

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019919.D
 Acq On : 5 Dec 2015 00:18
 Operator : UM/NP
 Sample : G4630-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FLATBUSH-FIELDBLANK1-12-1-15

Quant Time: Dec 05 04:23:32 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	28813	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	129529	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	91354	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	226270	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	285718	20.00	ng	-0.04
86) Perylene-d12	25.04	264	265364	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	129977	81.53	ng	-0.01
7) Phenol-d6	7.26	99	123335	51.24	ng	-0.01
23) Nitrobenzene-d5	9.28	82	269926	106.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	207735	148.62	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	664787	99.36	ng	-0.02
78) Terphenyl-d14	20.09	244	1131369	96.58	ng	-0.02

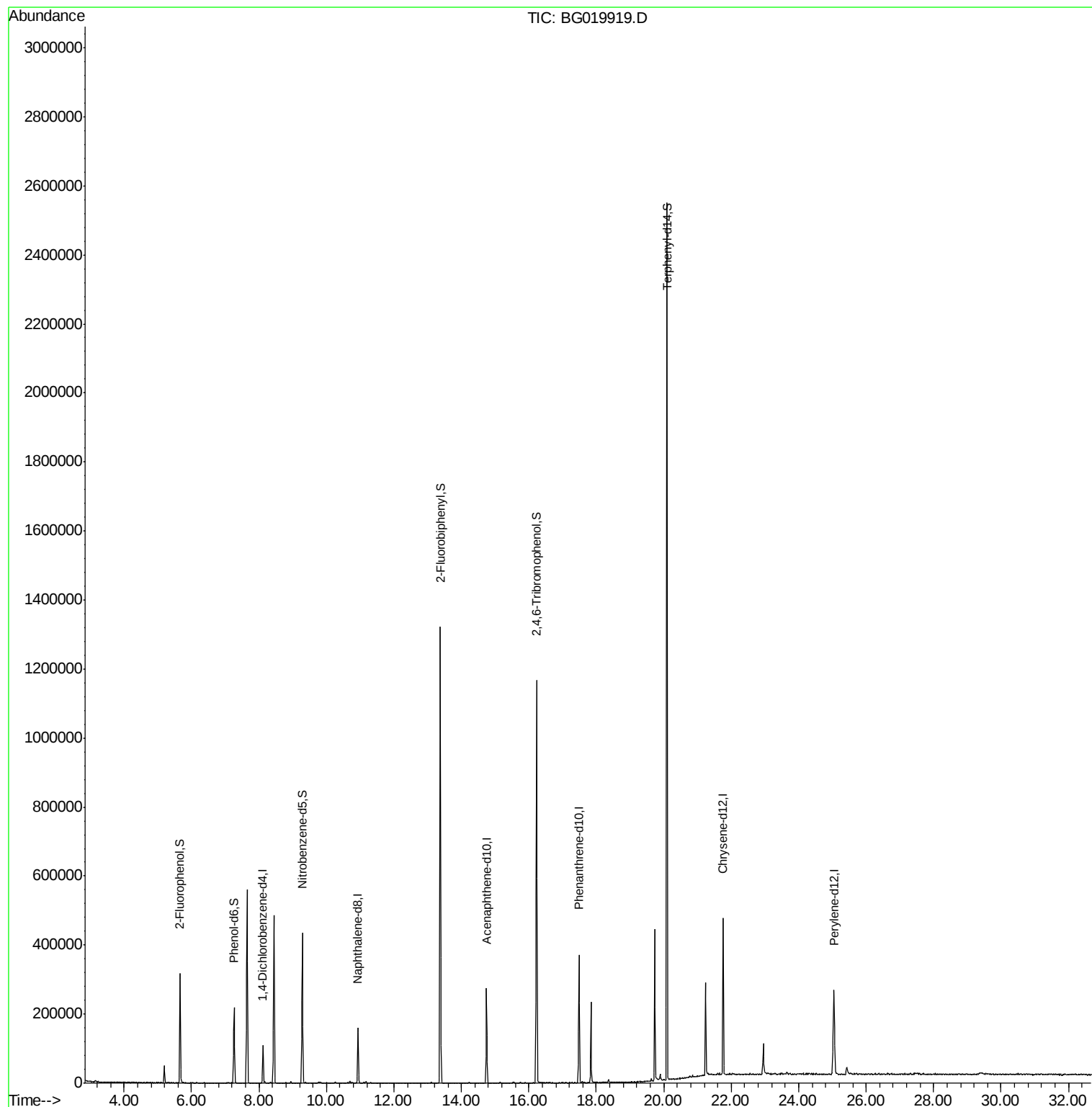
Target Compounds Qvalue

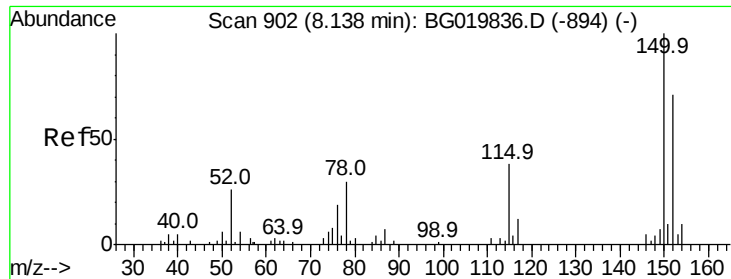
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019919.D

Acq: 5 Dec 2015 00:18

Instrument :

BNA_G

ClientSampleId :

FLATBUSH-FIELDBLANK1-12-1-15

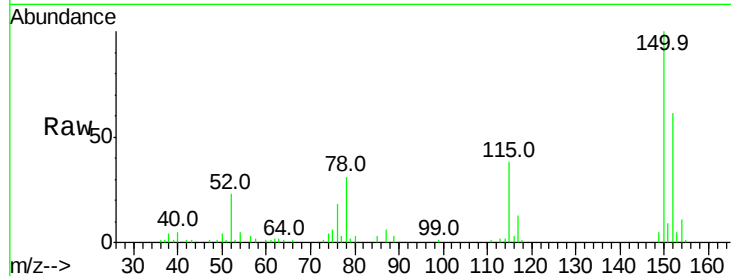
Tot Ion:152 Resp: 28813

Ion Ratio Lower Upper

152 100

150 164.2 115.0 172.4

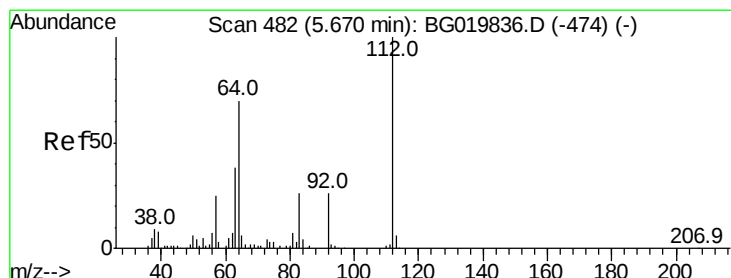
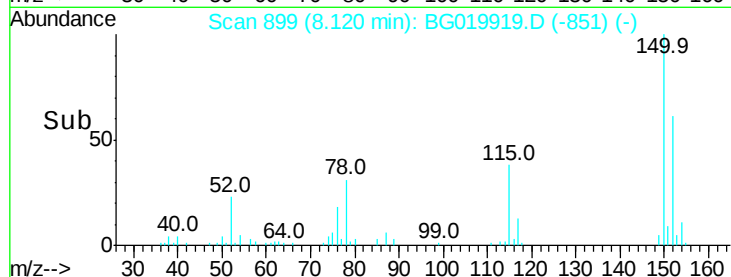
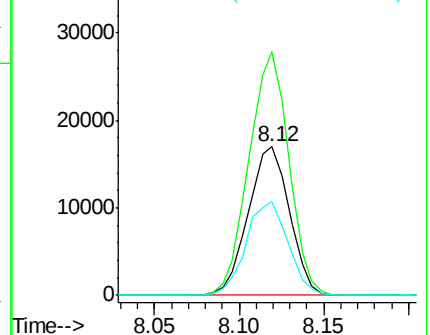
115 63.0 43.9 65.9



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: 81.53 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019919.D

