

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019914.D
 Acq On : 4 Dec 2015 21:04
 Operator : UM/NP
 Sample : G4642-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-11

Quant Time: Dec 04 22:21:33 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

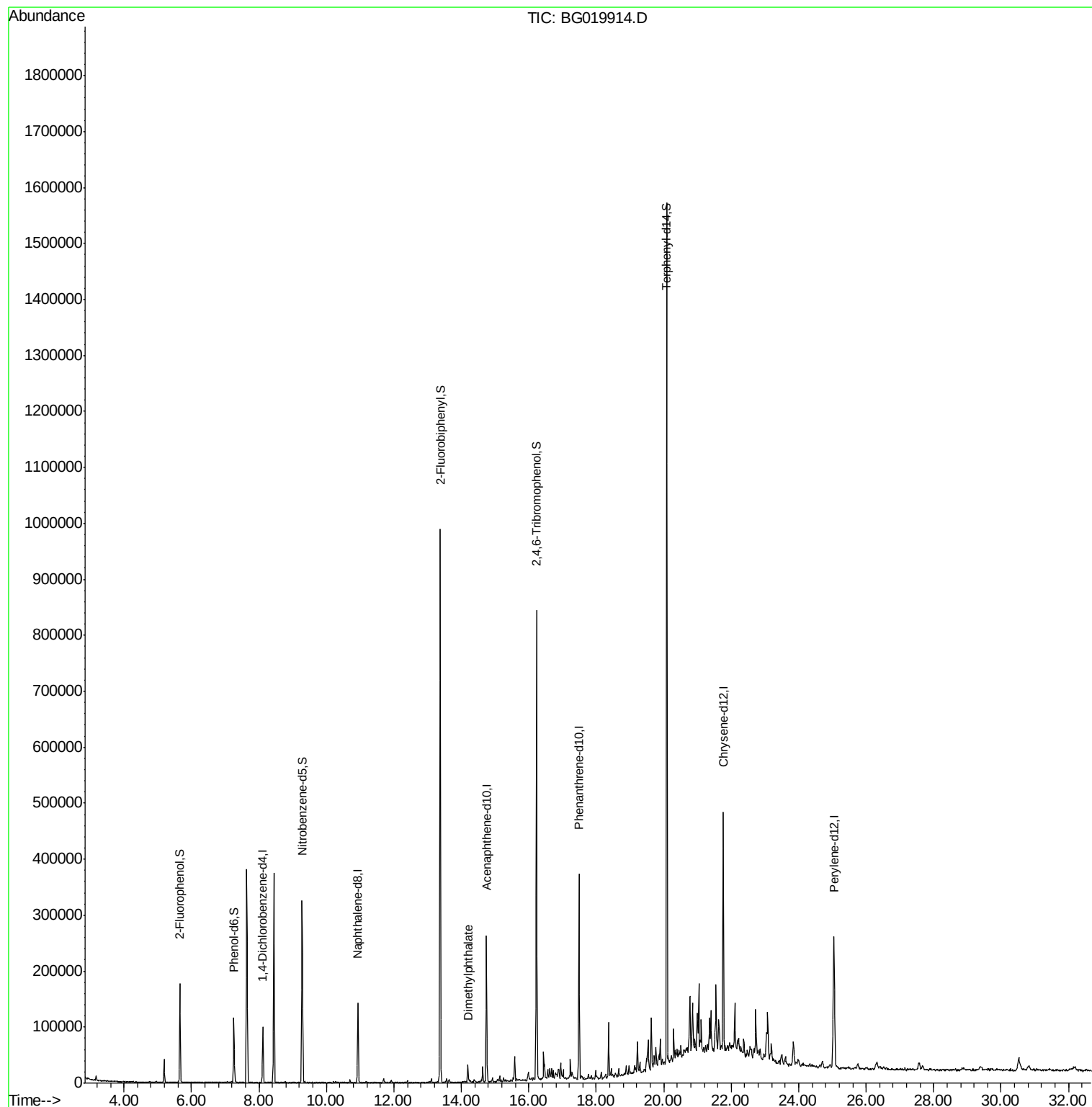
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25798	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	120284	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	88867	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	222046	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	265698	20.00	ng	-0.03
86) Perylene-d12	25.04	264	257357	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74531	52.21	ng	0.00
7) Phenol-d6	7.26	99	64797	30.07	ng	-0.01
23) Nitrobenzene-d5	9.28	82	203084	86.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	151128	111.15	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	516953	79.43	ng	-0.01
78) Terphenyl-d14	20.09	244	673404	61.82	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.19	163	18533	2.32	ng	Qvalue 99

