

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
 Data File : BG023078.D
 Acq On : 13 Jul 2016 20:31
 Operator : UM/SJ
 Sample : H3981-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.1-02

Quant Time: Jul 14 01:02:56 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

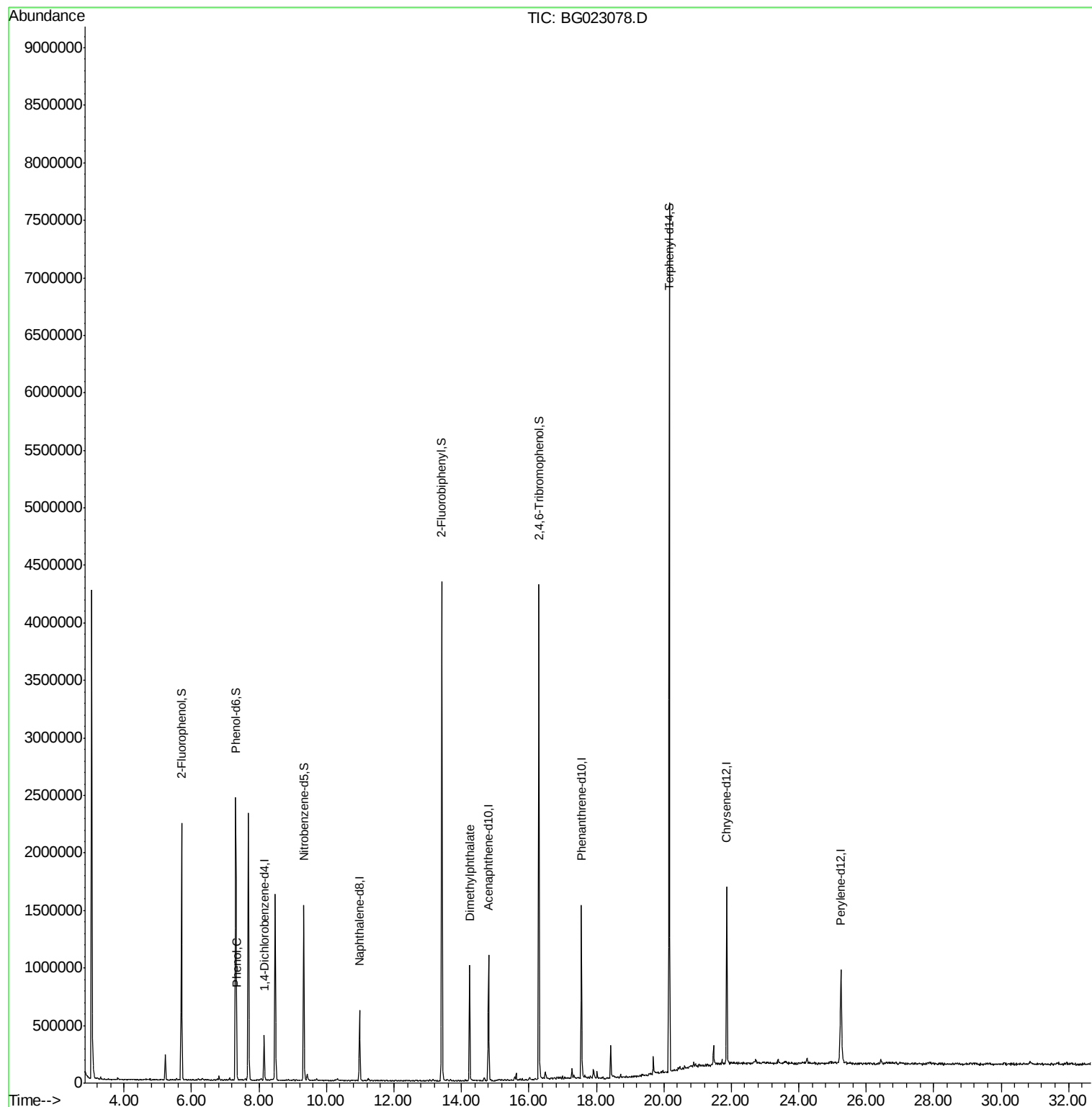
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	101103	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	478760	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	380938	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	912109	20.00	ng	0.00
75) Chrysene-d12	21.86	240	956889	20.00	ng	0.02
86) Perylene-d12	25.25	264	949766	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	874397	141.45	ng	0.00
7) Phenol-d6	7.31	99	1404020	145.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	1015529	90.83	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	812406	118.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2093580	86.57	ng	0.00
78) Terphenyl-d14	20.16	244	2869038	103.15	ng	0.00
Target Compounds						
10) Phenol	7.34	94	25443	2.55	ng	Qvalue # 80
49) Dimethylphthalate	14.24	163	635015	20.41	ng	99

