

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 03:40:11 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

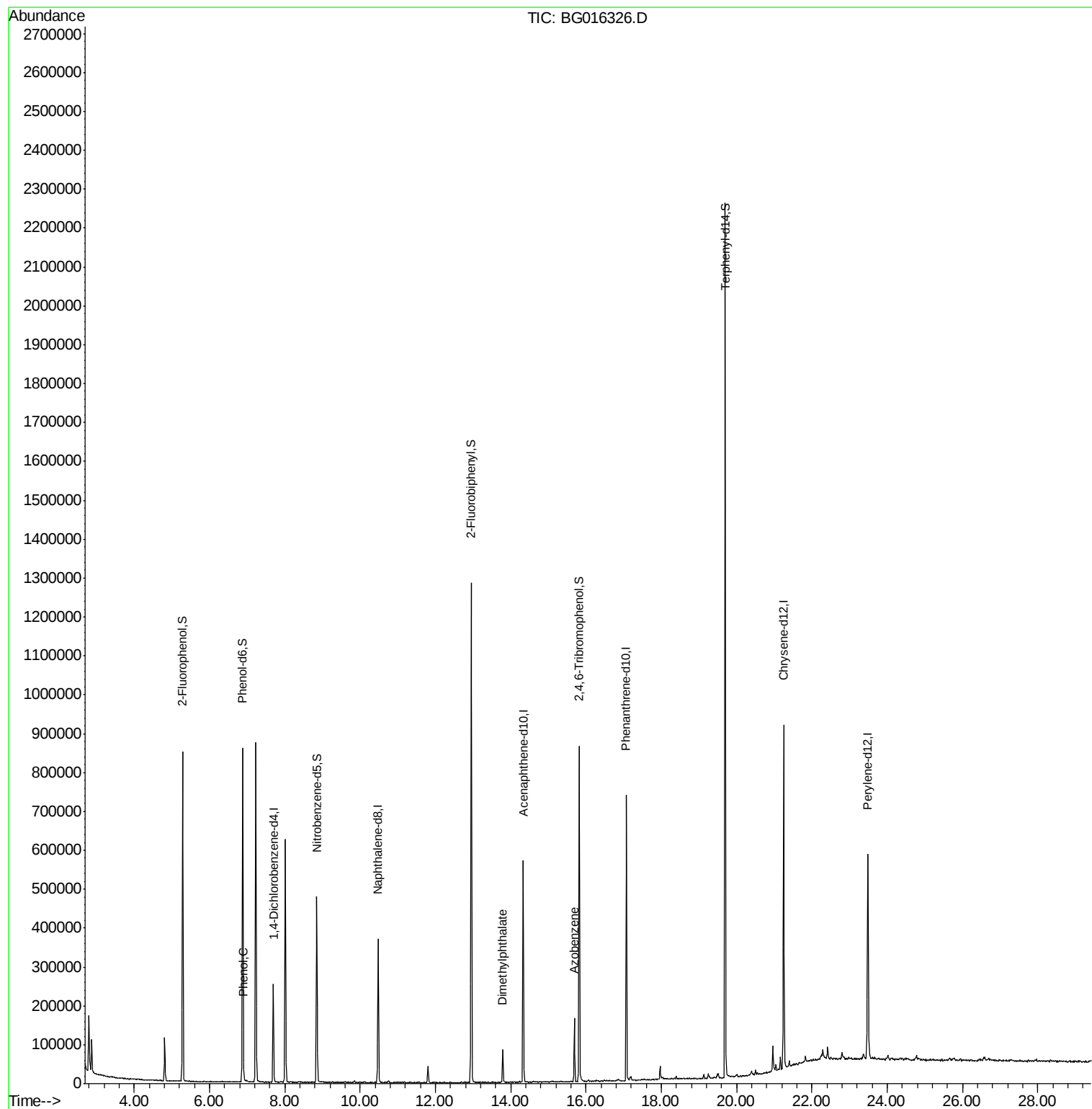
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	69227	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	309076	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	184923	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	381667	20.00	ng	0.00
75) Chrysene-d12	21.25	240	344357	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
62) Azobenzene	15.69	77	43890	2.86	ng	# 1

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

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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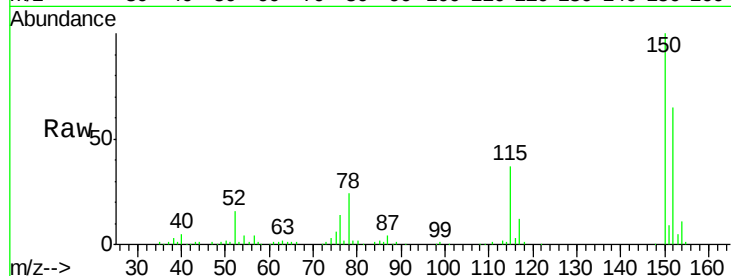


