

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016612.D
 Acq On : 22 Apr 2015 9:43
 Operator : TP/IZ
 Sample : G1928-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0438

Quant Time: Apr 22 16:01:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

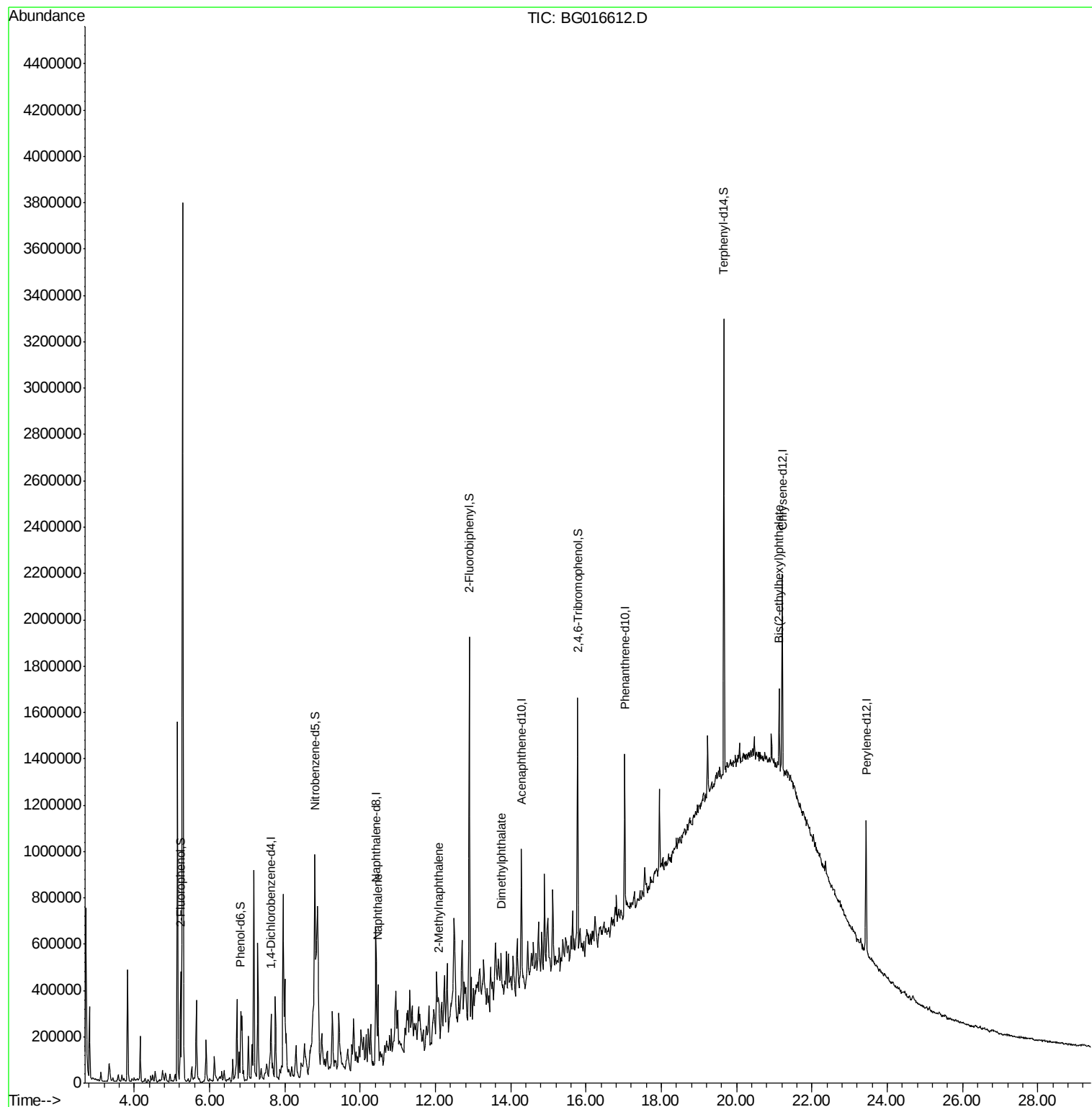
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	71453	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	314191	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	184838	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	371021	20.00	ng	0.00
75) Chrysene-d12	21.21	240	319026	20.00	ng	0.00
86) Perylene-d12	23.44	264	308578	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	232518	52.15	ng	0.00
7) Phenol-d6	6.83	99	201902	32.41	ng	0.00
23) Nitrobenzene-d5	8.79	82	364997	71.53	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	151055	120.32	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	777675	69.68	ng	0.00
78) Terphenyl-d14	19.66	244	728839	55.04	ng	0.00
Target Compounds						
31) Naphthalene	10.47	128	260125	15.86	ng	99
37) 2-Methylnaphthalene	12.09	142	40578	3.46	ng	# 90
49) Dimethylphthalate	13.74	163	41047	3.00	ng	# 92
83) Bis(2-ethylhexyl)phthalate	21.13	149	123044	7.99	ng	97

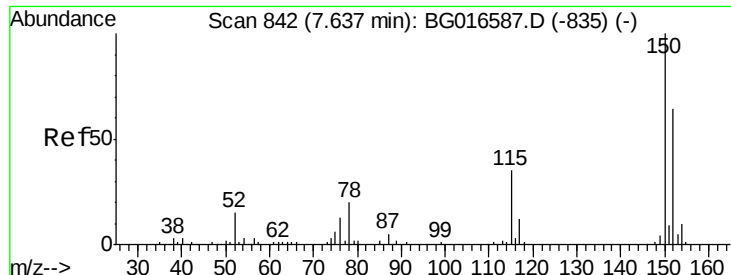
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampled :

