

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
 Data File : BG016247.D
 Acq On : 7 Apr 2015 9:38
 Operator : TP/IZ
 Sample : G1779-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2(7-9)

Quant Time: Apr 07 14:05:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

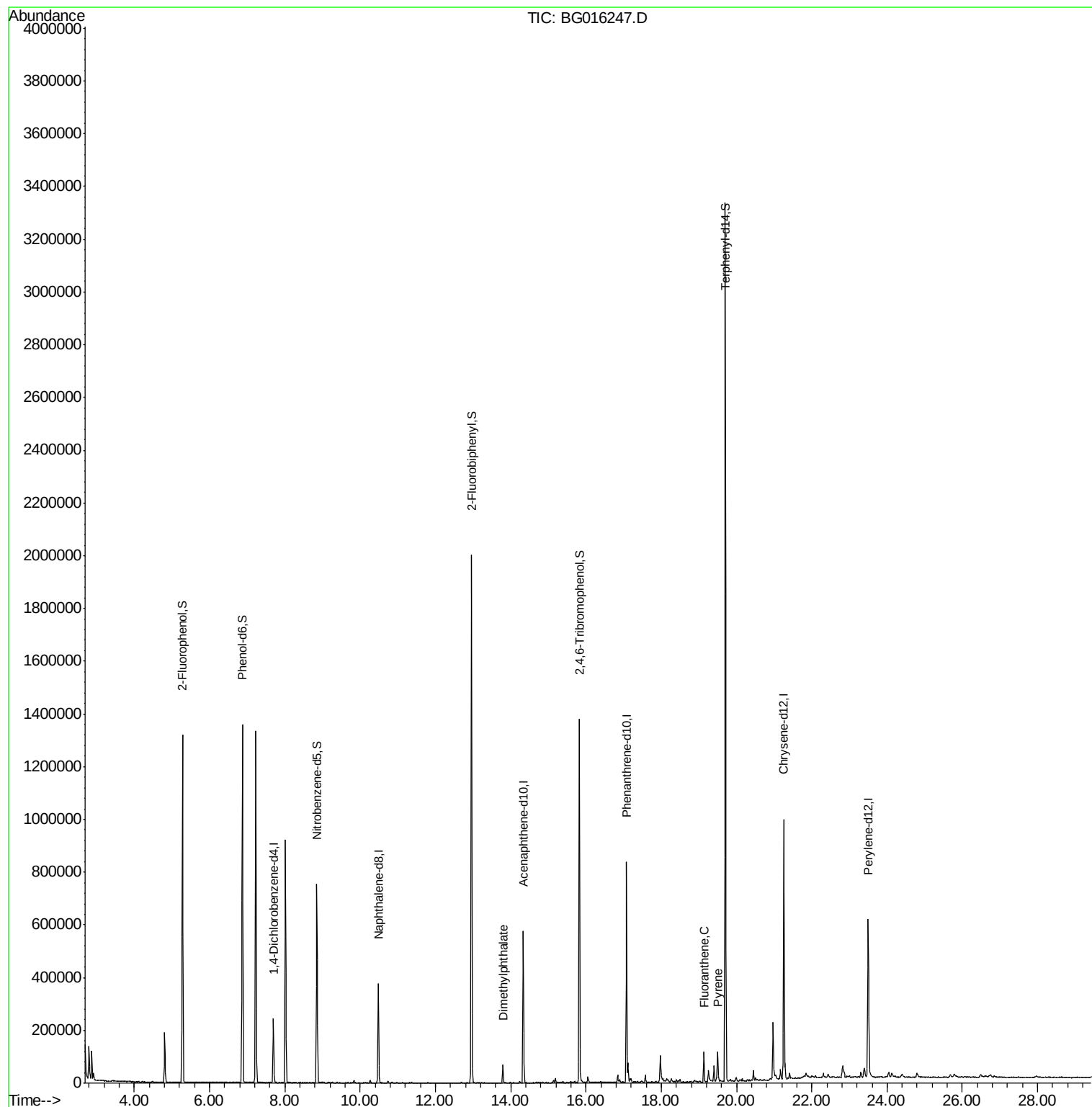
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	67205	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	309379	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	191755	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	415719	20.00	ng	0.00
75) Chrysene-d12	21.26	240	396579	20.00	ng	0.00
86) Perylene-d12	23.50	264	357469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	581416	136.54	ng	0.00
7) Phenol-d6	6.87	99	855234	133.79	ng	0.00
23) Nitrobenzene-d5	8.85	82	452758	84.78	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	186501	143.81	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	961671	85.39	ng	0.00
78) Terphenyl-d14	19.71	244	1261620	74.45	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.79	163	43245	3.08	ng	99
74) Fluoranthene	19.14	202	57524	2.39	ng	95
77) Pyrene	19.50	202	59808	2.17	ng	97

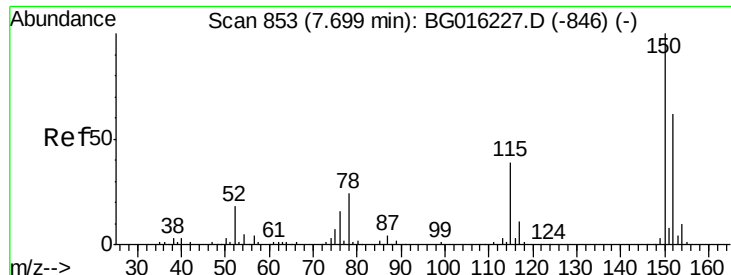
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

Instrument :

BNA_G

ClientSampleId :

SB-2(7-9)

