

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020097.D
 Acq On : 11 Dec 2015 6:04
 Operator : UM/SJ
 Sample : G4729-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-30

Quant Time: Dec 11 08:01:23 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

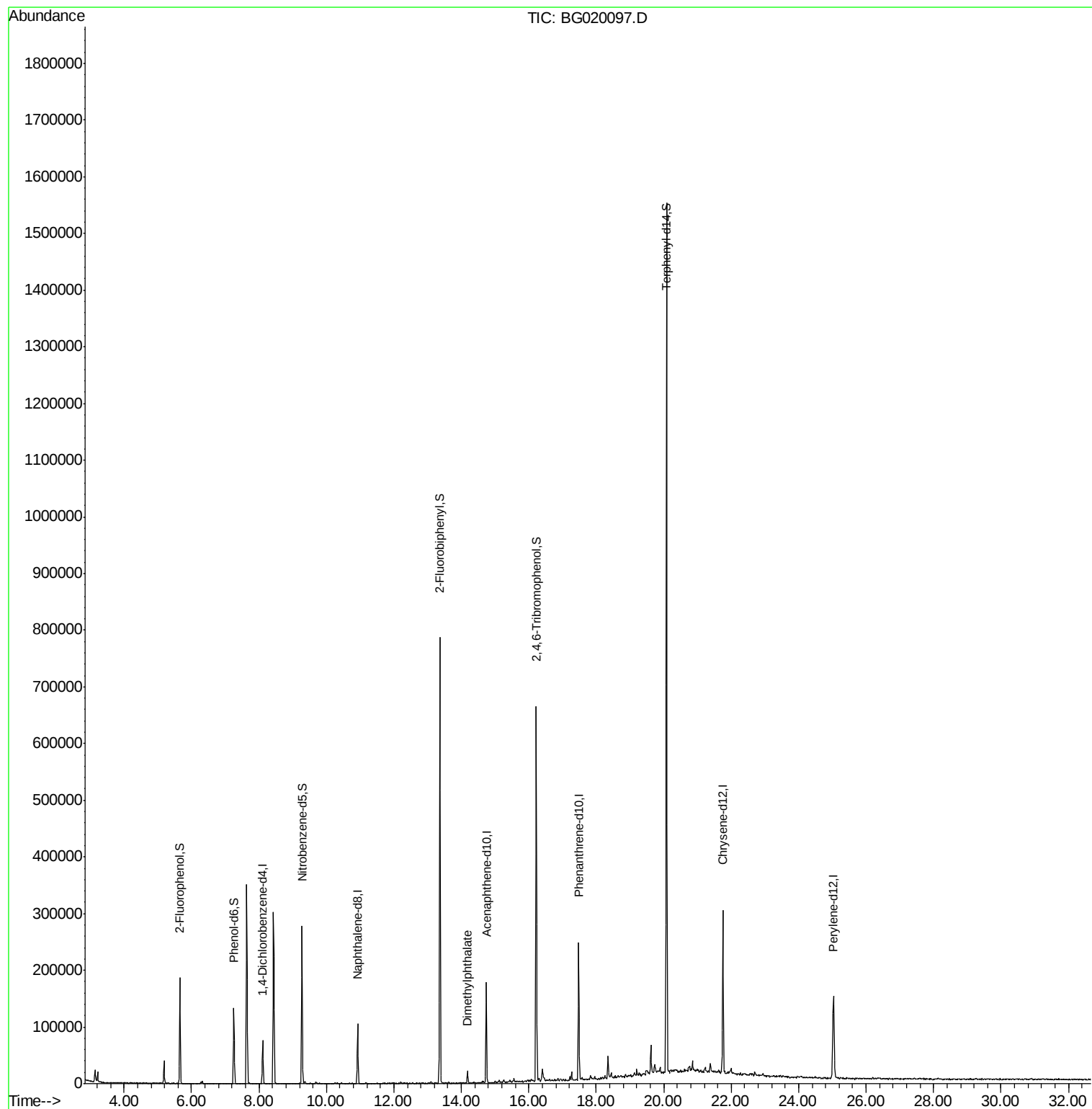
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	21011	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	89785	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	61478	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	145903	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	178834	20.00	ng	-0.04
86) Perylene-d12	25.04	264	167708	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	79983	68.80	ng	-0.01
7) Phenol-d6	7.26	99	76427	43.54	ng	-0.02
23) Nitrobenzene-d5	9.28	82	170608	96.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	127932	136.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	415669	92.32	ng	-0.02
78) Terphenyl-d14	20.08	244	655402	89.39	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	14159	2.56	ng	100

