

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
 Data File : BG016246.D
 Acq On : 7 Apr 2015 9:03
 Operator : TP/IZ
 Sample : G1729-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-EF-04-001-ABCD

Quant Time: Apr 07 14:05:35 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

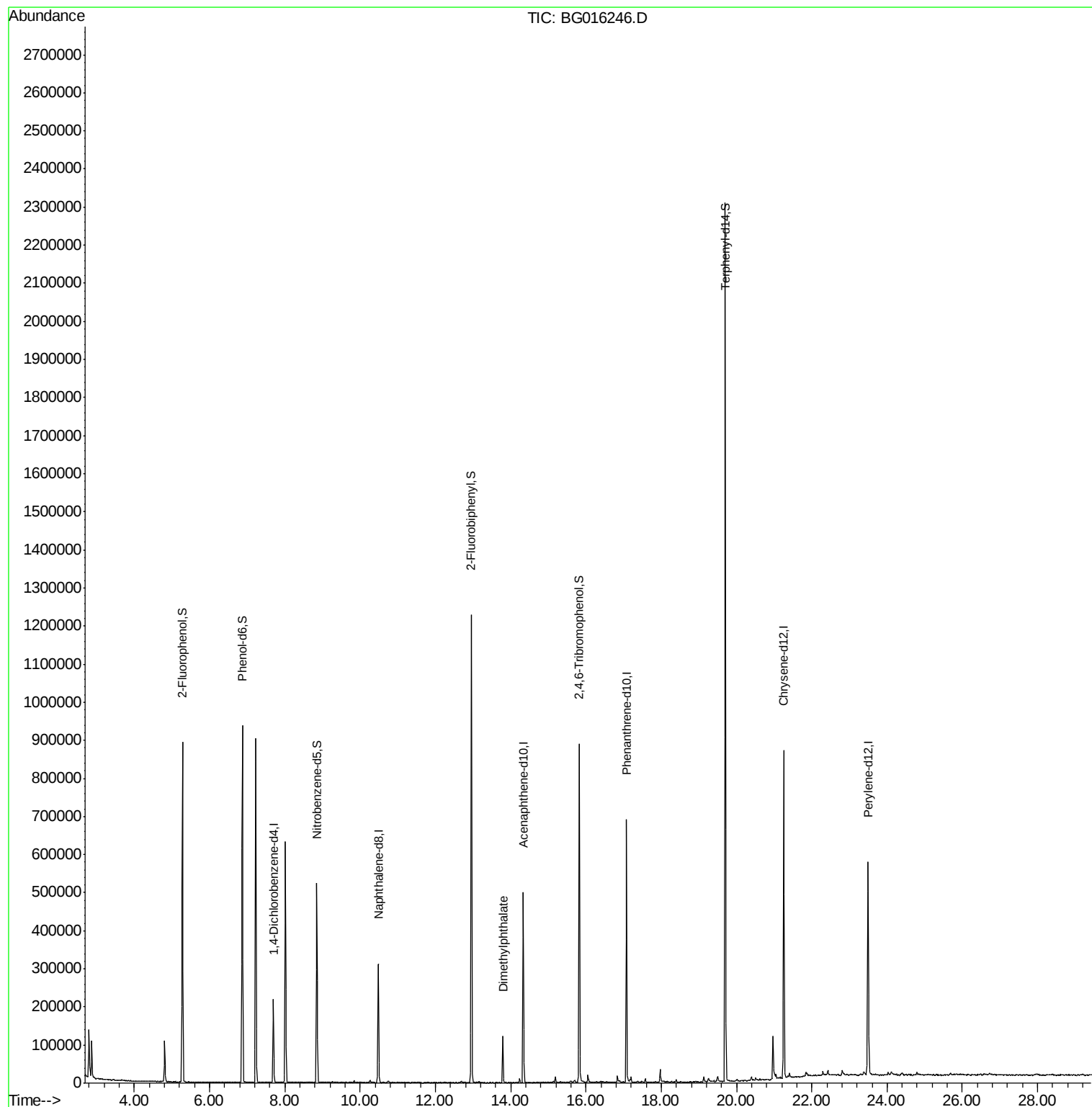
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	58143	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	263154	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	161895	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	358013	20.00	ng	0.00
75) Chrysene-d12	21.26	240	345571	20.00	ng	0.00
86) Perylene-d12	23.50	264	316074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	408184	110.80	ng	0.00
7) Phenol-d6	6.87	99	598053	108.14	ng	0.00
23) Nitrobenzene-d5	8.85	82	308184	67.84	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	125869	114.96	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	617232	64.91	ng	0.00
78) Terphenyl-d14	19.71	244	847390	57.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.80	163	76443	6.44	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

