

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019912.D
 Acq On : 4 Dec 2015 19:47
 Operator : UM/NP
 Sample : G4642-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD120215

Quant Time: Dec 04 23:56:13 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	27911	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	124534	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	91806	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	228672	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	274574	20.00	ng	-0.03
86) Perylene-d12	25.05	264	260187	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	85899	55.62	ng	-0.01
7) Phenol-d6	7.26	99	76950	33.00	ng	-0.02
23) Nitrobenzene-d5	9.28	82	242034	99.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	182785	130.12	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	612102	91.04	ng	-0.02
78) Terphenyl-d14	20.09	244	945180	83.96	ng	-0.02

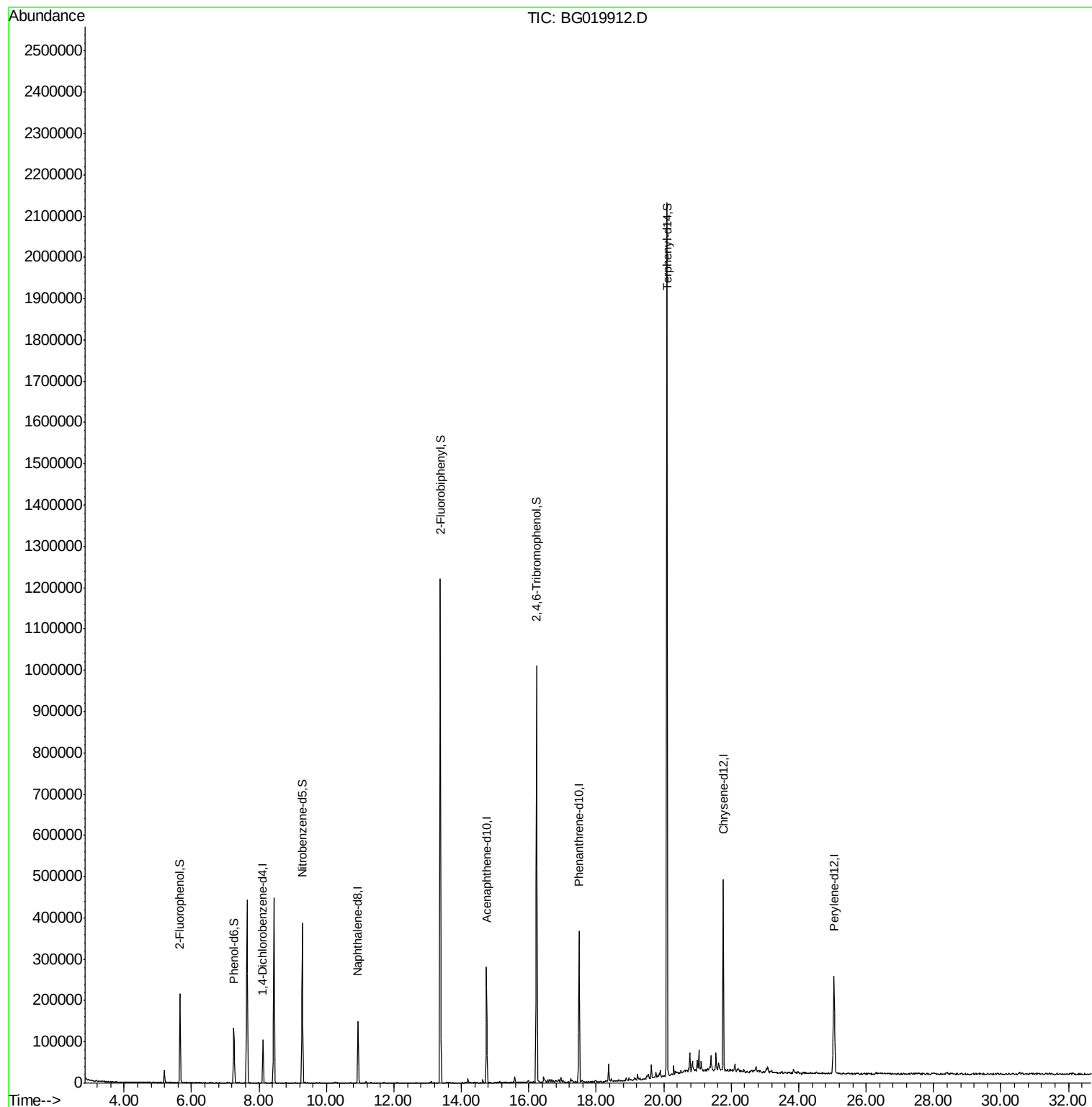
Target Compounds Qvalue

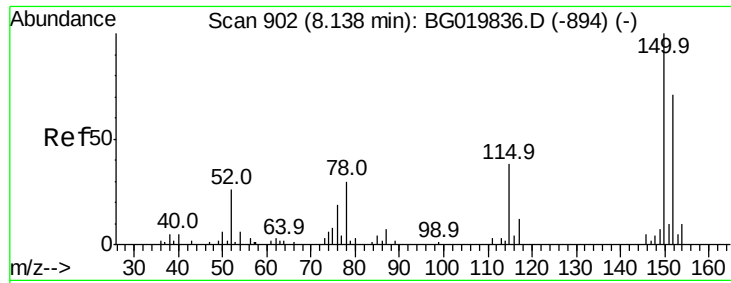
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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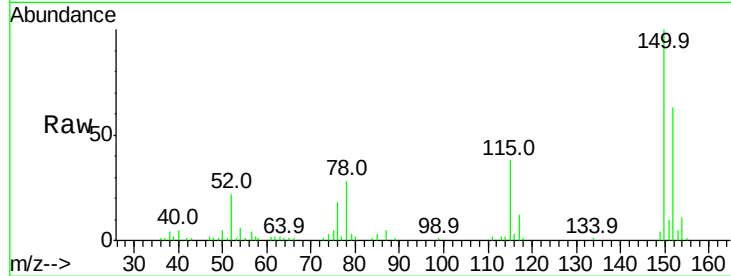


#1

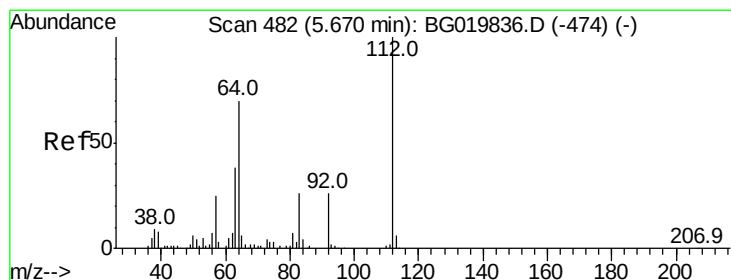
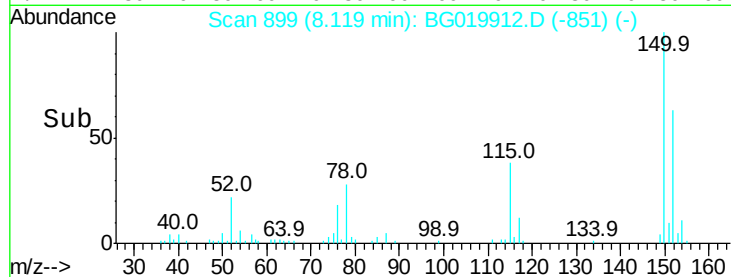
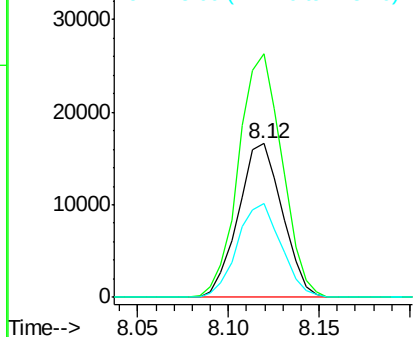
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019912.D
Acq: 4 Dec 2015 19:47

Instrument :
BNA_G
ClientSampleId :
FD120215

Tot Ion:152 Resp: 27911
Ion Ratio Lower Upper
152 100
150 158.4 115.0 172.4
115 60.9 43.9 65.9



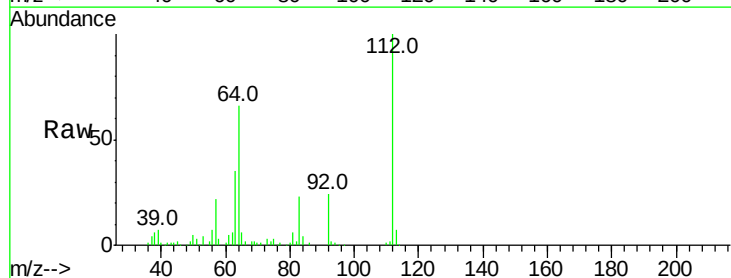
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