S8-0438

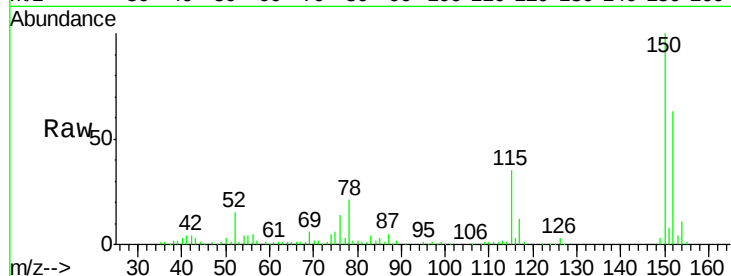
Tot Ion:152 Resp: 71453

Ion Ratio Lower Upper

152 100

150 157.8 125.5 188.3

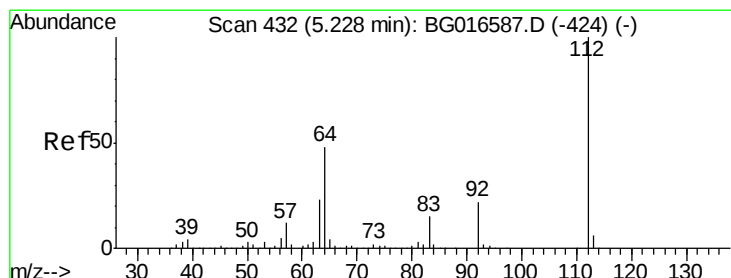
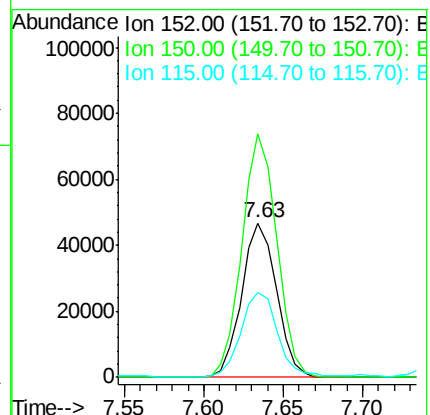
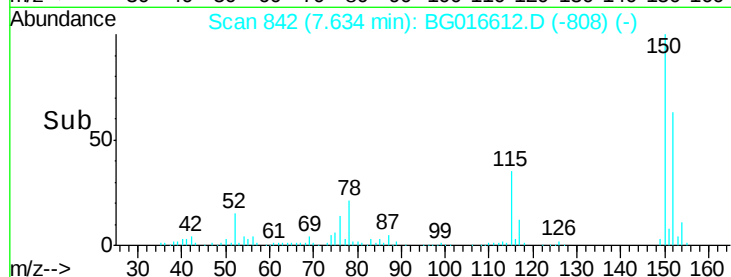
115 55.3 44.5 66.7



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: 52.15 ng

RT: 5.23 min Scan# 433

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

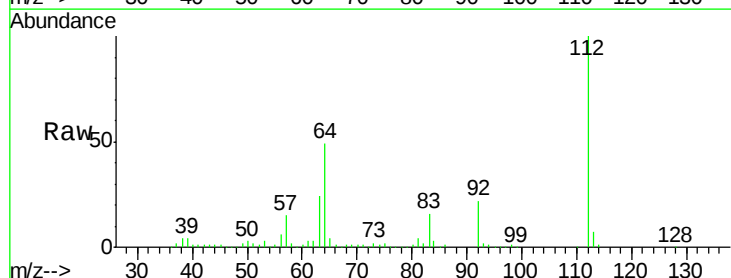
Tgt Ion:112 Resp: 232518

Ion Ratio Lower Upper

112 100

64 48.8 38.5 57.7

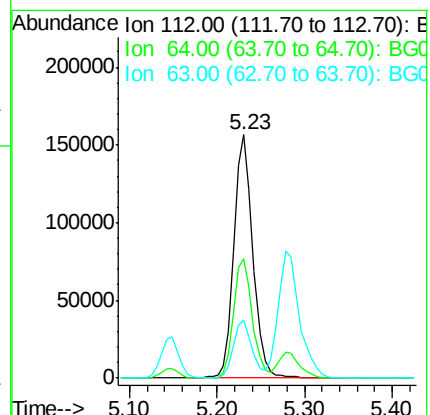
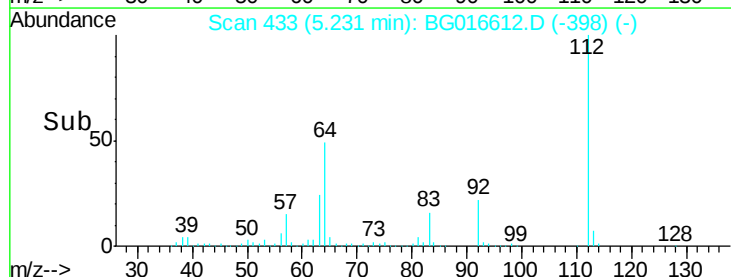
63 23.7 18.2 27.4

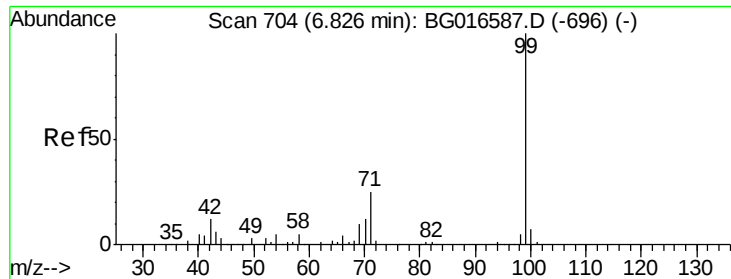


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.41 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

