

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016495.D
 Acq On : 17 Apr 2015 19:17
 Operator : TP/IZ
 Sample : G1915-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TILCONMH1.5STONE002

Quant Time: Apr 18 00:50:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:32:09 2015
 Response via : Initial Calibration

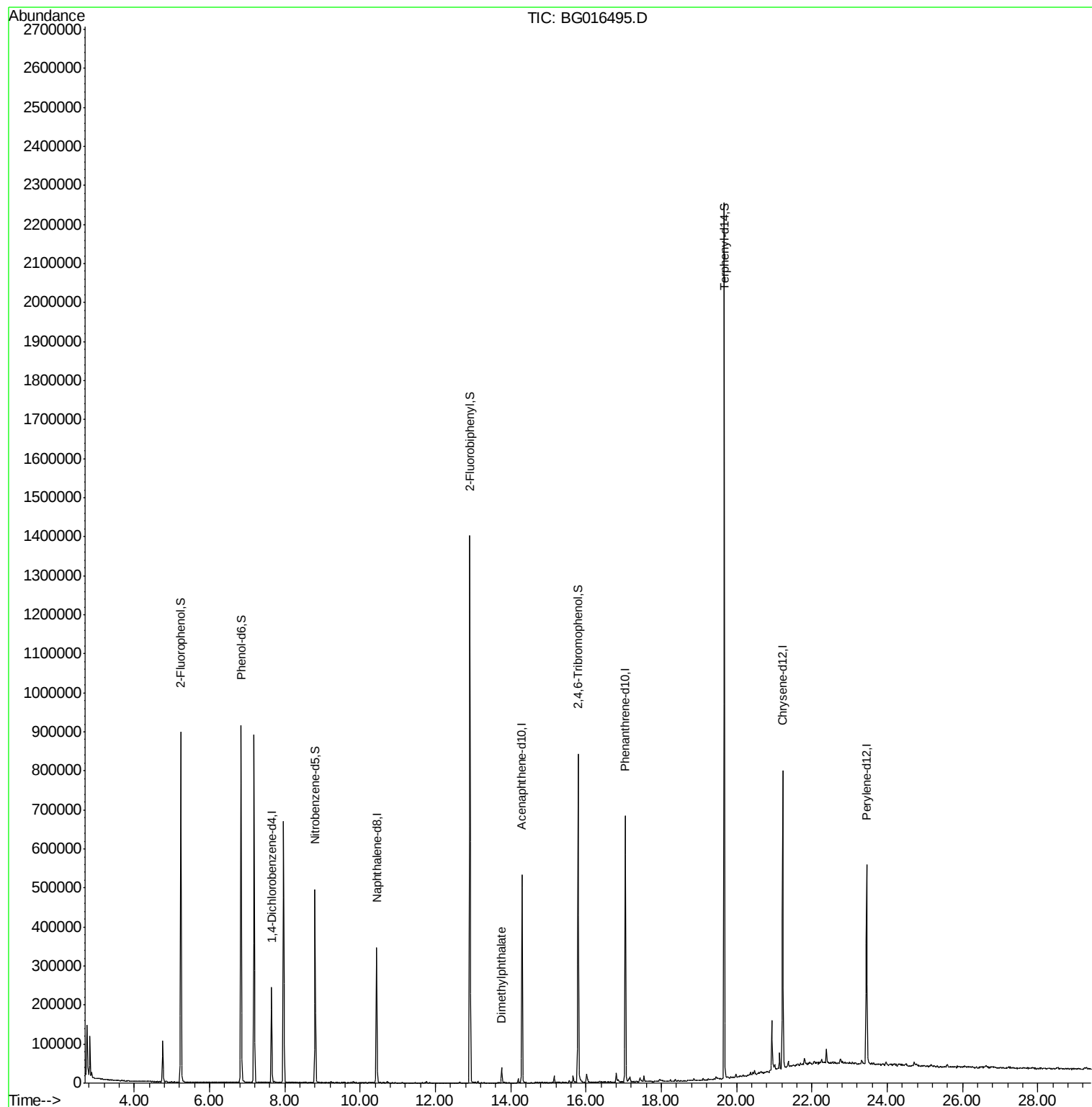
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	66970	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	291479	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	172826	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	368371	20.00	ng	0.00
75) Chrysene-d12	21.23	240	314571	20.00	ng	0.00
86) Perylene-d12	23.45	264	297687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	425534	100.28	ng	0.00
7) Phenol-d6	6.84	99	596158	93.59	ng	0.00
23) Nitrobenzene-d5	8.81	82	298746	59.37	ng	-0.01
41) 2,4,6-Tribromophenol	15.79	330	115128	98.50	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	673703	66.37	ng	0.00
78) Terphenyl-d14	19.67	244	824767	61.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	30278	2.39	ng	Qvalue 99