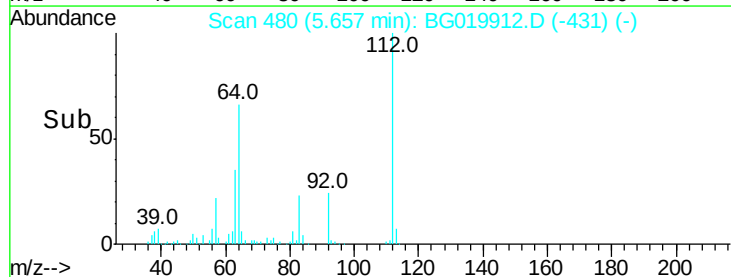
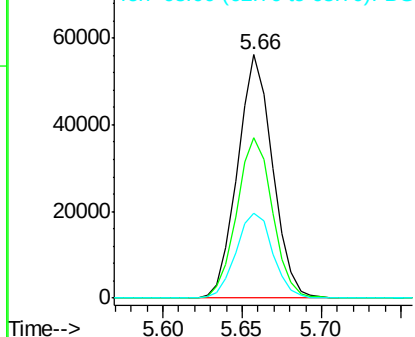
#5

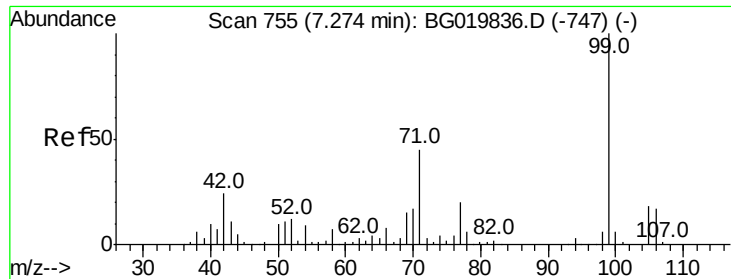
2-Fluorophenol
Concen: 55.62 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019912.D
Acq: 4 Dec 2015 19:47

Tgt Ion:112 Resp: 85899
Ion Ratio Lower Upper
112 100
64 66.0 43.7 65.5#
63 34.6 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: 33.00 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

FD120215

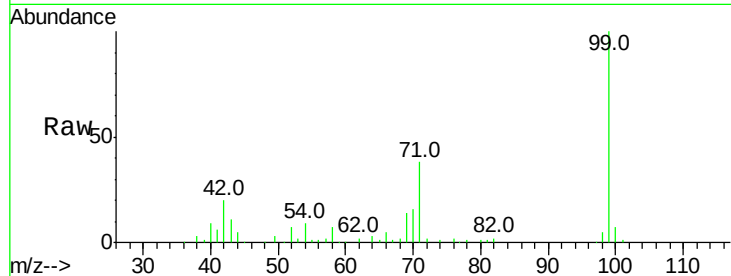
Tot Ion: 99 Resp: 76950

Ion Ratio Lower Upper

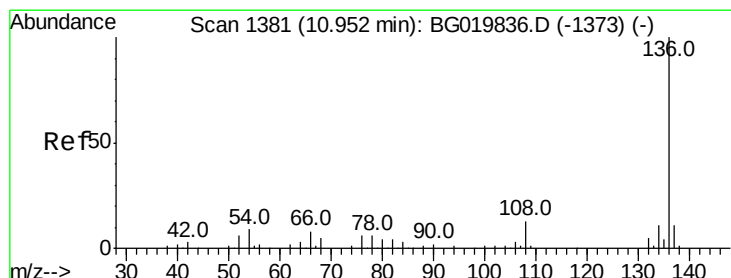
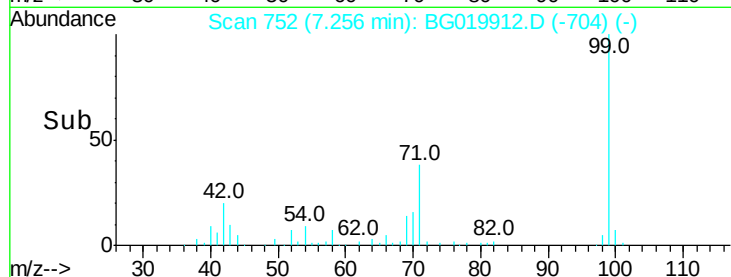
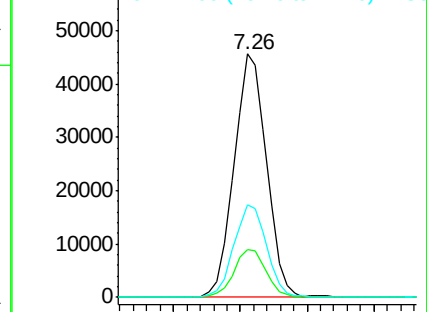
99 100