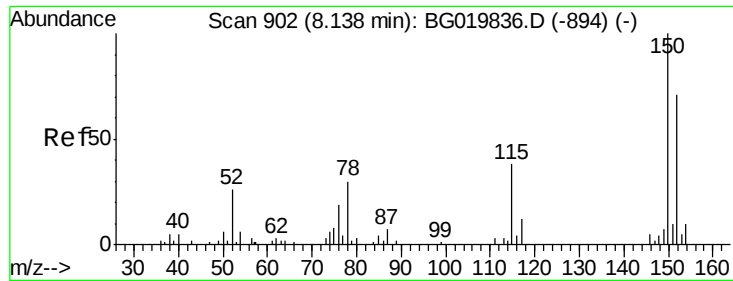
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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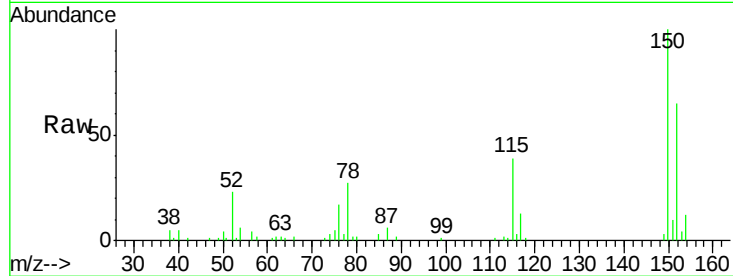


#1

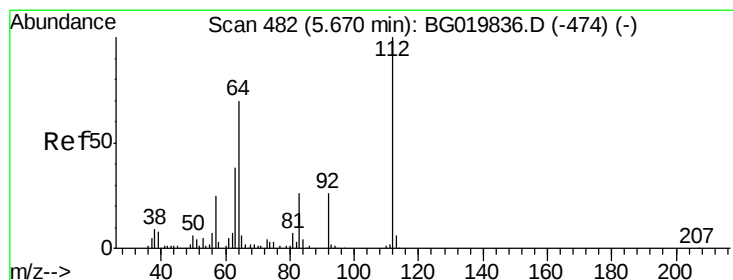
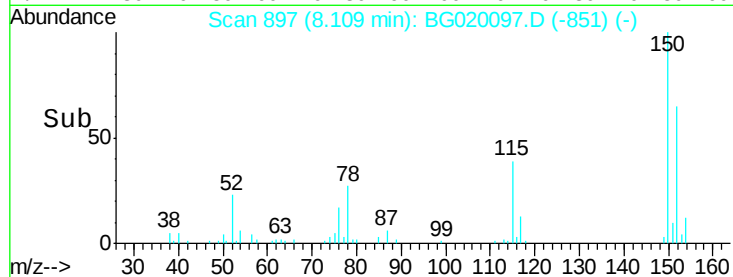
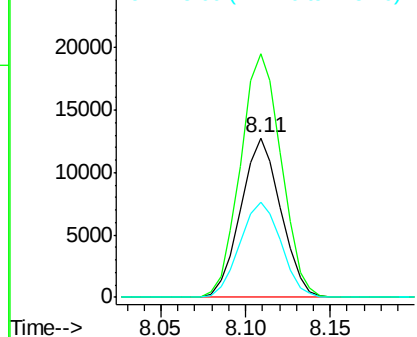
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020097.D
Acq: 11 Dec 2015 6:04

Instrument :
BNA_G
ClientSampled :
W-30

Tot Ion:152 Resp: 21011
Ion Ratio Lower Upper
152 100
150 153.0 115.0 172.4
115 59.8 43.9 65.9



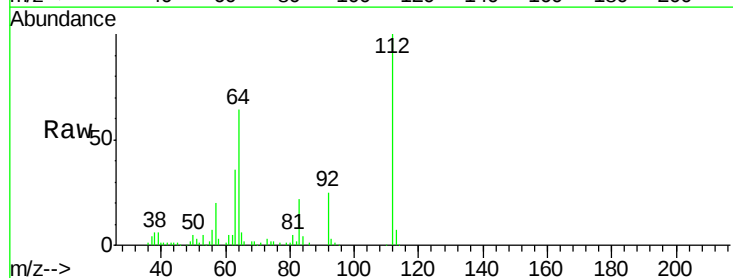
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



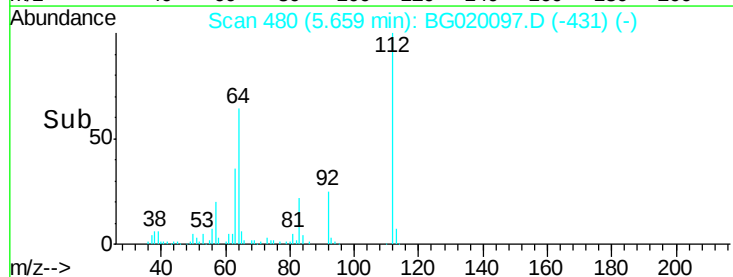
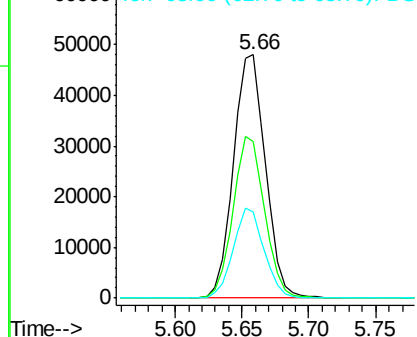
#5