#1

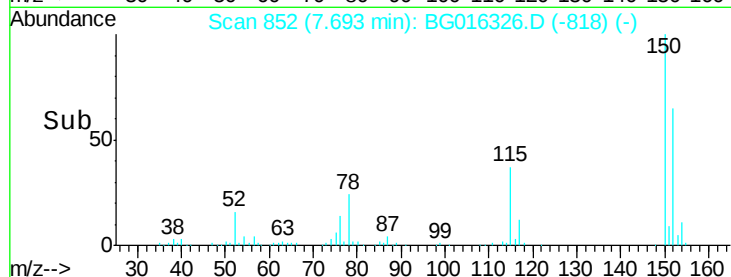
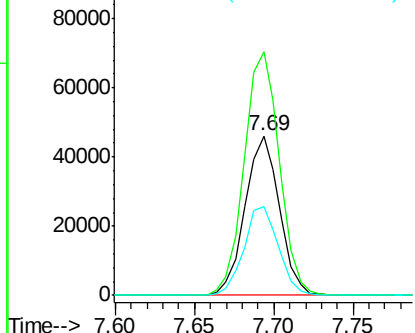
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016326.D
 Acq: 10 Apr 2015 19:30

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



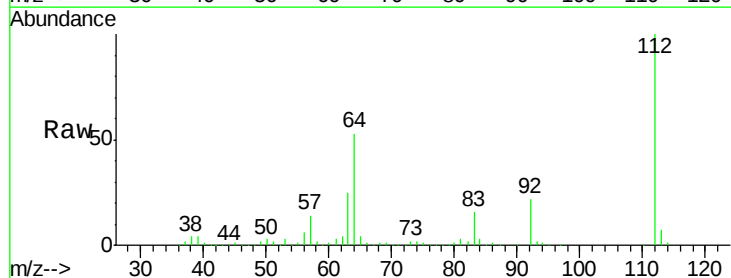
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



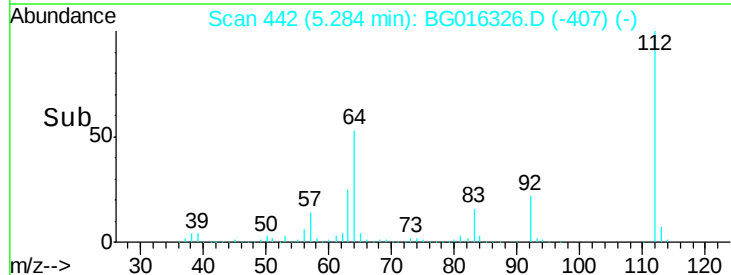
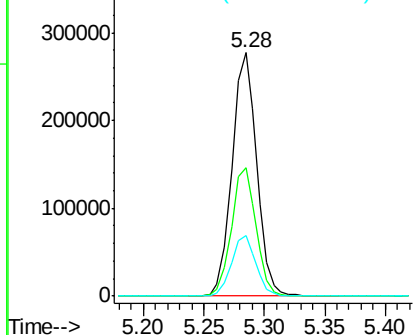
#5

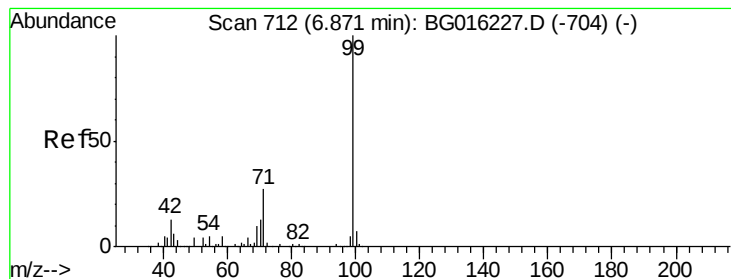
2-Fluorophenol
 Concen: 90.05 ng
 RT: 5.28 min Scan# 442
 Delta R.T. 0.01 min
 Lab File: BG016326.D
 Acq: 10 Apr 2015 19:30

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

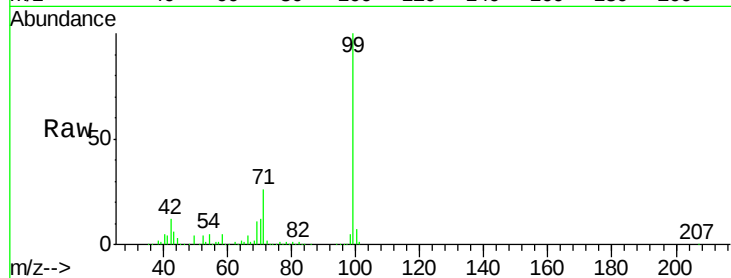
Tgt Ion: 99 Resp: 562533

Ion Ratio Lower Upper

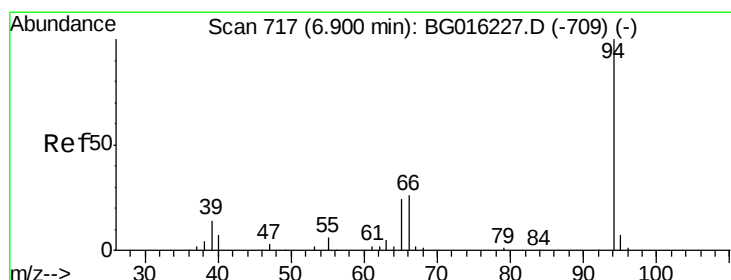
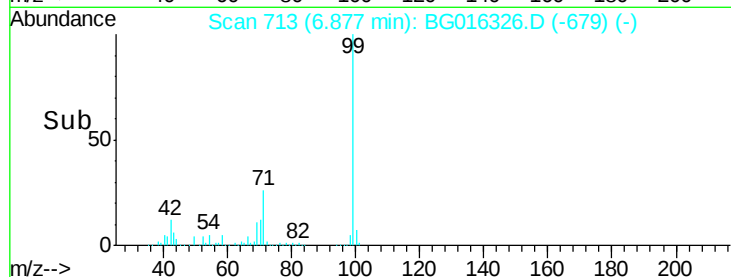
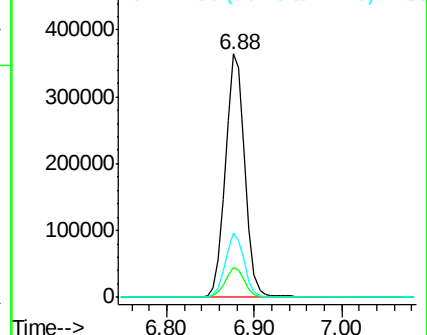
99 100