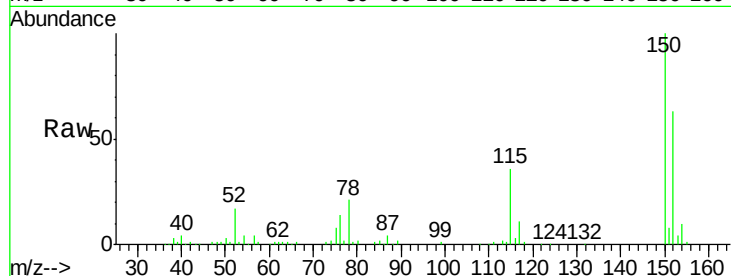
Tgt Ion:152 Resp: 67205

Ion Ratio Lower Upper

152 100

150 158.2 130.1 195.1

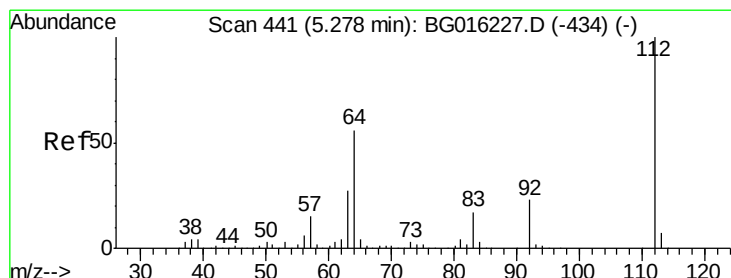
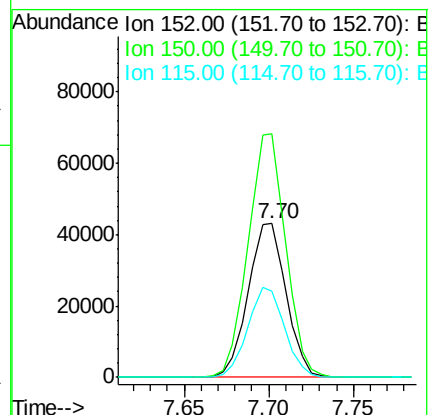
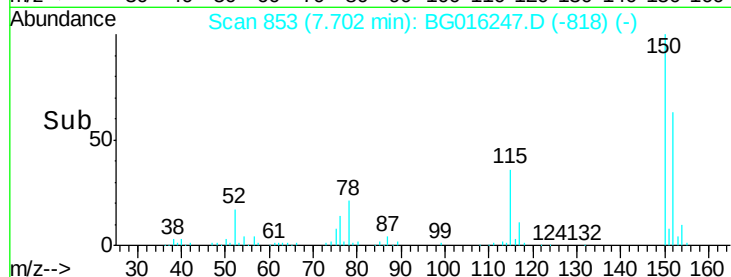
115 56.3 50.5 75.7



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: 136.54 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

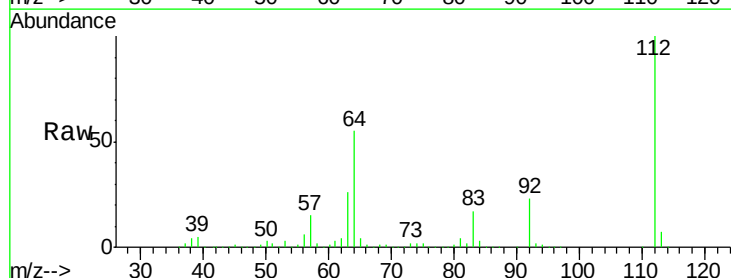
Tgt Ion:112 Resp: 581416

Ion Ratio Lower Upper

112 100

64 55.2 44.5 66.7

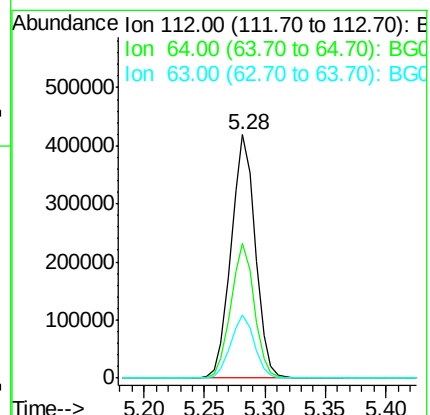
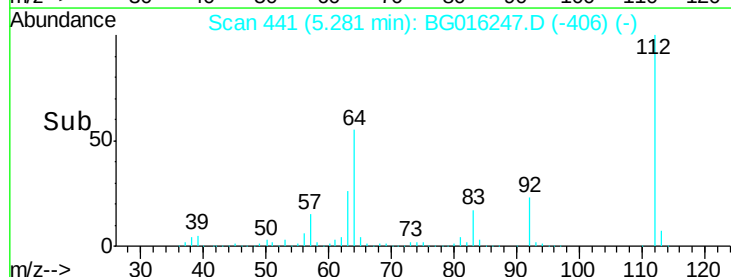
63 25.9 21.4 32.0

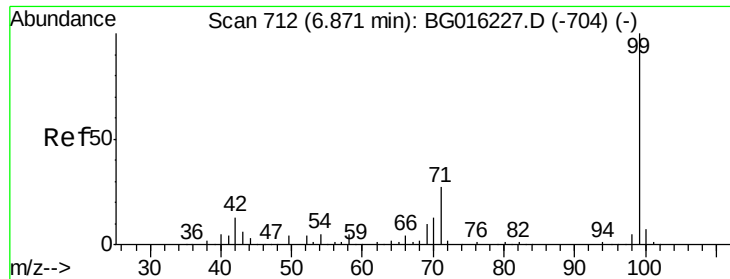


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.79 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

Instrument :

BNA_G

ClientSampleId :

SB-2(7-9)

