

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019955.D
 Acq On : 5 Dec 2015 23:27
 Operator : UM/NP
 Sample : G4630-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Quant Time: Dec 07 01:21:46 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	30519	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	136300	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	94961	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	241041	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	291986	20.00	ng	-0.04
86) Perylene-d12	25.03	264	274128	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	112377	66.55	ng	-0.01
7) Phenol-d6	7.26	99	103872	40.74	ng	-0.02
23) Nitrobenzene-d5	9.28	82	233854	87.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	177349	122.06	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	573834	82.51	ng	-0.02
78) Terphenyl-d14	20.09	244	959137	80.12	ng	-0.02

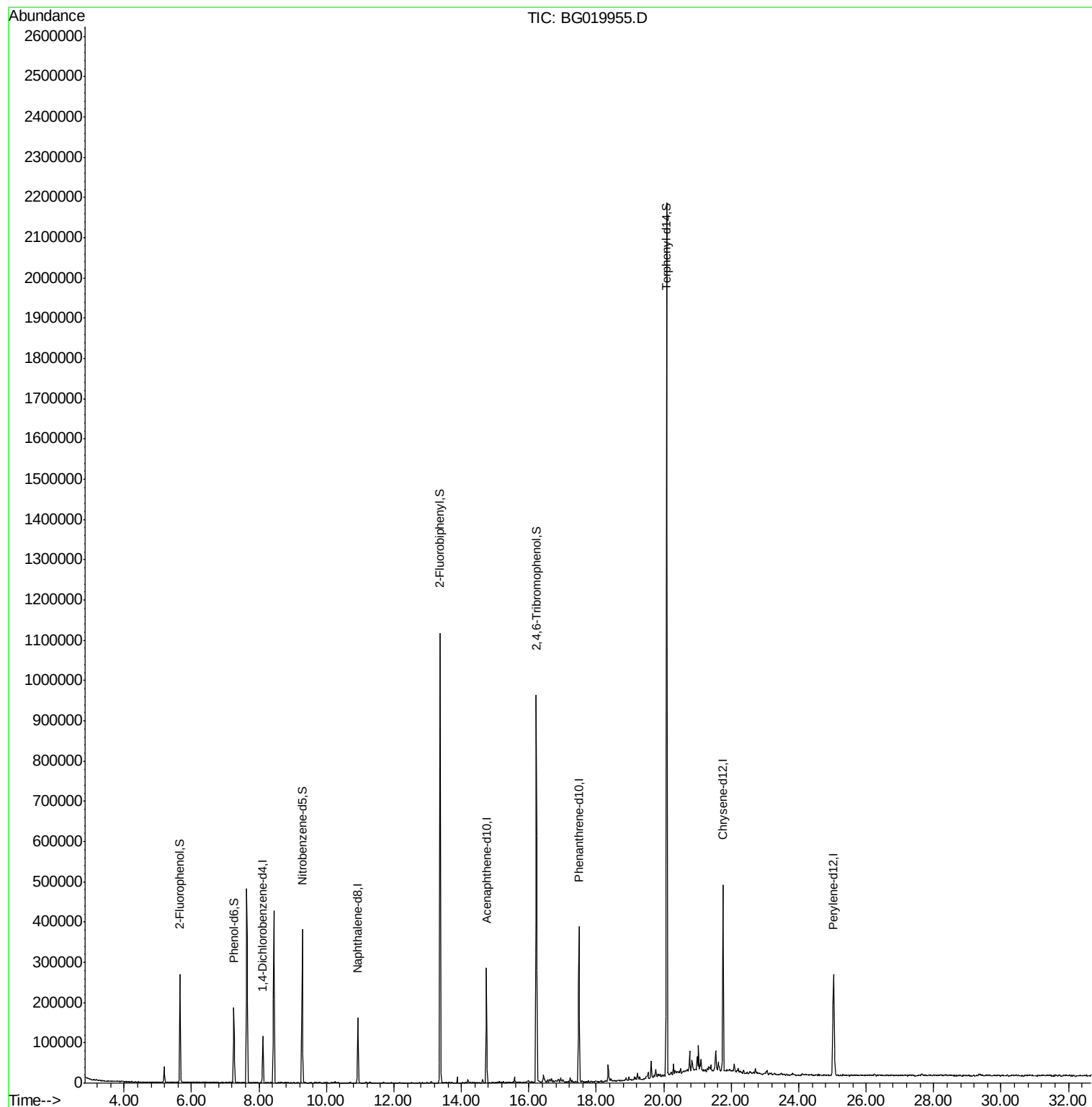
Target Compounds Qvalue

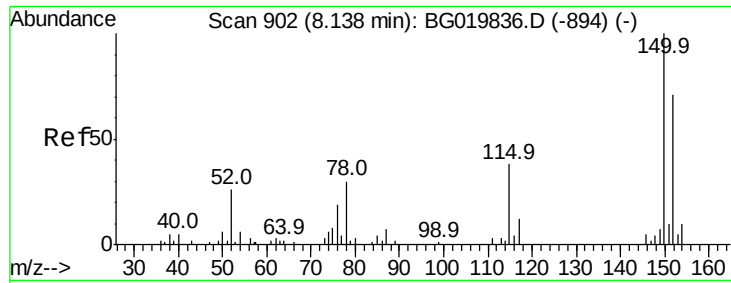
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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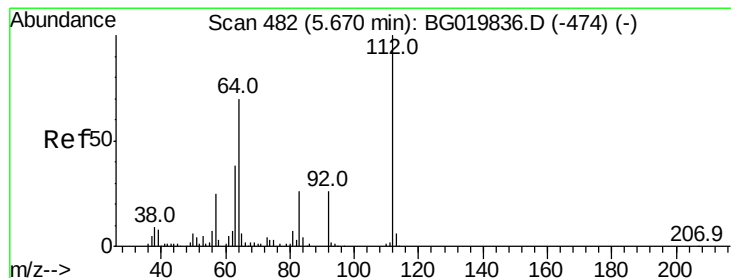
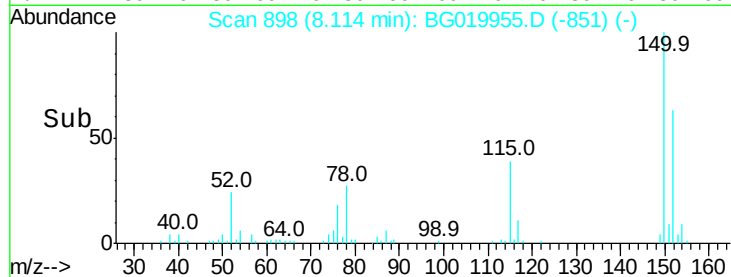
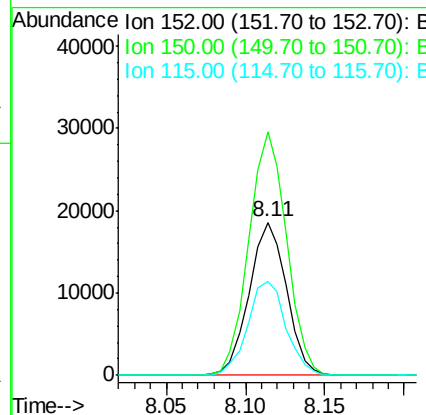
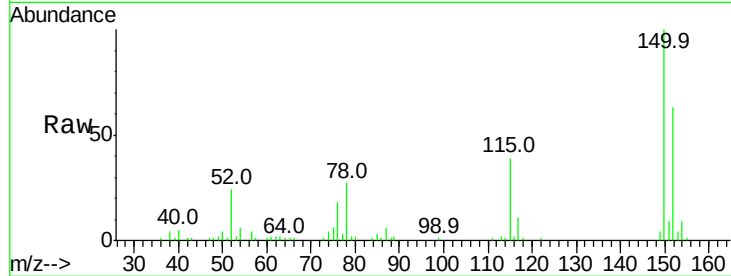


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019955.D
Acq: 5 Dec 2015 23:27

