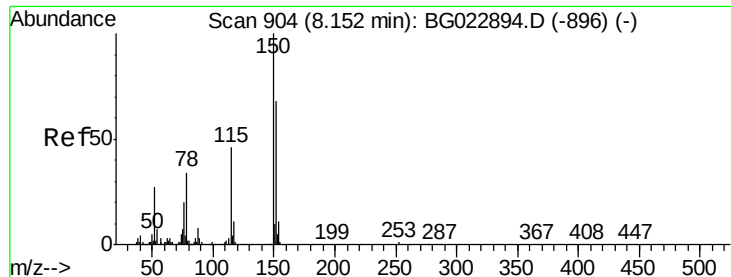
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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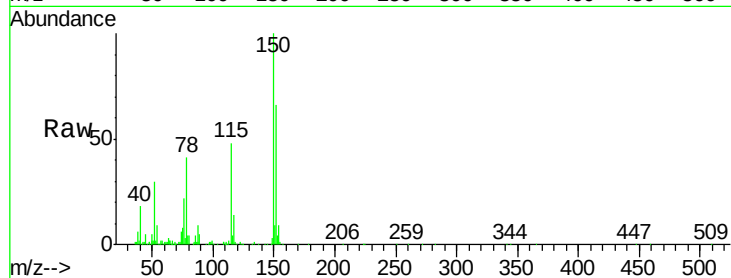


#1

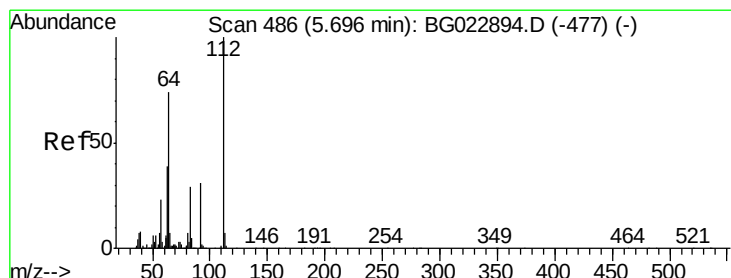
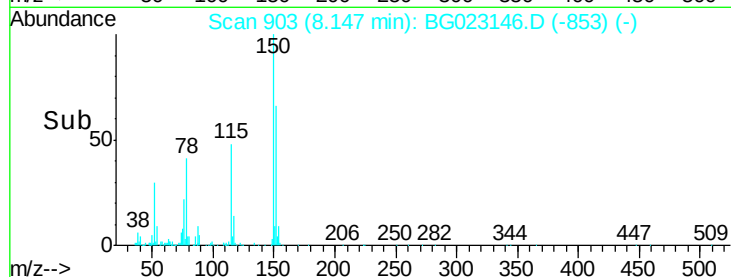
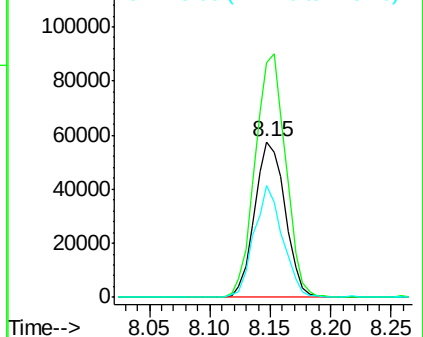
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.0	144.7	217.1
115	72.2	64.0	96.0



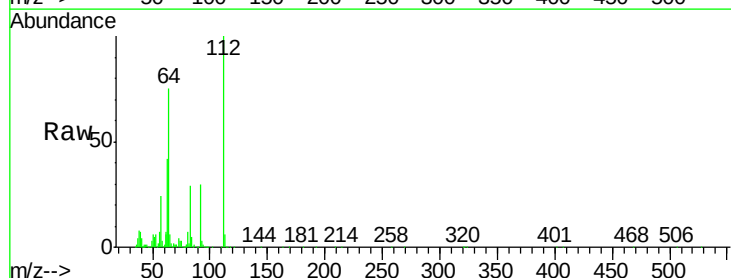
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



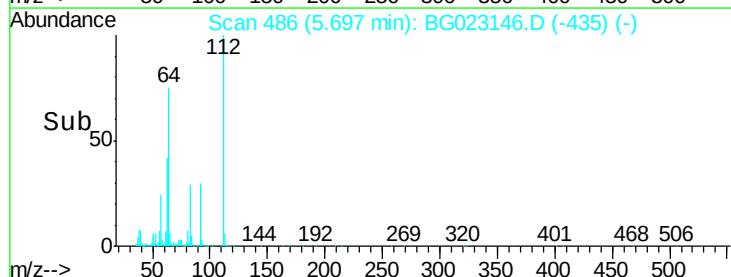
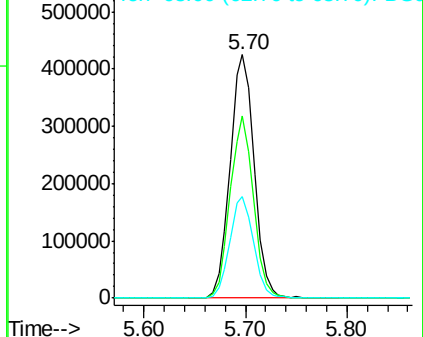
#5

