

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019993.D
 Acq On : 7 Dec 2015 22:50
 Operator : UM/NP
 Sample : G4676-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-120115

Quant Time: Dec 08 00:12:12 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	17002	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	73705	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53387	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	134295	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	163507	20.00	ng	-0.04
86) Perylene-d12	25.04	264	149645	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	69270	73.64	ng	-0.02
7) Phenol-d6	7.26	99	63630	44.80	ng	-0.02
23) Nitrobenzene-d5	9.28	82	148958	103.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	111270	136.22	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	367256	93.93	ng	-0.02
78) Terphenyl-d14	20.09	244	665367	99.26	ng	-0.02

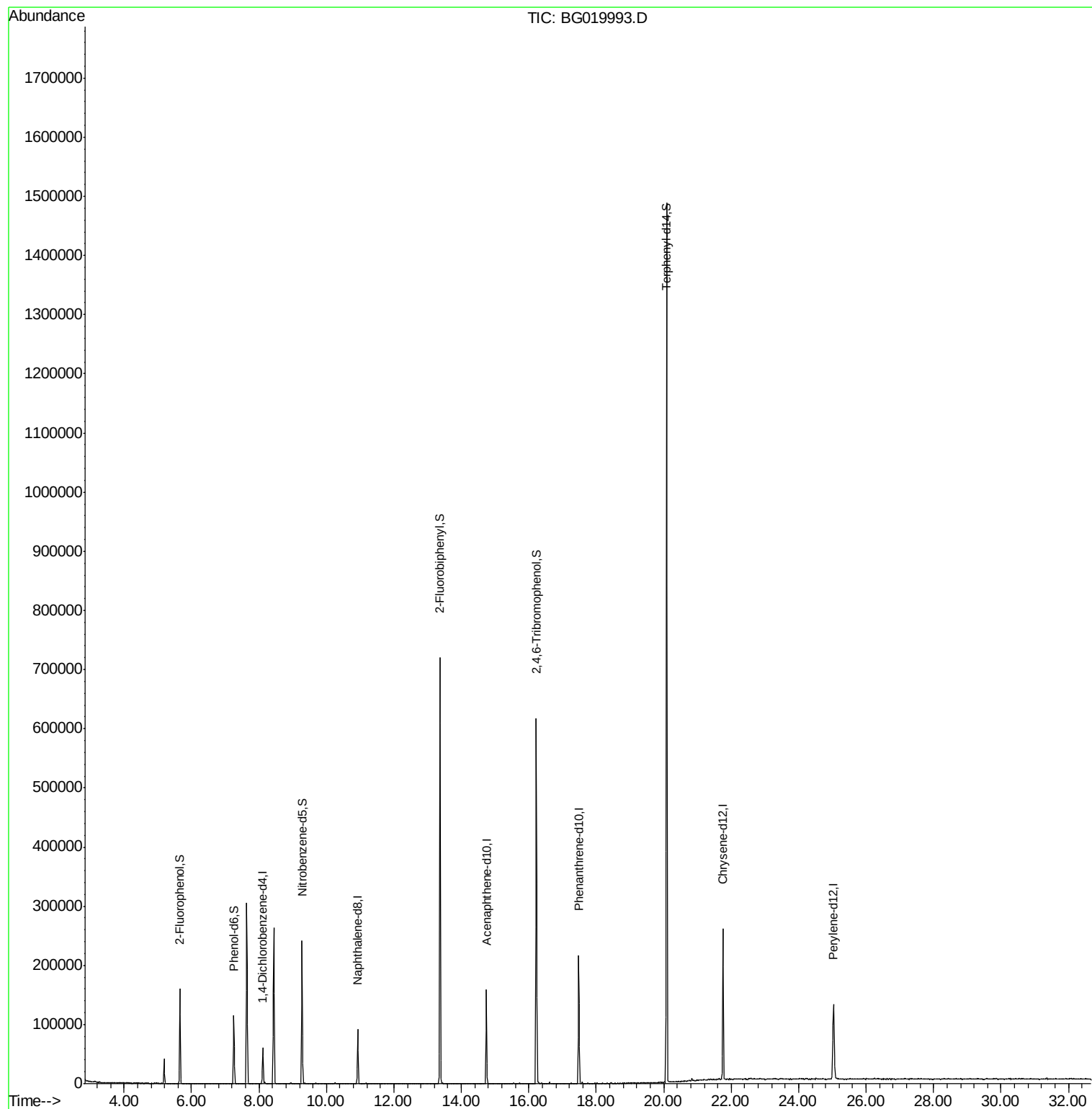
Target Compounds Qvalue

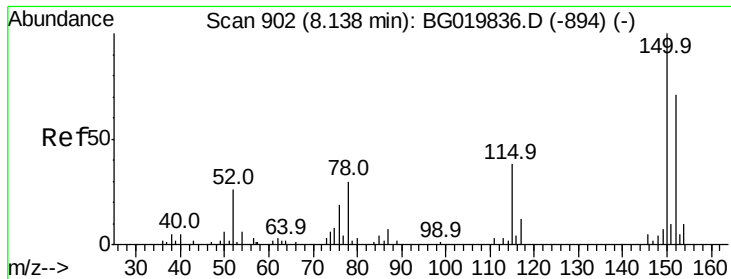
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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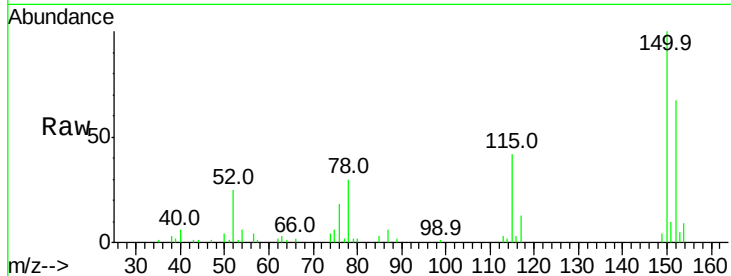


#1

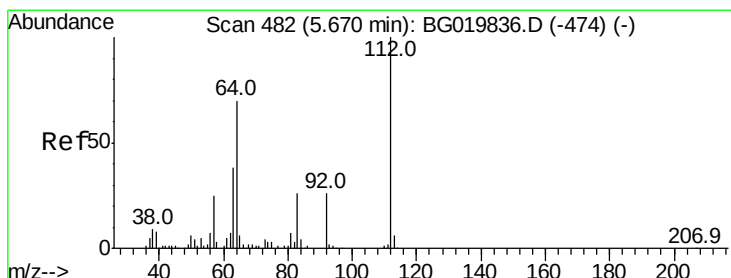
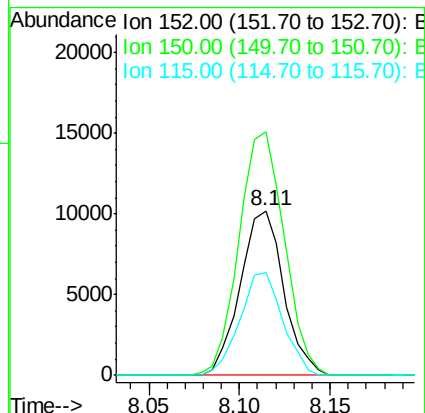
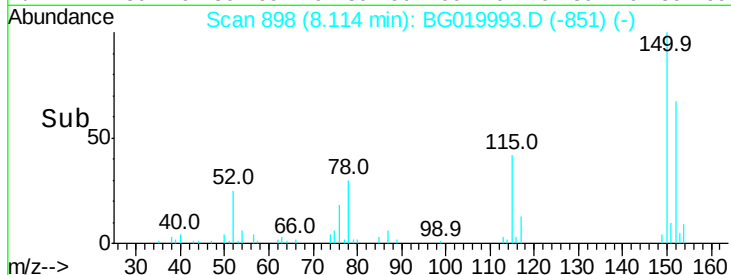
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019993.D
Acq: 7 Dec 2015 22:50

Instrument :
BNA_G
ClientSampleId :
FB-120115

Tot Ion:152 Resp: 17002
Ion Ratio Lower Upper
152 100
150 148.3 115.0 172.4
115 62.9 43.9 65.9



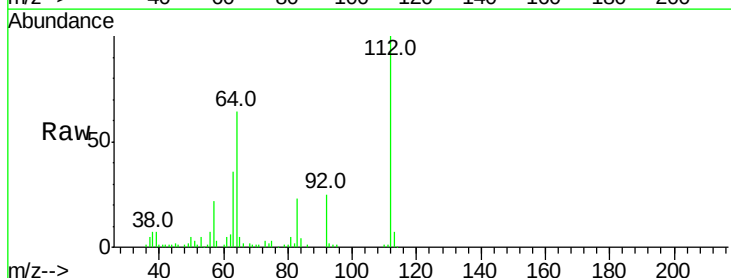
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



