

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023061.D
 Acq On : 13 Jul 2016 8:09
 Operator : UM/SJ
 Sample : H3980-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.1-06

Quant Time: Jul 13 13:17:01 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

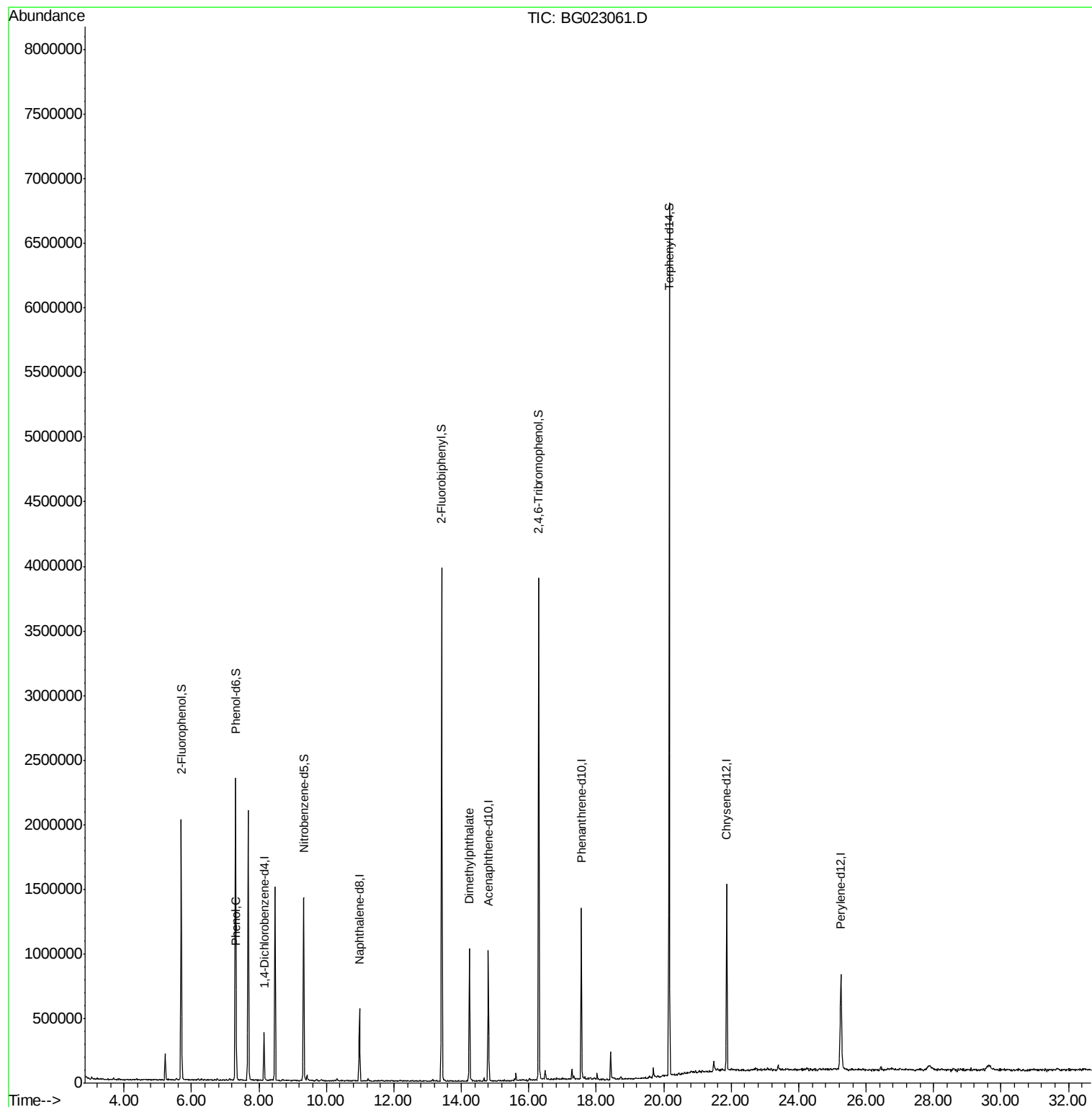
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91729	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	444481	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	353572	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	817325	20.00	ng	0.00
75) Chrysene-d12	21.87	240	900262	20.00	ng	0.02
86) Perylene-d12	25.25	264	897020	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	809283	144.29	ng	0.00
7) Phenol-d6	7.31	99	1293509	147.25	ng	0.00
23) Nitrobenzene-d5	9.32	82	944026	90.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	697398	109.75	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1905354	84.88	ng	0.00
78) Terphenyl-d14	20.16	244	2617113	97.50	ng	0.00
Target Compounds						
10) Phenol	7.33	94	23145	2.56	ng	Qvalue # 63
49) Dimethylphthalate	14.24	163	640967	22.19	ng	100

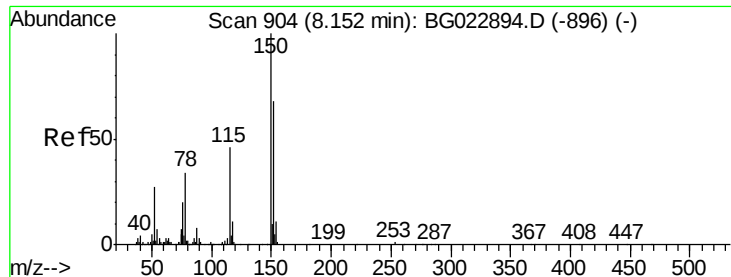
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023061.D
Acq On : 13 Jul 2016 8:09
Operator : UM/SJ
Sample : H3980-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C4.1-06