Acq: 5 Dec 2015 00:18

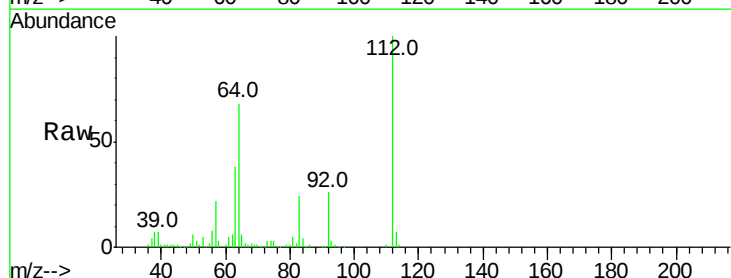
Tgt Ion:112 Resp: 129977

Ion Ratio Lower Upper

112 100

64 68.4 43.7 65.5#

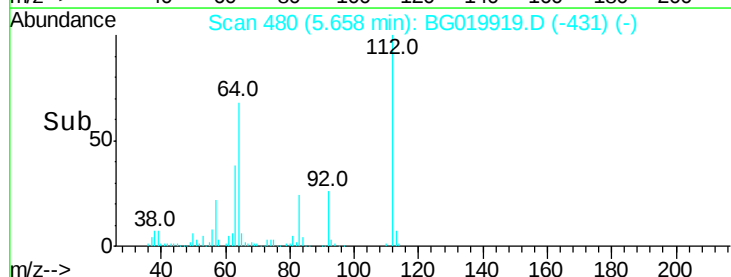
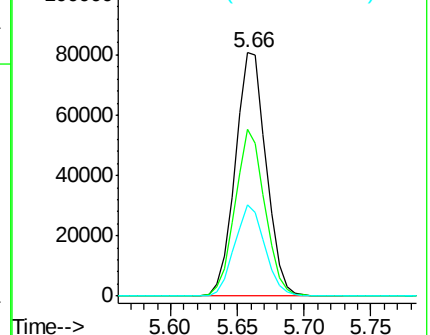
63 37.6 24.0 36.0#



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: 51.24 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019919.D

Acq: 5 Dec 2015 00:18

Instrument :

BNA_G

ClientSampleId :

FLATBUSH-FIELDBLANK1-12-1-15

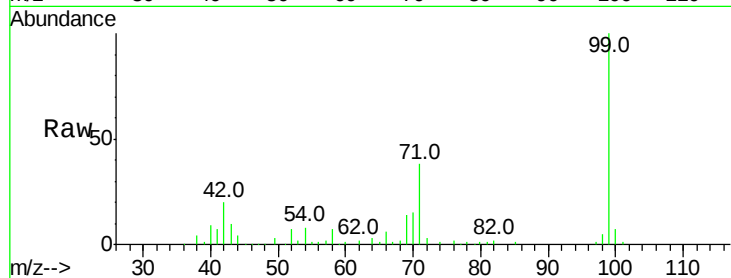
Tot Ion: 99 Resp: 123335

Ion Ratio Lower Upper

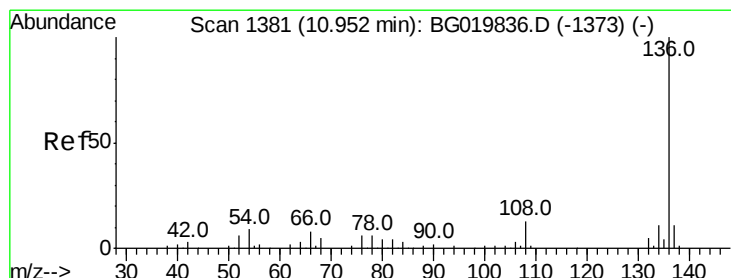
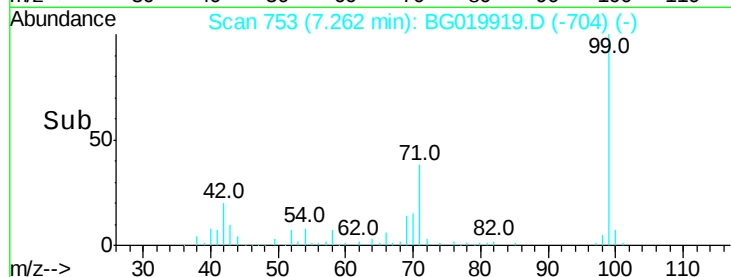
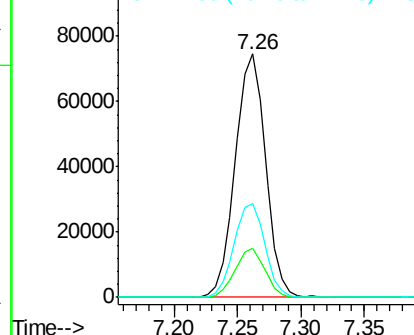
99 100

