

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016326.D
 Acq On : 10 Apr 2015 19:30
 Operator : TP/IZ
 Sample : G1791-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD09C

Quant Time: Apr 11 03:53:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 03:24:57 2015
 Response via : Initial Calibration

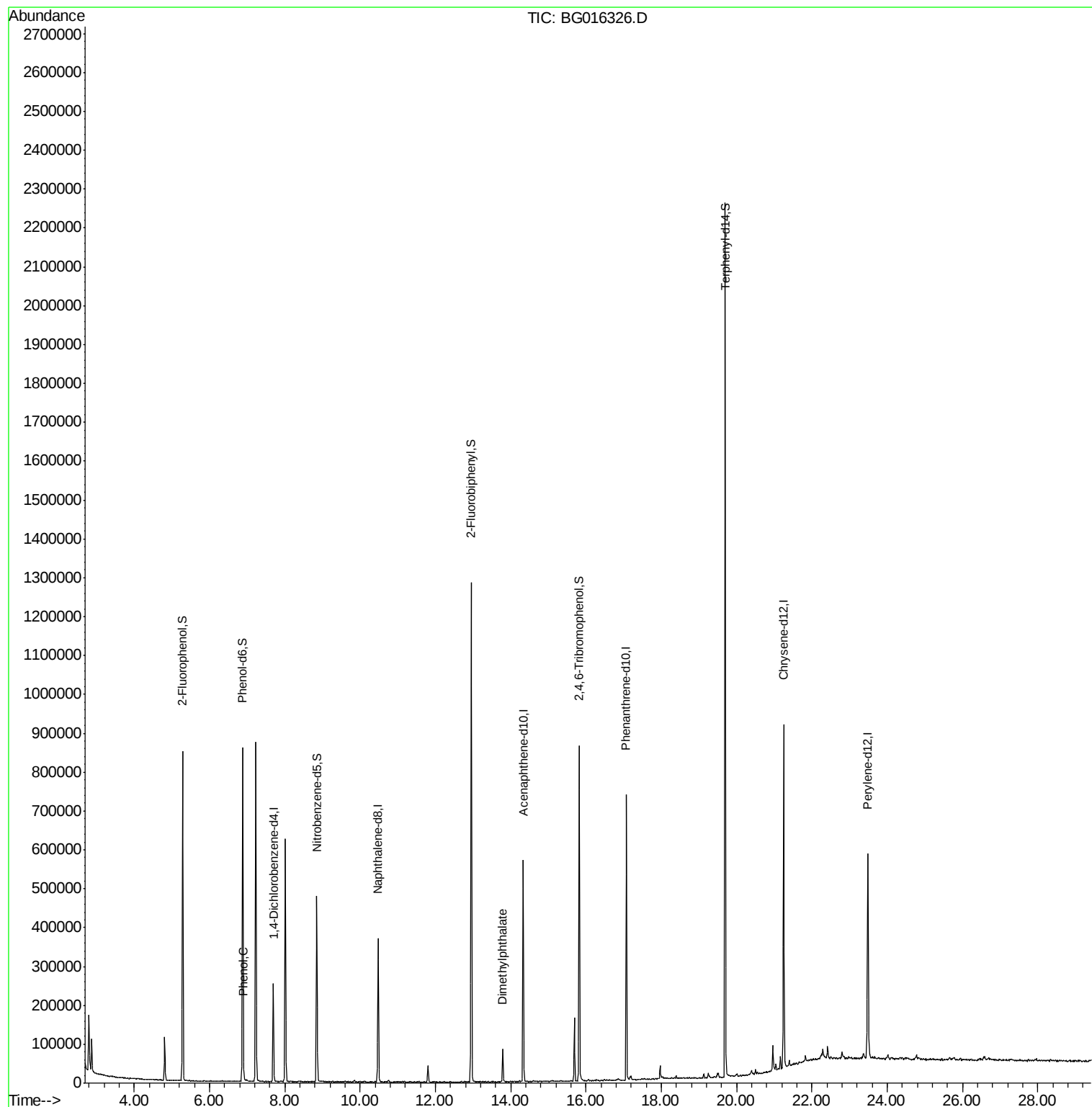
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	69227	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	309076	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	184923	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	381667	20.00	ng	0.00
75) Chrysene-d12	21.25	240	344357	20.00	ng	0.00
86) Perylene-d12	23.49	264	311378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	395018	90.05	ng	0.00
7) Phenol-d6	6.88	99	562533	85.43	ng	0.00
23) Nitrobenzene-d5	8.85	82	289449	54.25	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	117449	93.91	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	622663	57.33	ng	0.00
78) Terphenyl-d14	19.70	244	839175	57.03	ng	0.00
Target Compounds						
10) Phenol	6.91	94	14853	2.11	ng	94
49) Dimethylphthalate	13.79	163	55756	4.11	ng	99