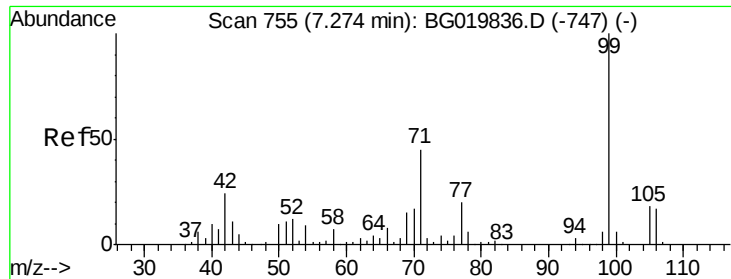
2-Fluorophenol
Concen: 68.80 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020097.D
Acq: 11 Dec 2015 6:04

Tgt Ion:112 Resp: 79983
Ion Ratio Lower Upper
112 100
64 64.4 43.7 65.5
63 35.7 24.0 36.0



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: 43.54 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020097.D

Acq: 11 Dec 2015 6:04

Instrument :

BNA_G

ClientSampleId :

W-30

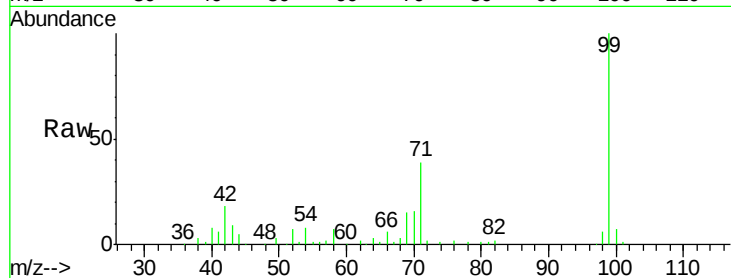
Tot Ion: 99 Resp: 76427

Ion Ratio Lower Upper

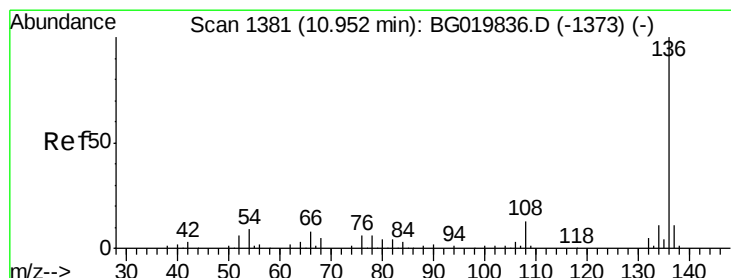
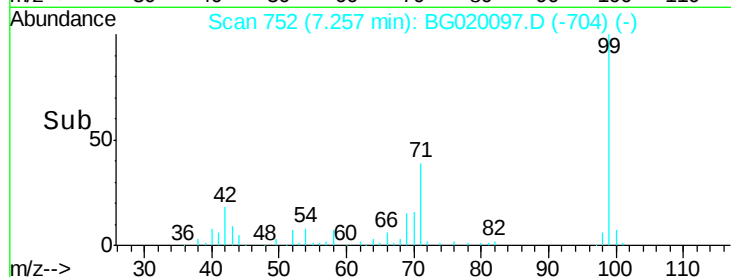
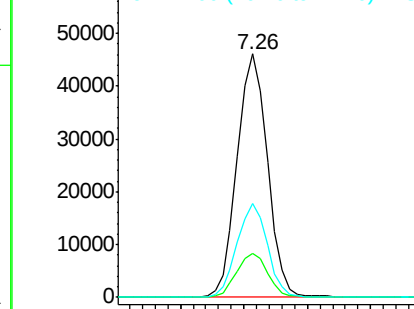
99 100

