

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016134.D
 Acq On : 26 Mar 2015 10:41
 Operator : TP/IZ
 Sample : G1611-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Time: Mar 26 16:34:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

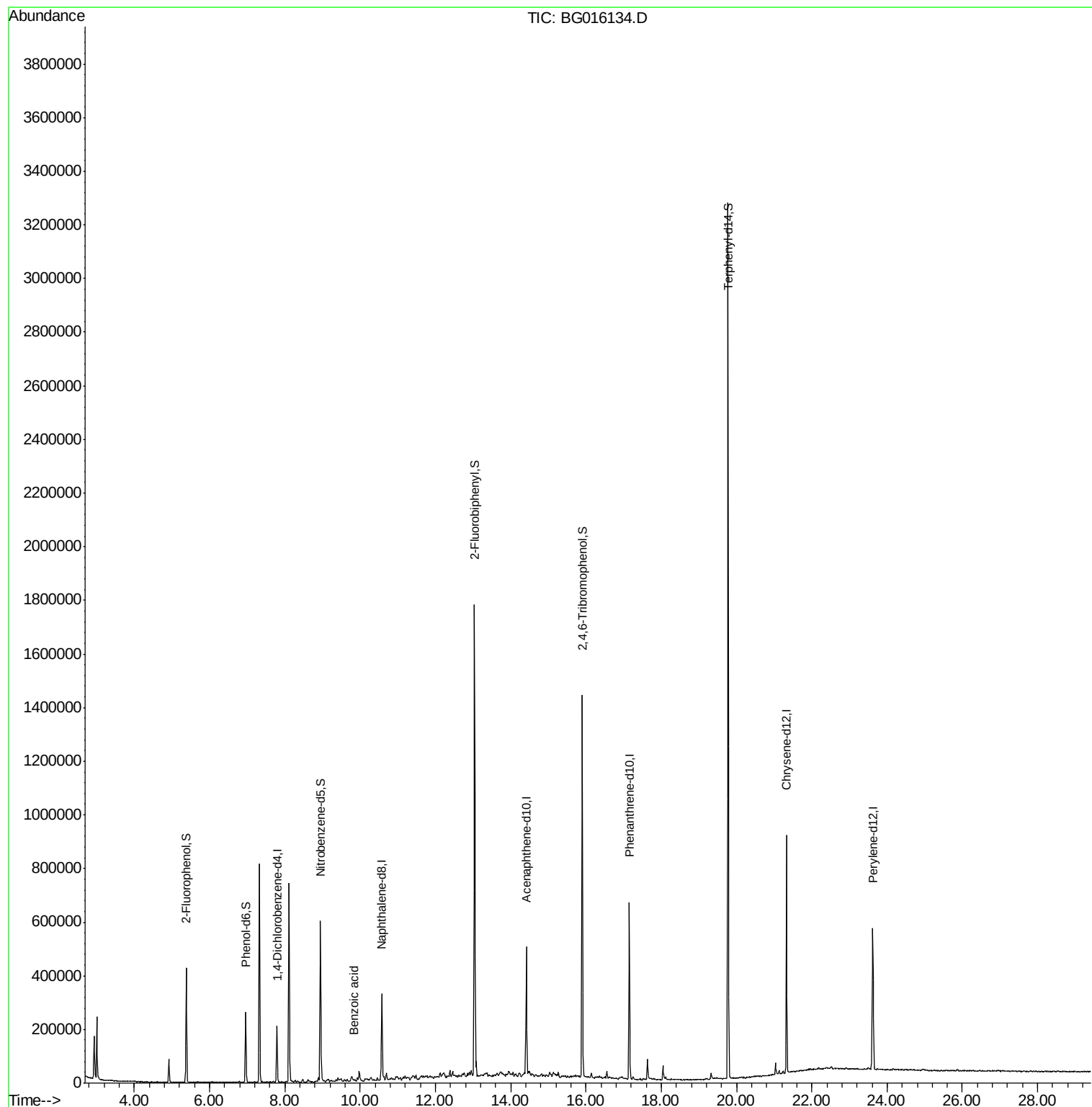
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59412	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	263440	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	167370	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	370633	20.00	ng	0.00
75) Chrysene-d12	21.33	240	385862	20.00	ng	0.00
86) Perylene-d12	23.62	264	372566	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	205493	57.89	ng	0.00
7) Phenol-d6	6.97	99	176920	35.81	ng	0.00
23) Nitrobenzene-d5	8.95	82	363657	85.59	ng	0.00
41) 2,4,6-Tribromophenol	15.91	330	278496	144.91	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	890998	89.11	ng	0.00
78) Terphenyl-d14	19.78	244	1296405	84.61	ng	0.00
Target Compounds						
32) Benzoic acid	9.83	122	60	5.30	ng	Qvalue # 65