FK-EF-04-001-ABCD

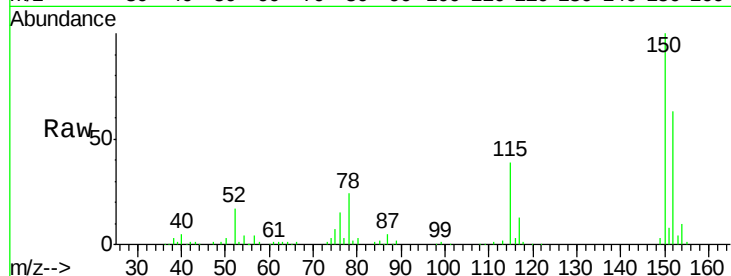
Tgt Ion:152 Resp: 58143

Ion Ratio Lower Upper

152 100

150 158.0 130.1 195.1

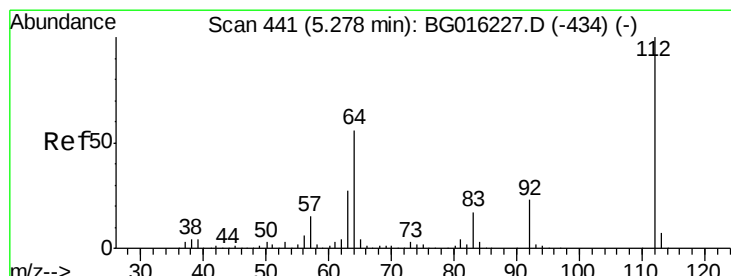
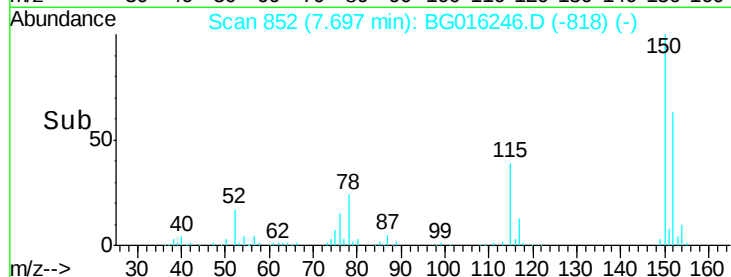
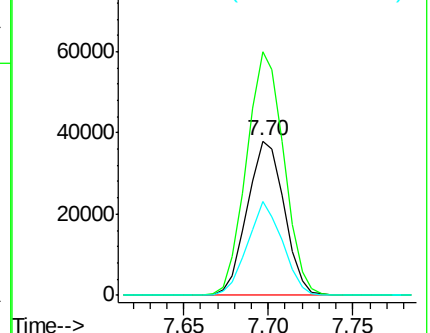
115 61.1 50.5 75.7



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: 110.80 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

