

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016160.D
 Acq On : 27 Mar 2015 3:54
 Operator : TP/IZ
 Sample : G1653-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD4

Quant Time: Mar 27 07:36:17 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:05:02 2015
 Response via : Initial Calibration

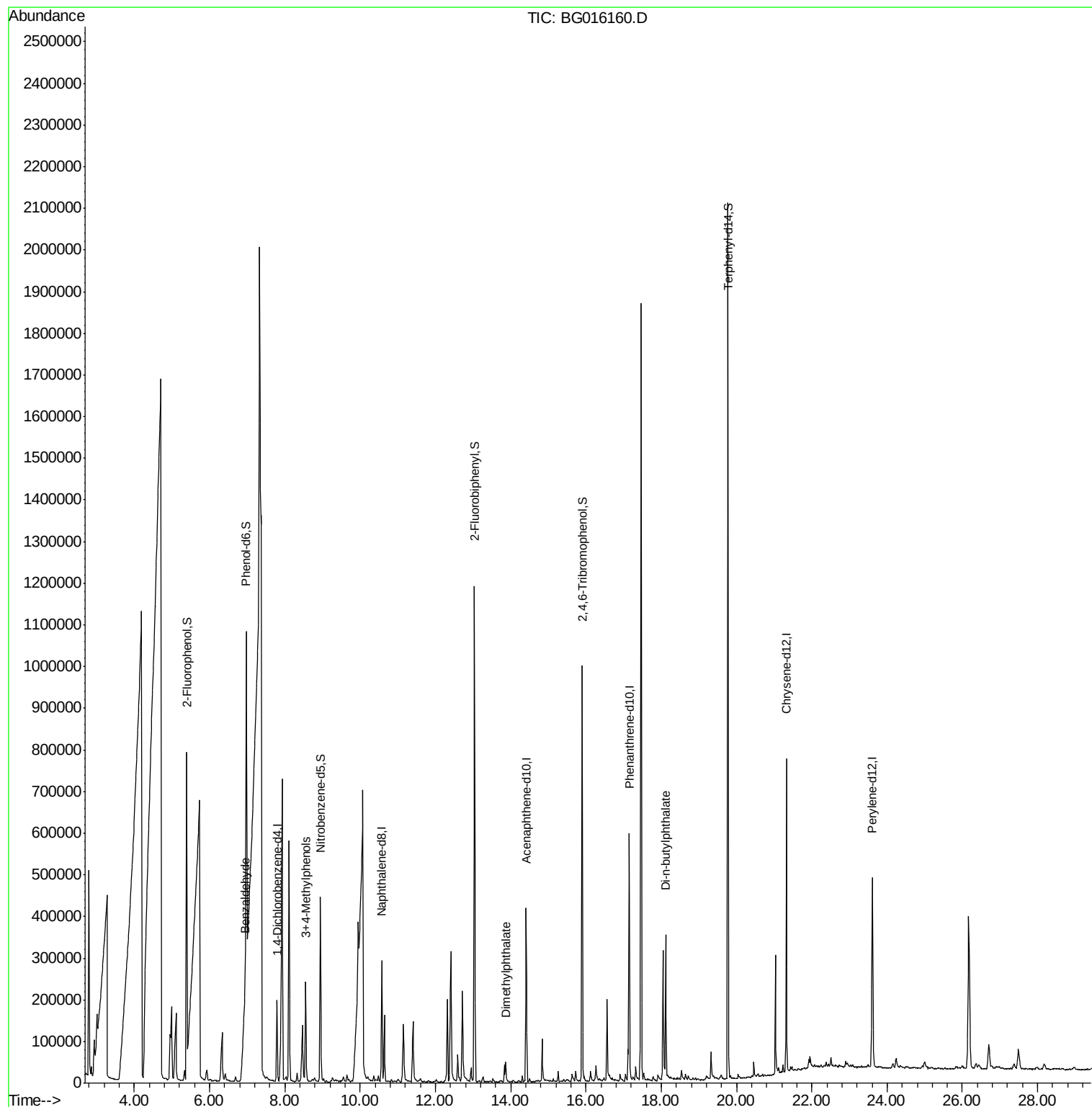
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	55007	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	236992	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	144726	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	316670	20.00	ng	0.00
75) Chrysene-d12	21.32	240	333916	20.00	ng	0.00
86) Perylene-d12	23.61	264	322337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	374189	113.85	ng	0.01
7) Phenol-d6	6.98	99	530744	116.02	ng	0.01
23) Nitrobenzene-d5	8.95	82	267965	70.11	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	191684	115.34	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	606644	70.16	ng	0.00
78) Terphenyl-d14	19.77	244	900265	67.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.94	77	3862	2.02	ng	94
20) 3+4-Methylphenols	8.55	107	113981	23.70	ng	94
49) Dimethylphthalate	13.87	163	28396	2.80	ng	99
73) Di-n-butylphthalate	18.12	149	236945	12.08	ng	98

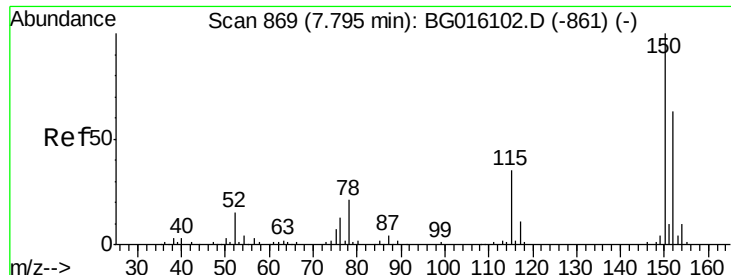
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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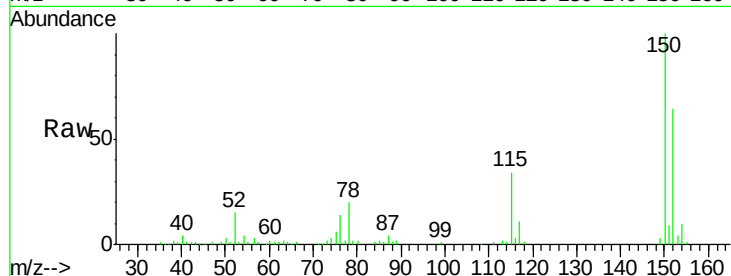


