

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016742.D
 Acq On : 27 Apr 2015 20:11
 Operator : TP/IZ
 Sample : G2020-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-029

Quant Time: Apr 28 01:09:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 00:54:32 2015
 Response via : Initial Calibration

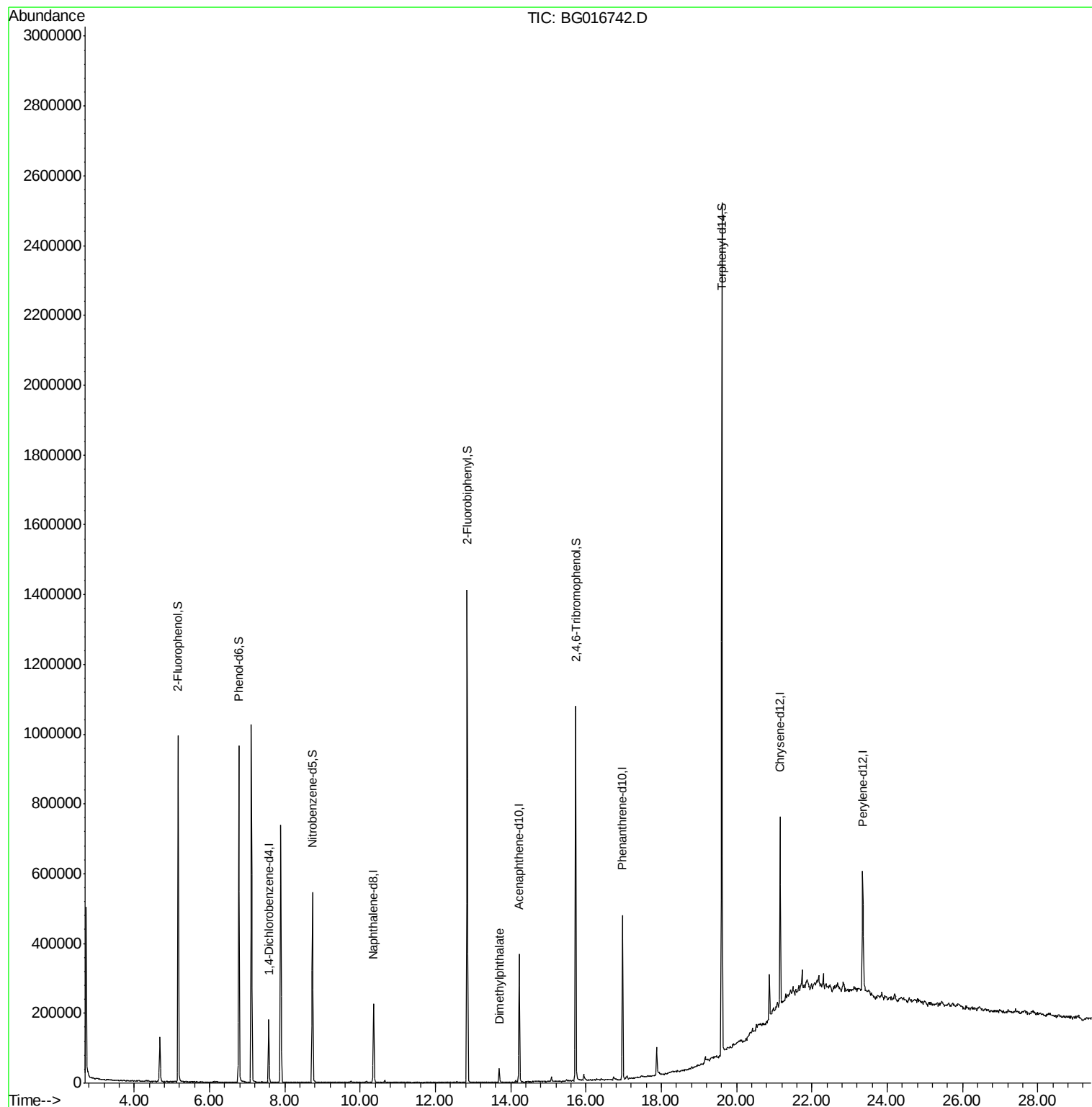
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	50925	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	203981	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	120371	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	265269	20.00	ng	-0.01
75) Chrysene-d12	21.16	240	233406	20.00	ng	-0.01
86) Perylene-d12	23.35	264	217283	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	480632	153.15	ng	0.00
7) Phenol-d6	6.78	99	643821	146.24	ng	0.00
23) Nitrobenzene-d5	8.73	82	315628	97.77	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	162602	182.09	ng	0.00
44) 2-Fluorobiphenyl	12.85	172	740648	98.86	ng	0.00
78) Terphenyl-d14	19.61	244	946313	93.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.69	163	29985	3.33	ng	Qvalue # 98