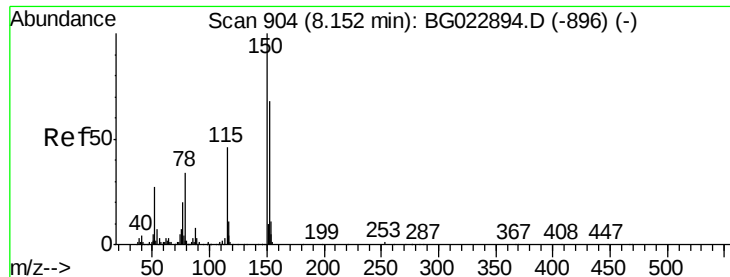
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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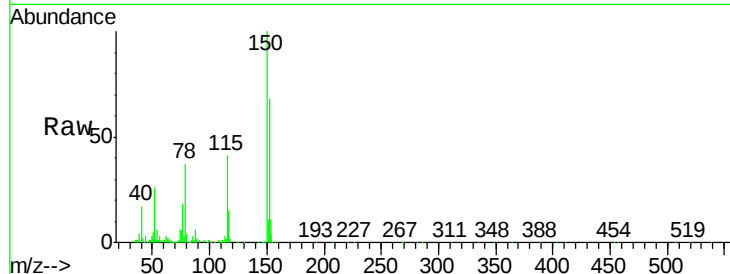


#1

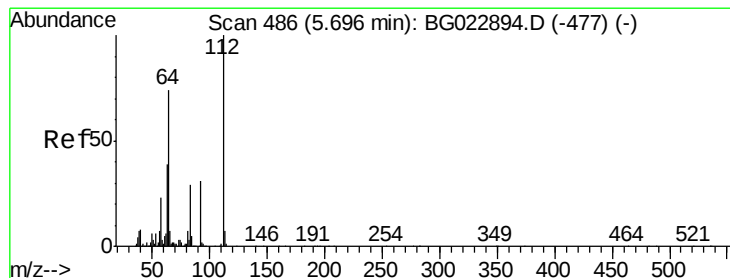
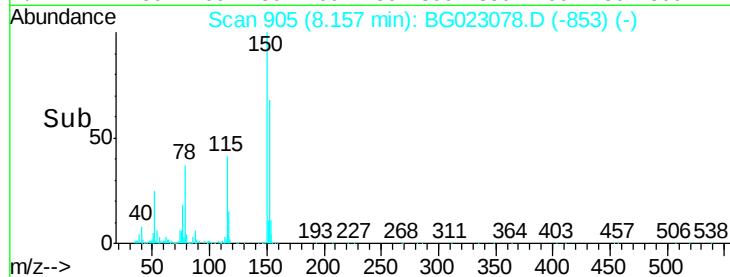
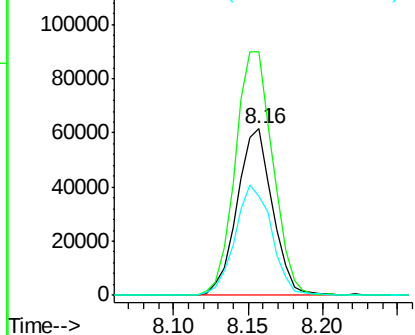
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Instrument :
BNA_G
ClientSampleId :
C4.1-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	144.7	217.1
115	59.7	64.0	96.0#



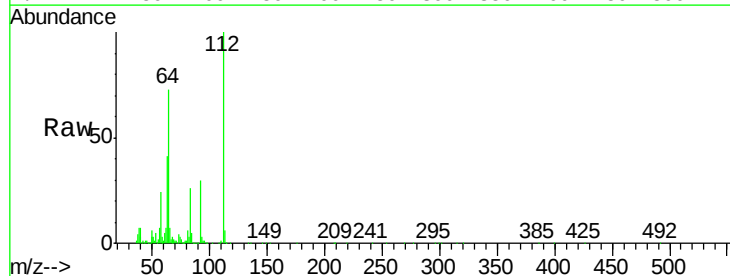
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



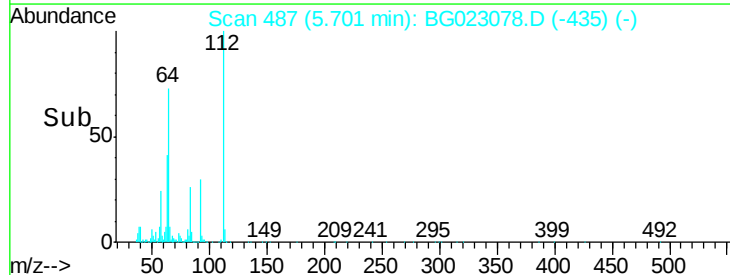
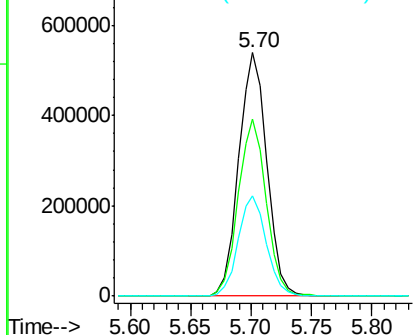
#5

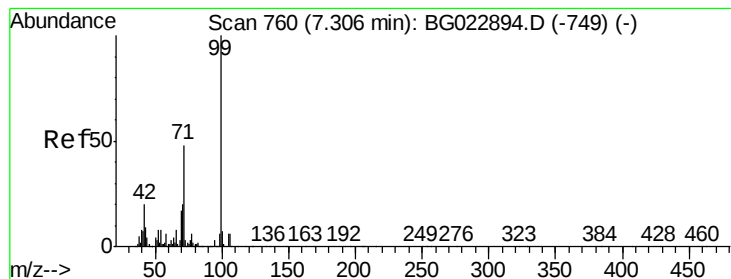
2-Fluorophenol
Concen: 141.45 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.0	88.4
63	41.2	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: 145.01 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Instrument :