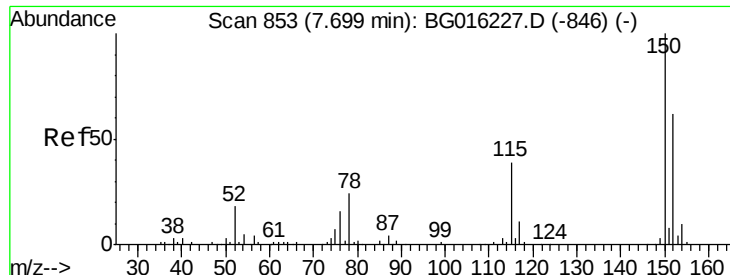
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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QLast Update : Sat Apr 18 00:32:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

Instrument :

BNA_G

ClientSampleId :

TILCONMH1.5STONE002

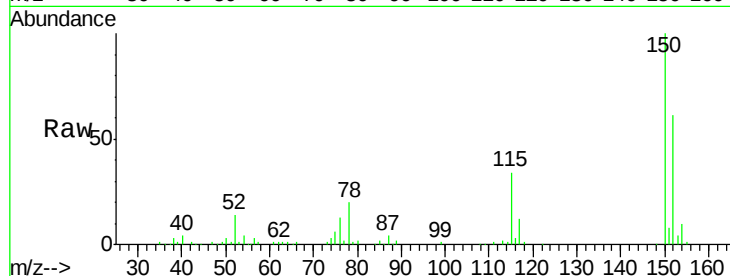
Tgt Ion:152 Resp: 66970

Ion Ratio Lower Upper

152 100

150 163.3 130.1 195.1

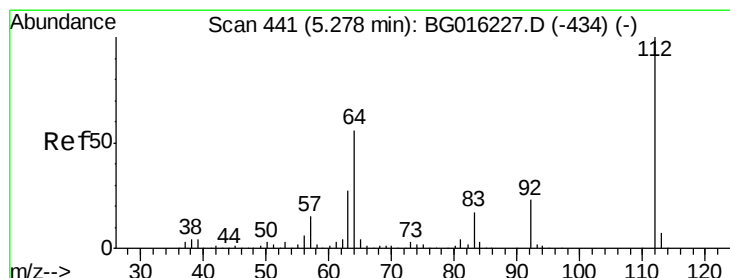
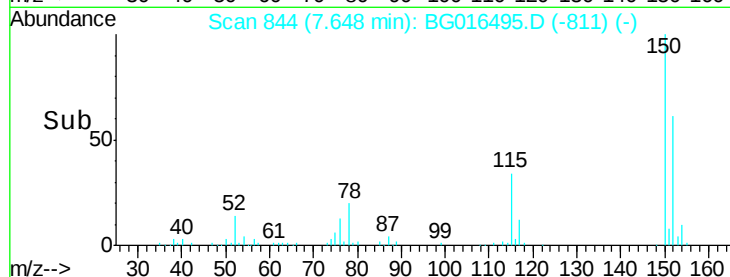
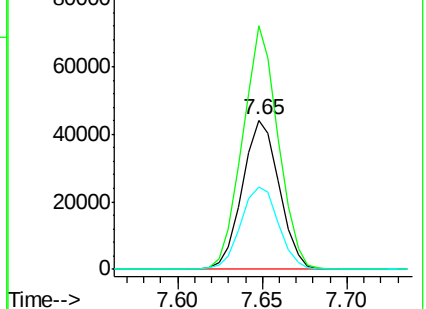
115 54.8 50.5 75.7



