

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020110.D
 Acq On : 11 Dec 2015 17:30
 Operator : UM/SJ
 Sample : G4729-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-31

Quant Time: Dec 11 23:42:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

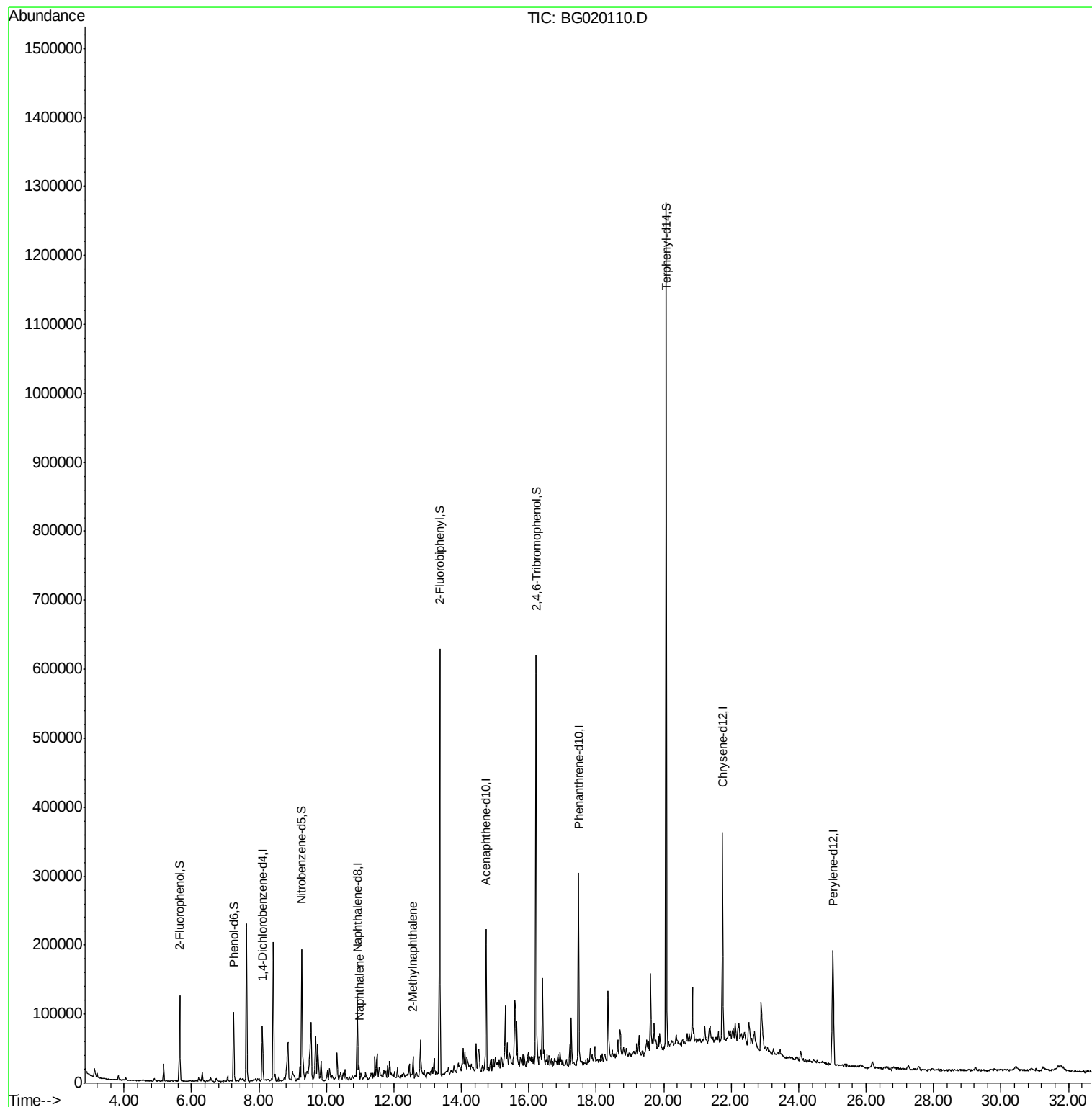
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22585	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	95582	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	68435	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	163625	20.00	ng	-0.04
75) Chrysene-d12	21.75	240	189250	20.00	ng	-0.05
86) Perylene-d12	25.02	264	175668	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	53795	43.05	ng	-0.02
7) Phenol-d6	7.25	99	57069	30.25	ng	-0.02
23) Nitrobenzene-d5	9.27	82	115326	61.58	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	110292	105.33	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	318845	63.62	ng	-0.04
78) Terphenyl-d14	20.07	244	561115	72.32	ng	-0.04
Target Compounds						
31) Naphthalene	10.97	128	12206	2.38	ng	Qvalue # 93
37) 2-Methylnaphthalene	12.57	142	11508	3.07	ng	98

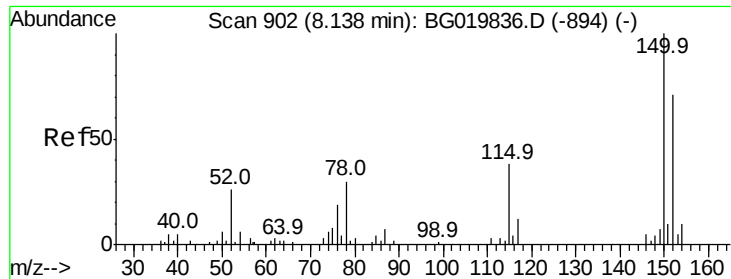
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-31