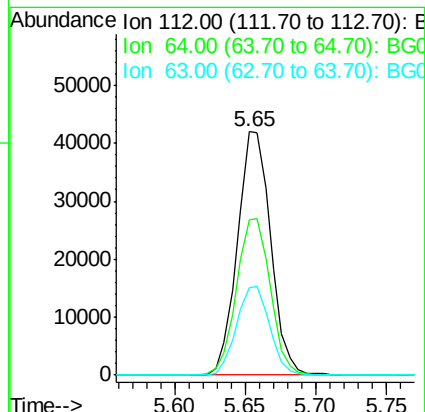
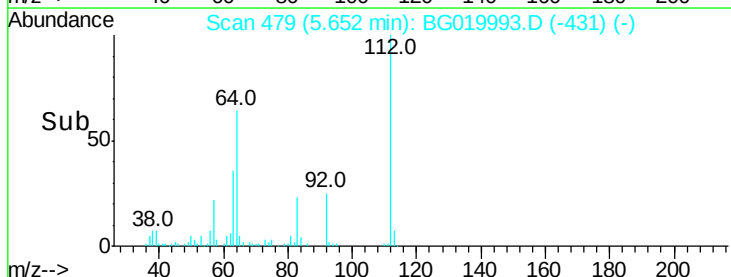
#5

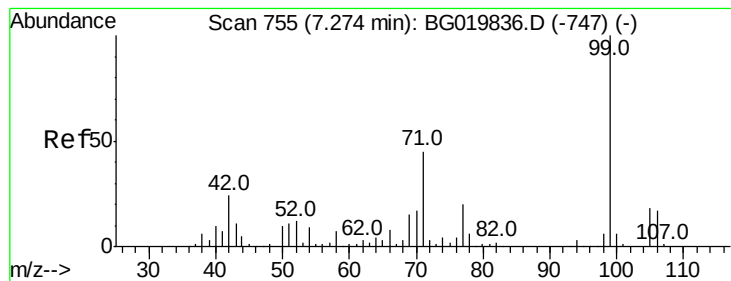
2-Fluorophenol
Concen: 73.64 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.02 min
Lab File: BG019993.D
Acq: 7 Dec 2015 22:50

Tgt Ion:112 Resp: 69270
Ion Ratio Lower Upper
112 100
64 63.7 43.7 65.5
63 35.9 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: 44.80 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019993.D

Acq: 7 Dec 2015 22:50

Instrument :

BNA_G

ClientSampleId :

FB-120115

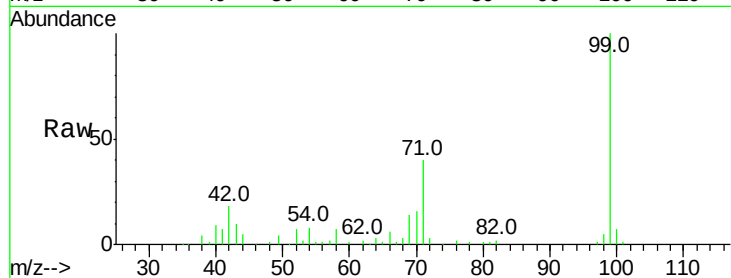
Tot Ion: 99 Resp: 63630

Ion Ratio Lower Upper

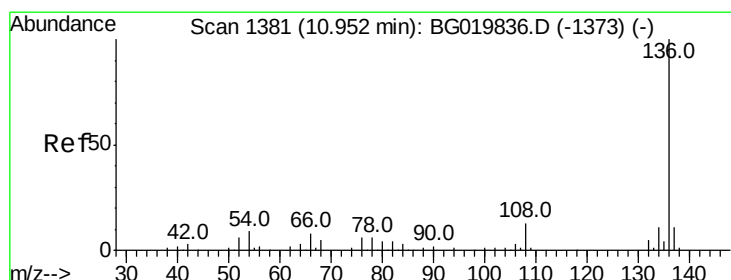
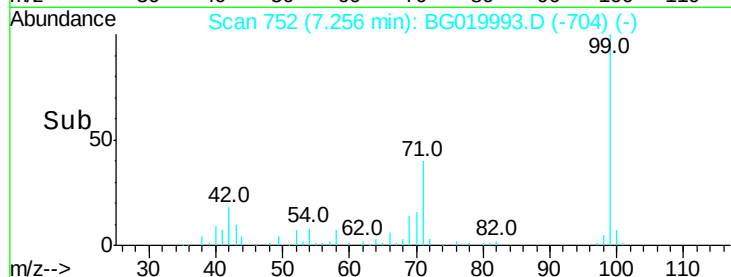
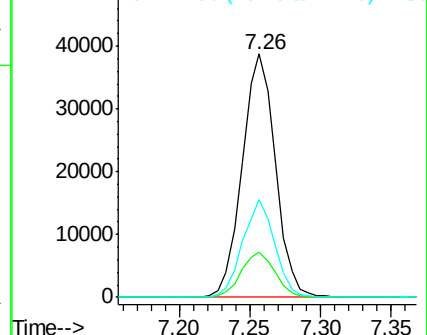
99 100