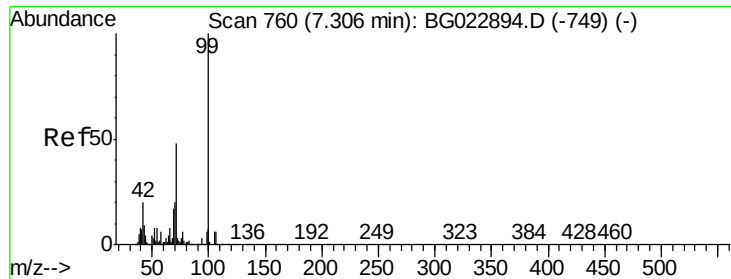
2-Fluorophenol
Concen: 113.39 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	41.8	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: 113.79 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

Instrument :

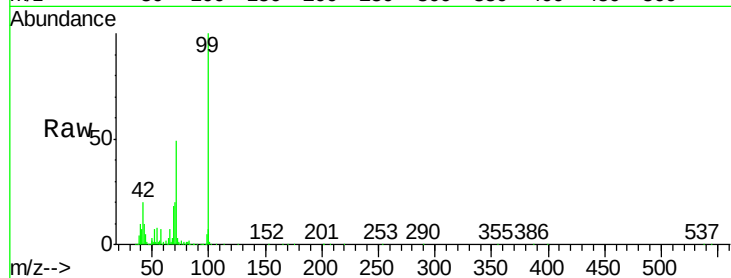
BNA_G

ClientSampleId :

C5-13

Tgt Ion: 99 Resp: 1100960

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	48.7	41.5	62.3

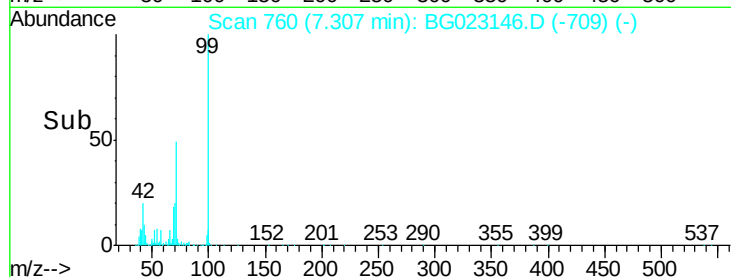
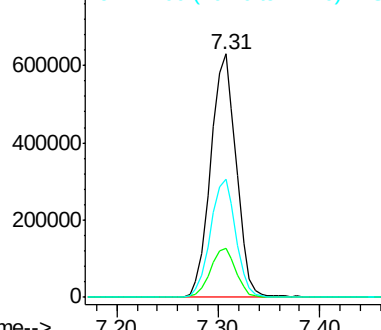


Abundance

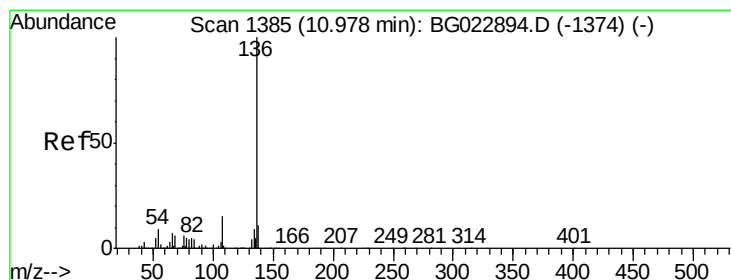
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

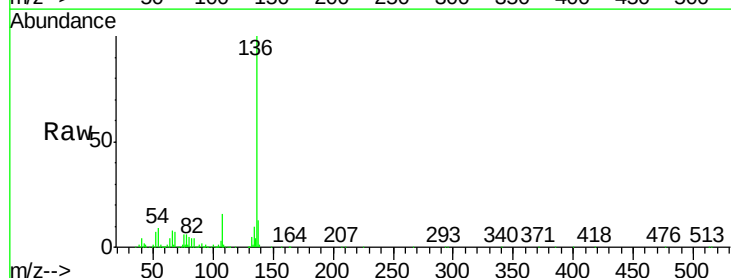
Delta R.T. 0.00 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

Tgt Ion: 136 Resp: 468752

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.6	14.4
54	8.7	7.3	10.9
68	6.9	5.3	7.9



