

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019901.D
 Acq On : 4 Dec 2015 10:54
 Operator : UM/NP
 Sample : G4609-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CF-3

Quant Time: Dec 04 12:29:45 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

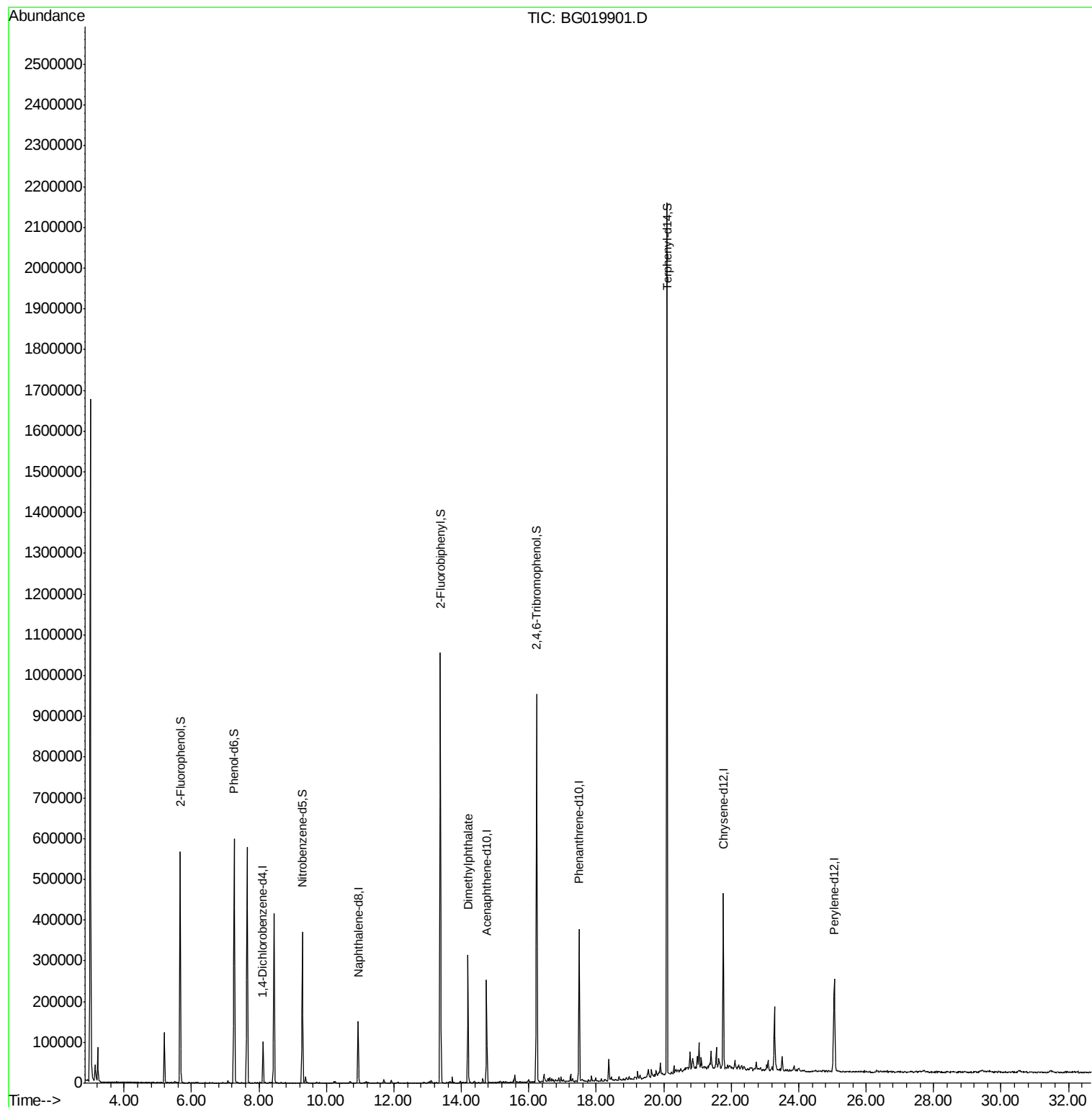
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27492	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	119870	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	85457	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	222871	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	265093	20.00	ng	-0.02
86) Perylene-d12	25.05	264	254284	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	229159	150.65	ng	0.00
7) Phenol-d6	7.27	99	342770	149.25	ng	0.00
23) Nitrobenzene-d5	9.28	82	225381	95.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	172664	132.05	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	535299	85.53	ng	-0.01
78) Terphenyl-d14	20.09	244	901210	82.92	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.19	163	197101	25.64	ng	Qvalue 100