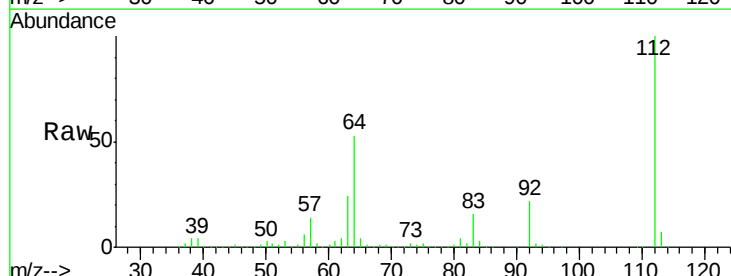
Tgt Ion:112 Resp: 408184

Ion Ratio Lower Upper

112 100

64 53.4 44.5 66.7

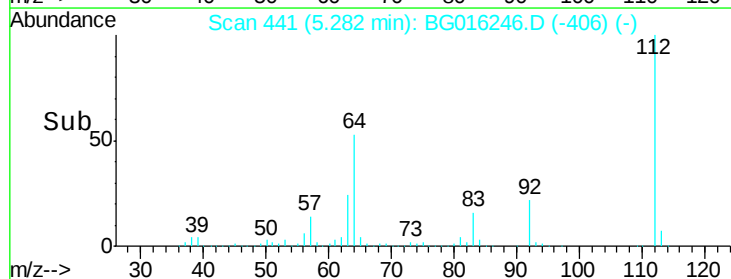
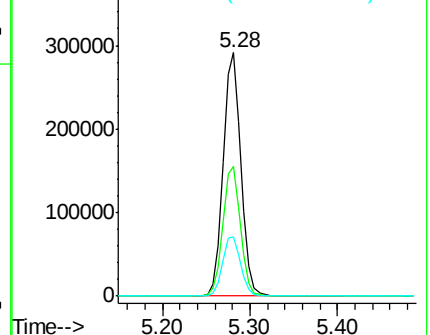
63 24.2 21.4 32.0

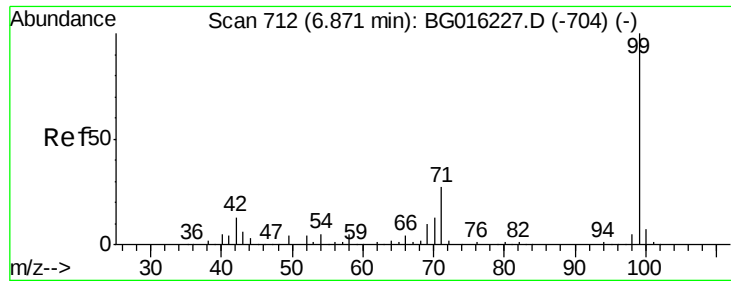


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.14 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

FK-EF-04-001-ABCD

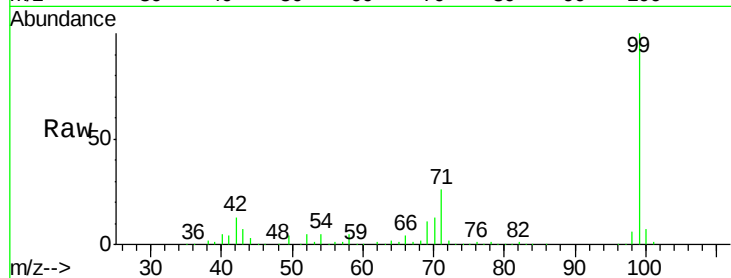
Tgt Ion: 99 Resp: 598053

Ion Ratio Lower Upper

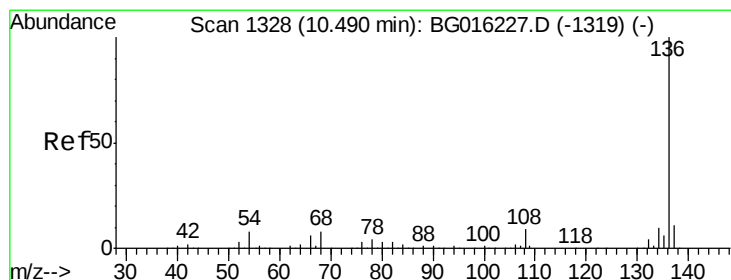
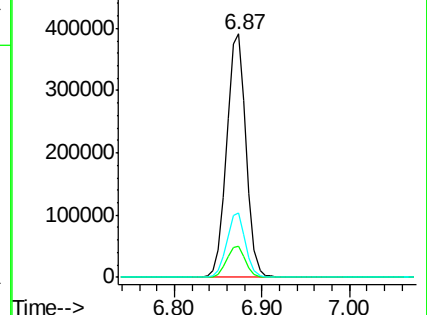
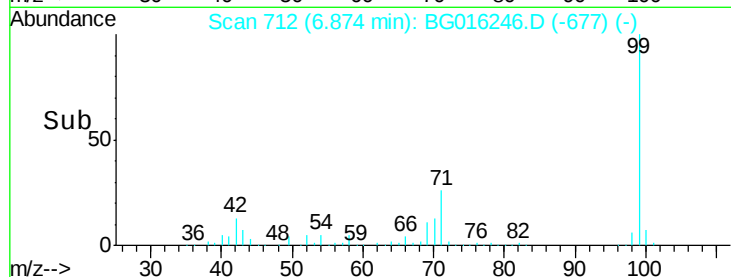
99 100

42 12.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Tgt Ion: 136 Resp: 263154