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

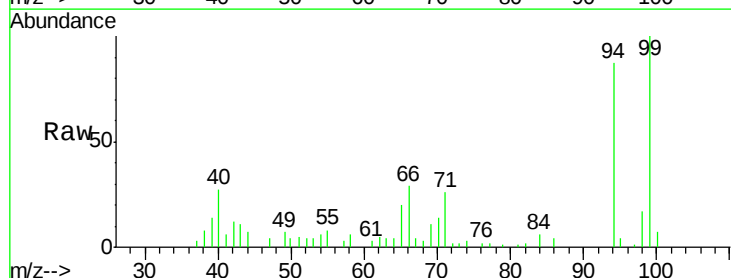
Tgt Ion: 94 Resp: 14853

Ion Ratio Lower Upper

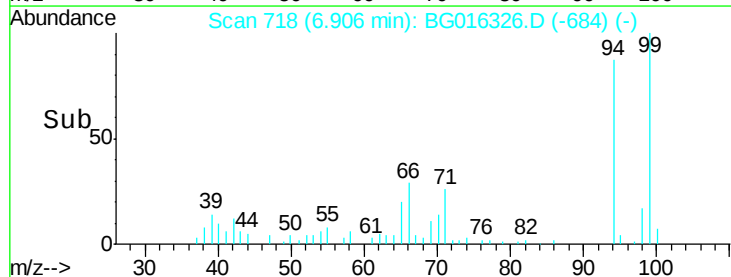
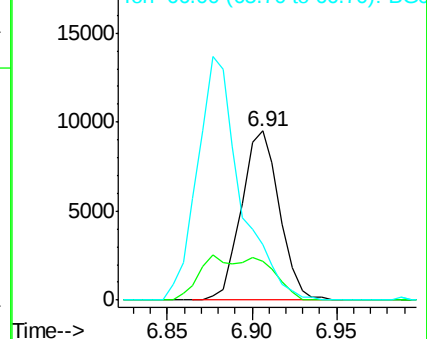
94 100

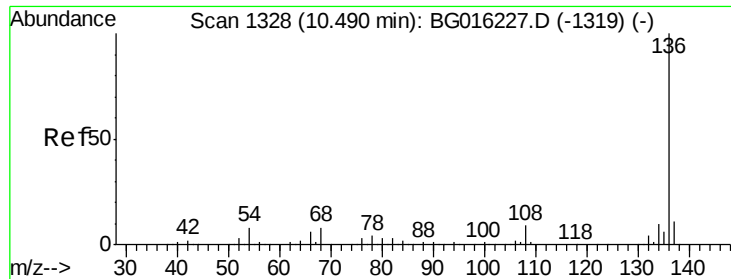
65 23.1 3.8 43.8

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

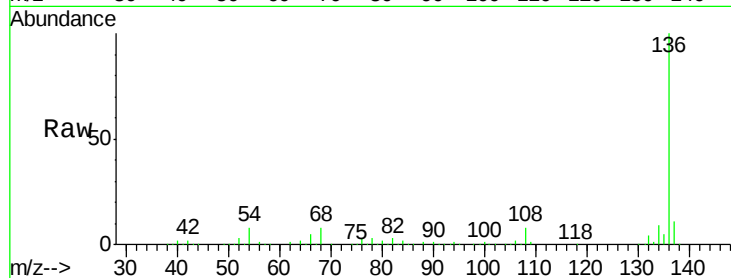




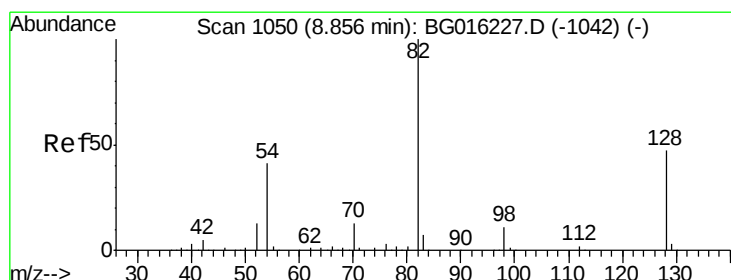
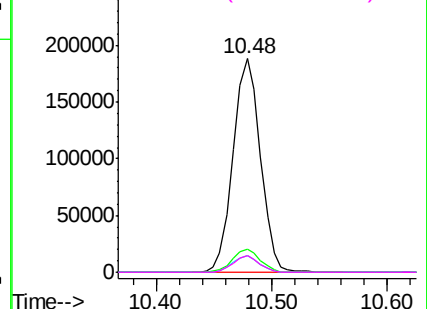
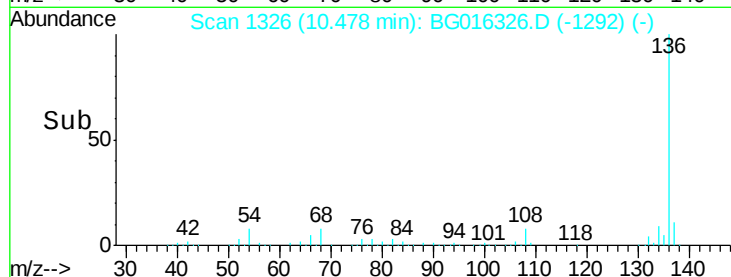
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