42 18.3 11.5 17.3#

71 40.1 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: BG019993.D

Acq: 7 Dec 2015 22:50

Tgt Ion: 136 Resp: 73705

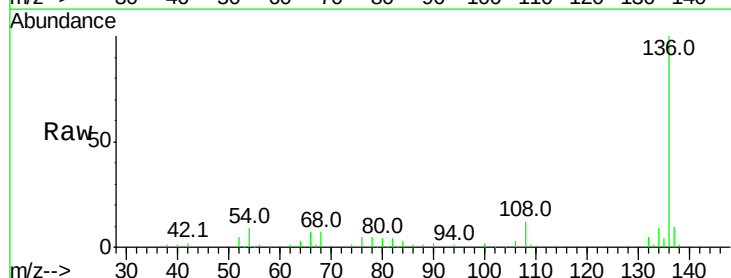
Ion Ratio Lower Upper

136 100

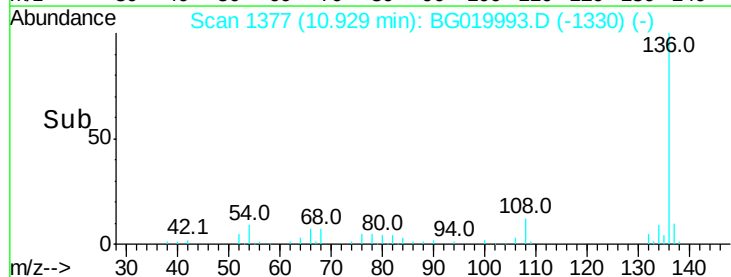
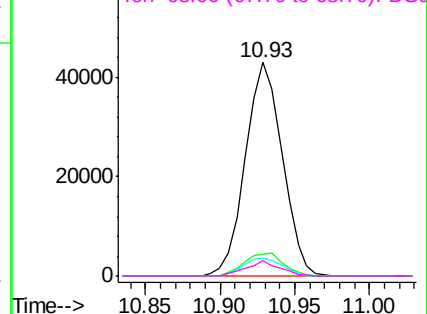
137 10.5 8.6 12.8

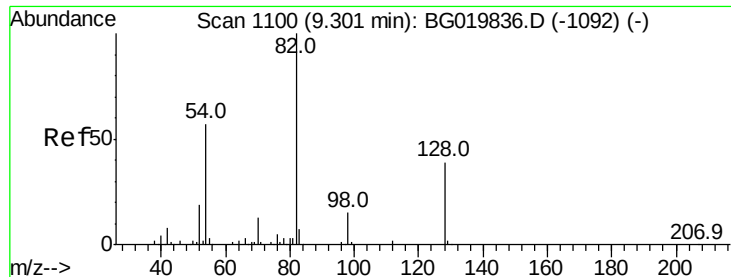
54 8.7 5.4 8.2#

68 7.1 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

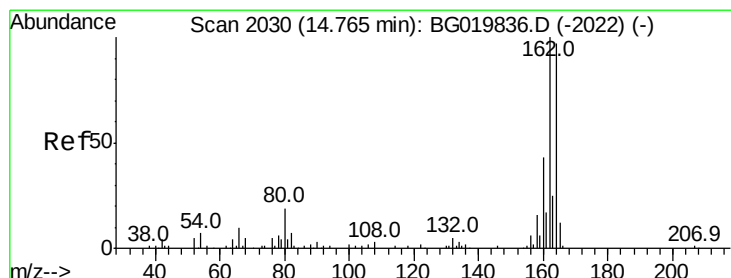
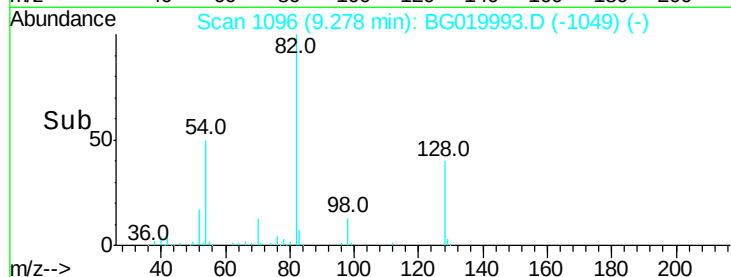
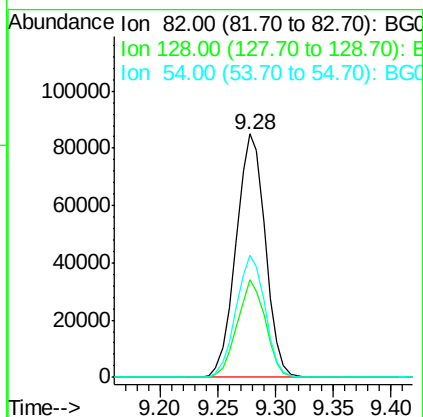
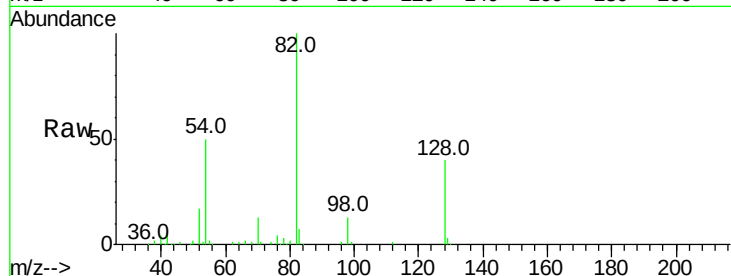