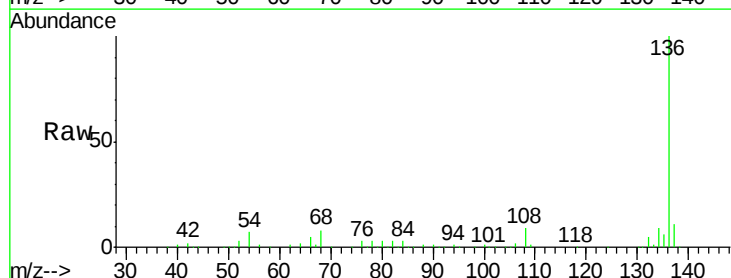
Ion Ratio Lower Upper

136 100

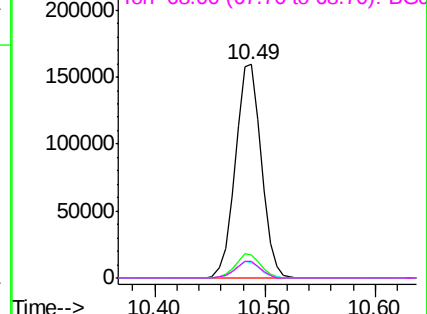
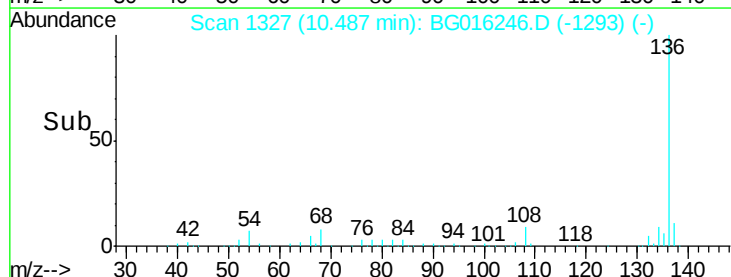
137 10.9 8.7 13.1

54 7.2 6.3 9.5

68 7.6 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

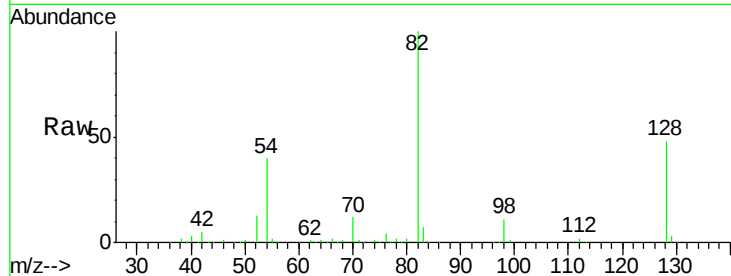




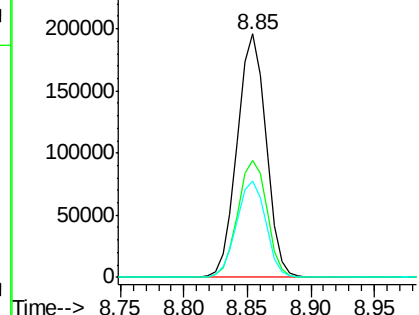
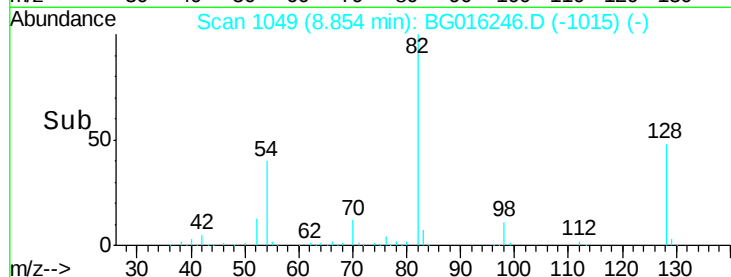
#23
 Nitrobenzene-d5
 Concen: 67.84 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-EF-04-001-ABCD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	39.7	32.6	49.0