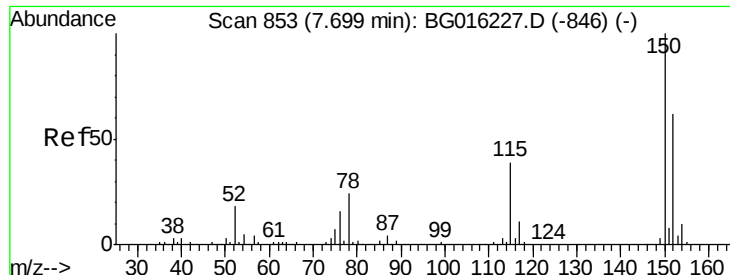
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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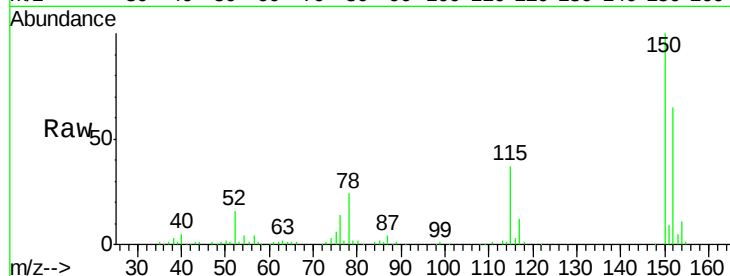


#1

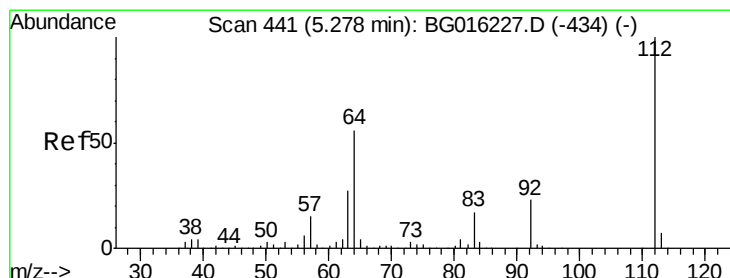
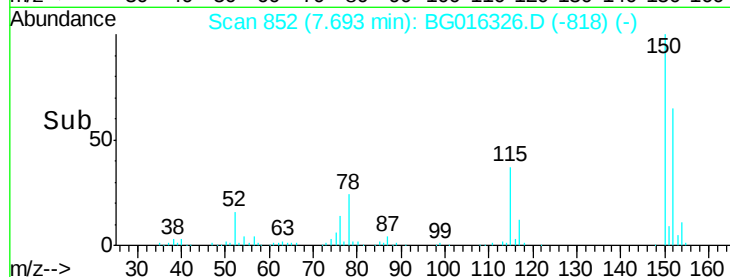
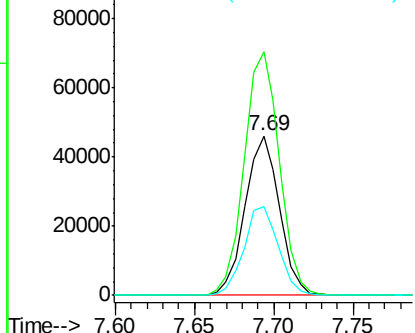
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

Instrument :
BNA_G
ClientSampleId :
LS-SD09C

Tgt Ion:152 Resp: 69227
Ion Ratio Lower Upper
152 100
150 152.7 130.1 195.1
115 55.8 50.5 75.7



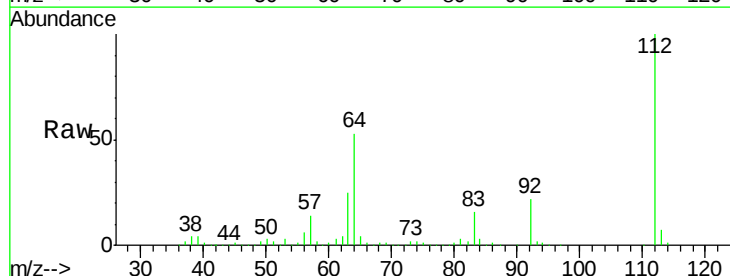
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



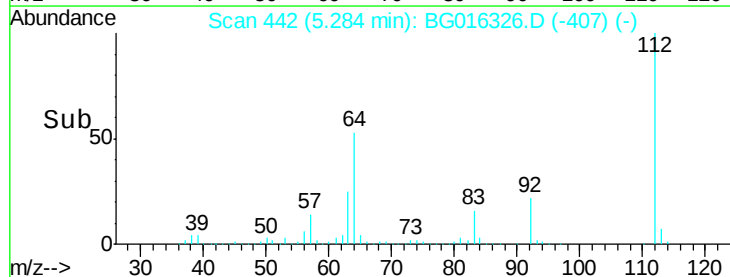
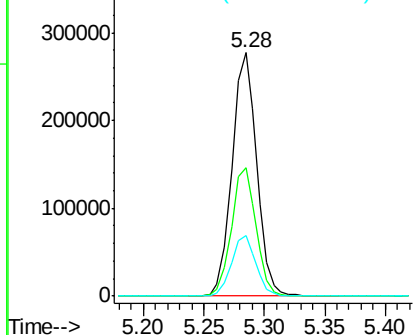
#5

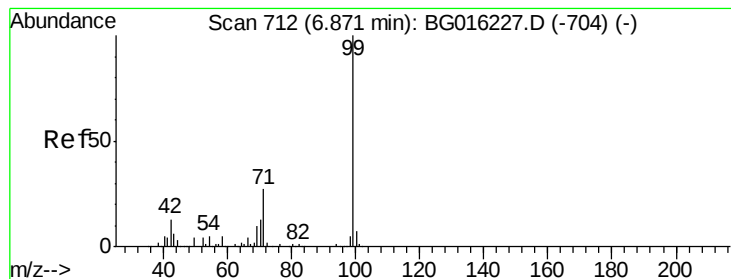
2-Fluorophenol
Concen: 90.05 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