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: 100.28 ng

RT: 5.24 min Scan# 434

Delta R.T. -0.01 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

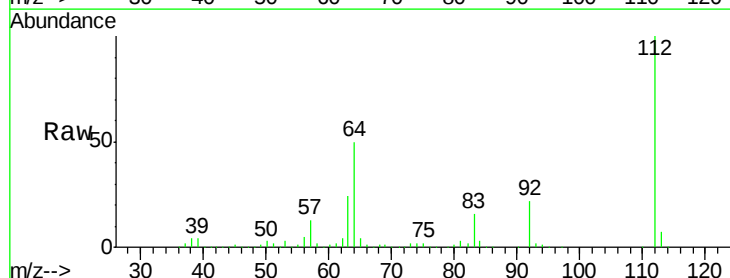
Tgt Ion:112 Resp: 425534

Ion Ratio Lower Upper

112 100

64 50.3 44.5 66.7

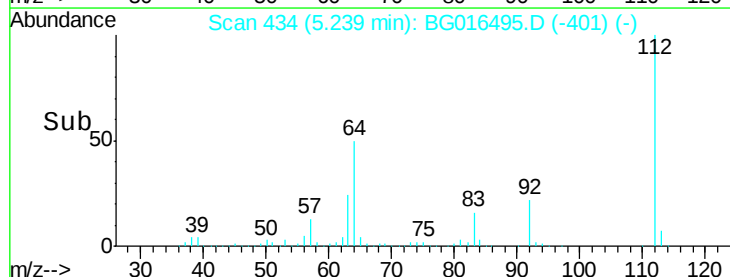
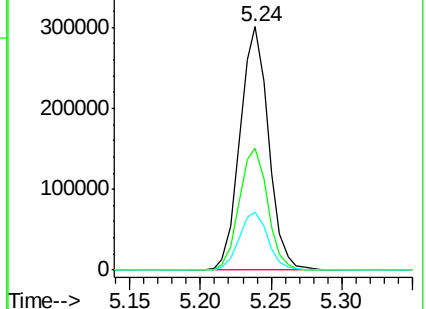
63 24.1 21.4 32.0

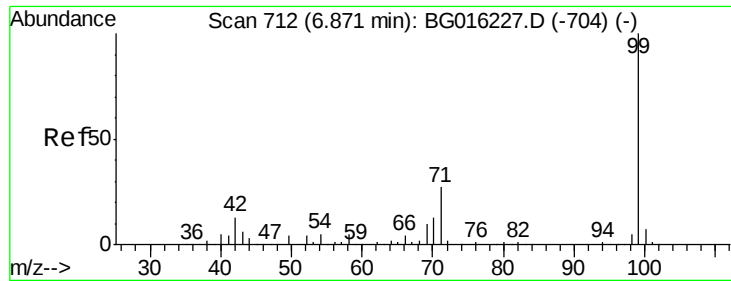


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.59 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

Instrument :

BNA_G

ClientSampleId :

TILCONMH1.5STONE002

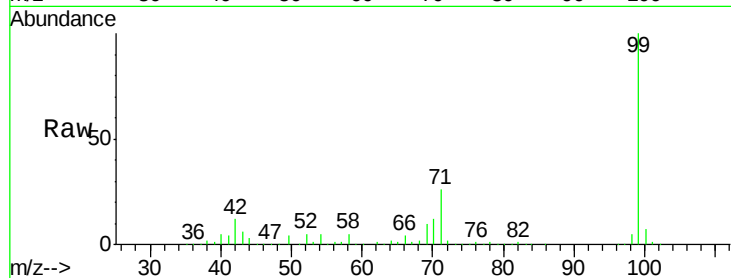
Tgt Ion: 99 Resp: 596158

Ion Ratio Lower Upper

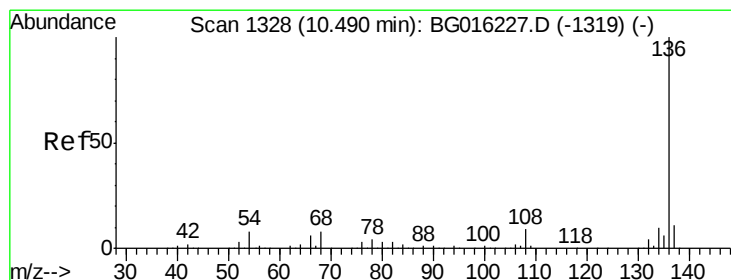
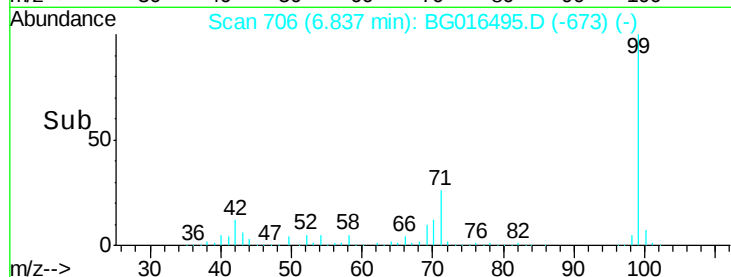
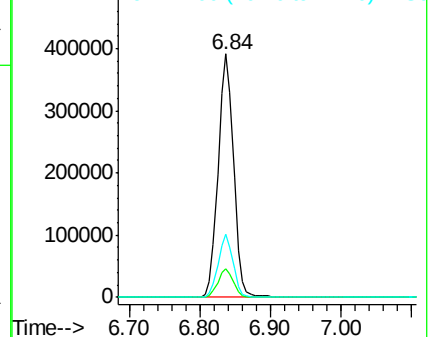
99 100