Quant Time: Jul 13 13:17:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

Instrument :

BNA_G

ClientSampleId :

C4.1-06

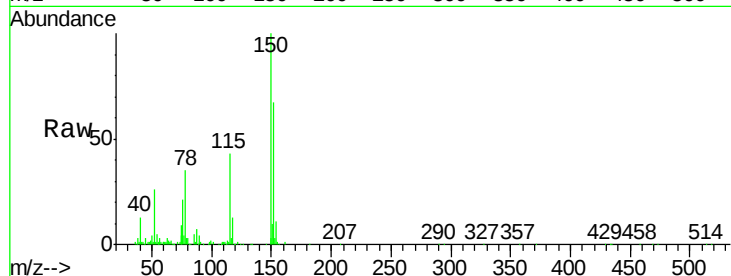
Tot Ion:152 Resp: 91729

Ion Ratio Lower Upper

152 100

150 149.2 144.7 217.1

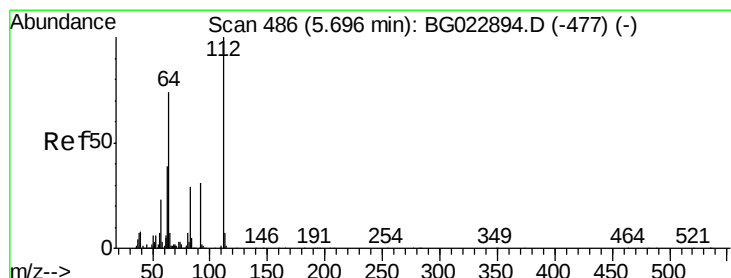
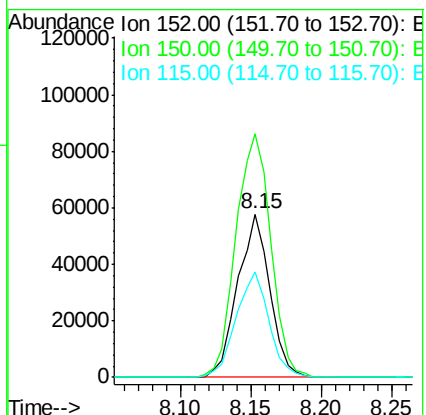
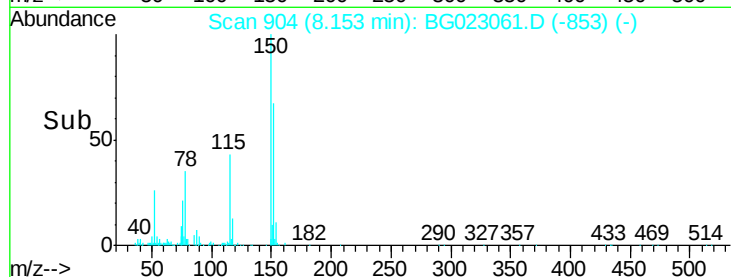
115 64.9 64.0 96.0



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: 144.29 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

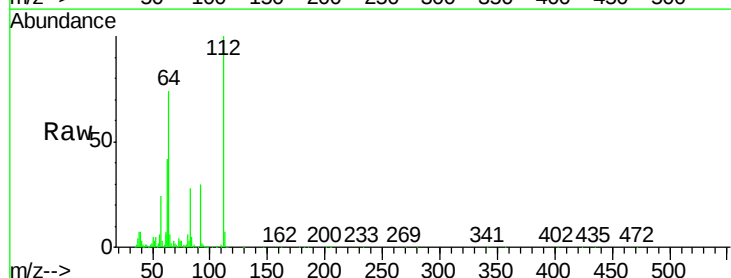
Tgt Ion:112 Resp: 809283

Ion Ratio Lower Upper

112 100

64 74.2 59.0 88.4

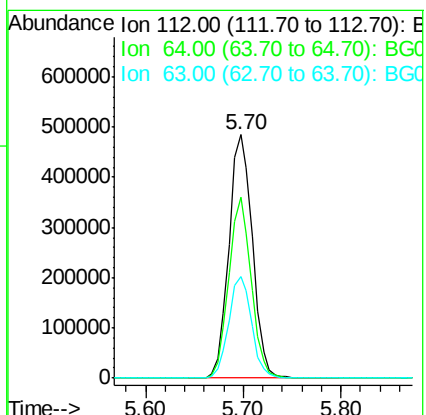
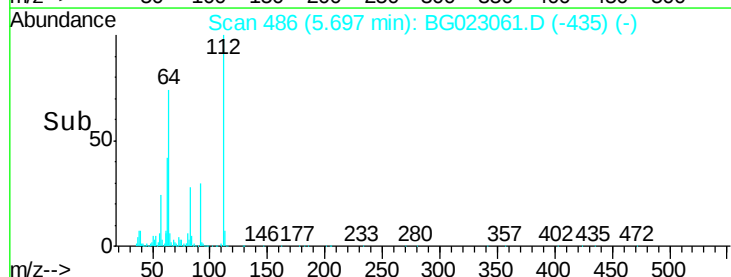
63 42.0 37.8 56.8