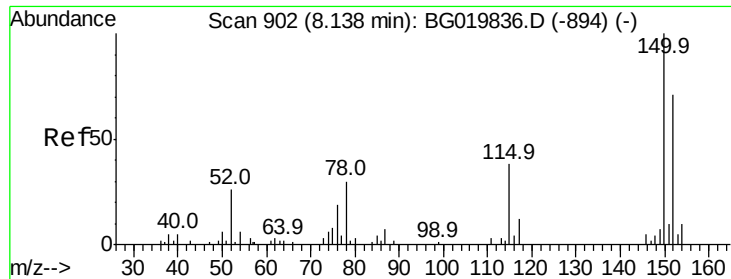
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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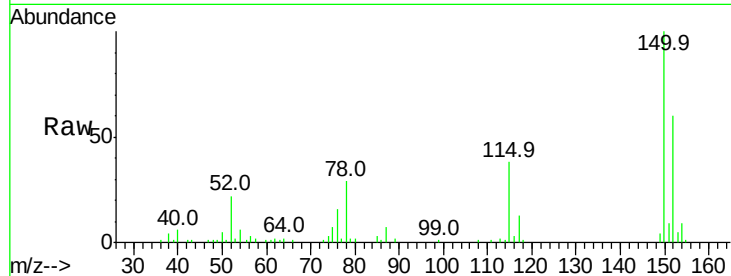


#1

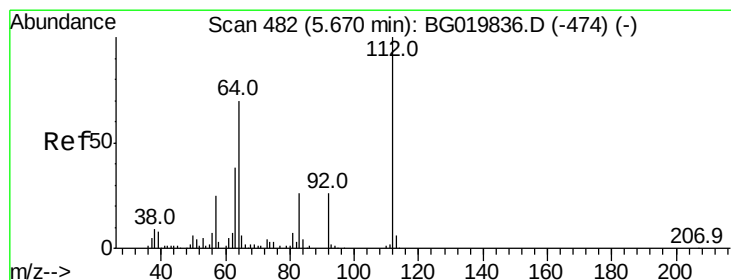
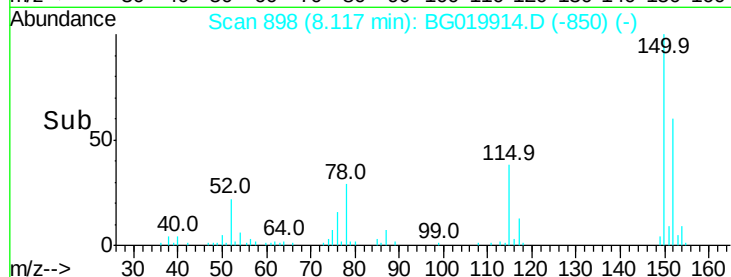
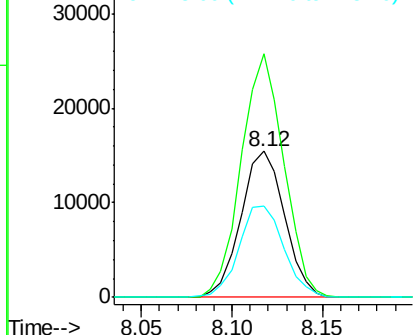
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019914.D
Acq: 4 Dec 2015 21:04

Instrument :
BNA_G
ClientSampleId :
TW-11

Tot Ion:152 Resp: 25798
Ion Ratio Lower Upper
152 100
150 167.1 115.0 172.4
115 62.9 43.9 65.9



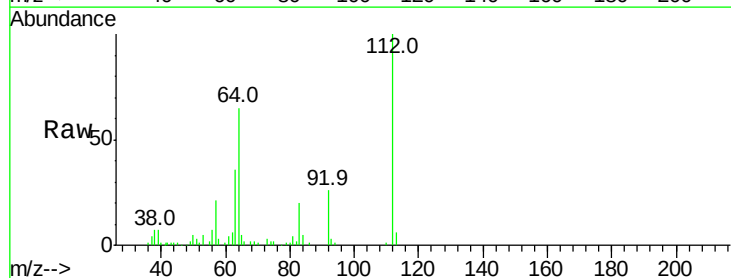
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



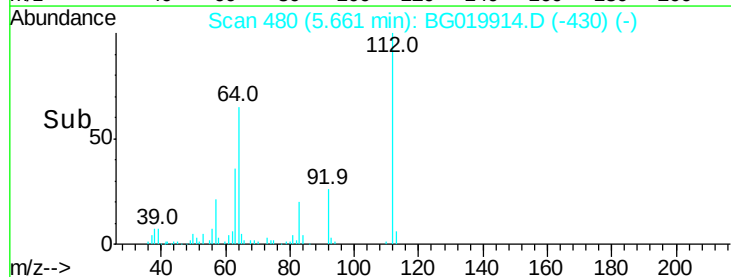
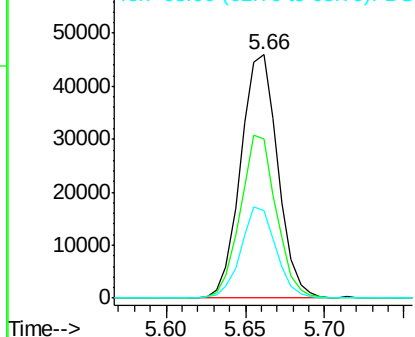
#5