42 20.1 11.5 17.3#

71 38.4 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: BG019919.D

Acq: 5 Dec 2015 00:18

Tgt Ion: 136 Resp: 129529

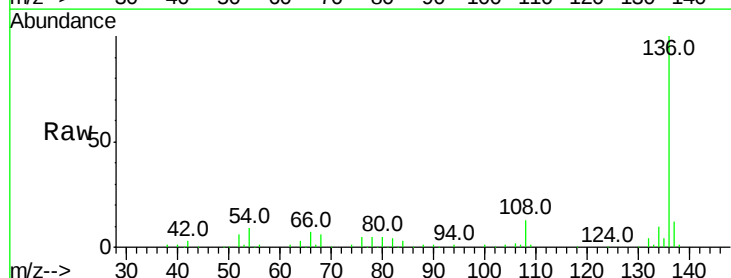
Ion Ratio Lower Upper

136 100

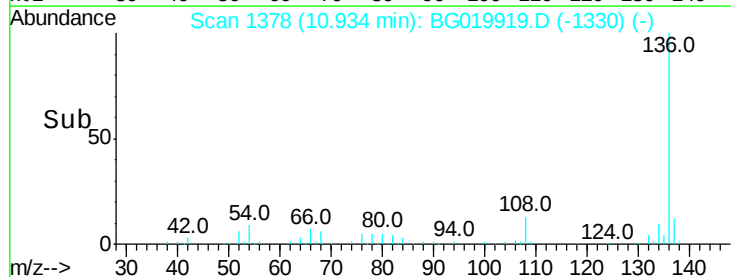
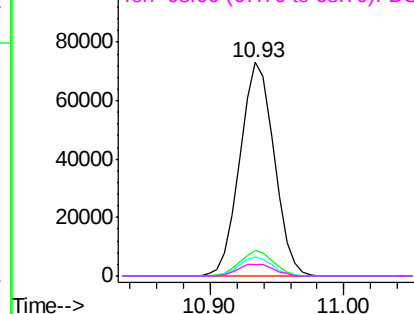
137 12.2 8.6 12.8

54 9.0 5.4 8.2#

68 5.7 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

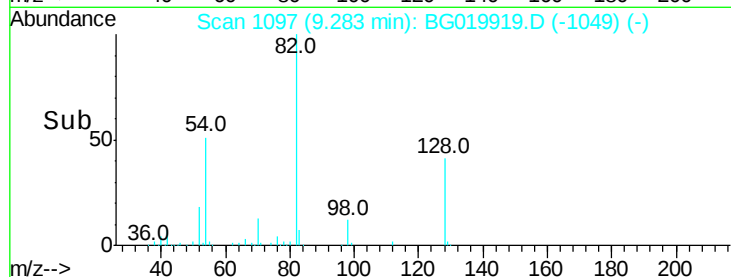
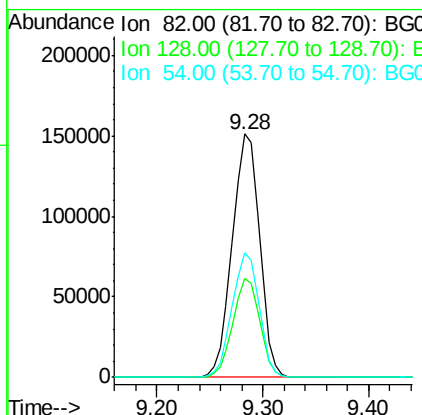
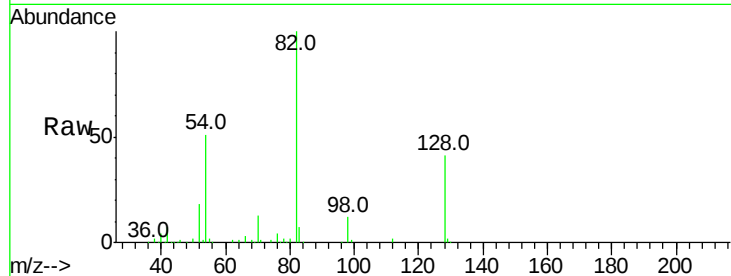




#23
Nitrobenzene-d5
Concen: 106.35 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019919.D
Acq: 5 Dec 2015 00:18