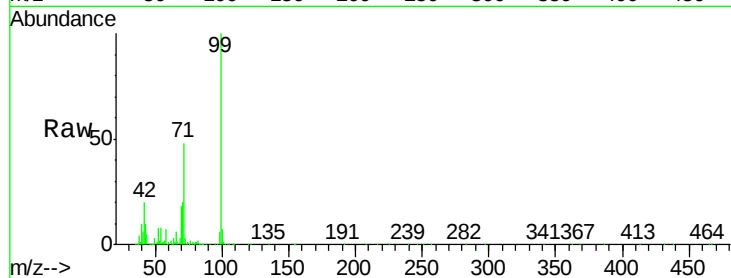
BNA_G

ClientSampleId :

C4.1-02

Tgt Ion: 99 Resp: 1404020

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	48.3	41.5	62.3

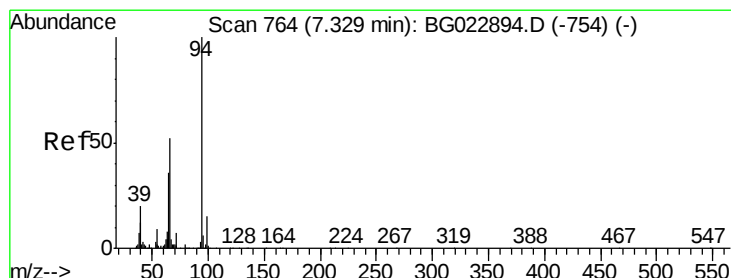
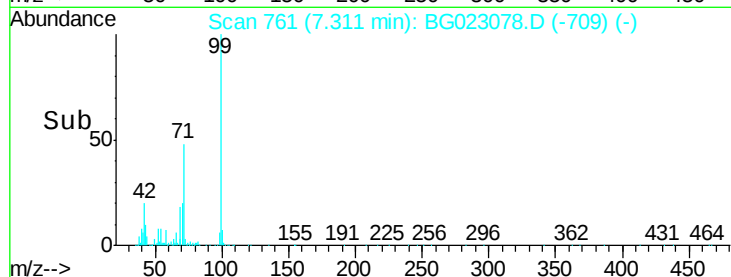
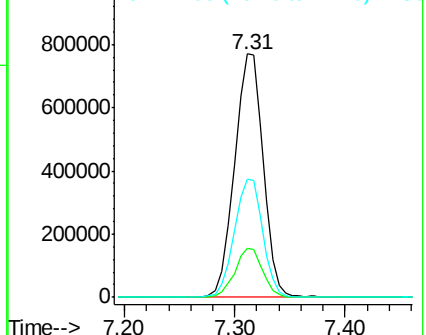


Abundance

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



#10

Phenol

Concen: 2.55 ng

RT: 7.34 min Scan# 766

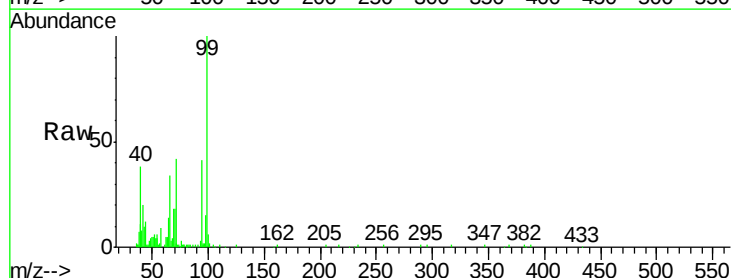
Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Tgt Ion: 94 Resp: 25443

Ion	Ratio	Lower	Upper
94	100		
65	35.0	18.1	58.1
66	84.1	42.1	82.1#

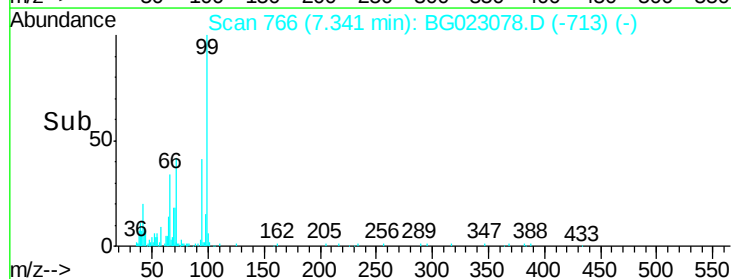
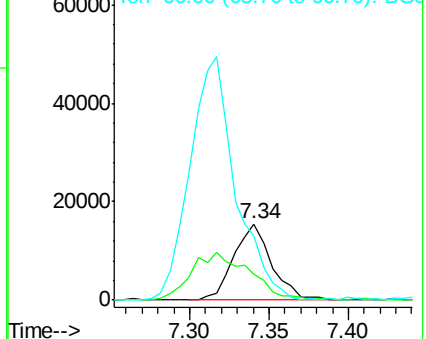