Quant Time: Dec 11 23:42:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.04 min

Lab File: BG020110.D

Acq: 11 Dec 2015 17:30

Instrument :

BNA_G

ClientSampleId :

W-31

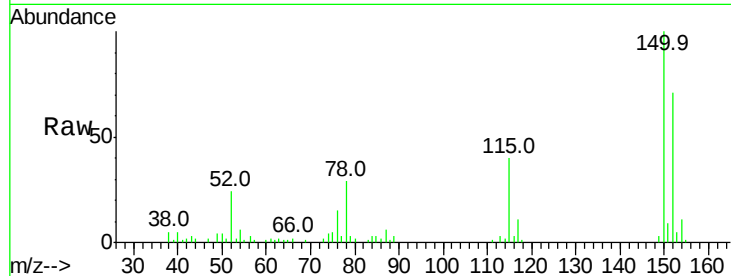
Tot Ion:152 Resp: 22585

Ion Ratio Lower Upper

152 100

150 141.6 115.0 172.4

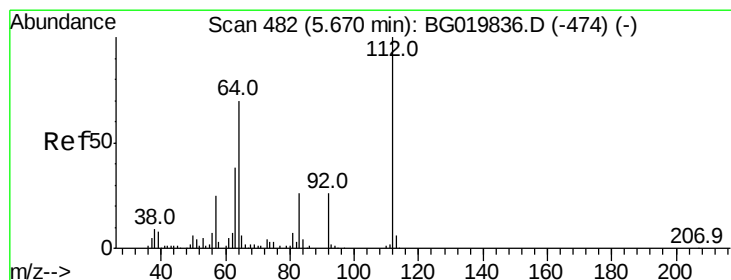
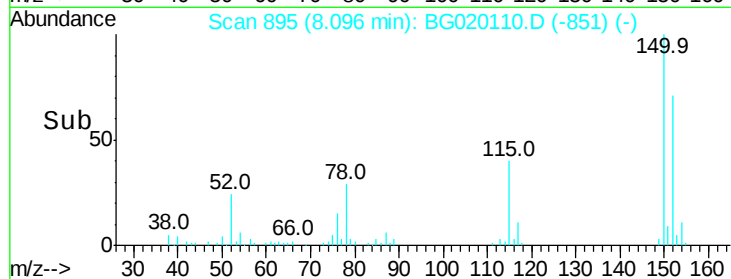
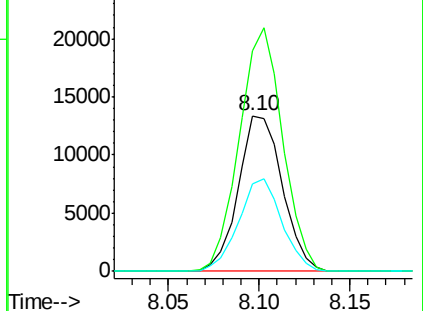
115 56.3 43.9 65.9



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: 43.05 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020110.D

Acq: 11 Dec 2015 17:30

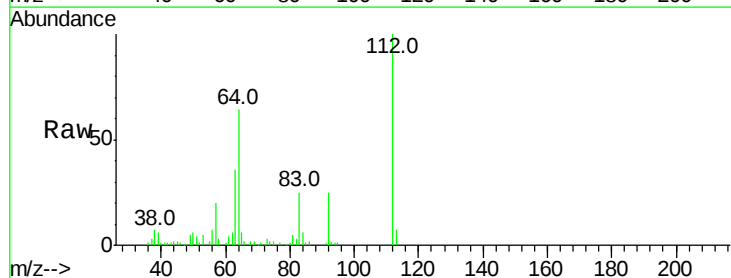
Tgt Ion:112 Resp: 53795

Ion Ratio Lower Upper

112 100

64 64.0 43.7 65.5

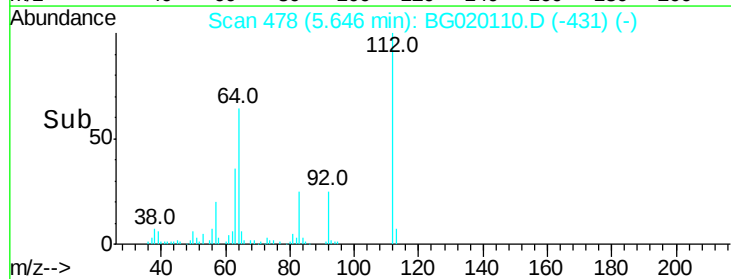
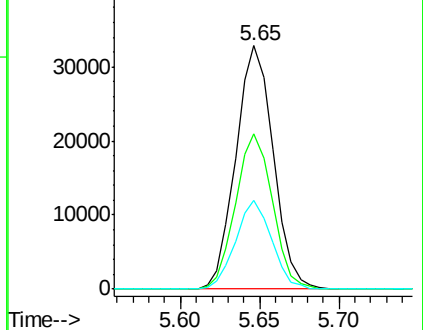
63 36.5 24.0 36.0#