42 11.8 10.0 15.0

71 26.1 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: 10.44 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

Tgt Ion: 136 Resp: 291479

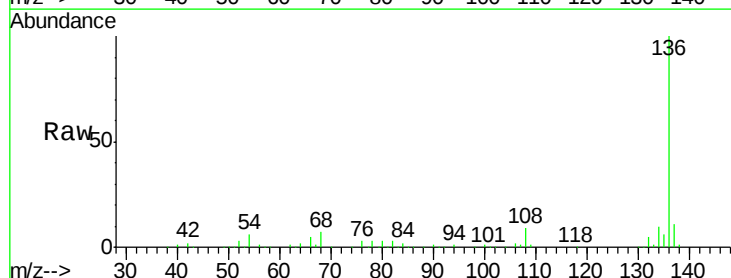
Ion Ratio Lower Upper

136 100

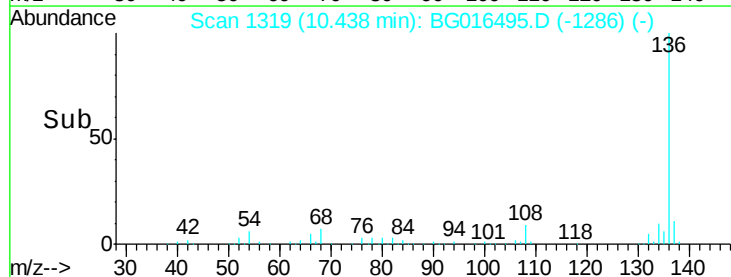
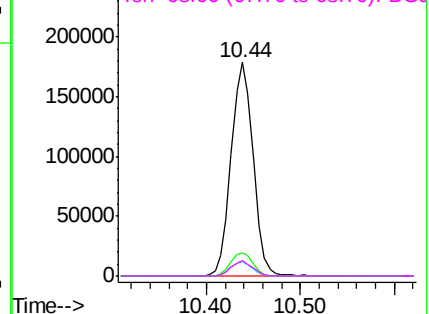
137 11.1 8.7 13.1

54 6.4 6.3 9.5

68 7.0 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

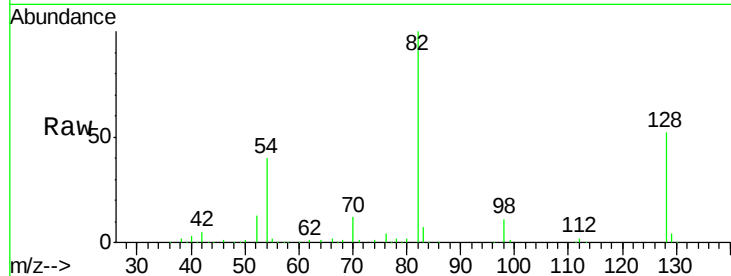




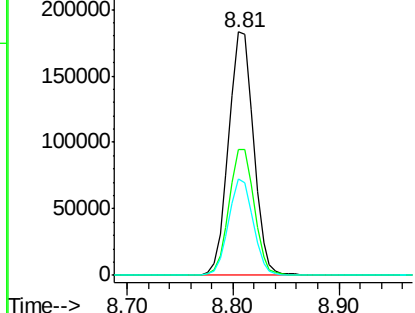
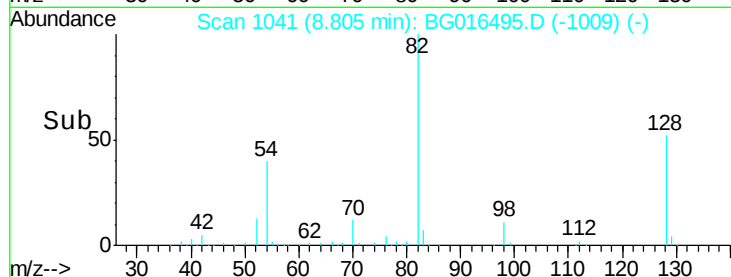
#23
 Nitrobenzene-d5
 Concen: 59.37 ng
 RT: 8.81 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG016495.D
 Acq: 17 Apr 2015 19:17

Instrument :
 BNA_G
 ClientSampleId :
 TILCONMH1.5STONE002

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.6	37.8	56.8
54	39.9	32.6	49.0