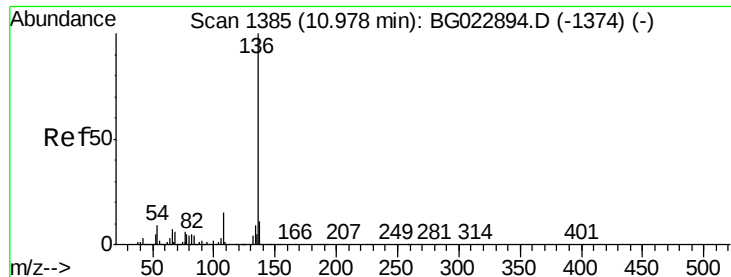
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

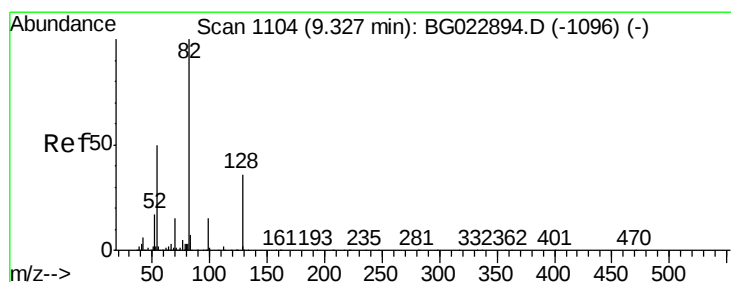
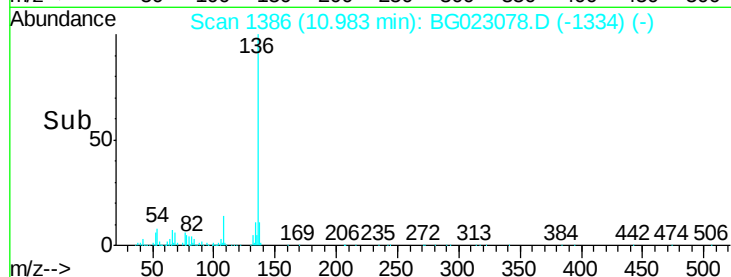
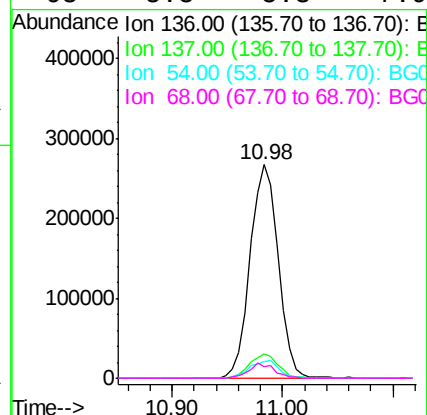
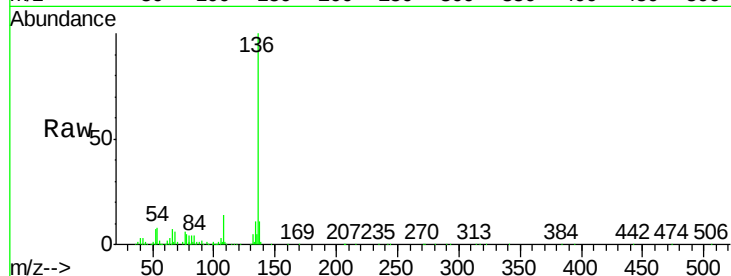




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

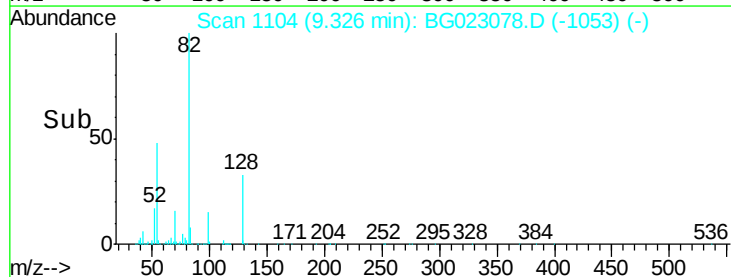
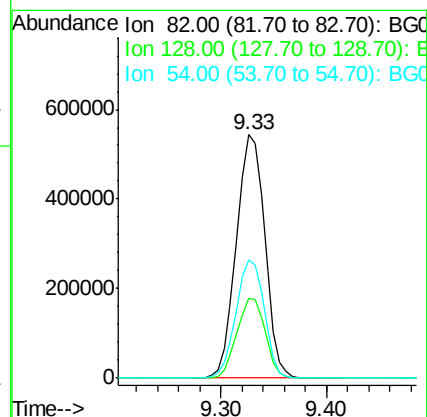
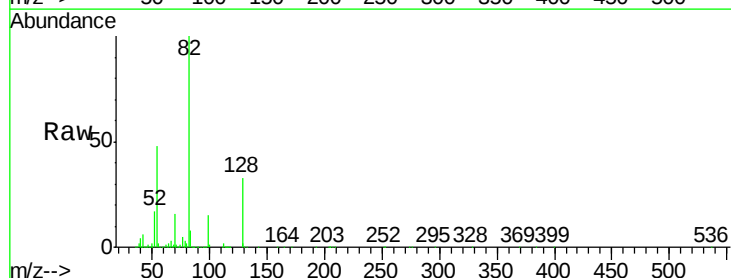
Instrument :
BNA_G
ClientSampleId :
C4.1-02