42 19.6 11.5 17.3#

71 37.8 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# 1378

Delta R.T. -0.02 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

Tgt Ion: 136 Resp: 124534

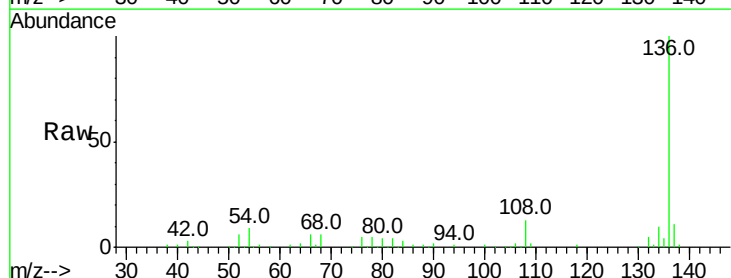
Ion Ratio Lower Upper

136 100

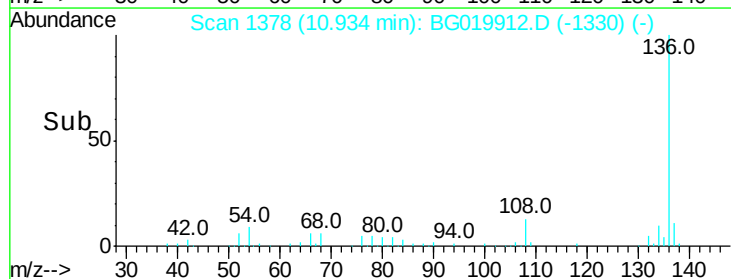
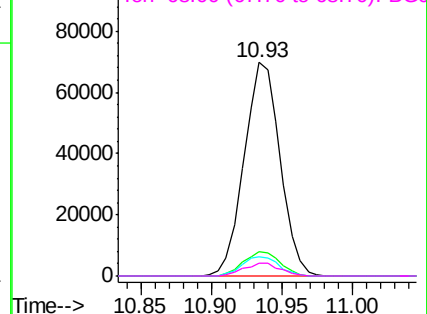
137 11.5 8.6 12.8

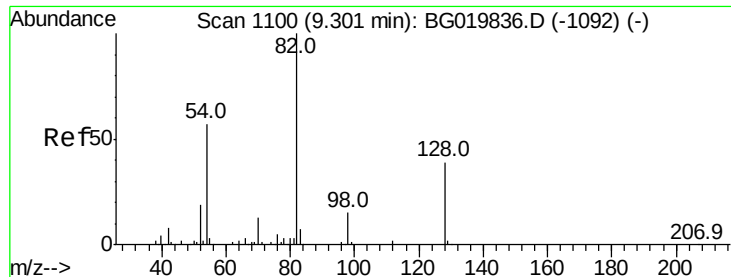
54 8.8 5.4 8.2#

68 5.9 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

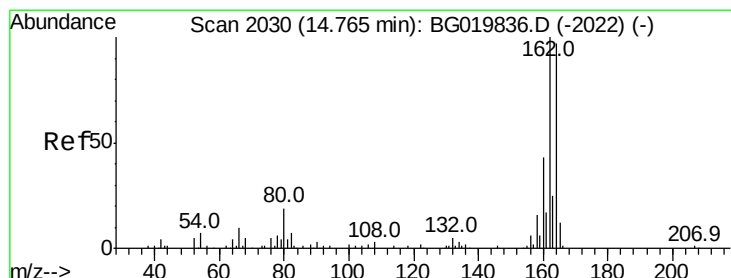
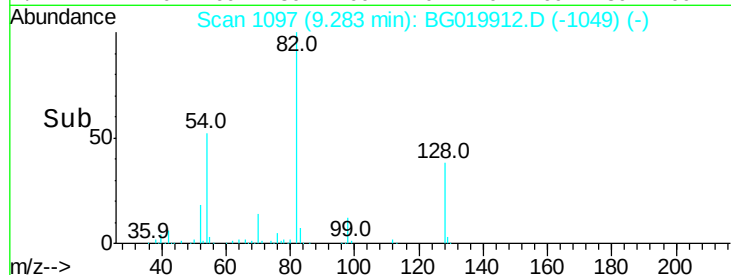
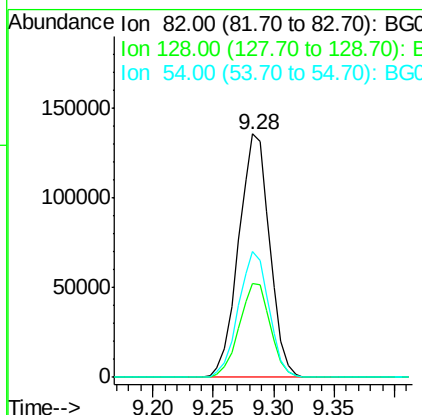
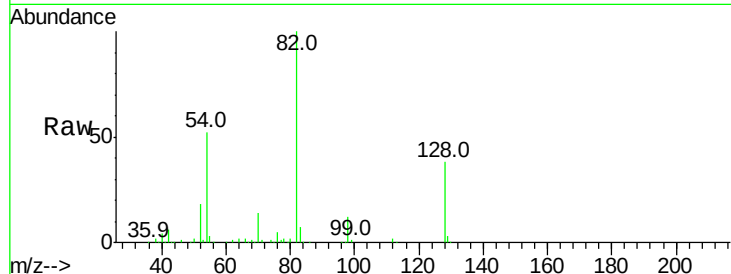