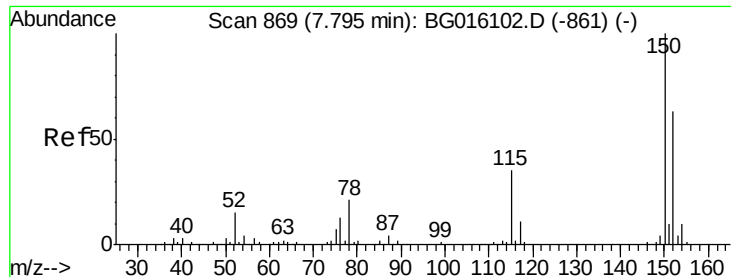
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
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QLast Update : Thu Mar 26 15:24:59 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

Instrument :

BNA_G

ClientSampleId :

MW-28

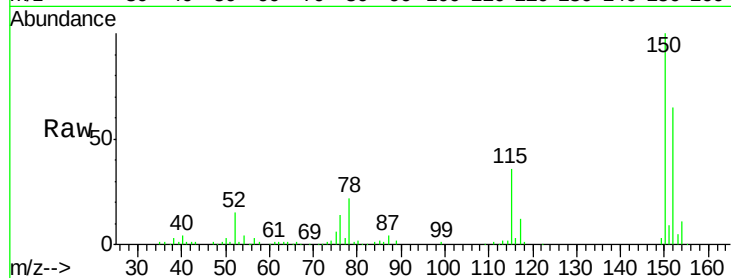
Tgt Ion:152 Resp: 59412

Ion Ratio Lower Upper

152 100

150 154.5 126.1 189.1

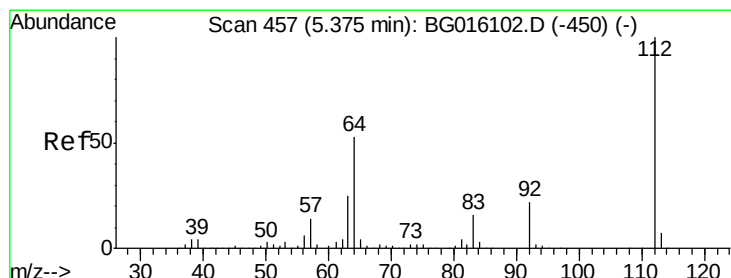
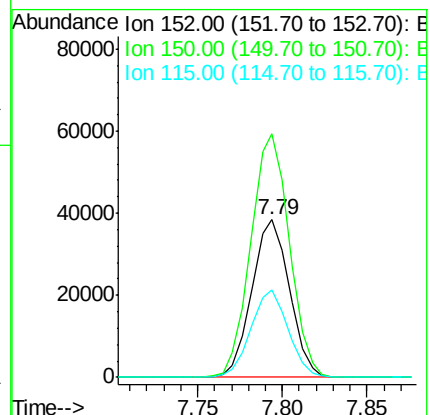
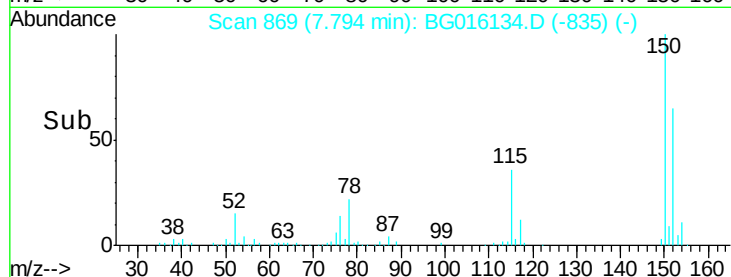
115 55.6 43.7 65.5



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: 57.89 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

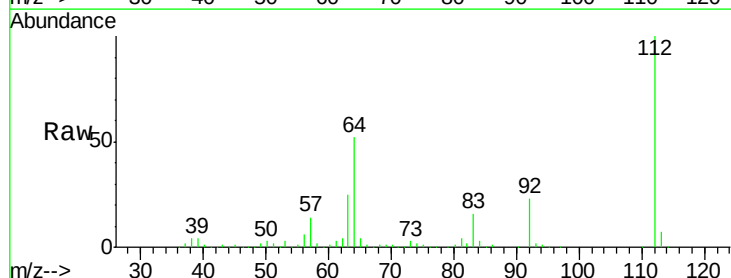
Tgt Ion:112 Resp: 205493

Ion Ratio Lower Upper

112 100

64 51.8 42.6 64.0

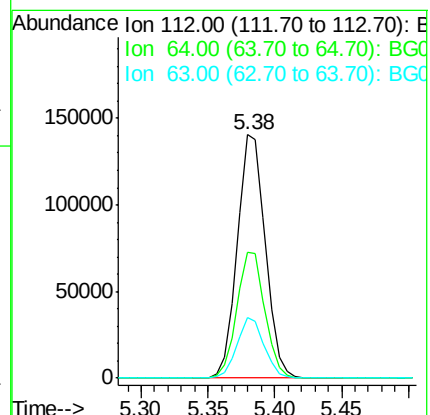
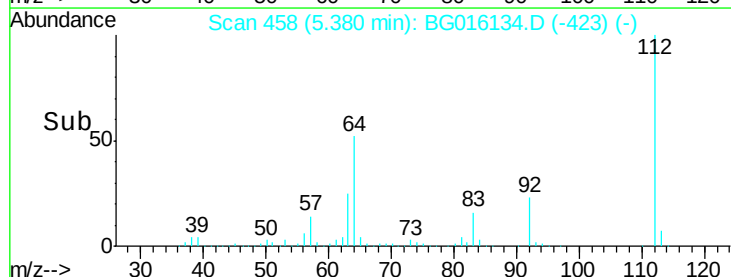
63 24.6 19.9 29.9