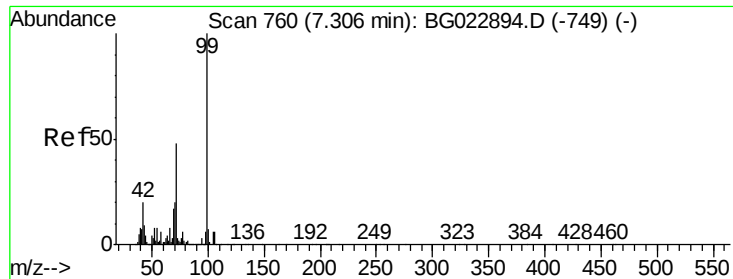


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 147.25 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

Instrument :

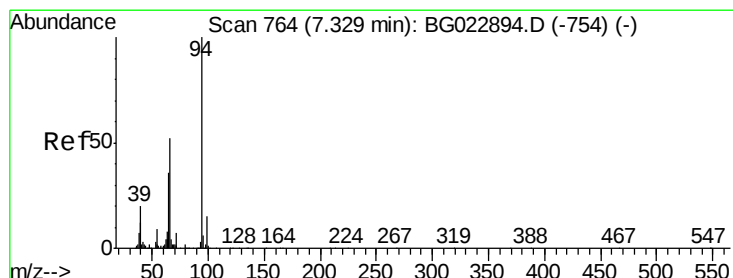
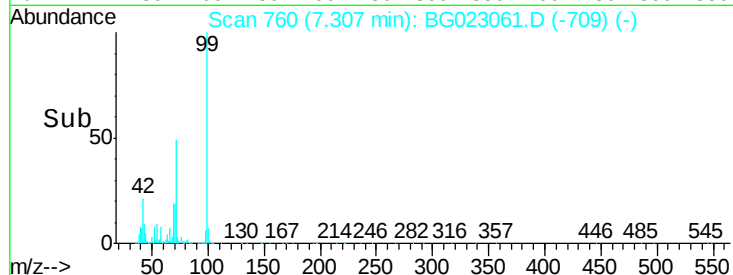
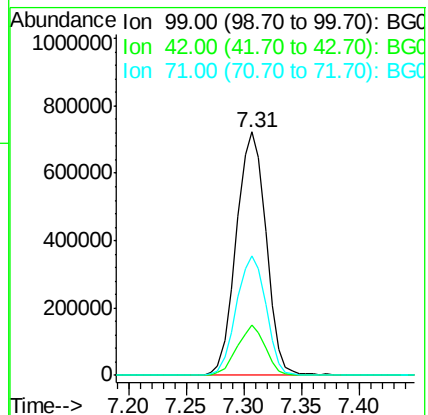
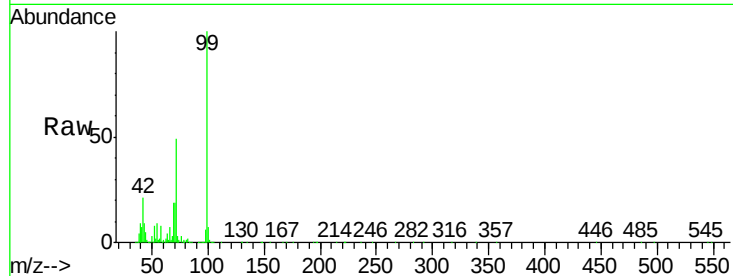
BNA_G

ClientSampleID :

C4.1-06

Tot Ion: 99 Resp: 1293509

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	49.3	41.5	62.3



#10

Phenol

Concen: 2.56 ng

RT: 7.33 min Scan# 764

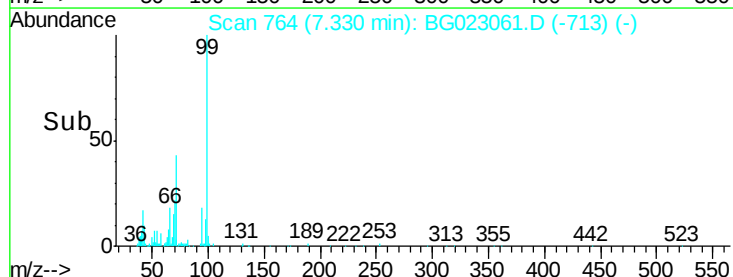
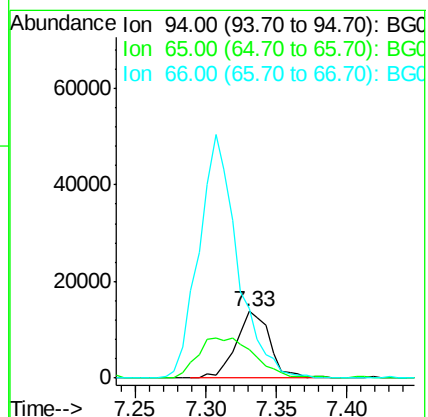
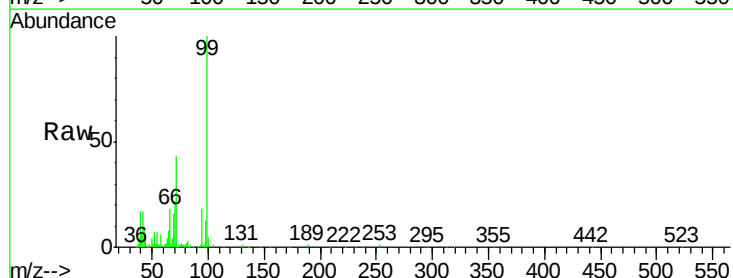
Delta R.T. 0.00 min

