

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016681.D
 Acq On : 24 Apr 2015 10:21
 Operator : TP/IZ
 Sample : G1938-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 14:13:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

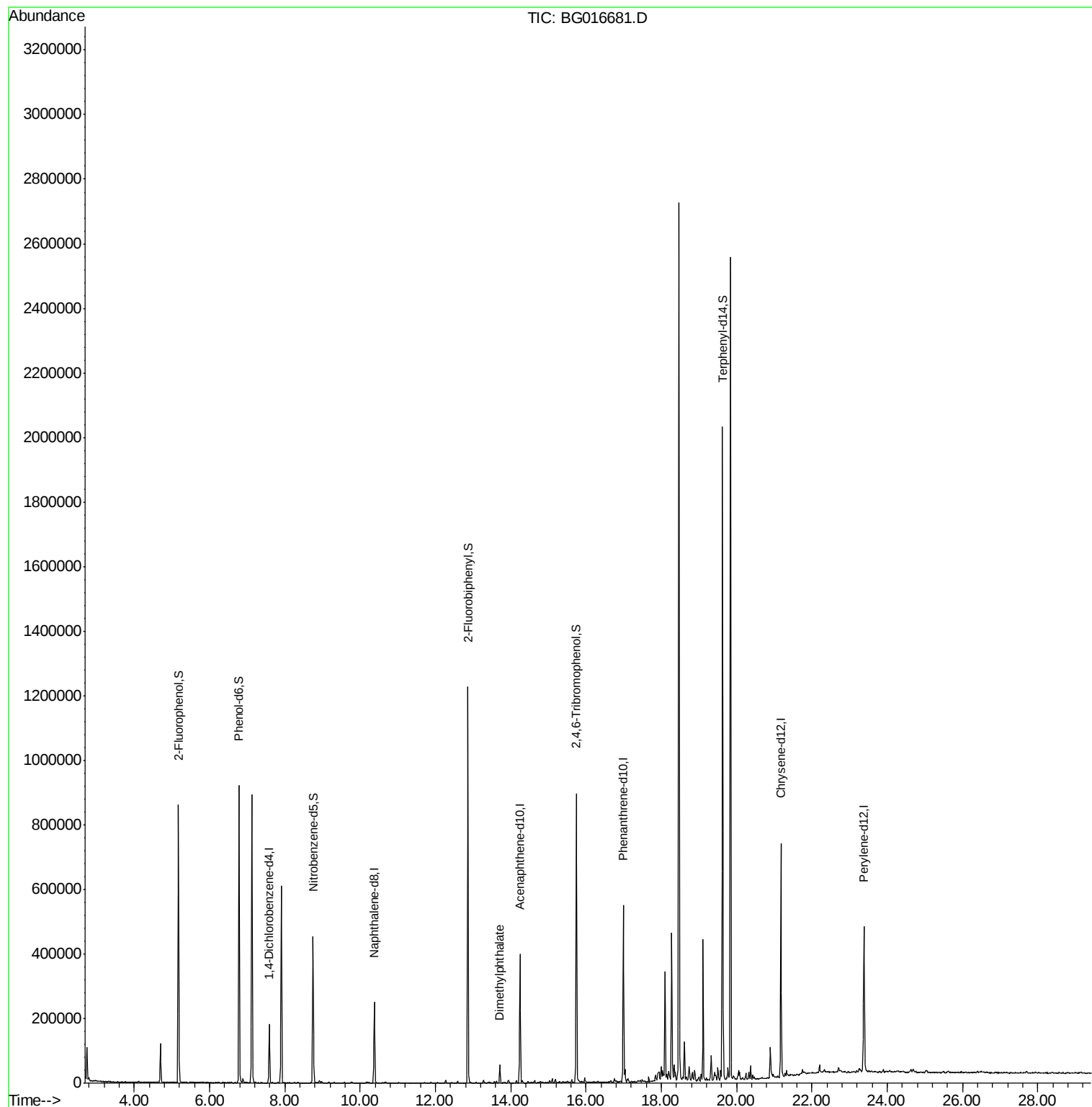
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	51668	20.00	ng	-0.01
21) Naphthalene-d8	10.37	136	221598	20.00	ng	-0.01
38) Acenaphthene-d10	14.24	164	133276	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	300538	20.00	ng	0.00
75) Chrysene-d12	21.18	240	278476	20.00	ng	0.00
86) Perylene-d12	23.38	264	253896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	417498	131.12	ng	-0.02
7) Phenol-d6	6.78	99	579018	129.63	ng	-0.02
23) Nitrobenzene-d5	8.74	82	267416	76.25	ng	-0.02
41) 2,4,6-Tribromophenol	15.74	330	126950	128.40	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	599069	72.22	ng	0.00
78) Terphenyl-d14	19.63	244	740760	61.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.71	163	40282	4.04	ng	Qvalue 100