42 17.9 11.5 17.3#

71 38.8 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020097.D

Acq: 11 Dec 2015 6:04

Tgt Ion: 136 Resp: 89785

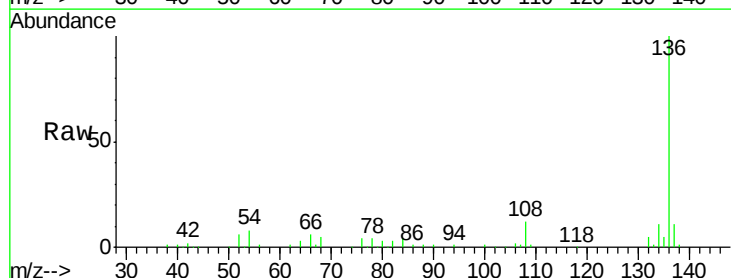
Ion Ratio Lower Upper

136 100

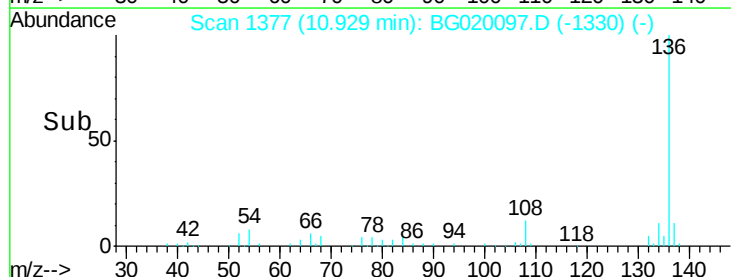
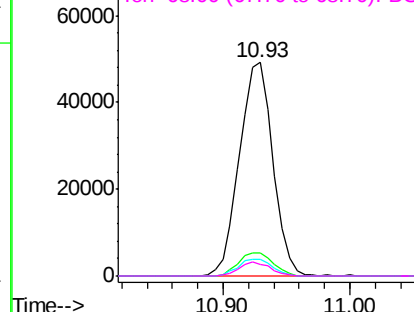
137 11.0 8.6 12.8

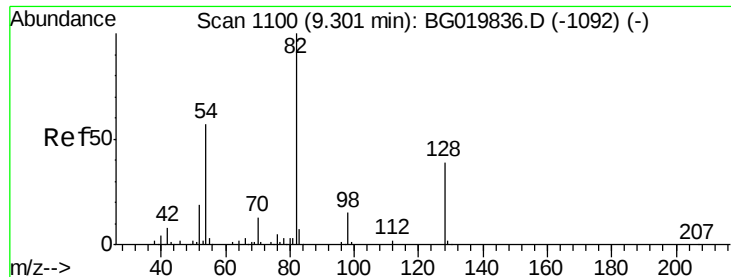
54 7.6 5.4 8.2

68 5.3 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

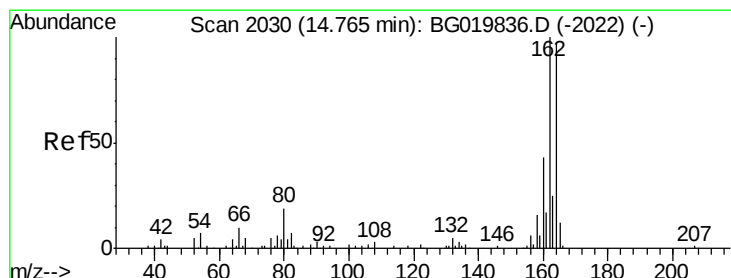
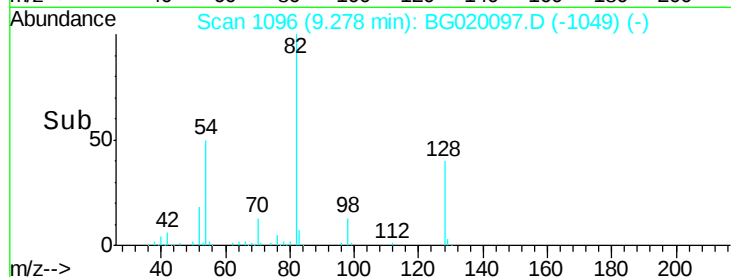
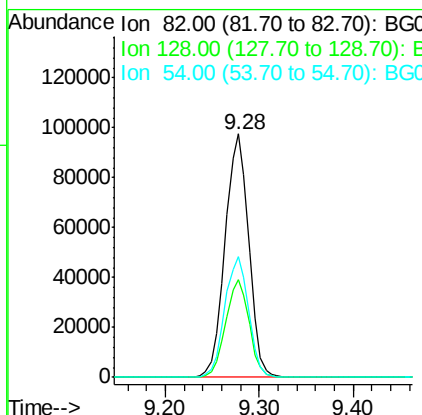
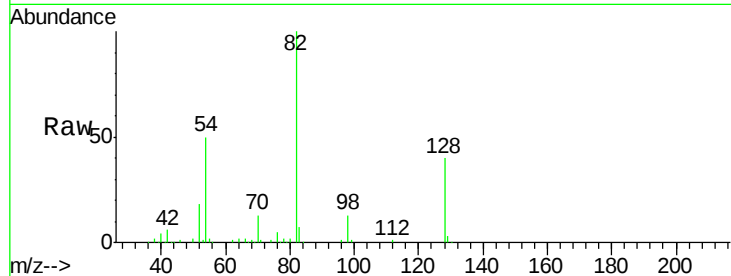




#23
 Nitrobenzene-d5
 Concen: 96.98 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020097.D
 Acq: 11 Dec 2015 6:04

