

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016999.D
 Acq On : 9 May 2015 20:57
 Operator : TP/IZ
 Sample : G2184-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0444

Quant Time: May 11 01:23:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

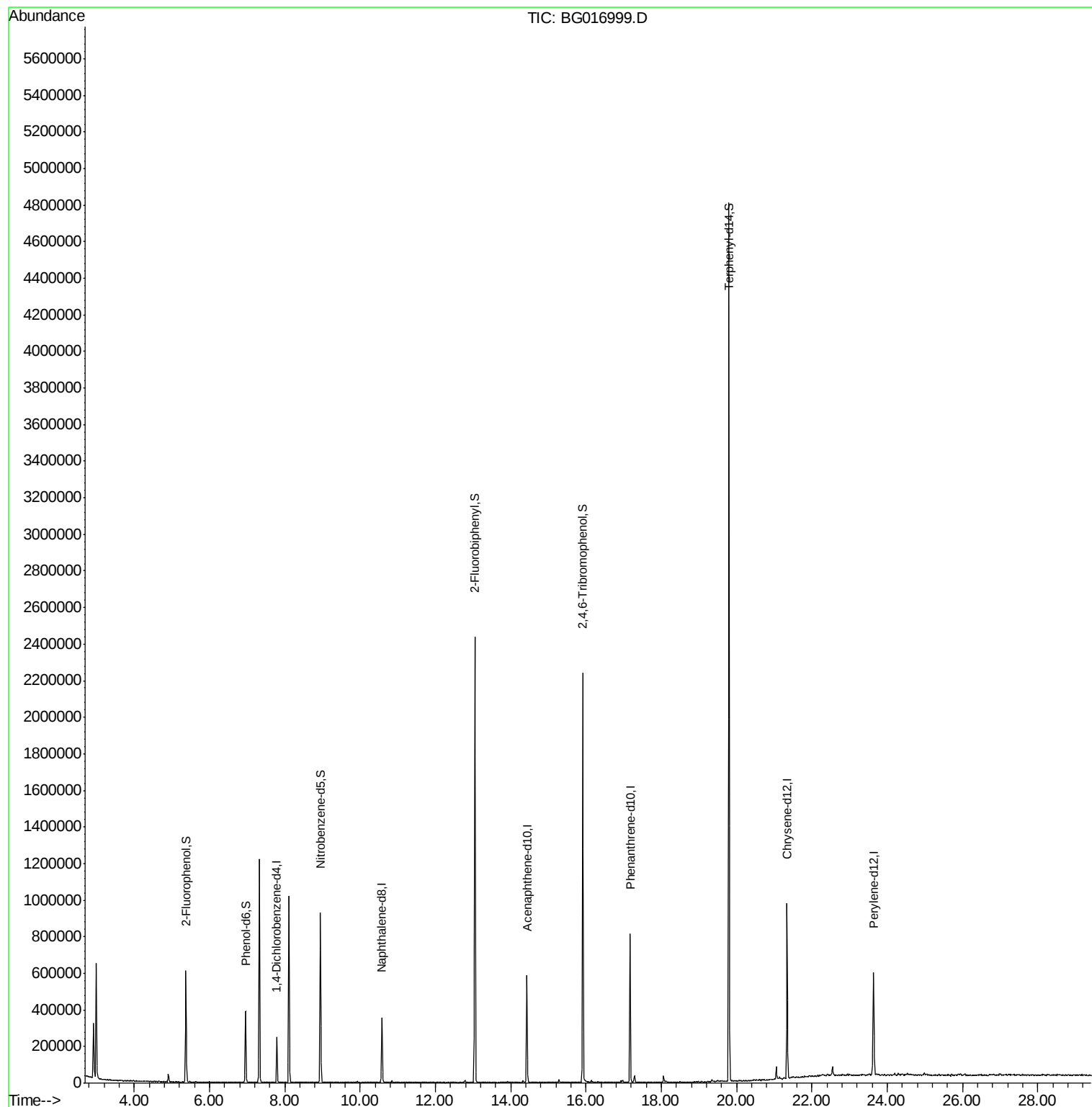
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	58674	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	261948	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	183157	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	418201	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	405929	20.00	ng	-0.03
86) Perylene-d12	23.64	264	392745	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	213279	63.29	ng	-0.01
7) Phenol-d6	6.96	99	183636	38.14	ng	0.00
23) Nitrobenzene-d5	8.95	82	499645	93.18	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	320316	174.21	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1084386	89.34	ng	-0.02
78) Terphenyl-d14	19.80	244	1780617	102.83	ng	-0.02
Target Compounds						
32) Benzoic acid	9.77	122	60	Below Cal	Qvalue #	1