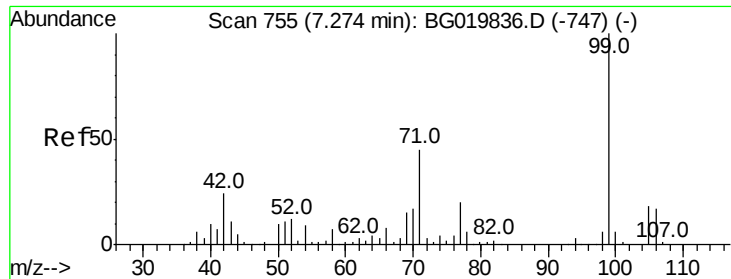


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.25 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020110.D

Acq: 11 Dec 2015 17:30

Instrument :

BNA_G

ClientSampleId :

W-31

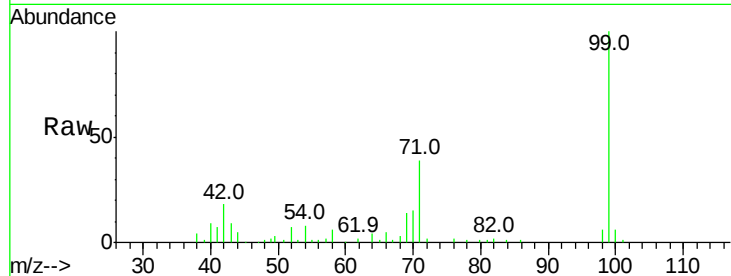
Tot Ion: 99 Resp: 57069

Ion Ratio Lower Upper

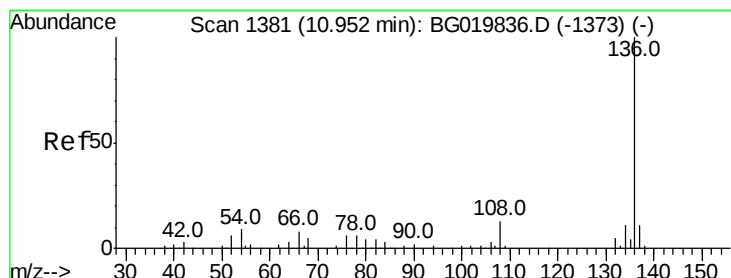
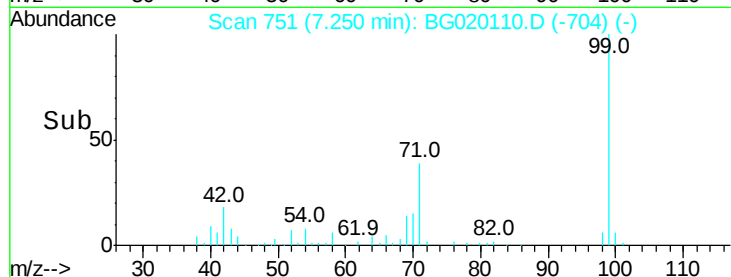
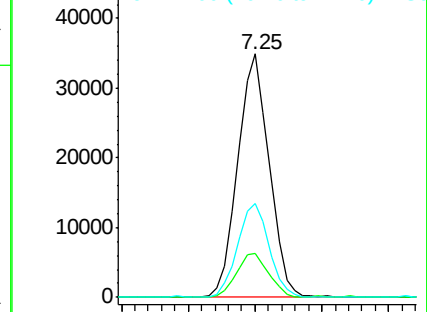
99 100

42 18.0 11.5 17.3#

71 38.7 22.6 34.0#



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: 10.92 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BG020110.D

Acq: 11 Dec 2015 17:30

Tgt Ion: 136 Resp: 95582

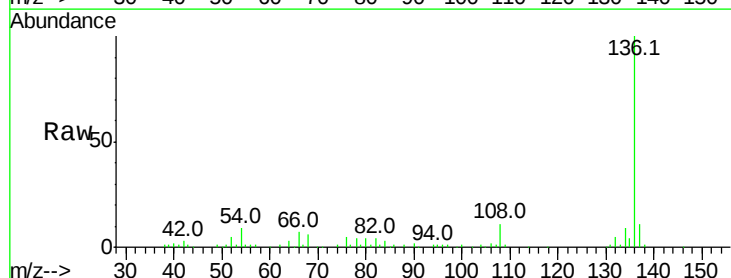
Ion Ratio Lower Upper

136 100

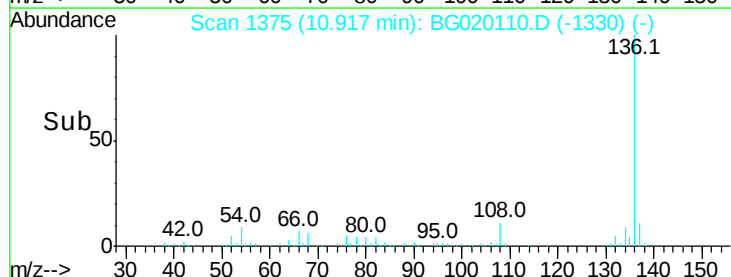
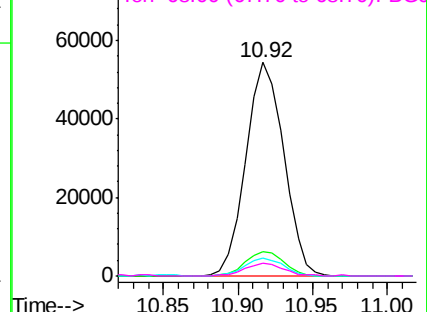
137 11.2 8.6 12.8