#23
Nitrobenzene-d5
Concen: 99.19 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019912.D
Acq: 4 Dec 2015 19:47

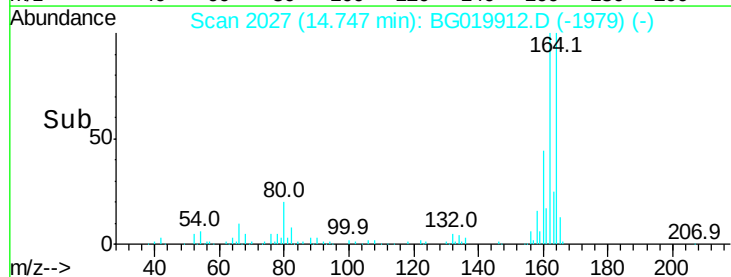
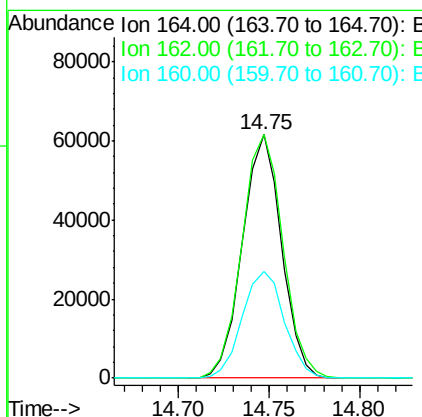
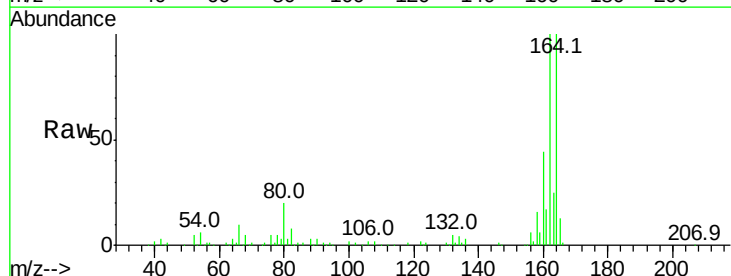
Instrument :
BNA_G
ClientSampleId :
FD120215

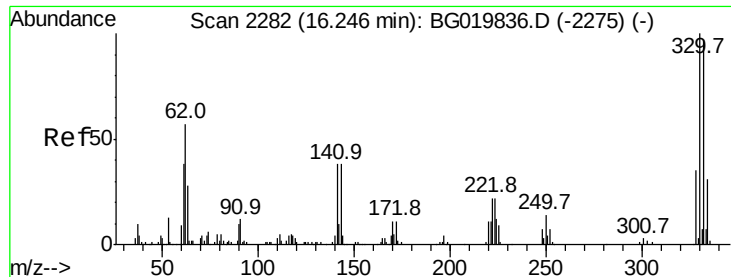
Tot Ion: 82 Resp: 242034
Ion Ratio Lower Upper
82 100
128 38.4 36.7 55.1
54 51.8 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019912.D
Acq: 4 Dec 2015 19:47

Tgt Ion: 164 Resp: 91806
Ion Ratio Lower Upper
164 100
162 100.0 78.8 118.2
160 44.0 36.4 54.6