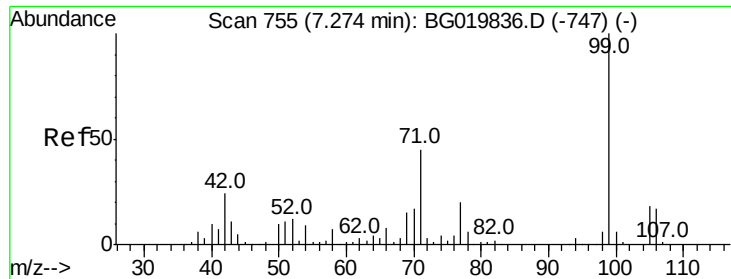
2-Fluorophenol
Concen: 52.21 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019914.D
Acq: 4 Dec 2015 21:04

Tgt Ion:112 Resp: 74531
Ion Ratio Lower Upper
112 100
64 65.2 43.7 65.5
63 35.8 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.07 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019914.D

Acq: 4 Dec 2015 21:04

Instrument :

BNA_G

ClientSampled :

TW-11

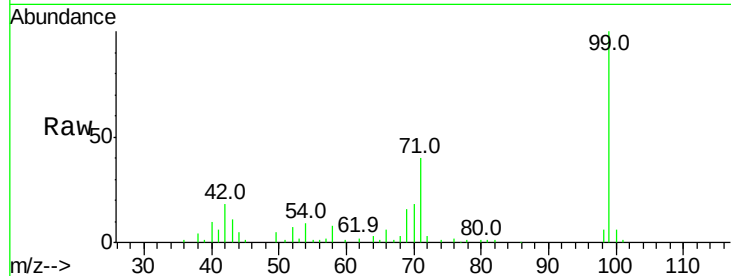
Tot Ion: 99 Resp: 64797

Ion Ratio Lower Upper

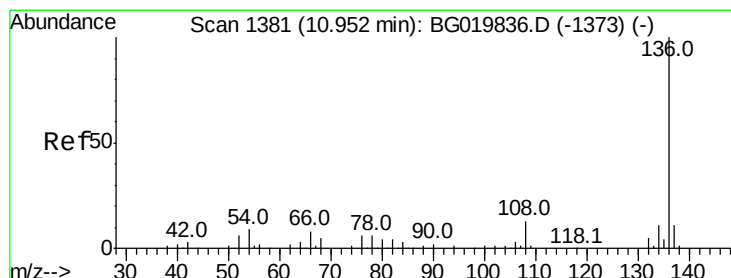
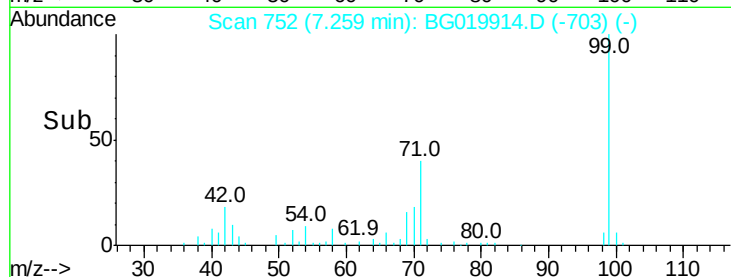
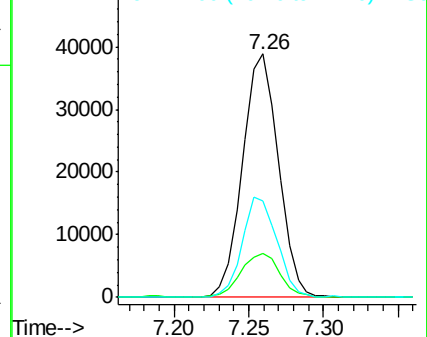
99 100

42 18.2 11.5 17.3#

71 39.8 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: 10.94 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BG019914.D