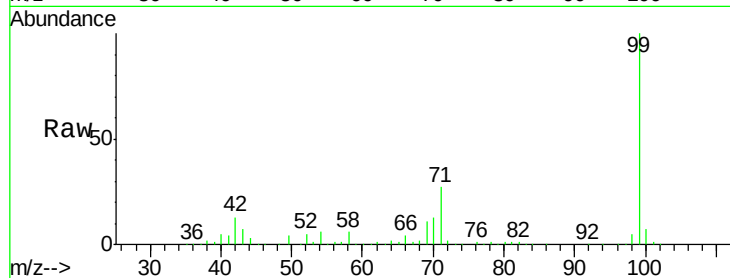
Tgt Ion: 99 Resp: 855234

Ion Ratio Lower Upper

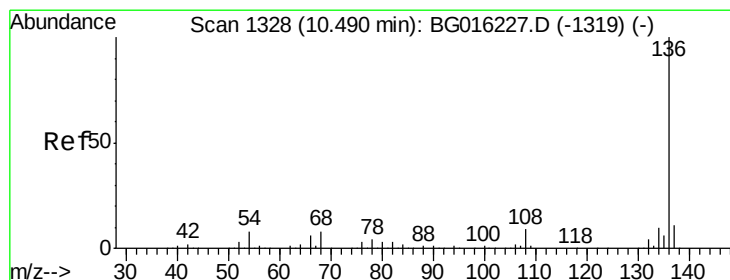
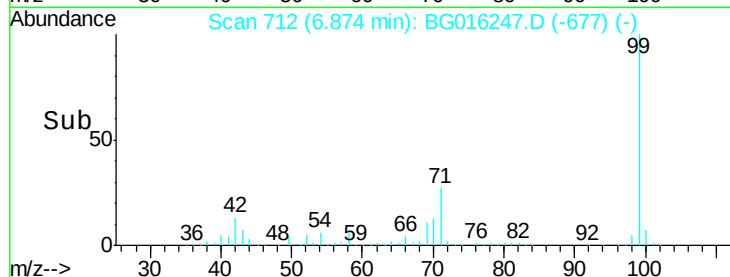
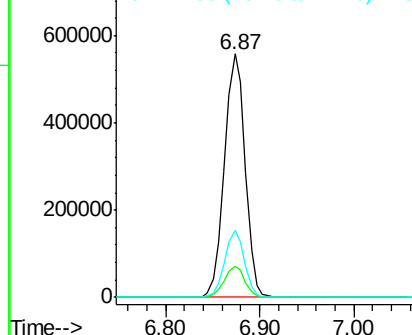
99 100

42 13.0 10.0 15.0

71 27.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

Tgt Ion: 136 Resp: 309379

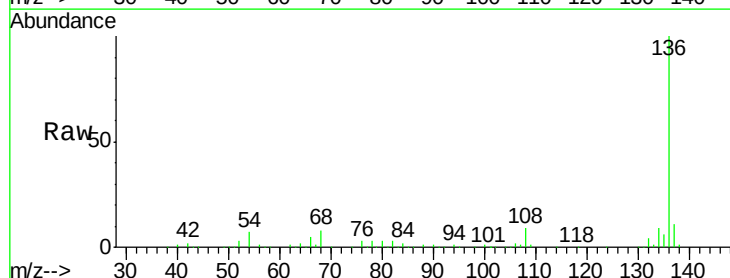
Ion Ratio Lower Upper

136 100

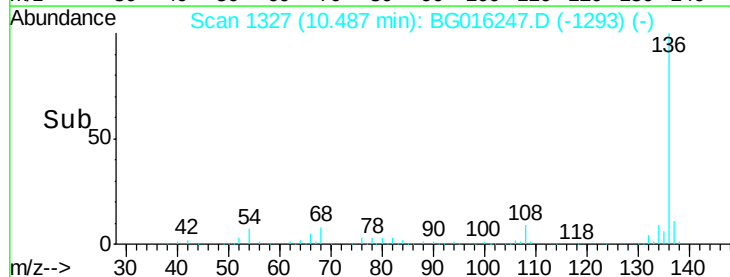
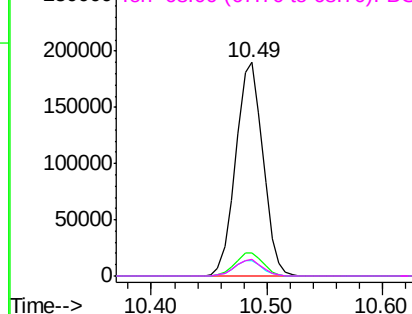
137 10.8 8.7 13.1