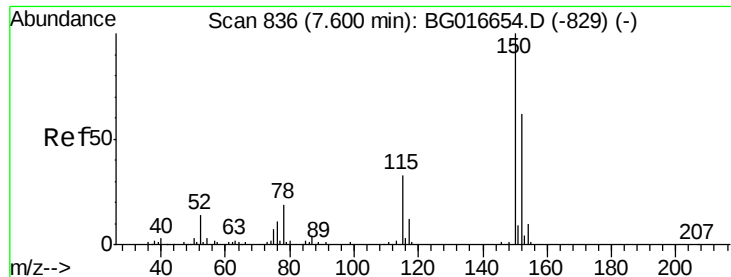
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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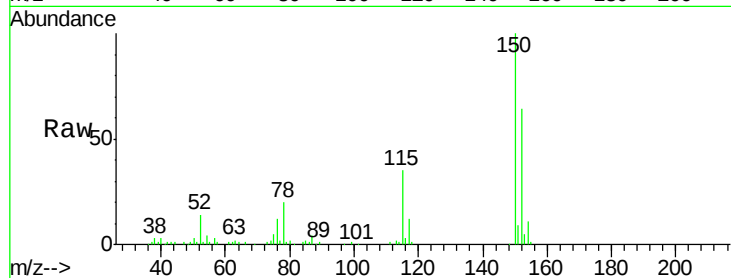


#1

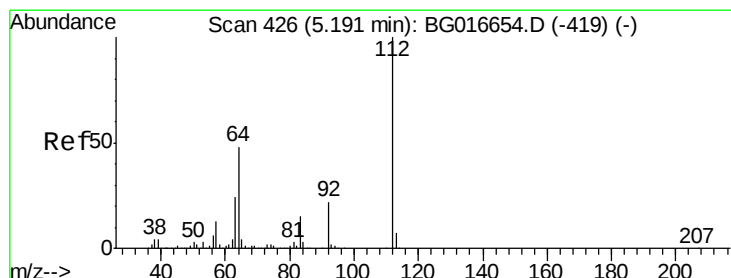
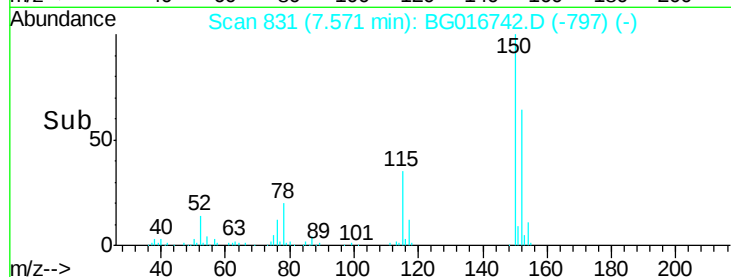
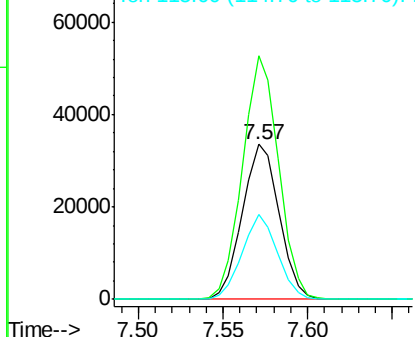
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG016742.D
Acq: 27 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
FS-029

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.6	194.4
115	55.1	43.0	64.6



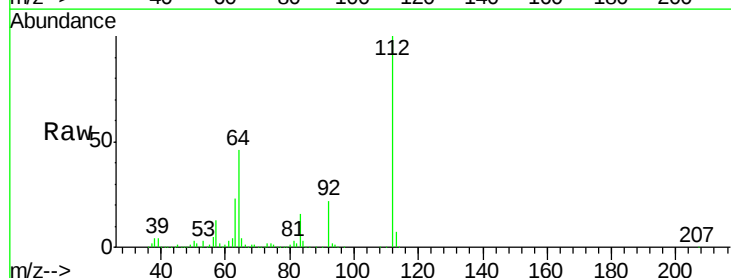
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



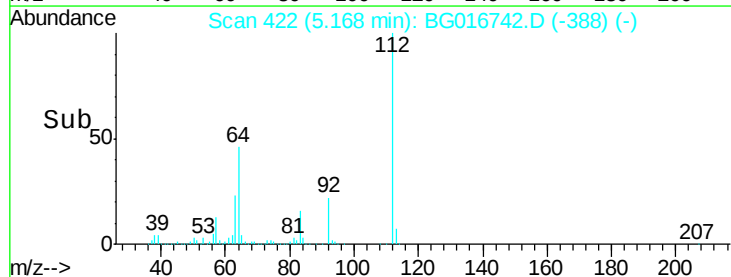
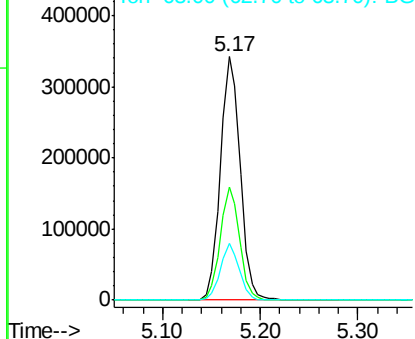
#5