Instrument :
BNA_G
ClientSampleId :
MW-27

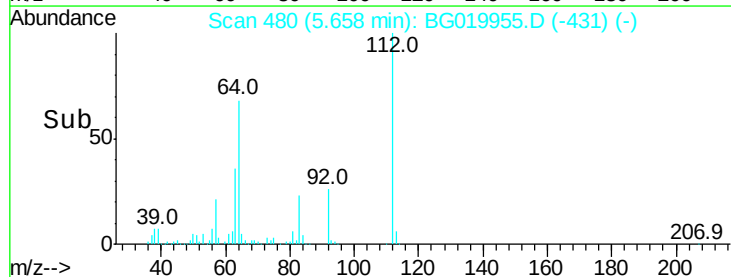
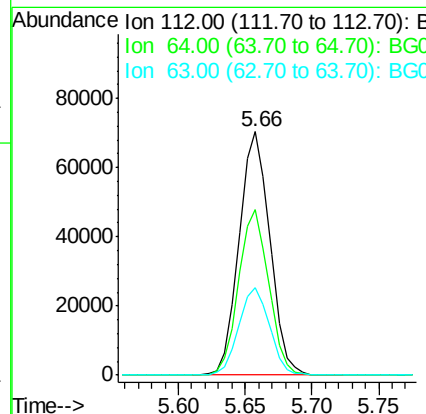
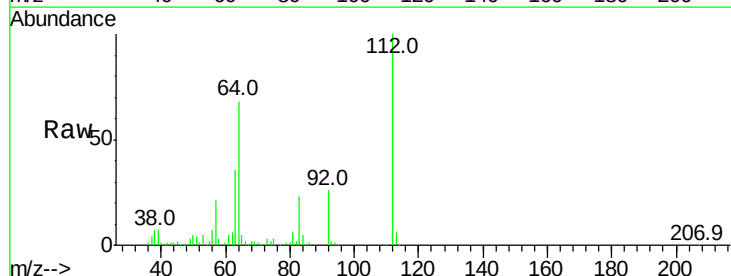
Tot Ion:152 Resp: 30519
Ion Ratio Lower Upper
152 100
150 158.9 115.0 172.4
115 61.6 43.9 65.9

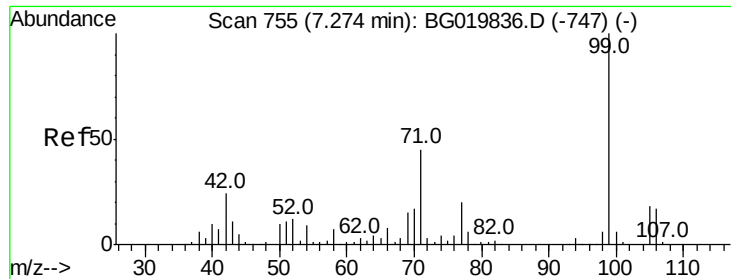


#5

2-Fluorophenol
Concen: 66.55 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019955.D
Acq: 5 Dec 2015 23:27

Tgt Ion:112 Resp: 112377
Ion Ratio Lower Upper
112 100
64 67.9 43.7 65.5#
63 36.0 24.0 36.0#





#7

Phenol-d6

Concen: 40.74 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

Instrument :

BNA_G

ClientSampleId :

MW-27

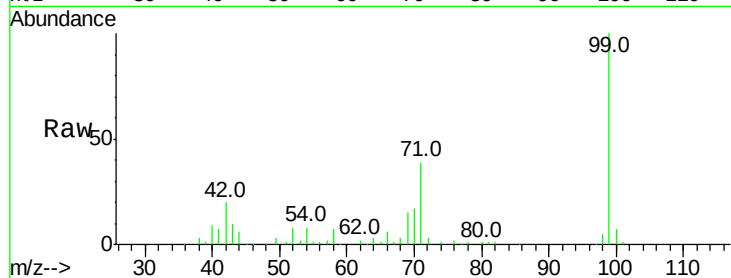
Tot Ion: 99 Resp: 103872

Ion Ratio Lower Upper

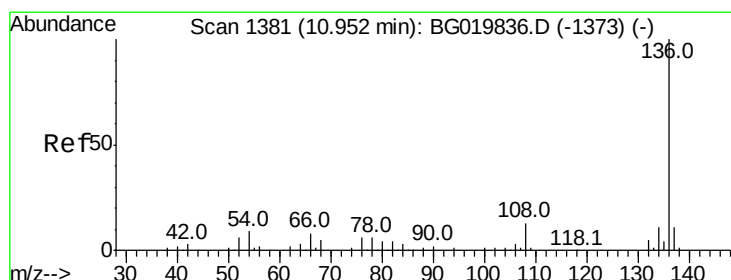
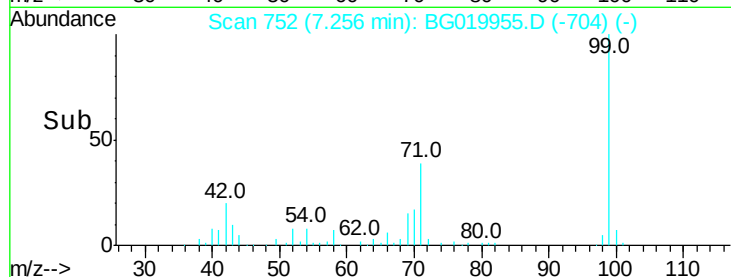
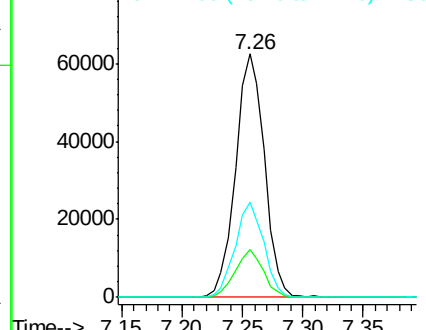
99 100