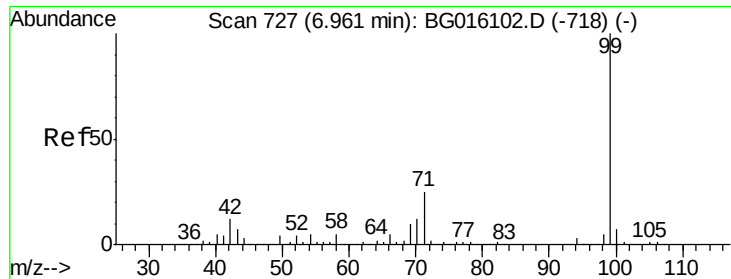


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.81 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

Instrument :

BNA_G

ClientSampleId :

MW-28

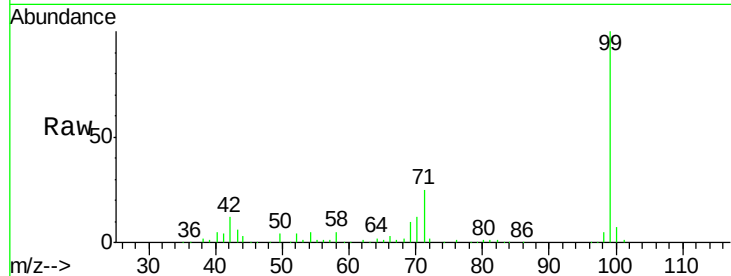
Tgt Ion: 99 Resp: 176920

Ion Ratio Lower Upper

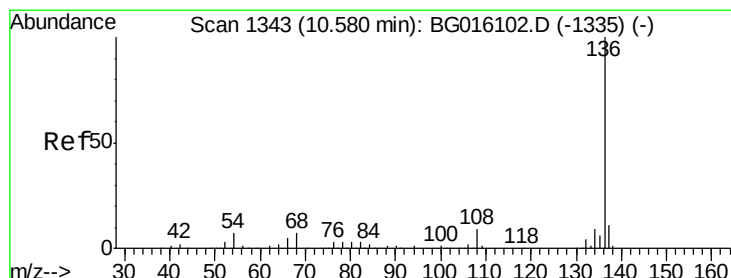
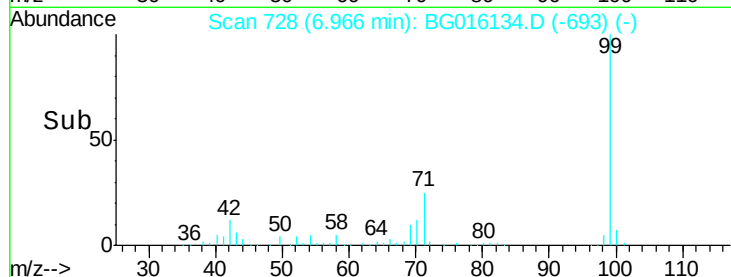
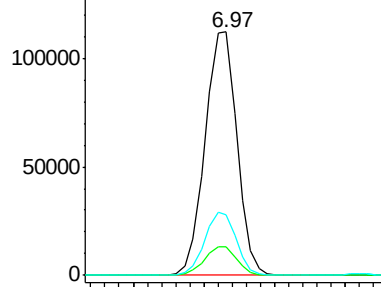
99 100

42 11.6 9.4 14.0

71 24.7 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: 10.58 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