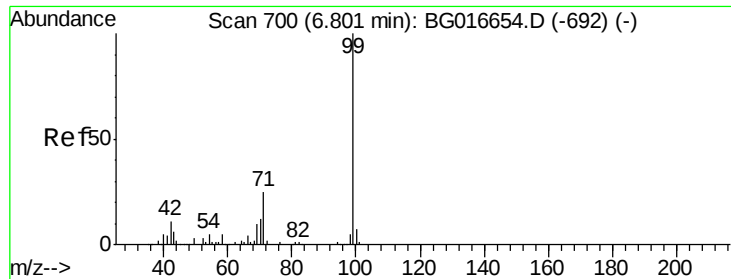
2-Fluorophenol
Concen: 153.15 ng
RT: 5.17 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG016742.D
Acq: 27 Apr 2015 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.2	38.3	57.5
63	23.1	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 146.24 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG016742.D

Acq: 27 Apr 2015 20:11

Instrument :

BNA_G

ClientSampled :

FS-029

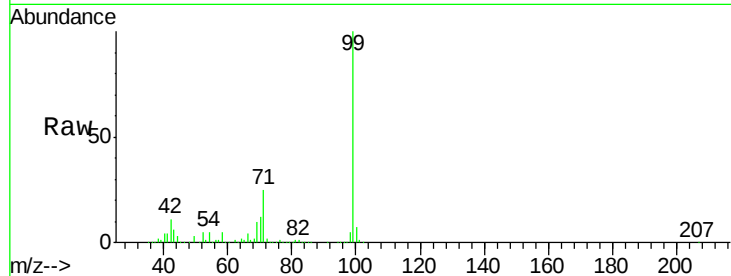
Tot Ion: 99 Resp: 643821

Ion Ratio Lower Upper

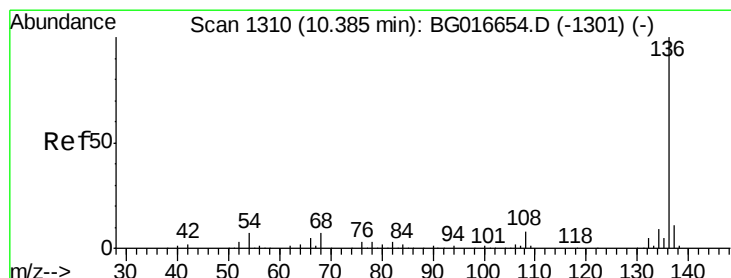
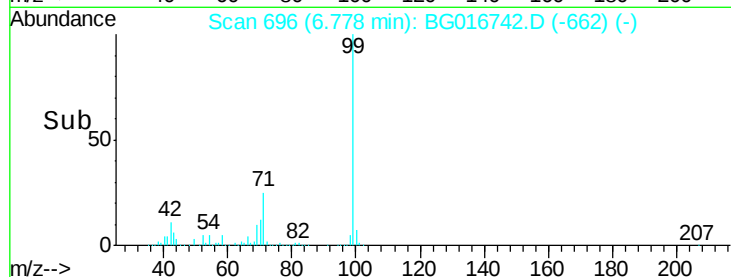
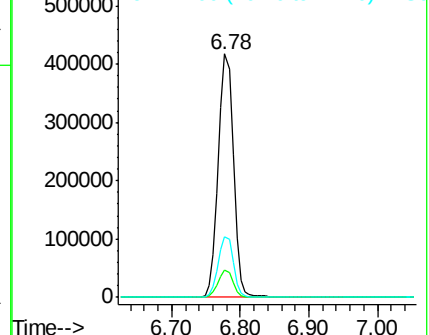
99 100

42 11.2 8.8 13.2

71 25.1 19.9 29.9



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: 10.36 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG016742.D