Tgt Ion:112 Resp: 395018
Ion Ratio Lower Upper
112 100
64 52.8 44.5 66.7
63 25.1 21.4 32.0



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: 85.43 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

LS-SD09C

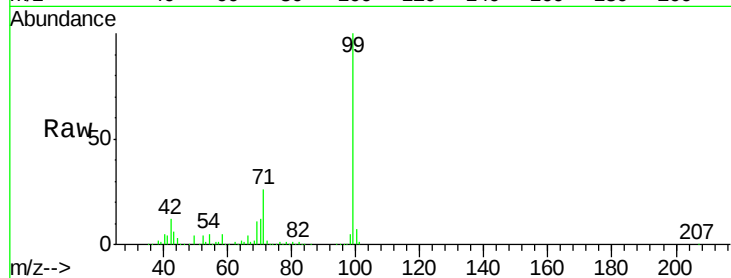
Tgt Ion: 99 Resp: 562533

Ion Ratio Lower Upper

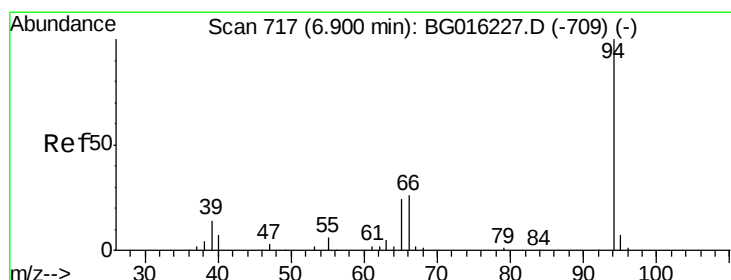
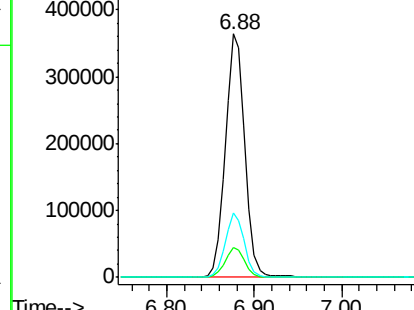
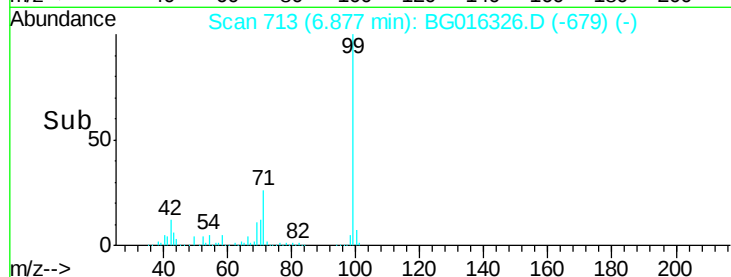
99 100

42 12.2 10.0 15.0

71 26.2 21.5 32.3



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: 2.11 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

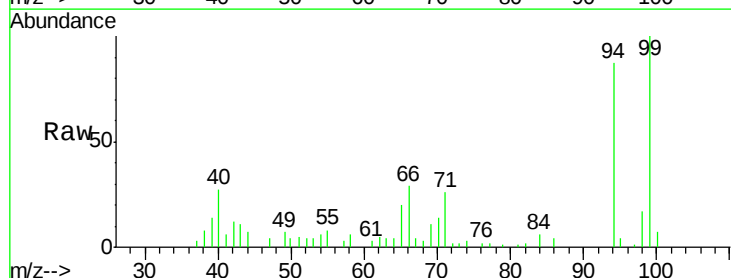
Tgt Ion: 94 Resp: 14853

Ion Ratio Lower Upper

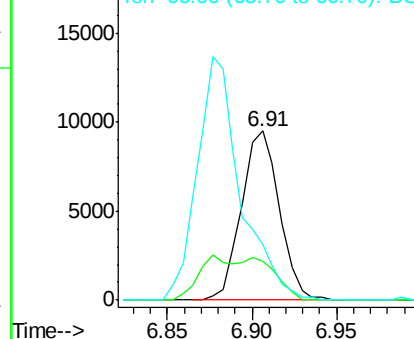
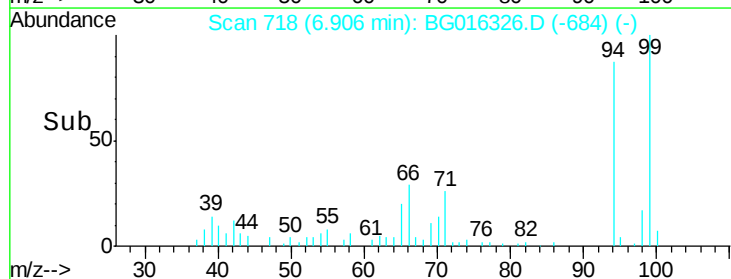
94 100