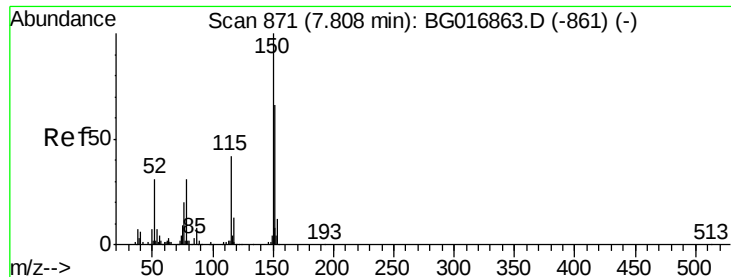
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG016999.D

Acq: 9 May 2015 20:57

Instrument :

BNA_G

ClientSampleId :

S8-0444

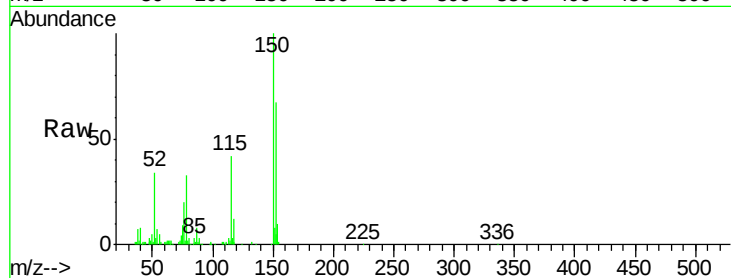
Tgt Ion:152 Resp: 58674

Ion Ratio Lower Upper

152 100

150 148.8 121.0 181.4

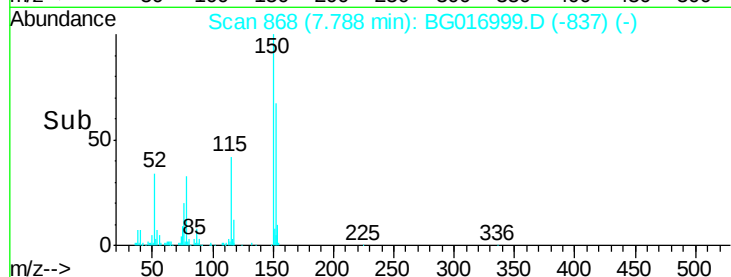
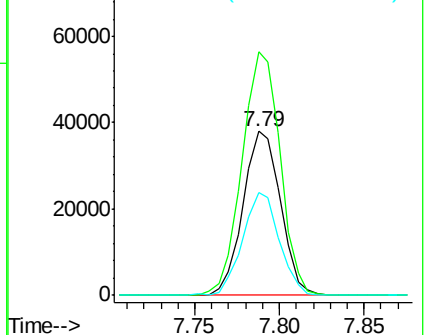
115 62.7 50.5 75.7



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: 63.29 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016999.D