Acq: 4 Dec 2015 21:04

Tgt Ion: 136 Resp: 120284

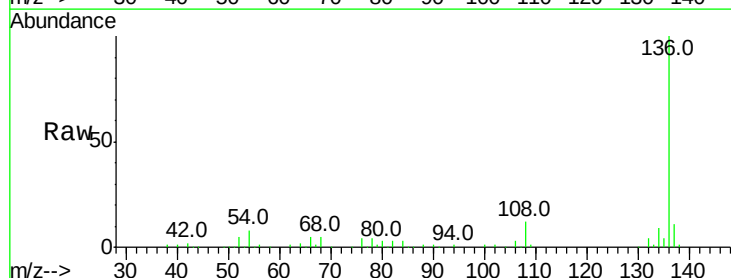
Ion Ratio Lower Upper

136 100

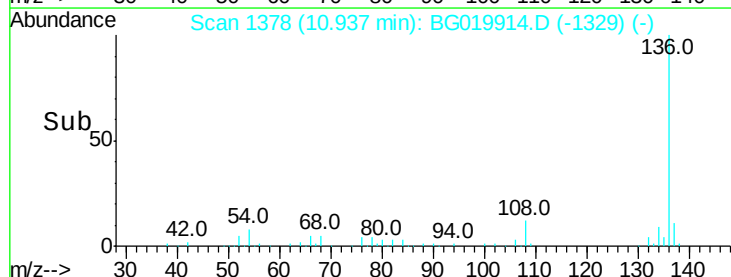
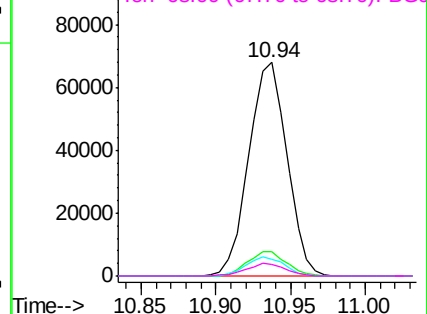
137 11.4 8.6 12.8

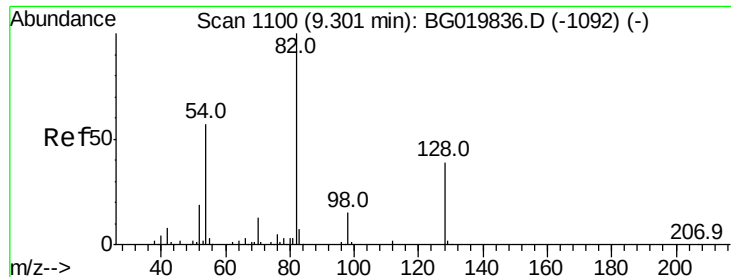
54 7.9 5.4 8.2

68 5.5 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

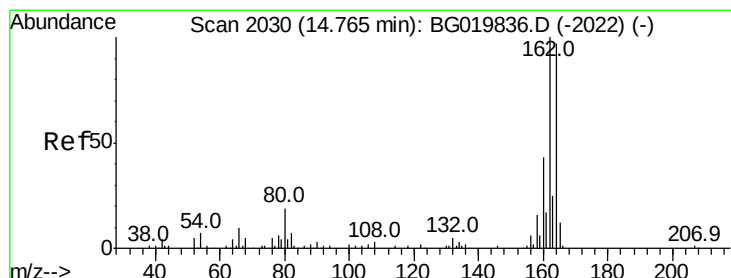
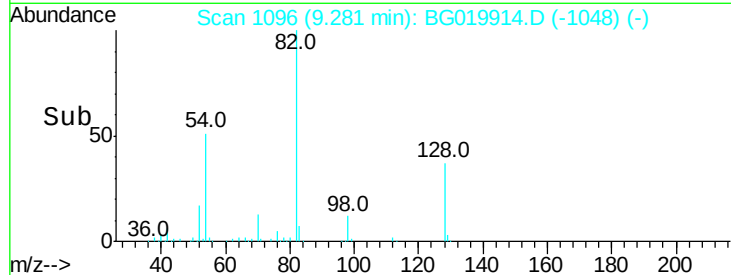
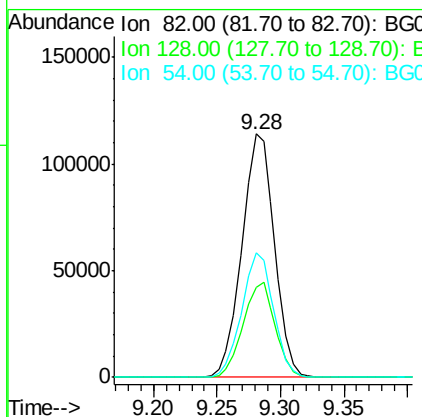
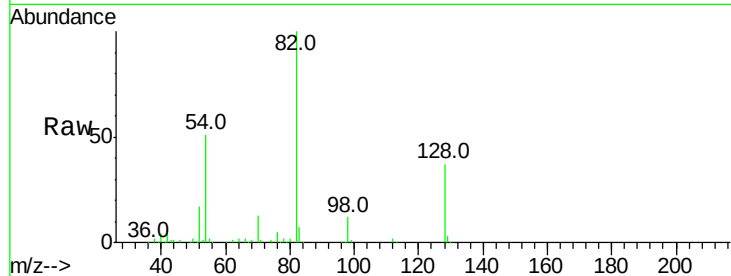




#23
 Nitrobenzene-d5
 Concen: 86.17 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019914.D
 Acq: 4 Dec 2015 21:04