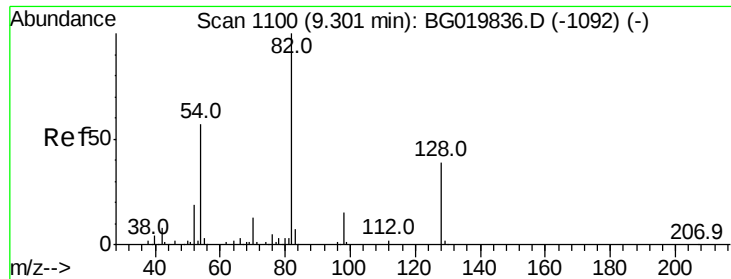
54 8.6 5.4 8.2#

68 6.0 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

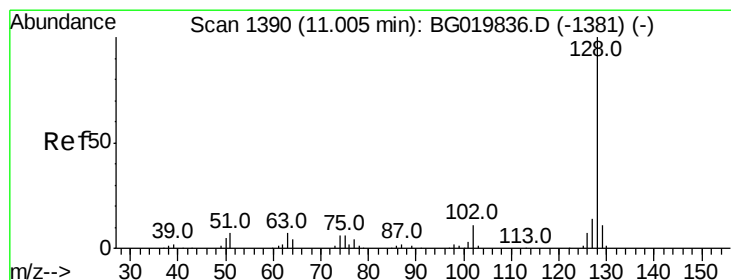
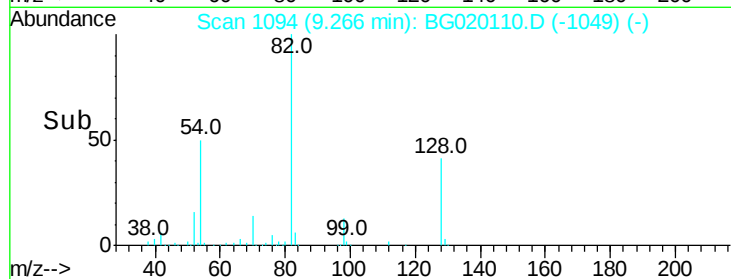
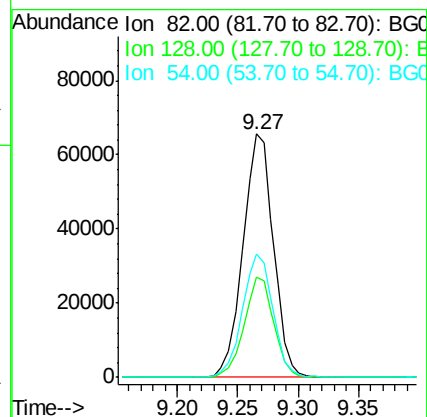
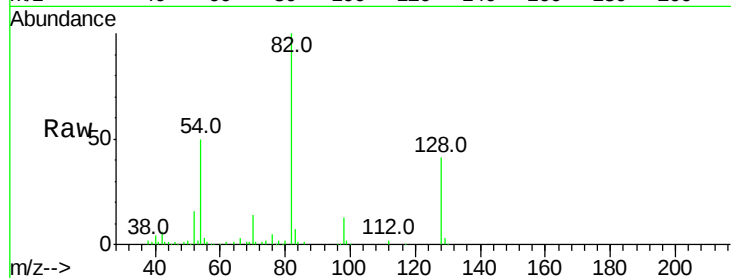




#23
Nitrobenzene-d5
Concen: 61.58 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

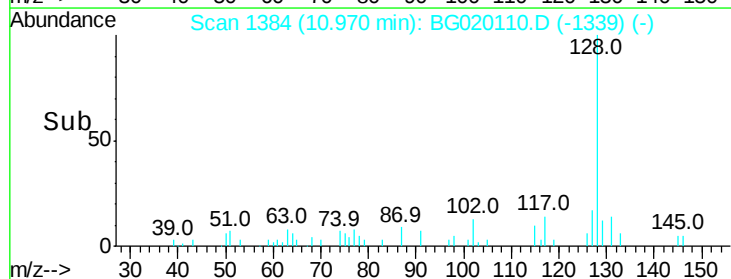
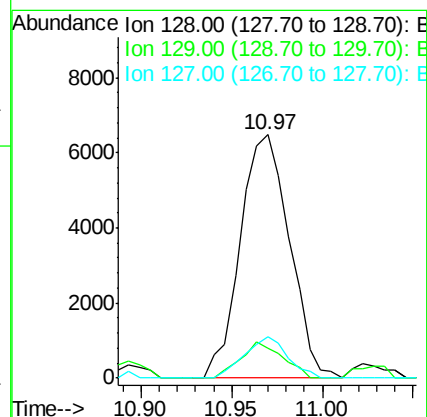
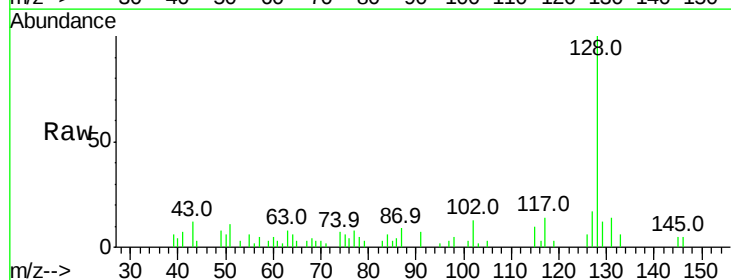
Instrument :
BNA_G
ClientSampleId :
W-31