Acq: 27 Apr 2015 20:11

Tgt Ion: 136 Resp: 203981

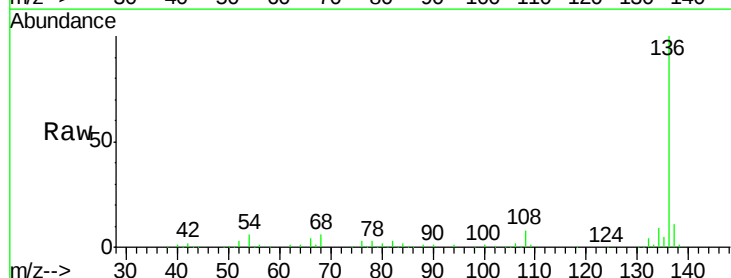
Ion Ratio Lower Upper

136 100

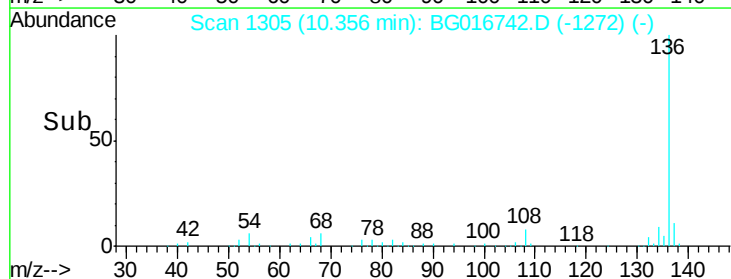
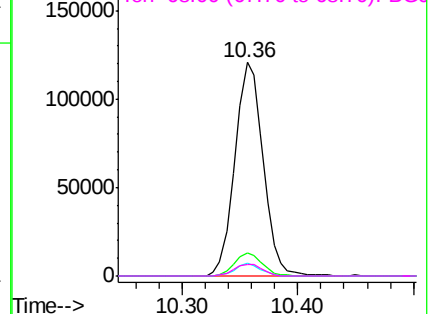
137 10.9 8.5 12.7

54 5.9 5.4 8.2

68 5.6 5.2 7.8



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

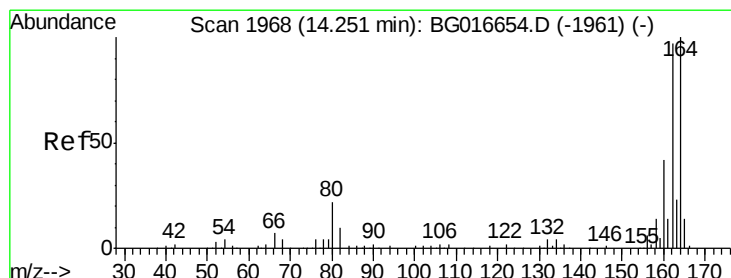
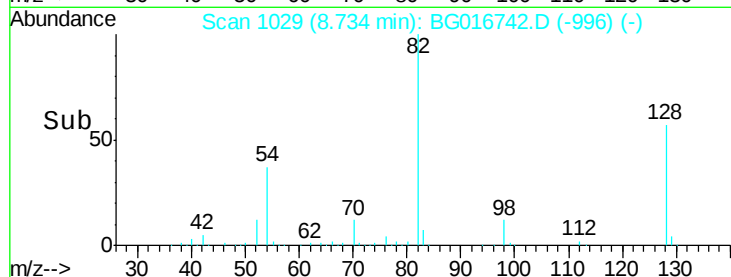
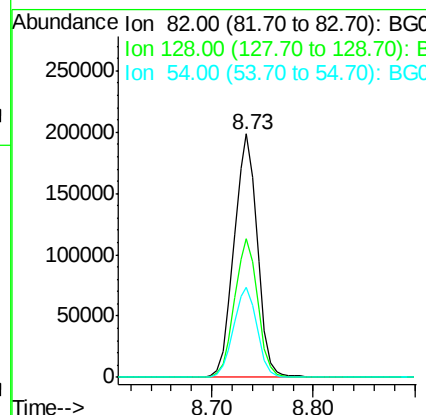
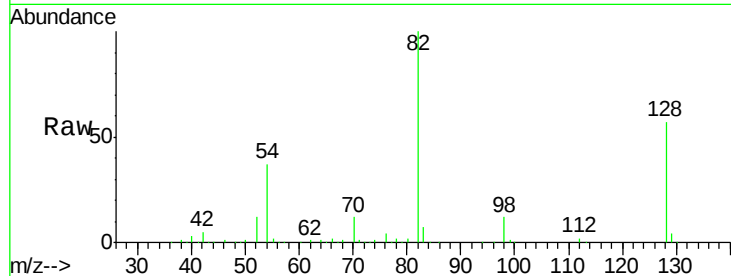




#23
 Nitrobenzene-d5
 Concen: 97.77 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG016742.D
 Acq: 27 Apr 2015 20:11