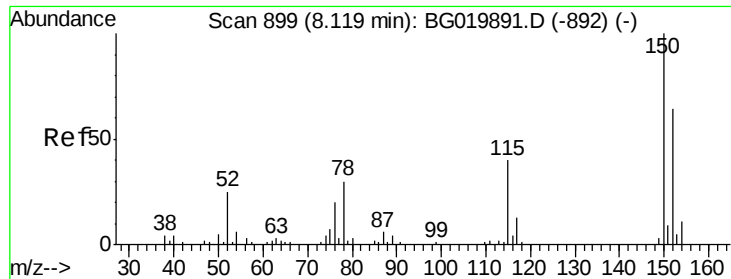
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019901.D

Acq: 4 Dec 2015 10:54

Instrument :

BNA_G

ClientSampleId :

CF-3

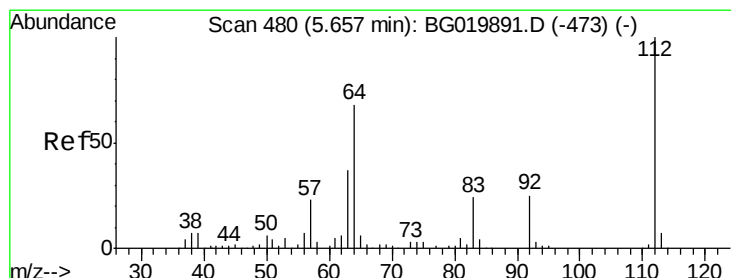
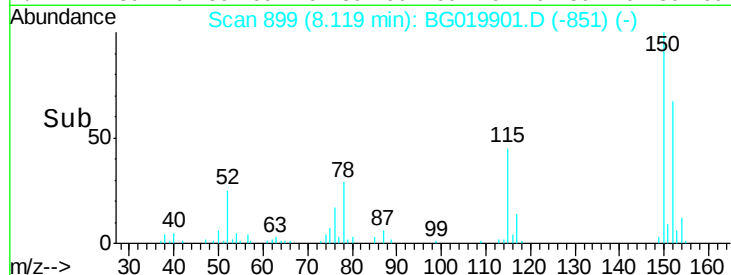
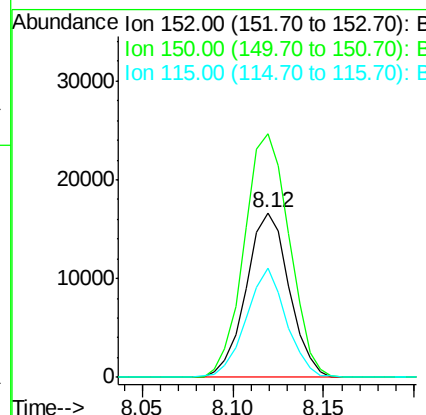
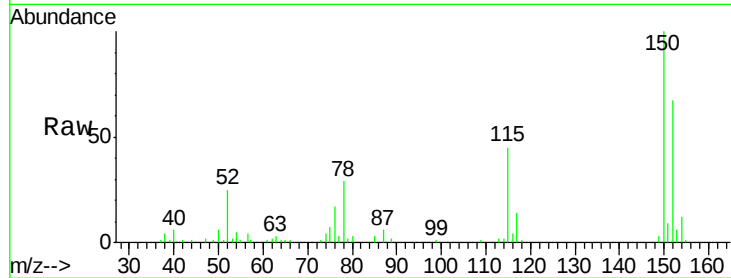
Tot Ion:152 Resp: 27492

Ion Ratio Lower Upper

152 100

150 148.2 115.0 172.4

115 66.7 43.9 65.9#



#5

2-Fluorophenol

Concen: 150.65 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG019901.D

Acq: 4 Dec 2015 10:54

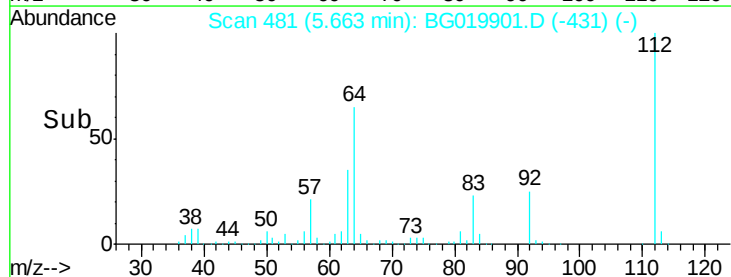
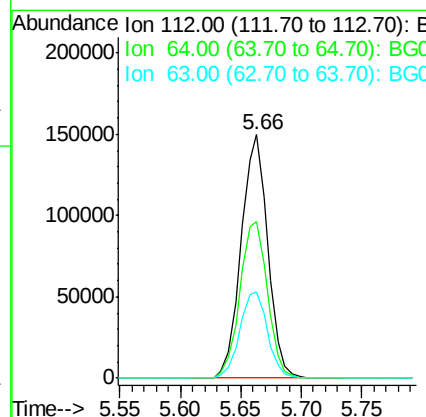
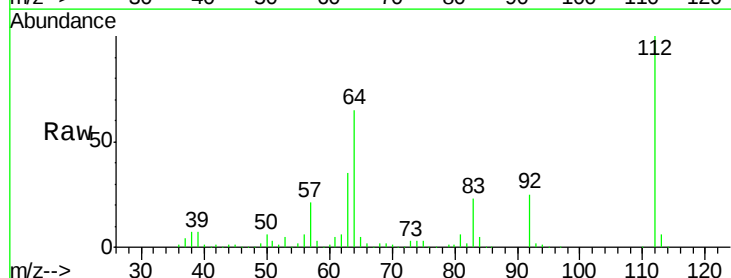
Tgt Ion:112 Resp: 229159