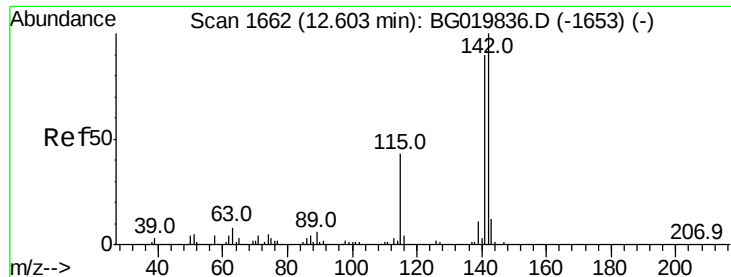
Tot Ion: 82 Resp: 115326
Ion Ratio Lower Upper
82 100
128 41.2 36.7 55.1
54 50.4 33.8 50.8



#31
Naphthalene
Concen: 2.38 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion: 128 Resp: 12206
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 17.2 10.6 16.0#

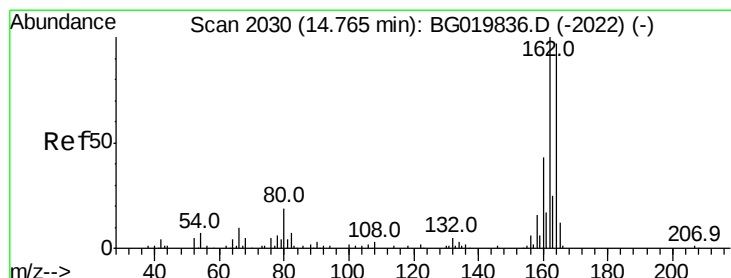
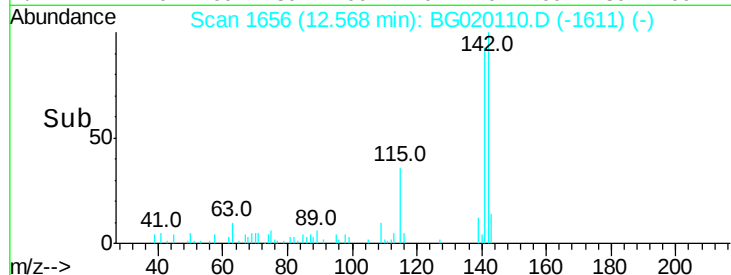
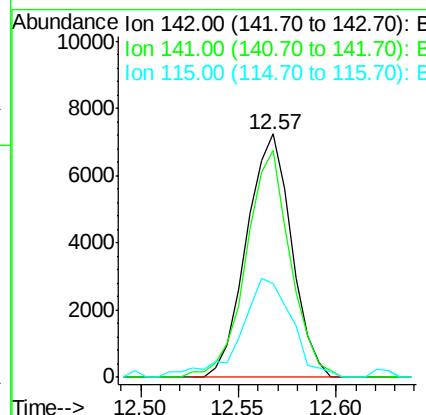
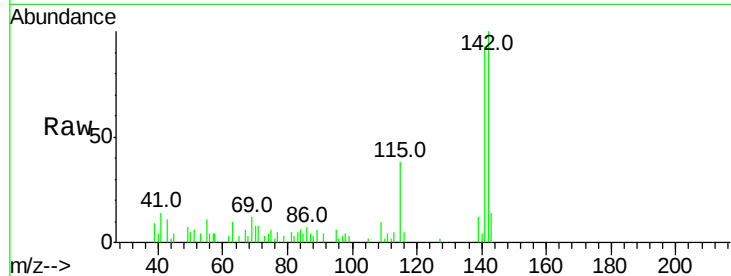




#37
2-Methylnaphthalene
Concen: 3.07 ng
RT: 12.57 min Scan# 1656
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

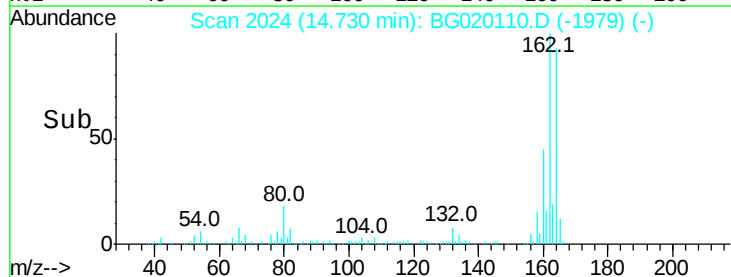
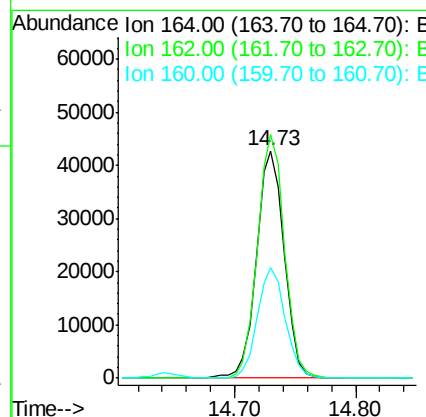
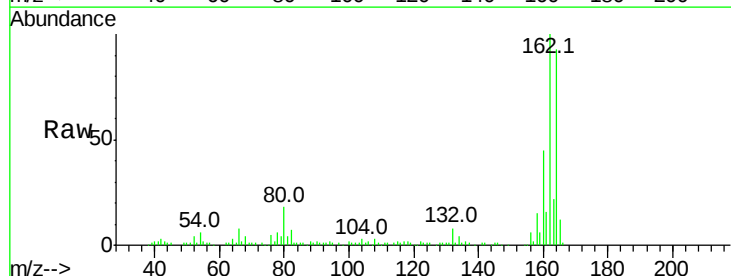
Instrument :
BNA_G
ClientSampled :
W-31