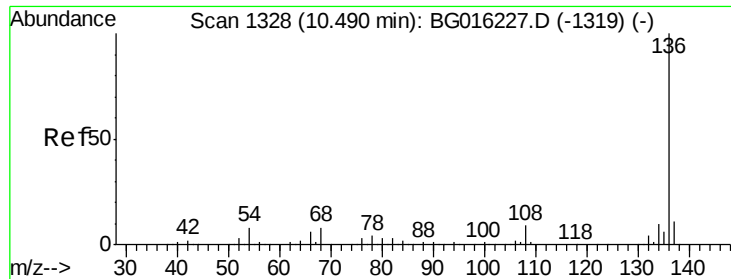
65 23.1 3.8 43.8

66 32.7 7.4 47.4



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

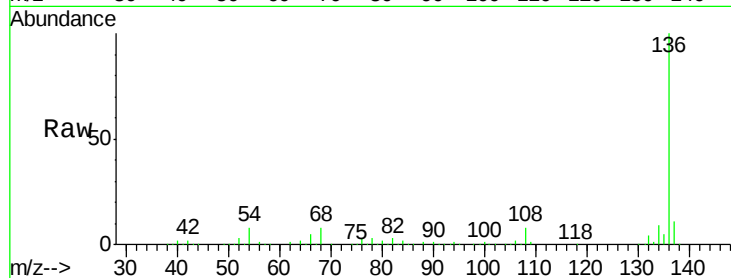




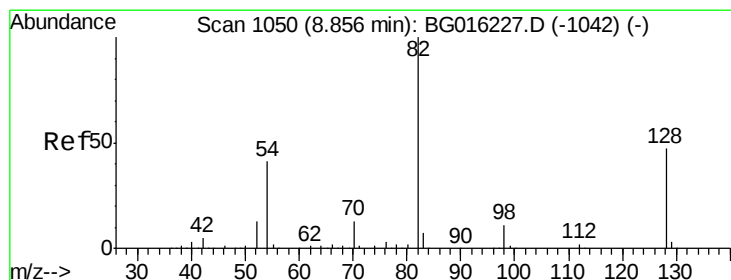
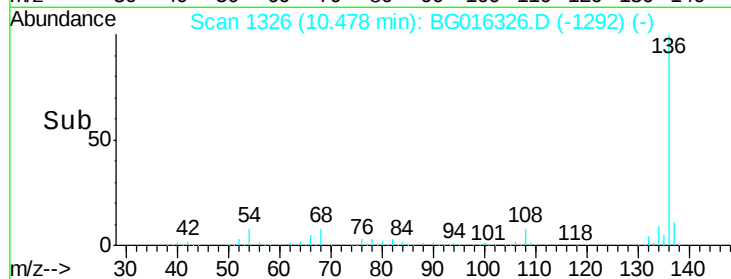
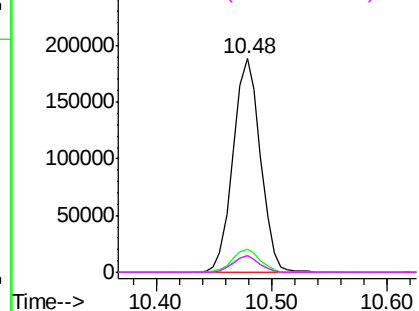
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

Instrument :
BNA_G
ClientSampleId :
LS-SD09C

Tgt Ion:	136	Resp:	309076
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.6	6.3	9.5
68	7.5	6.5	9.7

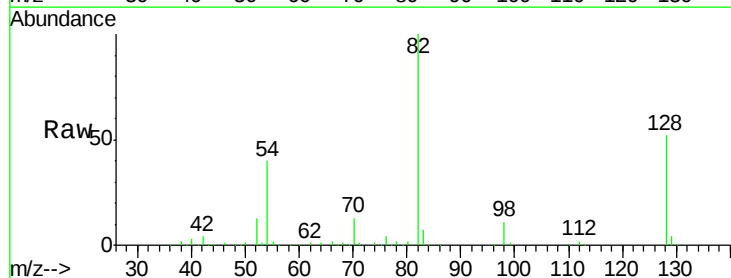


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

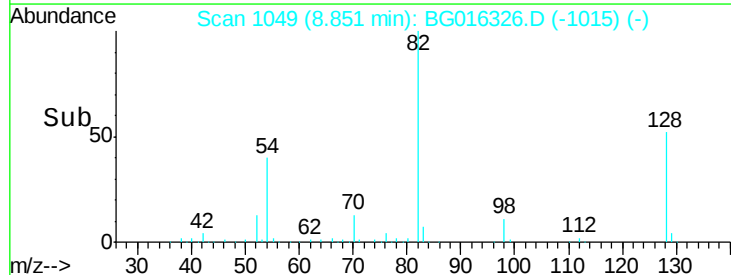
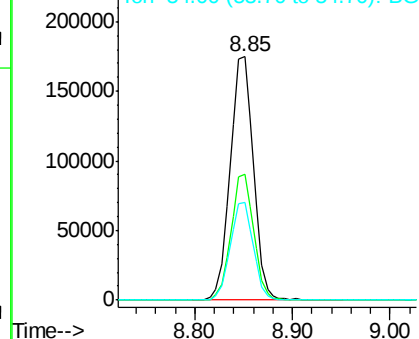