#1

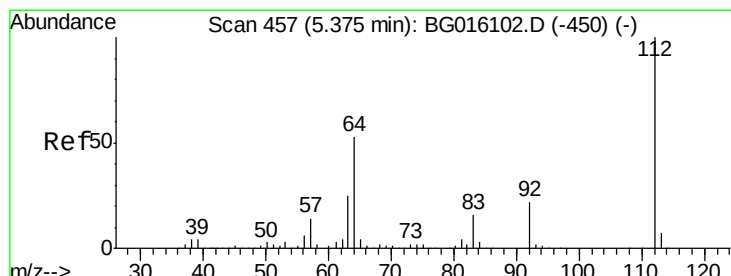
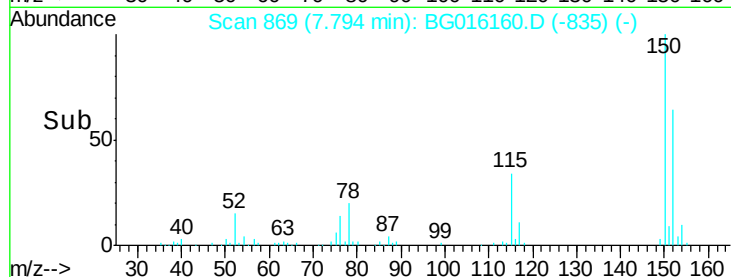
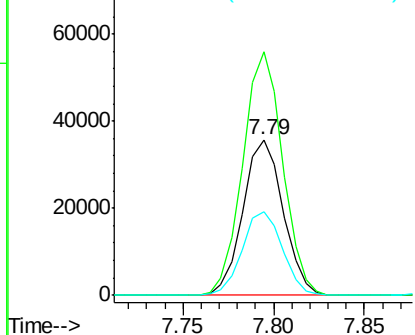
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016160.D
Acq: 27 Mar 2015 3:54

Instrument :
BNA_G
ClientSampleId :
FD4

Tgt Ion:152 Resp: 55007
Ion Ratio Lower Upper
152 100
150 156.2 126.1 189.1
115 53.7 43.7 65.5



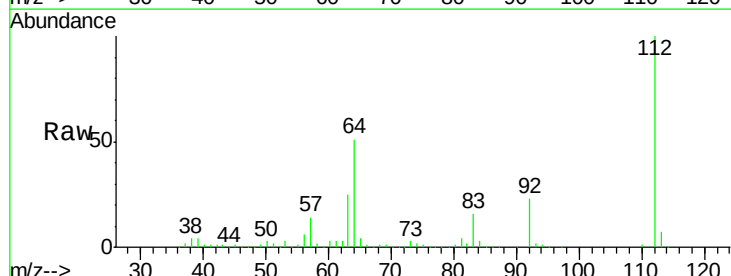
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



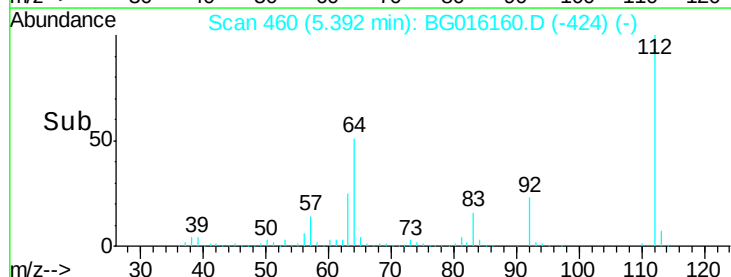
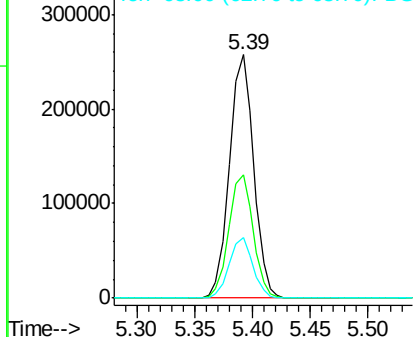
#5

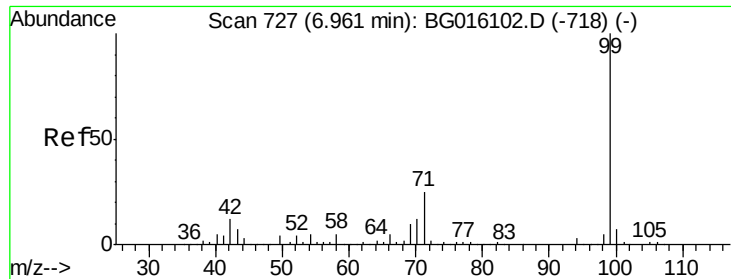
2-Fluorophenol
Concen: 113.85 ng
RT: 5.39 min Scan# 460
Delta R.T. 0.01 min
Lab File: BG016160.D
Acq: 27 Mar 2015 3:54

Tgt Ion:112 Resp: 374189
Ion Ratio Lower Upper
112 100
64 50.8 42.6 64.0
63 24.9 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: 116.02 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

Instrument :

BNA_G

ClientSampleId :