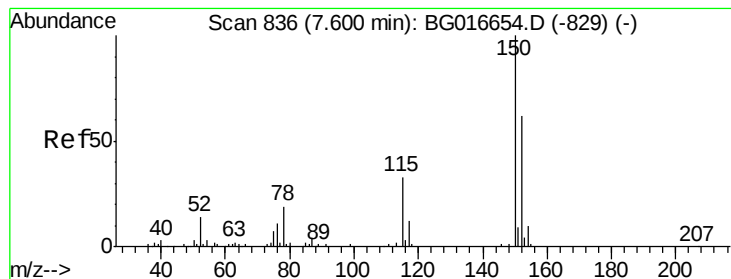
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 19:19:11 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. -0.01 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

Instrument :

BNA_G

ClientSampleId :

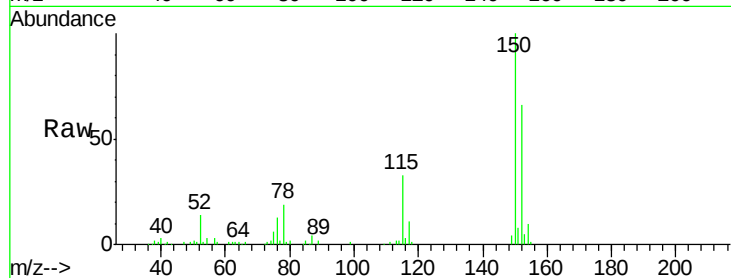
Tot Ion:152 Resp: 51668

Ion Ratio Lower Upper

152 100

150 152.4 129.6 194.4

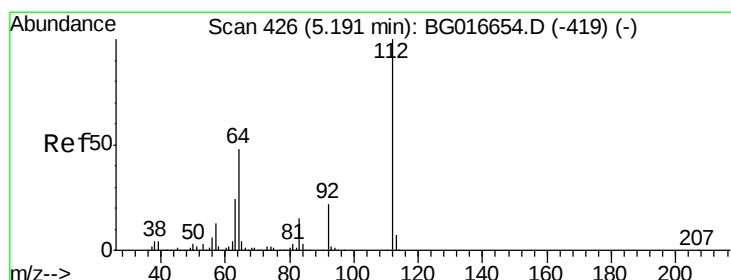
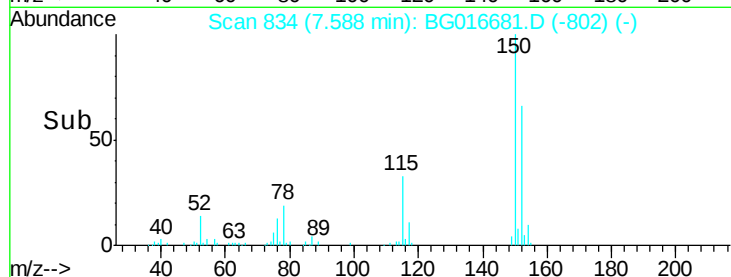
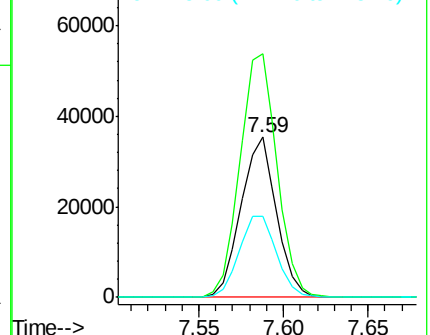
115 50.5 43.0 64.6