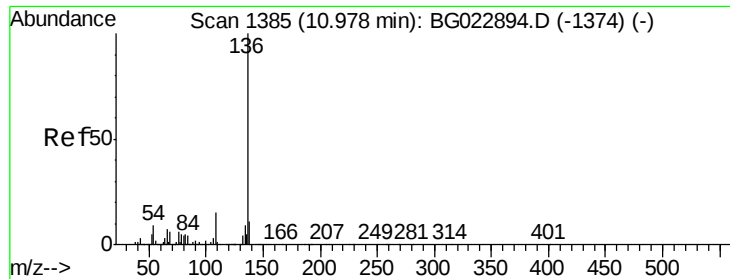
Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

Tgt Ion: 94 Resp: 23145

Ion	Ratio	Lower	Upper
94	100		
65	43.5	18.1	58.1
66	104.4	42.1	82.1

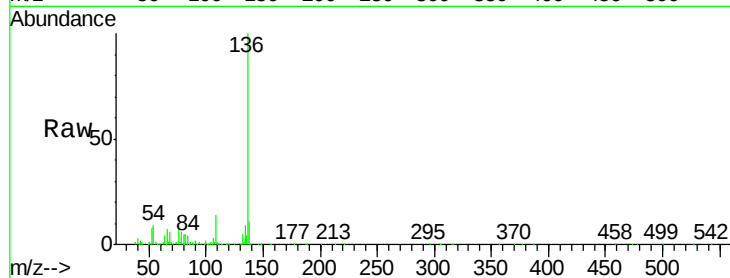




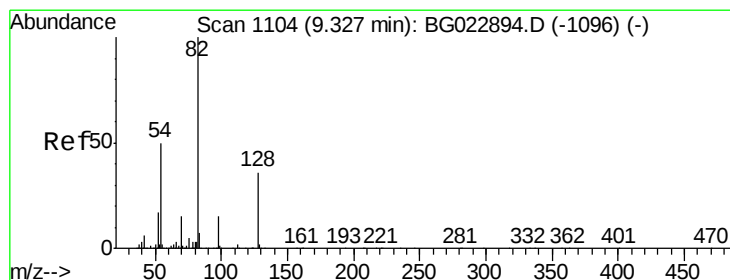
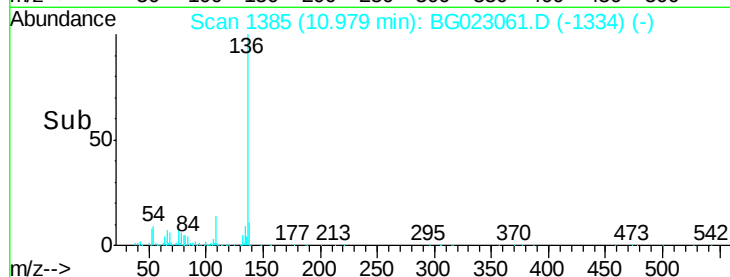
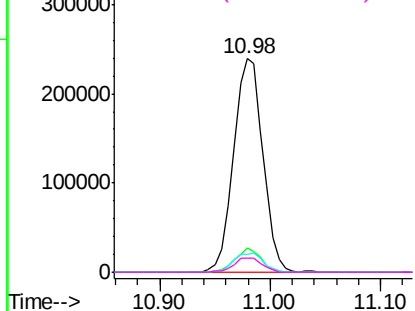
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023061.D
Acq: 13 Jul 2016 8:09

Instrument :
BNA_G
ClientSampleId :
C4.1-06

Tot Ion:136	Resp:	444481
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	8.6	7.3 10.9
68	6.9	5.3 7.9

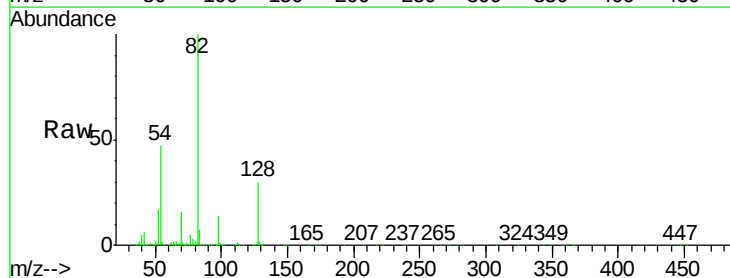


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

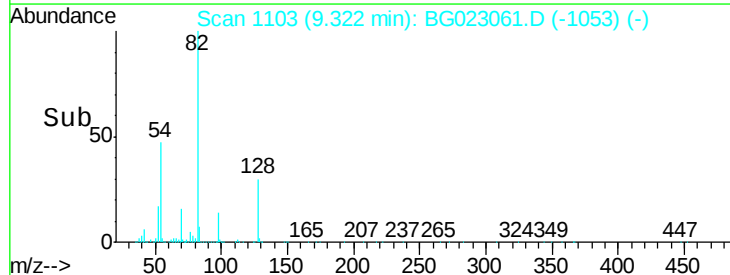
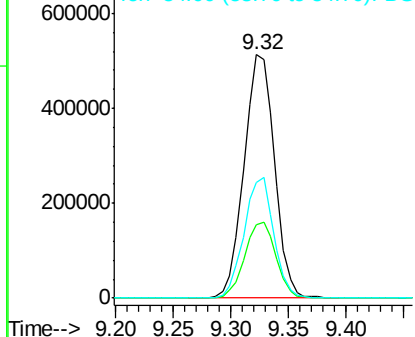