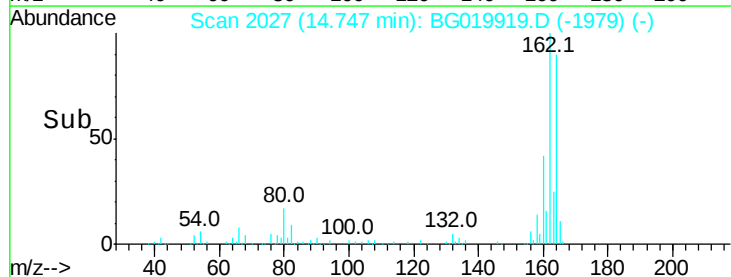
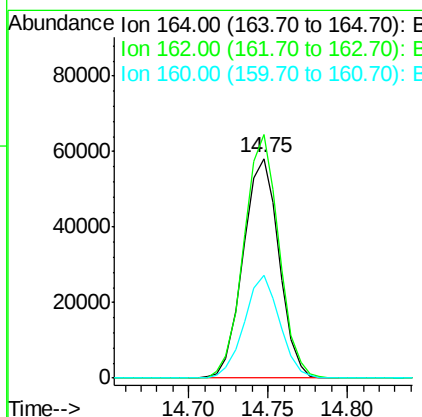
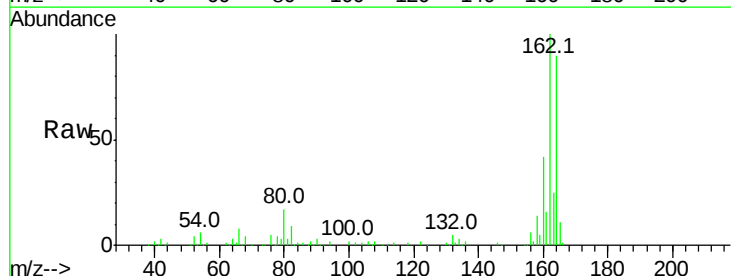
Instrument :
BNA_G
ClientSampleId :
FLATBUSH-FIELDBLANK1-12-1-15

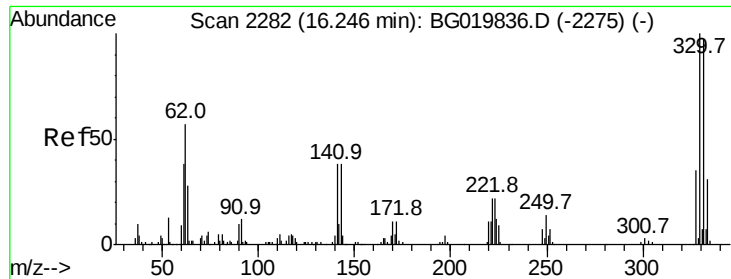
Tot Ion: 82 Resp: 269926
Ion Ratio Lower Upper
82 100
128 40.9 36.7 55.1
54 51.3 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019919.D
Acq: 5 Dec 2015 00:18

Tgt Ion:164 Resp: 91354
Ion Ratio Lower Upper
164 100
162 110.9 78.8 118.2
160 46.6 36.4 54.6