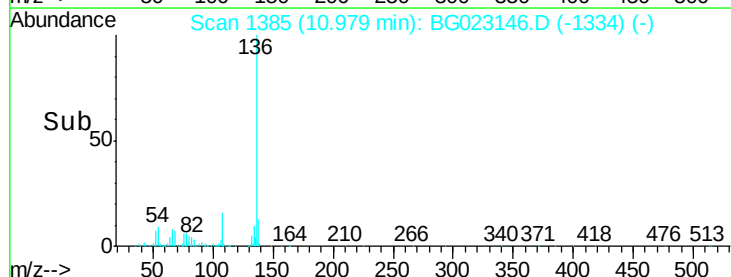
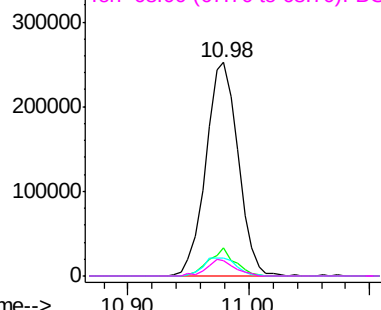
Abundance

Ion 136.00 (135.70 to 136.70): BGC

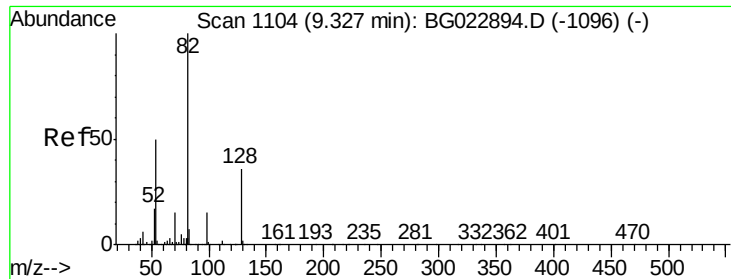
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



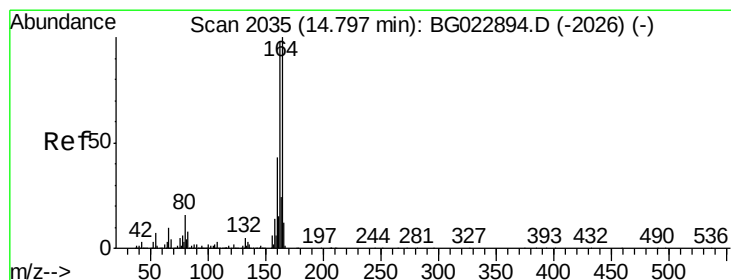
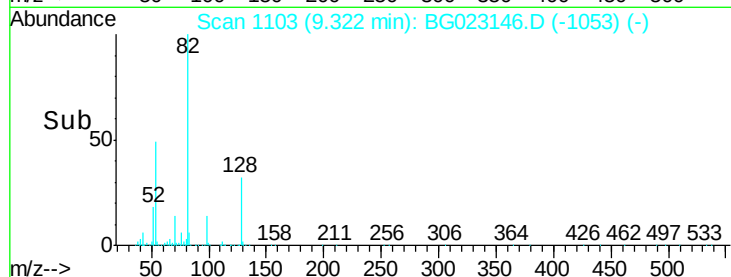
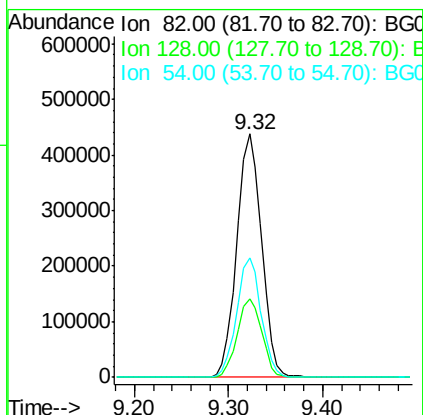
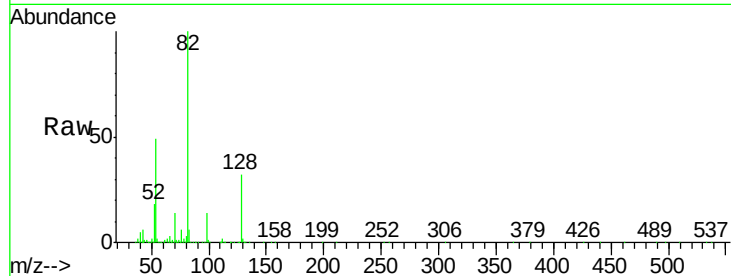
Time-->



#23
 Nitrobenzene-d5
 Concen: 73.24 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023146.D
 Acq: 16 Jul 2016 14:20