Acq: 9 May 2015 20:57

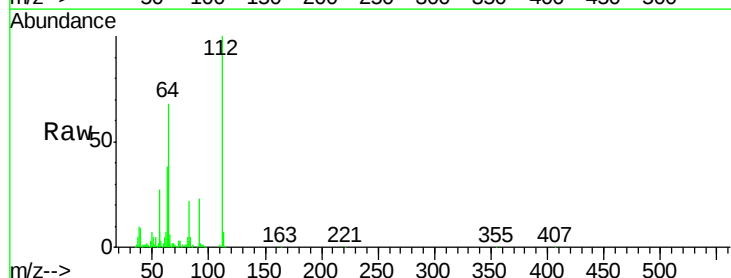
Tgt Ion:112 Resp: 213279

Ion Ratio Lower Upper

112 100

64 67.6 51.4 77.2

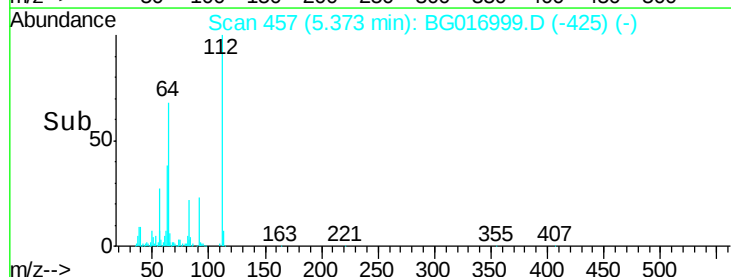
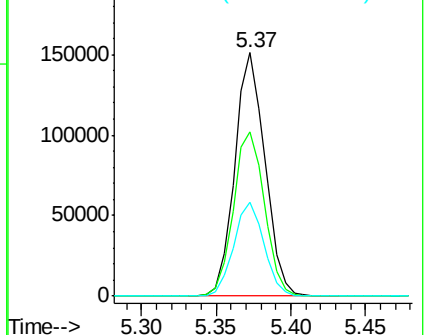
63 38.4 28.1 42.1

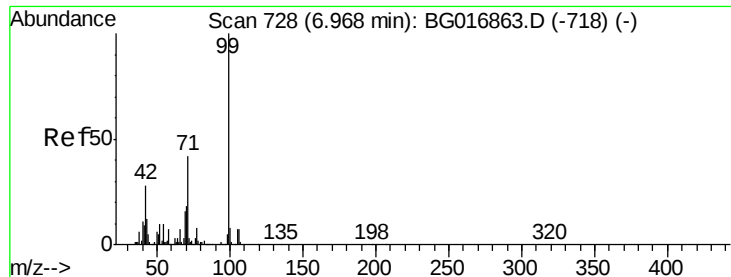


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.14 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016999.D

Acq: 9 May 2015 20:57

Instrument :

BNA_G

ClientSampleId :

S8-0444

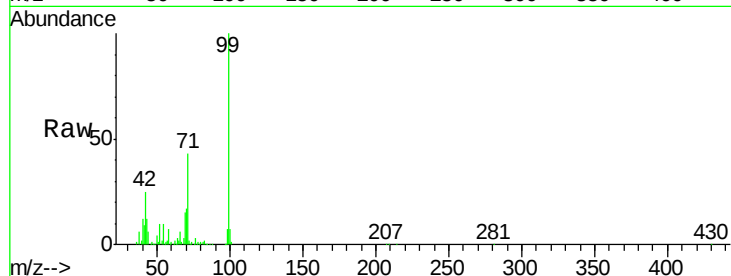
Tgt Ion: 99 Resp: 183636

Ion Ratio Lower Upper

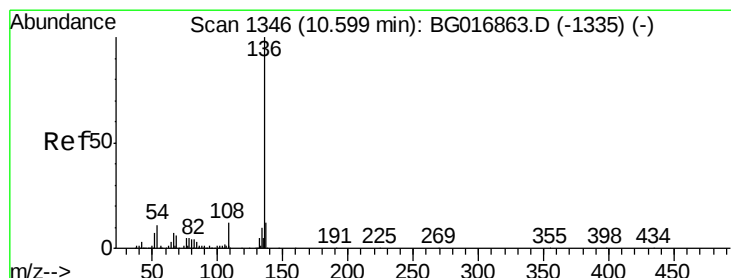
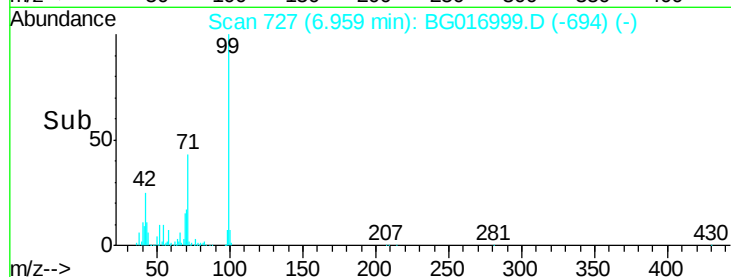
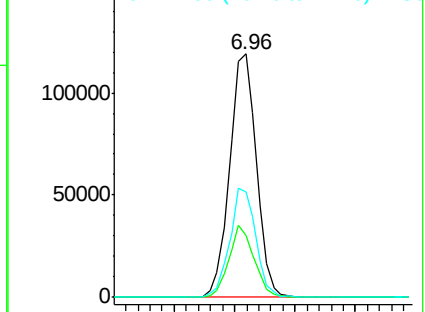
99 100