FD4

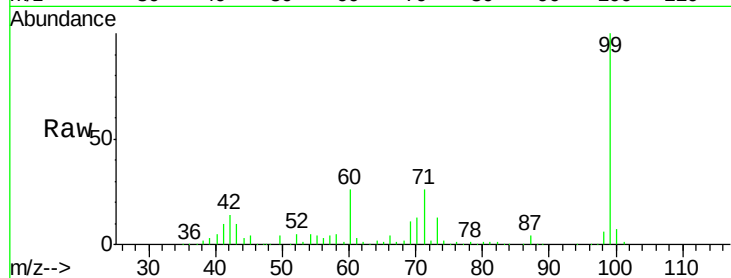
Tgt Ion: 99 Resp: 530744

Ion Ratio Lower Upper

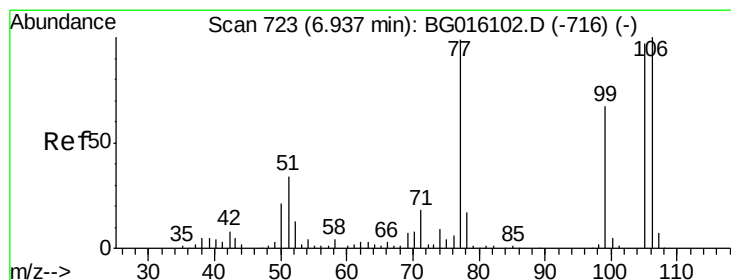
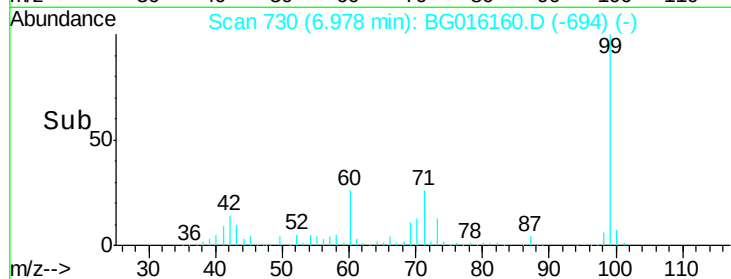
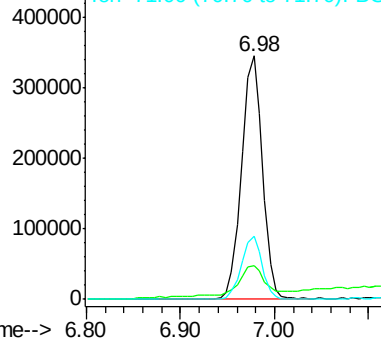
99 100

42 14.0 9.4 14.0

71 26.1 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



#9

Benzaldehyde

Concen: 2.02 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

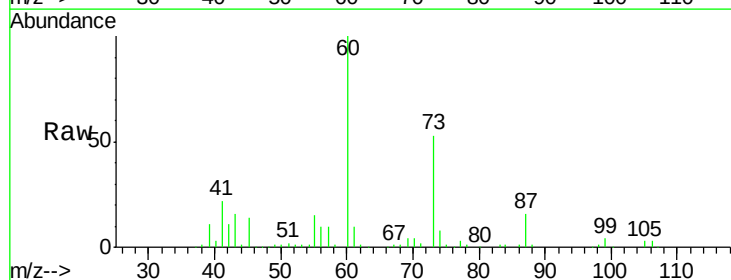
Tgt Ion: 77 Resp: 3862

Ion Ratio Lower Upper

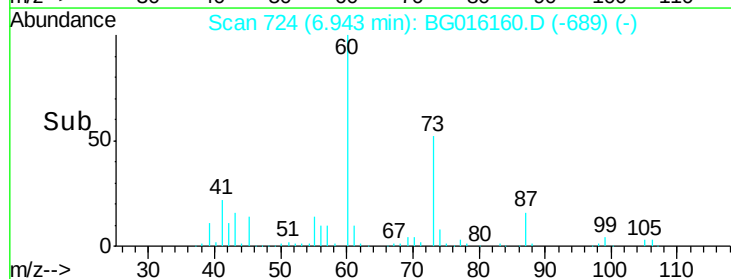
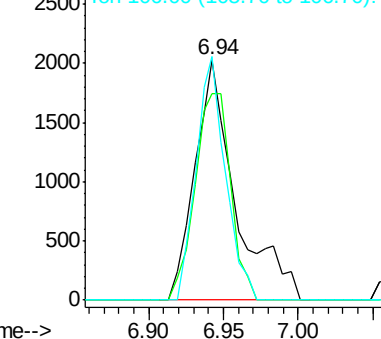
77 100

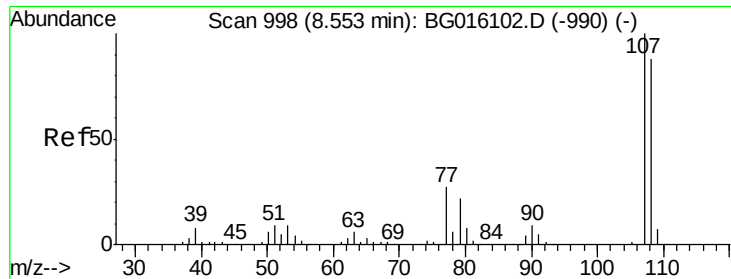
105 85.8 78.1 118.1

106 101.4 81.0 121.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

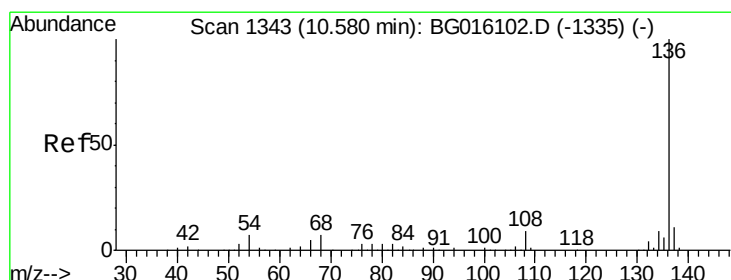
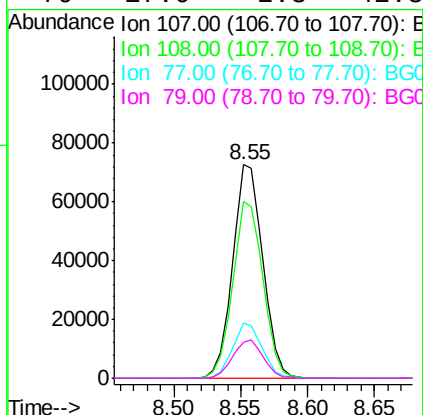
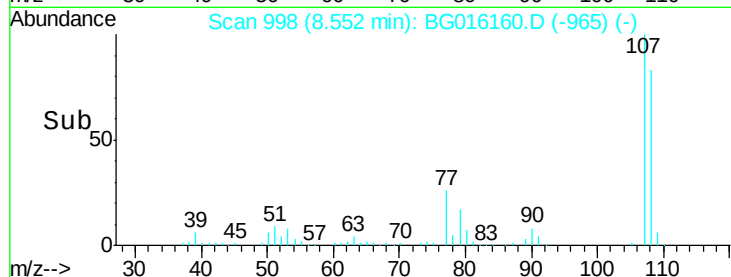
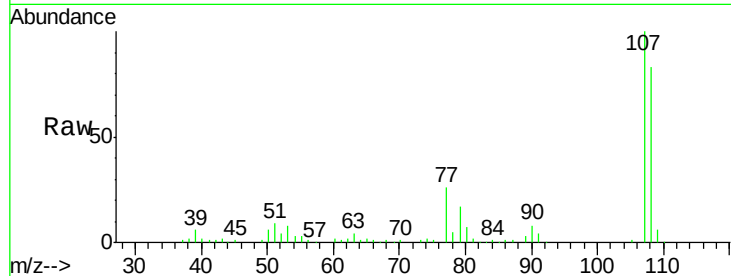