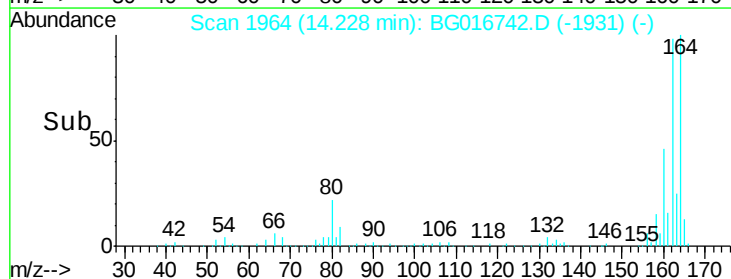
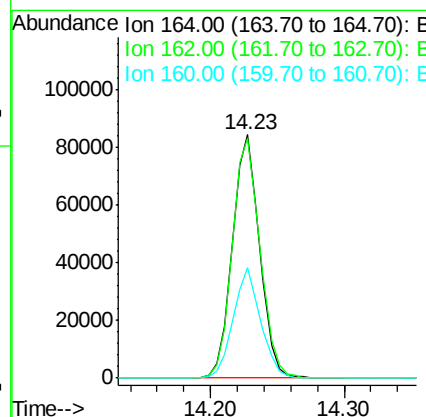
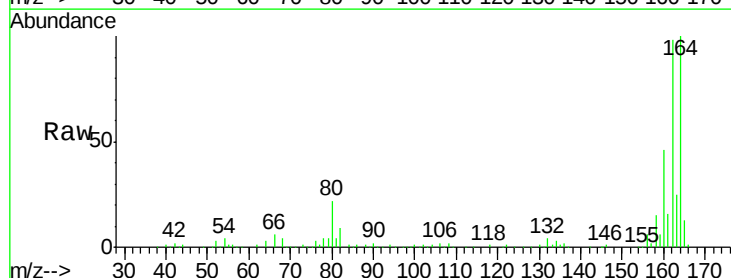
Instrument :
 BNA_G
 ClientSampleId :
 FS-029

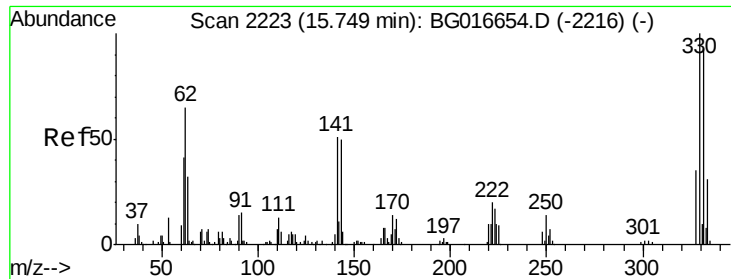
Tot Ion: 82 Resp: 315628
 Ion Ratio Lower Upper
 82 100
 128 56.8 44.7 67.1
 54 37.1 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG016742.D
 Acq: 27 Apr 2015 20:11

Tgt Ion: 164 Resp: 120371
 Ion Ratio Lower Upper
 164 100
 162 98.3 77.3 115.9
 160 45.6 33.7 50.5

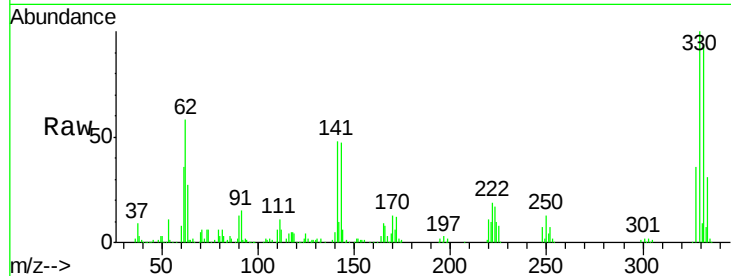




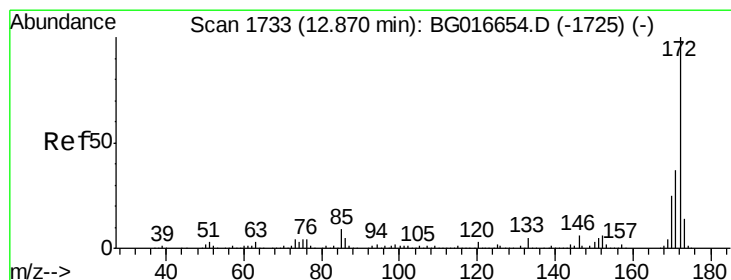
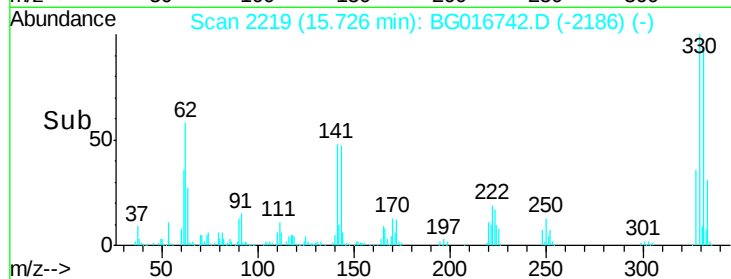
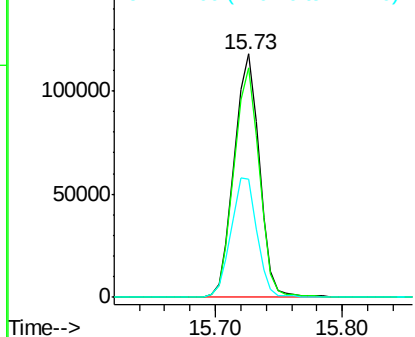
#41
 2,4,6-Tribromophenol
 Concen: 182.09 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG016742.D
 Acq: 27 Apr 2015 20:11