42 25.3 22.1 33.1

71 43.3 33.4 50.0



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. -0.02 min

Lab File: BG016999.D

Acq: 9 May 2015 20:57

Tgt Ion: 136 Resp: 261948

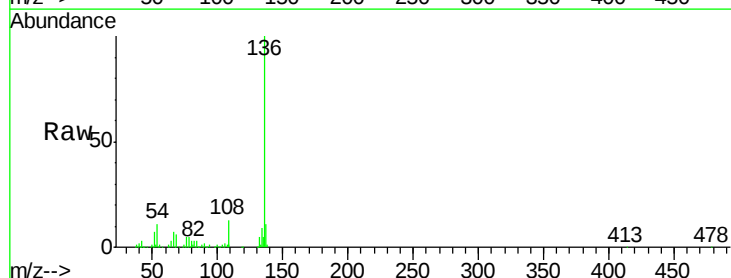
Ion Ratio Lower Upper

136 100

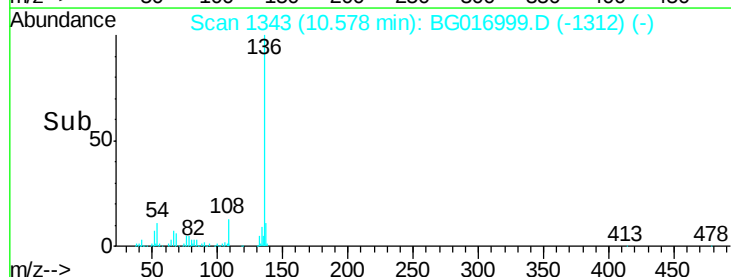
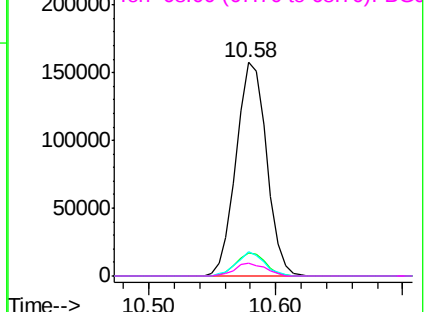
137 11.1 9.8 14.8

54 11.4 8.7 13.1

68 6.0 5.0 7.4



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

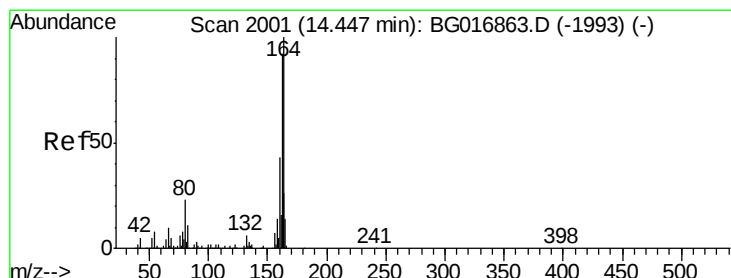
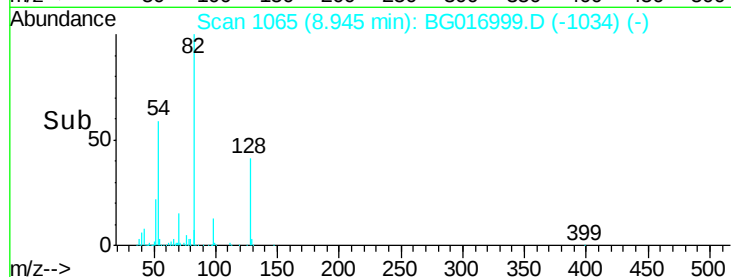
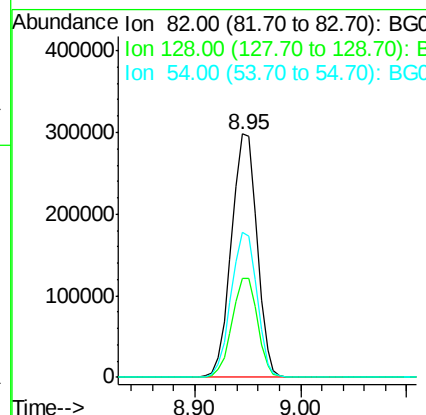
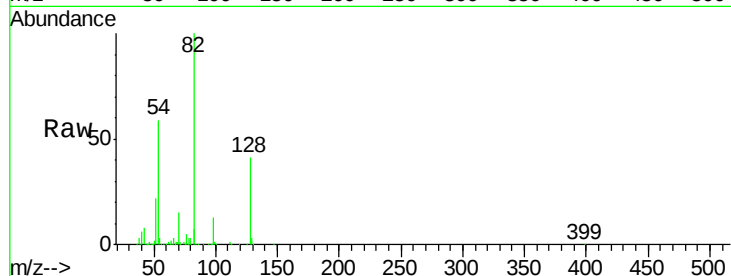