42 19.6 11.5 17.3#

71 39.3 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: BG019955.D

Acq: 5 Dec 2015 23:27

Tgt Ion: 136 Resp: 136300

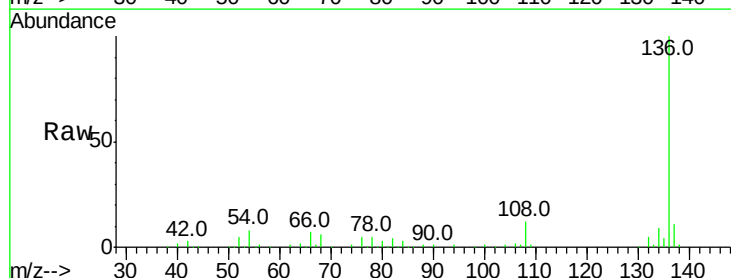
Ion Ratio Lower Upper

136 100

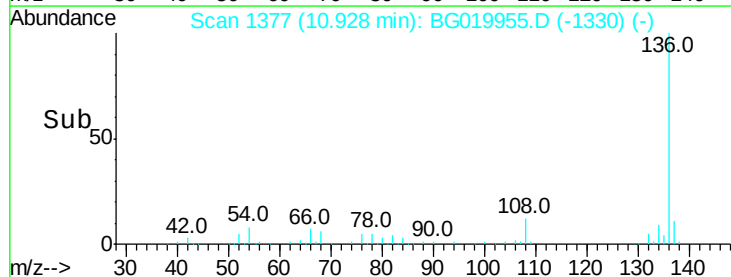
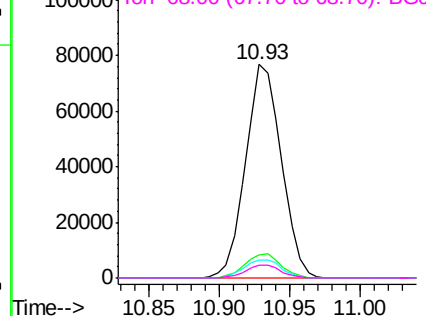
137 10.8 8.6 12.8

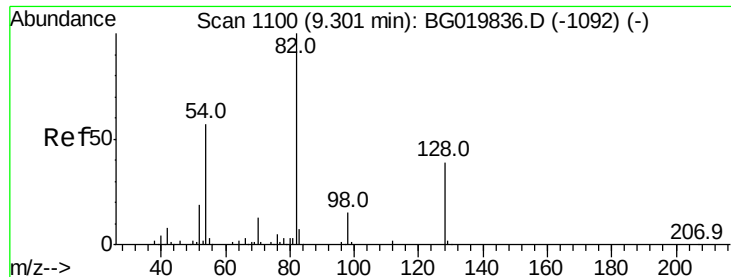
54 8.3 5.4 8.2#

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

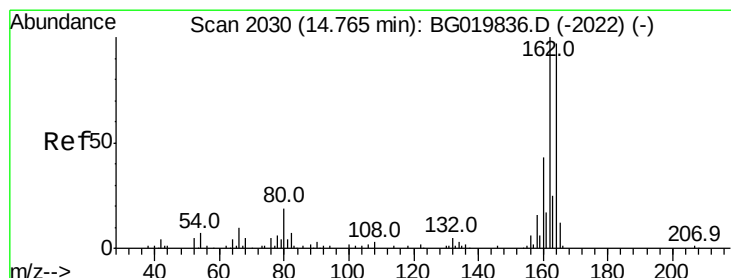
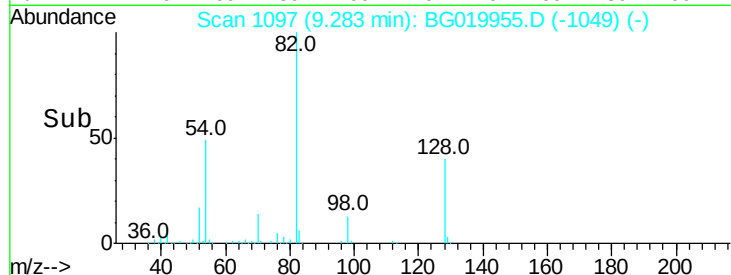
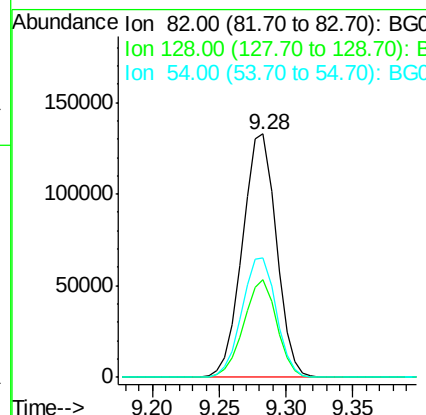
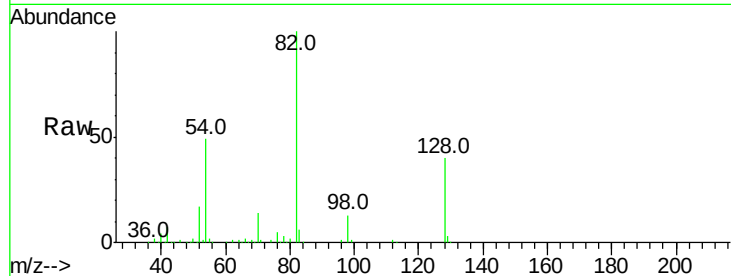