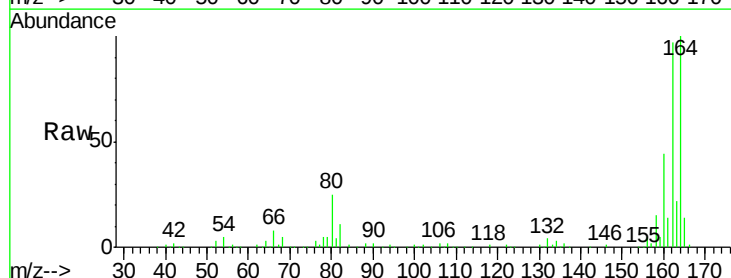


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

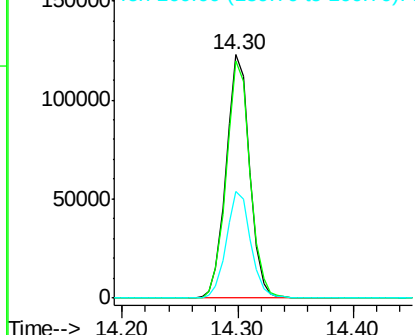
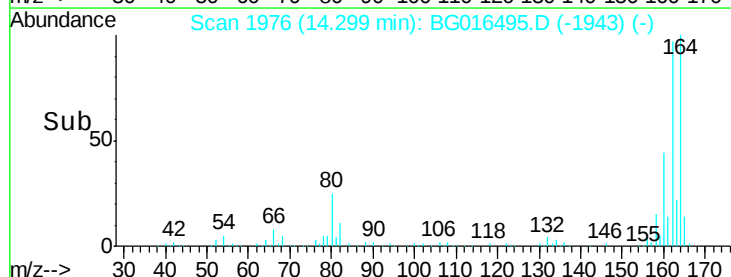


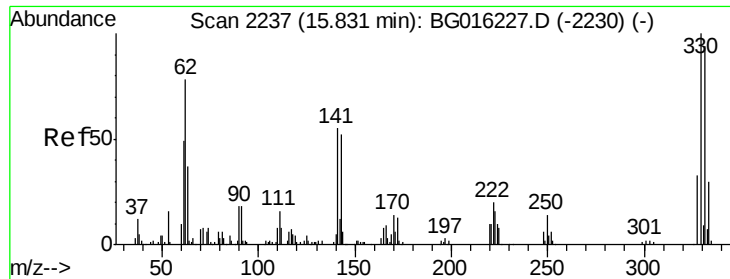
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG016495.D
 Acq: 17 Apr 2015 19:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.3	115.9
160	43.9	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

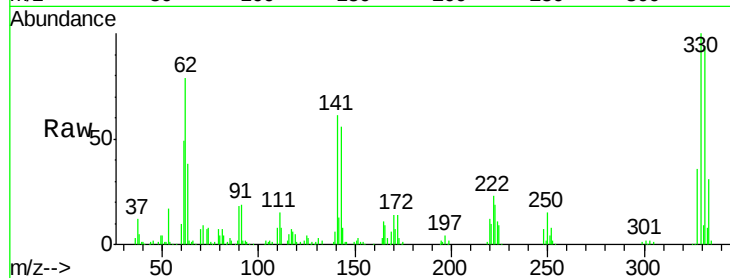




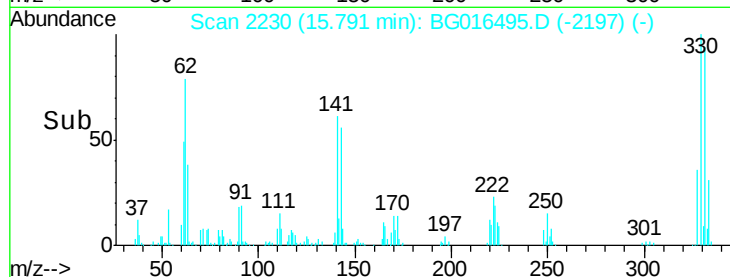
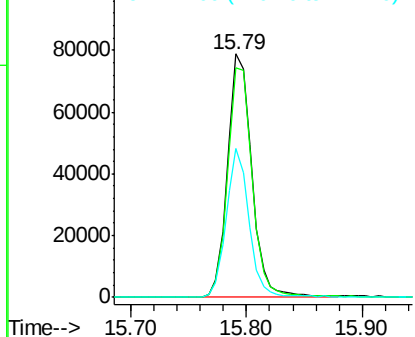
#41
 2,4,6-Tribromophenol
 Concen: 98.50 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BG016495.D
 Acq: 17 Apr 2015 19:17

Instrument :
 BNA_G
 ClientSampleId :
 TILCONMH1.5STONE002

Tgt Ion:330 Resp: 115128
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 57.3 46.6 69.8