Instrument :
 BNA_G
 ClientSampleId :
 FS-029

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.2	114.4
141	50.7	43.0	64.6

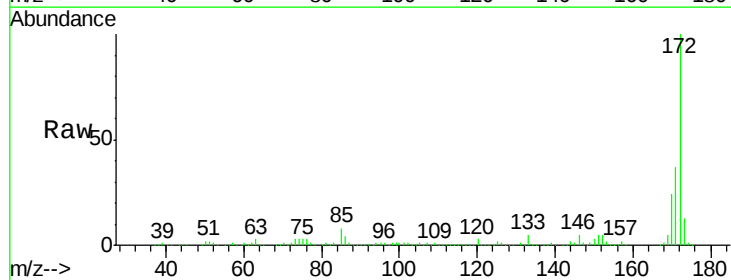


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

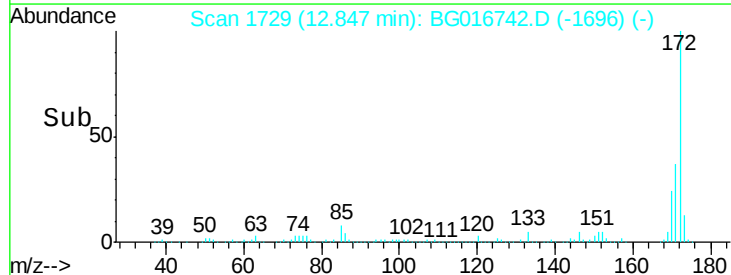
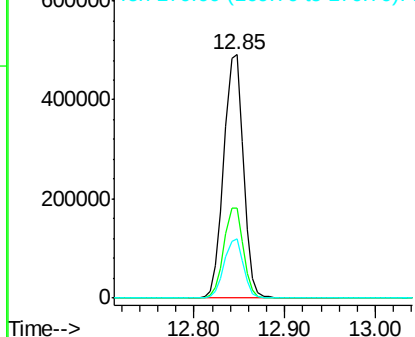


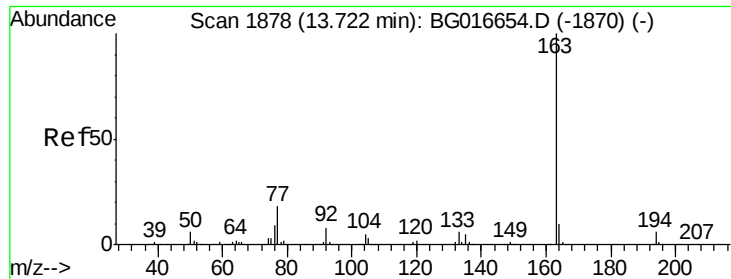
#44
 2-Fluorobiphenyl
 Concen: 98.86 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BG016742.D
 Acq: 27 Apr 2015 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	24.4	19.8	29.8



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: 3.33 ng

RT: 13.69 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG016742.D

Acq: 27 Apr 2015 20:11

Instrument :

BNA_G

ClientSampleId :

FS-029

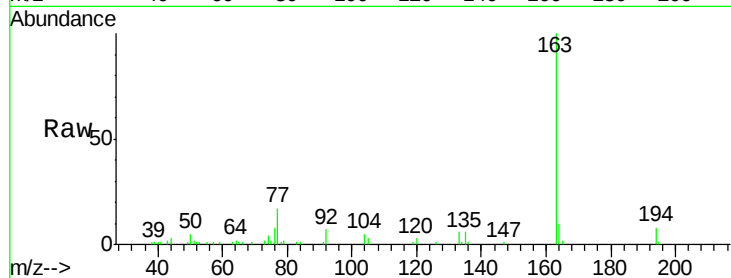
Tot Ion:163 Resp: 29985

Ion Ratio Lower Upper

163 100

194 7.7 5.0 7.4#

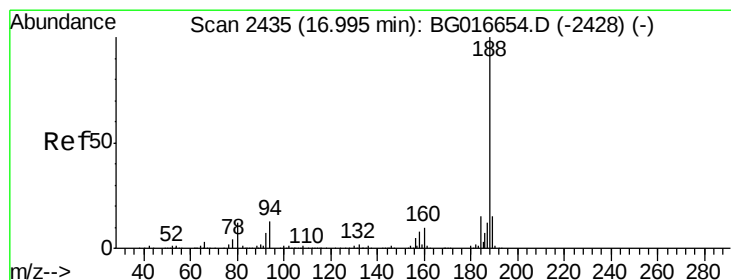
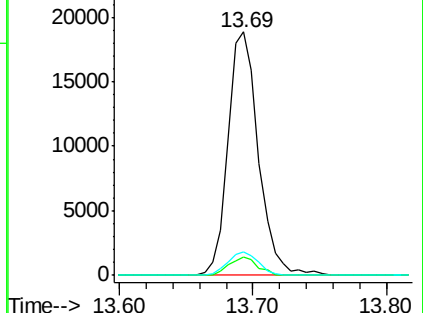
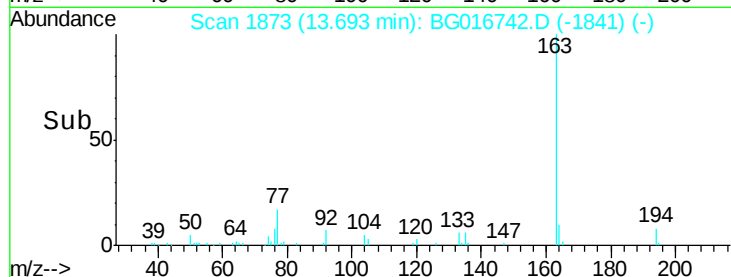
164 9.6 7.8 11.8