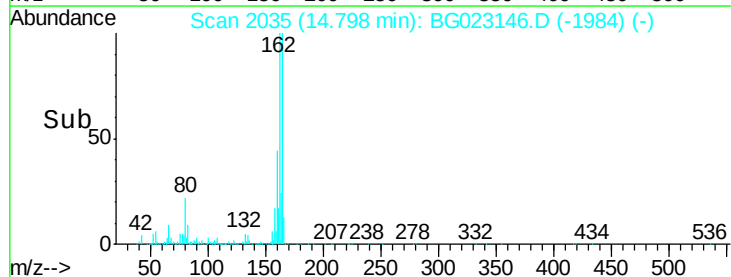
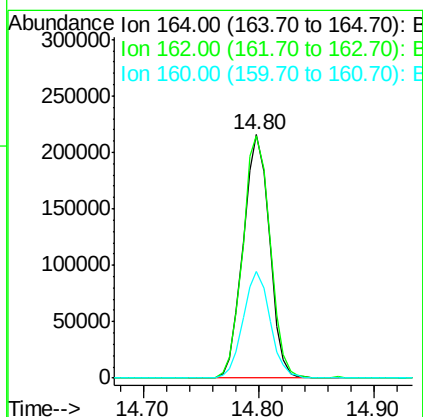
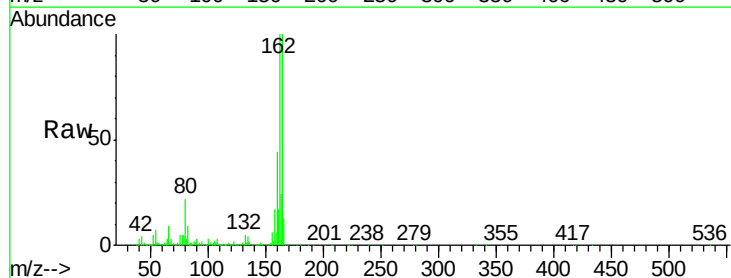
Instrument :
 BNA_G
 ClientSampleId :
 C5-13

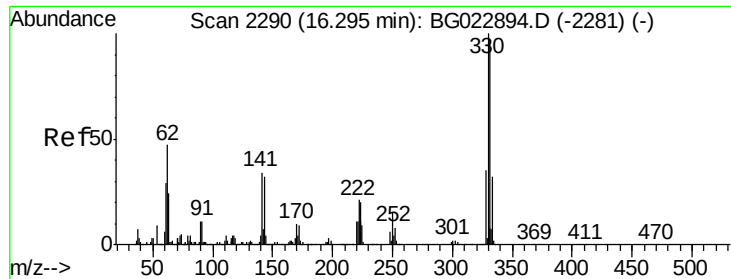
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	49.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023146.D
 Acq: 16 Jul 2016 14:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.7	131.5
160	44.0	37.2	55.8

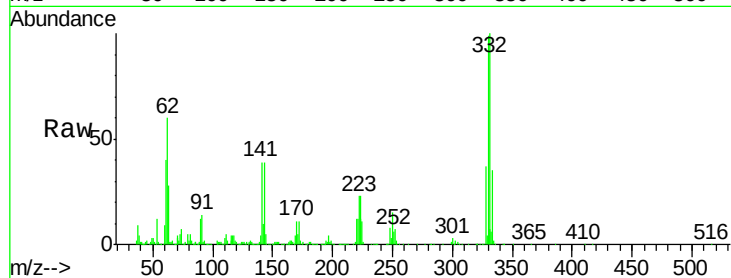




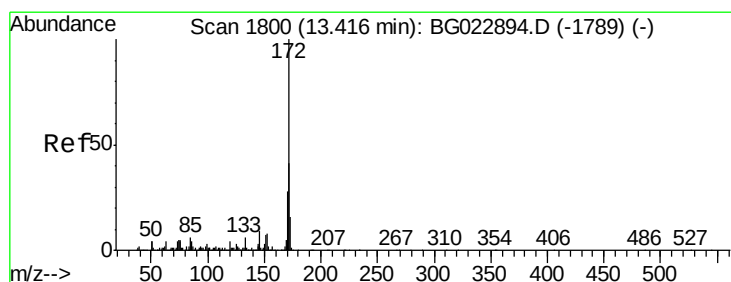
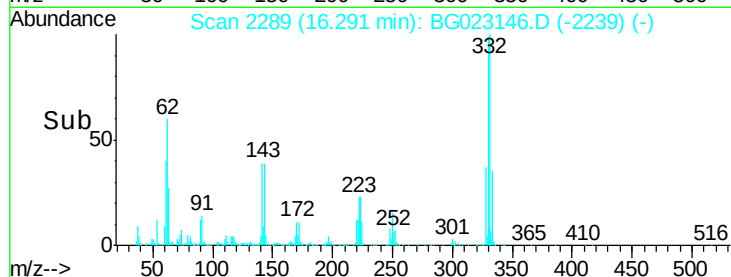
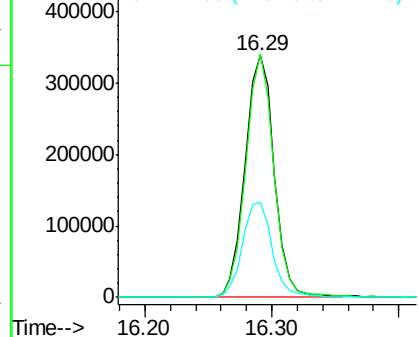
#41
 2,4,6-Tribromophenol
 Concen: 87.51 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG023146.D
 Acq: 16 Jul 2016 14:20

Instrument :
 BNA_G
 ClientSampled :
 C5-13

Tgt Ion:330 Resp: 539533
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 39.9 31.7 47.5