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: 131.12 ng

RT: 5.17 min Scan# 423

Delta R.T. -0.02 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

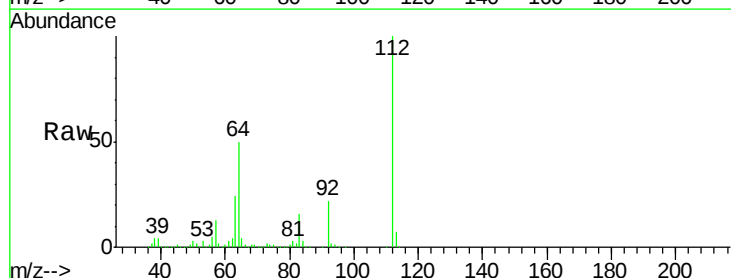
Tgt Ion:112 Resp: 417498

Ion Ratio Lower Upper

112 100

64 49.8 38.3 57.5

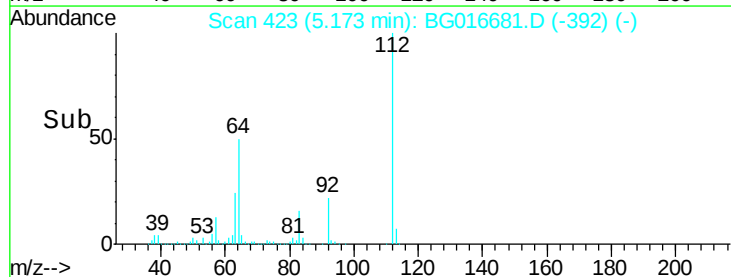
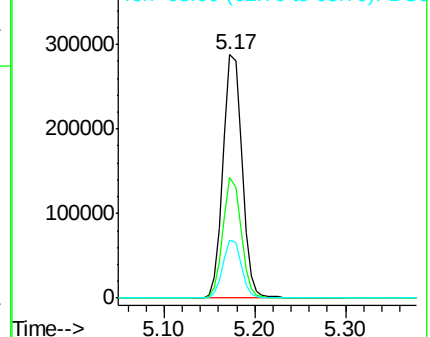
63 24.0 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 129.63 ng

RT: 6.78 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

Instrument :

BNA_G

ClientSampleId :

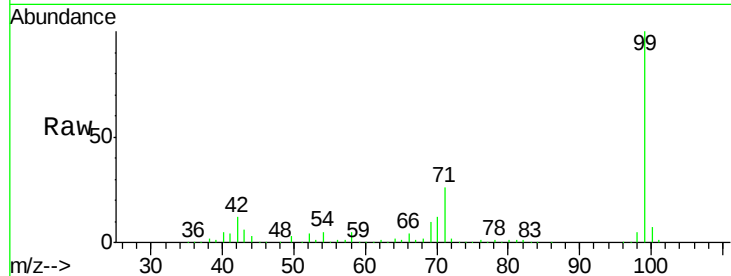
Tot Ion: 99 Resp: 579018

Ion Ratio Lower Upper

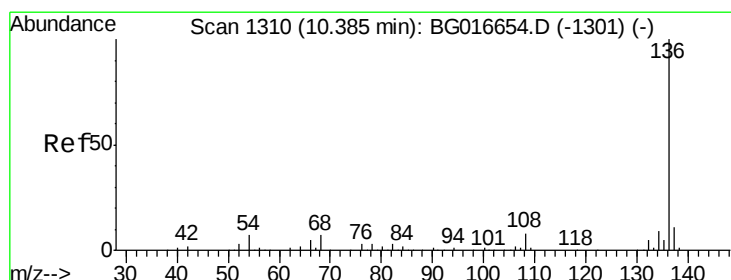
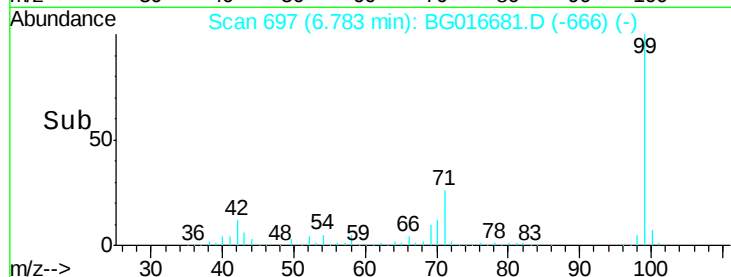
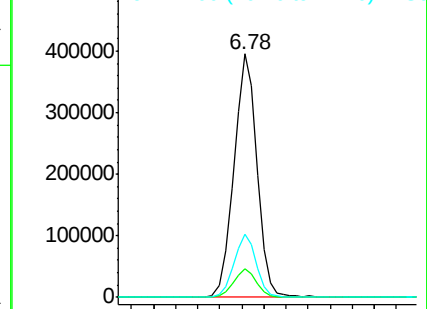
99 100

42 11.9 8.8 13.2

71 25.8 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: 10.37 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