#23
 Nitrobenzene-d5
 Concen: 93.18 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG016999.D
 Acq: 9 May 2015 20:57

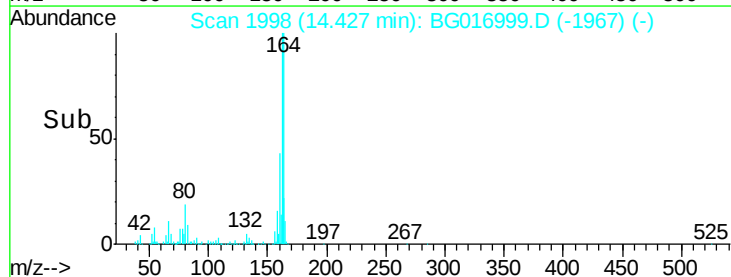
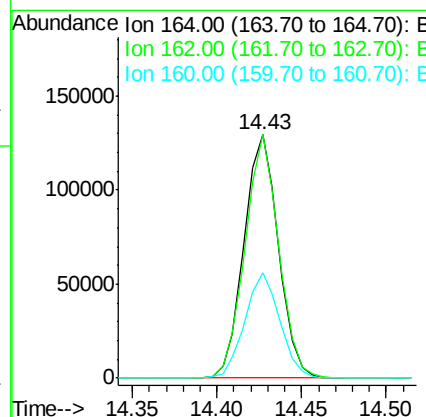
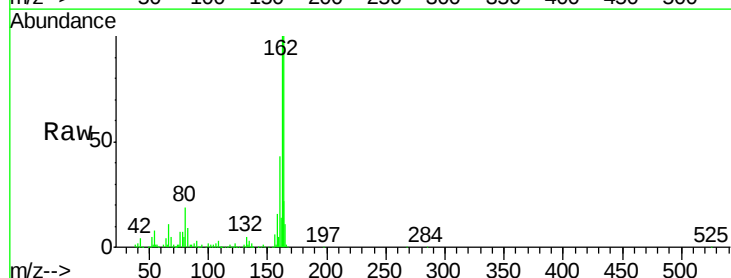
Instrument :
 BNA_G
 ClientSampleId :
 S8-0444

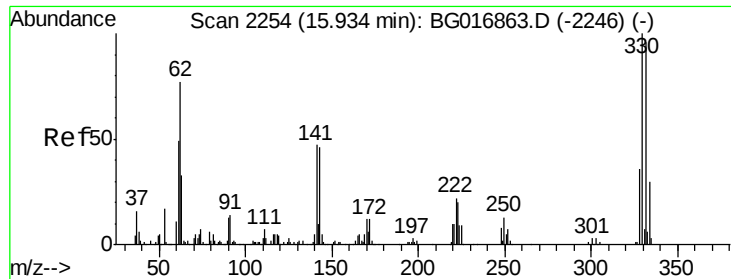
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.2	49.8
54	59.3	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016999.D
 Acq: 9 May 2015 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	74.0	111.0
160	43.2	34.7	52.1

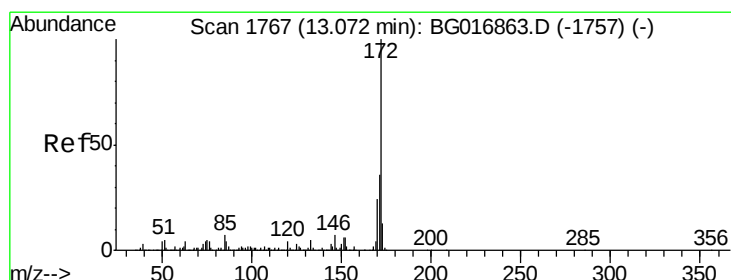
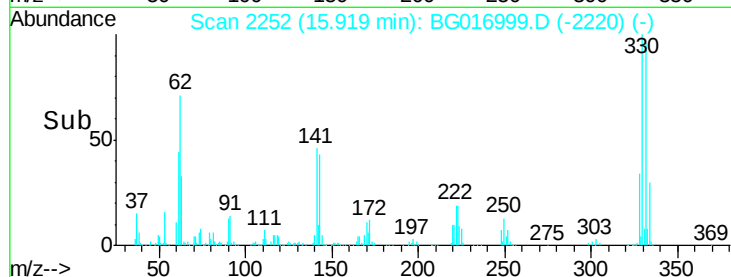
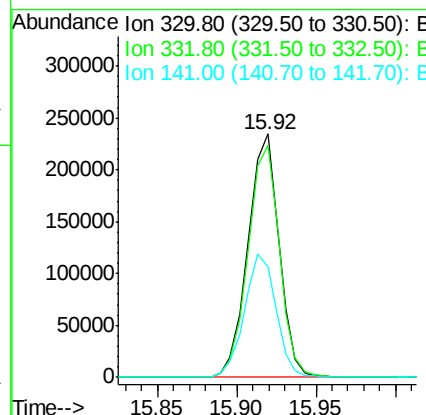
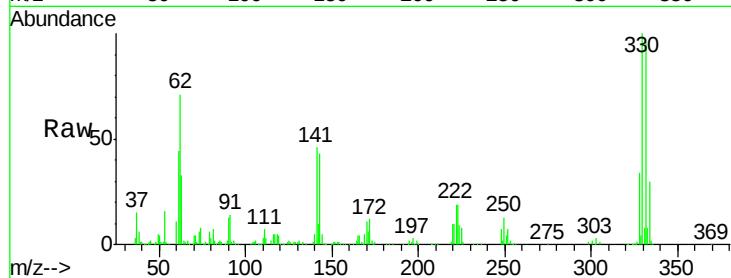