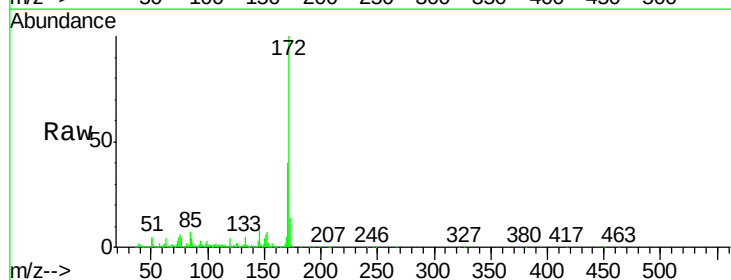


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

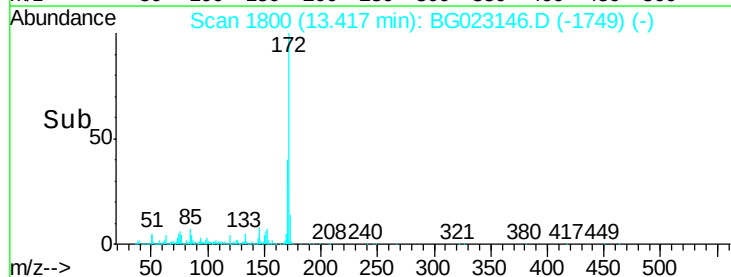
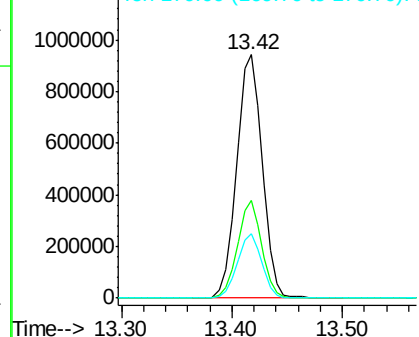


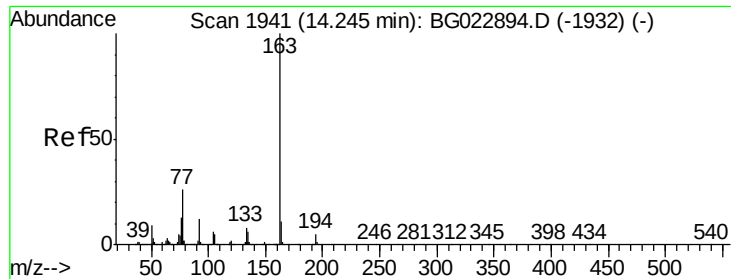
#44
 2-Fluorobiphenyl
 Concen: 70.36 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023146.D
 Acq: 16 Jul 2016 14:20

Tgt Ion:172 Resp: 1532383
 Ion Ratio Lower Upper
 172 100
 171 40.0 31.6 47.4
 170 26.2 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: 18.28 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

Instrument :

BNA_G

ClientSampleId :

C5-13

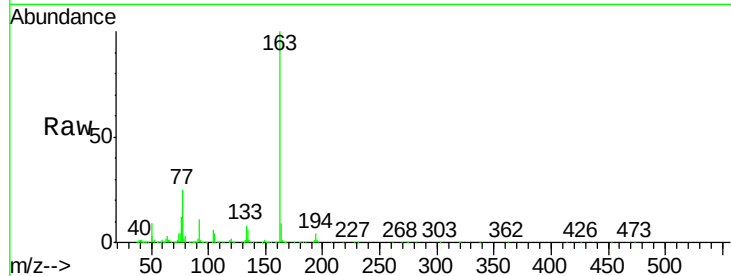
Tgt Ion:163 Resp: 512254

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

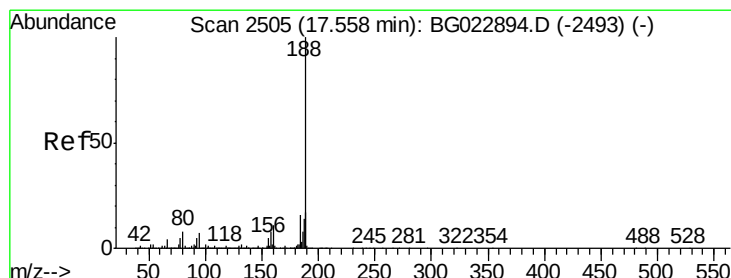
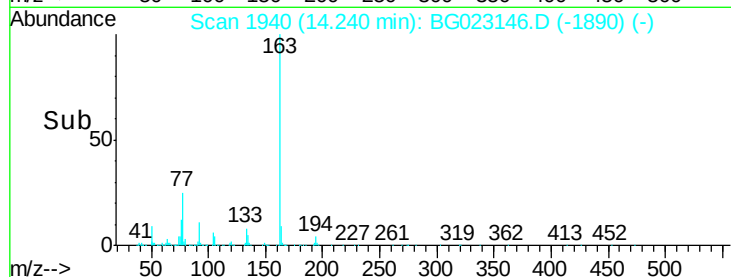
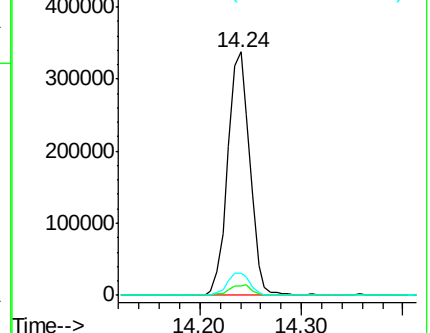
164 9.1 8.1 12.1