#23
Nitrobenzene-d5
Concen: 87.56 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019955.D
Acq: 5 Dec 2015 23:27

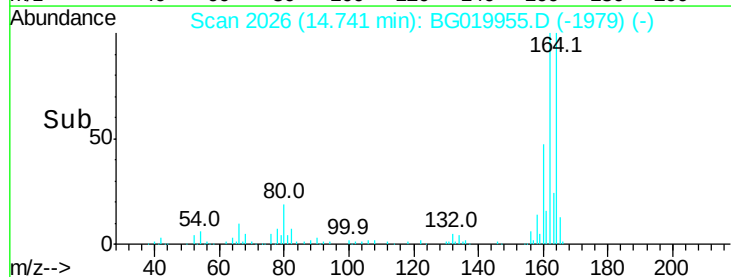
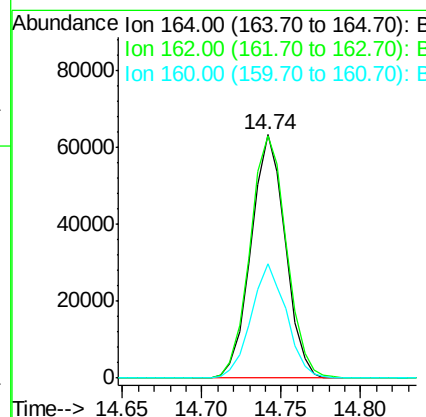
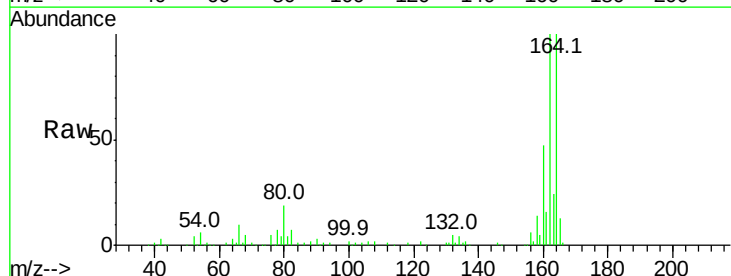
Instrument :
BNA_G
ClientSampleId :
MW-27

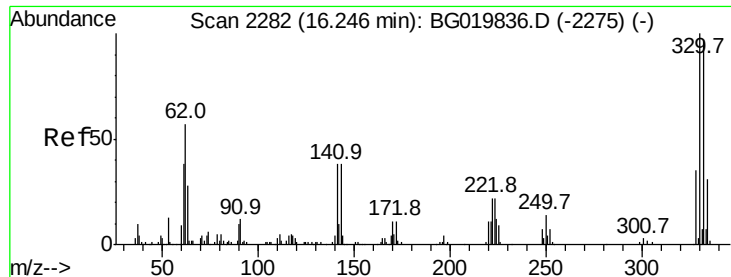
Tot Ion: 82 Resp: 233854
Ion Ratio Lower Upper
82 100
128 40.2 36.7 55.1
54 49.0 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019955.D
Acq: 5 Dec 2015 23:27

Tgt Ion:164 Resp: 94961
Ion Ratio Lower Upper
164 100
162 99.7 78.8 118.2
160 47.2 36.4 54.6