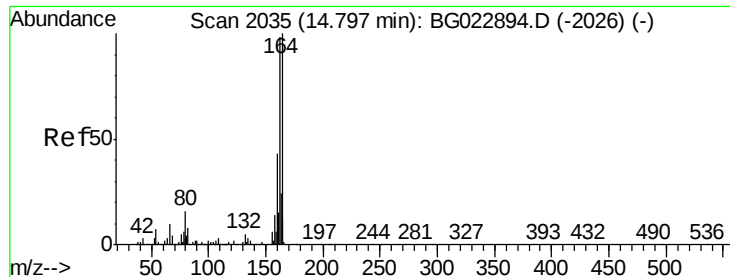
#23
Nitrobenzene-d5
Concen: 90.94 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG023061.D
Acq: 13 Jul 2016 8:09

Tgt Ion: 82	Resp:	944026
Ion Ratio	Lower	Upper
82	100	
128	30.2	24.4 36.6
54	47.3	41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

Instrument :

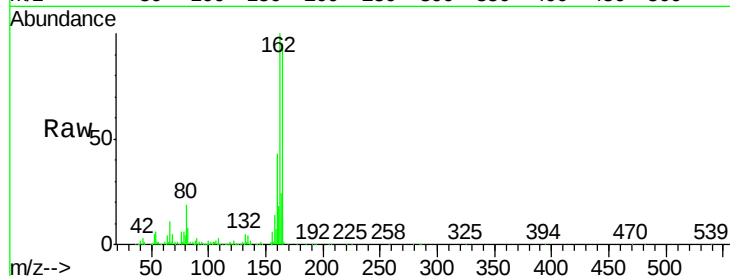
BNA_G

ClientSampleId :

C4.1-06

Tot Ion:164 Resp: 353572

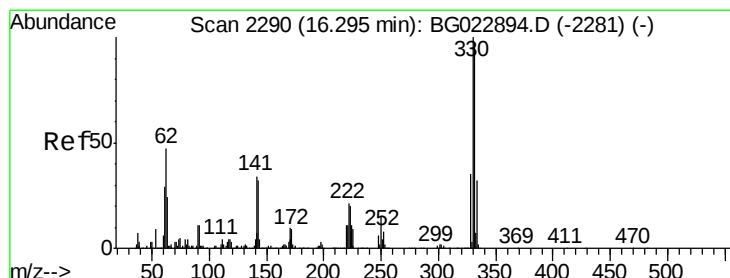
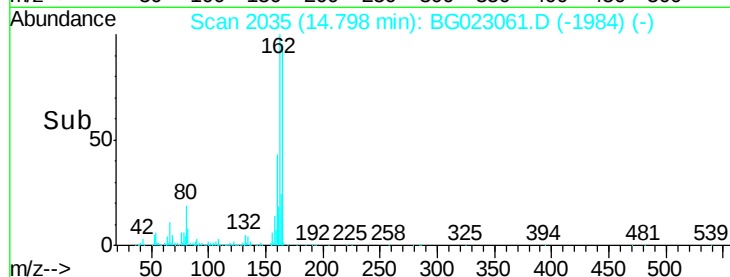
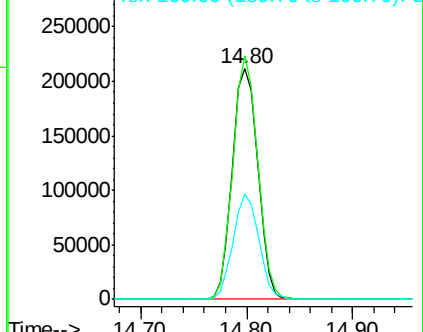
Ion	Ratio	Lower	Upper
164	100		
162	105.7	87.7	131.5
160	45.7	37.2	55.8



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: 109.75 ng

RT: 16.29 min Scan# 2289

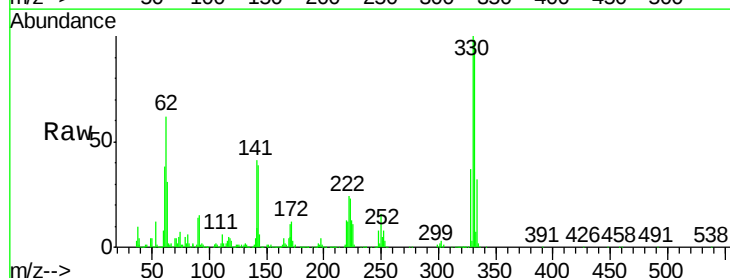
Delta R.T. -0.00 min

Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

Tgt Ion:330 Resp: 697398

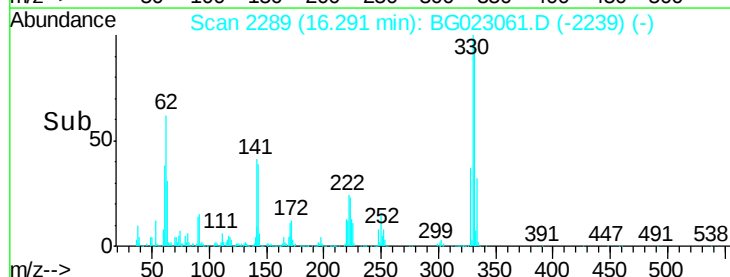
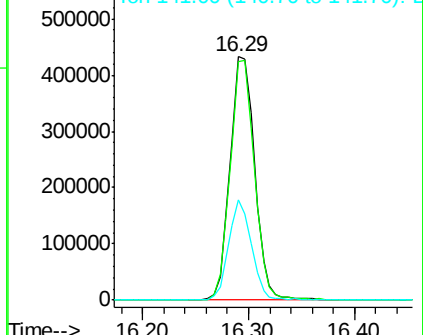
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	37.9	31.7	47.5