Tgt Ion: 136 Resp: 263440

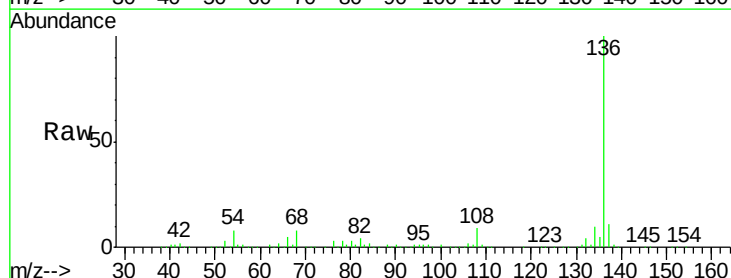
Ion Ratio Lower Upper

136 100

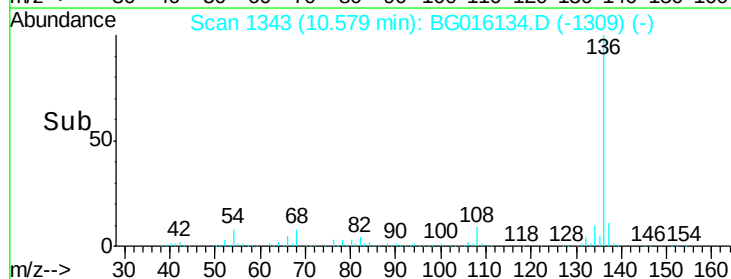
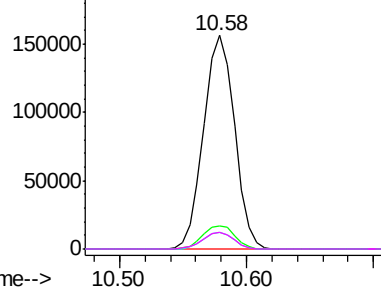
137 11.1 9.0 13.4

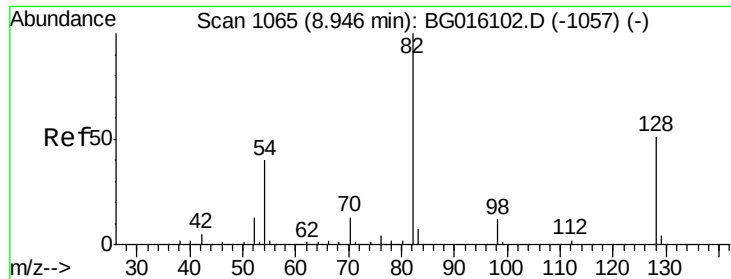
54 7.6 5.5 8.3

68 7.6 6.0 9.0



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

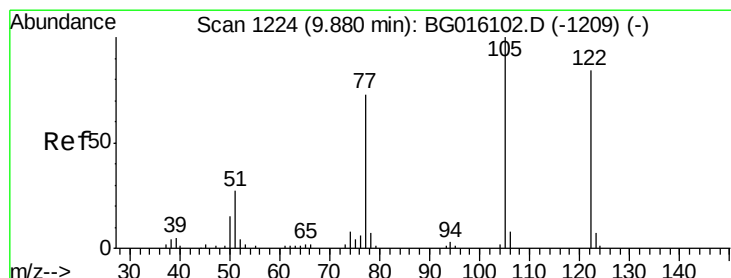
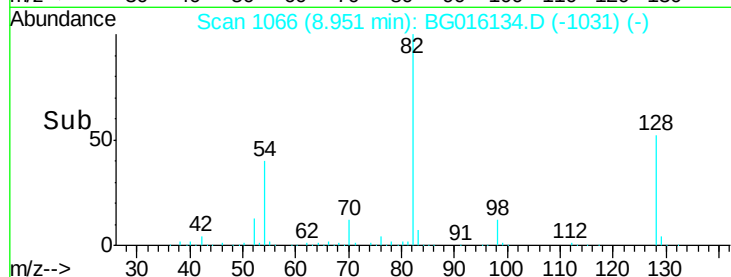
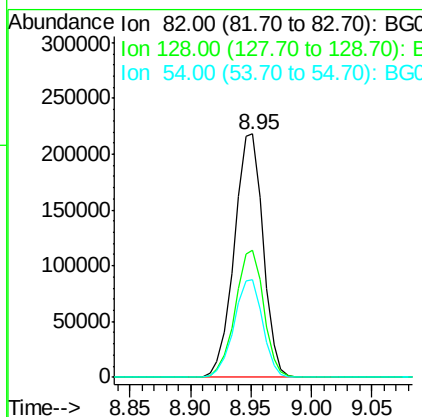
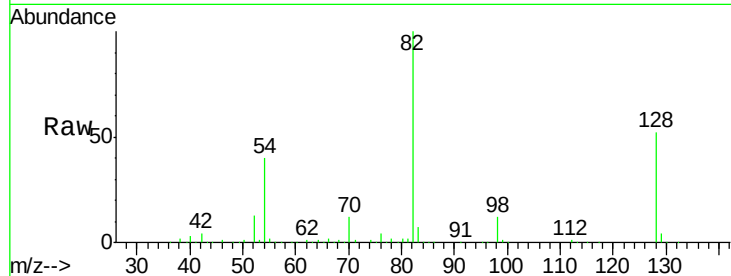




#23
Nitrobenzene-d5
Concen: 85.59 ng
RT: 8.95 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BG016134.D
Acq: 26 Mar 2015 10:41