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: 16.97 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG016742.D

Acq: 27 Apr 2015 20:11

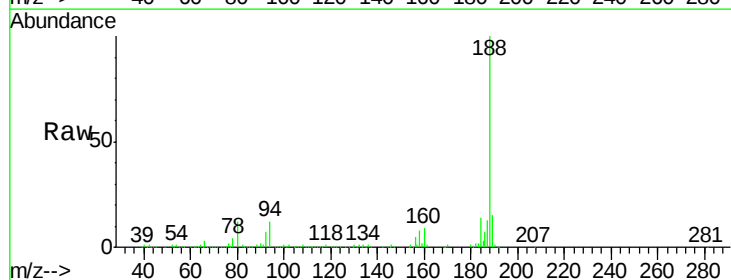
Tgt Ion:188 Resp: 265269

Ion Ratio Lower Upper

188 100

94 12.0 10.7 16.1

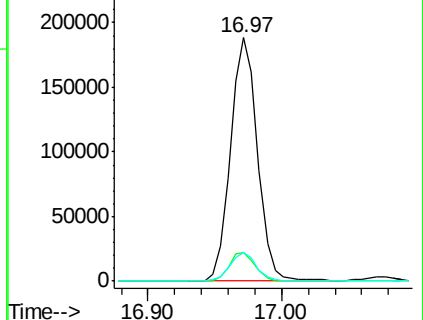
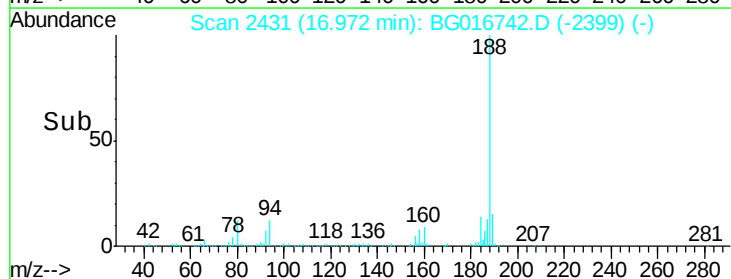
80 11.6 9.9 14.9

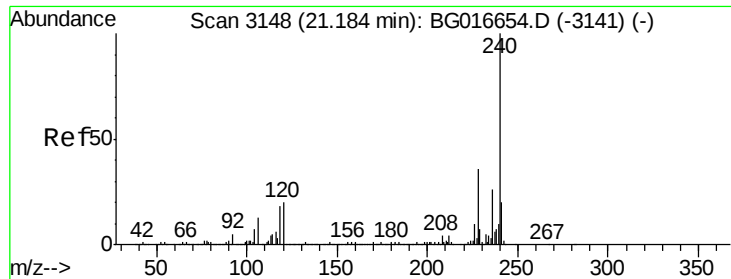


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG016742.D

Acq: 27 Apr 2015 20:11

Instrument :

BNA_G

ClientSampleId :