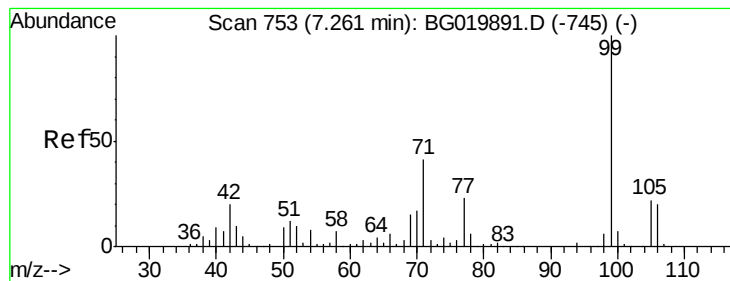
Ion Ratio Lower Upper

112 100

64 64.5 43.7 65.5

63 35.4 24.0 36.0





#7

Phenol-d6

Concen: 149.25 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019901.D

Acq: 4 Dec 2015 10:54

Instrument :

BNA_G

ClientSampled :

CF-3

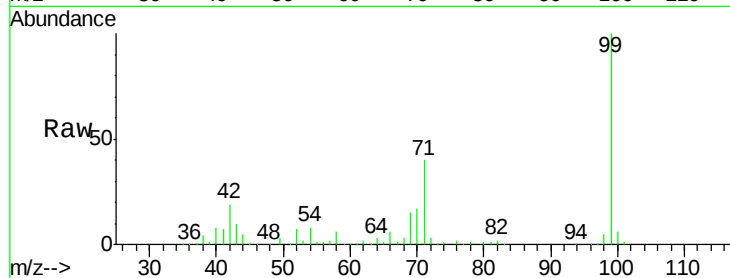
Tot Ion: 99 Resp: 342770

Ion Ratio Lower Upper

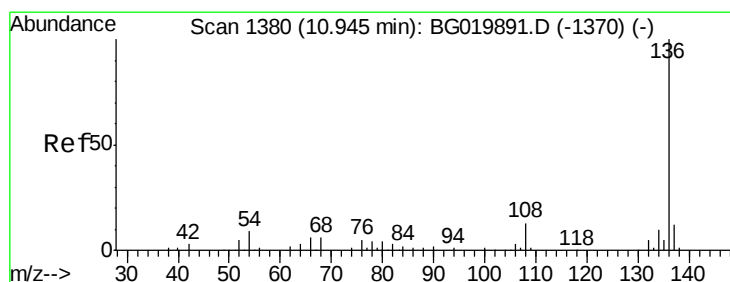
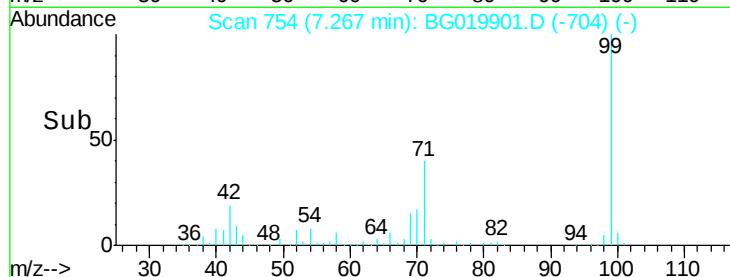
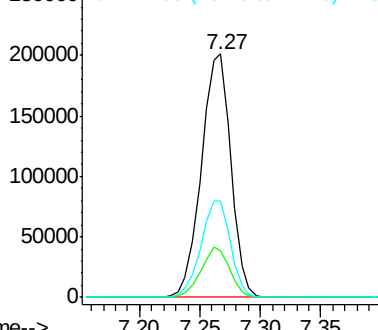
99 100

42 19.2 11.5 17.3#

71 39.7 22.6 34.0#



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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019901.D