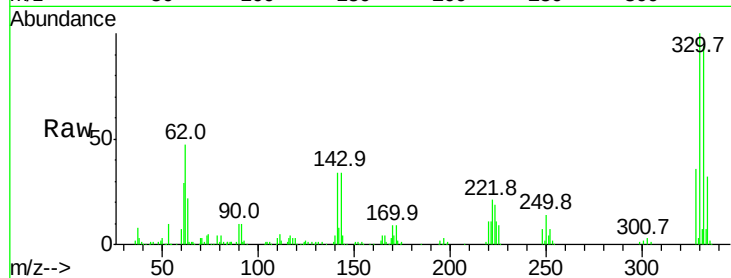




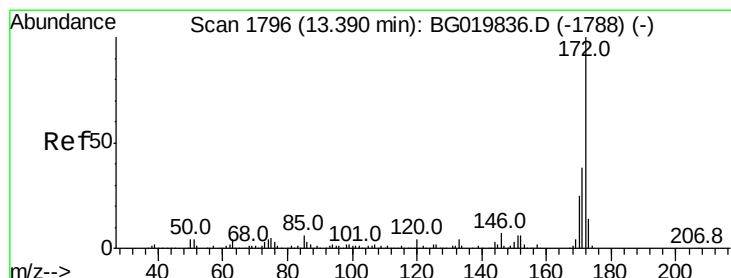
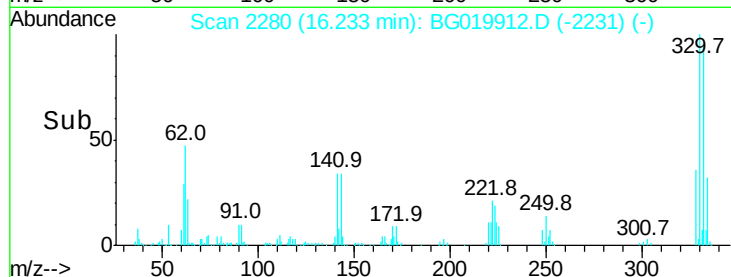
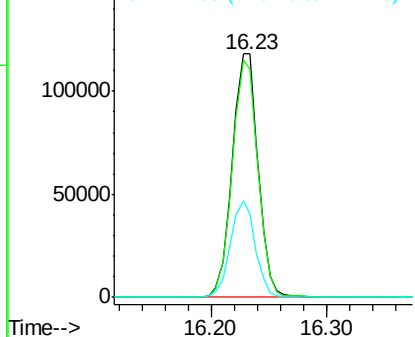
#41
 2,4,6-Tribromophenol
 Concen: 130.12 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019912.D
 Acq: 4 Dec 2015 19:47

Instrument :
 BNA_G
 ClientSampleId :
 FD120215

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	38.2	28.2	42.2

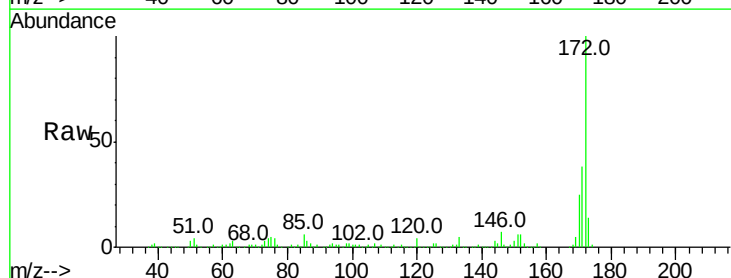


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

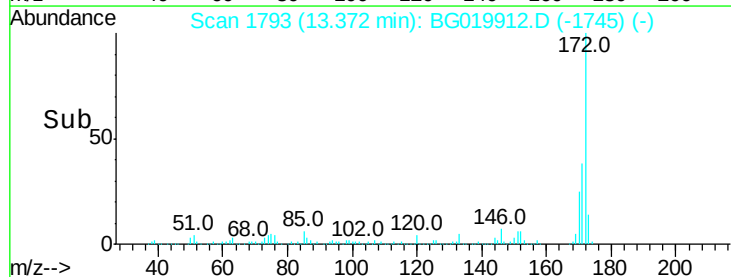
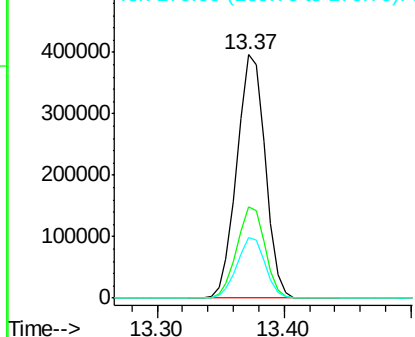


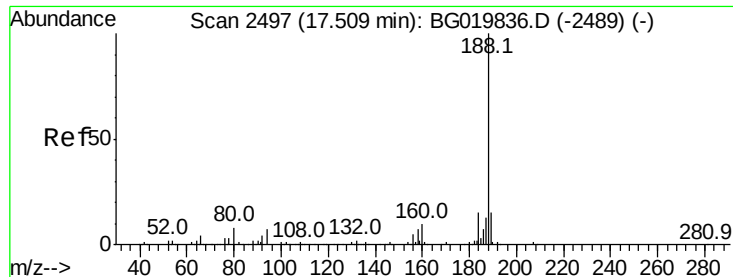
#44
 2-Fluorobiphenyl
 Concen: 91.04 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019912.D
 Acq: 4 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	25.0	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