FS-029

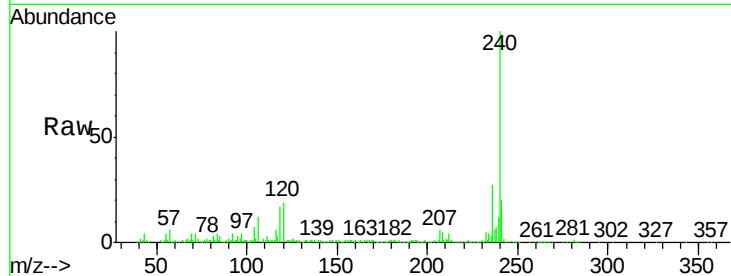
Tot Ion:240 Resp: 233406

Ion Ratio Lower Upper

240 100

120 18.6 16.3 24.5

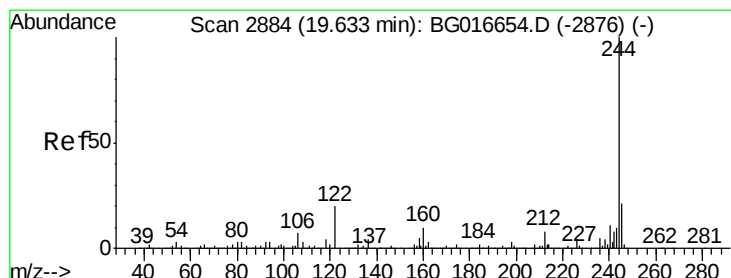
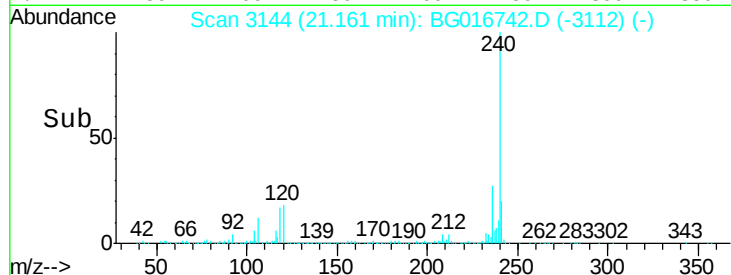
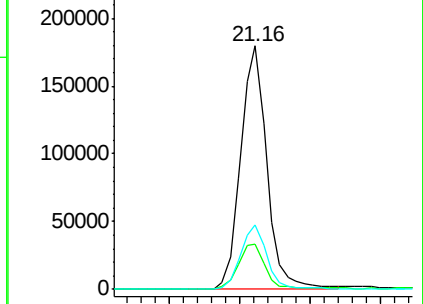
236 26.6 21.1 31.7



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: 93.39 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG016742.D

Acq: 27 Apr 2015 20:11

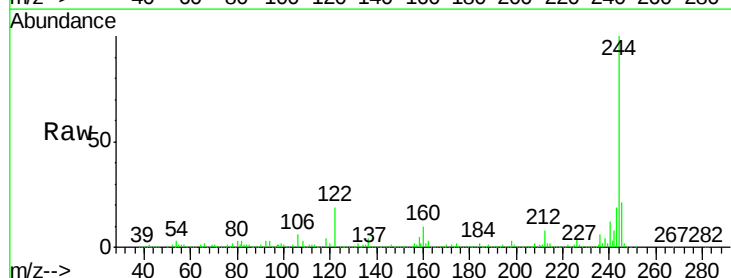
Tgt Ion:244 Resp: 946313

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

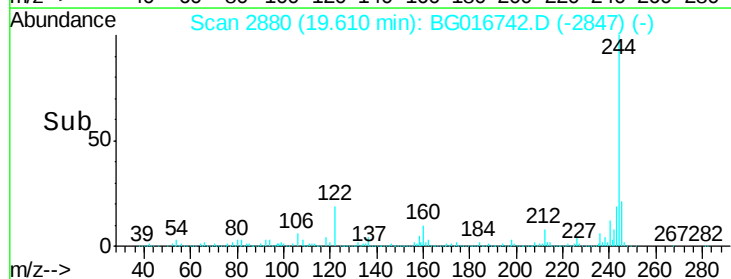
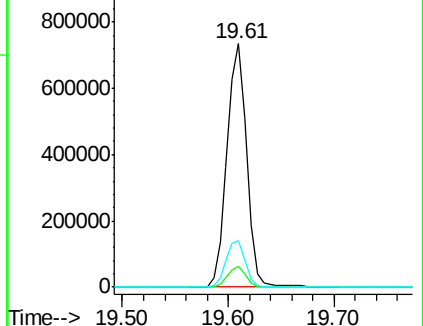
122 19.0 15.9 23.9

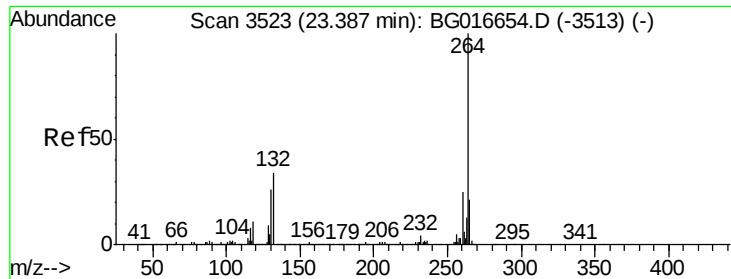


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

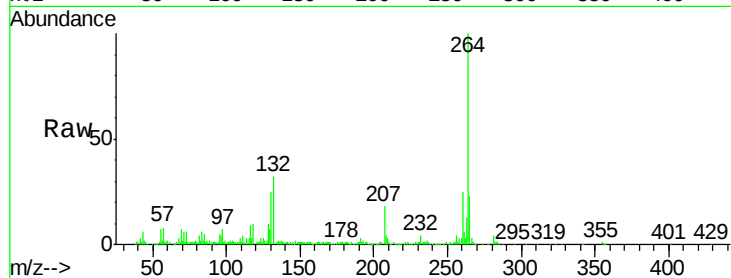




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.02 min
Lab File: BG016742.D
Acq: 27 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
FS-029

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	23.1	16.8	25.2



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