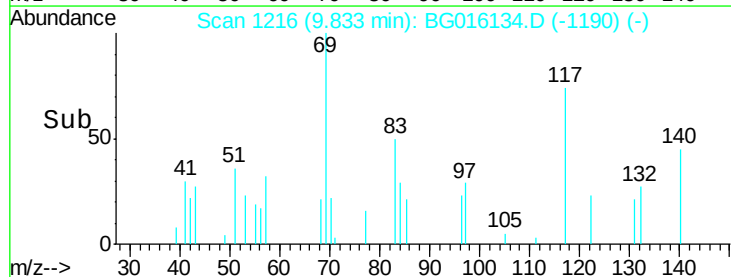
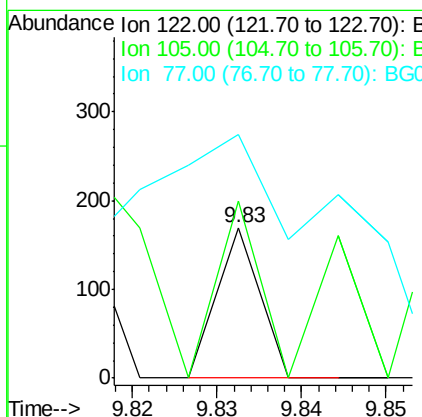
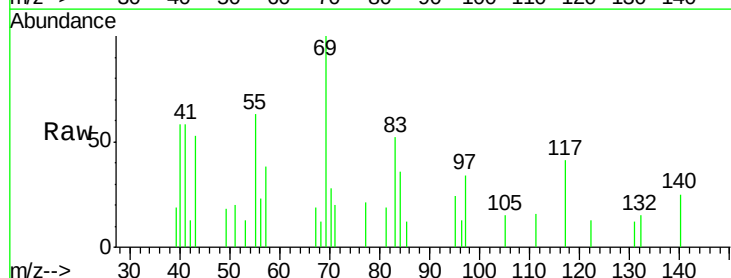
Instrument :
BNA_G
ClientSampled :
MW-28

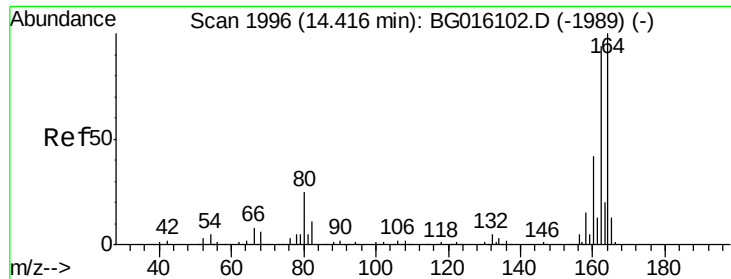
Tgt Ion: 82 Resp: 363657
Ion Ratio Lower Upper
82 100
128 52.0 40.4 60.6
54 40.0 32.1 48.1



#32
Benzoic acid
Concen: 5.30 ng
RT: 9.83 min Scan# 1216
Delta R.T. -0.05 min
Lab File: BG016134.D
Acq: 26 Mar 2015 10:41

Tgt Ion: 122 Resp: 60
Ion Ratio Lower Upper
122 100
105 117.1 97.2 137.2
77 161.2 65.0 105.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

Instrument :

BNA_G

ClientSampleId :

MW-28

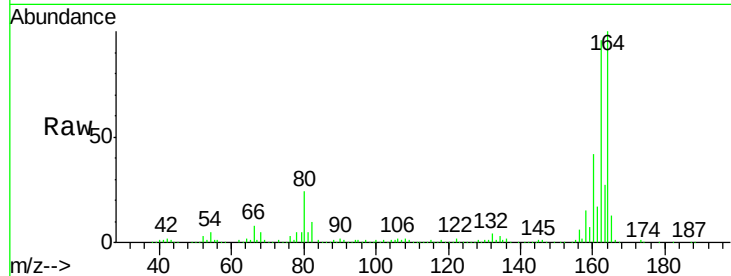
Tgt Ion:164 Resp: 167370

Ion Ratio Lower Upper

164 100

162 95.8 75.2 112.8

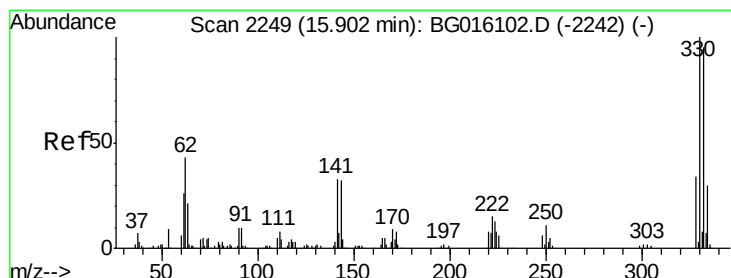
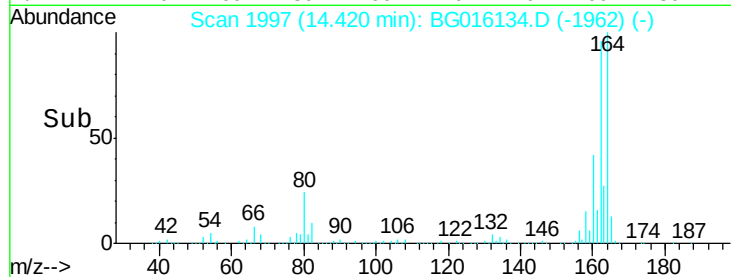
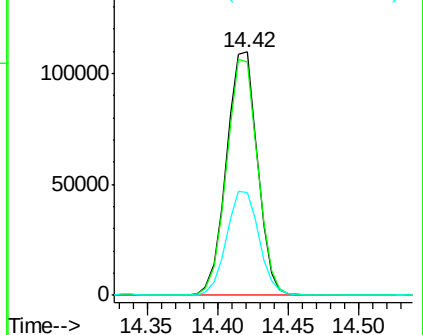
160 42.4 33.9 50.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 144.91 ng