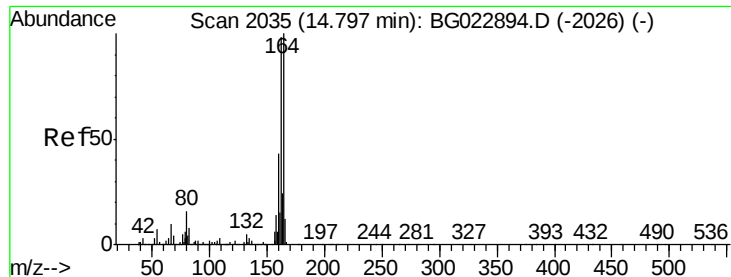
Tgt Ion:	136	Resp:	478760
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.0	7.3	10.9
68	5.5	5.3	7.9



#23
Nitrobenzene-d5
Concen: 90.83 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Tgt Ion:	82	Resp:	1015529
Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	48.4	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Instrument :

BNA_G

ClientSampleId :

C4.1-02

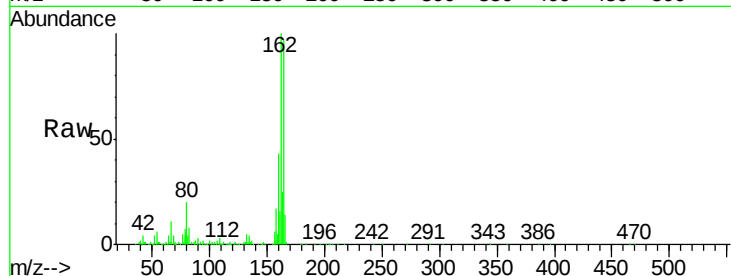
Tgt Ion:164 Resp: 380938

Ion Ratio Lower Upper

164 100

162 102.6 87.7 131.5

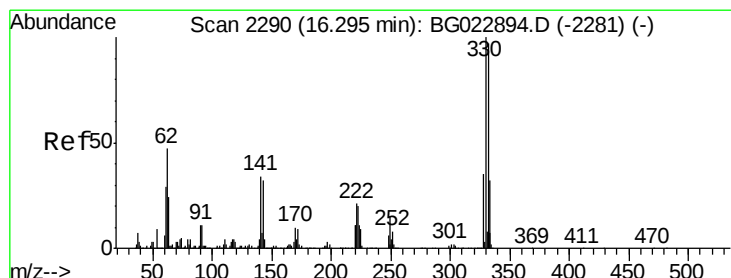
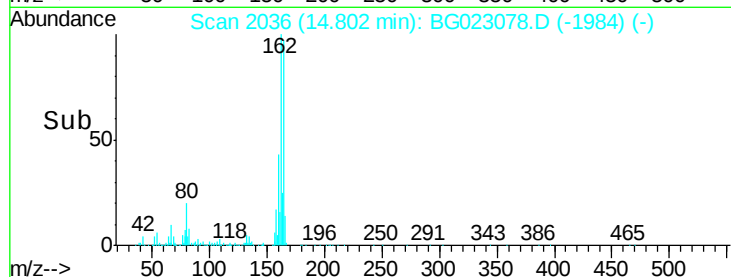
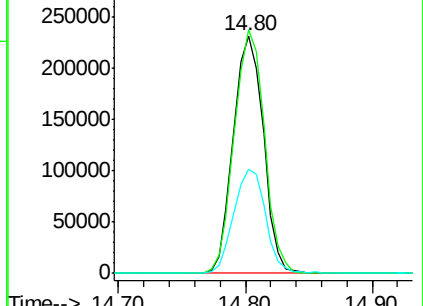
160 43.8 37.2 55.8



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: 118.66 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

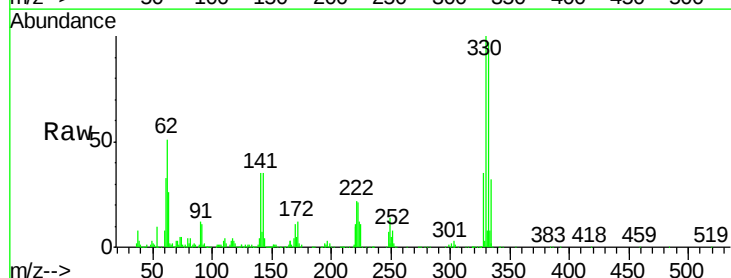
Tgt Ion:330 Resp: 812406

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

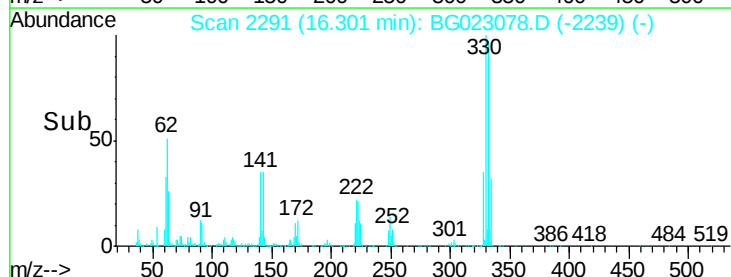
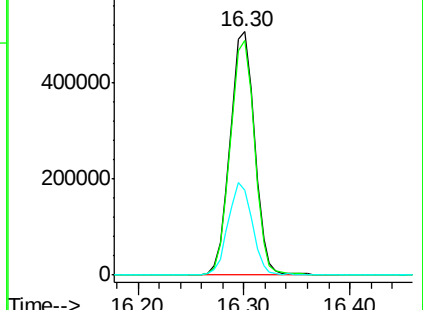
141 37.4 31.7 47.5