Acq: 4 Dec 2015 10:54

Tgt Ion: 136 Resp: 119870

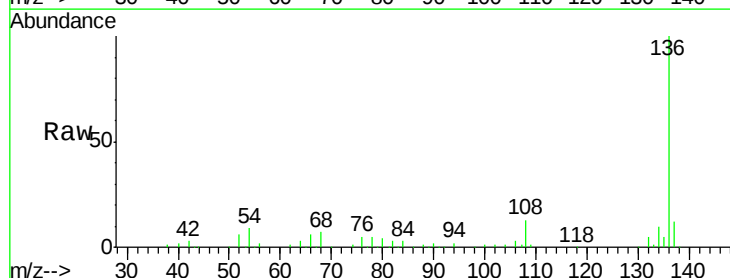
Ion Ratio Lower Upper

136 100

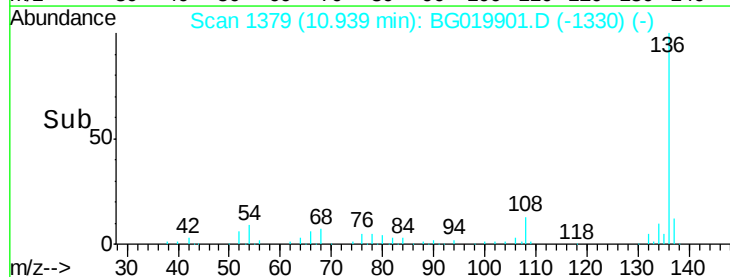
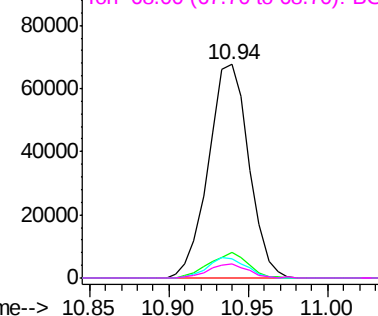
137 11.7 8.6 12.8

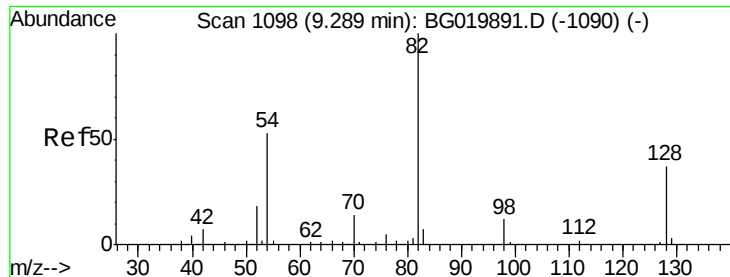
54 8.7 5.4 8.2#

68 6.7 5.3 7.9



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

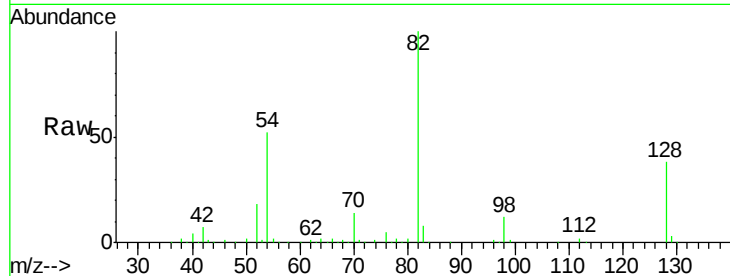




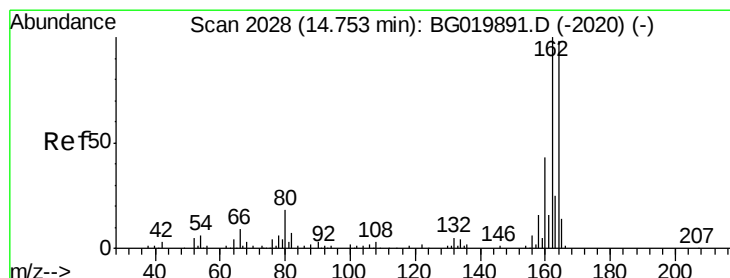
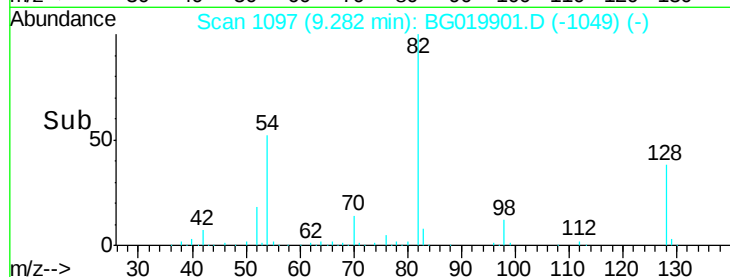
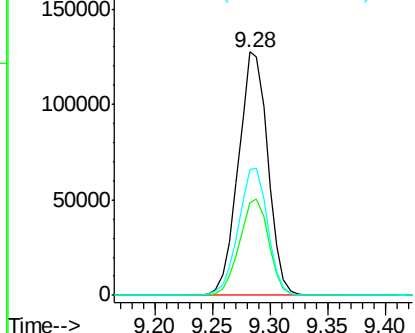
#23
Nitrobenzene-d5
Concen: 95.96 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019901.D
Acq: 4 Dec 2015 10:54

Instrument :
BNA_G
ClientSampleID :
CF-3

Tot Ion: 82 Resp: 225381
Ion Ratio Lower Upper
82 100
128 38.1 36.7 55.1
54 51.9 33.8 50.8#