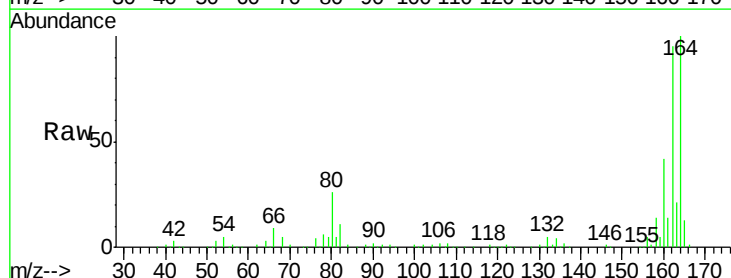


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

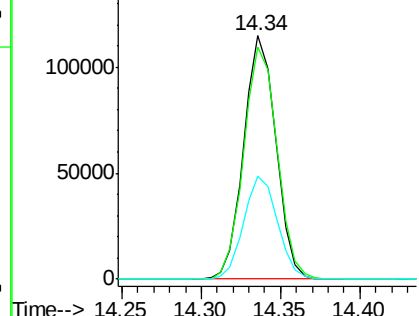
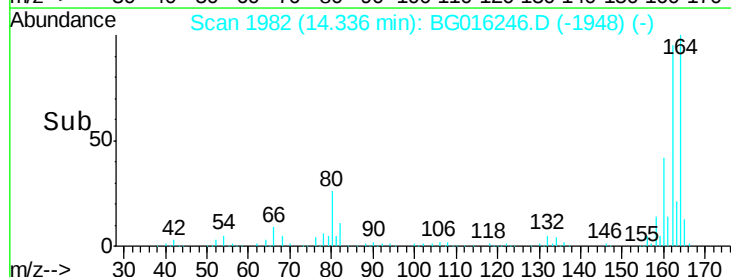


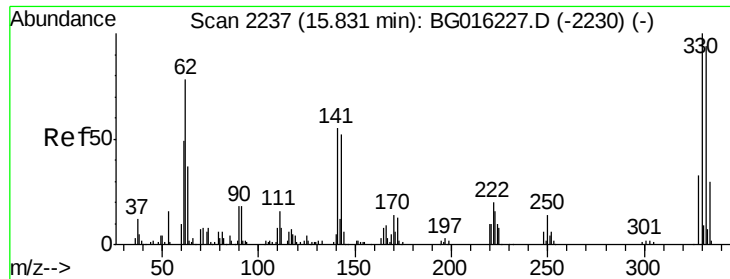
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.3	115.9
160	42.3	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

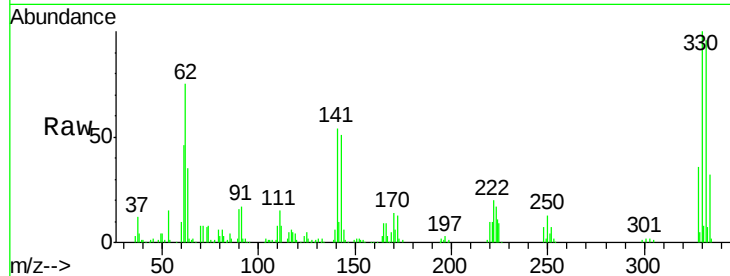




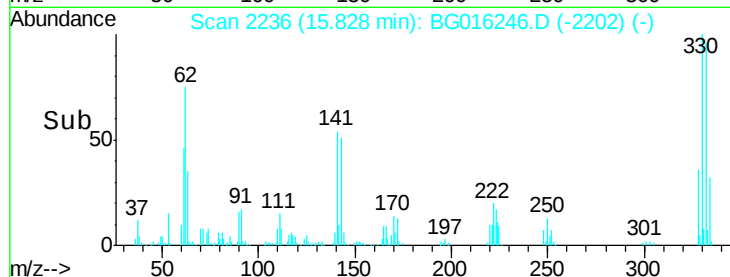
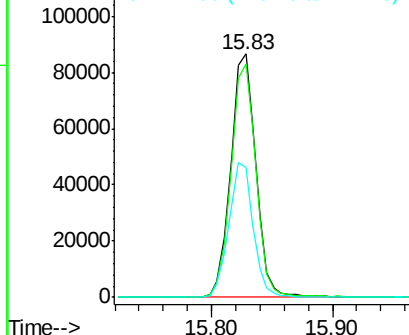
#41
 2,4,6-Tribromophenol
 Concen: 114.96 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-EF-04-001-ABCD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.6
141	54.0	46.6	69.8