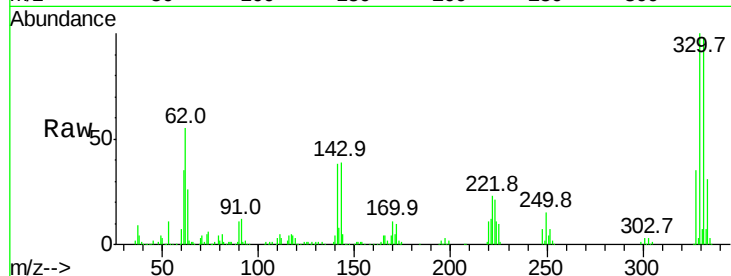




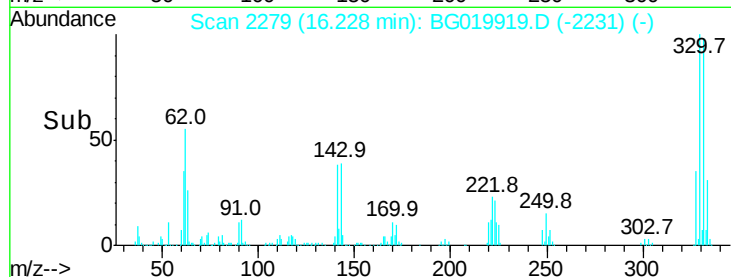
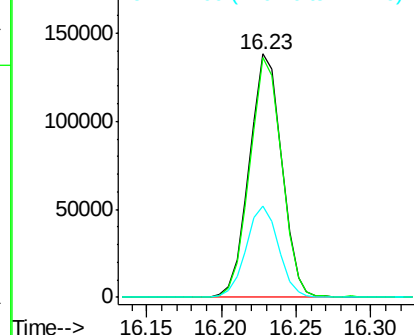
#41
 2,4,6-Tribromophenol
 Concen: 148.62 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019919.D
 Acq: 5 Dec 2015 00:18

Instrument :
 BNA_G
 ClientSampleId :
 FLATBUSH-FIELDBLANK1-12-1-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	37.3	28.2	42.2

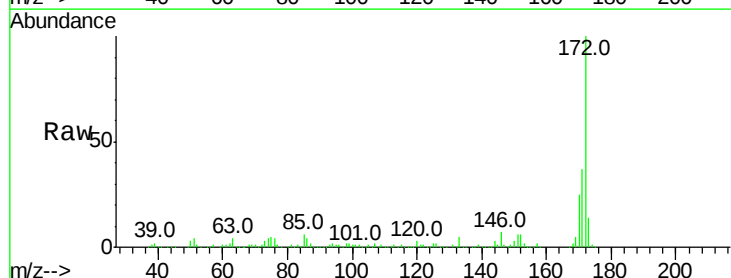


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

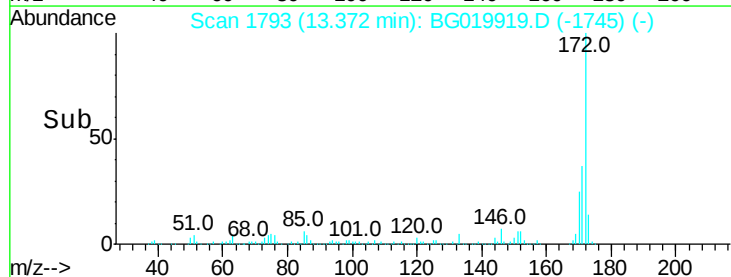
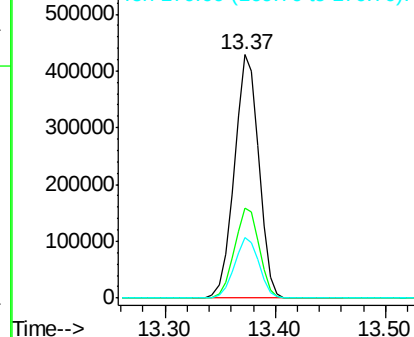


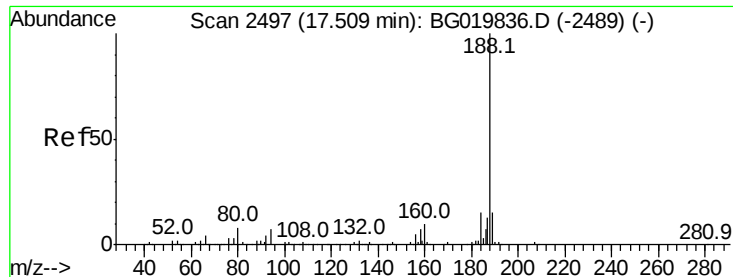
#44
 2-Fluorobiphenyl
 Concen: 99.36 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019919.D
 Acq: 5 Dec 2015 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	24.7	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# 2493

Delta R.T. -0.02 min

Lab File: BG019919.D

Acq: 5 Dec 2015 00:18

Instrument :

BNA_G

ClientSampleId :