#20
3+4-Methylphenols
Concen: 23.70 ng
RT: 8.55 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG016160.D
Acq: 27 Mar 2015 3:54

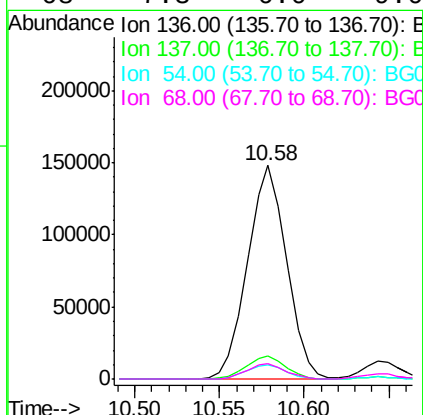
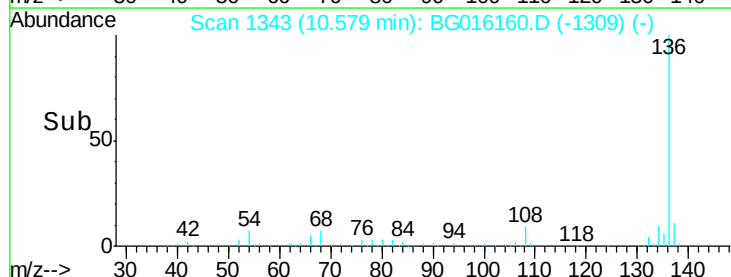
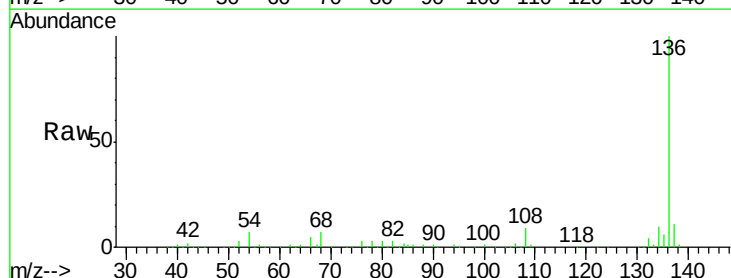
Instrument :
BNA_G
ClientSampleId :
FD4

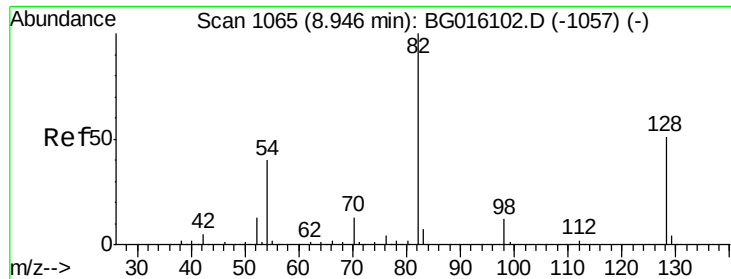
Tgt Ion:	107	Resp:	113981
Ion	Ratio	Lower	Upper
107	100		
108	82.9	68.4	108.4
77	25.8	6.9	46.9
79	17.0	2.3	42.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016160.D
Acq: 27 Mar 2015 3:54

Tgt Ion:	136	Resp:	236992
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.5	8.3
68	7.3	6.0	9.0