S8-0438

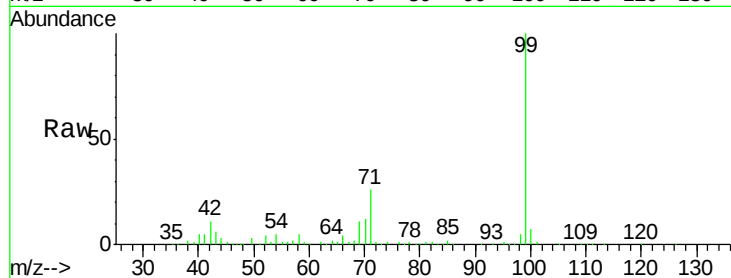
Tot Ion: 99 Resp: 201902

Ion Ratio Lower Upper

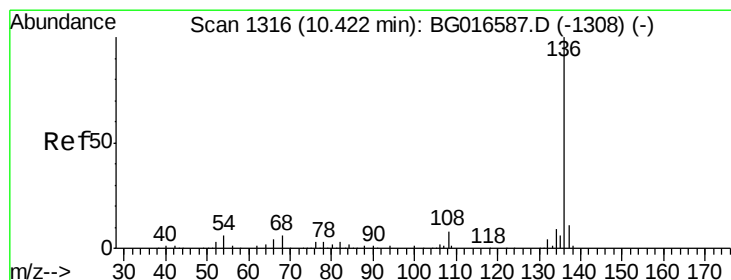
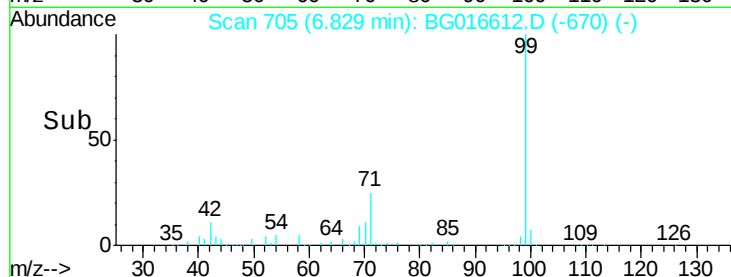
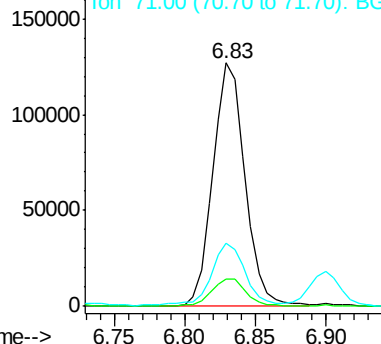
99 100

42 11.2 9.5 14.3

71 26.2 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Tgt Ion: 136 Resp: 314191

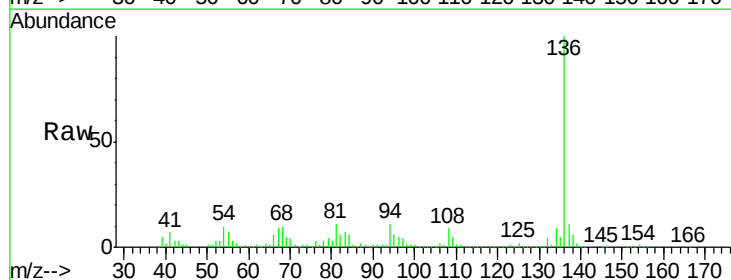
Ion Ratio Lower Upper

136 100

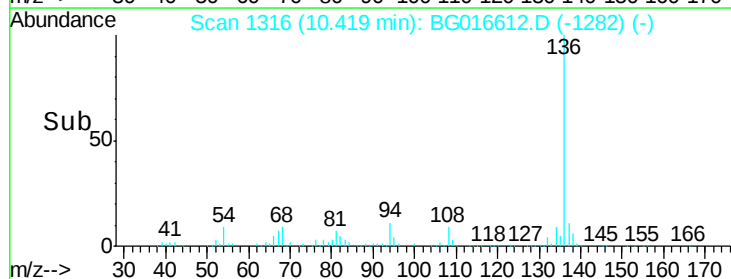
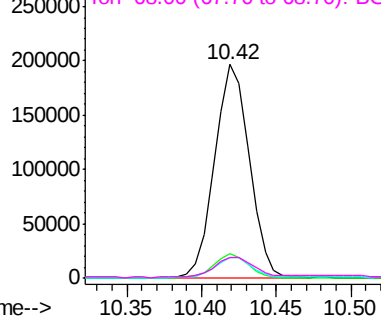
137 11.1 8.8 13.2