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# 2503

Delta R.T. -0.01 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

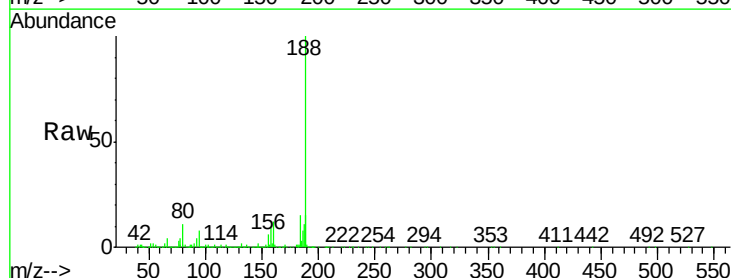
Tgt Ion:188 Resp: 804694

Ion Ratio Lower Upper

188 100

94 7.8 5.2 7.8#

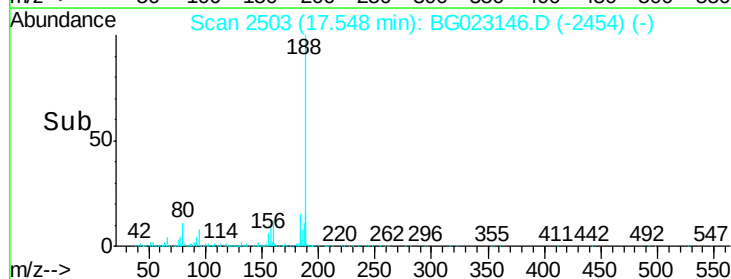
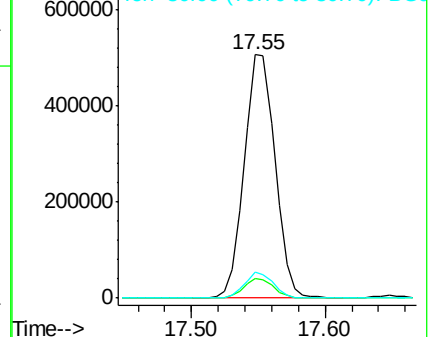
80 10.7 7.2 10.8

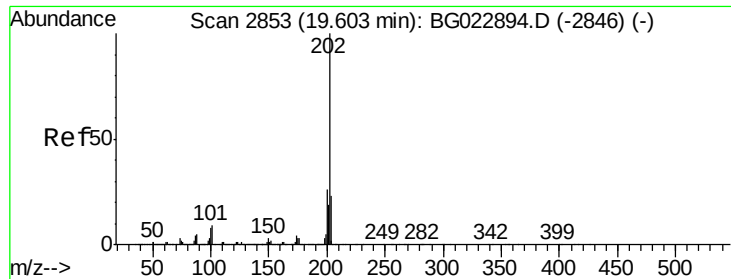


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 2.07 ng

RT: 19.60 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

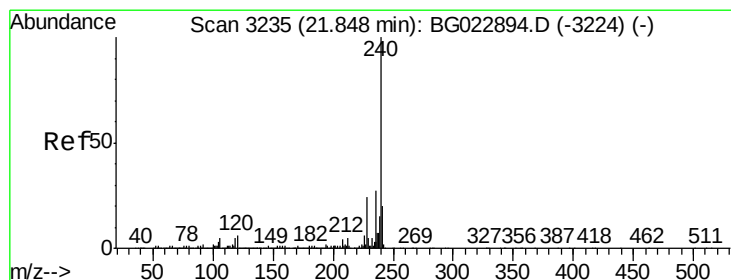
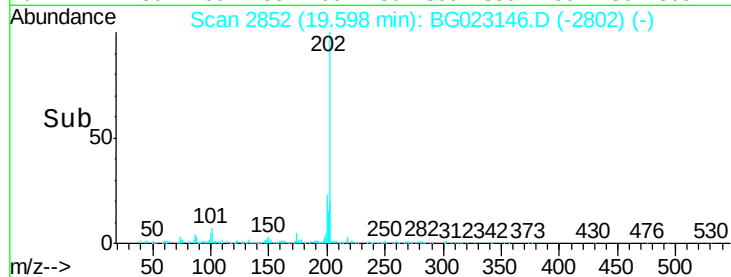
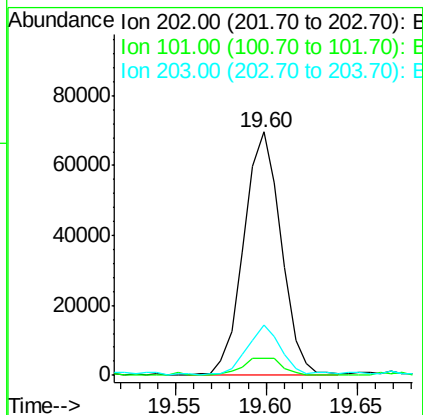
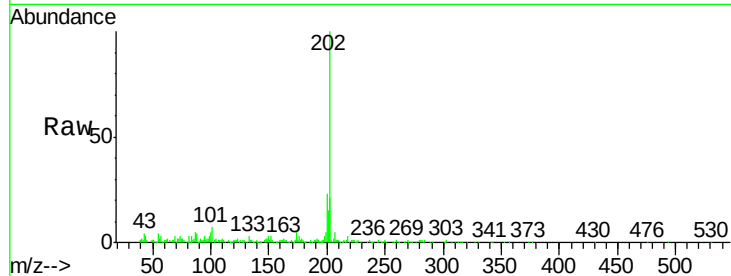
Instrument :