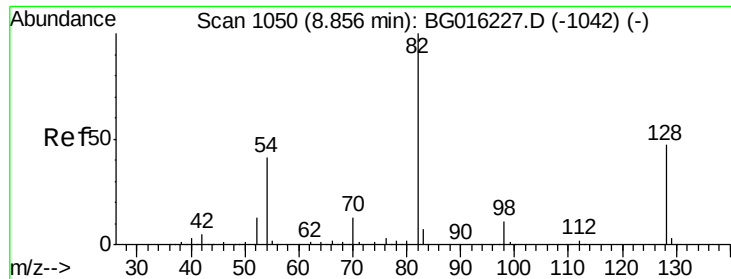
54 7.5 6.3 9.5

68 7.5 6.5 9.7



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

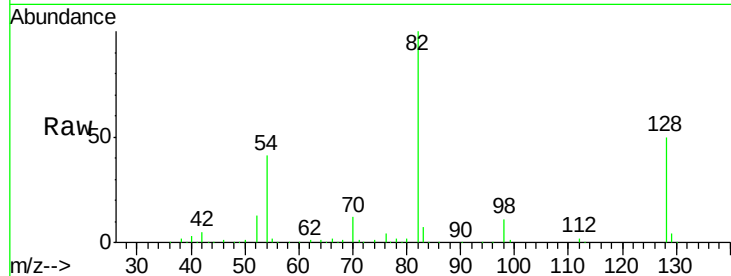




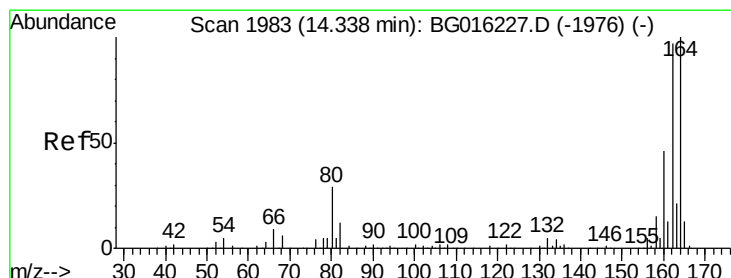
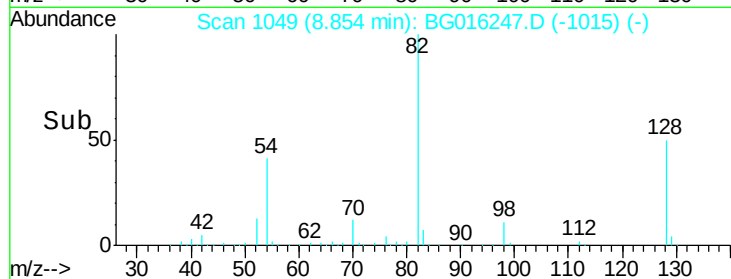
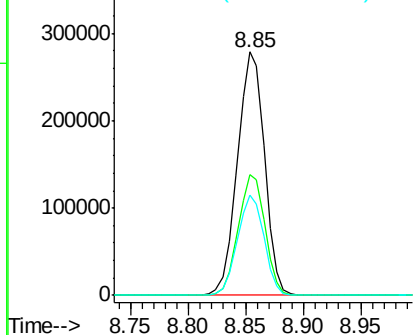
#23
 Nitrobenzene-d5
 Concen: 84.78 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016247.D
 Acq: 7 Apr 2015 9:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-2(7-9)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.8	56.8
54	41.4	32.6	49.0

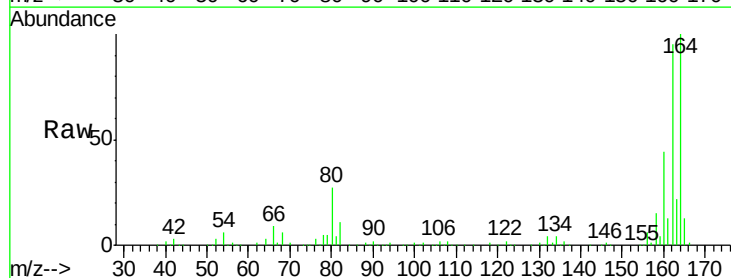


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

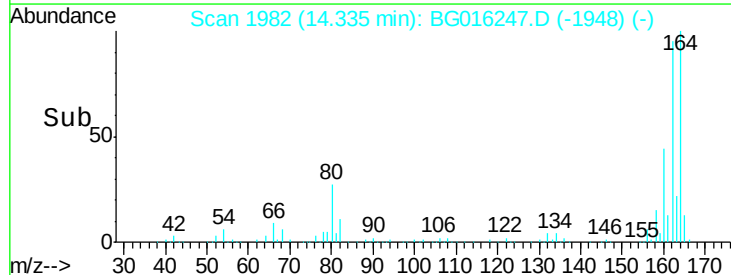
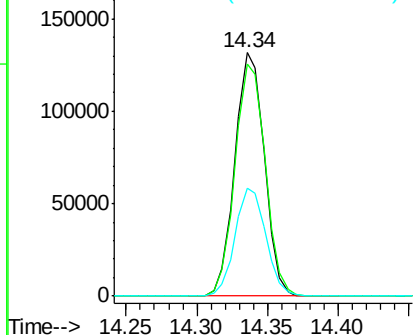


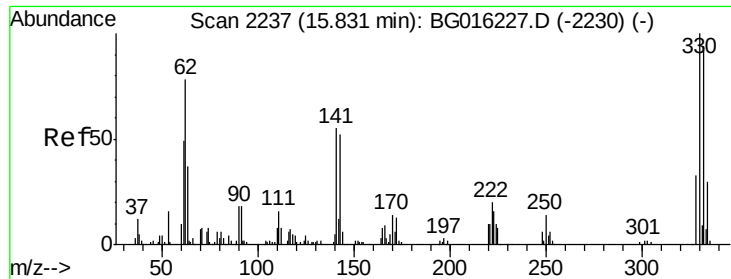
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG016247.D
 Acq: 7 Apr 2015 9:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.3	115.9
160	44.2	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 143.81 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

Instrument :

BNA_G

ClientSampleId :

SB-2(7-9)