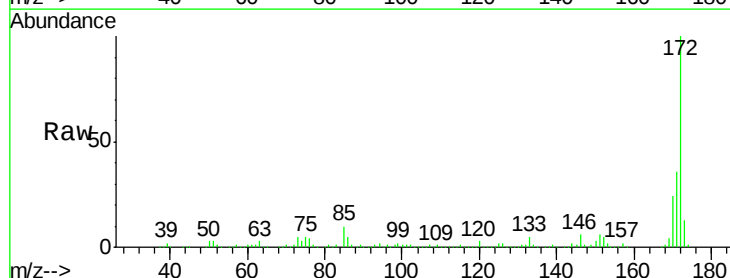


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

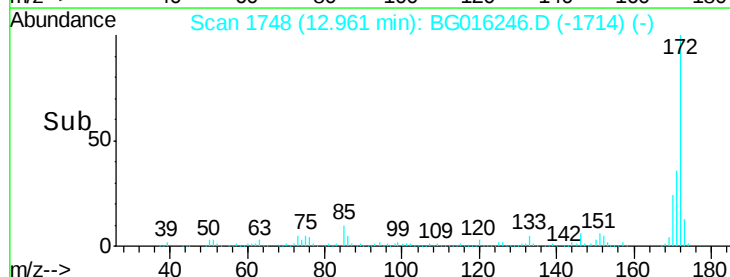
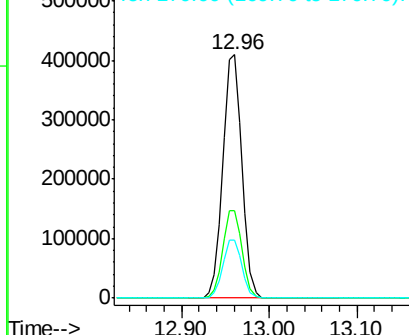


#44
 2-Fluorobiphenyl
 Concen: 64.91 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	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: 6.44 ng

RT: 13.80 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

FK-EF-04-001-ABCD

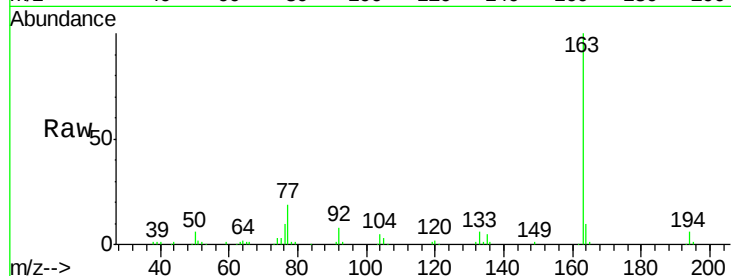
Tgt Ion:163 Resp: 76443

Ion Ratio Lower Upper

163 100

194 5.9 5.0 7.4

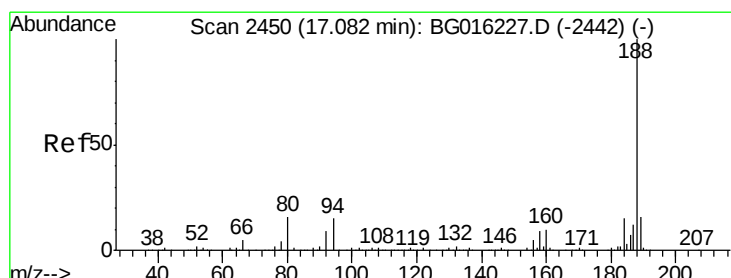
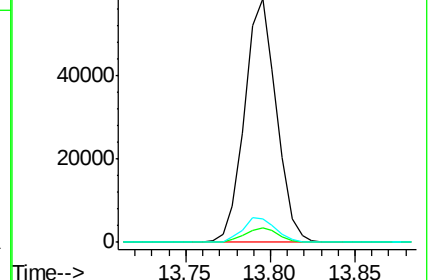
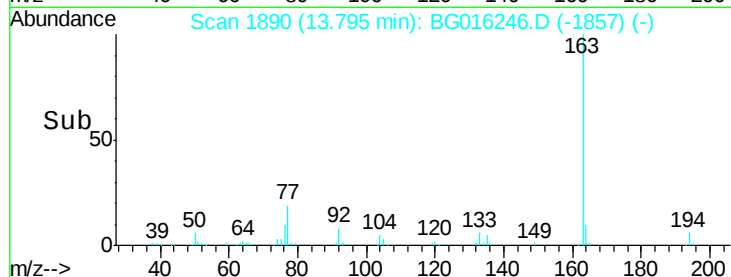
164 9.9 8.2 12.4