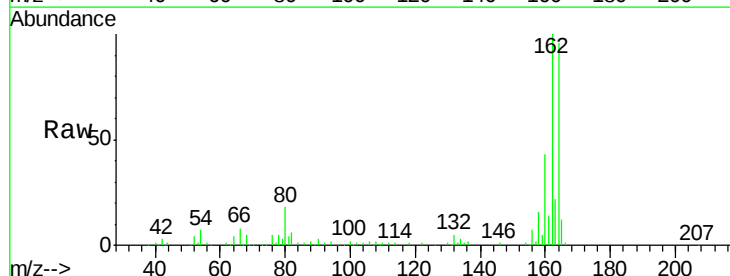


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

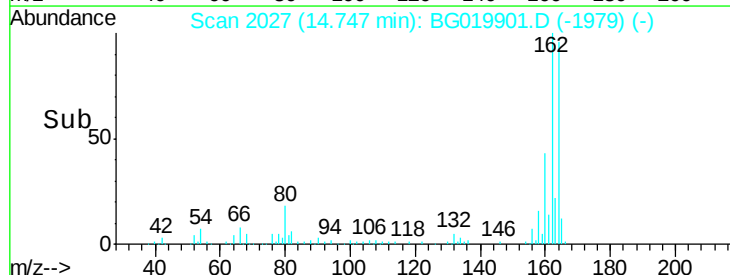
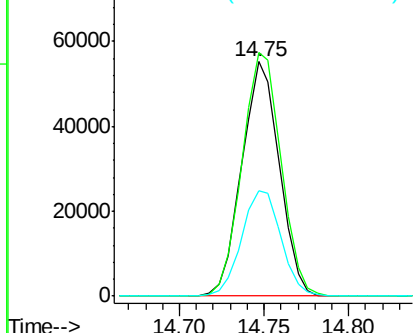


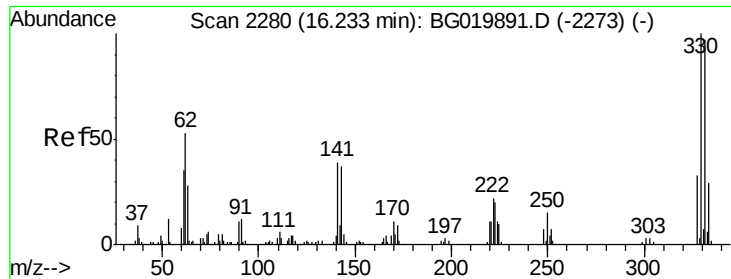
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019901.D
Acq: 4 Dec 2015 10:54

Tgt Ion:164 Resp: 85457
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 45.1 36.4 54.6



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

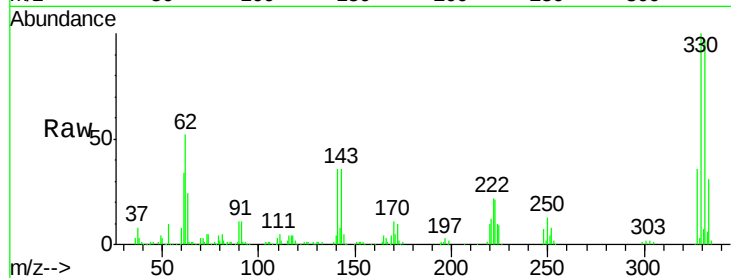




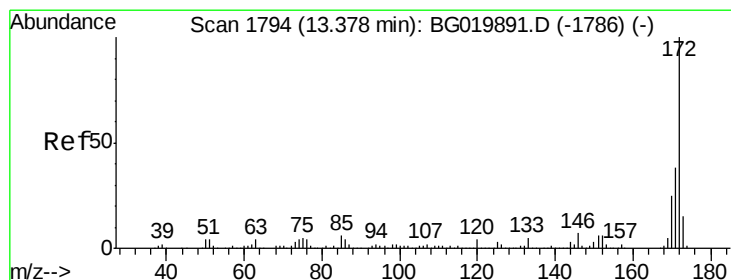
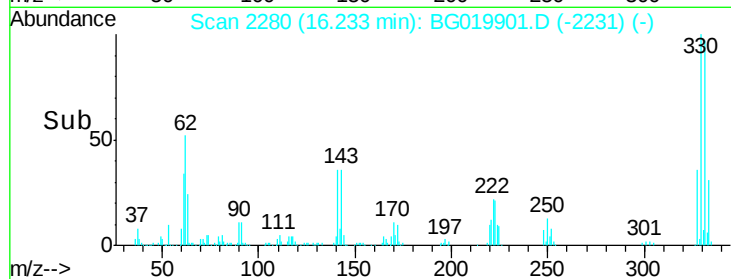
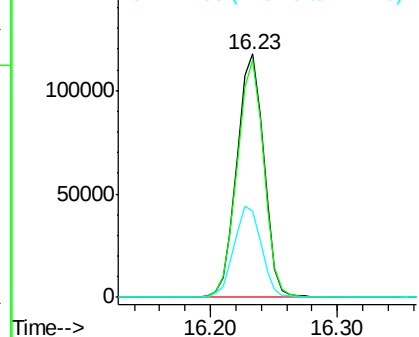
#41
 2,4,6-Tribromophenol
 Concen: 132.05 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019901.D
 Acq: 4 Dec 2015 10:54