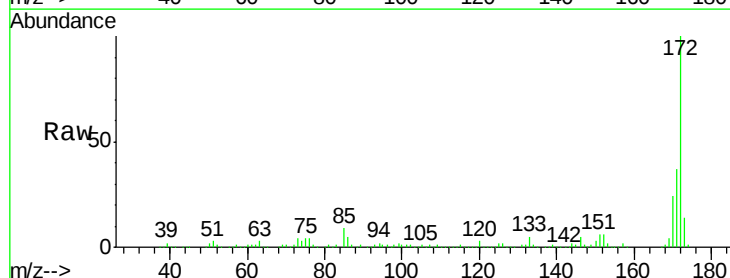


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

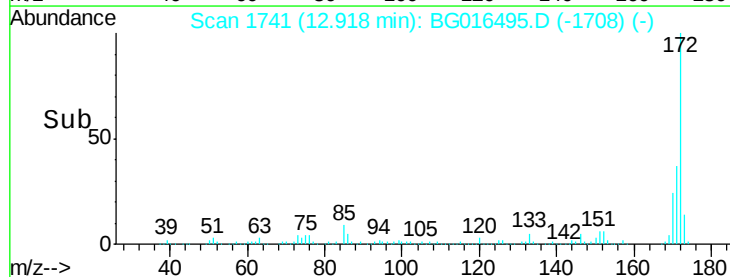
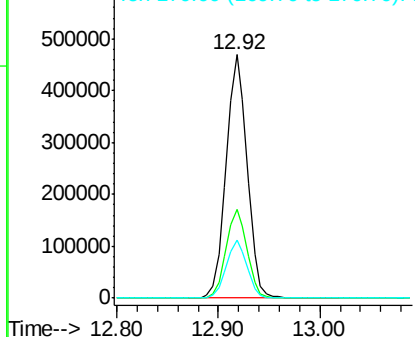


#44
 2-Fluorobiphenyl
 Concen: 66.37 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG016495.D
 Acq: 17 Apr 2015 19:17

Tgt Ion:172 Resp: 673703
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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: 2.39 ng

RT: 13.76 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

Instrument :

BNA_G

ClientSampleId :

TILCONMH1.5STONE002

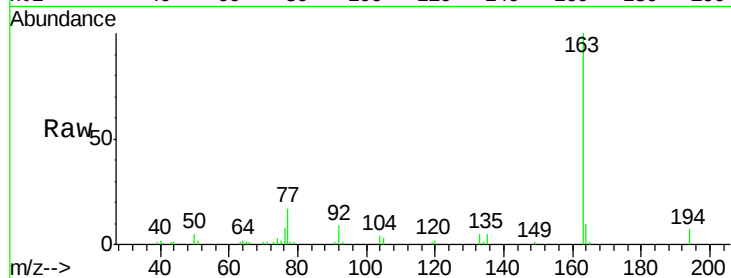
Tgt Ion:163 Resp: 30278

Ion Ratio Lower Upper

163 100

194 7.3 5.0 7.4

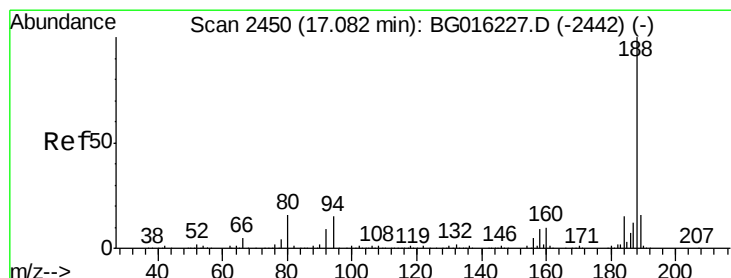
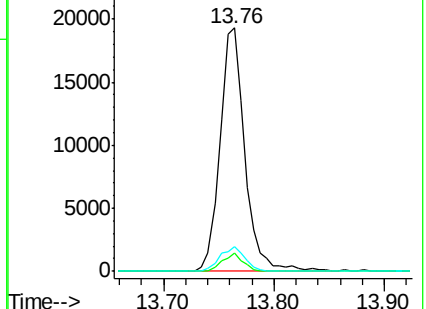
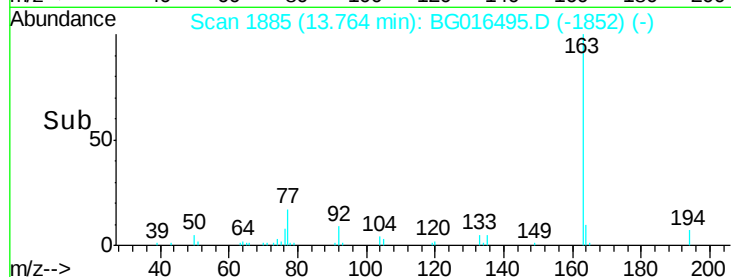
164 10.3 8.2 12.4