Tgt Ion: 136 Resp: 221598

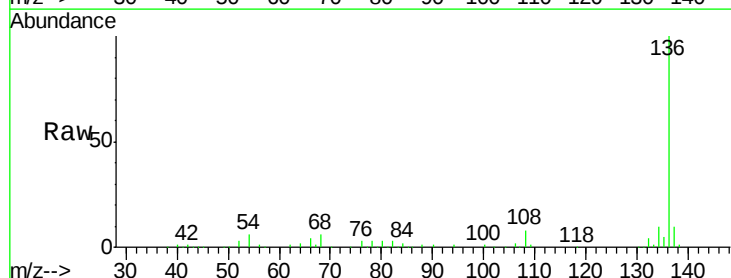
Ion Ratio Lower Upper

136 100

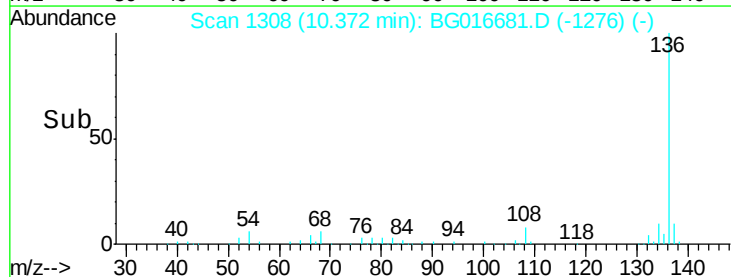
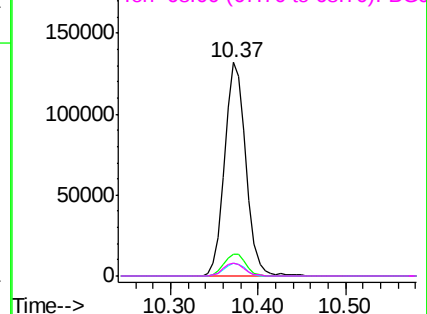
137 10.5 8.5 12.7

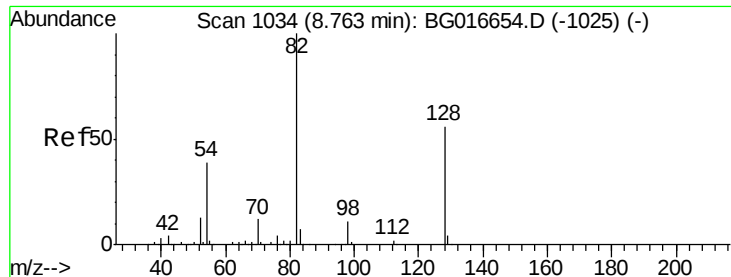
54 6.2 5.4 8.2

68 6.1 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

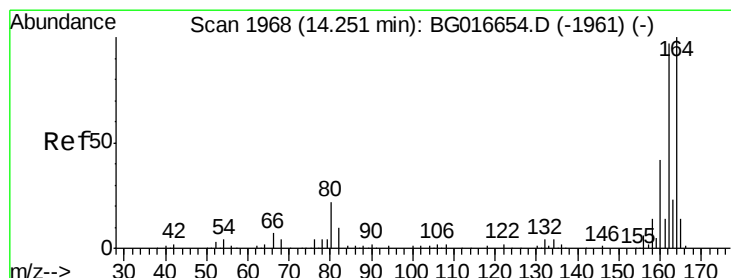
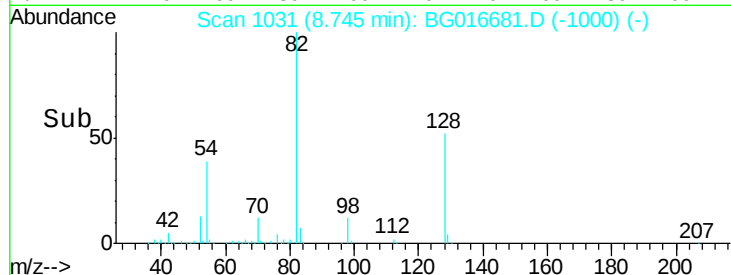
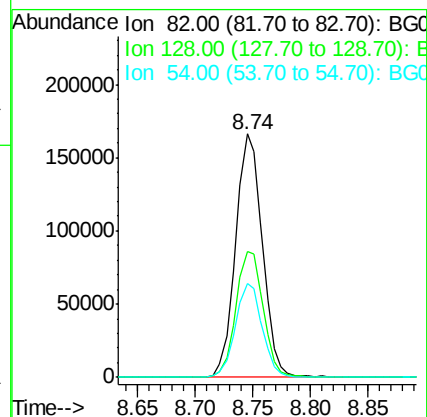
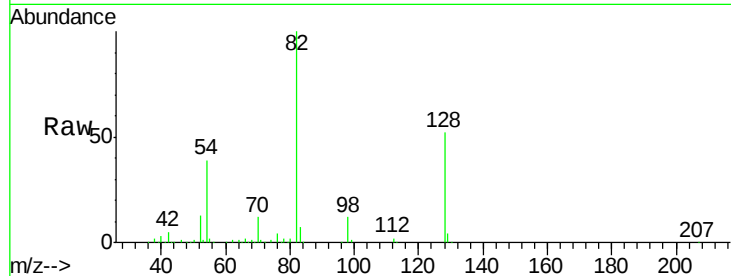




#23
 Nitrobenzene-d5
 Concen: 76.25 ng
 RT: 8.74 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG016681.D
 Acq: 24 Apr 2015 10:21