FLATBUSH-FIELDBLANK1-12-1-15

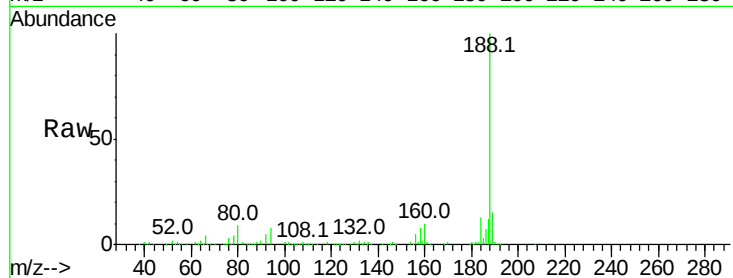
Tot Ion:188 Resp: 226270

Ion Ratio Lower Upper

188 100

94 7.9 7.7 11.5

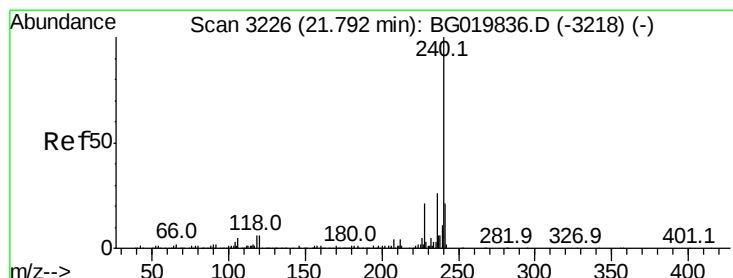
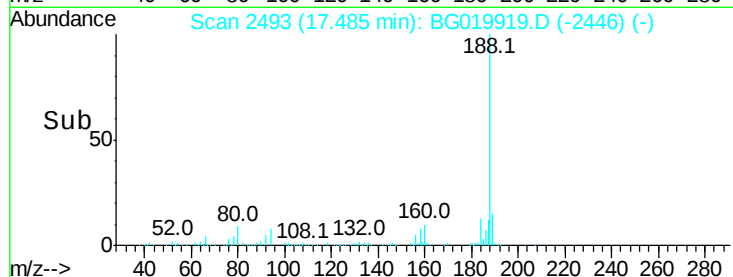
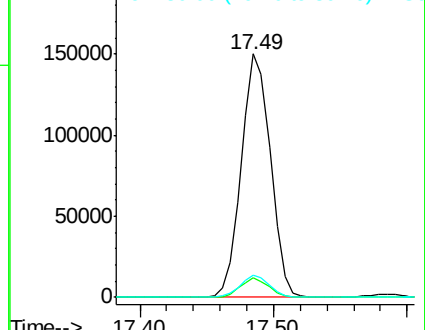
80 9.3 7.8 11.8



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. -0.04 min

Lab File: BG019919.D

Acq: 5 Dec 2015 00:18

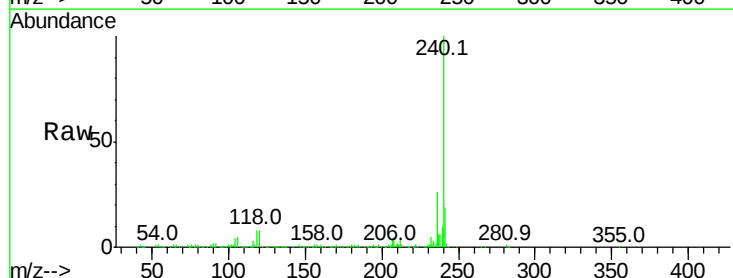
Tgt Ion:240 Resp: 285718

Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

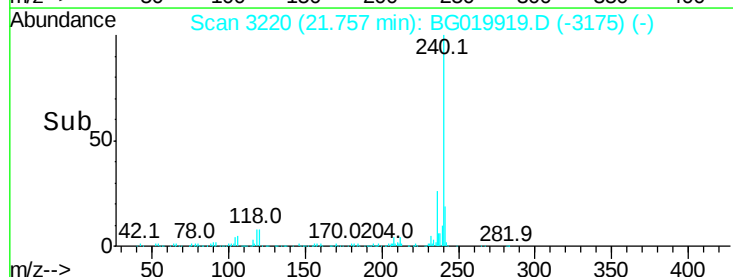
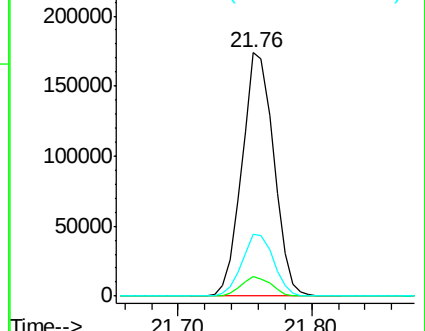
236 25.5 20.7 31.1