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: 17.04 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

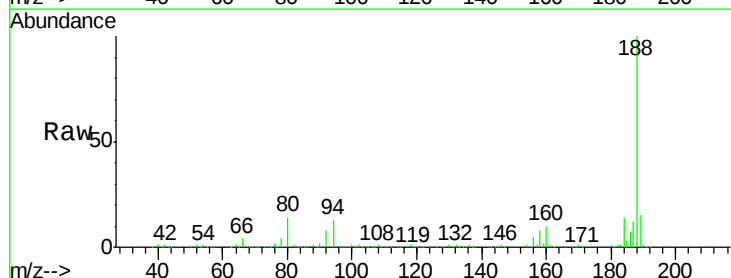
Tgt Ion:188 Resp: 368371

Ion Ratio Lower Upper

188 100

94 13.5 12.2 18.4

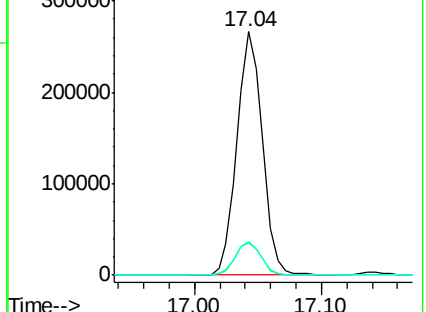
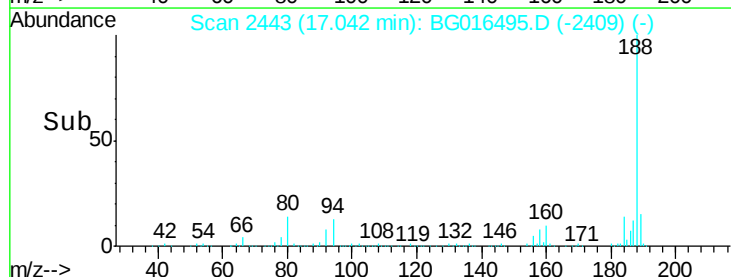
80 14.0 12.8 19.2

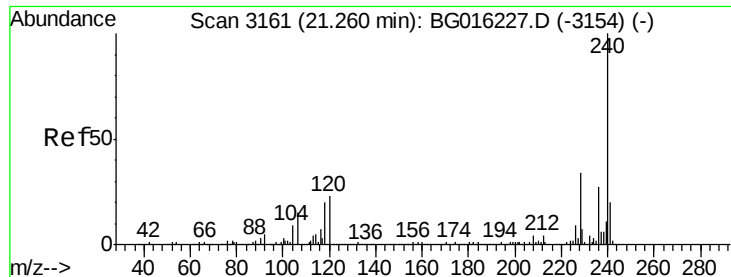


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

Instrument :

BNA_G

ClientSampleId :