Instrument :
 BNA_G
 ClientSampled :
 CF-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	38.2	28.2	42.2

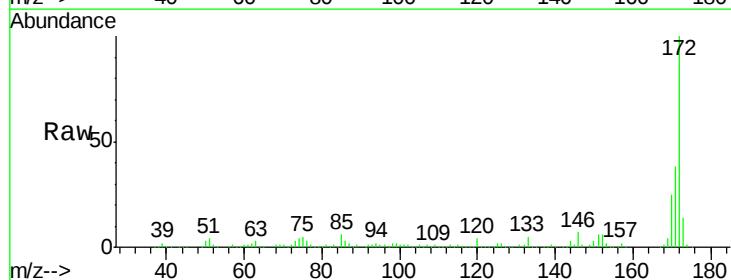


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

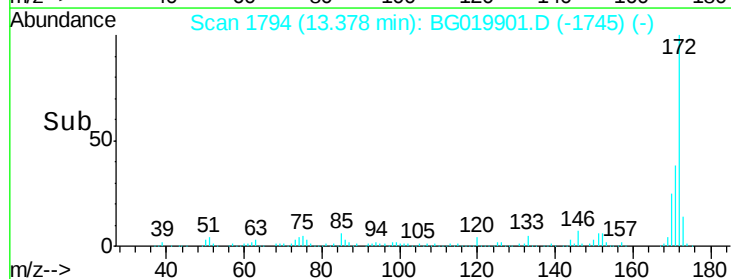
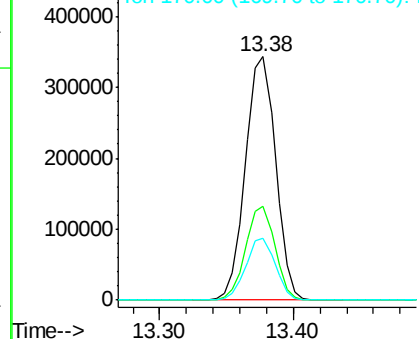


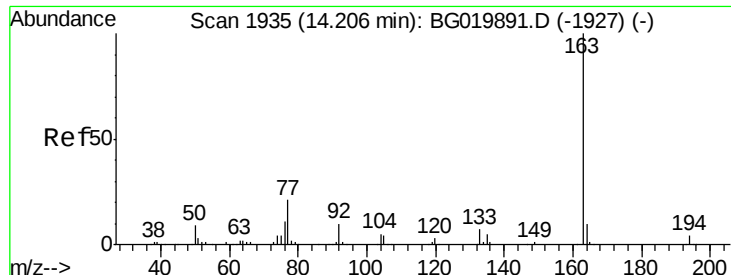
#44
 2-Fluorobiphenyl
 Concen: 85.53 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019901.D
 Acq: 4 Dec 2015 10:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.0	43.6
170	25.4	19.9	29.9



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: 25.64 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019901.D

Acq: 4 Dec 2015 10:54

Instrument :

BNA_G

ClientSampleId :