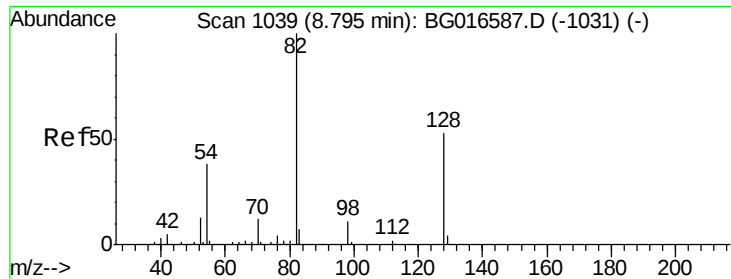
54 9.8 4.9 7.3#

68 9.7 4.9 7.3#



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

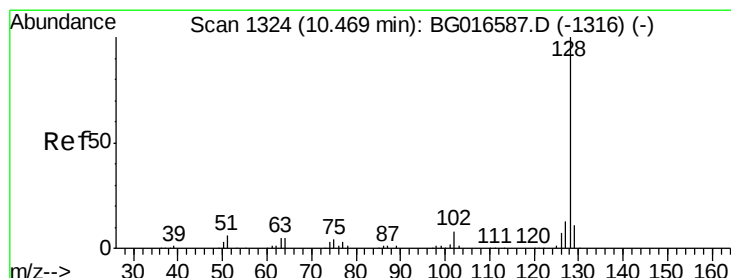
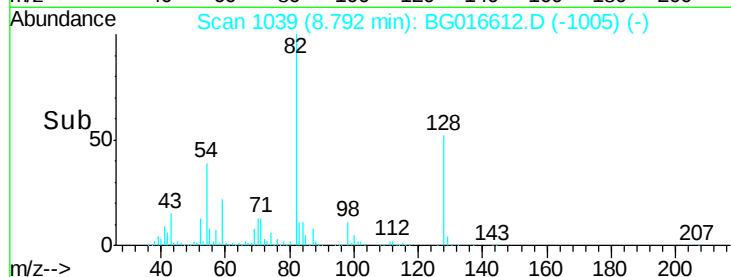
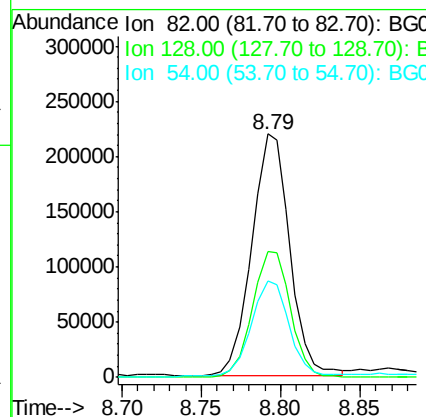
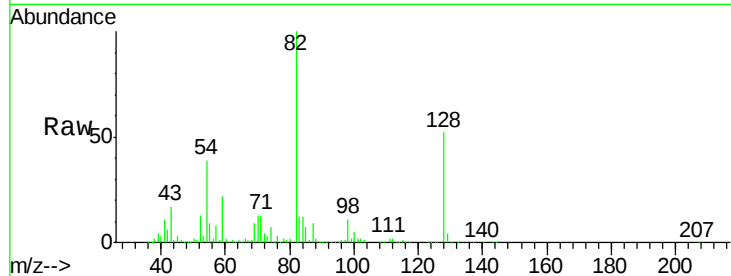




#23
Nitrobenzene-d5
Concen: 71.53 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

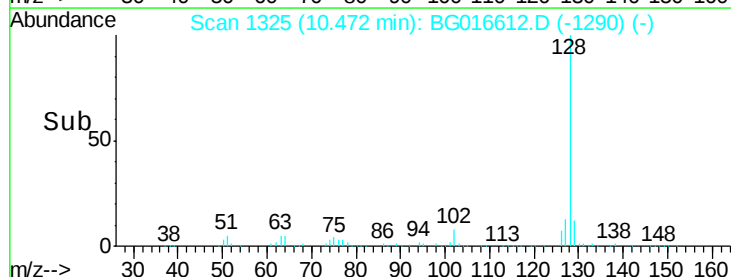
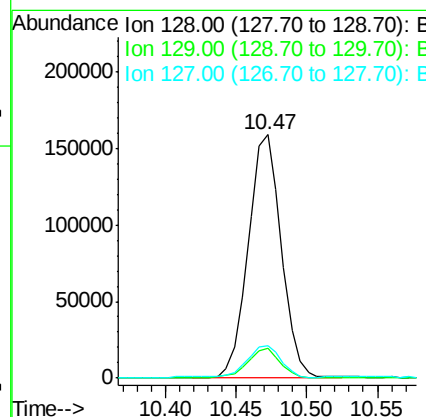
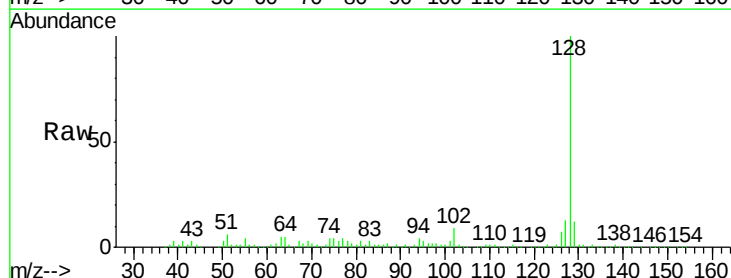
Instrument :
BNA_G
ClientSampleId :
S8-0438

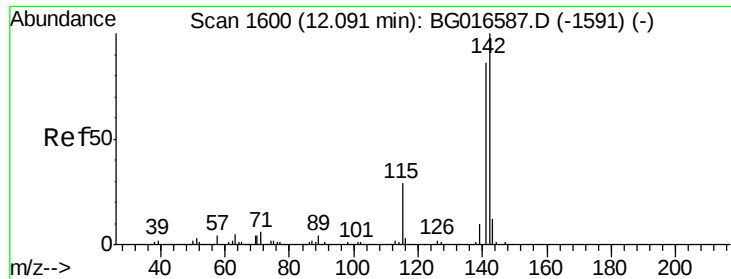
Tot Ion	82	Resp	364997
Ion Ratio	Lower	Upper	
82	100		
128	51.9	42.7	64.1
54	39.3	30.6	45.8



#31
Naphthalene
Concen: 15.86 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion	128	Resp	260125
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.2	13.8
127	13.2	10.6	16.0

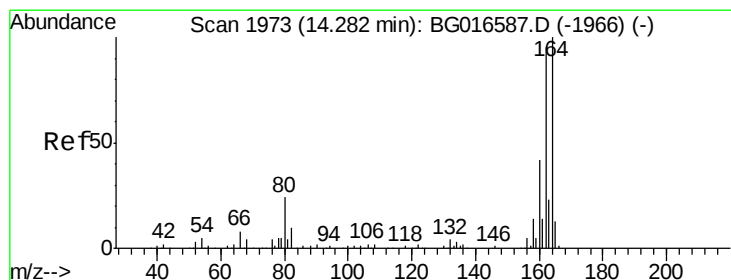
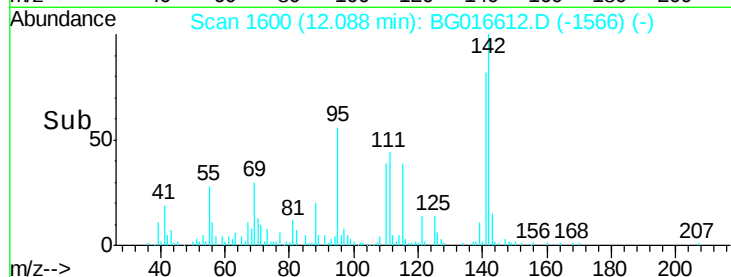
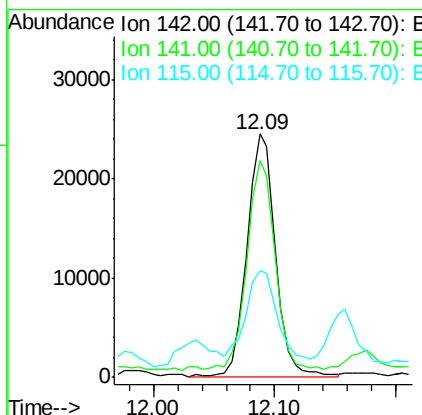
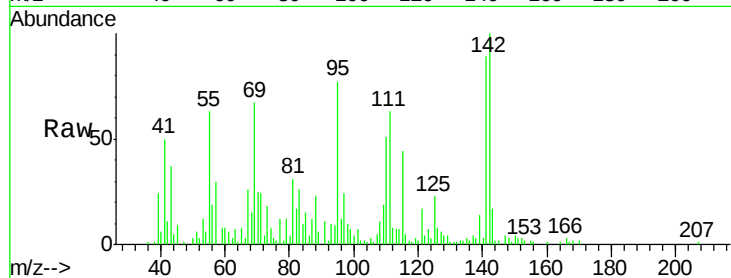