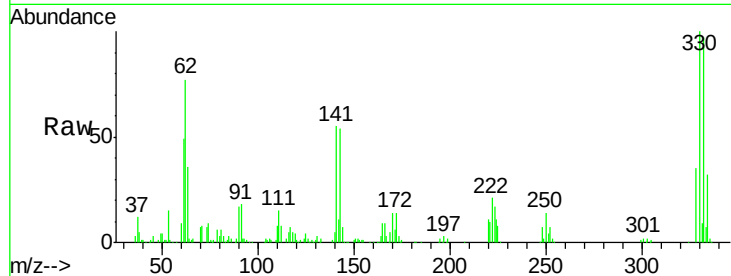
Tgt Ion:330 Resp: 186501

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

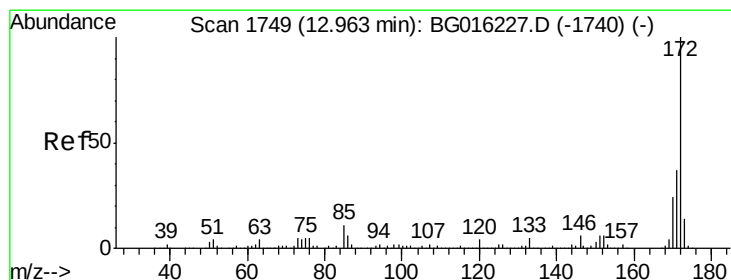
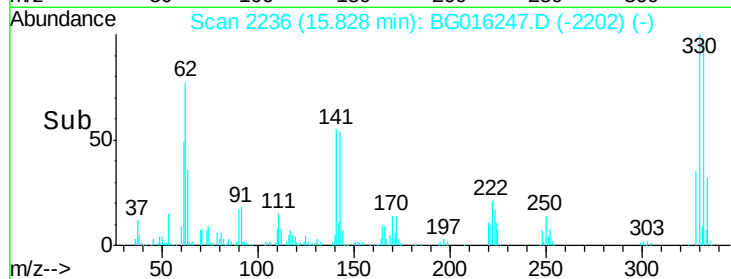
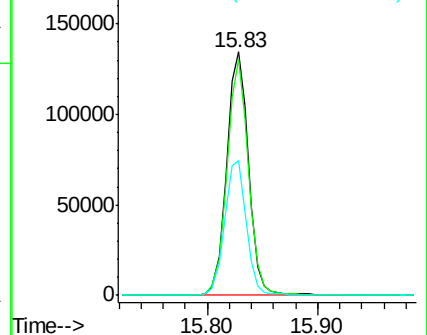
141 54.7 46.6 69.8



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: 85.39 ng

RT: 12.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

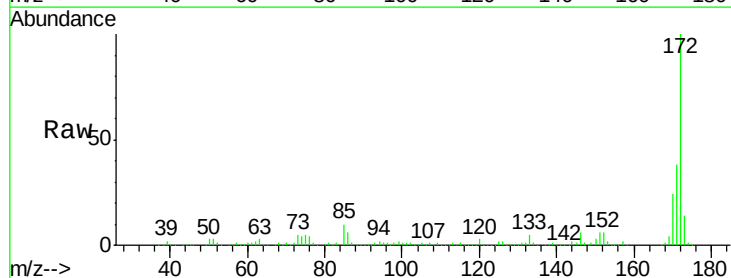
Tgt Ion:172 Resp: 961671

Ion Ratio Lower Upper

172 100

171 37.6 29.6 44.4

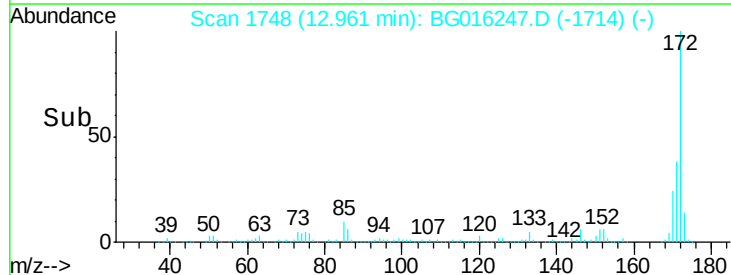
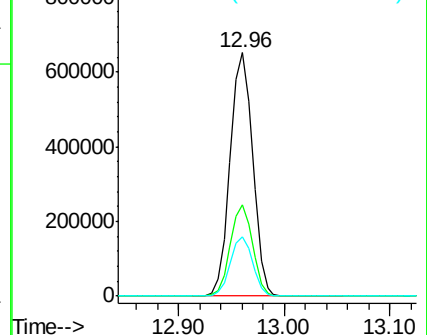
170 24.3 19.4 29.2

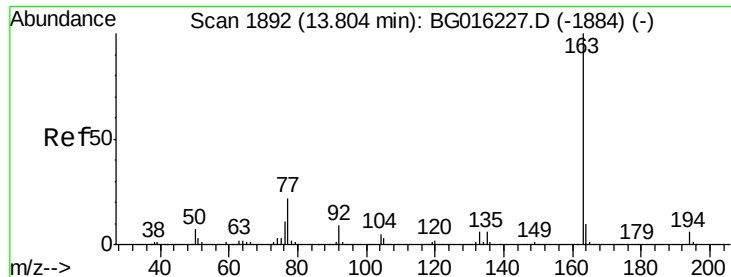


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.08 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

Instrument :

BNA_G

ClientSampleId :

SB-2(7-9)