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

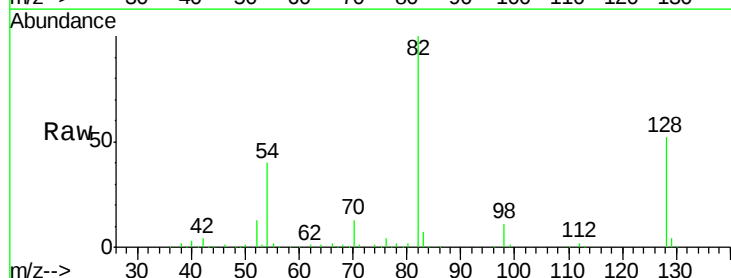


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

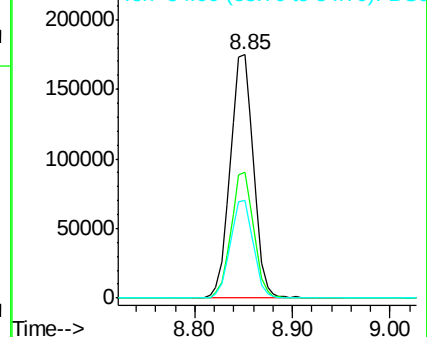
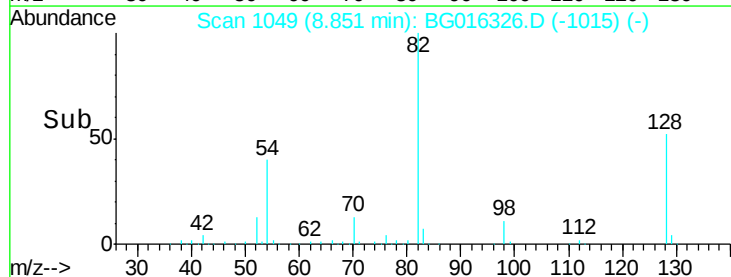


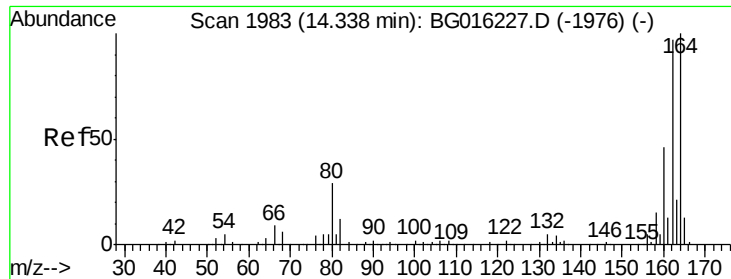
#23
Nitrobenzene-d5
Concen: 54.25 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