#37
2-Methylnaphthalene
Concen: 3.46 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

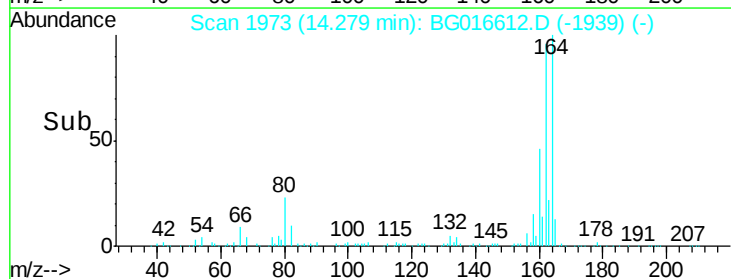
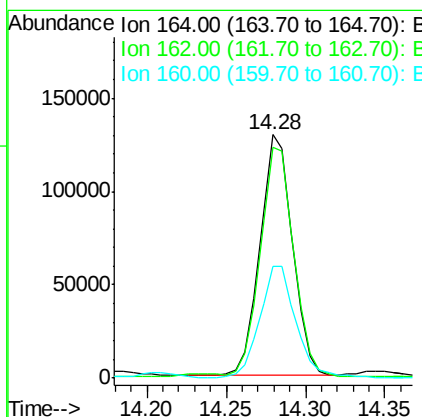
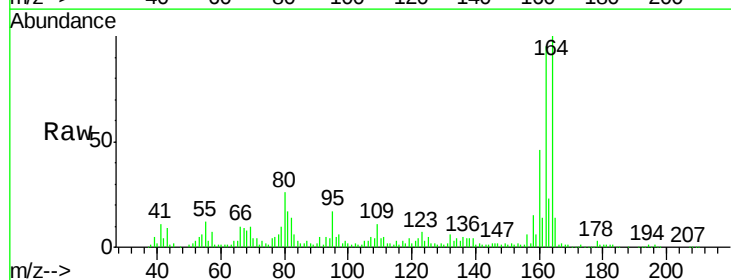
Instrument :
BNA_G
ClientSampleId :
S8-0438

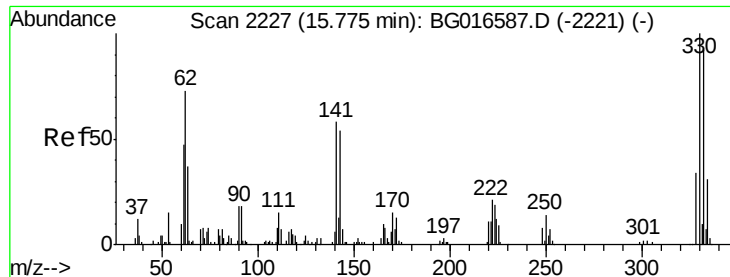
Tot Ion:142 Resp: 40578
Ion Ratio Lower Upper
142 100
141 88.8 68.6 102.8
115 43.9 23.3 34.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:164 Resp: 184838
Ion Ratio Lower Upper
164 100
162 94.9 75.8 113.6
160 45.9 33.8 50.6

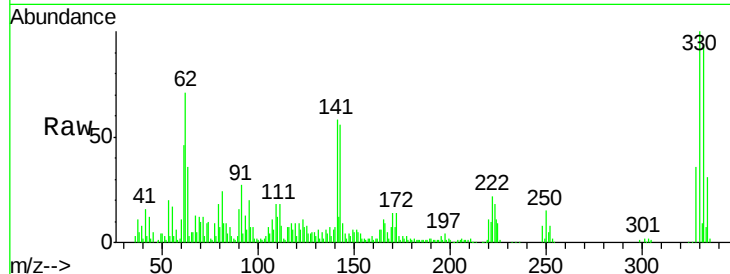




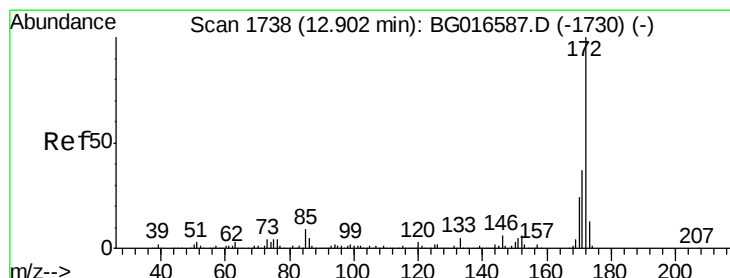
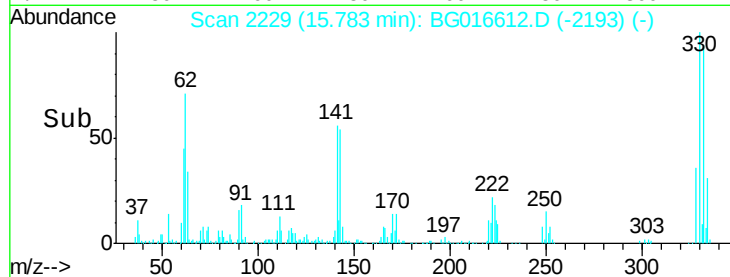
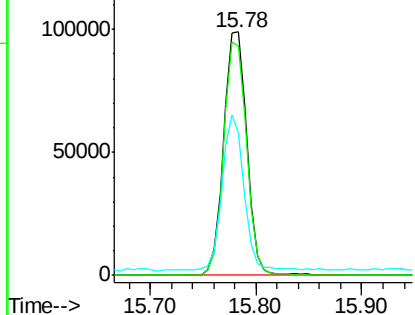
#41
 2,4,6-Tribromophenol
 Concen: 120.32 ng
 RT: 15.78 min Scan# 2229
 Delta R.T. 0.01 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