RT: 15.91 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

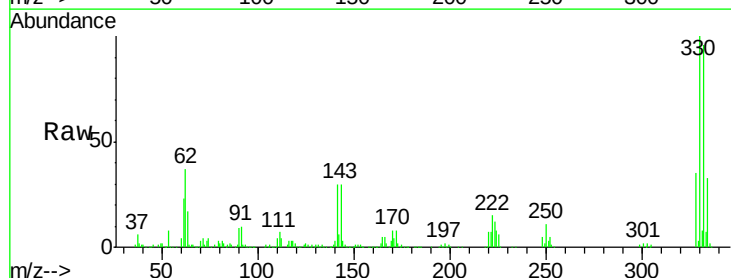
Tgt Ion:330 Resp: 278496

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

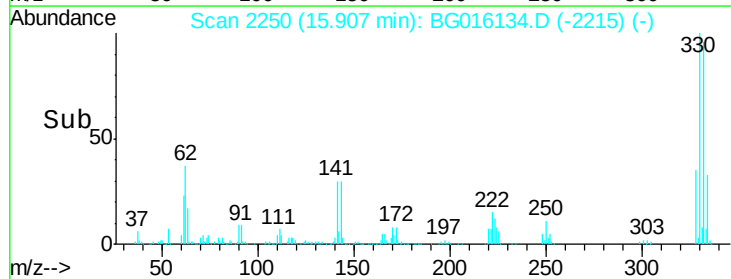
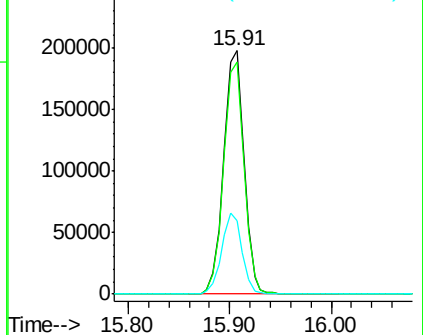
141 33.3 26.2 39.4

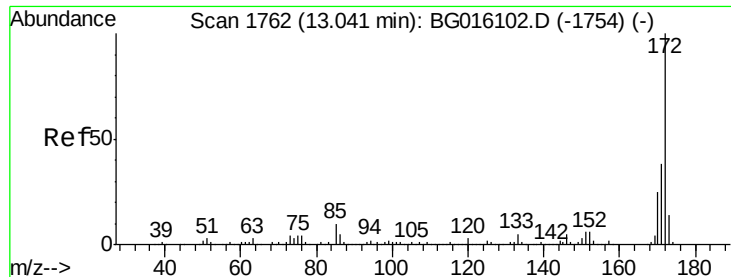


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

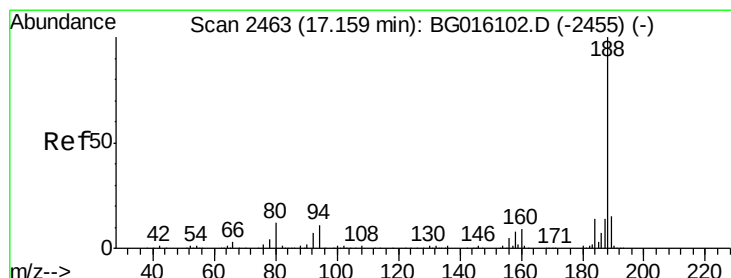
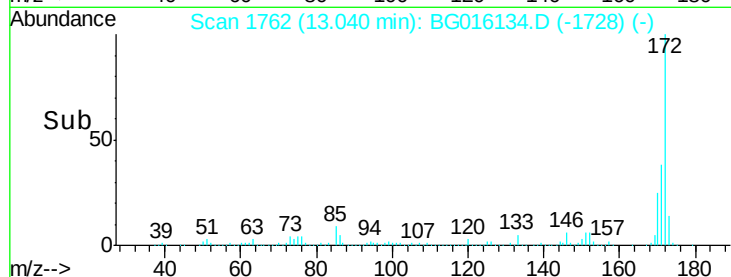
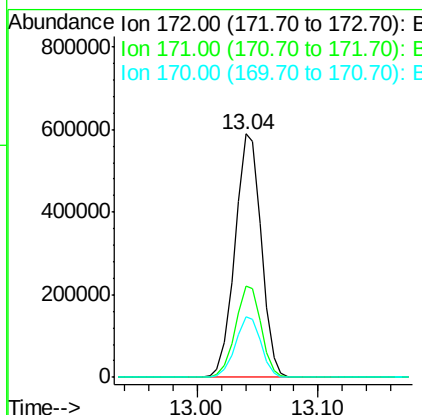
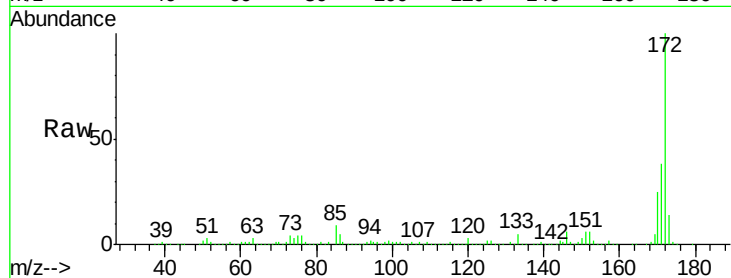