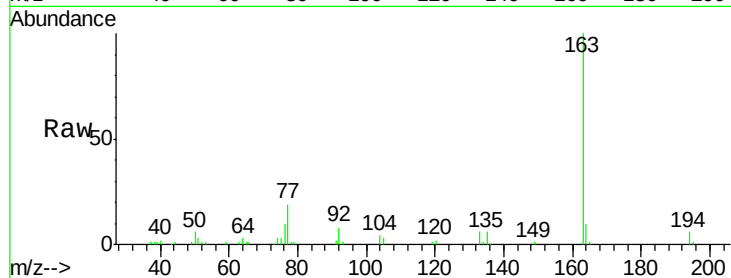
Tgt Ion:163 Resp: 43245

Ion Ratio Lower Upper

163 100

194 5.7 5.0 7.4

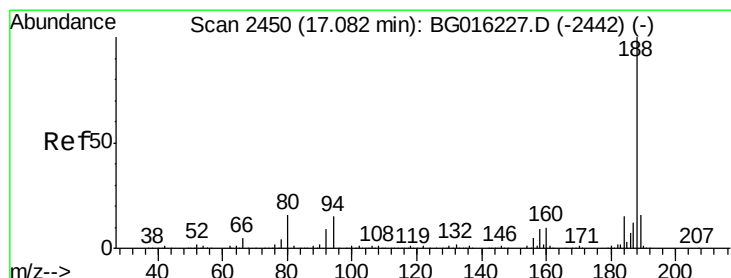
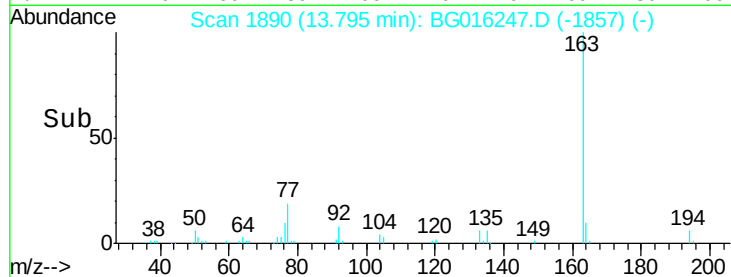
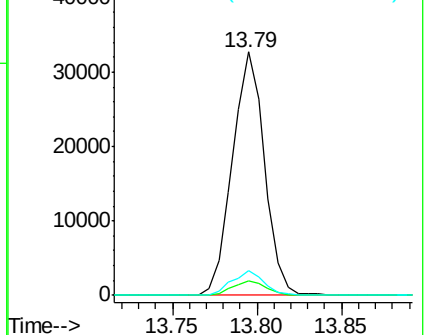
164 10.1 8.2 12.4



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: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG016247.D

Acq: 7 Apr 2015 9:38

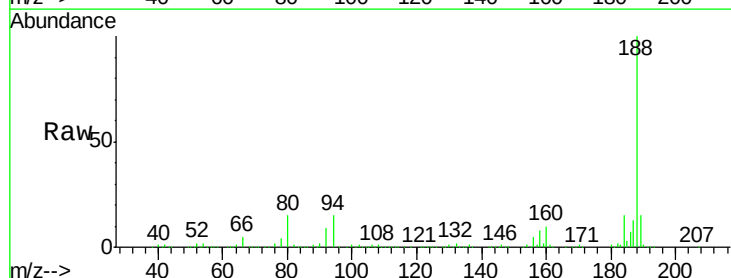
Tgt Ion:188 Resp: 415719

Ion Ratio Lower Upper

188 100

94 14.7 12.2 18.4

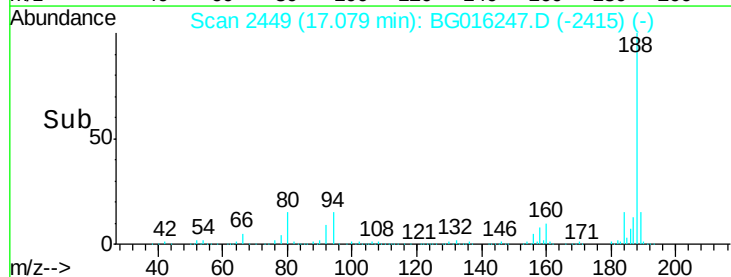
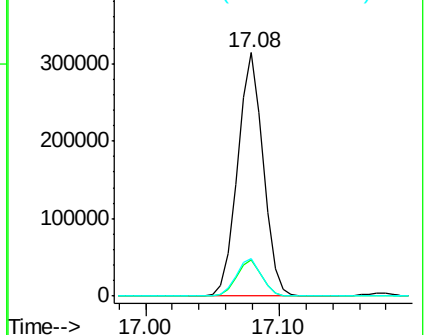
80 15.4 12.8 19.2