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

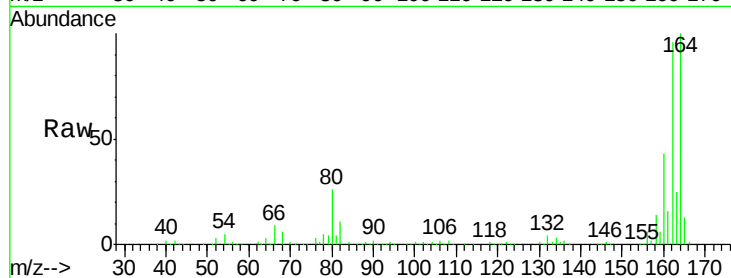
Tgt Ion:164 Resp: 184923

Ion Ratio Lower Upper

164 100

162 95.6 77.3 115.9

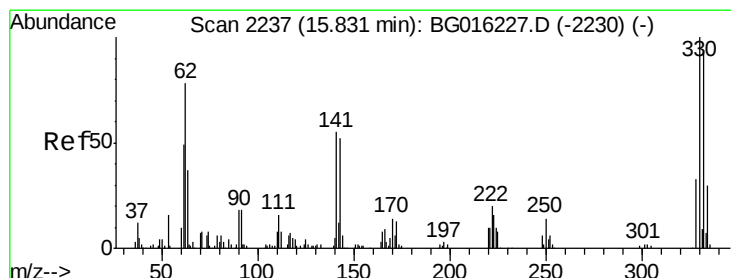
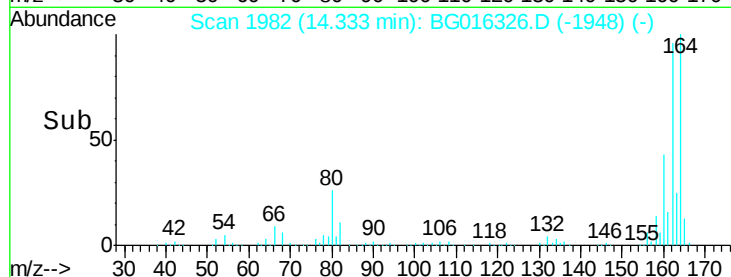
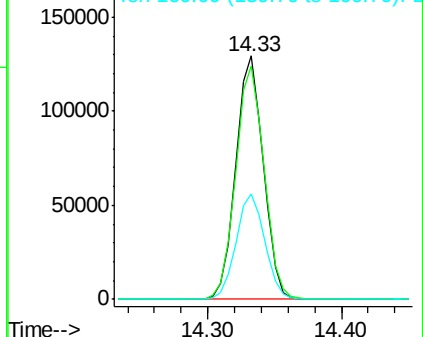
160 43.1 36.7 55.1



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

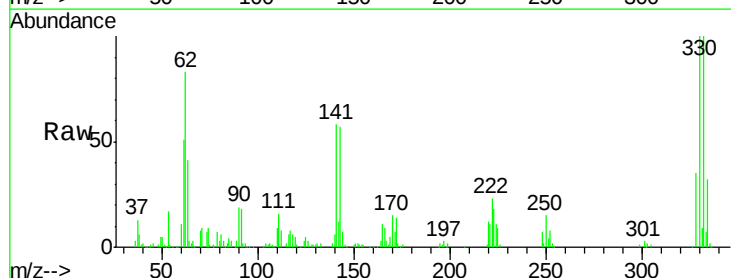
Tgt Ion:330 Resp: 117449

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

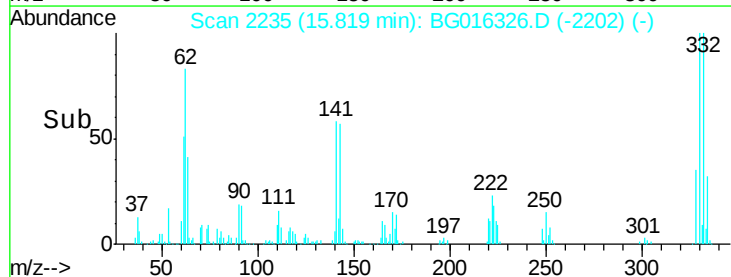
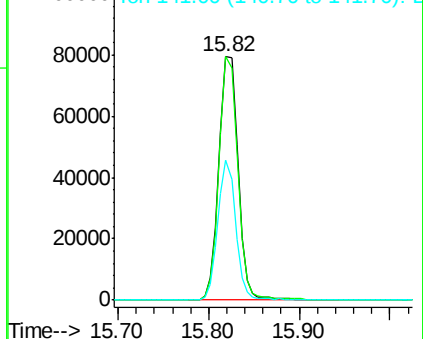
141 53.0 46.6 69.8

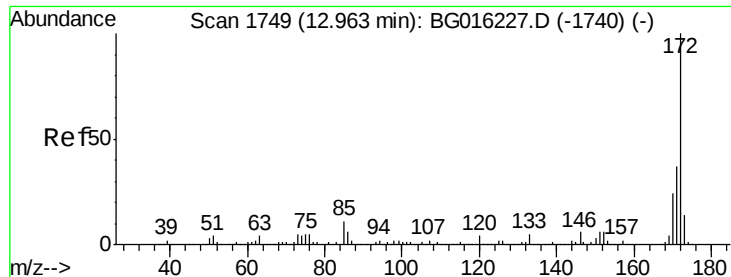


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

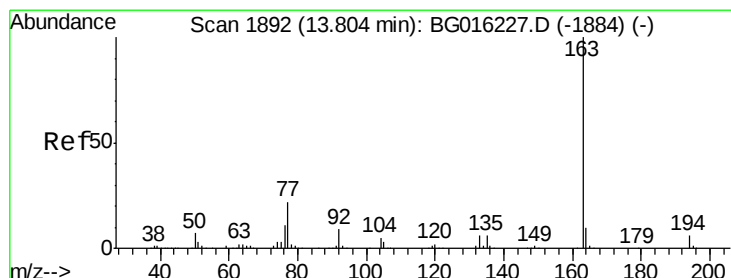
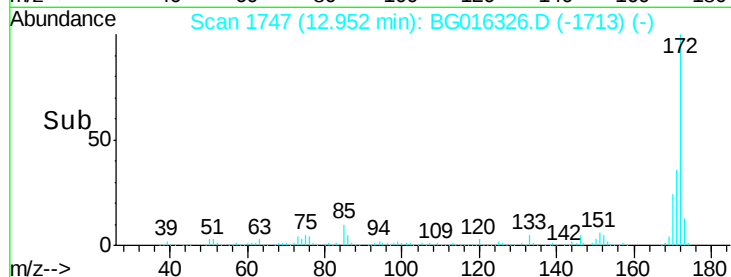
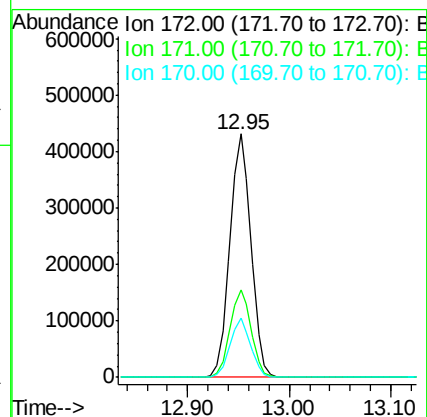
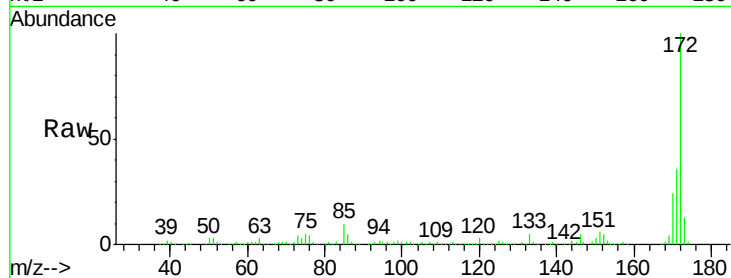