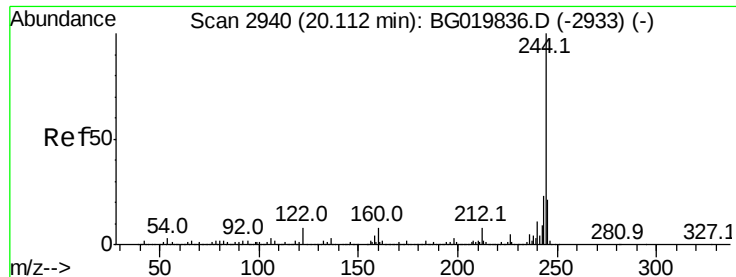


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.58 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019919.D

Acq: 5 Dec 2015 00:18

Instrument :

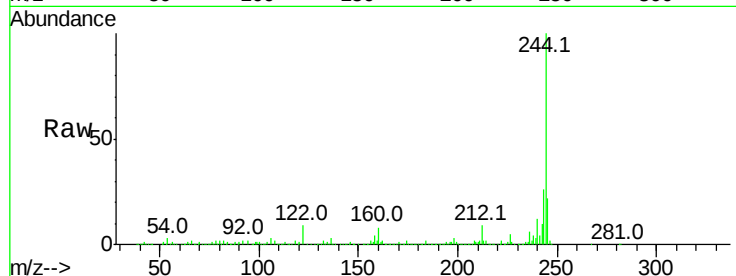
BNA_G

ClientSampleId :

FLATBUSH-FIELDBLANK1-12-1-15

Tot Ion:244 Resp: 1131369

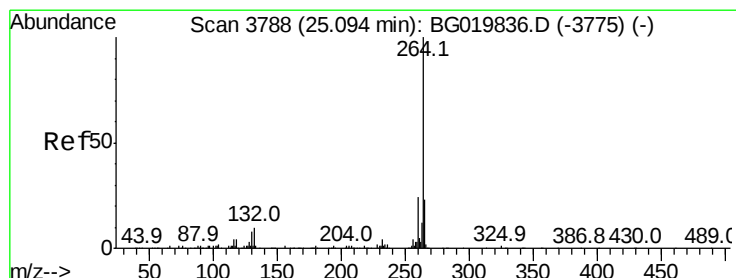
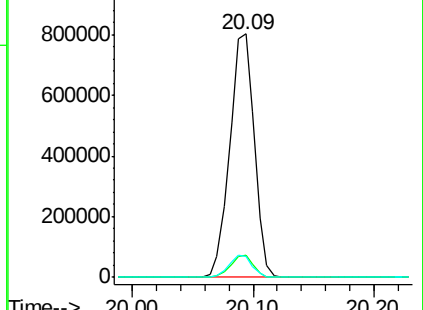
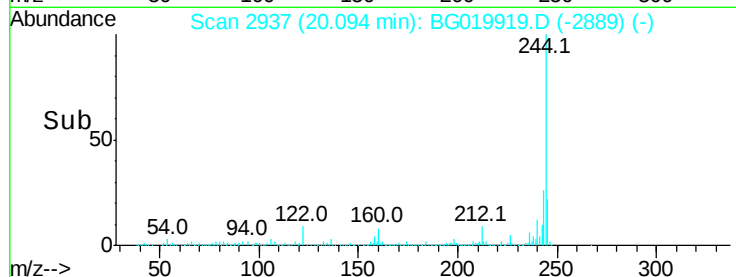
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	8.5	10.2	15.2#



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: 25.04 min Scan# 3779

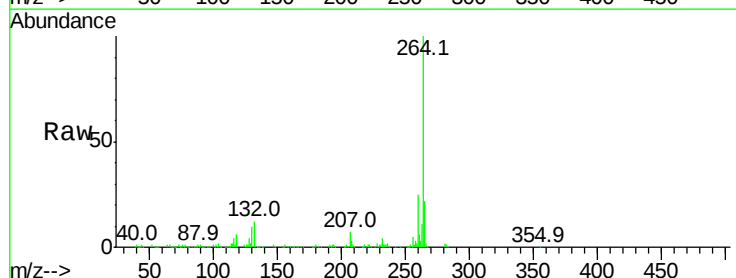
Delta R.T. -0.05 min

Lab File: BG019919.D

Acq: 5 Dec 2015 00:18

Tgt Ion:264 Resp: 265364

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	21.7	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