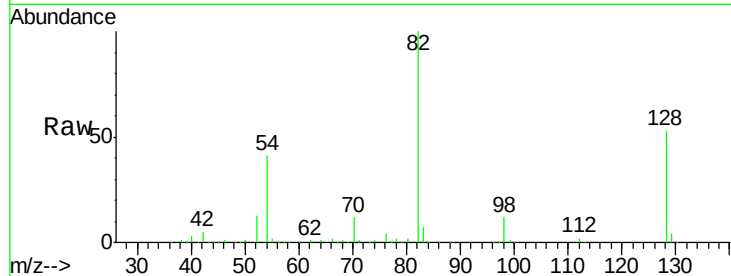




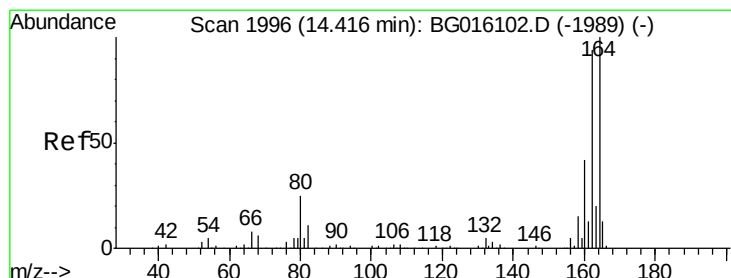
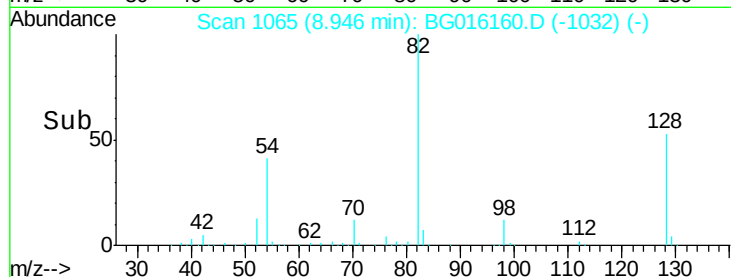
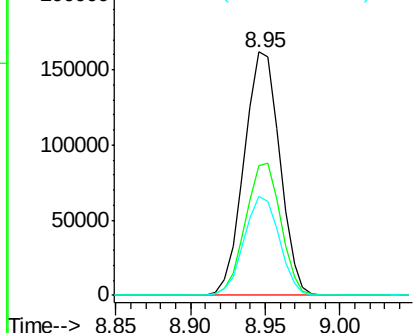
#23
Nitrobenzene-d5
Concen: 70.11 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016160.D
Acq: 27 Mar 2015 3:54

Instrument :
BNA_G
ClientSampled :
FD4

Tgt Ion: 82 Resp: 267965
Ion Ratio Lower Upper
82 100
128 53.4 40.4 60.6
54 40.6 32.1 48.1

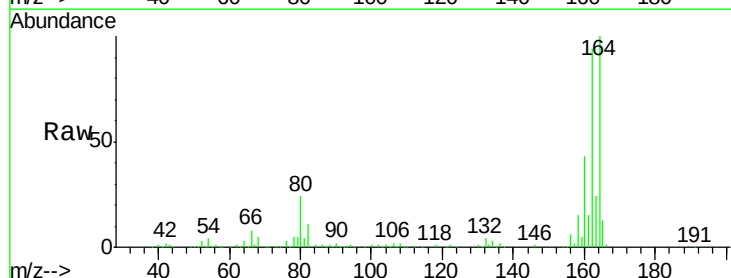


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

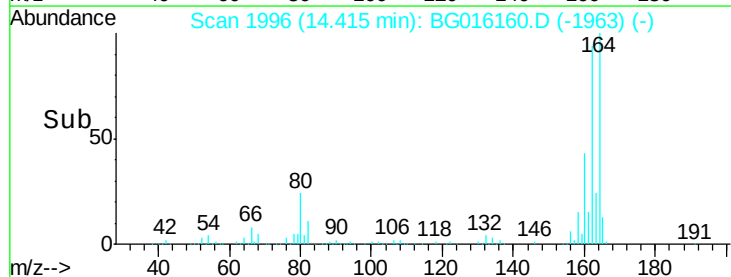
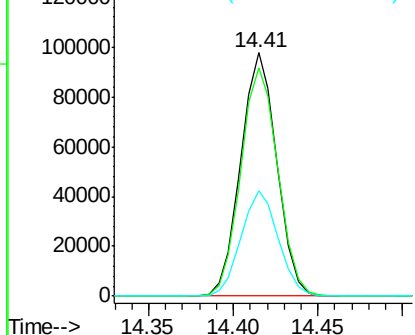


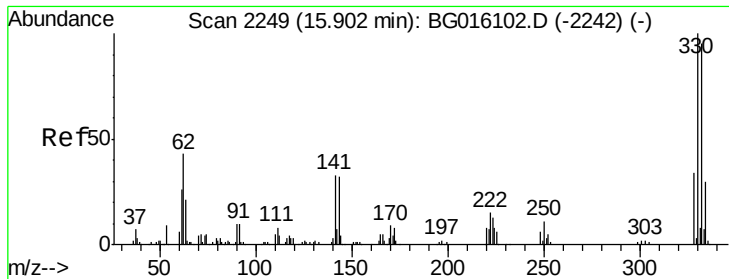
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016160.D
Acq: 27 Mar 2015 3:54

Tgt Ion: 164 Resp: 144726
Ion Ratio Lower Upper
164 100
162 93.7 75.2 112.8
160 43.3 33.9 50.9



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

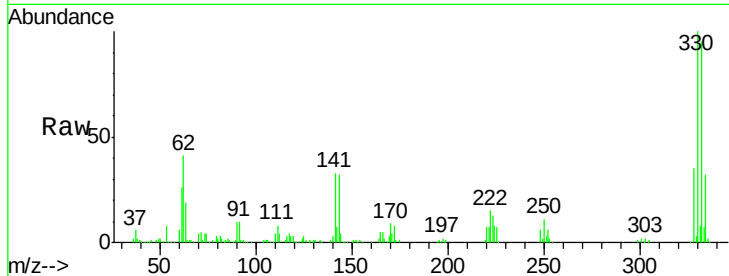




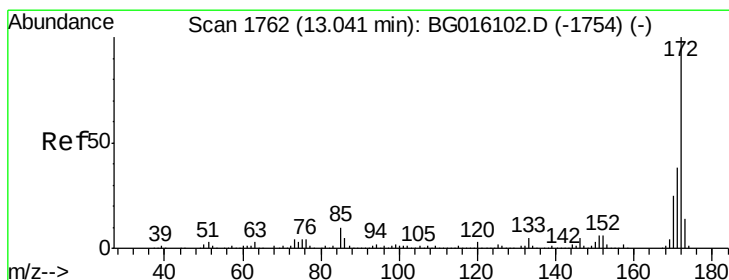
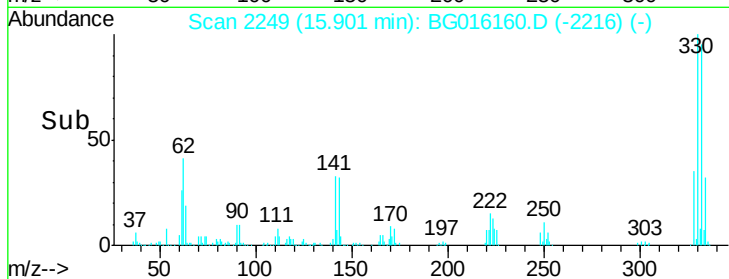
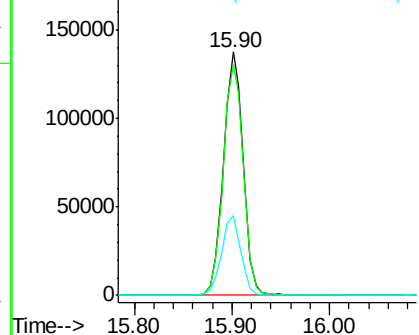
#41
 2,4,6-Tribromophenol
 Concen: 115.34 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016160.D
 Acq: 27 Mar 2015 3:54