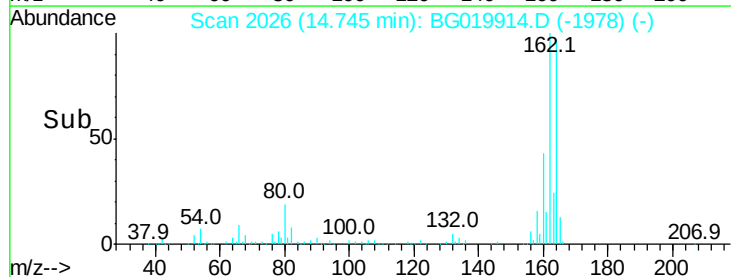
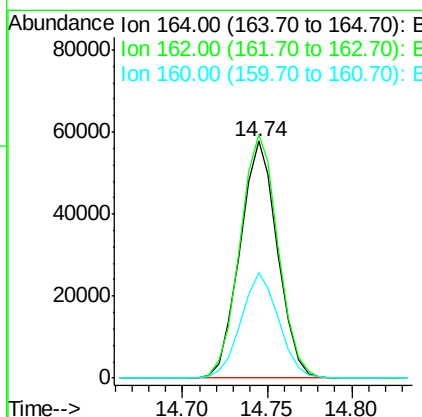
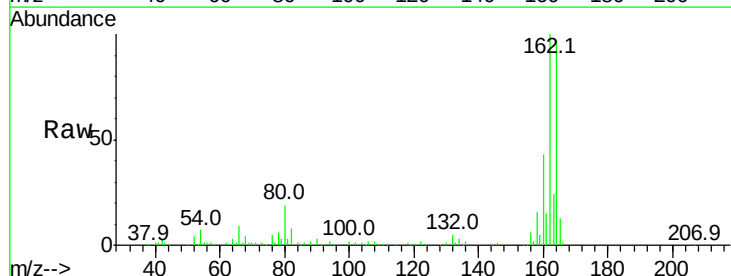
Instrument :
 BNA_G
 ClientSampleID :
 TW-11

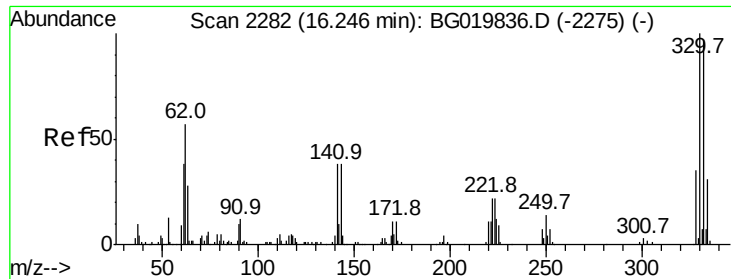
Tot Ion: 82 Resp: 203084
 Ion Ratio Lower Upper
 82 100
 128 36.8 36.7 55.1
 54 51.4 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019914.D
 Acq: 4 Dec 2015 21:04

Tgt Ion:164 Resp: 88867
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 44.4 36.4 54.6

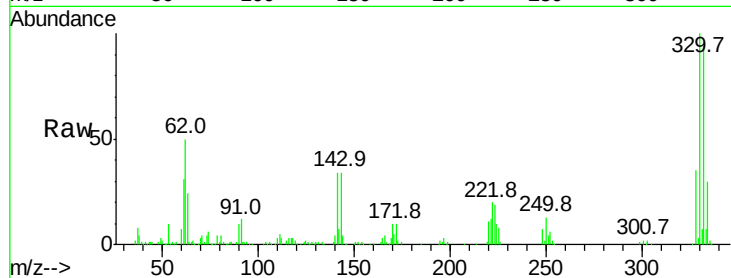




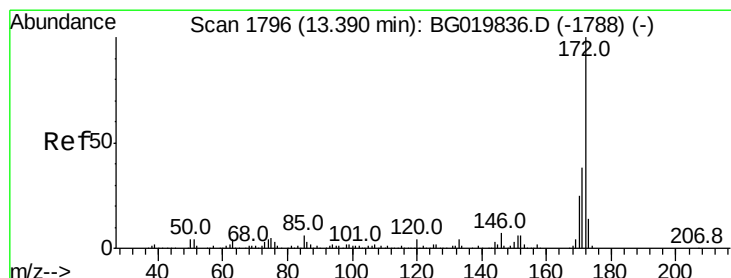
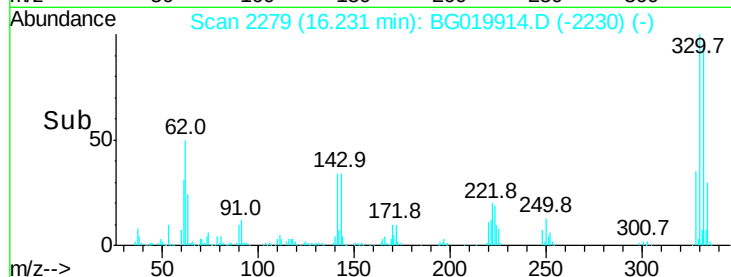
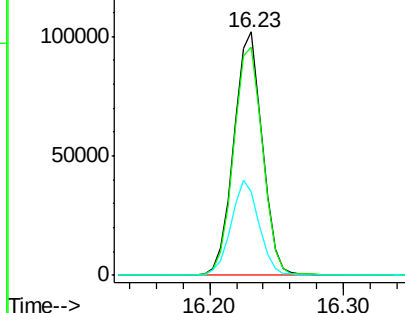
#41
 2,4,6-Tribromophenol
 Concen: 111.15 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019914.D
 Acq: 4 Dec 2015 21:04