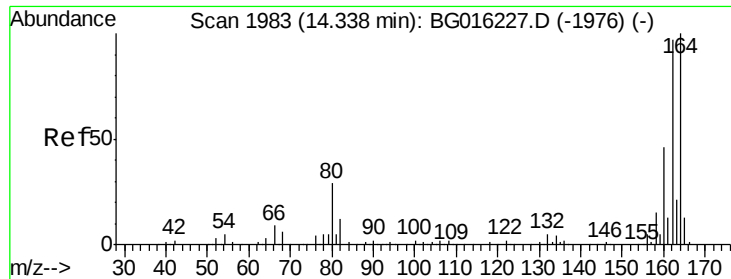
#23
Nitrobenzene-d5
Concen: 54.25 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

Tgt Ion:	82	Resp:	289449
Ion	Ratio	Lower	Upper
82	100		
128	51.9	37.8	56.8
54	40.2	32.6	49.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

LS-SD09C

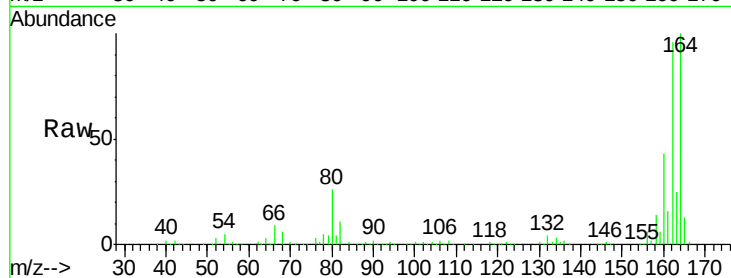
Tgt Ion:164 Resp: 184923

Ion Ratio Lower Upper

164 100

162 95.6 77.3 115.9

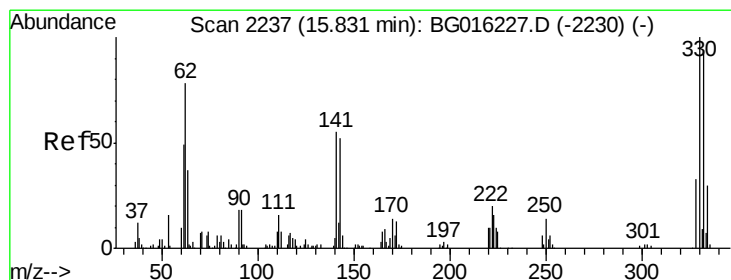
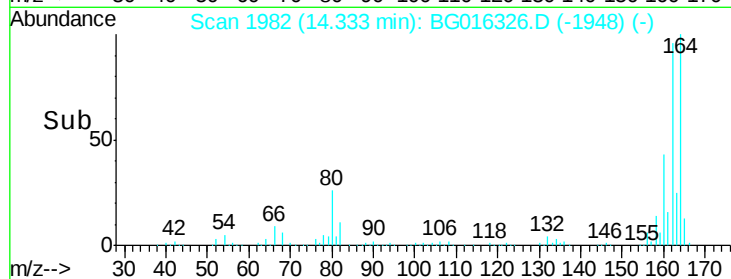
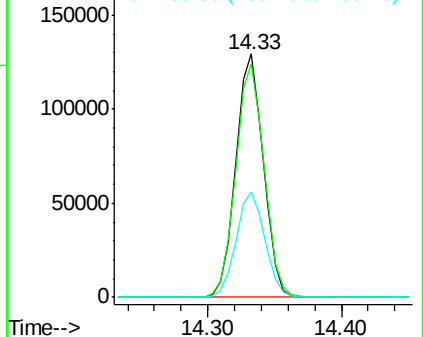
160 43.1 36.7 55.1



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: 93.91 ng

RT: 15.82 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

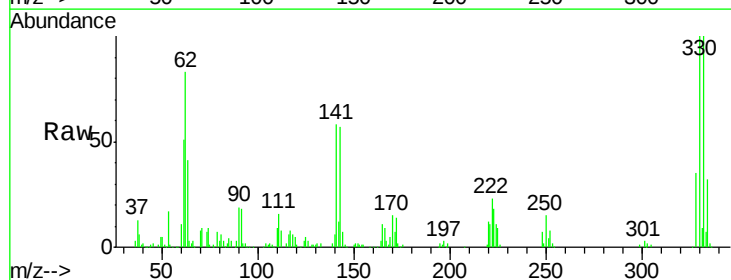
Tgt Ion:330 Resp: 117449

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

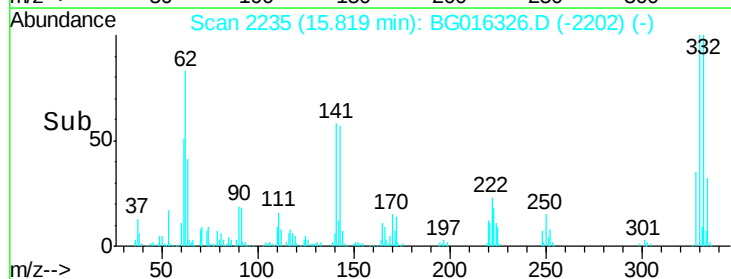
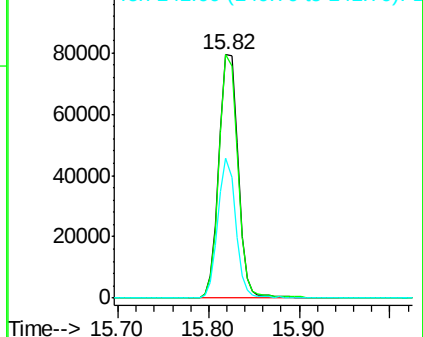
141 53.0 46.6 69.8