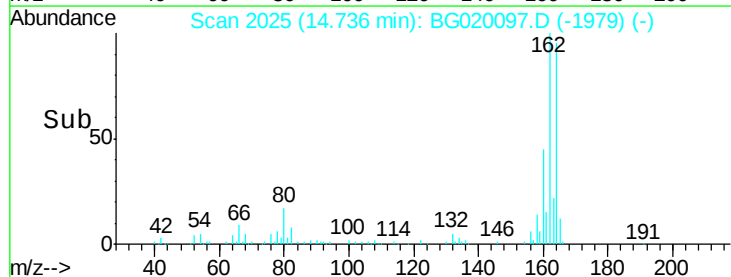
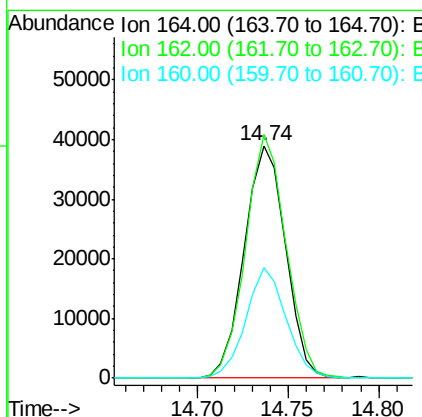
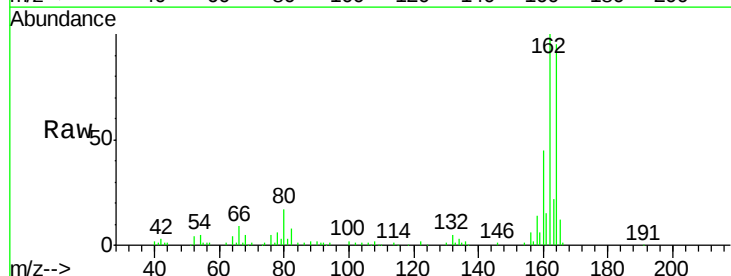
Instrument :
 BNA_G
 ClientSampleId :
 W-30

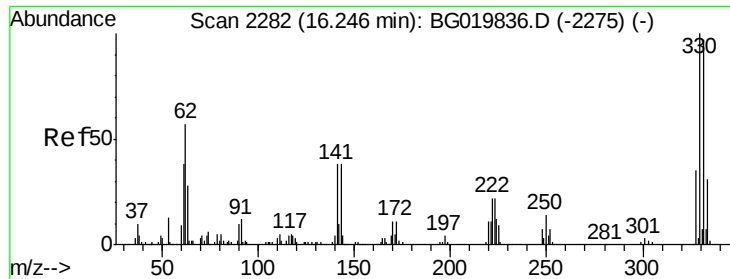
Tot Ion	82	Resp	170608
Ion Ratio	100	Lower	Upper
128	39.9	36.7	55.1
54	49.8	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020097.D
 Acq: 11 Dec 2015 6:04

Tgt Ion	164	Resp	61478
Ion Ratio	100	Lower	Upper
162	104.9	78.8	118.2
160	47.7	36.4	54.6

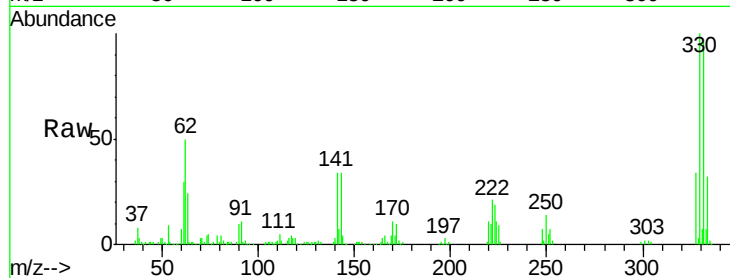




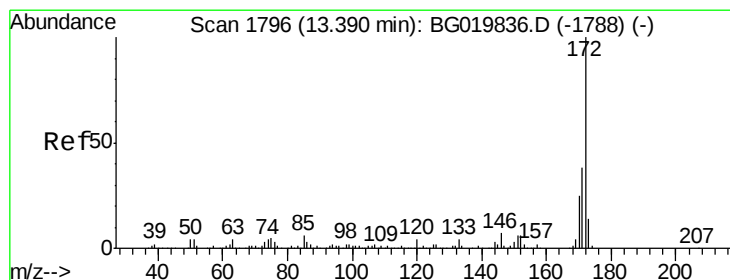
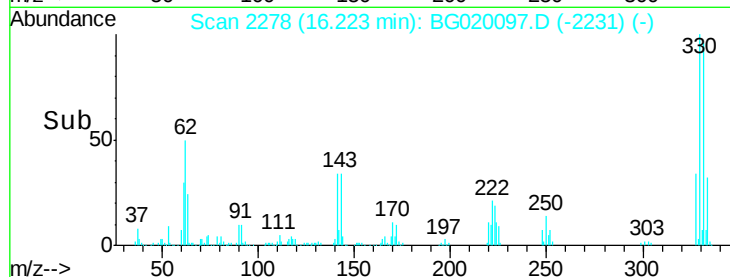
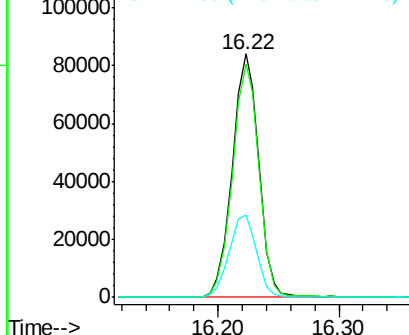
#41
 2,4,6-Tribromophenol
 Concen: 136.00 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020097.D
 Acq: 11 Dec 2015 6:04