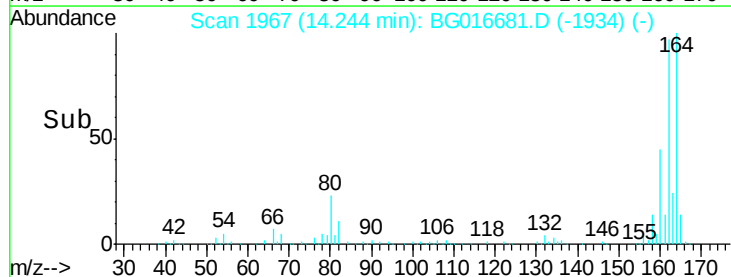
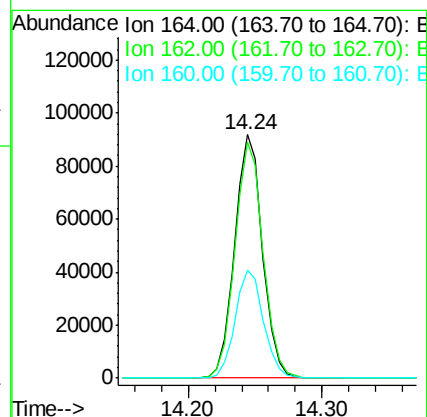
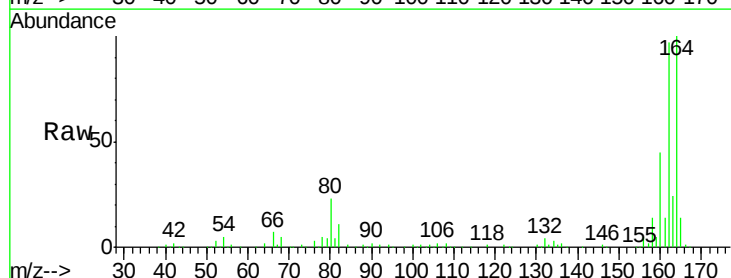
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	267416
Ion Ratio	100	Lower	Upper
128	51.9	44.7	67.1
54	38.7	30.9	46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG016681.D
 Acq: 24 Apr 2015 10:21

Tgt Ion	164	Resp	133276
Ion Ratio	100	Lower	Upper
162	97.0	77.3	115.9
160	44.6	33.7	50.5

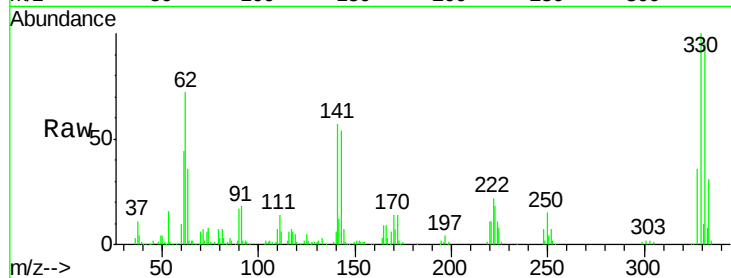




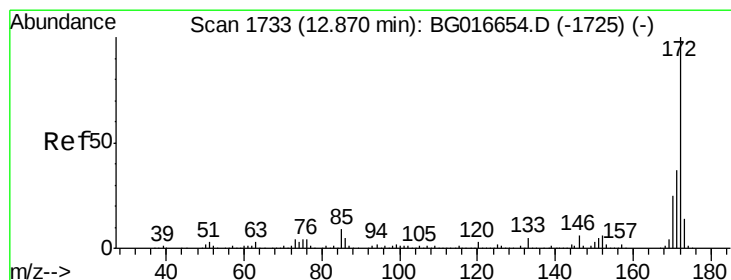
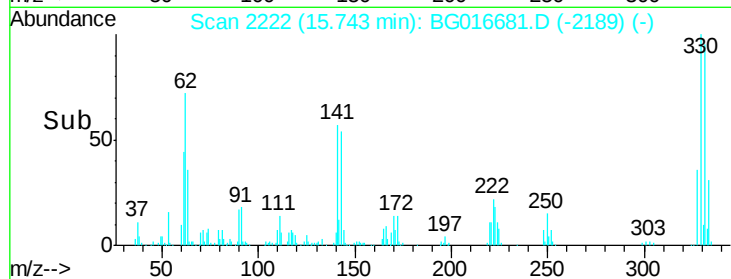
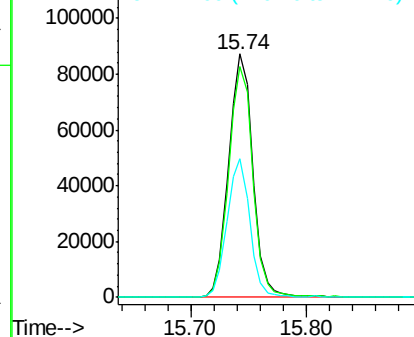
#41
 2,4,6-Tribromophenol
 Concen: 128.40 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG016681.D
 Acq: 24 Apr 2015 10:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	53.7	43.0	64.6