Instrument :
 BNA_G
 ClientSampleId :
 TW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.1	117.1
141	38.8	28.2	42.2

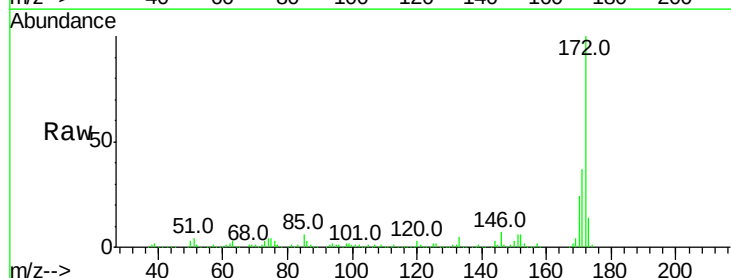


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

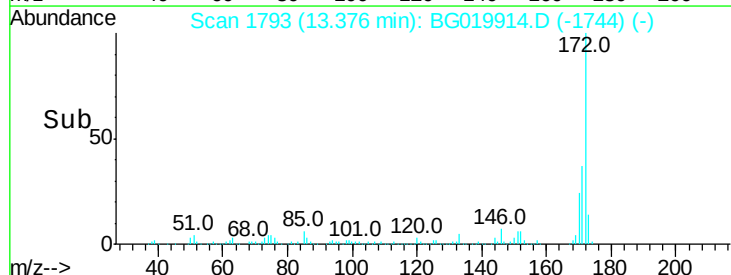
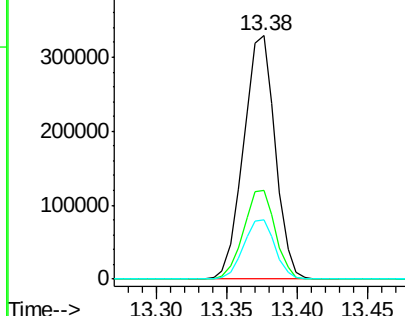


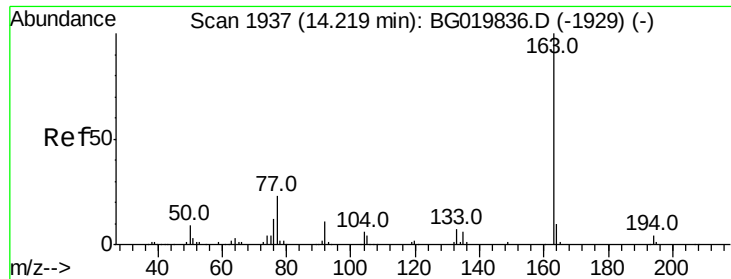
#44
 2-Fluorobiphenyl
 Concen: 79.43 ng
 RT: 13.38 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG019914.D
 Acq: 4 Dec 2015 21:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: 2.32 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG019914.D

Acq: 4 Dec 2015 21:04

Instrument :

BNA_G

ClientSampleId :

TW-11

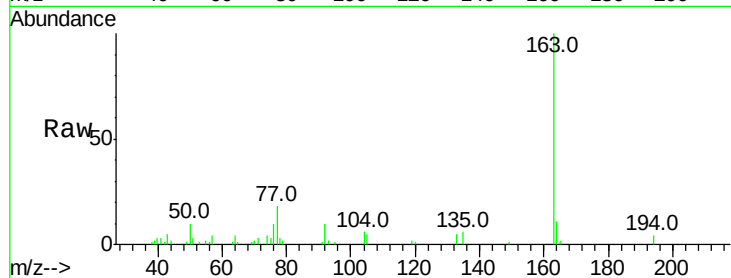
Tot Ion:163 Resp: 18533

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

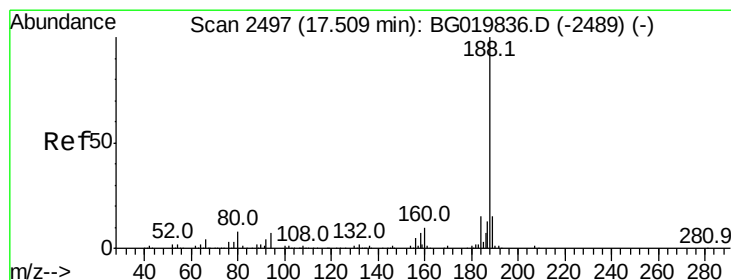
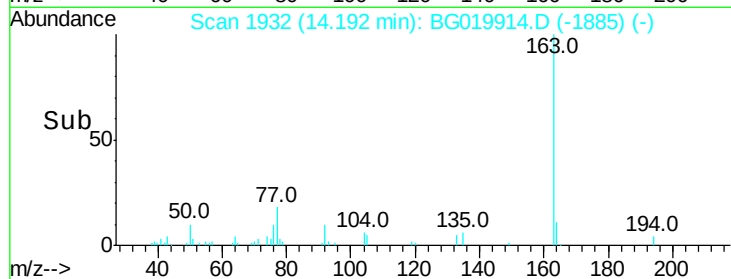
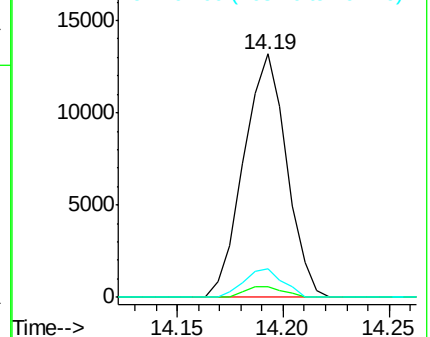
164 11.5 8.8 13.2