#44
 2-Fluorobiphenyl
 Concen: 89.11 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016134.D
 Acq: 26 Mar 2015 10:41

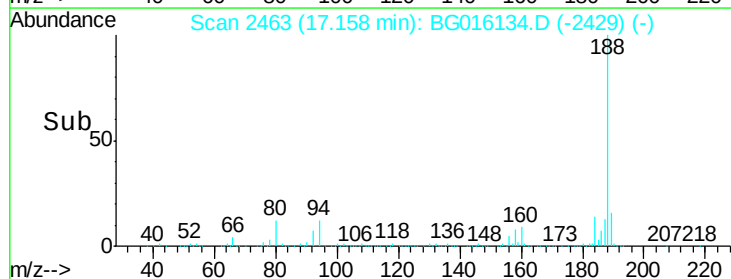
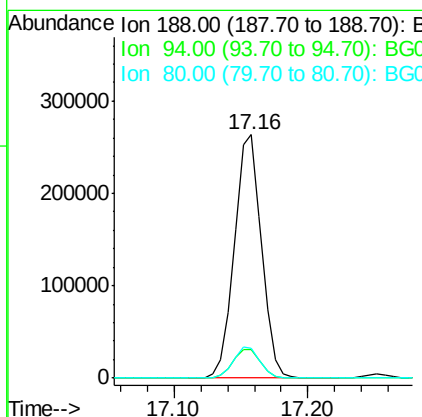
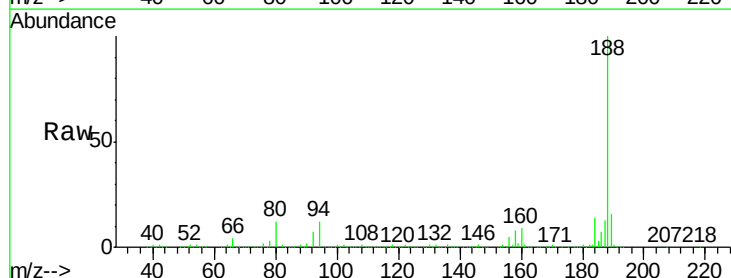
Instrument :
 BNA_G
 ClientSampleId :
 MW-28

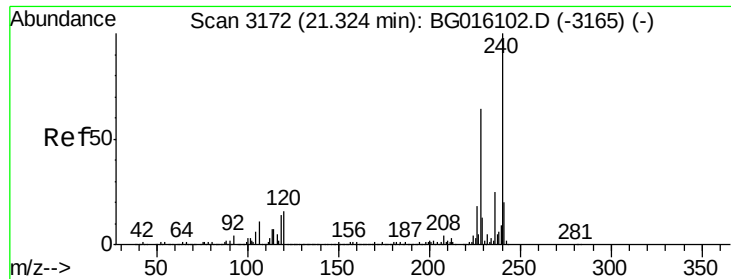
Tgt Ion:172 Resp: 890998
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.3 45.5
 170 24.9 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BG016134.D
 Acq: 26 Mar 2015 10:41

Tgt Ion:188 Resp: 370633
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.1 13.7
 80 12.3 9.8 14.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

Instrument :

BNA_G

ClientSampleId :