BNA_G

ClientSampleId :

C5-13

Tgt Ion:	202	Resp:	100087
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.4
203	20.9	1.7	41.7



#75

Chrysene-d12

Concen: 20.00 ng

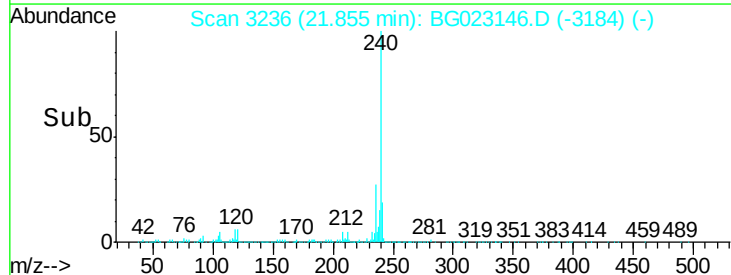
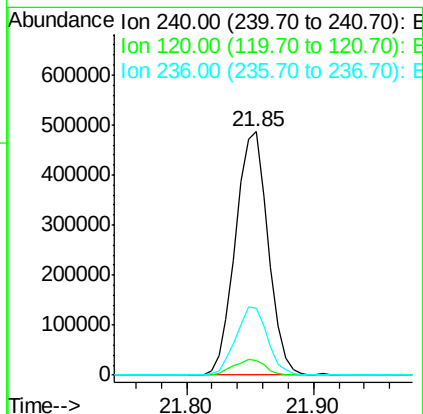
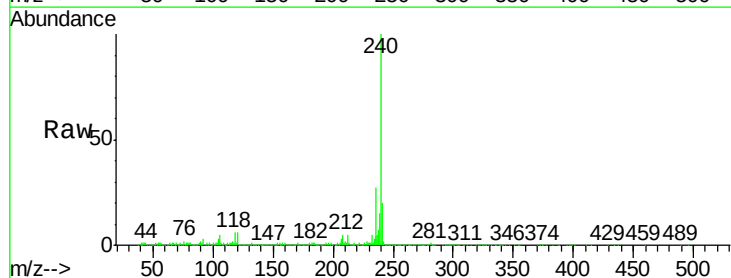
RT: 21.85 min Scan# 3236

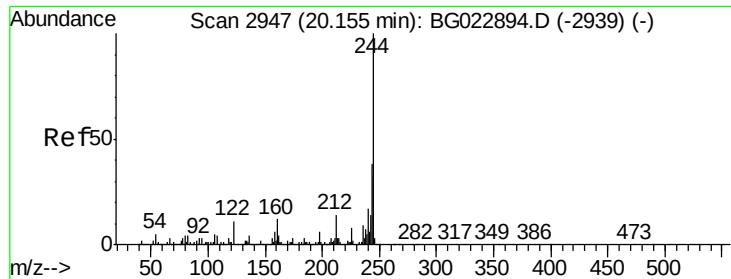
Delta R.T. 0.01 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

Tgt Ion:	240	Resp:	866512
Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.1	6.1
236	27.5	21.1	31.7





#78

Terphenyl-d14

Concen: 70.55 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

Instrument :

BNA_G

ClientSampleId :