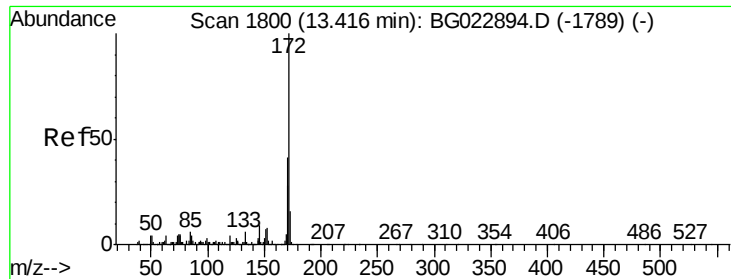


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

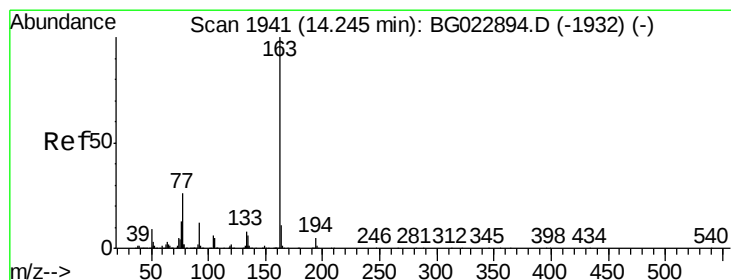
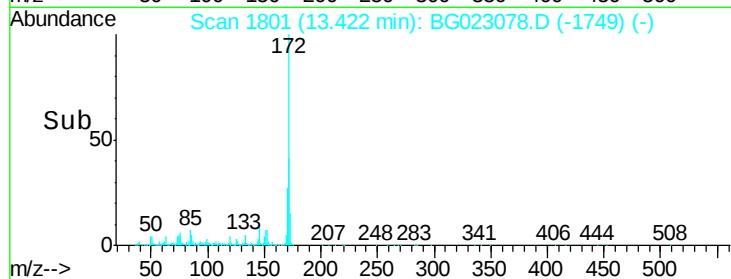
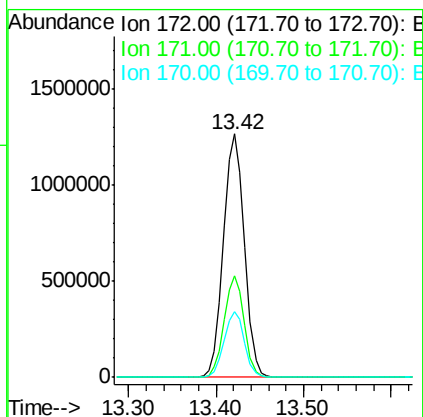
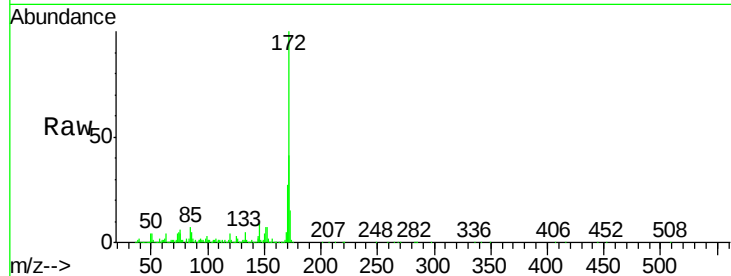




#44
2-Fluorobiphenyl
Concen: 86.57 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

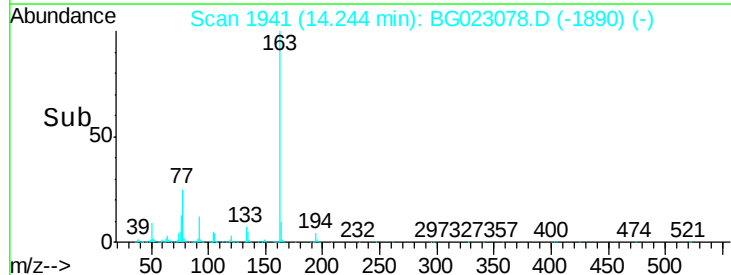
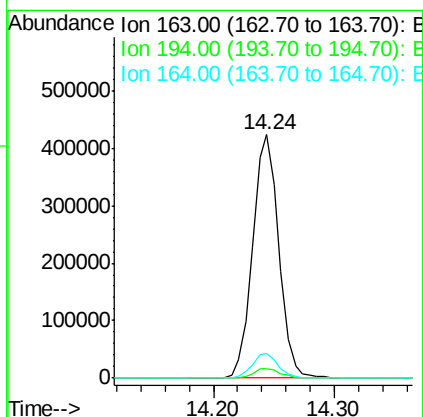
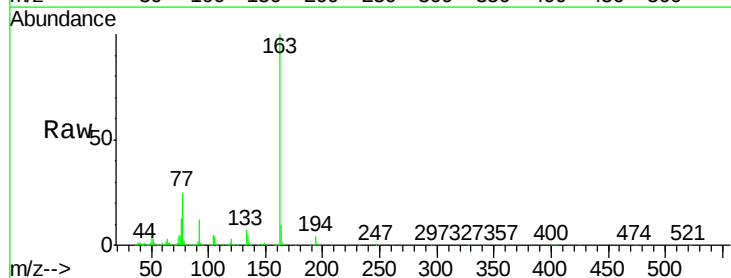
Instrument :
BNA_G
ClientSampleId :
C4.1-02