CF-3

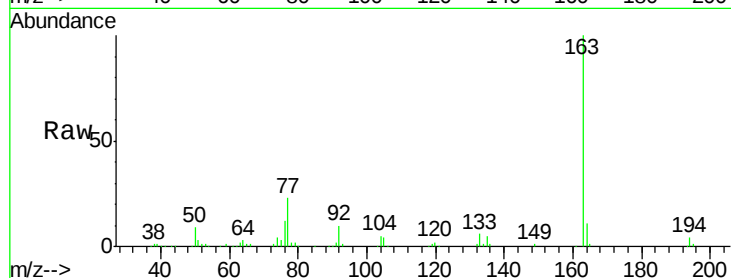
Tot Ion:163 Resp: 197101

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

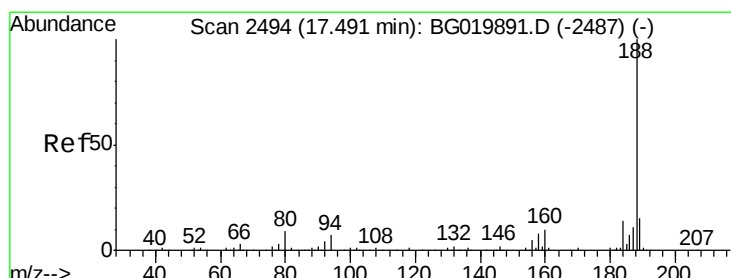
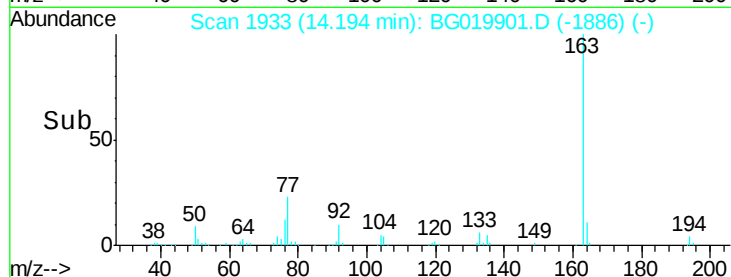
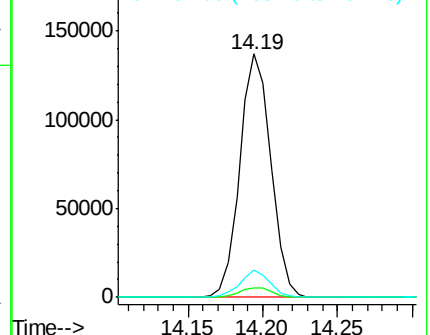
164 11.1 8.8 13.2



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: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019901.D

Acq: 4 Dec 2015 10:54

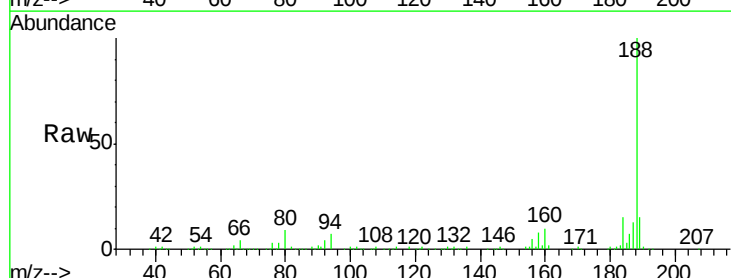
Tgt Ion:188 Resp: 222871

Ion Ratio Lower Upper

188 100

94 7.4 7.7 11.5#

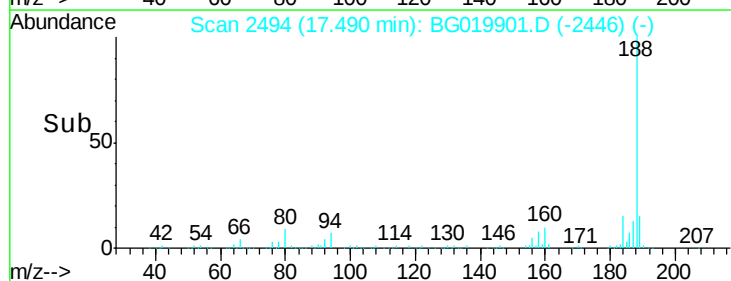
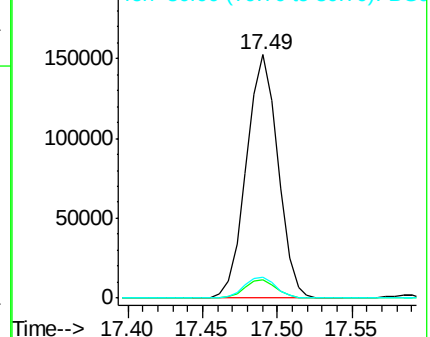
80 8.8 7.8 11.8