#23
Nitrobenzene-d5
Concen: 103.14 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019993.D
Acq: 7 Dec 2015 22:50

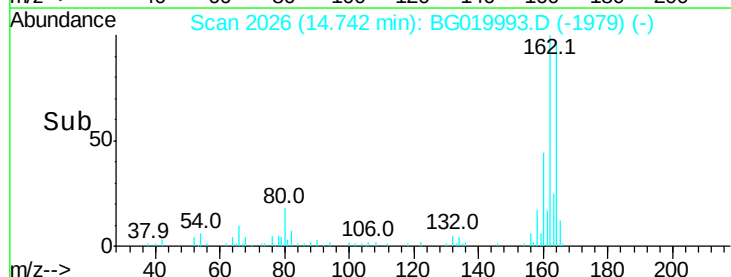
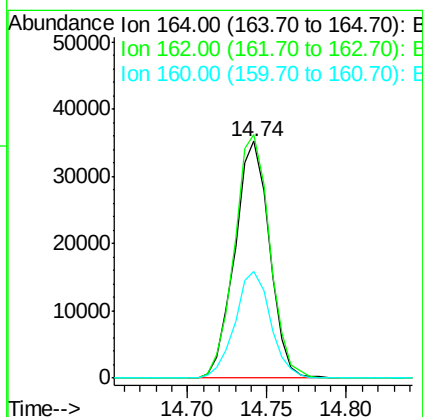
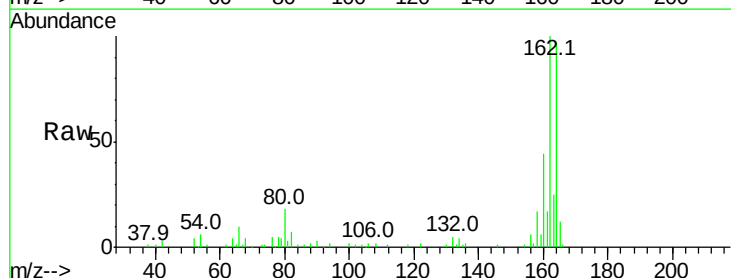
Instrument :
BNA_G
ClientSampled :
FB-120115

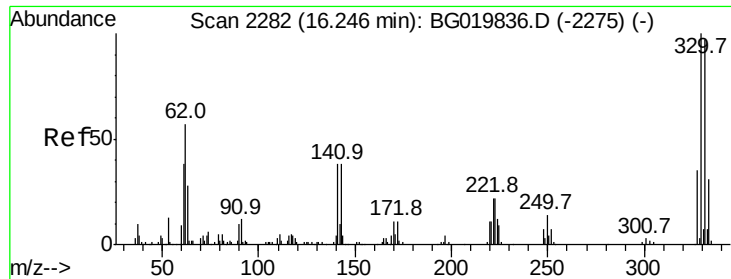
Tot Ion: 82 Resp: 148958
Ion Ratio Lower Upper
82 100
128 40.2 36.7 55.1
54 50.0 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019993.D
Acq: 7 Dec 2015 22:50

Tgt Ion: 164 Resp: 53387
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 44.9 36.4 54.6