Instrument :
 BNA_G
 ClientSampleId :
 W-30

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.1	117.1
141	35.4	28.2	42.2

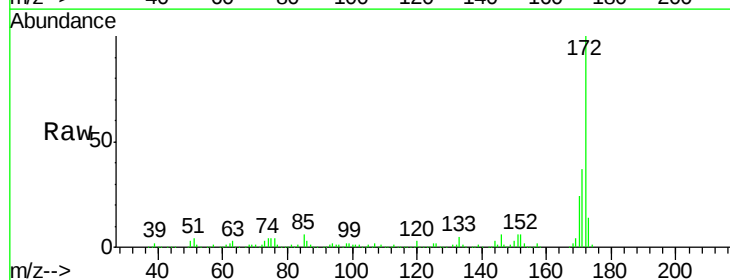


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

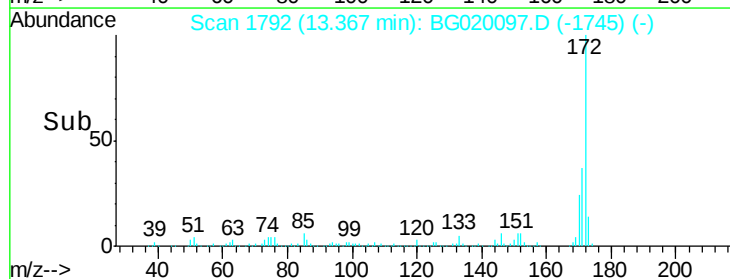
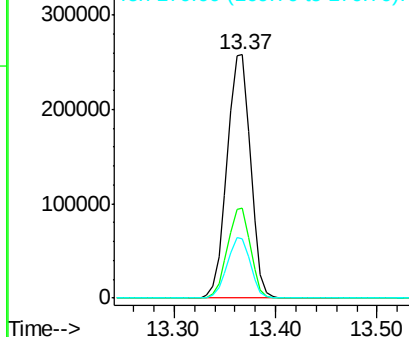


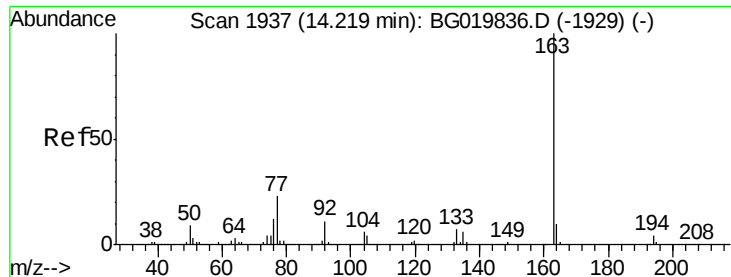
#44
 2-Fluorobiphenyl
 Concen: 92.32 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020097.D
 Acq: 11 Dec 2015 6:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	24.2	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: 2.56 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG020097.D

Acq: 11 Dec 2015 6:04

Instrument :

BNA_G

ClientSampleId :

W-30

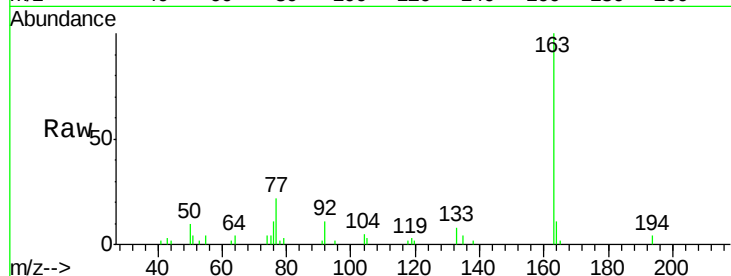
Tot Ion:163 Resp: 14159

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

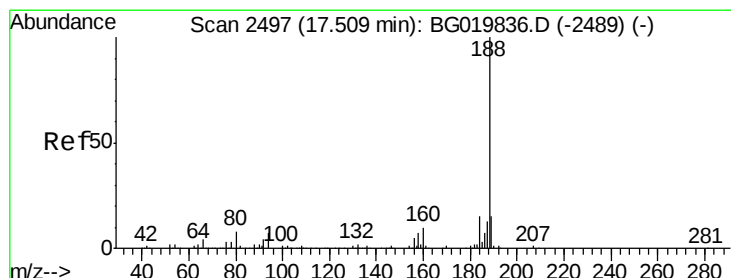
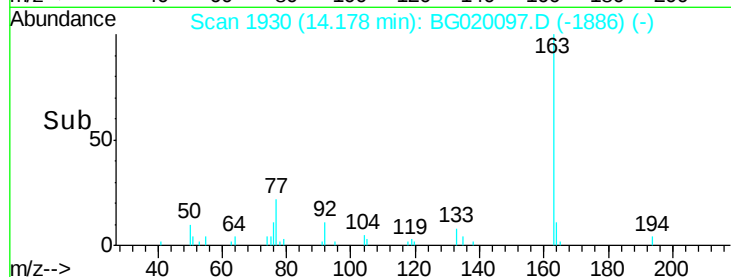
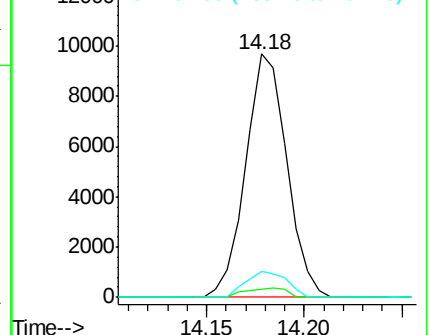
164 10.9 8.8 13.2