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: BG016246.D

Acq: 7 Apr 2015 9:03

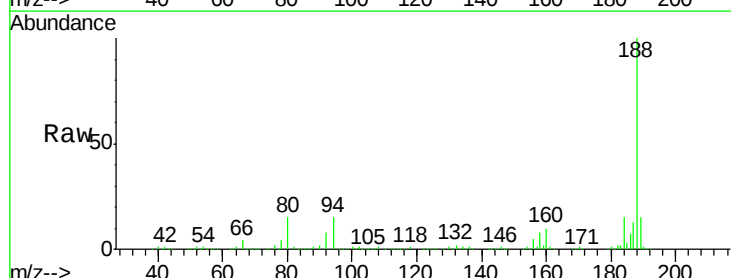
Tgt Ion:188 Resp: 358013

Ion Ratio Lower Upper

188 100

94 15.1 12.2 18.4

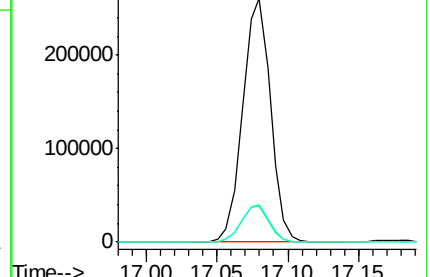
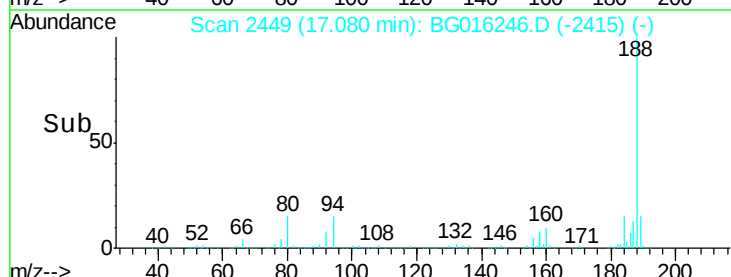
80 15.2 12.8 19.2

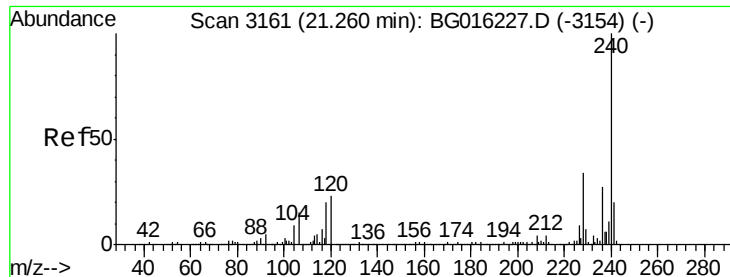


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

FK-EF-04-001-ABCD

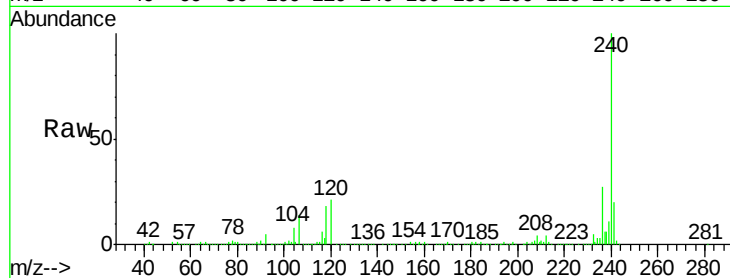
Tgt Ion:240 Resp: 345571

Ion Ratio Lower Upper

240 100

120 20.7 18.6 28.0

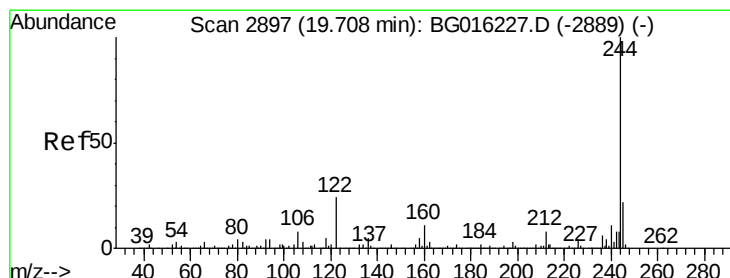
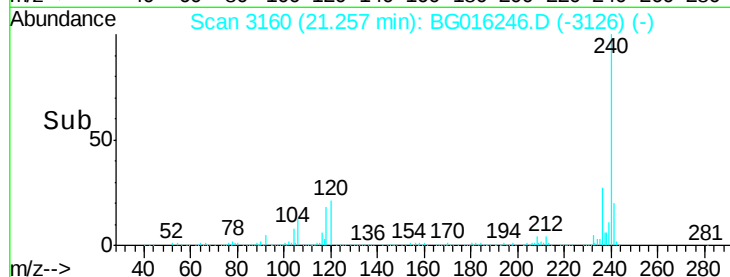
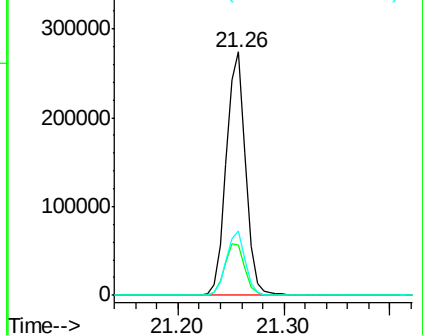
236 26.5 21.7 32.5