#44
2-Fluorobiphenyl
Concen: 57.33 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

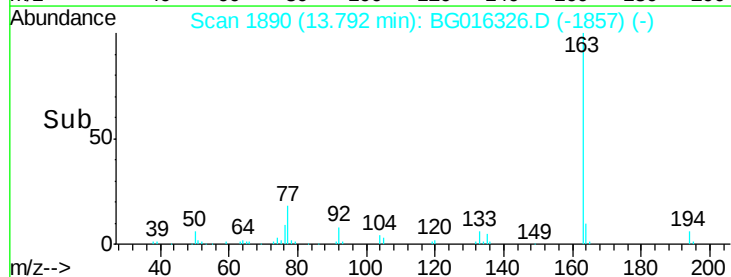
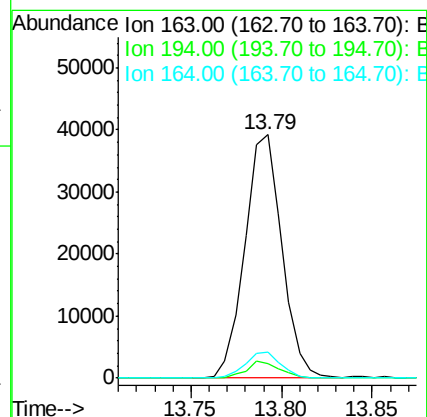
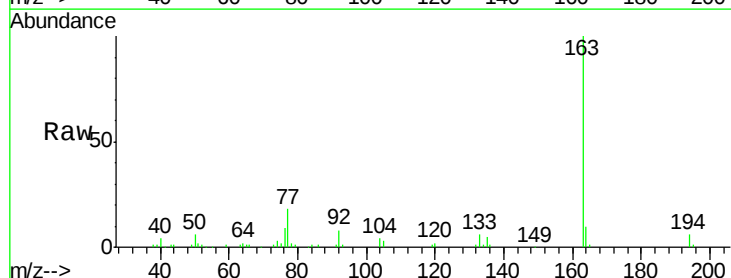
Instrument :
BNA_G
ClientSampleId :
LS-SD09C

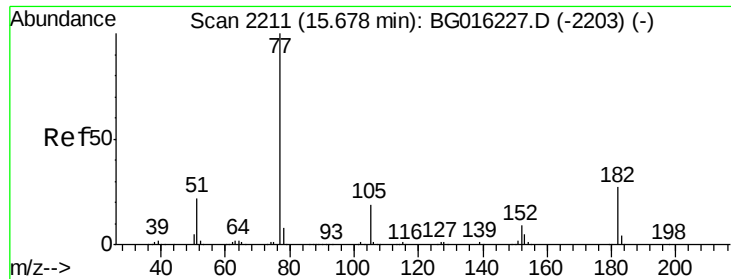
Tgt Ion:172 Resp: 622663
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.3 19.4 29.2