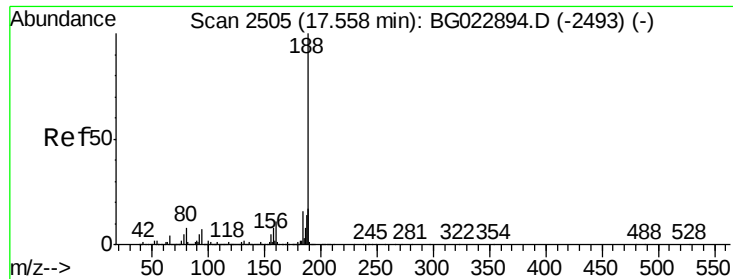
Tgt Ion:172 Resp: 2093580
Ion Ratio Lower Upper
172 100
171 41.5 31.6 47.4
170 26.9 21.3 31.9



#49
Dimethylphthalate
Concen: 20.41 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Tgt Ion:163 Resp: 635015
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.2 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: BG023078.D

Acq: 13 Jul 2016 20:31

Instrument :

BNA_G

ClientSampleId :

C4.1-02

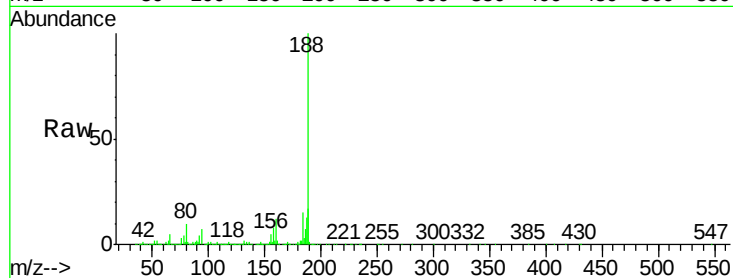
Tgt Ion:188 Resp: 912109

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

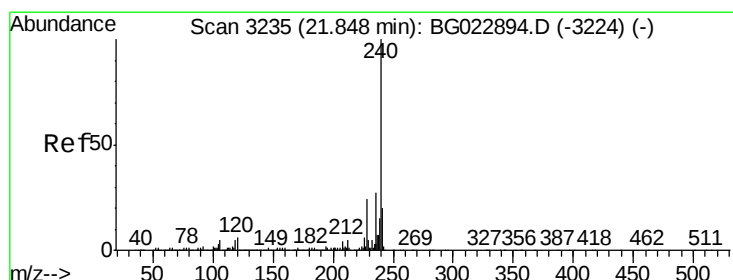
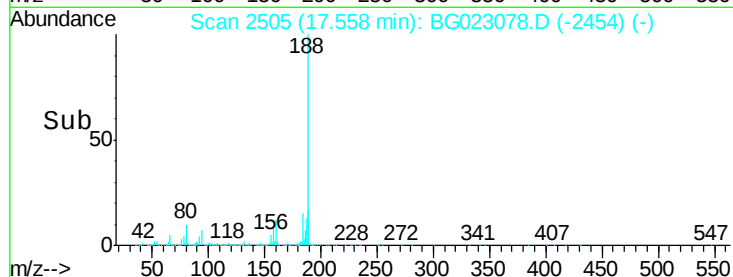
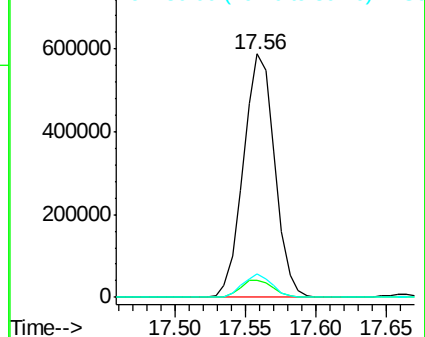
80 9.8 7.2 10.8



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: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