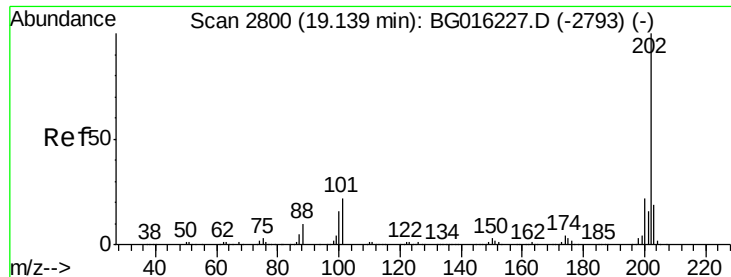


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

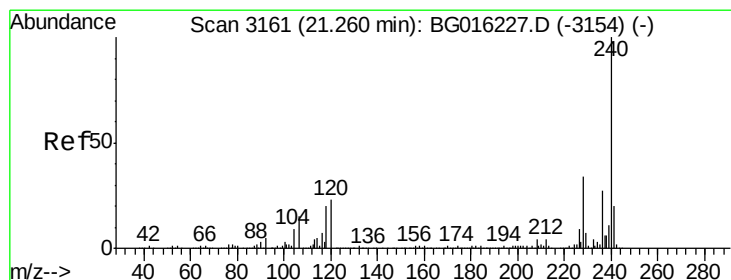
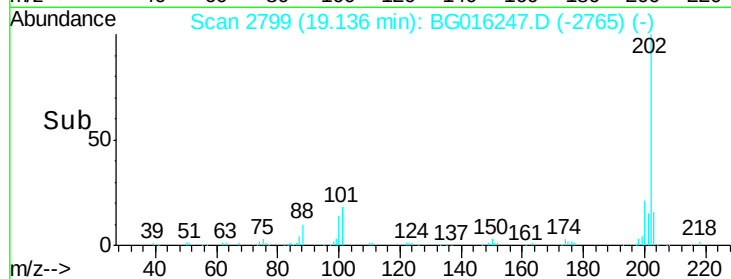
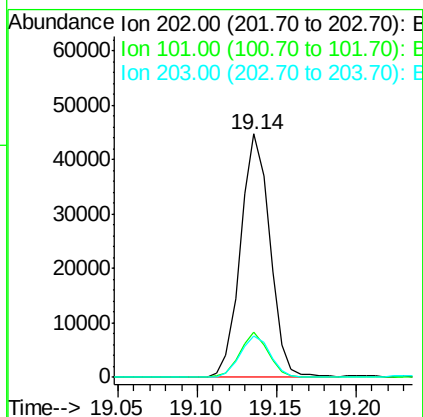
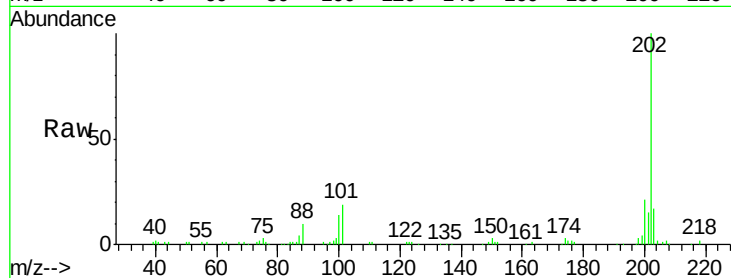




#74
 Fluoranthene
 Concen: 2.39 ng
 RT: 19.14 min Scan# 2799
 Delta R.T. -0.00 min
 Lab File: BG016247.D
 Acq: 7 Apr 2015 9:38

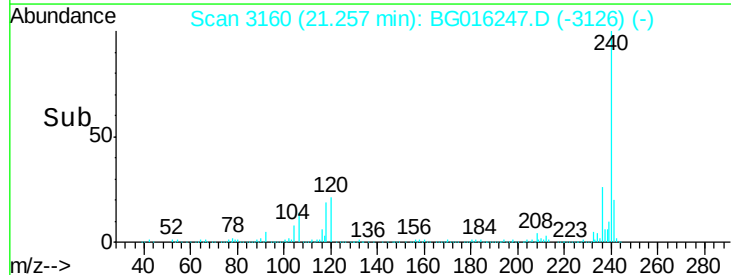
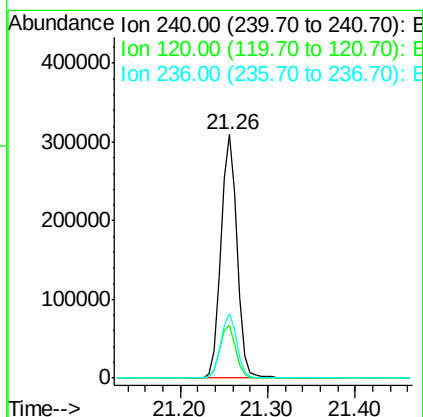
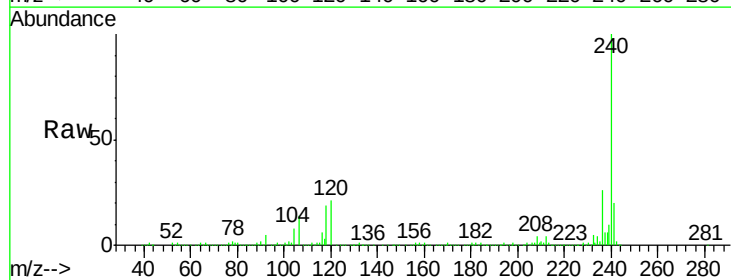
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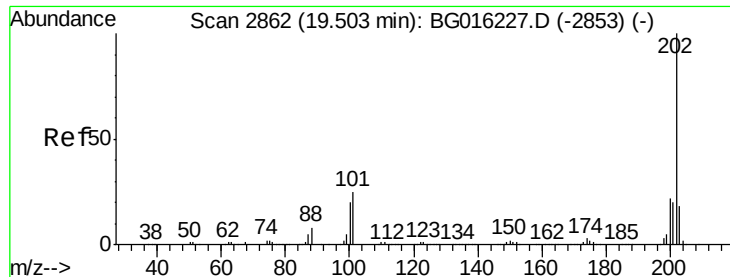
Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.7	1.7	41.7
203	16.7	0.0	38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.26 min Scan# 3160
 Delta R.T. -0.00 min
 Lab File: BG016247.D
 Acq: 7 Apr 2015 9:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	21.5	18.6	28.0
236	26.3	21.7	32.5