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: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020097.D

Acq: 11 Dec 2015 6:04

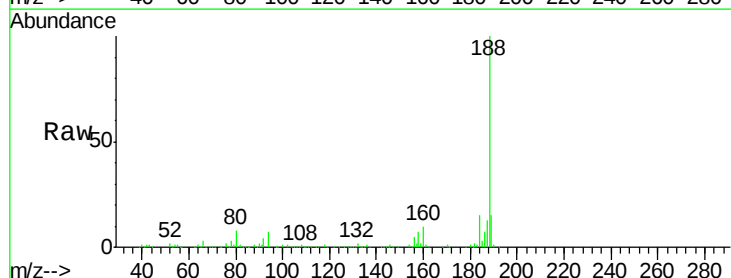
Tgt Ion:188 Resp: 145903

Ion Ratio Lower Upper

188 100

94 6.5 7.7 11.5#

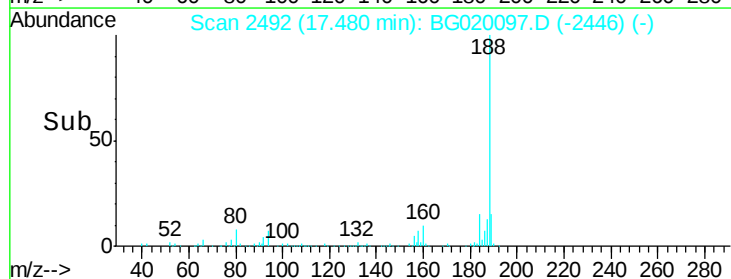
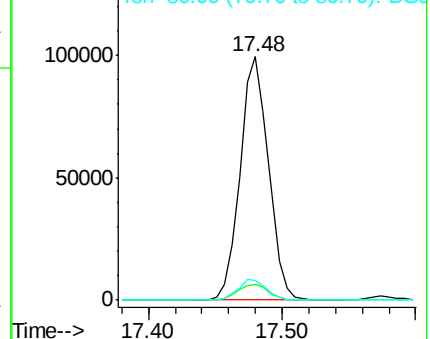
80 8.0 7.8 11.8

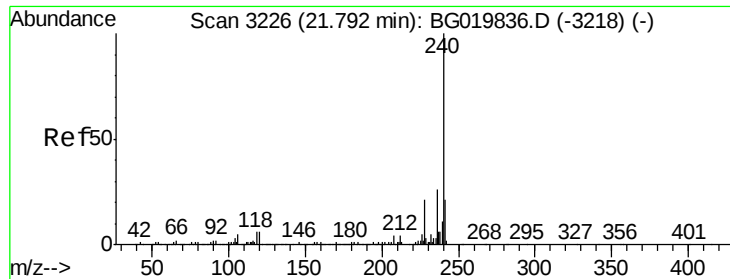


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

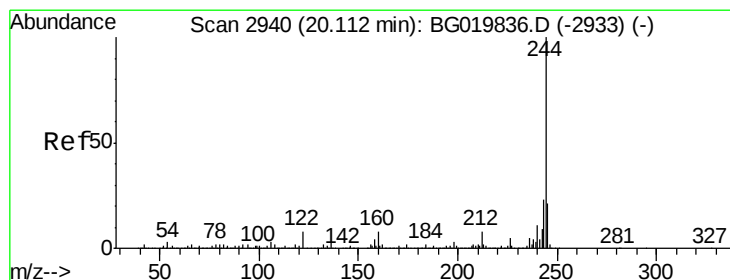
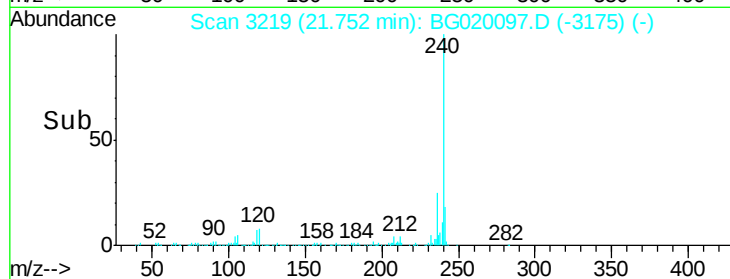
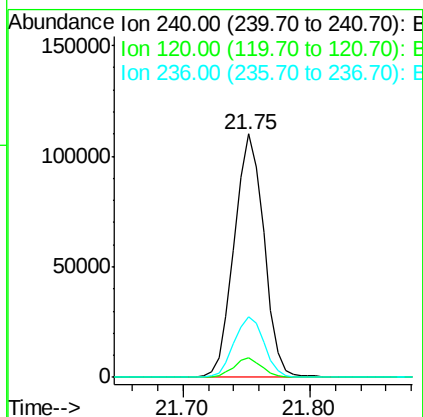
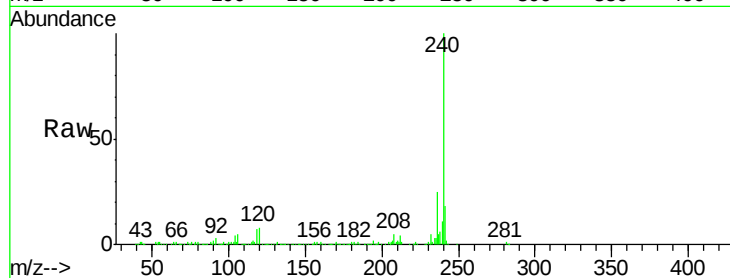