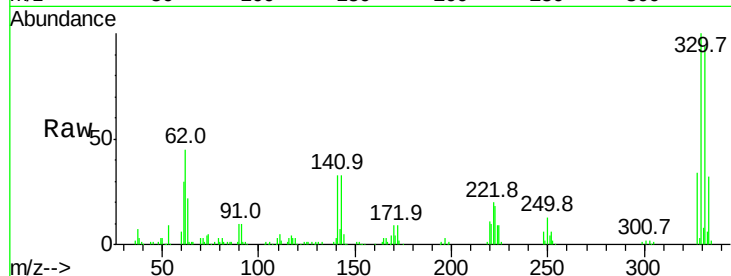




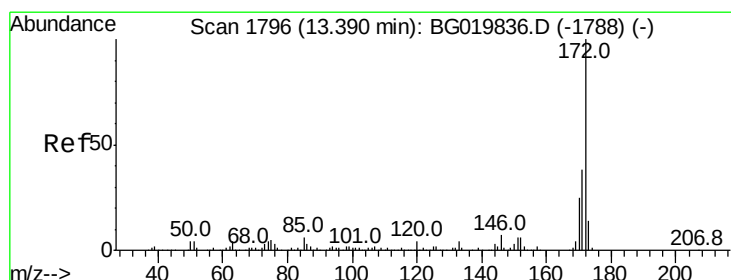
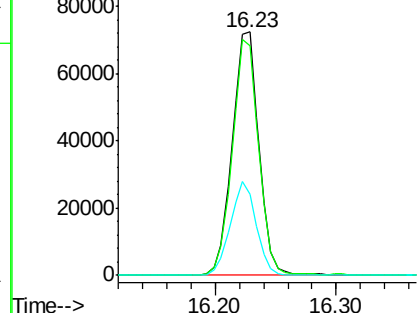
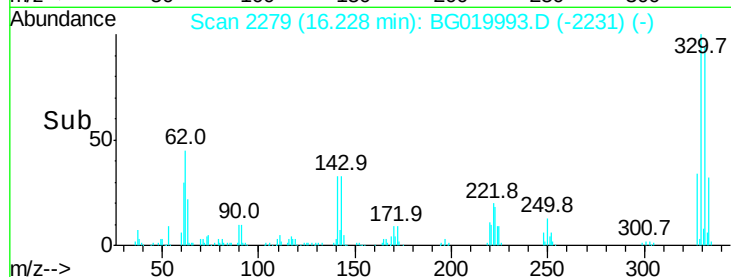
#41
 2,4,6-Tribromophenol
 Concen: 136.22 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019993.D
 Acq: 7 Dec 2015 22:50

Instrument :
 BNA_G
 ClientSampleId :
 FB-120115

Tot Ion:330 Resp: 111270
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.1 117.1
 141 37.3 28.2 42.2

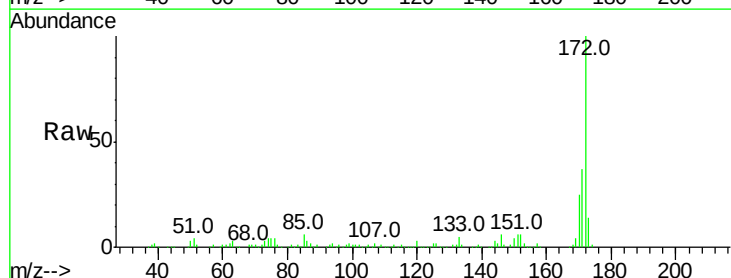


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

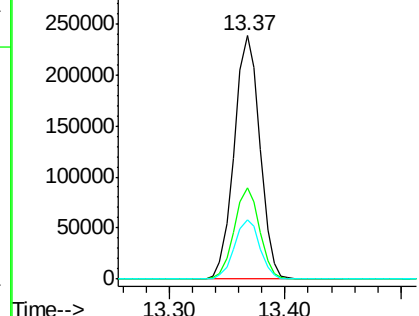
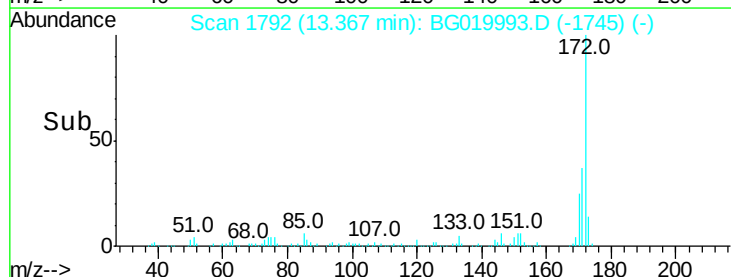


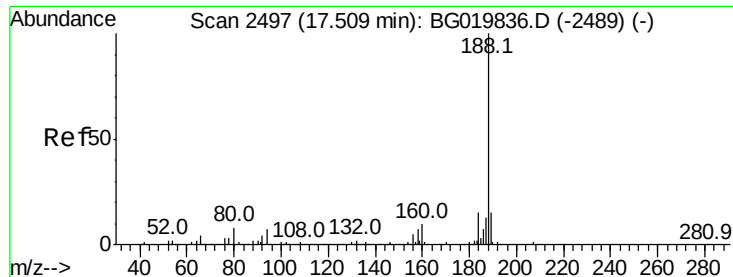
#44
 2-Fluorobiphenyl
 Concen: 93.93 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019993.D
 Acq: 7 Dec 2015 22:50