C5-13

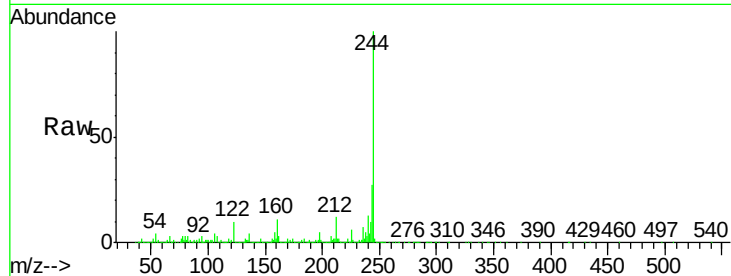
Tgt Ion:244 Resp: 2057316

Ion Ratio Lower Upper

244 100

212 11.8 10.8 16.2

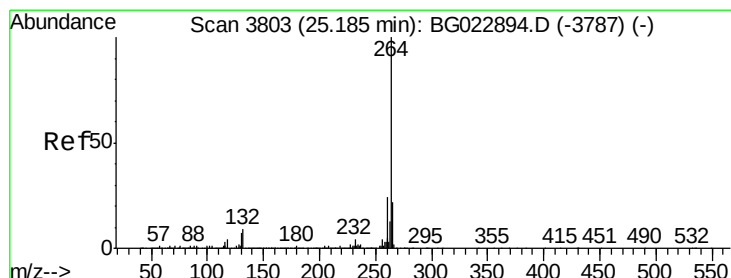
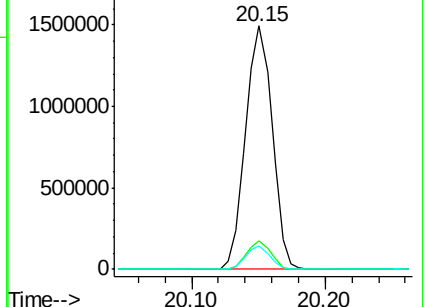
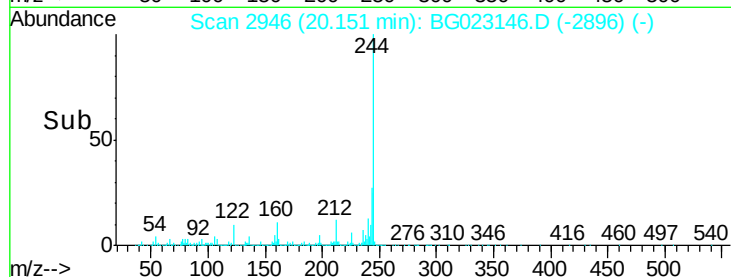
122 9.6 8.0 12.0



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: 25.22 min Scan# 3809

Delta R.T. 0.04 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

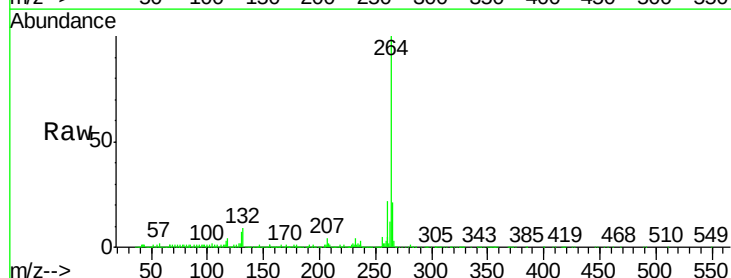
Tgt Ion:264 Resp: 874660

Ion Ratio Lower Upper

264 100

260 21.8 18.4 27.6

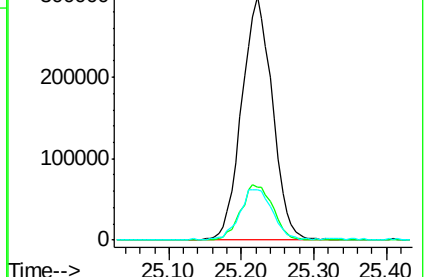
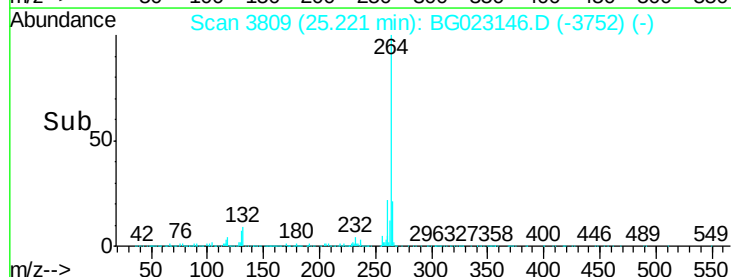
265 20.7 18.9 28.3

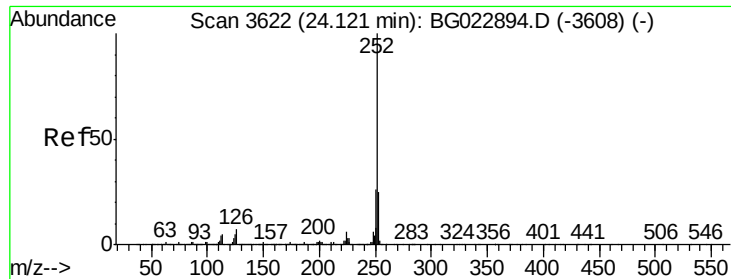


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.29 ng

RT: 24.15 min Scan# 3627

Delta R.T. 0.03 min

Lab File: BG023146.D

Acq: 16 Jul 2016 14:20

Instrument :

BNA_G

ClientSampleId :

C5-13

Tgt Ion:252 Resp: 115538

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

125 6.8 3.9 5.9#