Instrument :
 BNA_G
 ClientSampleId :
 FD4

Tgt Ion:330 Resp: 191684
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 32.6 26.2 39.4

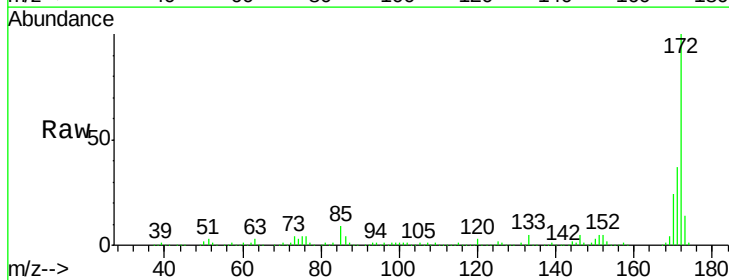


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

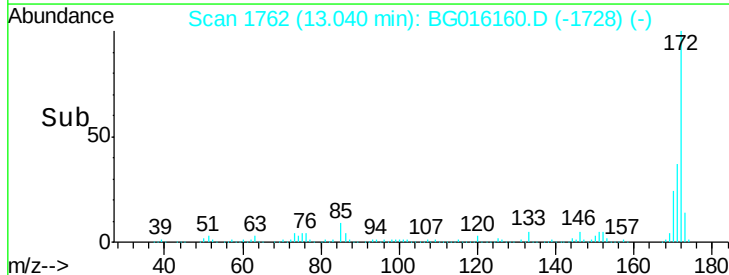
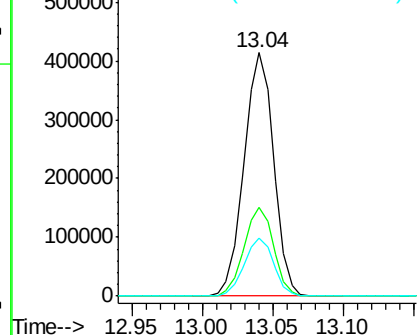


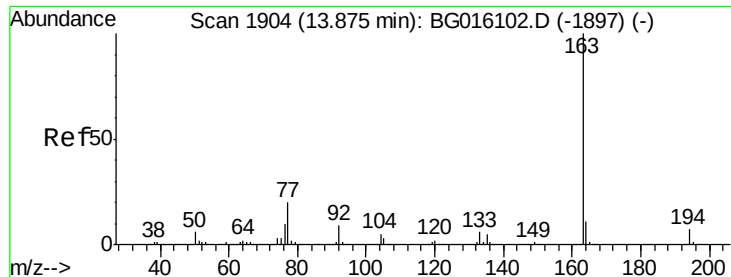
#44
 2-Fluorobiphenyl
 Concen: 70.16 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016160.D
 Acq: 27 Mar 2015 3:54

Tgt Ion:172 Resp: 606644
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.3 45.5
 170 23.9 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: 2.80 ng

RT: 13.87 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

Instrument :

BNA_G

ClientSampleId :

FD4

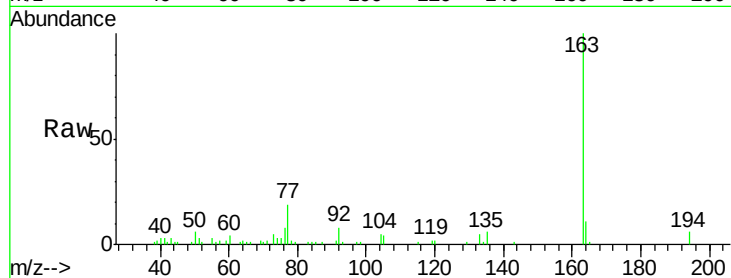
Tgt Ion:163 Resp: 28396

Ion Ratio Lower Upper

163 100

194 6.2 5.4 8.0

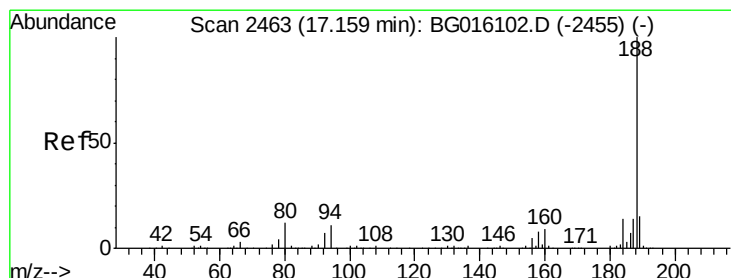
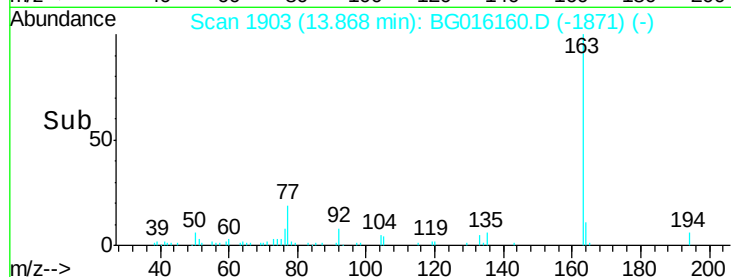
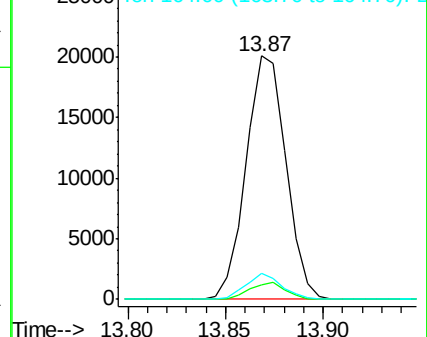
164 10.7 8.6 13.0