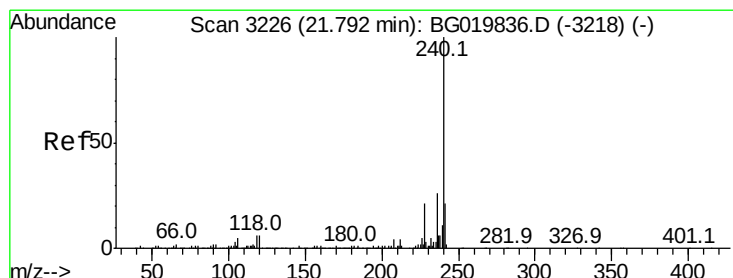
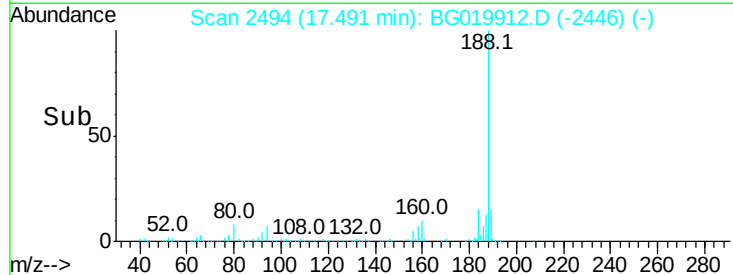
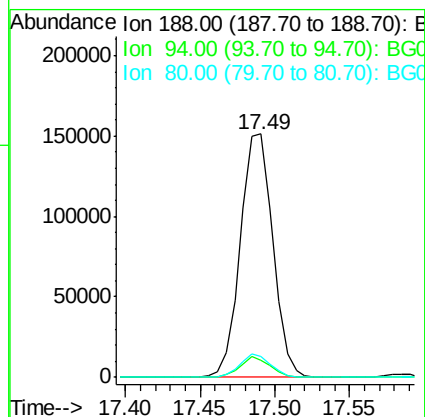
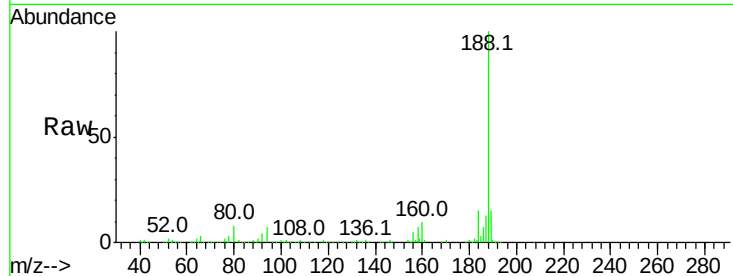




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BG019912.D
 Acq: 4 Dec 2015 19:47

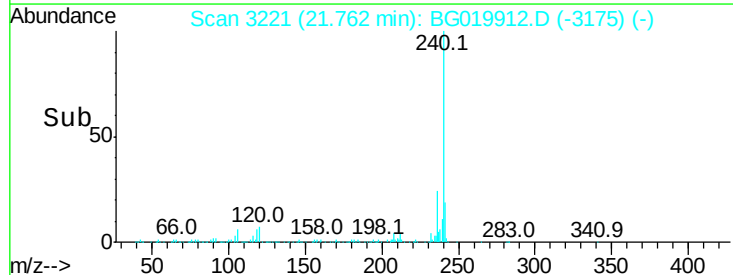
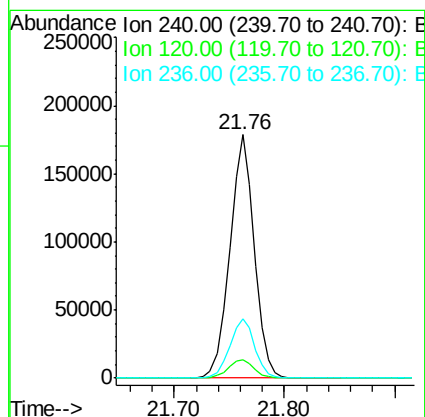
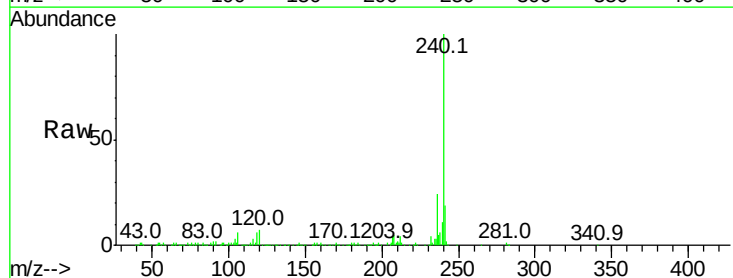
Instrument :
 BNA_G
 ClientSampleId :
 FD120215