MW-28

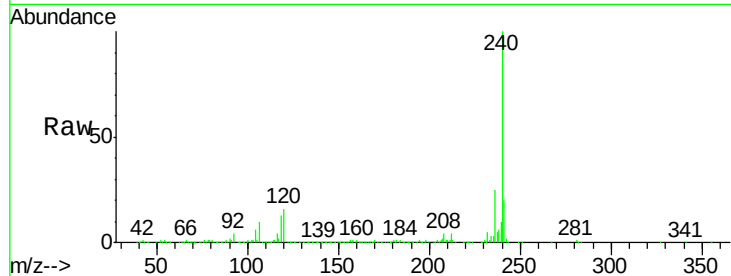
Tgt Ion:240 Resp: 385862

Ion Ratio Lower Upper

240 100

120 15.7 13.0 19.4

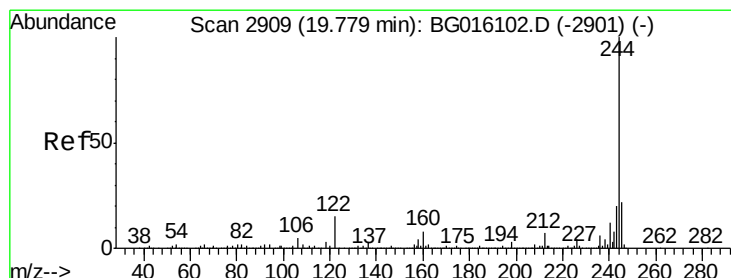
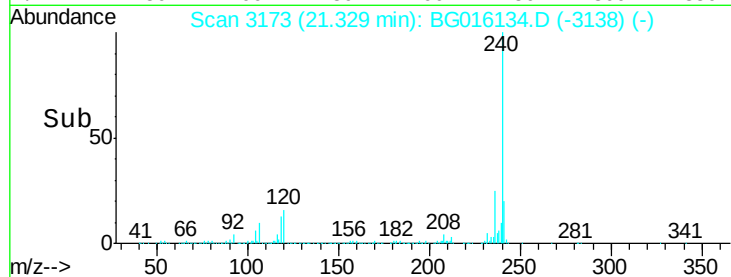
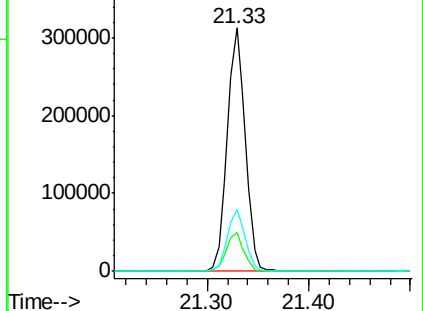
236 25.5 20.2 30.2



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: 84.61 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016134.D

Acq: 26 Mar 2015 10:41

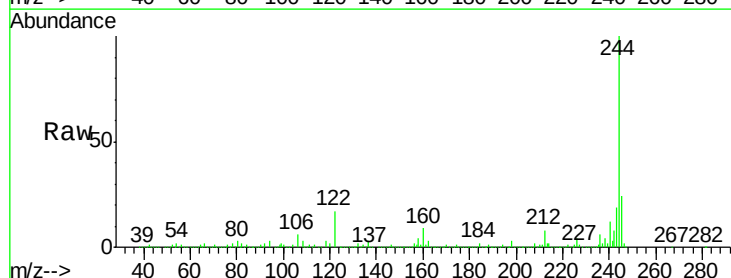
Tgt Ion:244 Resp: 1296405

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

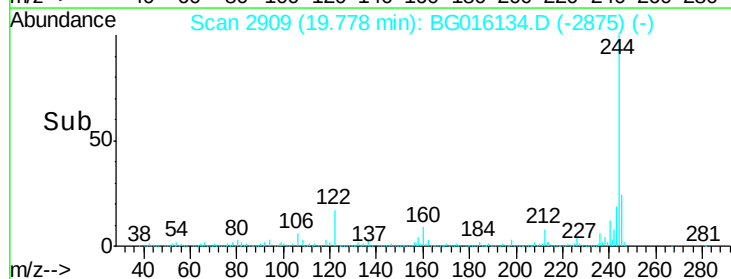
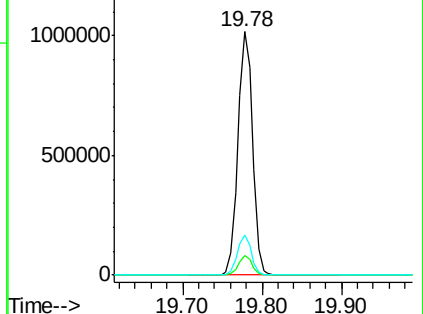
122 16.7 12.2 18.2

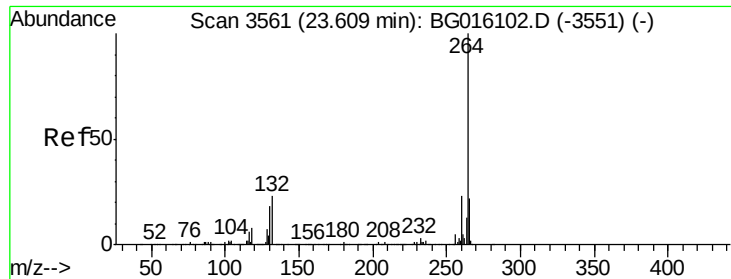


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

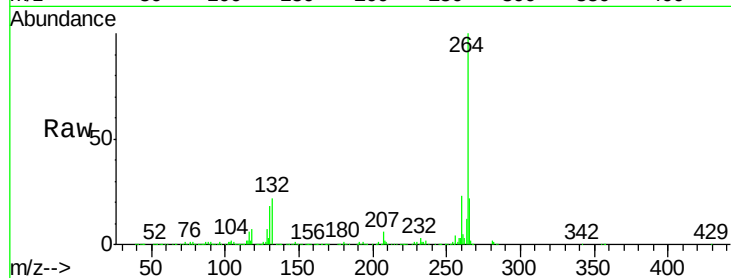




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.62 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG016134.D
Acq: 26 Mar 2015 10:41

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.6	17.3	25.9



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