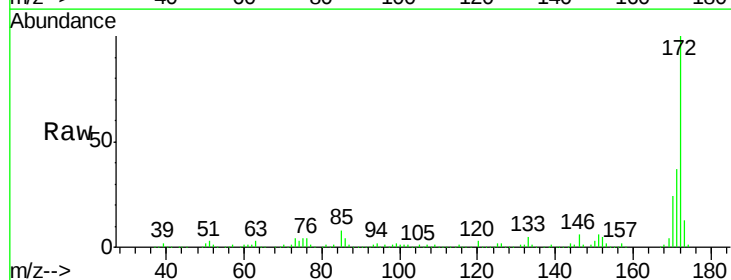


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

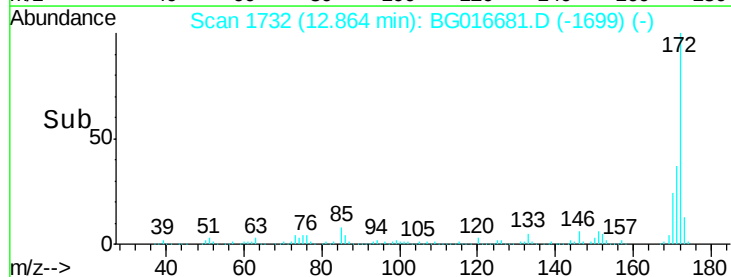
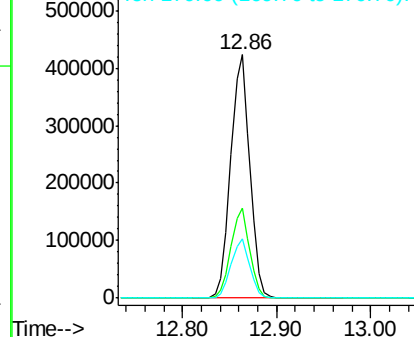


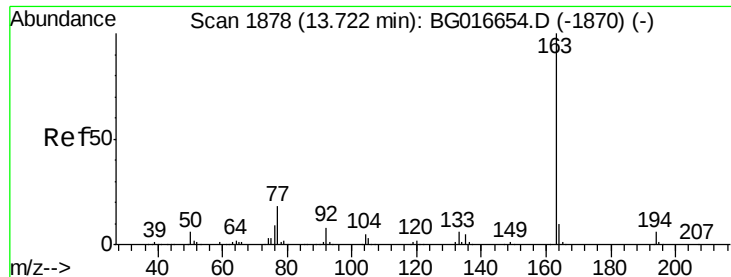
#44
 2-Fluorobiphenyl
 Concen: 72.22 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG016681.D
 Acq: 24 Apr 2015 10:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.2	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: 4.04 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

Instrument :

BNA_G

ClientSampleId :

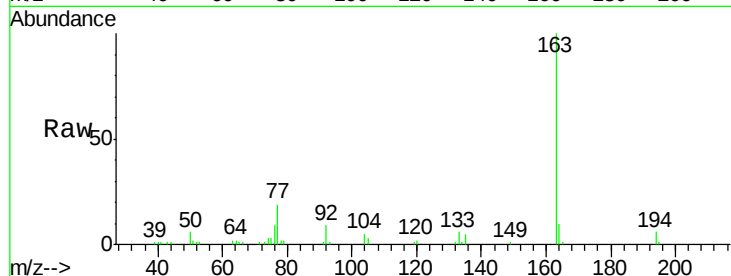
Tot Ion:163 Resp: 40282

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

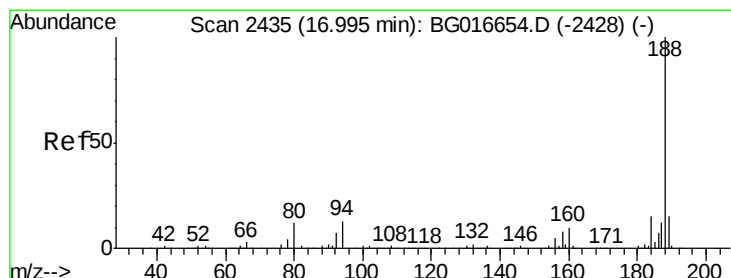
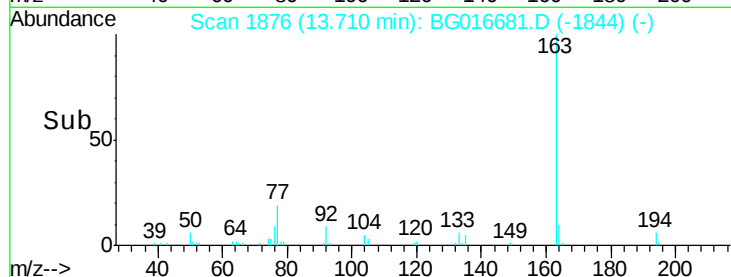
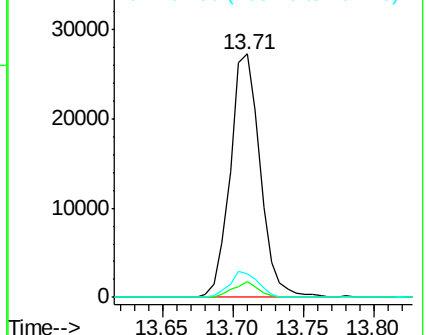
164 9.8 7.8 11.8