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: 17.15 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

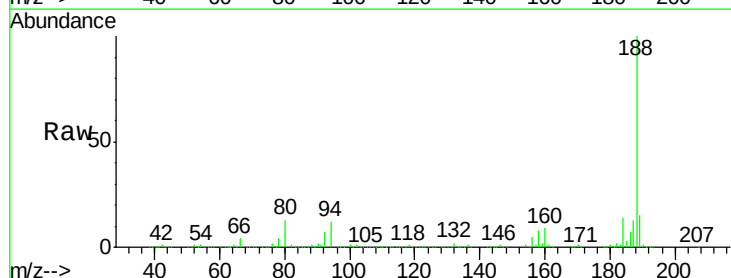
Tgt Ion:188 Resp: 316670

Ion Ratio Lower Upper

188 100

94 12.1 9.1 13.7

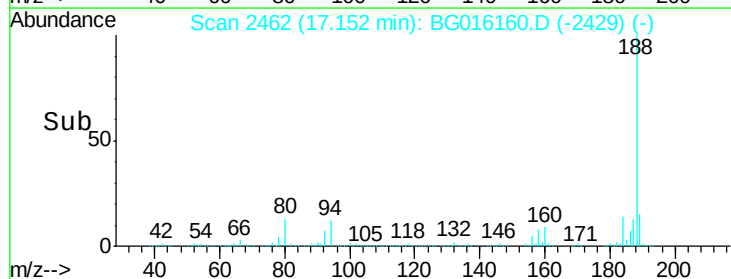
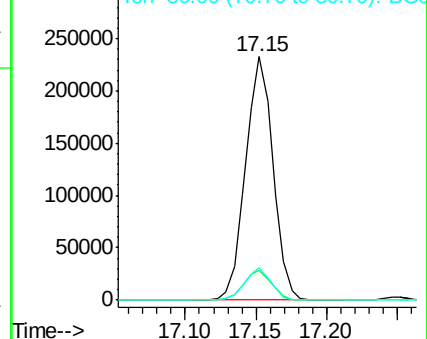
80 13.1 9.8 14.8

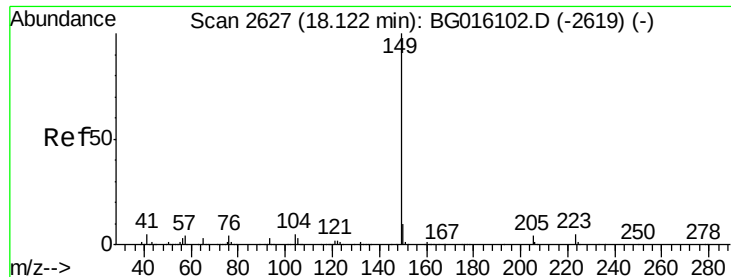


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: 12.08 ng

RT: 18.12 min Scan# 2626

Delta R.T. -0.00 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

Instrument :

BNA_G

ClientSampleId :

FD4

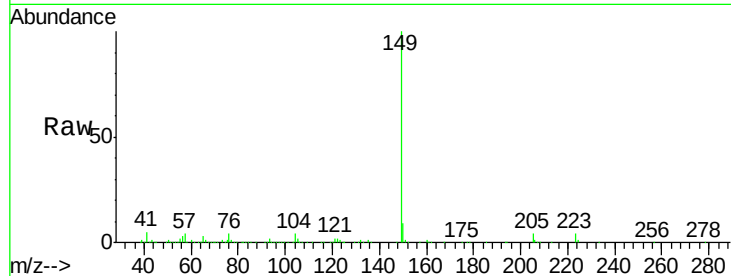
Tgt Ion:149 Resp: 236945

Ion Ratio Lower Upper

149 100

150 9.5 8.0 12.0

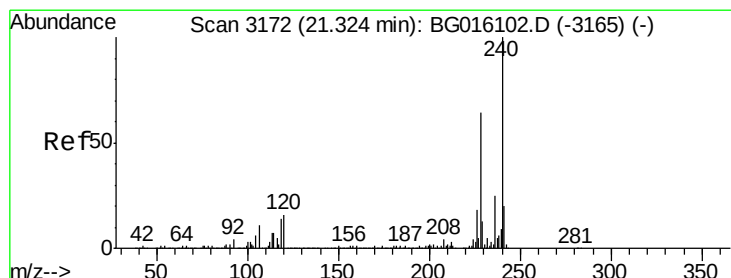
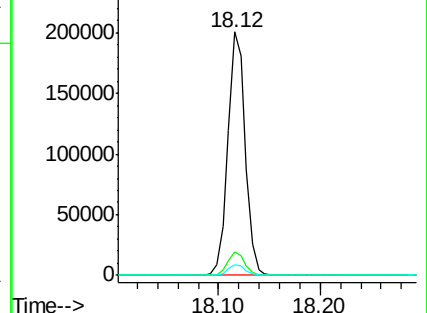
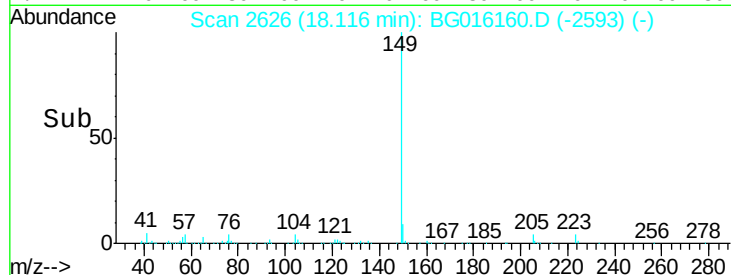
104 4.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