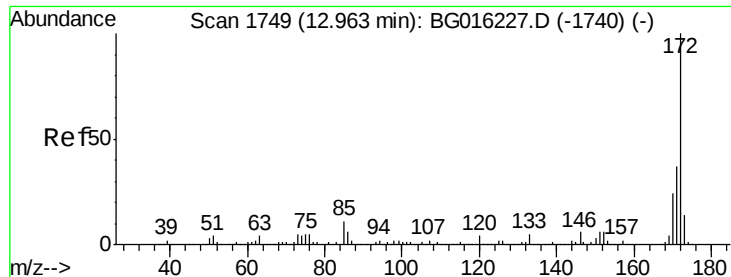


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

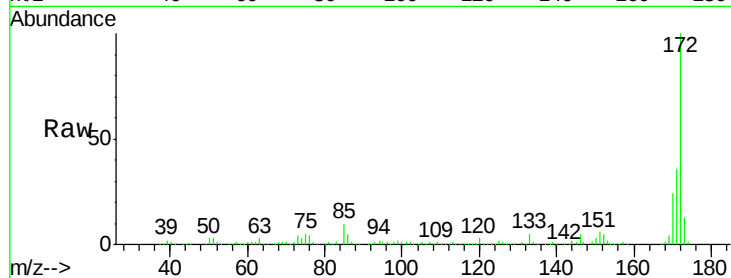




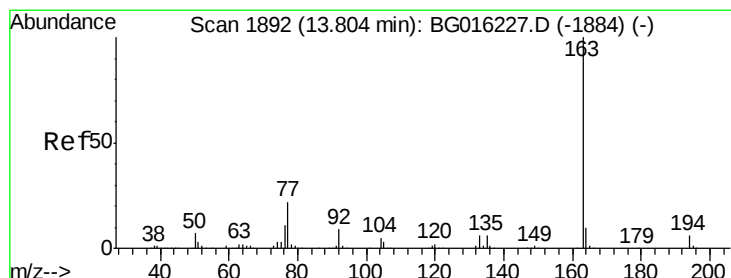
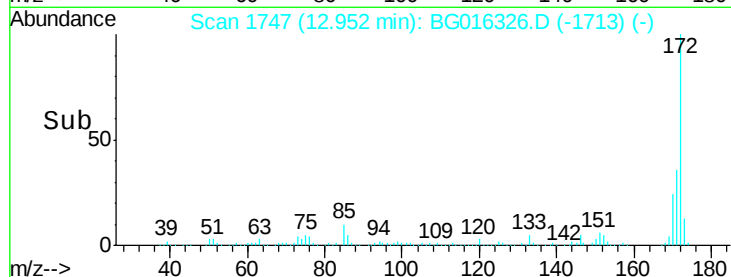
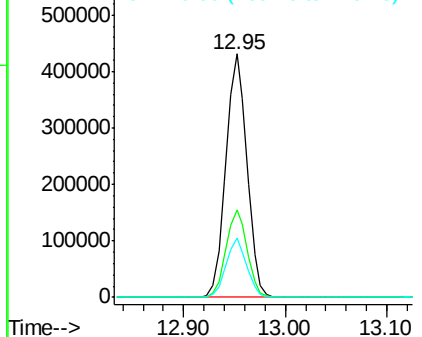
#44
2-Fluorobiphenyl
Concen: 57.33 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

Instrument :
BNA_G
ClientSampleId :
LS-SD09C

Tgt Ion:172 Resp: 622663
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.3 19.4 29.2

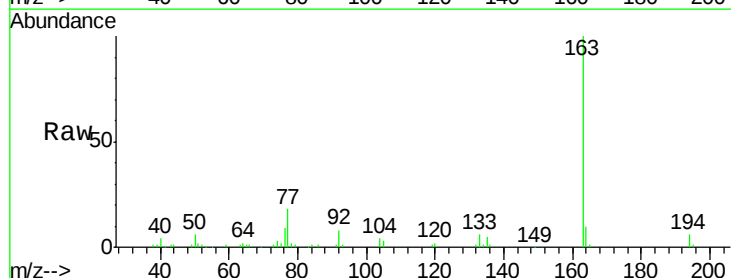


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

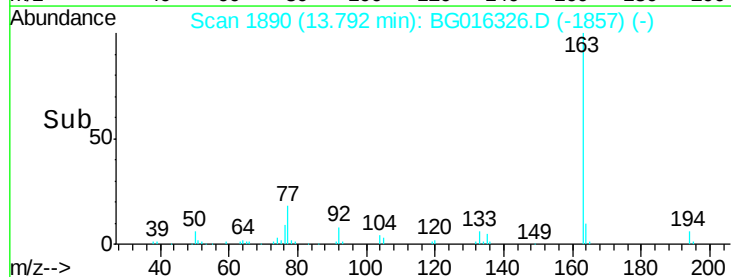
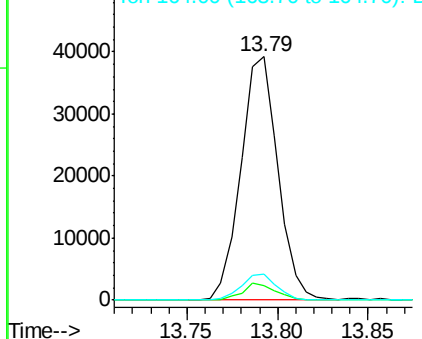