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: 16.99 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

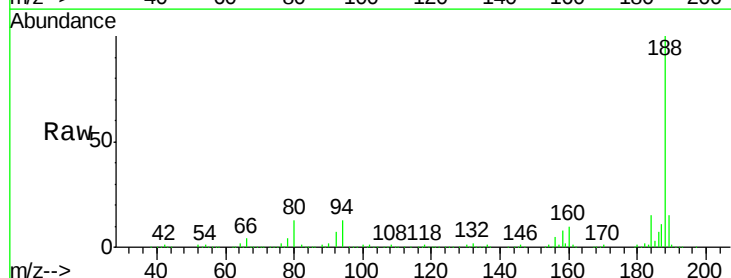
Tgt Ion:188 Resp: 300538

Ion Ratio Lower Upper

188 100

94 13.2 10.7 16.1

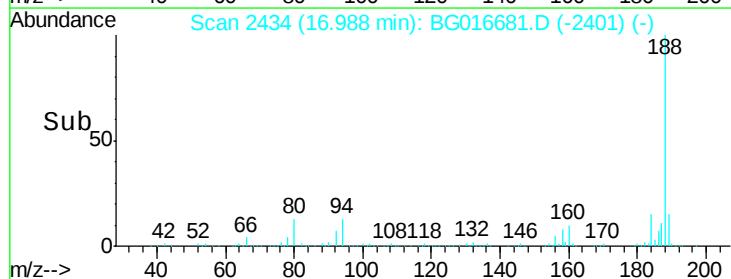
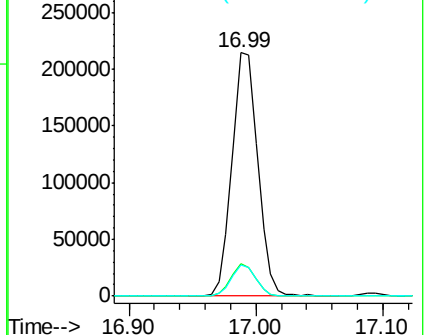
80 13.0 9.9 14.9

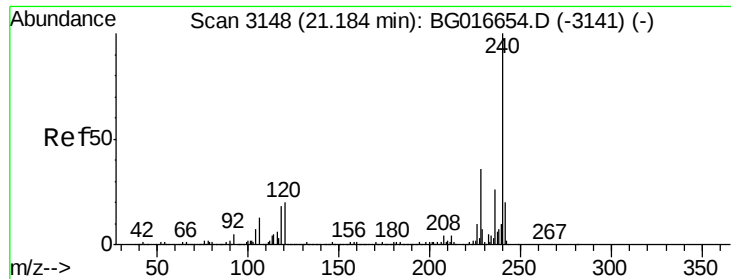


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

Instrument :

BNA_G

ClientSampleId :