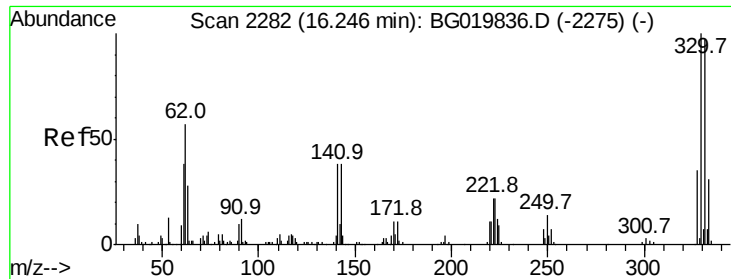
Tot Ion:142 Resp: 11508
Ion Ratio Lower Upper
142 100
141 93.1 74.6 112.0
115 38.4 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:164 Resp: 68435
Ion Ratio Lower Upper
164 100
162 107.0 78.8 118.2
160 48.7 36.4 54.6

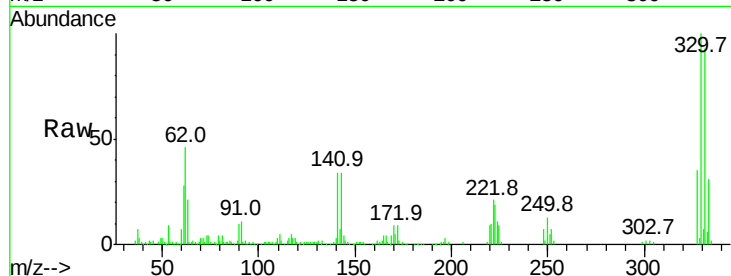




#41
 2,4,6-Tribromophenol
 Concen: 105.33 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020110.D
 Acq: 11 Dec 2015 17:30

Instrument :
 BNA_G
 ClientSampleId :
 W-31

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	36.5	28.2	42.2

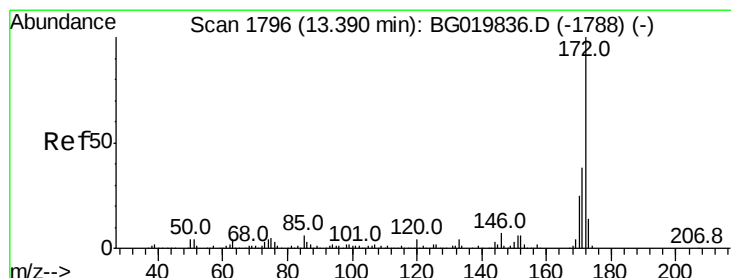
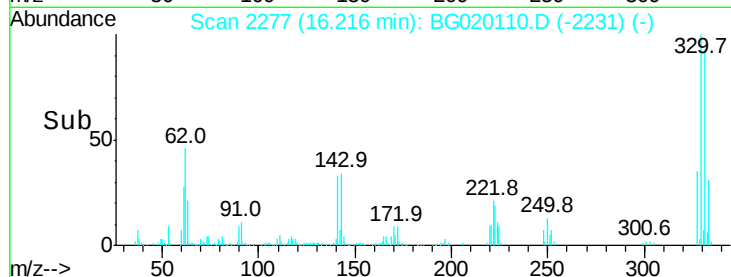
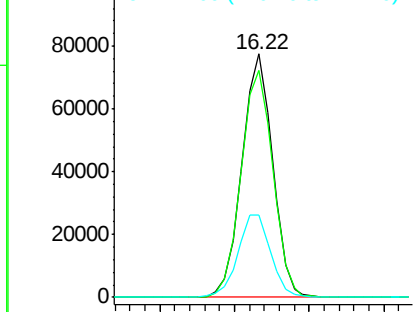


Abundance

Ion 329.80 (329.50 to 330.50): E

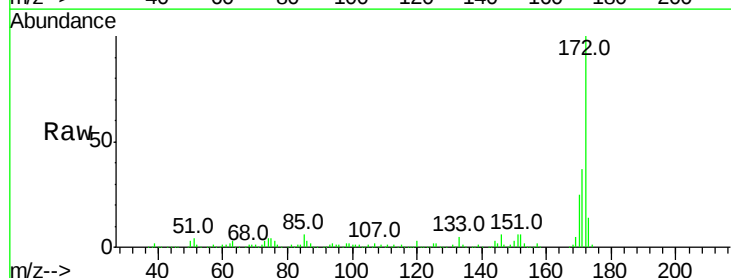
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.62 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020110.D
 Acq: 11 Dec 2015 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	25.0	19.9	29.9