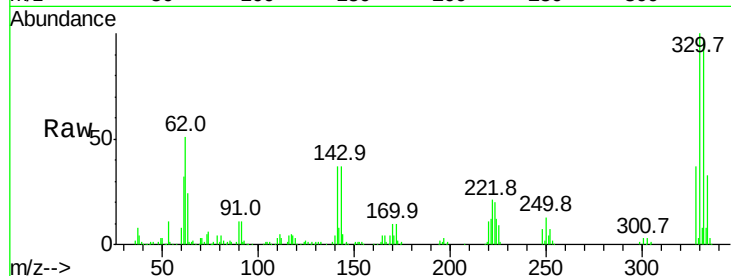




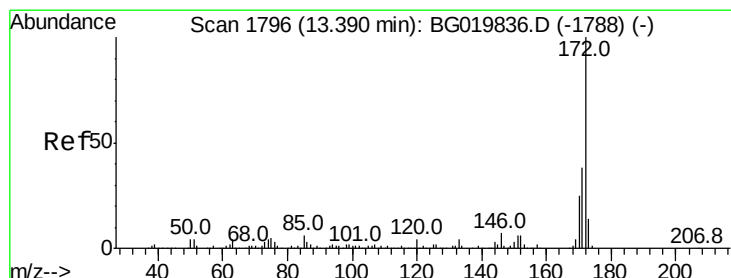
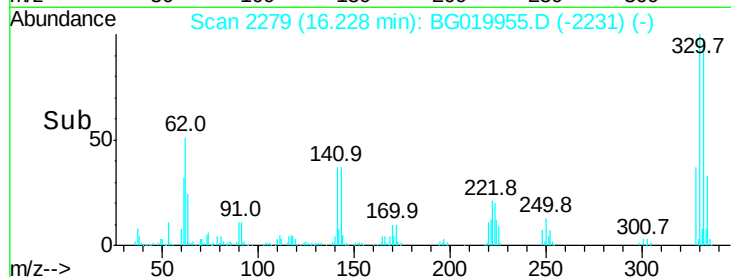
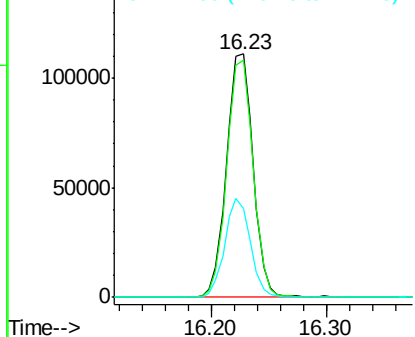
#41
 2,4,6-Tribromophenol
 Concen: 122.06 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

Instrument :
 BNA_G
 ClientSampleID :
 MW-27

Tot Ion:330 Resp: 177349
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.1 117.1
 141 39.2 28.2 42.2

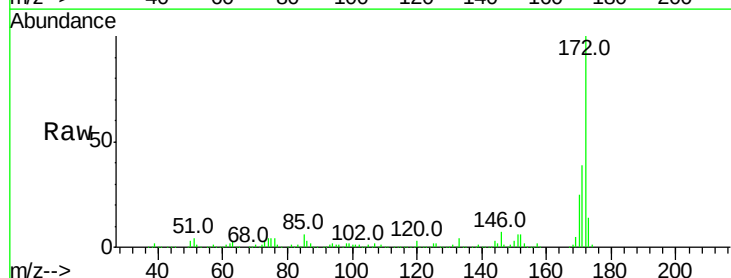


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

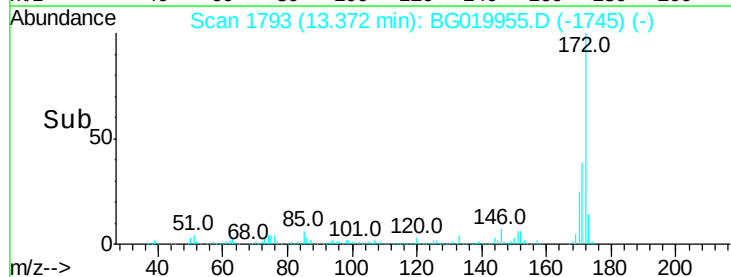
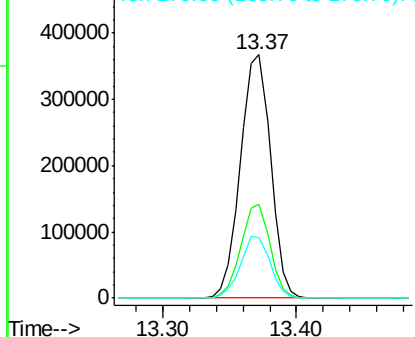