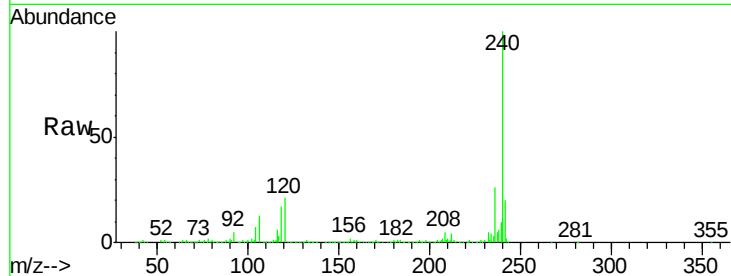
Tot Ion:240 Resp: 278476

Ion Ratio Lower Upper

240 100

120 20.7 16.3 24.5

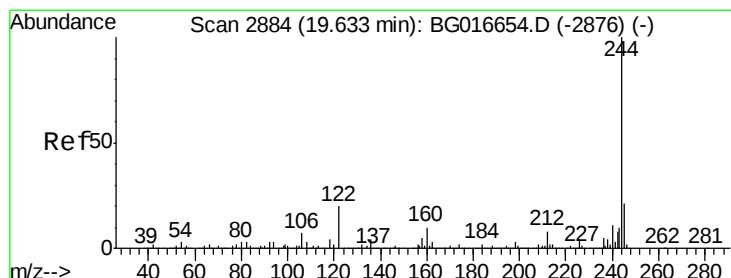
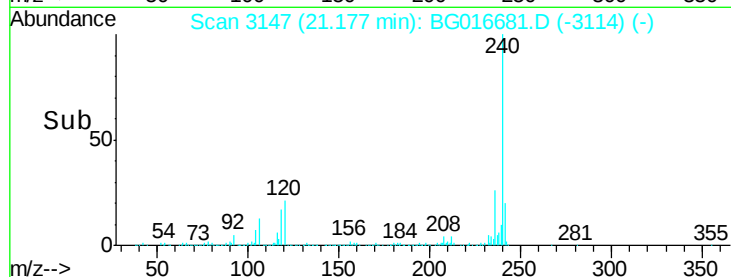
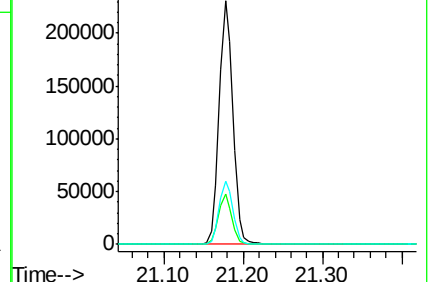
236 26.1 21.1 31.7



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: 61.27 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG016681.D

Acq: 24 Apr 2015 10:21

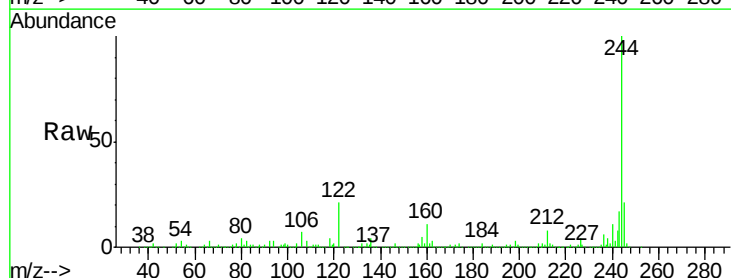
Tgt Ion:244 Resp: 740760

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

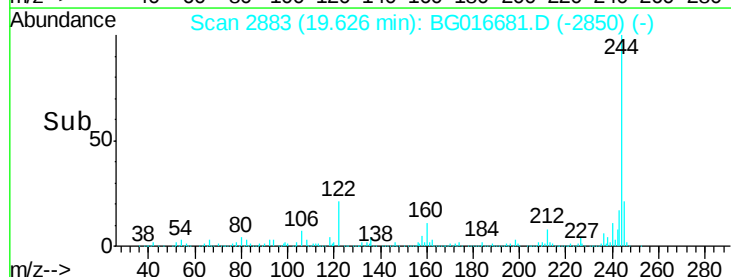
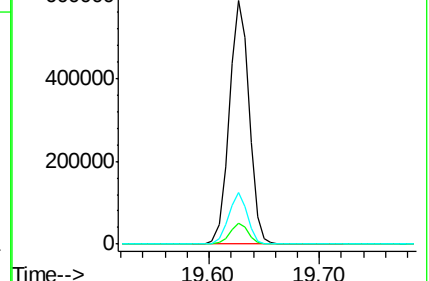
122 21.4 15.9 23.9

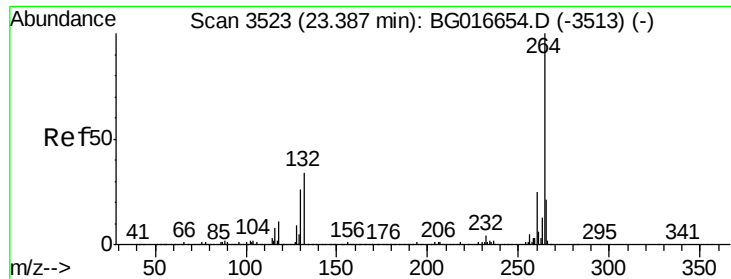


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

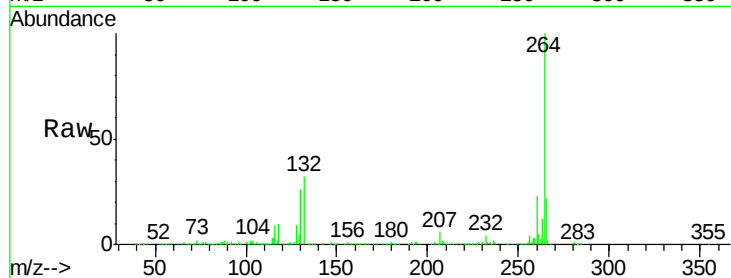




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG016681.D
Acq: 24 Apr 2015 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.0	30.0
265	21.8	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