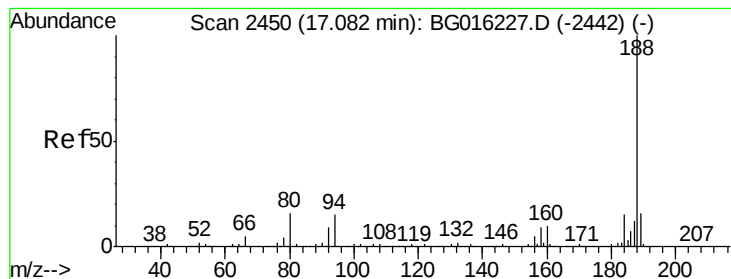
#49
Dimethylphthalate
Concen: 4.11 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

Tgt Ion:163 Resp: 55756
Ion Ratio Lower Upper
163 100
194 6.0 5.0 7.4
164 10.5 8.2 12.4



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: 17.07 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

LS-SD09C

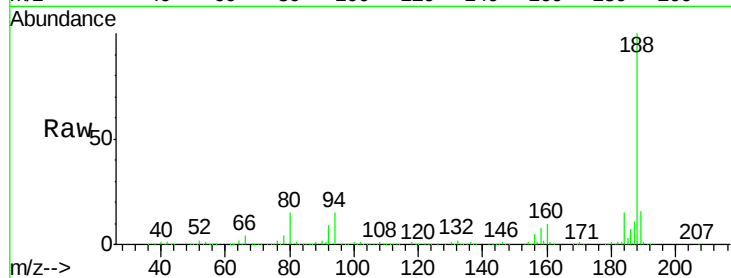
Tgt Ion:188 Resp: 381667

Ion Ratio Lower Upper

188 100

94 14.7 12.2 18.4

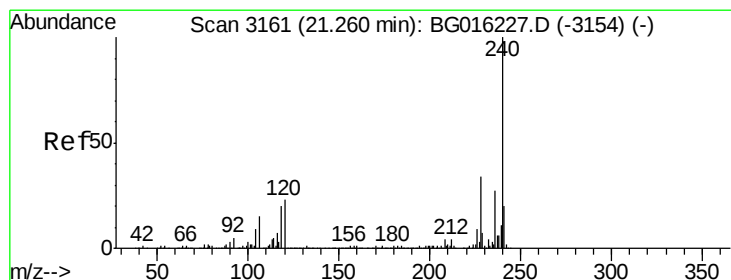
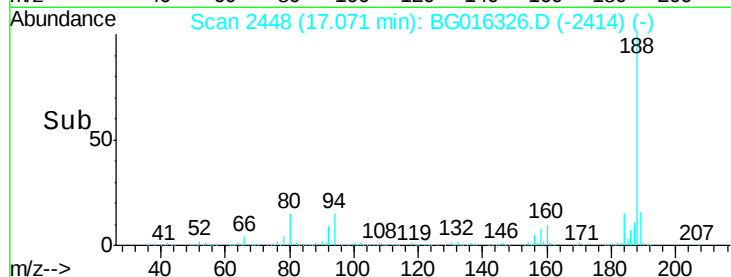
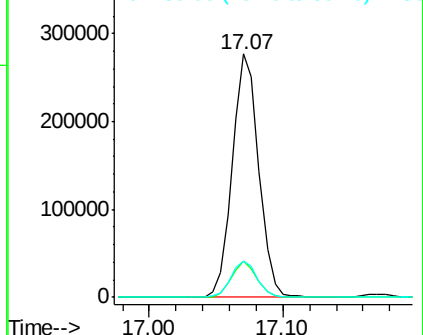
80 15.1 12.8 19.2



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: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