Tgt Ion:172 Resp: 367256
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.6
 170 24.6 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

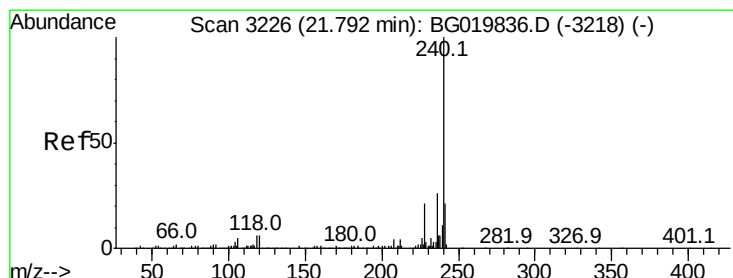
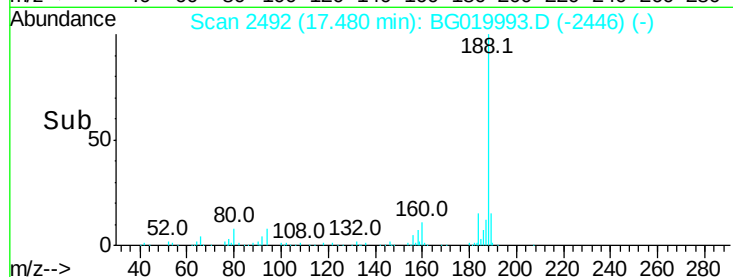
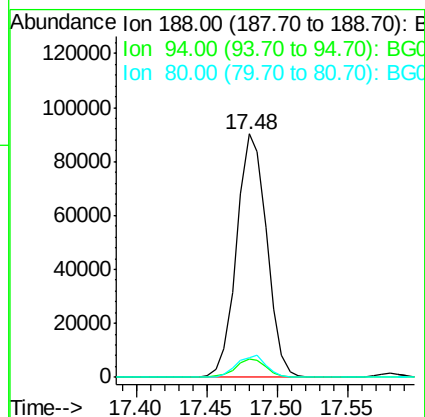
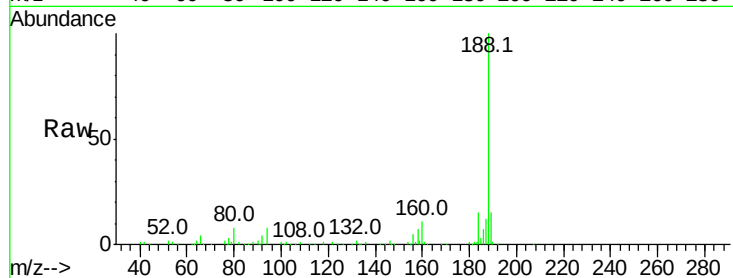




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019993.D
Acq: 7 Dec 2015 22:50

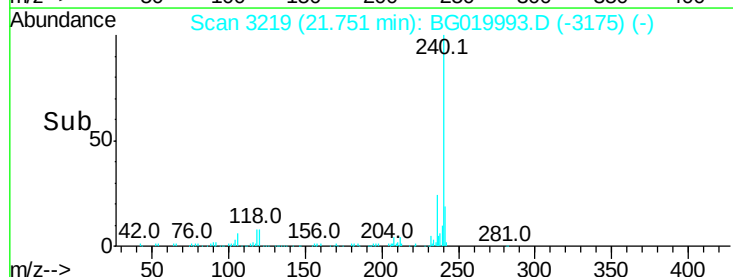
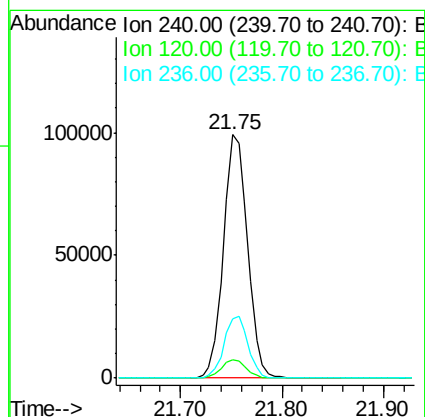
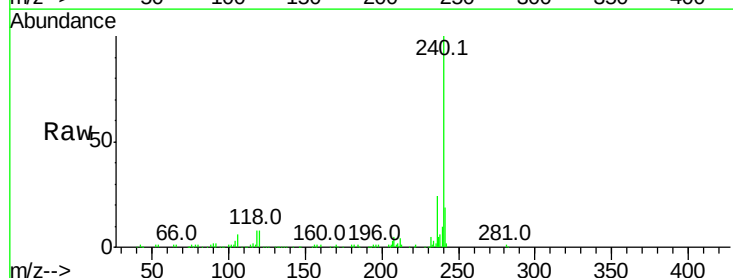
Instrument :
BNA_G
ClientSampleId :
FB-120115