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: 57.39 ng

RT: 19.71 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

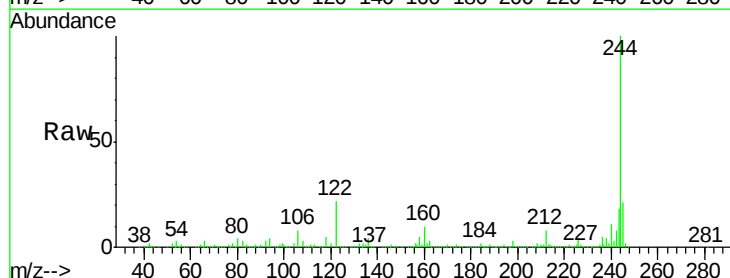
Tgt Ion:244 Resp: 847390

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

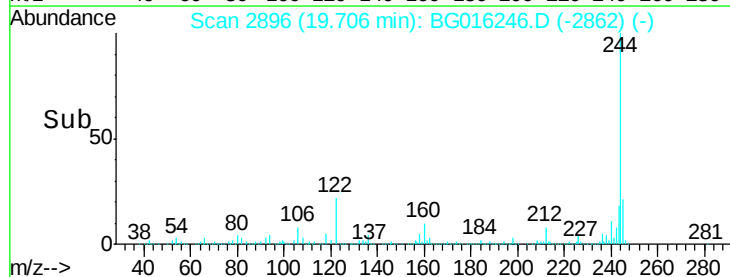
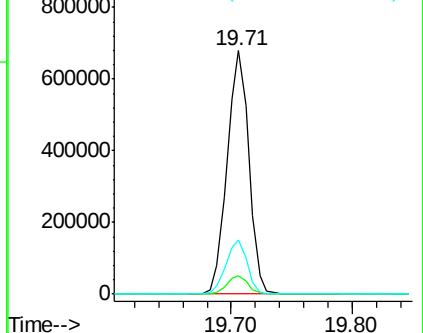
122 22.1 19.1 28.7

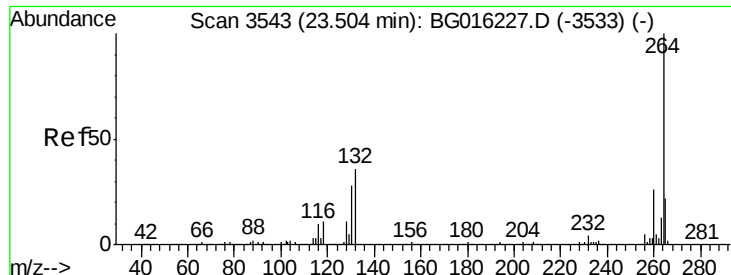


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

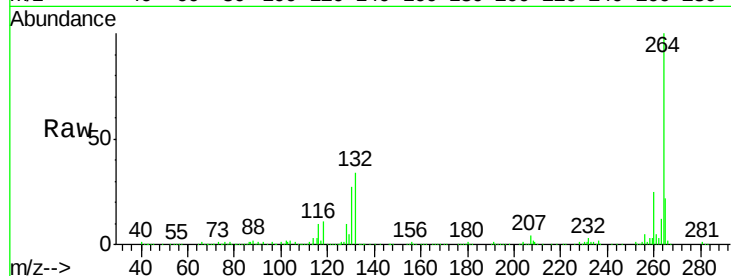




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Instrument :
BNA_G
ClientSampleId :
FK-EF-04-001-ABCD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	22.0	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