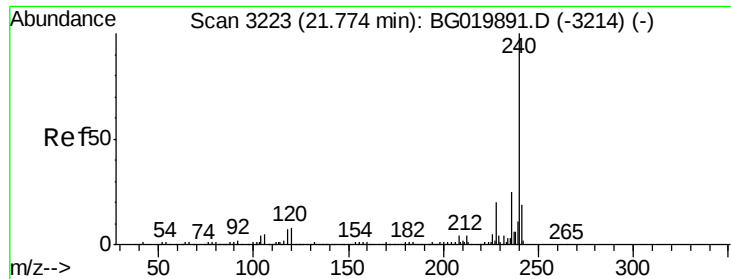


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

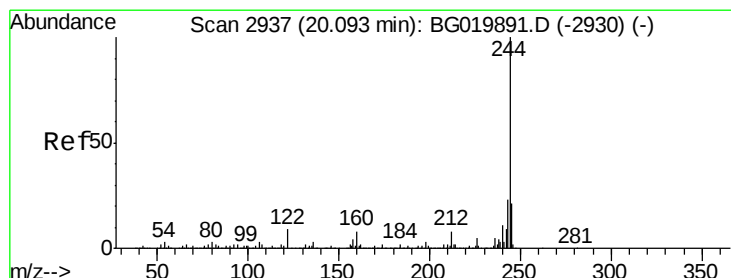
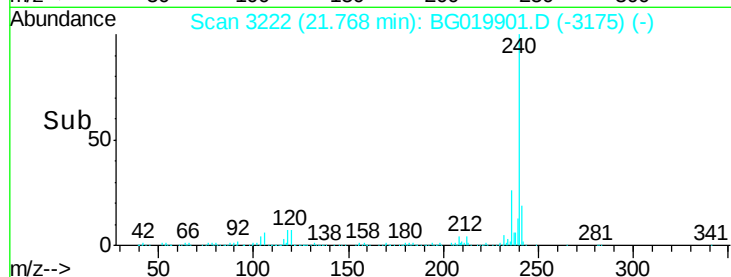
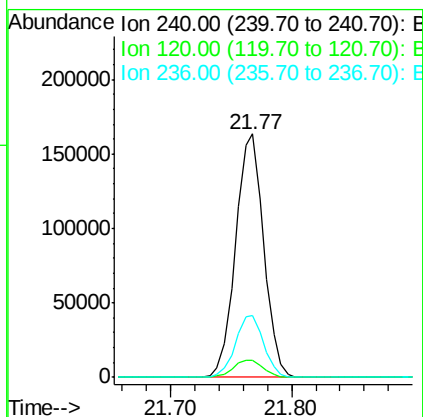
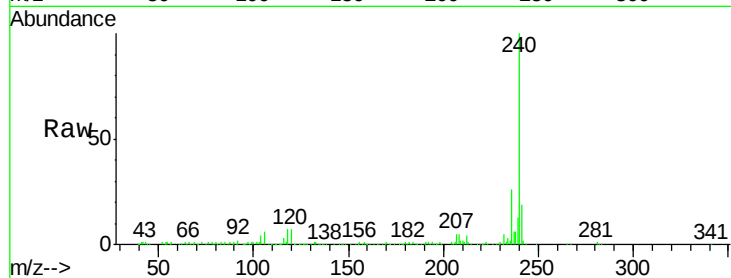




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019901.D
Acq: 4 Dec 2015 10:54

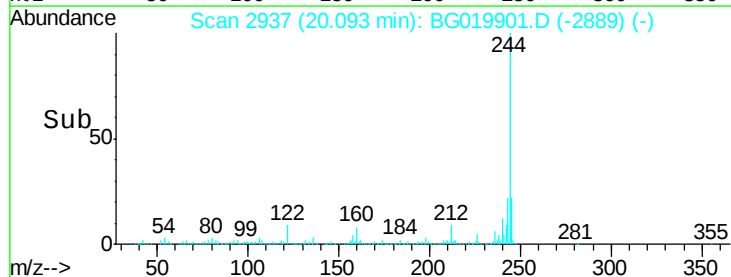
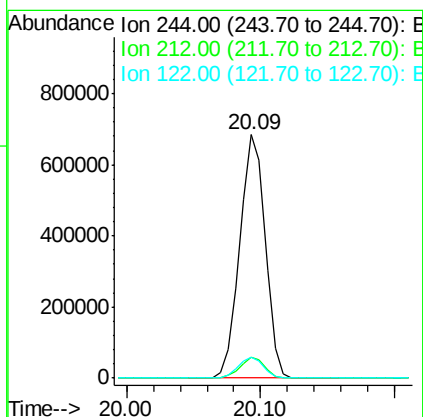
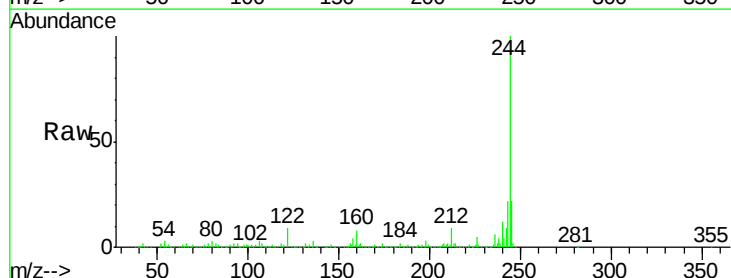
Instrument :
BNA_G
ClientSampleId :
CF-3

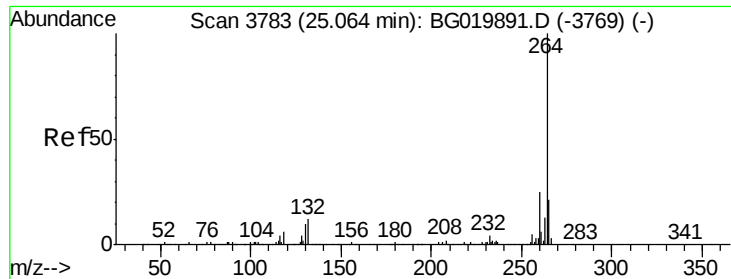
Tot Ion:240 Resp: 265093
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.5 20.7 31.1



#78
Terphenyl-d14
Concen: 82.92 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.02 min
Lab File: BG019901.D
Acq: 4 Dec 2015 10:54

Tgt Ion:244 Resp: 901210
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 8.8 10.2 15.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.04 min
 Lab File: BG019901.D
 Acq: 4 Dec 2015 10:54

Instrument :
 BNA_G
 ClientSampleId :
 CF-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.9	17.2	25.8