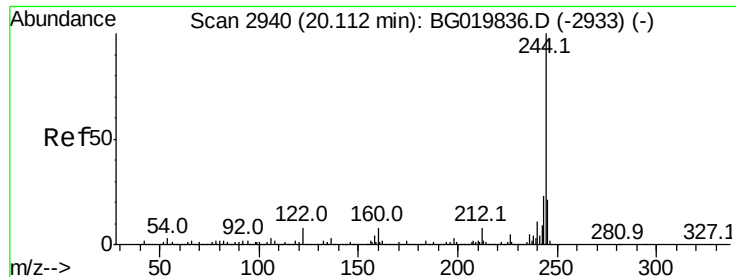
Tot Ion:188 Resp: 134295
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 8.1 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019993.D
Acq: 7 Dec 2015 22:50

Tgt Ion:240 Resp: 163507
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 24.5 20.7 31.1





#78

Terphenyl-d14

Concen: 99.26 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019993.D

Acq: 7 Dec 2015 22:50

Instrument :

BNA_G

ClientSampleId :

FB-120115

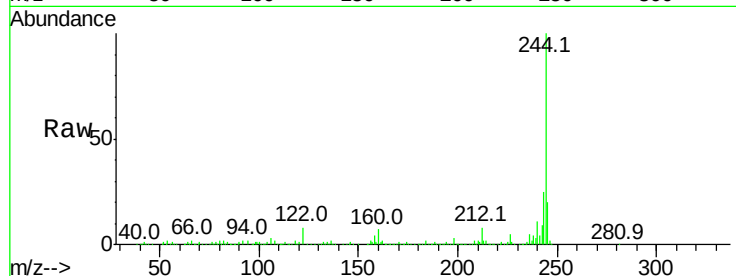
Tot Ion:244 Resp: 665367

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

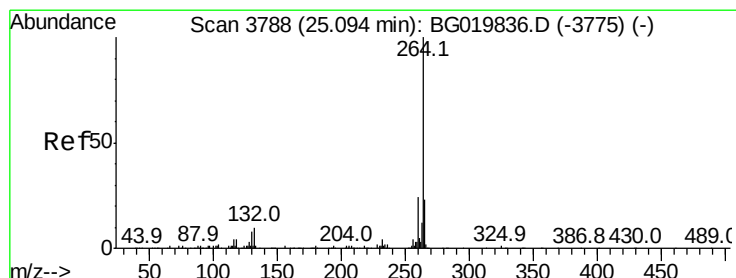
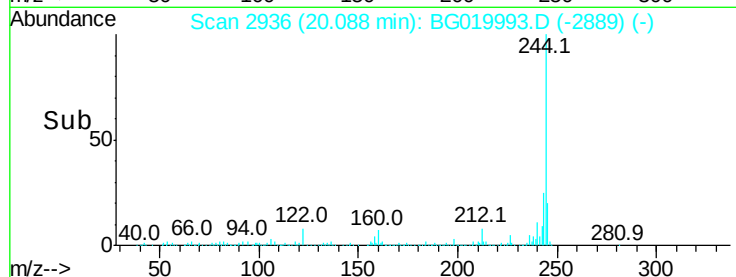
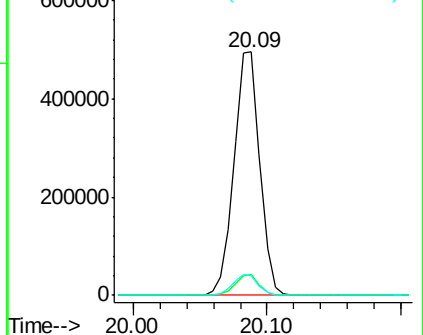
122 8.1 10.2 15.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019993.D

Acq: 7 Dec 2015 22:50

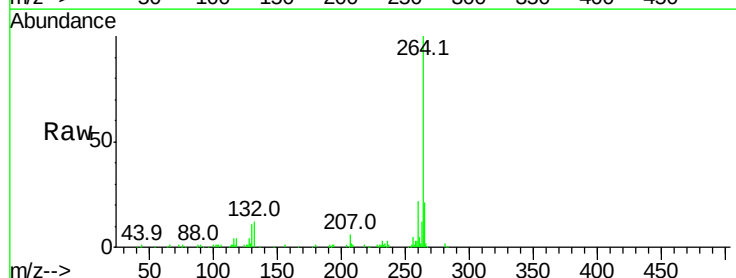
Tgt Ion:264 Resp: 149645

Ion Ratio Lower Upper

264 100

260 21.9 18.5 27.7

265 20.7 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