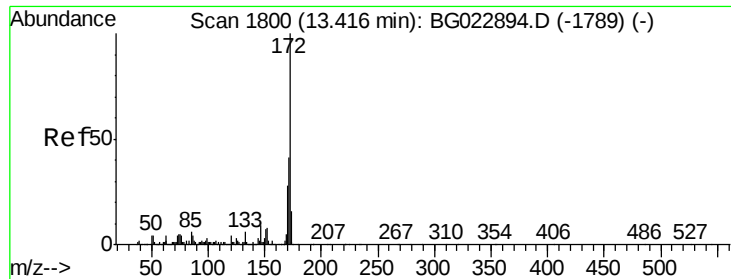


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

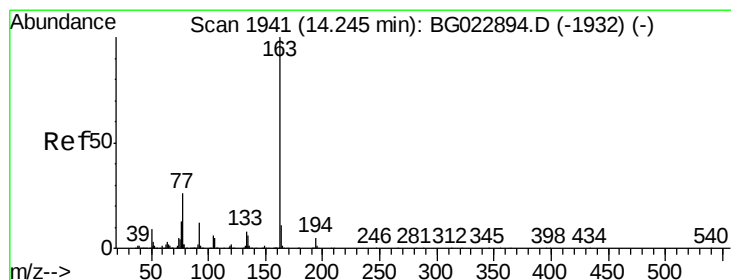
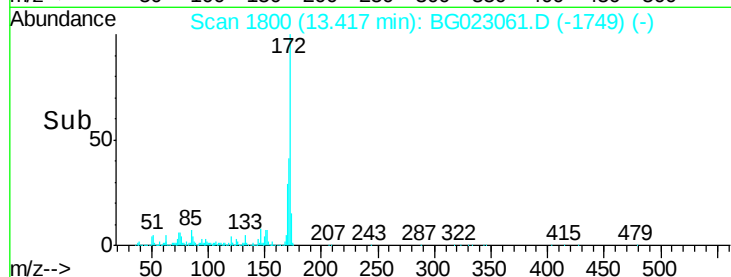
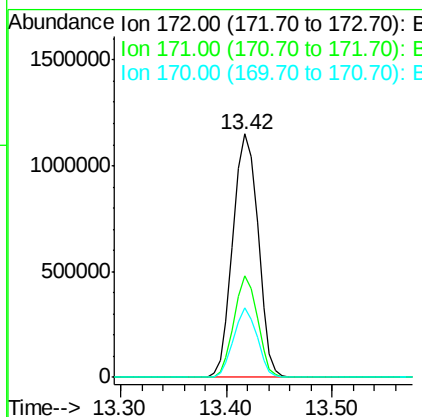
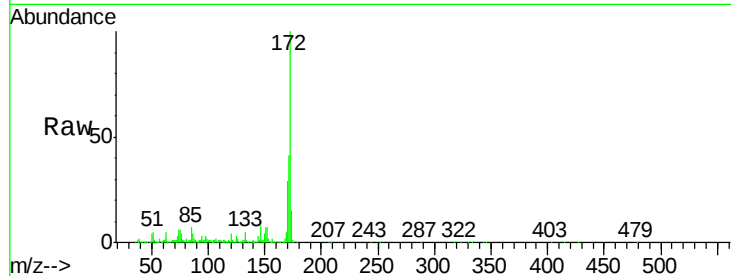




#44
2-Fluorobiphenyl
Concen: 84.88 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023061.D
Acq: 13 Jul 2016 8:09

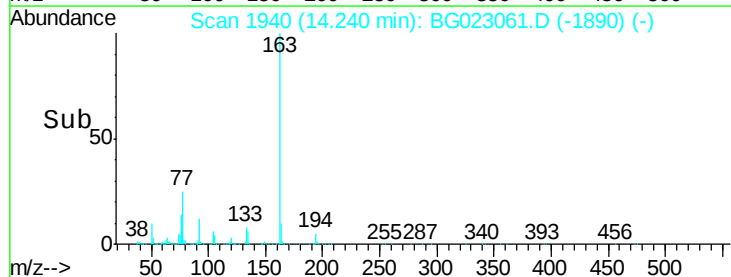
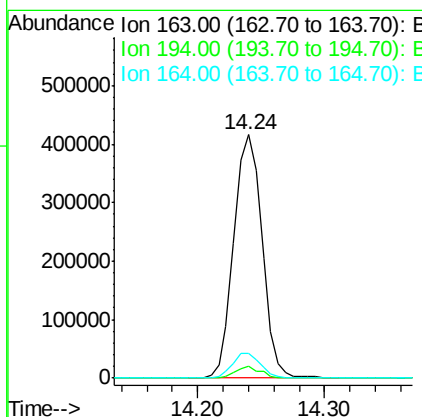
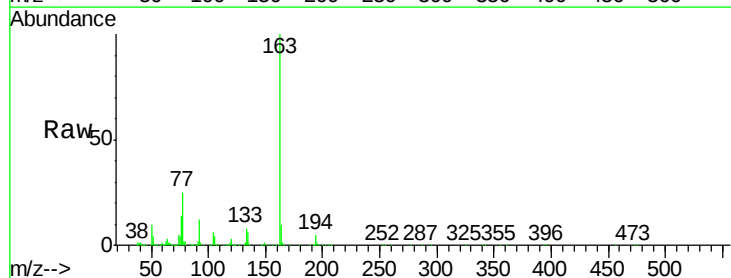
Instrument :
BNA_G
ClientSampleId :
C4.1-06