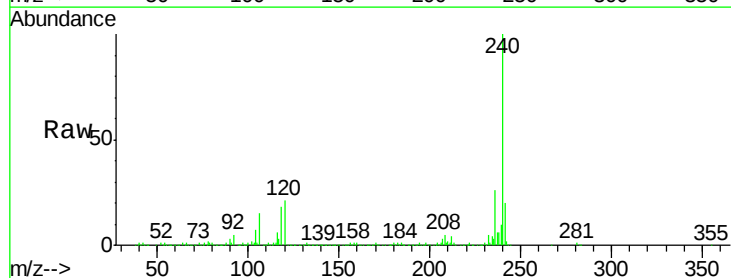
Tgt Ion:240 Resp: 344357

Ion Ratio Lower Upper

240 100

120 21.2 18.6 28.0

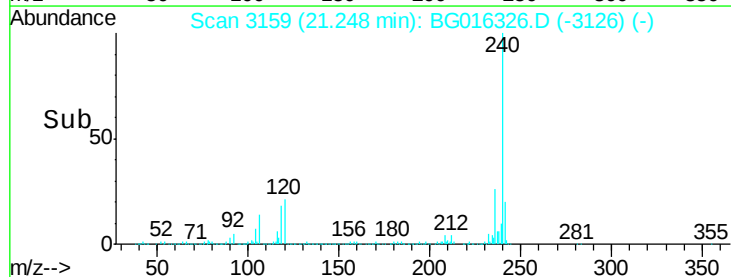
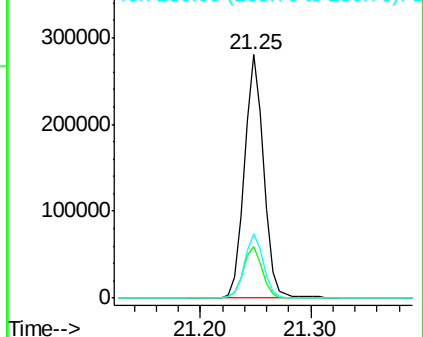
236 26.2 21.7 32.5

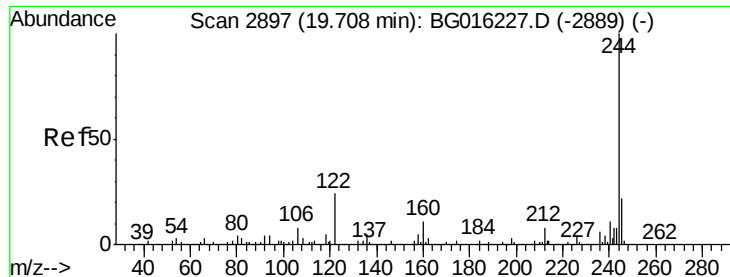


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.03 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

LS-SD09C

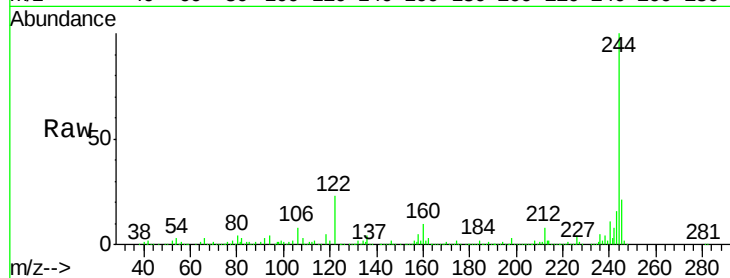
Tgt Ion:244 Resp: 839175

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

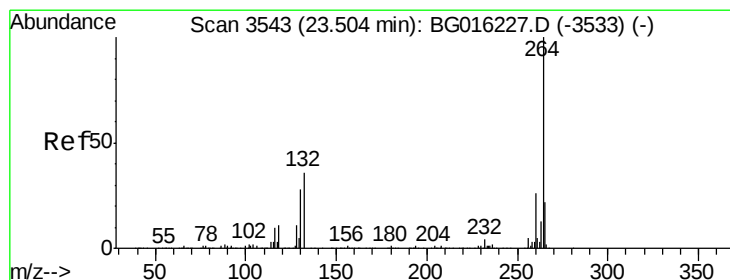
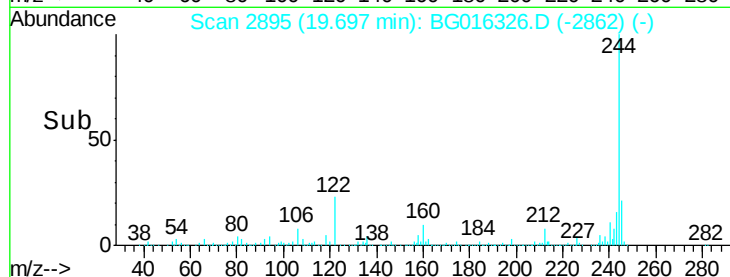
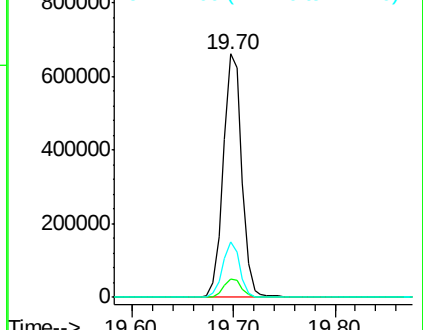
122 22.9 19.1 28.7



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: 23.49 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

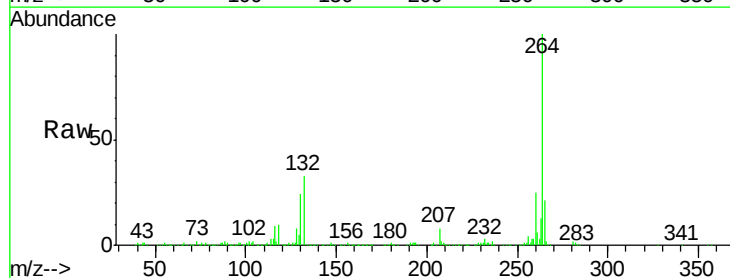
Tgt Ion:264 Resp: 311378

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 20.9 17.2 25.8



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