#41
 2,4,6-Tribromophenol
 Concen: 174.21 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG016999.D
 Acq: 9 May 2015 20:57

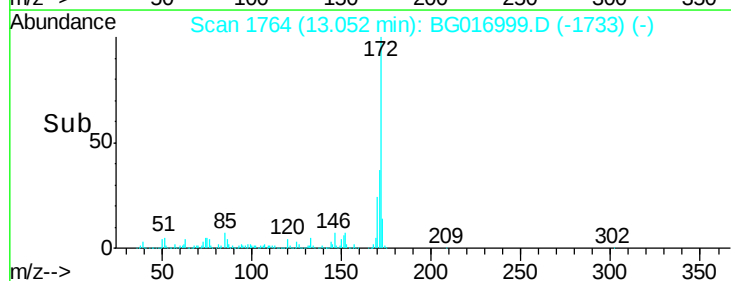
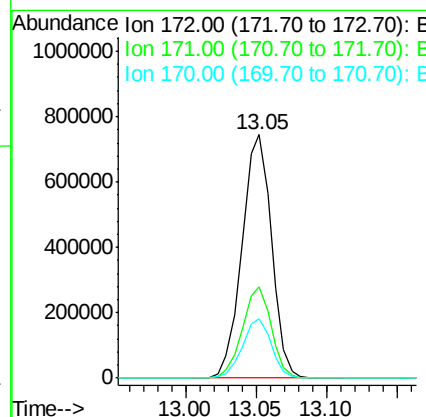
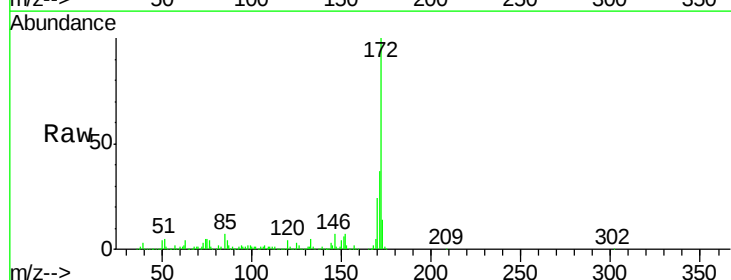
Instrument :
 BNA_G
 ClientSampleId :
 S8-0444

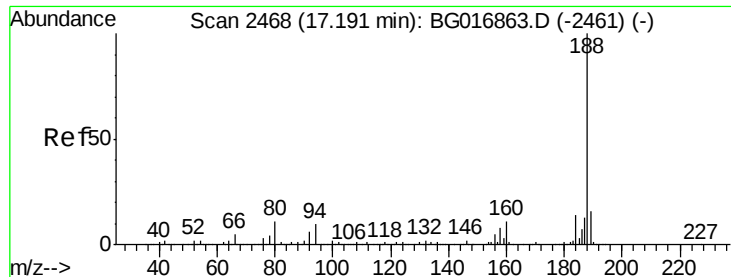
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	51.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.34 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016999.D
 Acq: 9 May 2015 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.4
170	24.3	19.0	28.4