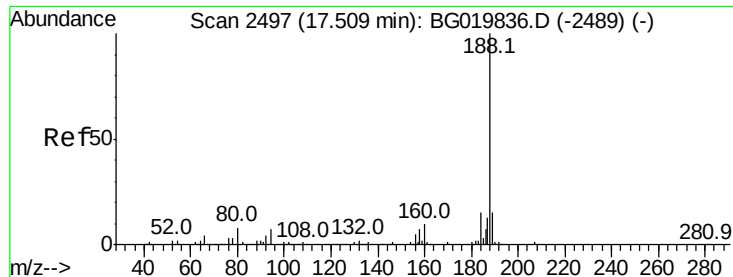
#44
 2-Fluorobiphenyl
 Concen: 82.51 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

Tgt Ion:172 Resp: 573834
 Ion Ratio Lower Upper
 172 100
 171 38.5 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# 2493

Delta R.T. -0.02 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

Instrument :

BNA_G

ClientSampleId :

MW-27

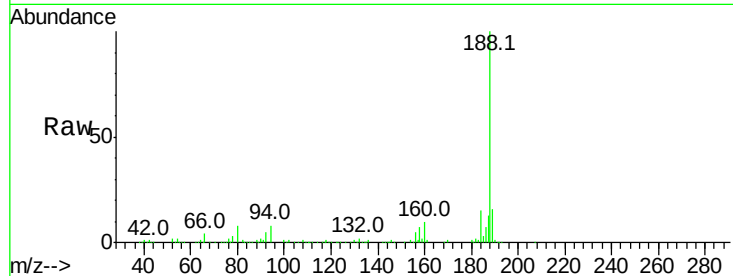
Tot Ion:188 Resp: 241041

Ion Ratio Lower Upper

188 100

94 7.7 7.7 11.5#

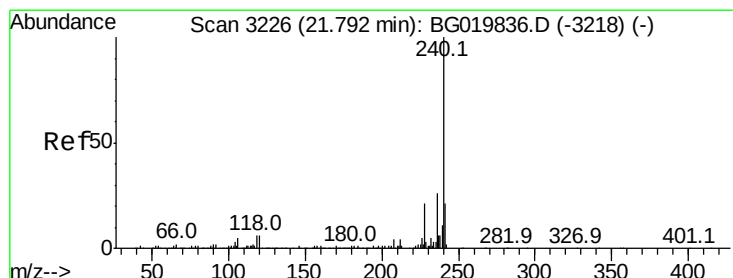
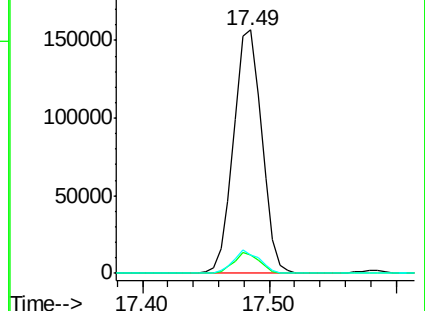
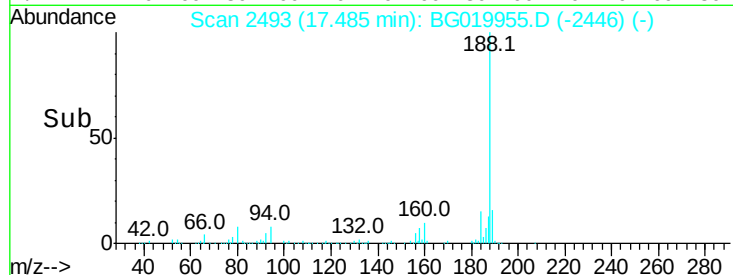
80 7.7 7.8 11.8#