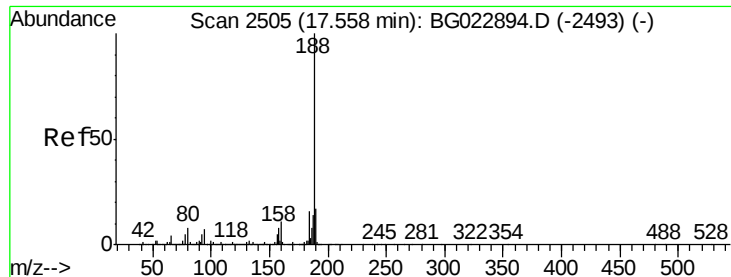
Tot Ion:172 Resp: 1905354
Ion Ratio Lower Upper
172 100
171 41.5 31.6 47.4
170 28.6 21.3 31.9



#49
Dimethylphthalate
Concen: 22.19 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG023061.D
Acq: 13 Jul 2016 8:09

Tgt Ion:163 Resp: 640967
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.1 8.1 12.1

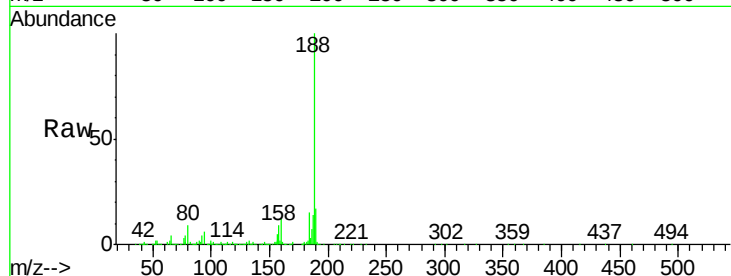




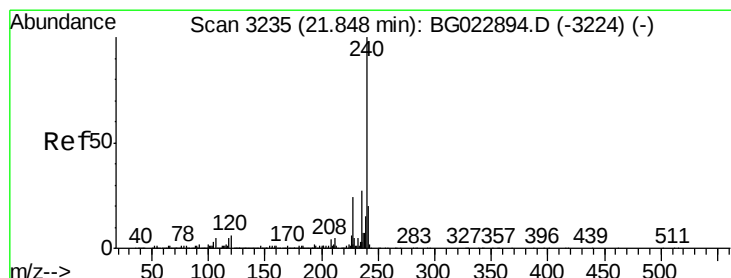
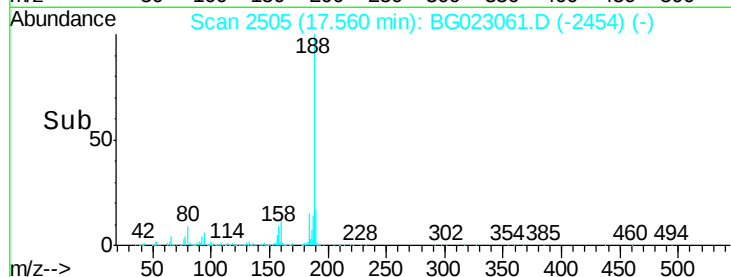
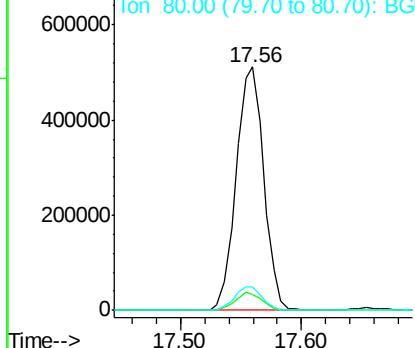
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG023061.D
Acq: 13 Jul 2016 8:09