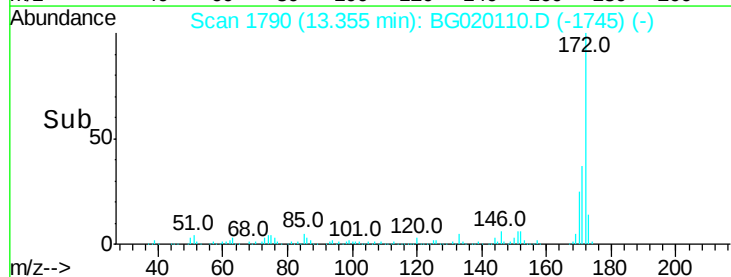
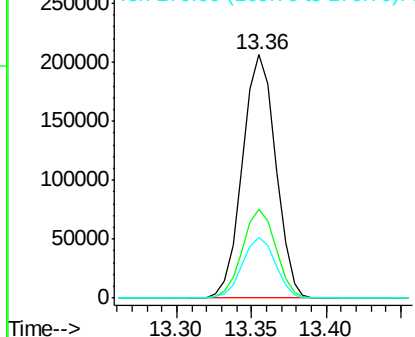


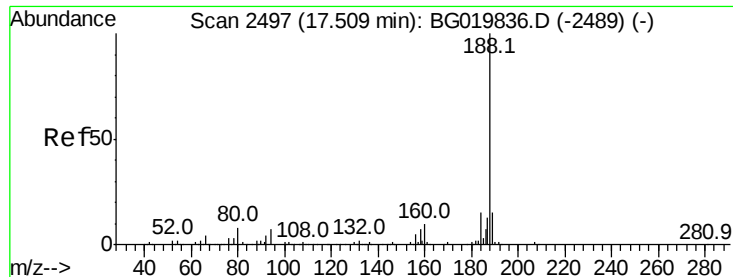
Abundance

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

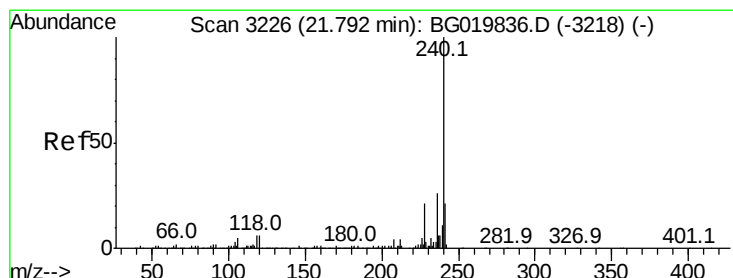
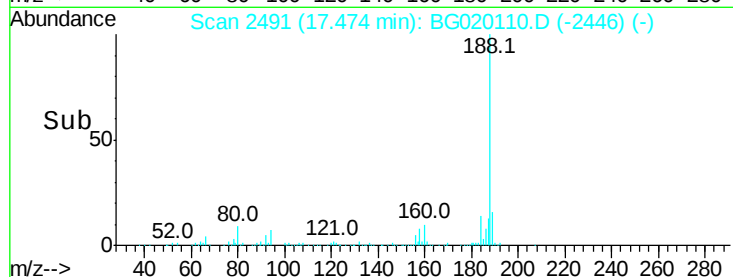
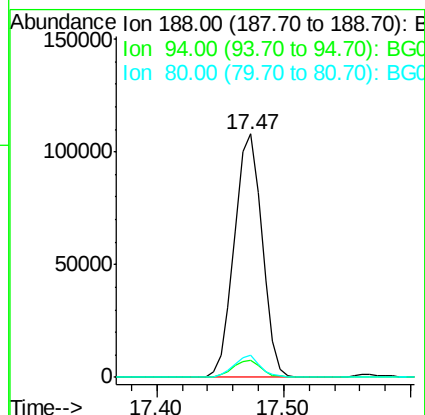
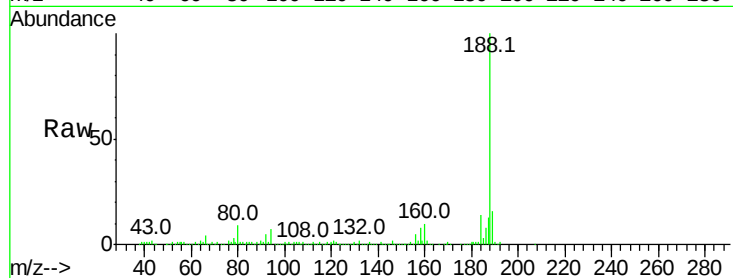