TILCONMH1.5STONE002

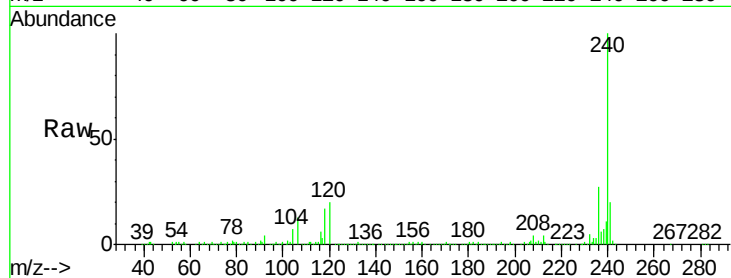
Tgt Ion:240 Resp: 314571

Ion Ratio Lower Upper

240 100

120 19.9 18.6 28.0

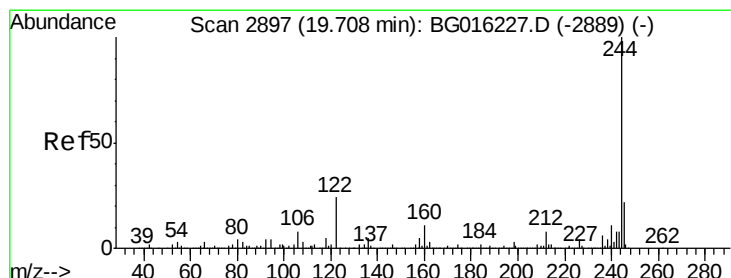
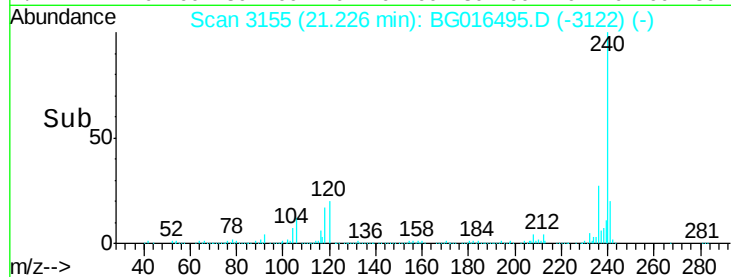
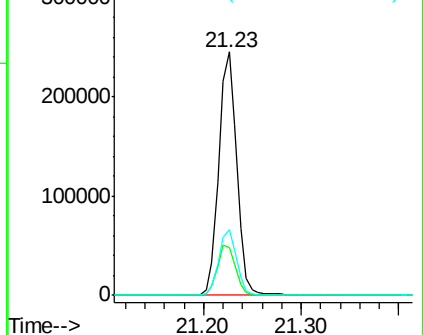
236 27.2 21.7 32.5



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: 61.36 ng

RT: 19.67 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016495.D

Acq: 17 Apr 2015 19:17

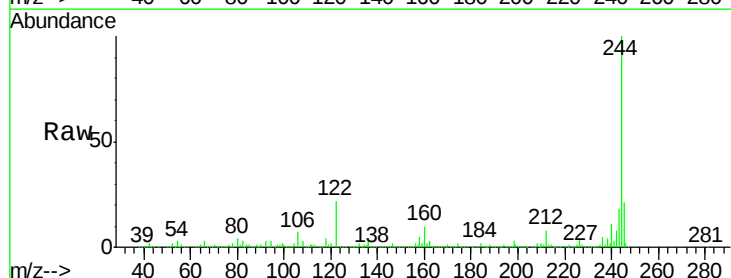
Tgt Ion:244 Resp: 824767

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

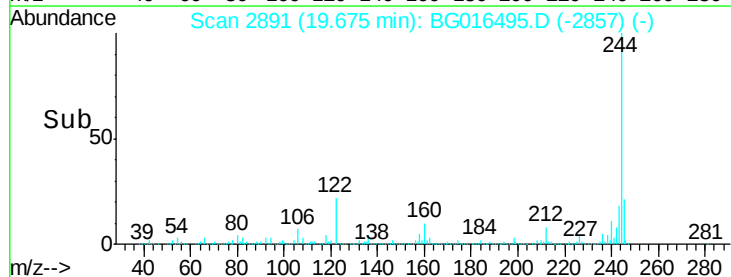
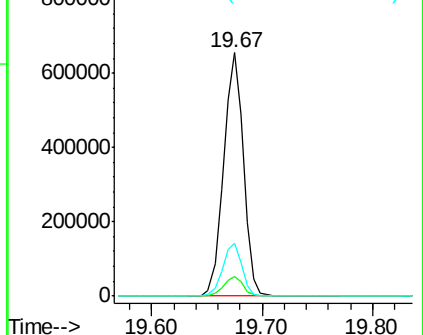
122 21.5 19.1 28.7

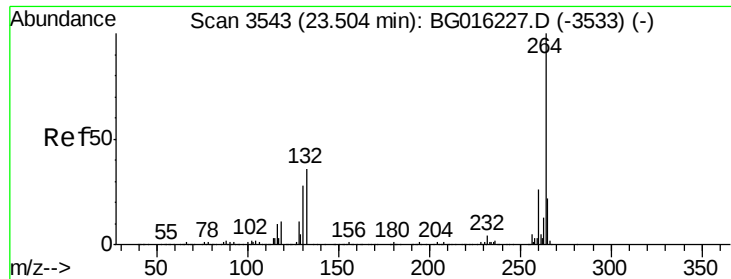


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

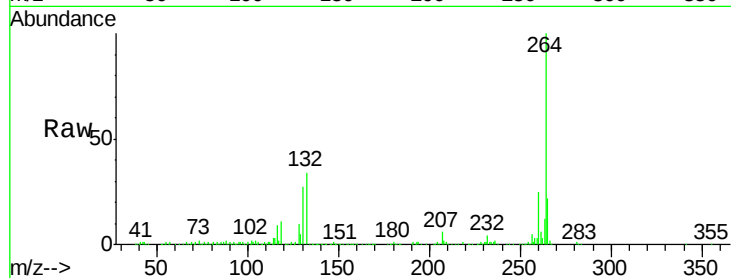




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.1	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