Instrument :
 BNA_G
 ClientSampled :
 S8-0438

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	59.9	45.9	68.9

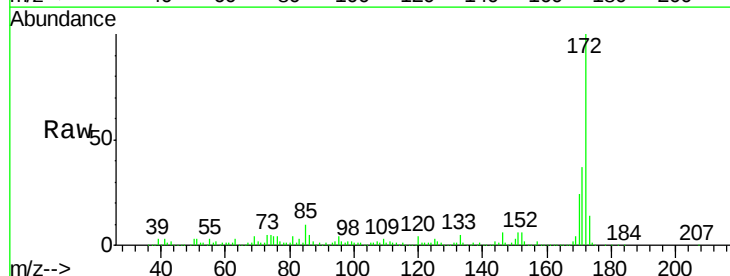


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

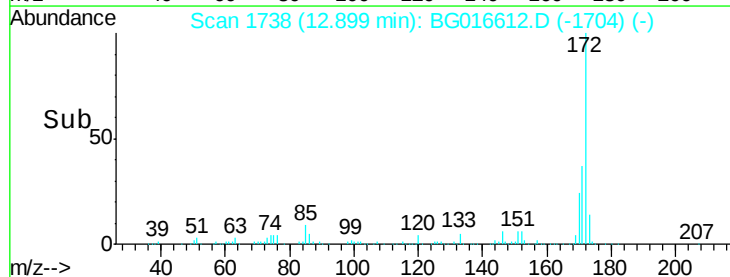
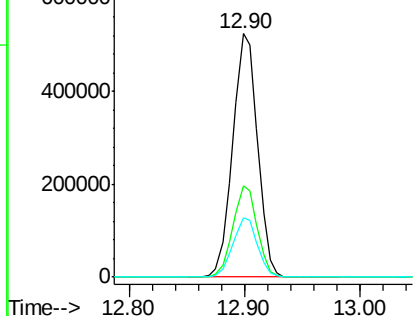


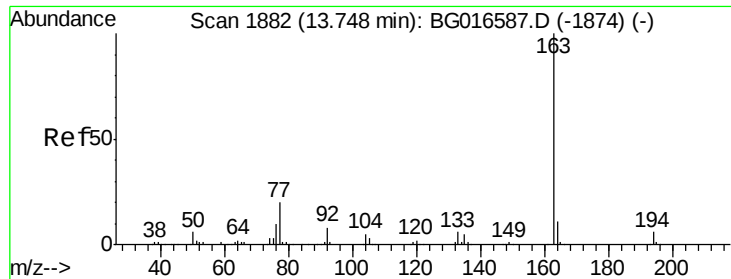
#44
 2-Fluorobiphenyl
 Concen: 69.68 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.1	19.4	29.0



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: 3.00 ng

RT: 13.74 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

S8-0438

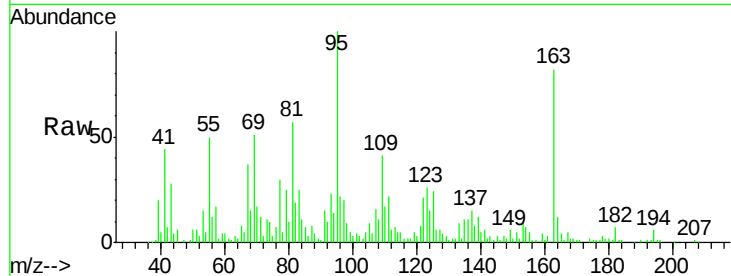
Tot Ion:163 Resp: 41047

Ion Ratio Lower Upper

163 100

194 7.4 4.9 7.3#

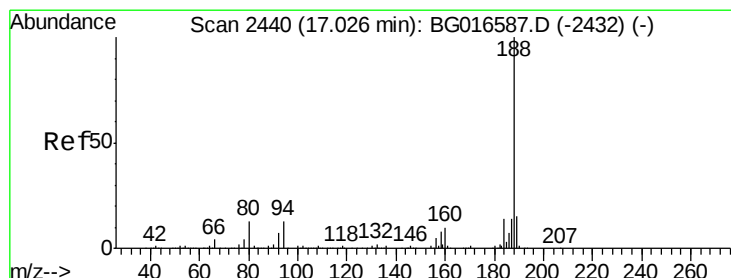
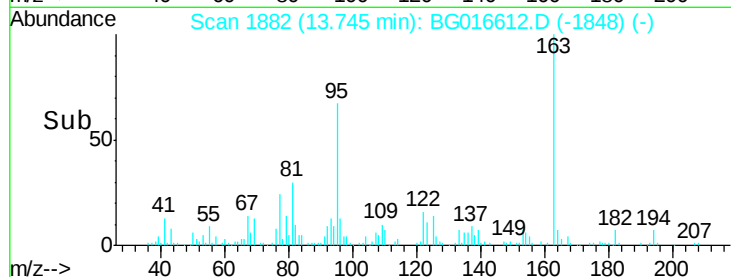
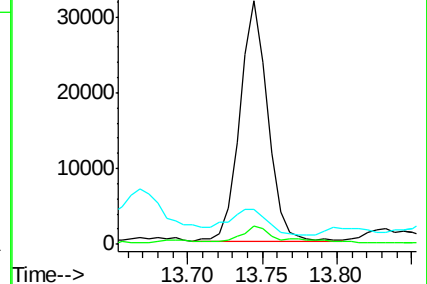
164 14.5 8.6 12.8#