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# 2493

Delta R.T. -0.02 min

Lab File: BG019914.D

Acq: 4 Dec 2015 21:04

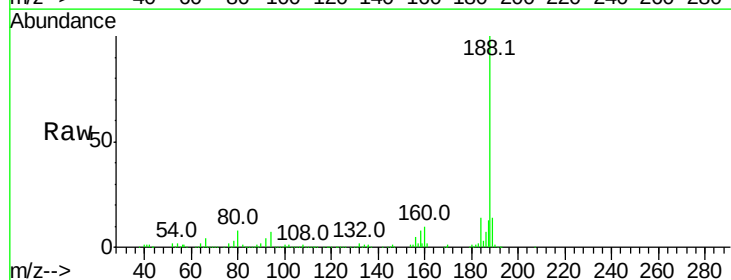
Tgt Ion:188 Resp: 222046

Ion Ratio Lower Upper

188 100

94 7.1 7.7 11.5#

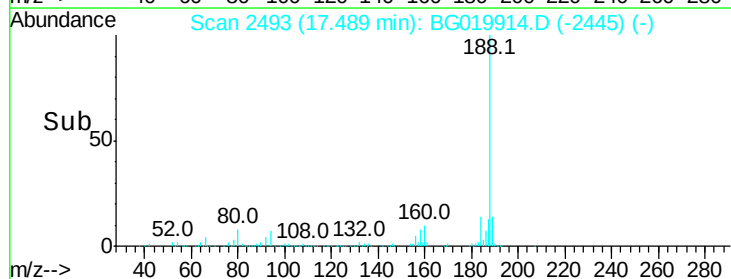
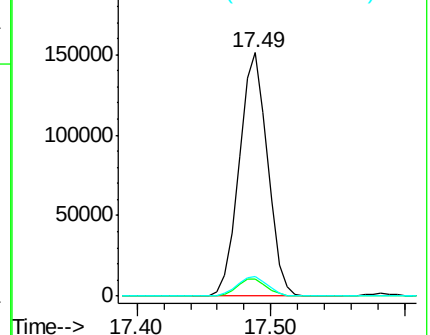
80 7.9 7.8 11.8

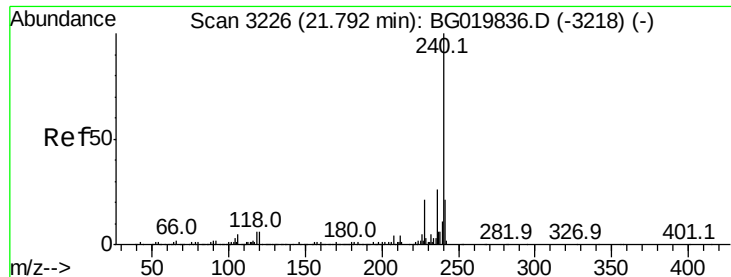


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.03 min

Lab File: BG019914.D

Acq: 4 Dec 2015 21:04

Instrument :

BNA_G

ClientSampleId :