#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





#62

Azobenzene

Concen: 2.86 ng

RT: 15.69 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BG016326.D

Acq: 10 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

LS-SD09C

Tgt Ion: 77 Resp: 43890

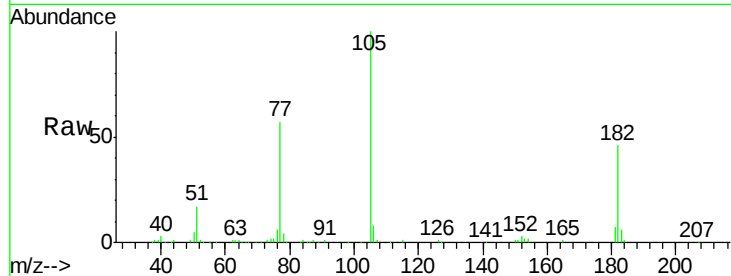
Ion Ratio Lower Upper

77 100

182 80.0 6.6 46.6#

105 174.3 0.0 39.2#

51 30.5 2.0 42.0

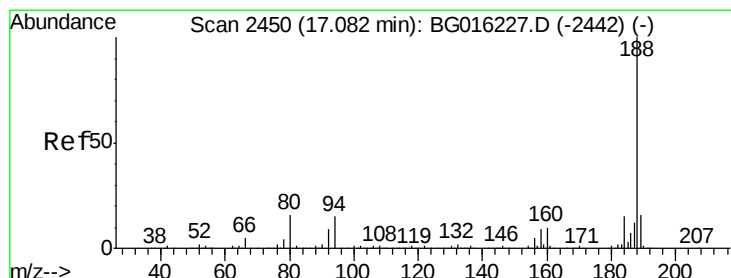
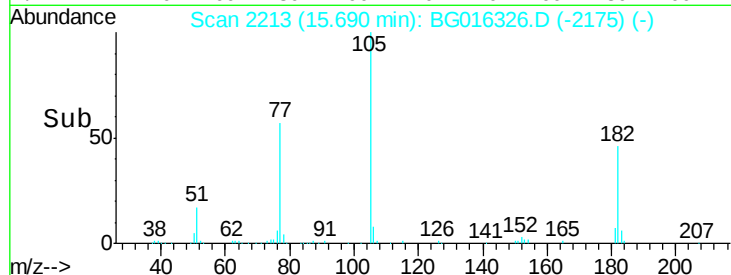
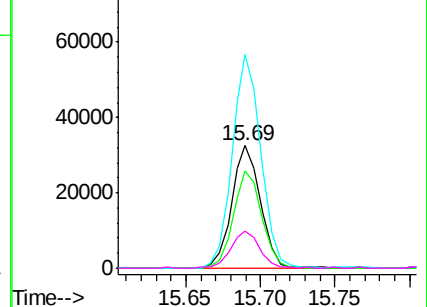


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#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

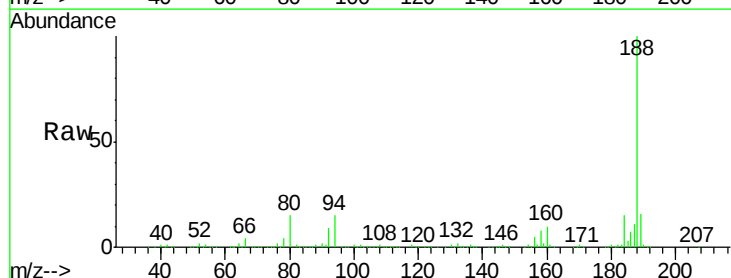
Tgt Ion: 188 Resp: 381667

Ion Ratio Lower Upper

188 100

94 14.7 12.2 18.4

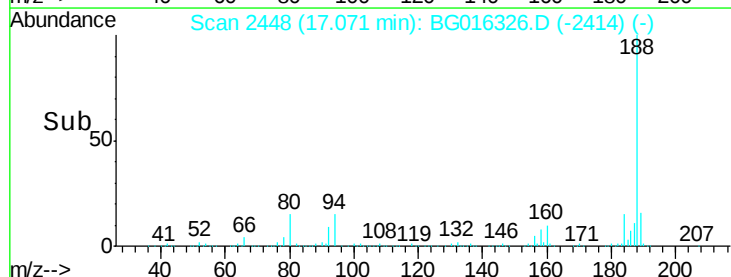
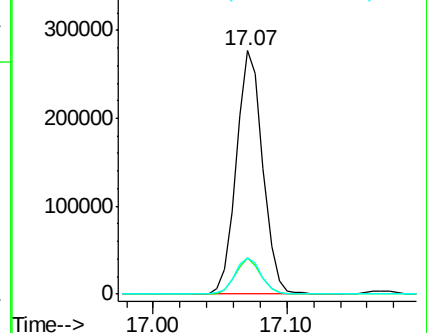
80 15.1 12.8 19.2

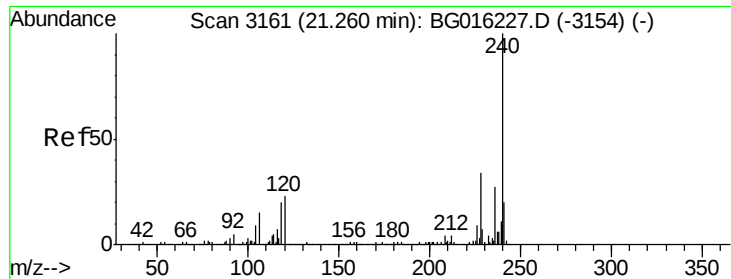


Abundance Ion 188.00 (187.70 to 188.70): BGC

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

Instrument :

BNA_G

ClientSampleId :