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020097.D
Acq: 11 Dec 2015 6:04

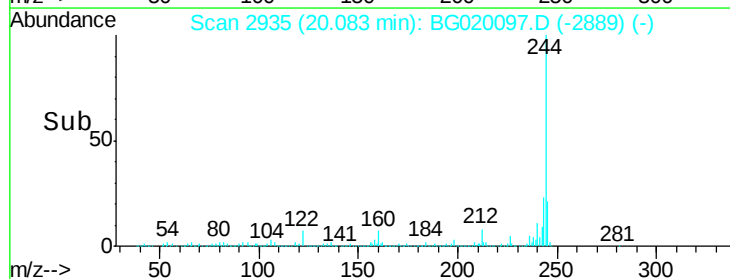
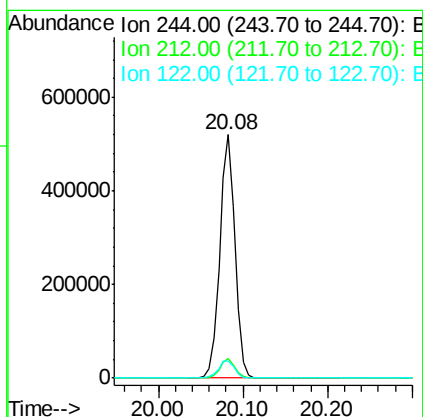
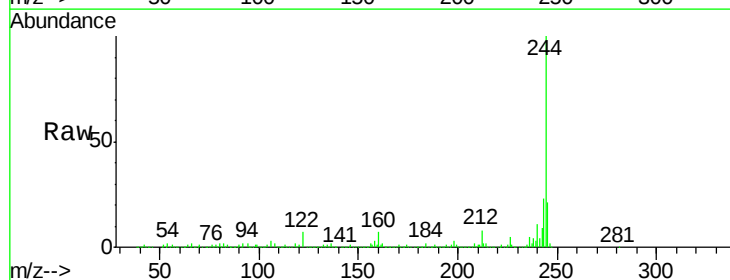
Instrument :
BNA_G
ClientSampled :
W-30

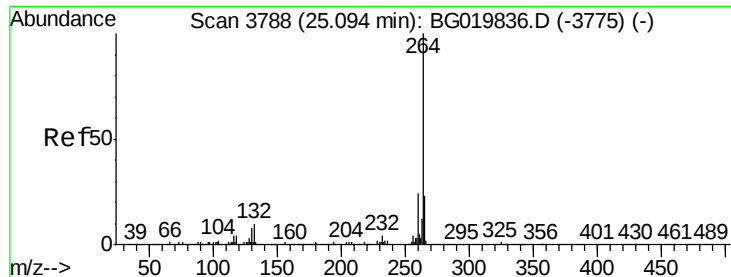
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.4	11.0
236	25.1	20.7	31.1



#78
Terphenyl-d14
Concen: 89.39 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020097.D
Acq: 11 Dec 2015 6:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	7.2	10.2	15.2#

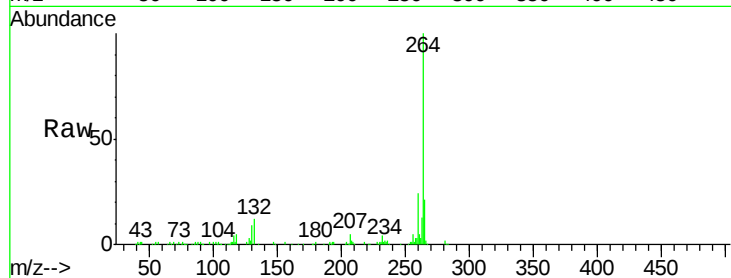




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020097.D
Acq: 11 Dec 2015 6:04

Instrument :
BNA_G
ClientSampleId :
W-30

Tot Ion:	264	Resp:	167708
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.3	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