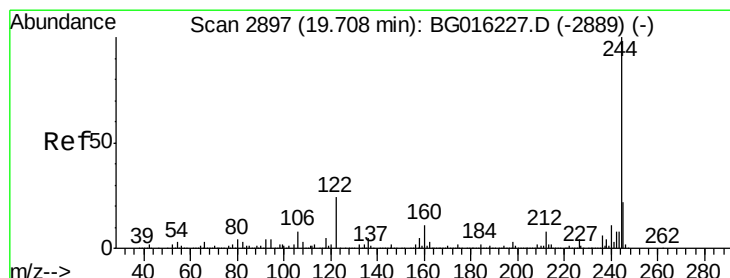
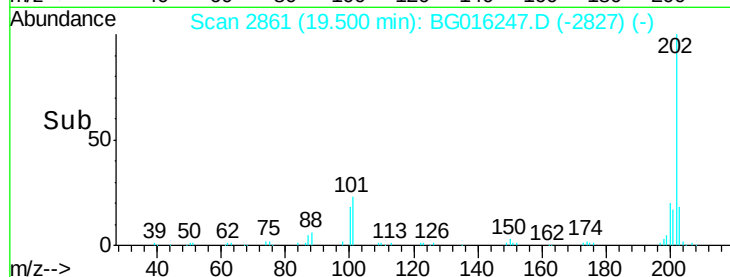
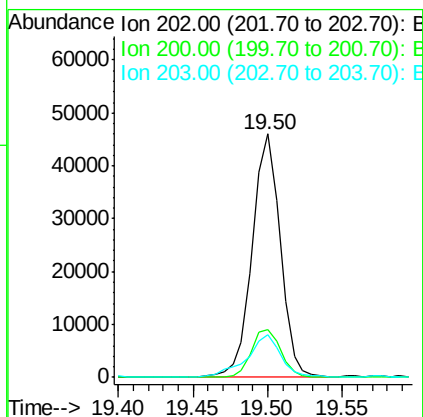
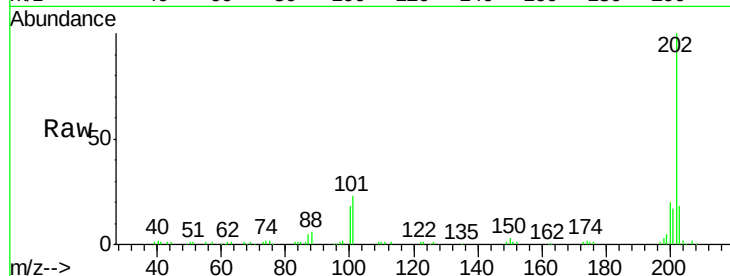




#77
 Pyrene
 Concen: 2.17 ng
 RT: 19.50 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG016247.D
 Acq: 7 Apr 2015 9:38

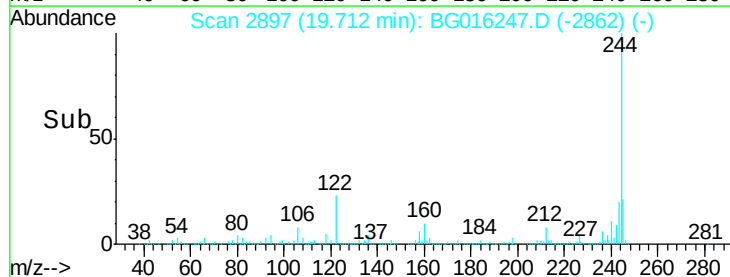
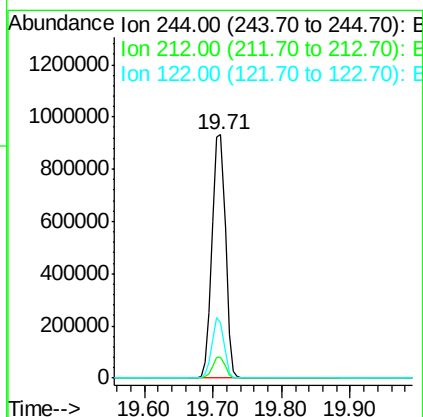
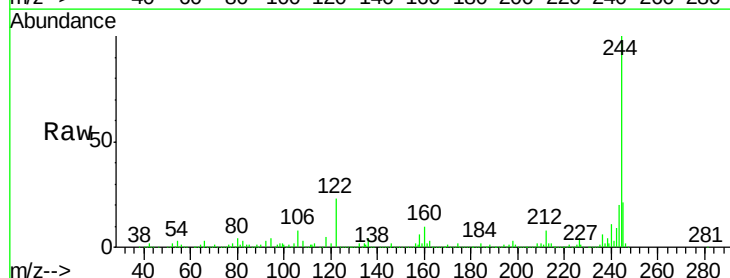
Instrument :
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 ClientSampleId :
 SB-2(7-9)

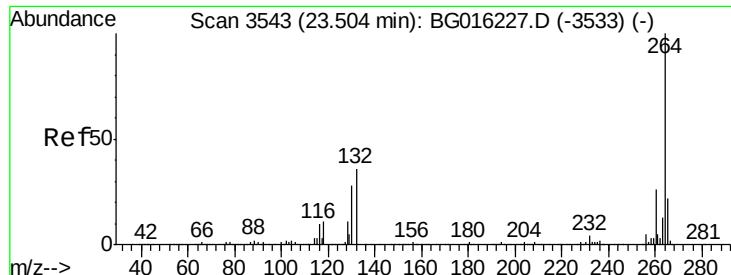
Tgt Ion: 202 Resp: 59808
 Ion Ratio Lower Upper
 202 100
 200 19.9 17.8 26.8
 203 17.8 14.7 22.1



#78
 Terphenyl-d14
 Concen: 74.45 ng
 RT: 19.71 min Scan# 2897
 Delta R.T. 0.00 min
 Lab File: BG016247.D
 Acq: 7 Apr 2015 9:38

Tgt Ion: 244 Resp: 1261620
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 22.9 19.1 28.7

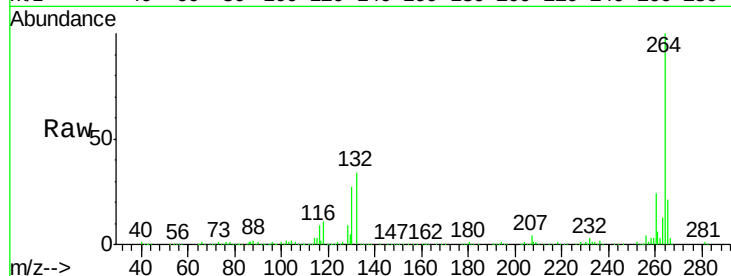




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG016247.D
Acq: 7 Apr 2015 9:38

Instrument :
BNA_G
ClientSampleId :
SB-2(7-9)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