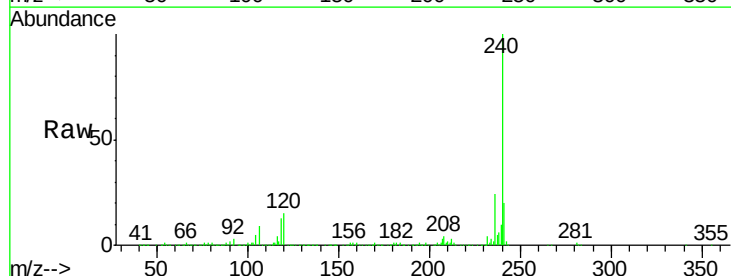
Tgt Ion:240 Resp: 333916

Ion Ratio Lower Upper

240 100

120 15.0 13.0 19.4

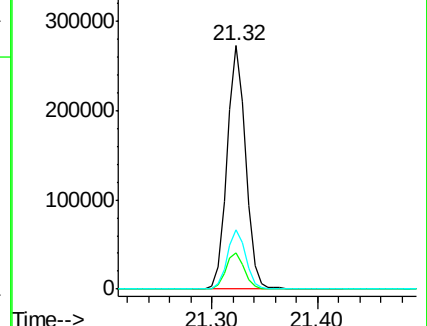
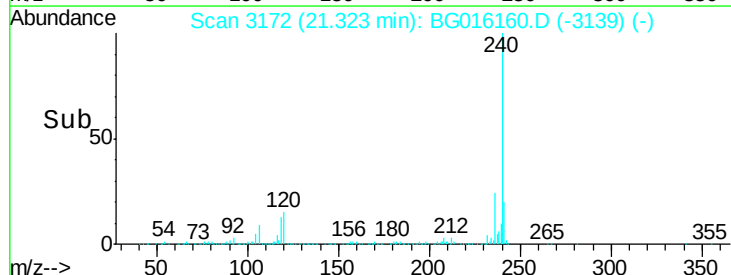
236 24.3 20.2 30.2

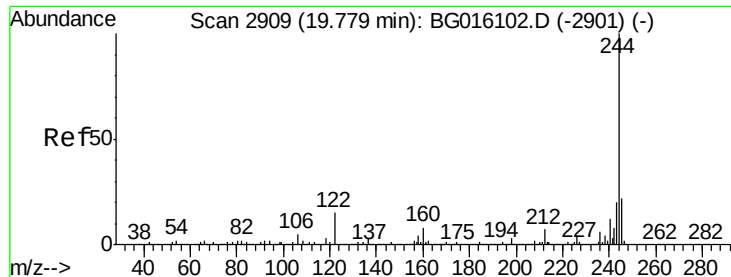


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.90 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

Instrument :

BNA_G

ClientSampleId :

FD4

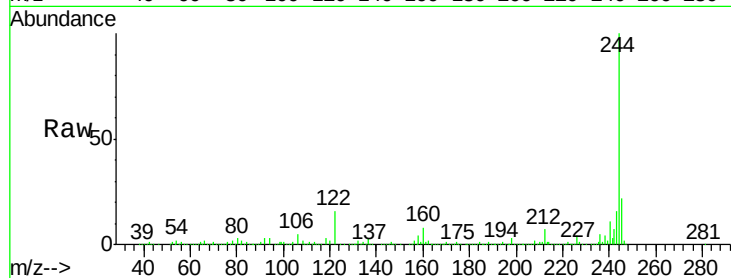
Tgt Ion:244 Resp: 900265

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

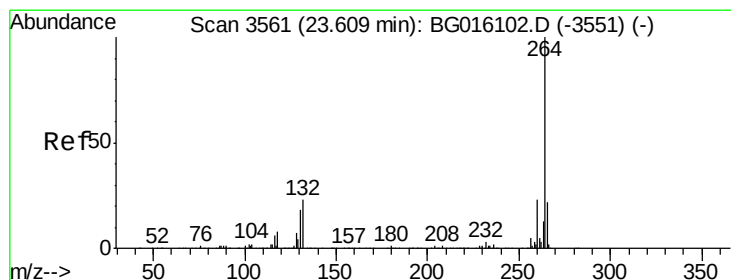
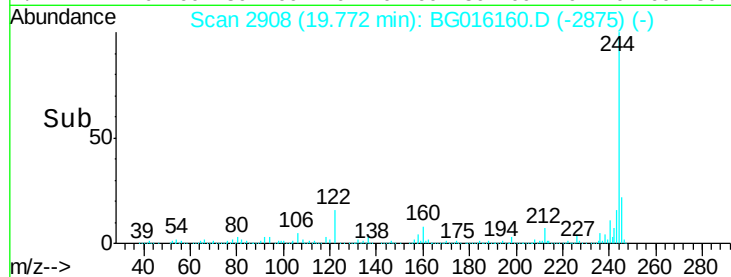
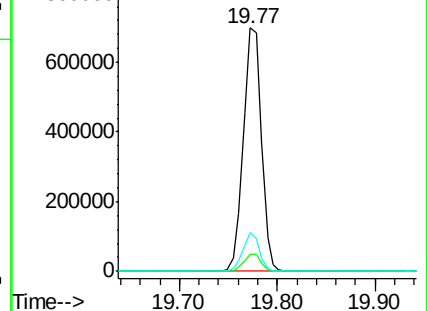
122 16.0 12.2 18.2



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: 23.61 min Scan# 3561

Delta R.T. 0.00 min

Lab File: BG016160.D

Acq: 27 Mar 2015 3:54

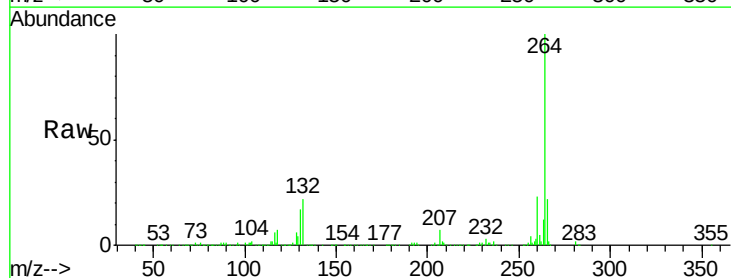
Tgt Ion:264 Resp: 322337

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.9 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