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: 17.03 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

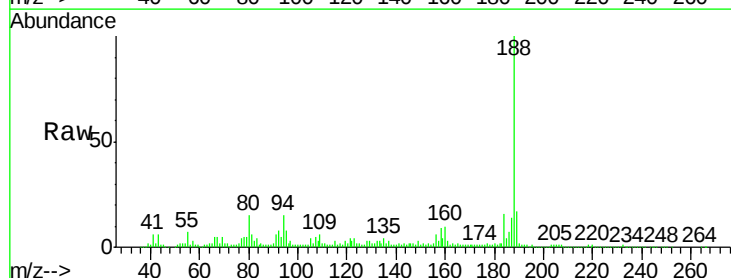
Tgt Ion:188 Resp: 371021

Ion Ratio Lower Upper

188 100

94 14.8 10.5 15.7

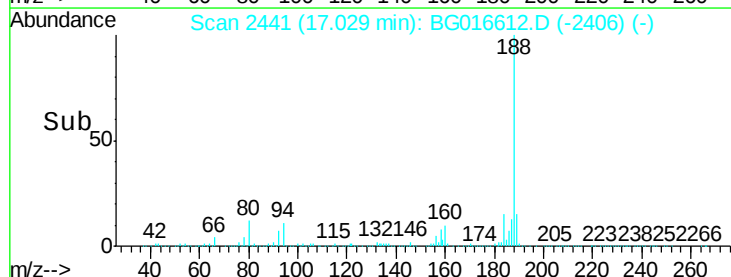
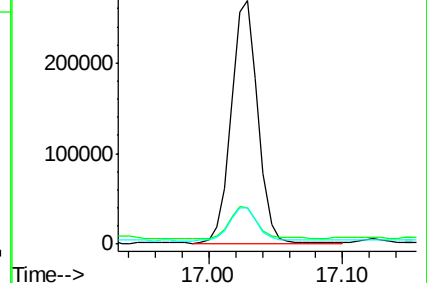
80 14.9 10.6 16.0

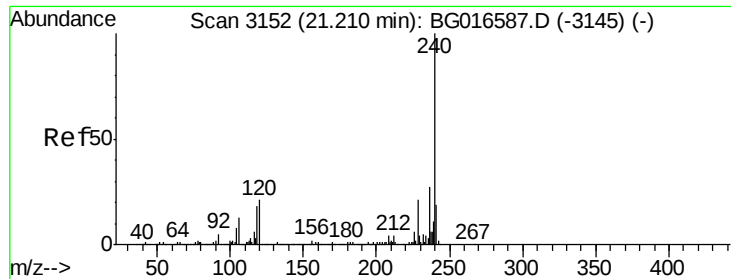


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.21 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

S8-0438

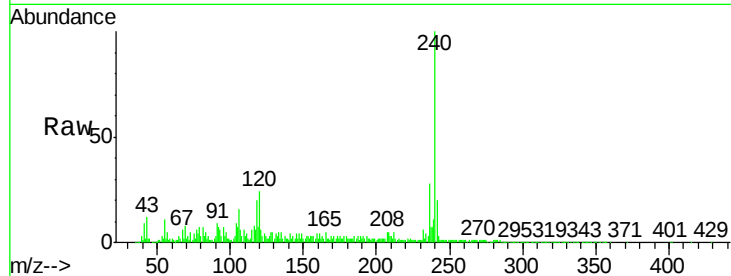
Tot Ion:240 Resp: 319026

Ion Ratio Lower Upper

240 100

120 23.7 16.7 25.1

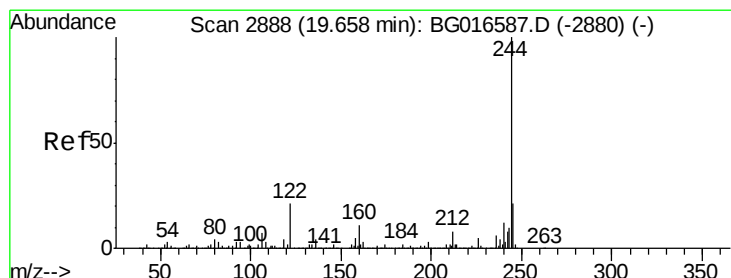
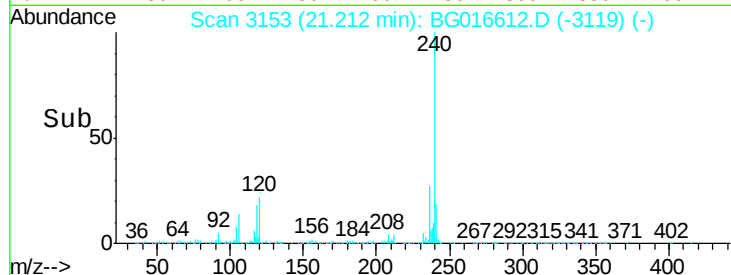
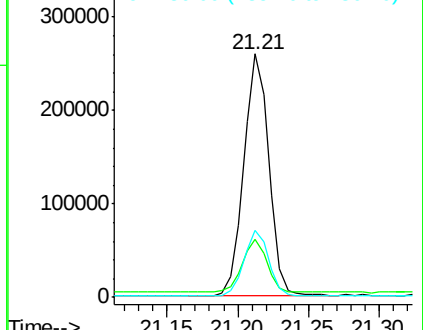
236 27.7 21.7 32.5