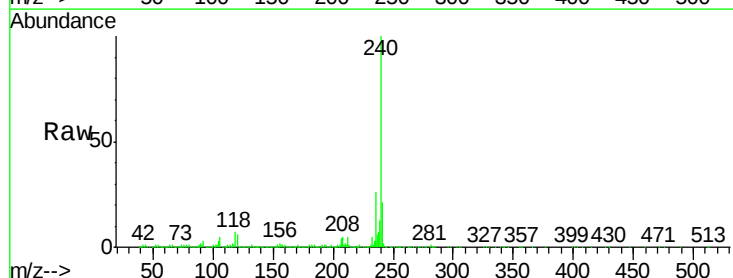
Tgt Ion:240 Resp: 956889

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

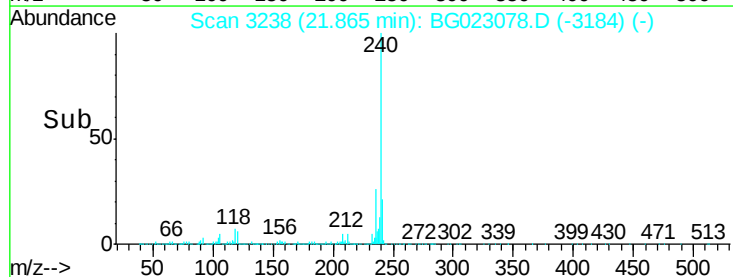
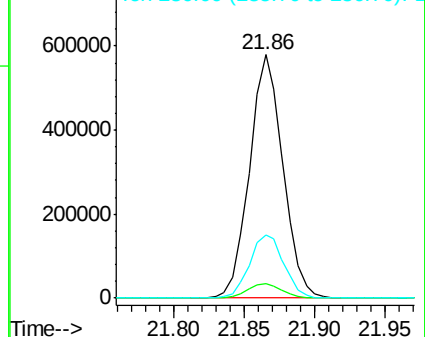
236 26.0 21.1 31.7

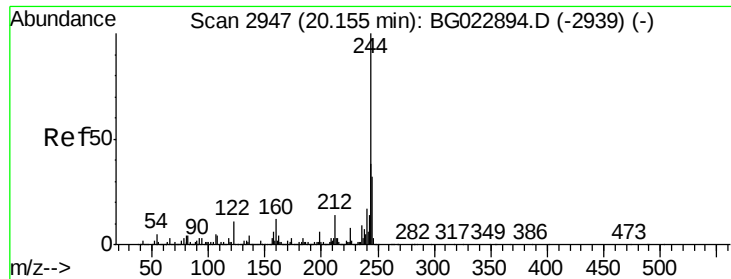


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.15 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Instrument :

BNA_G

ClientSampleId :

C4.1-02

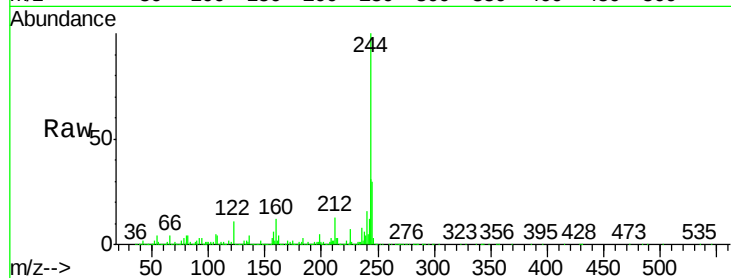
Tgt Ion:244 Resp: 2869038

Ion Ratio Lower Upper

244 100

212 13.2 10.8 16.2

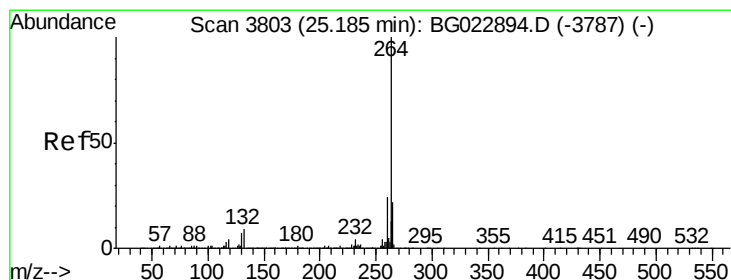
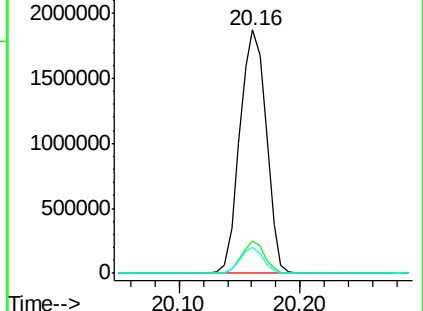
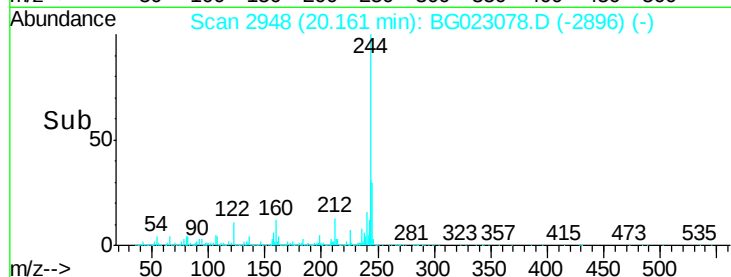
122 10.7 8.0 12.0



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# 3815

Delta R.T. 0.07 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

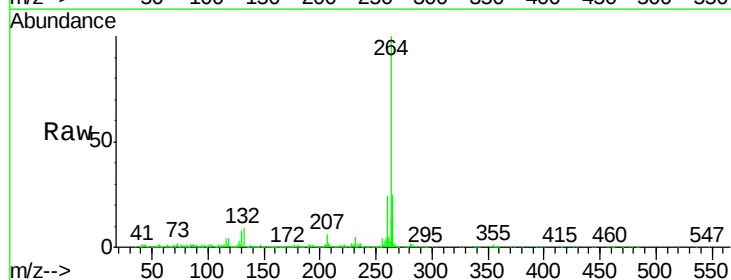
Tgt Ion:264 Resp: 949766

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 25.3 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