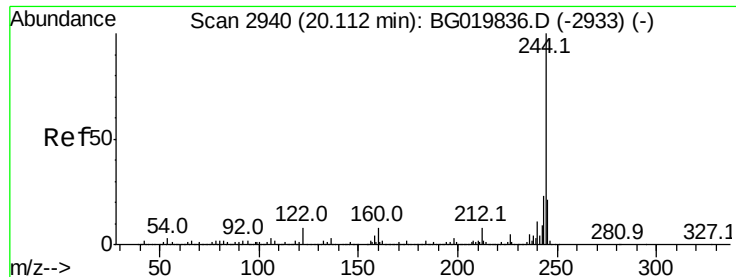
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.7	11.5#
80	8.4	7.8	11.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BG019912.D
 Acq: 4 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.4	11.0
236	24.5	20.7	31.1





#78

Terphenyl-d14

Concen: 83.96 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

FD120215

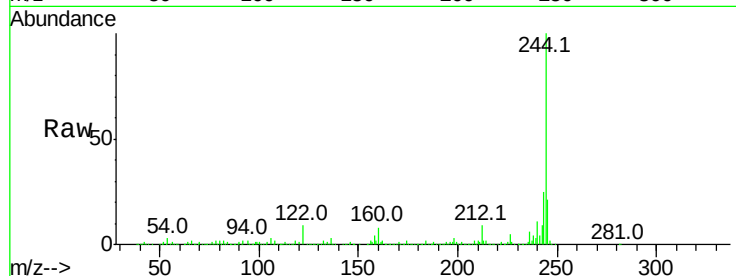
Tot Ion:244 Resp: 945180

Ion Ratio Lower Upper

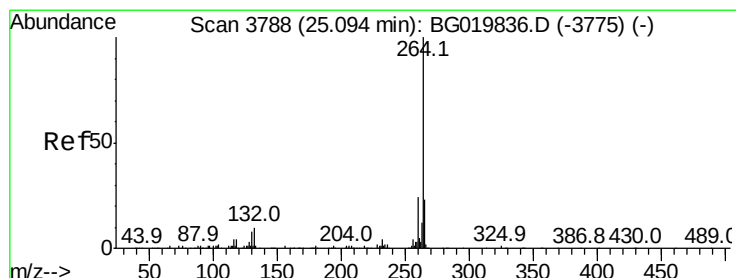
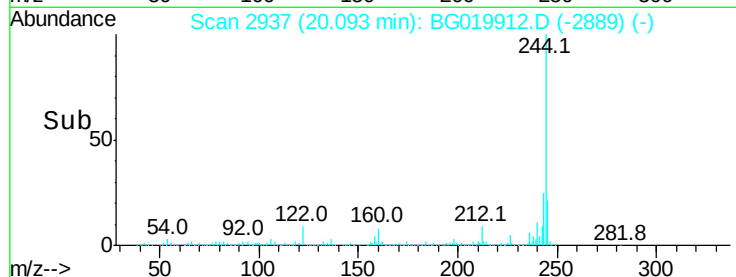
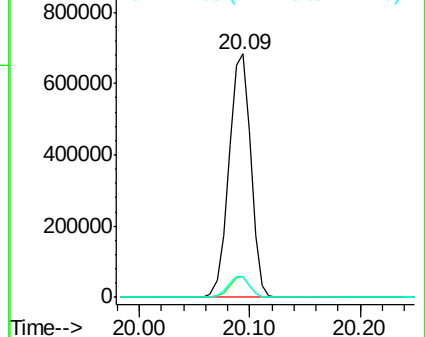
244 100

212 8.6 6.9 10.3

122 8.6 10.2 15.2#



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: 25.05 min Scan# 3780

Delta R.T. -0.05 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

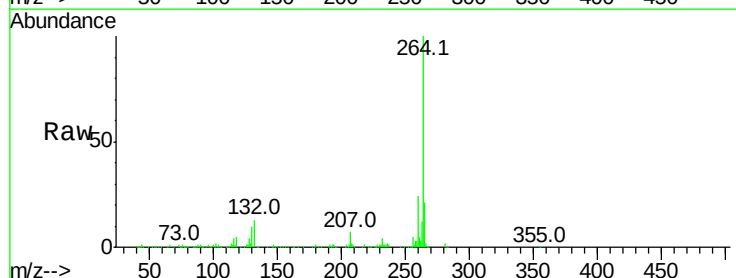
Tgt Ion:264 Resp: 260187

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 20.8 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