Instrument :
BNA_G
ClientSampleId :
C4.1-06

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.2	7.8
80	9.4	7.2	10.8

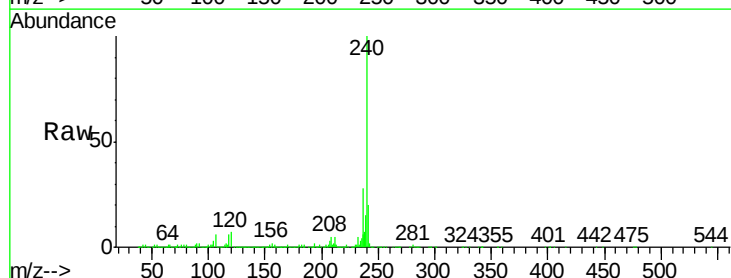


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

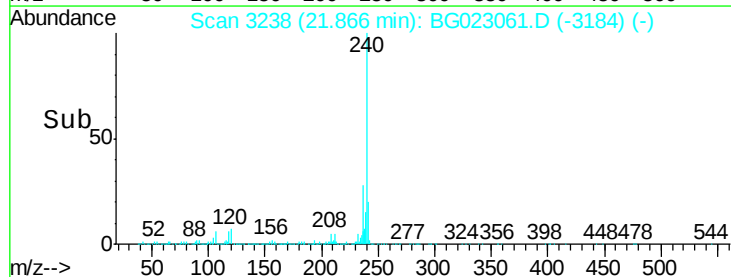
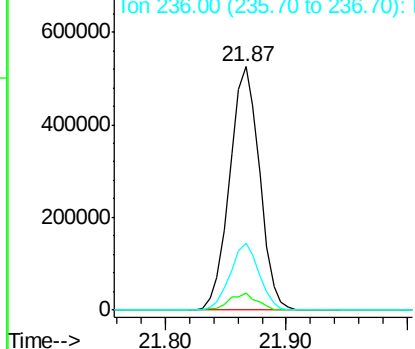


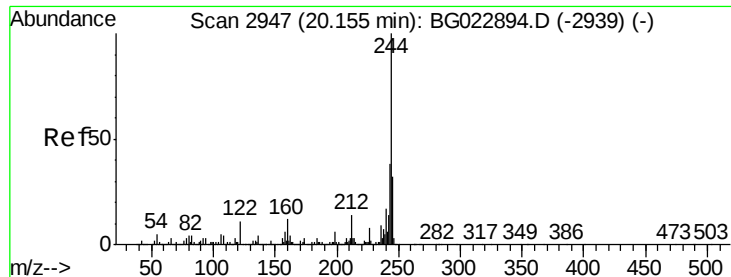
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023061.D
Acq: 13 Jul 2016 8:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.1	6.1#
236	27.7	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





#78

Terphenyl-d14

Concen: 97.50 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

Instrument :

BNA_G

ClientSampleId :

C4.1-06

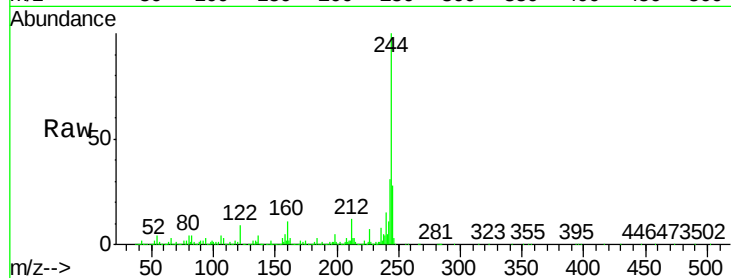
Tot Ion:244 Resp: 2617113

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

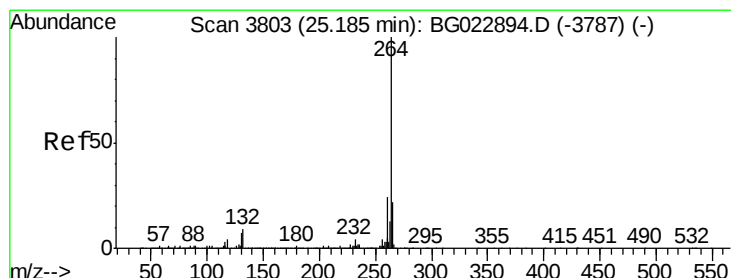
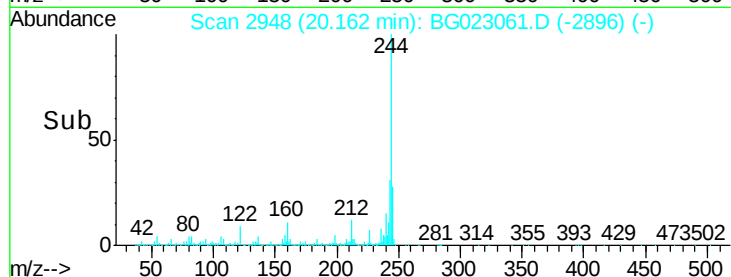
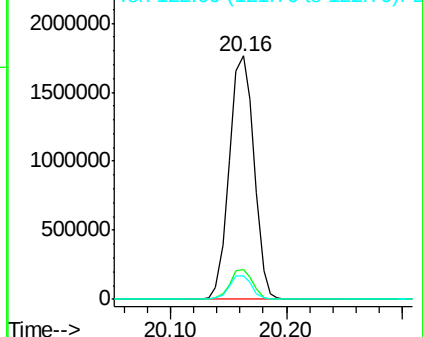
122 9.5 8.0 12.0



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: 25.25 min Scan# 3814

Delta R.T. 0.07 min

Lab File: BG023061.D

Acq: 13 Jul 2016 8:09

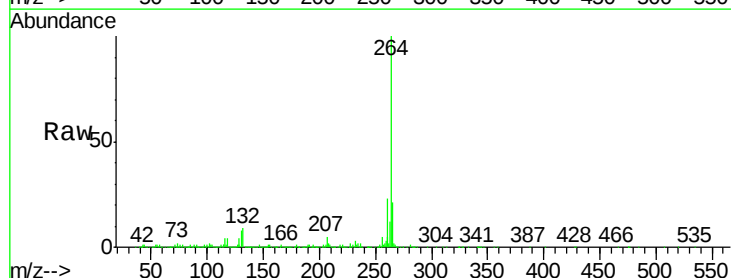
Tgt Ion:264 Resp: 897020

Ion Ratio Lower Upper

264 100

260 22.8 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