LS-SD09C

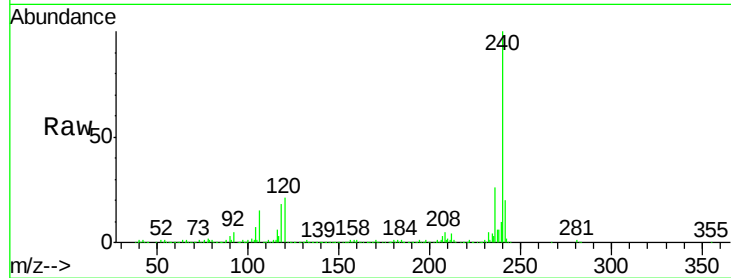
Tgt Ion:240 Resp: 344357

Ion Ratio Lower Upper

240 100

120 21.2 18.6 28.0

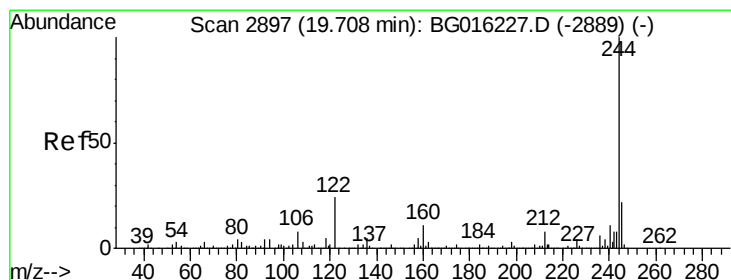
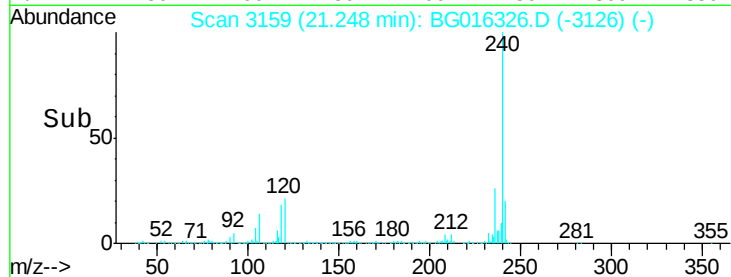
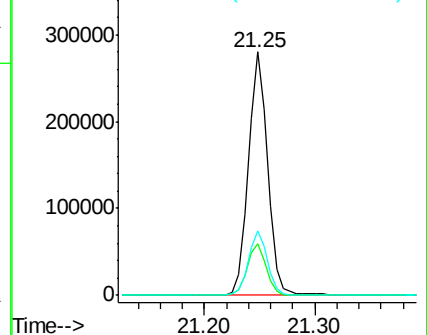
236 26.2 21.7 32.5



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

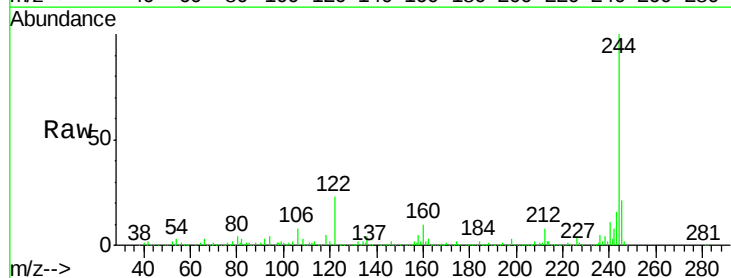
Tgt Ion:244 Resp: 839175

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

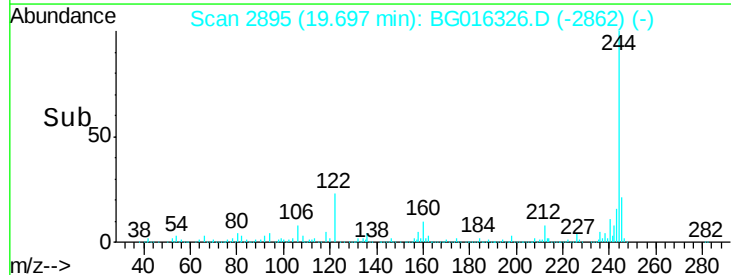
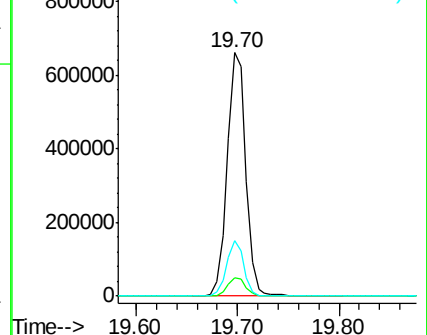
122 22.9 19.1 28.7

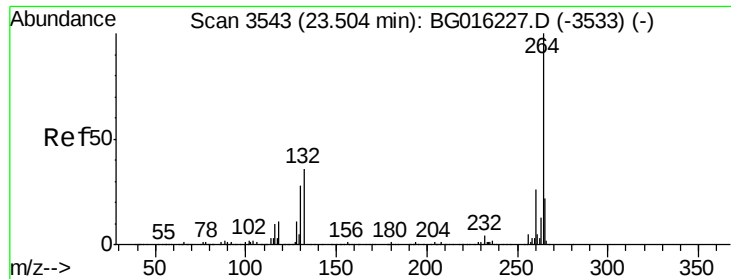


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



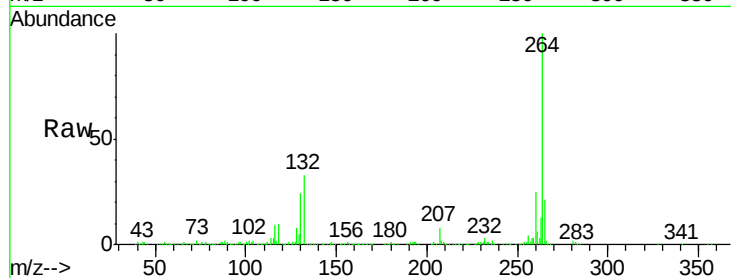


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.49 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG016326.D
Acq: 10 Apr 2015 19:30

Instrument :
BNA_G
ClientSampleId :
LS-SD09C

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