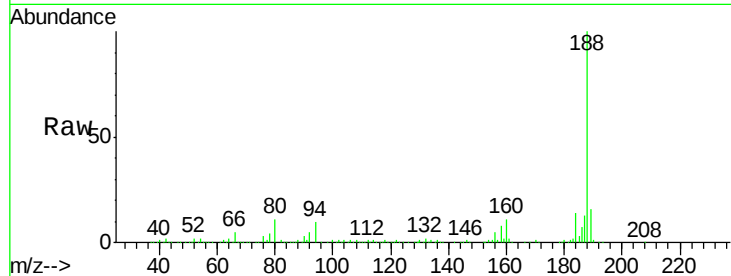




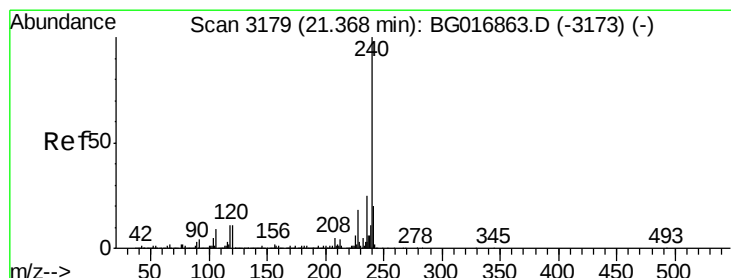
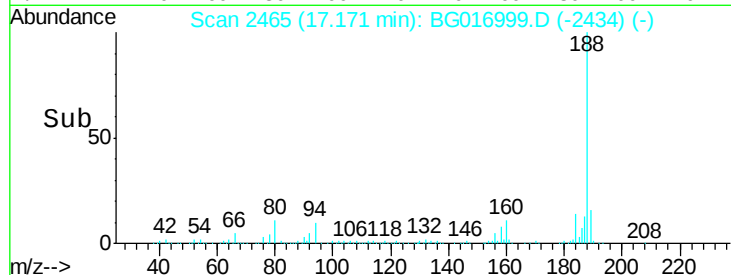
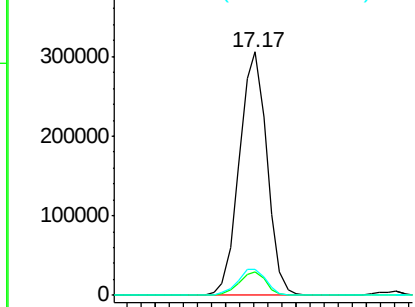
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG016999.D
Acq: 9 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
S8-0444

Tgt Ion:188 Resp: 418201
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.4
80 10.6 8.8 13.2

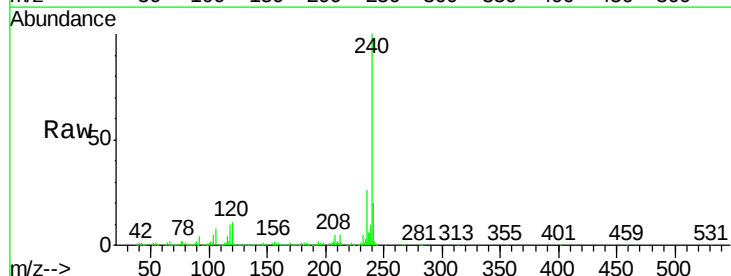


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

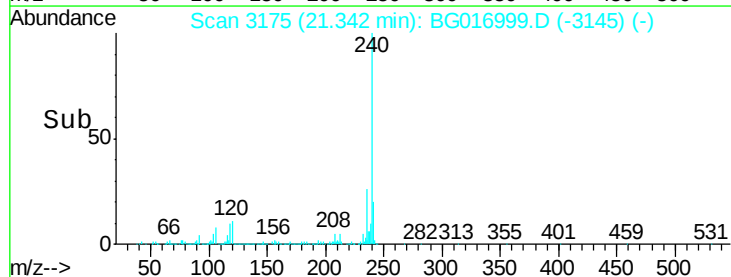
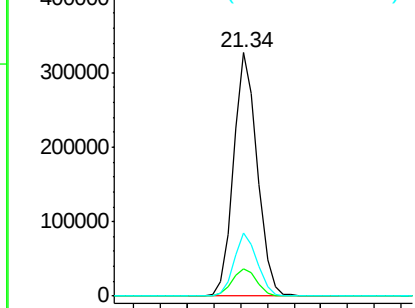