TW-11

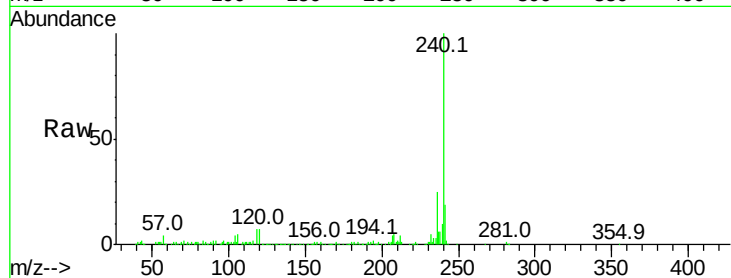
Tot Ion:240 Resp: 265698

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

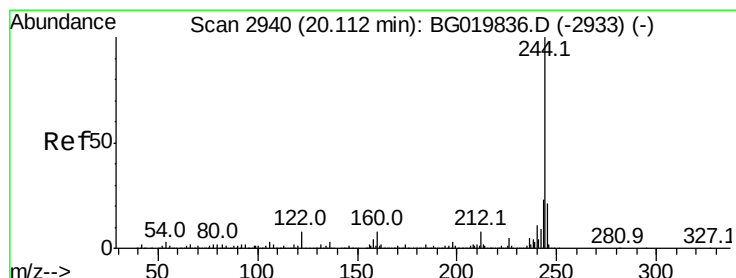
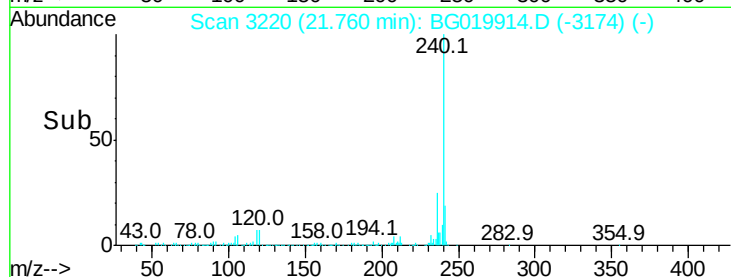
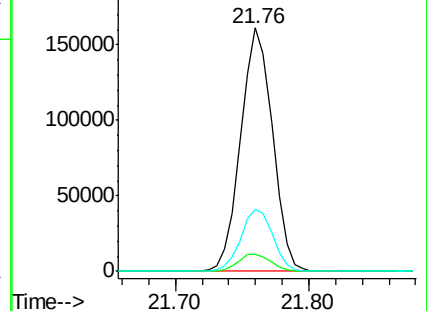
236 25.2 20.7 31.1



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: 61.82 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019914.D

Acq: 4 Dec 2015 21:04

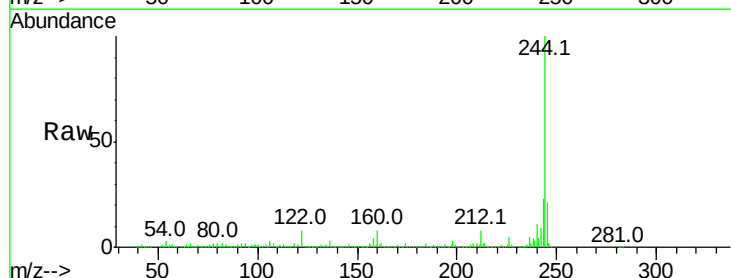
Tgt Ion:244 Resp: 673404

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

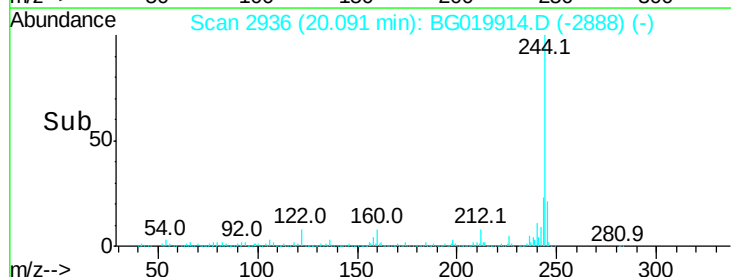
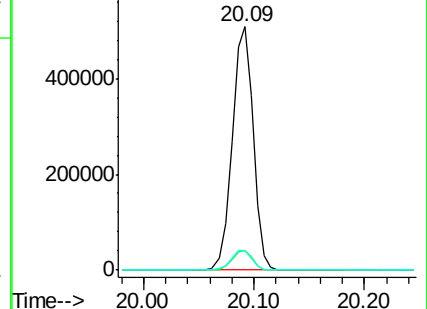
122 8.1 10.2 15.2#

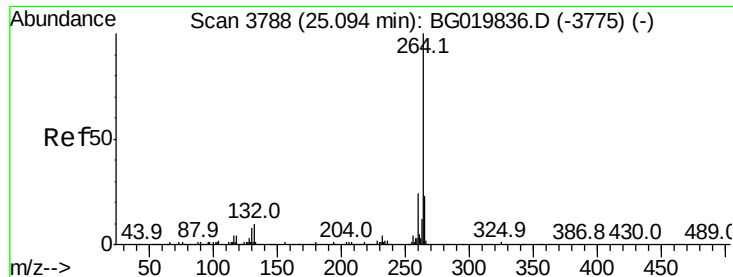


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

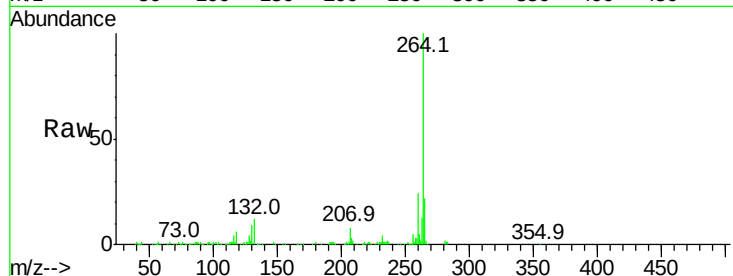




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019914.D
Acq: 4 Dec 2015 21:04

Instrument :
BNA_G
ClientSampleId :
TW-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.8	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