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

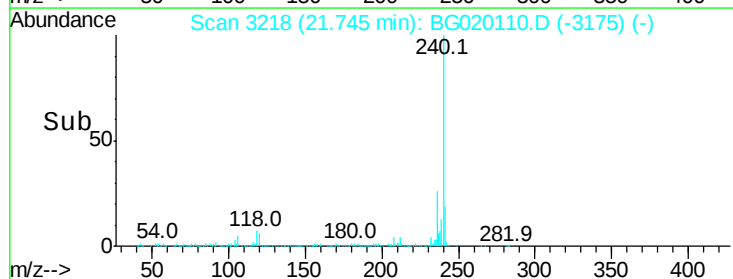
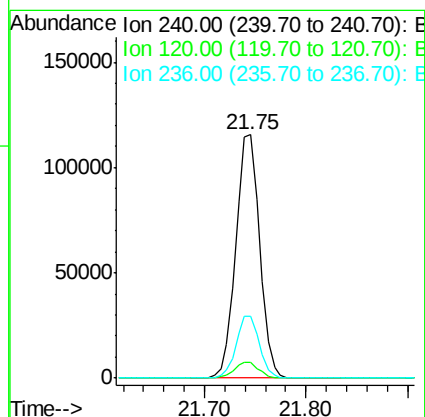
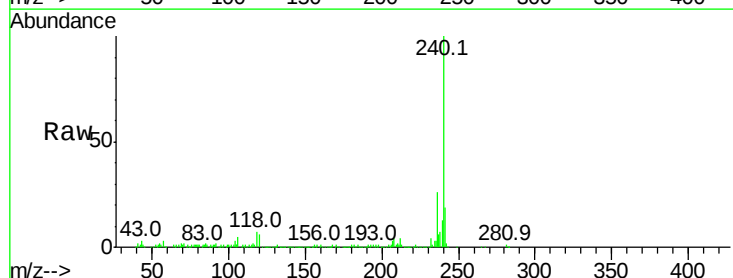
Instrument :
BNA_G
ClientSampleId :
W-31

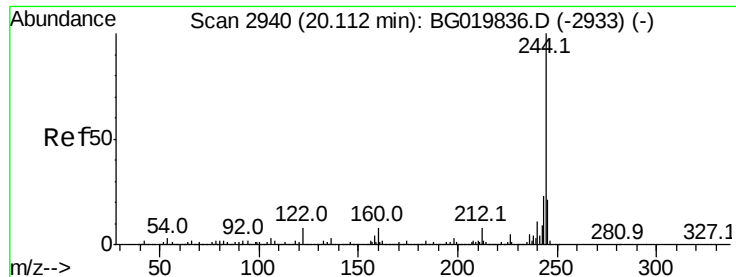
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.7	11.5#
80	9.0	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.05 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.4	11.0#
236	25.5	20.7	31.1

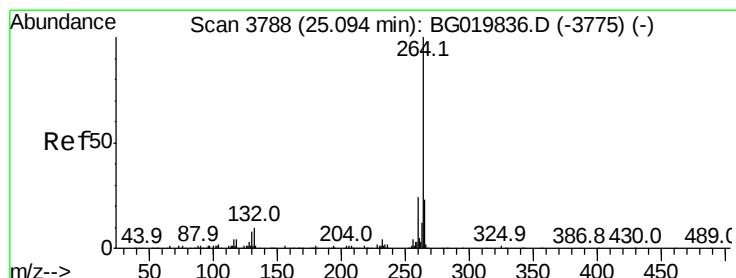
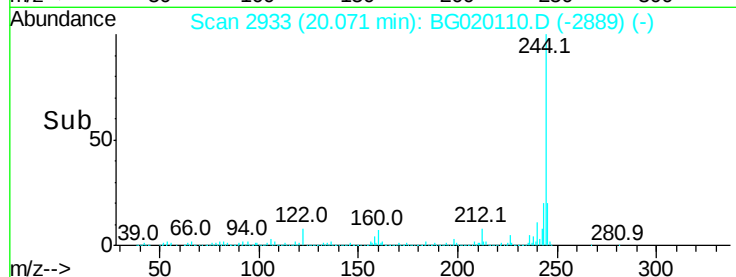
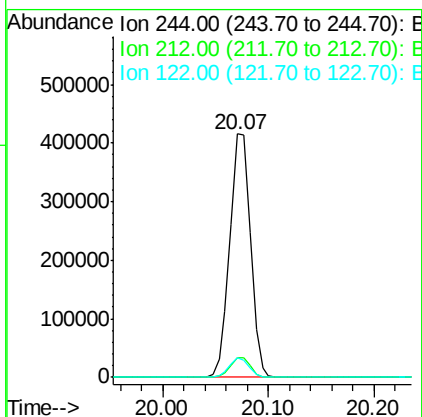
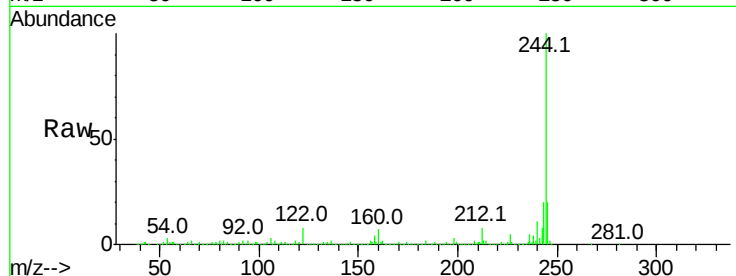




#78
 Terphenyl-d14
 Concen: 72.32 ng
 RT: 20.07 min Scan# 2933
 Delta R.T. -0.04 min
 Lab File: BG020110.D
 Acq: 11 Dec 2015 17:30

Instrument :
 BNA_G
 ClientSampleId :
 W-31

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	8.1	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.02 min Scan# 3775
 Delta R.T. -0.08 min
 Lab File: BG020110.D
 Acq: 11 Dec 2015 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	20.8	17.2	25.8