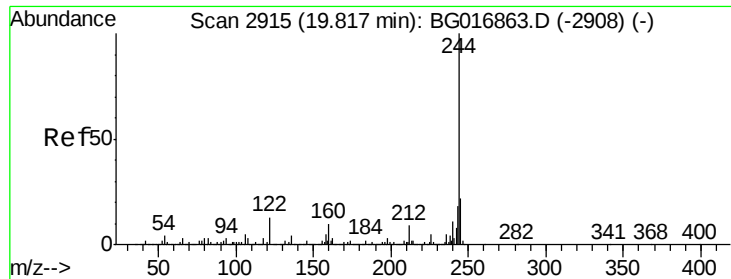
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG016999.D
Acq: 9 May 2015 20:57

Tgt Ion:240 Resp: 405929
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 26.0 20.2 30.4



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: 102.83 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016999.D

Acq: 9 May 2015 20:57

Instrument :

BNA_G

ClientSampleId :

S8-0444

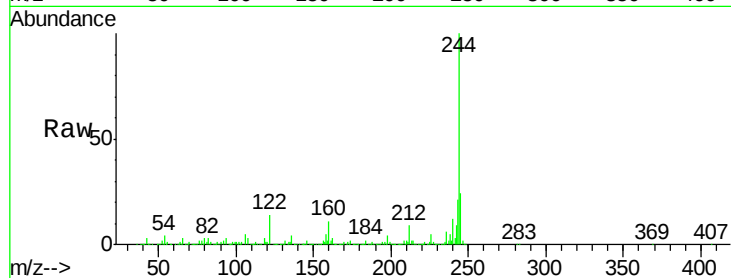
Tgt Ion:244 Resp: 1780617

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

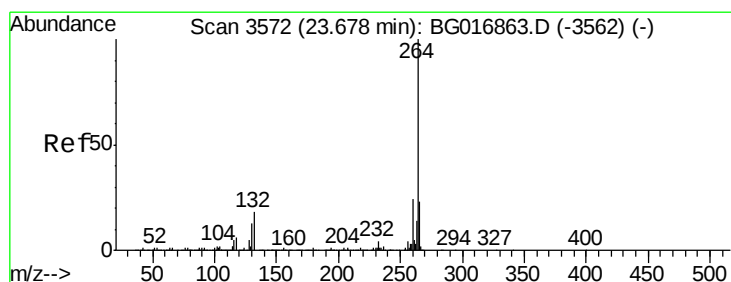
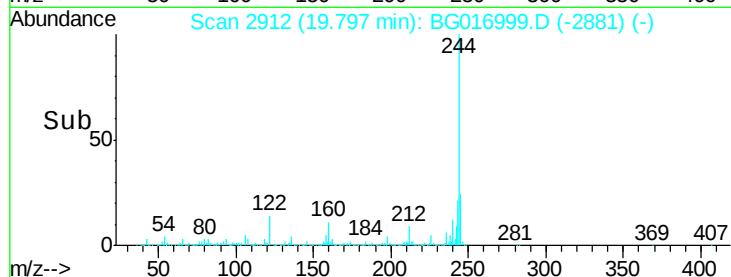
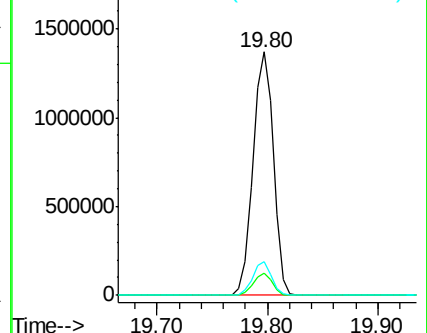
122 13.6 10.4 15.6



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: 23.64 min Scan# 3566

Delta R.T. -0.04 min

Lab File: BG016999.D

Acq: 9 May 2015 20:57

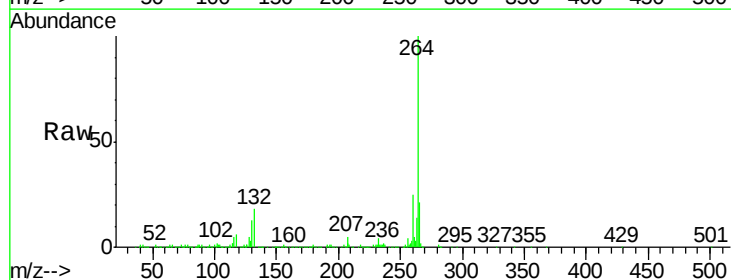
Tgt Ion:264 Resp: 392745

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.2 18.5 27.7



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