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: 55.04 ng

RT: 19.66 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

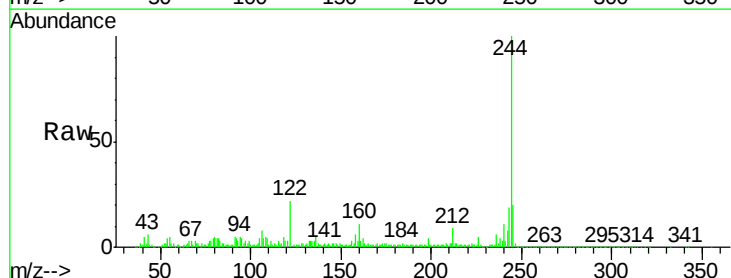
Tgt Ion:244 Resp: 728839

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

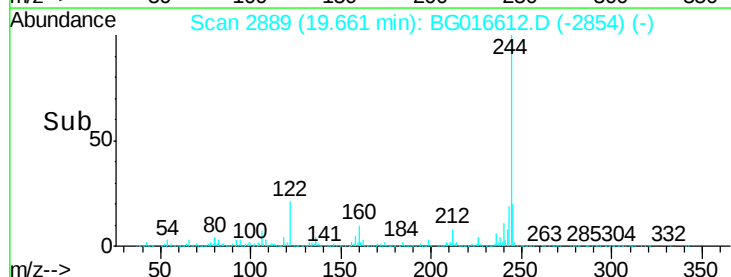
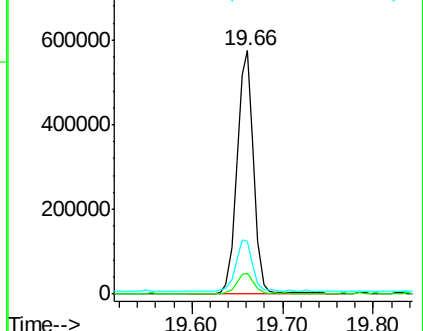
122 21.9 17.0 25.6

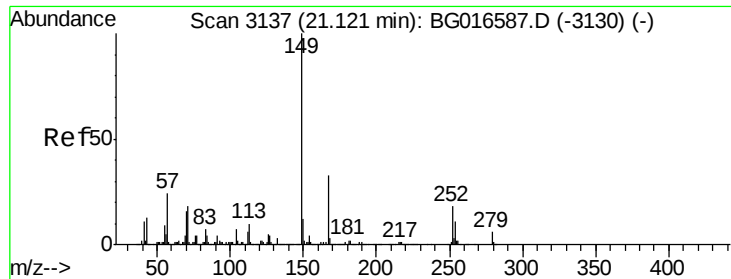


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.99 ng

RT: 21.13 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

S8-0438

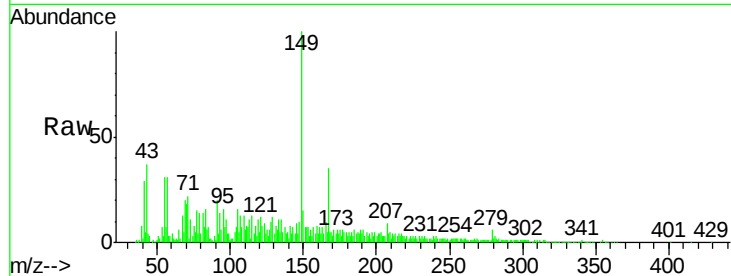
Tot Ion:149 Resp: 123044

Ion Ratio Lower Upper

149 100

167 34.8 26.5 39.7

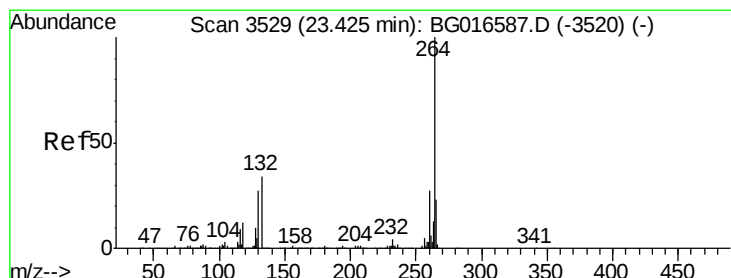
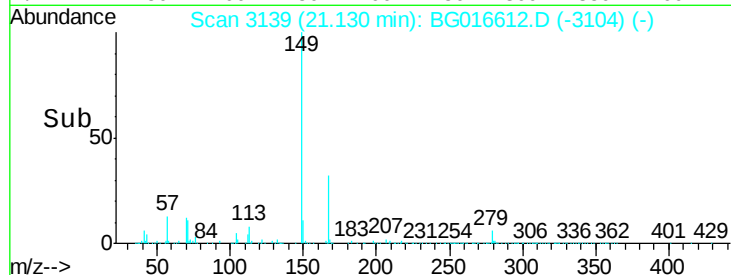
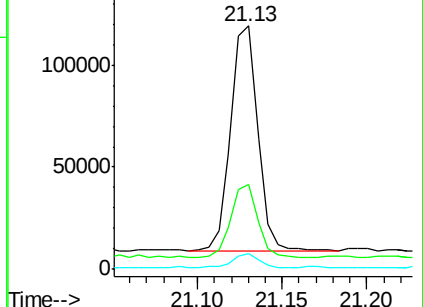
279 6.3 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.44 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

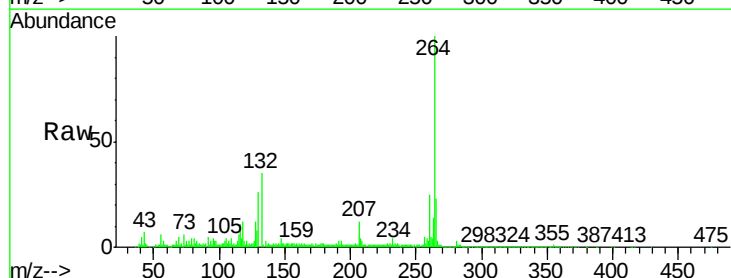
Tgt Ion:264 Resp: 308578

Ion Ratio Lower Upper

264 100

260 24.8 21.4 32.2

265 23.0 18.7 28.1



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