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: BG019955.D

Acq: 5 Dec 2015 23:27

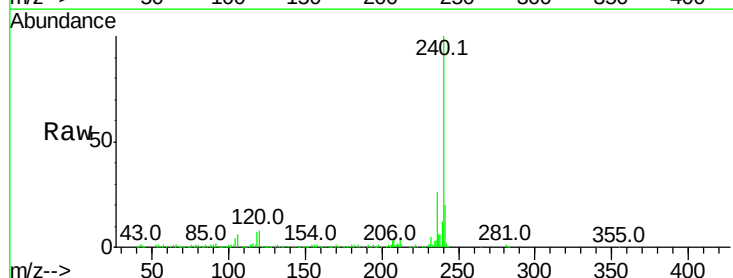
Tgt Ion:240 Resp: 291986

Ion Ratio Lower Upper

240 100

120 7.9 7.4 11.0

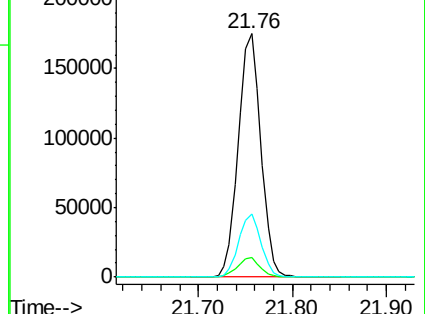
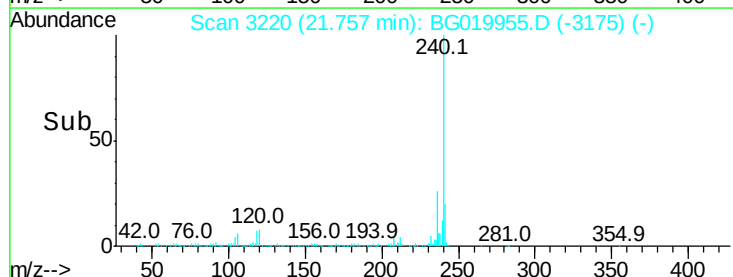
236 26.1 20.7 31.1

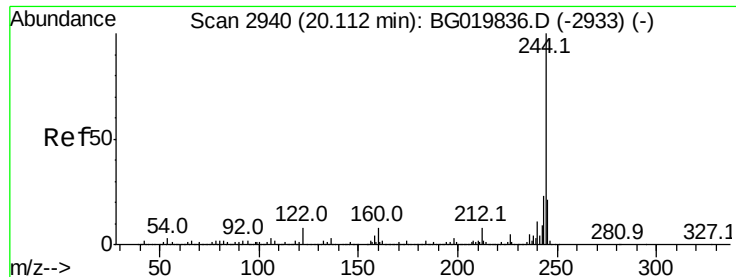


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.12 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

Instrument :

BNA_G

ClientSampleId :

MW-27

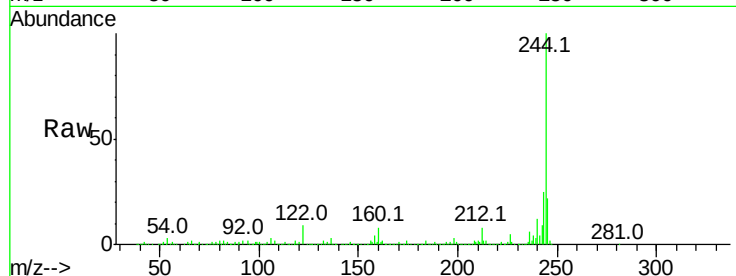
Tot Ion:244 Resp: 959137

Ion Ratio Lower Upper

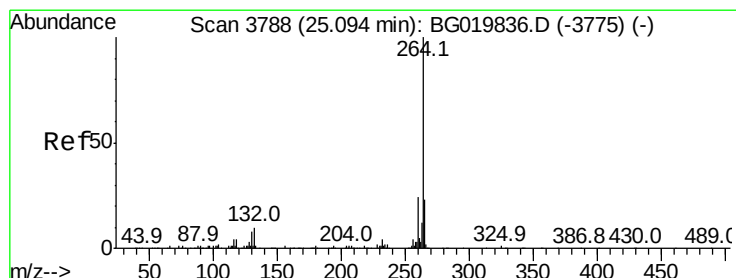
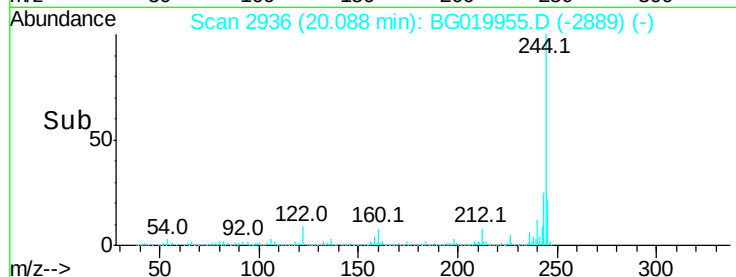
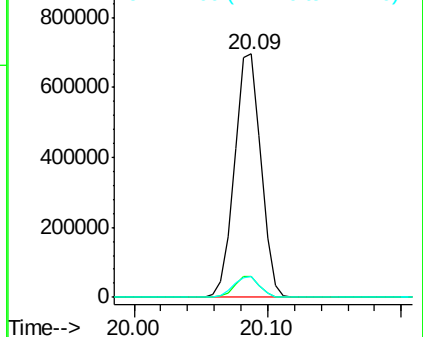
244 100

212 8.4 6.9 10.3

122 8.7 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: 25.03 min Scan# 3777

Delta R.T. -0.07 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

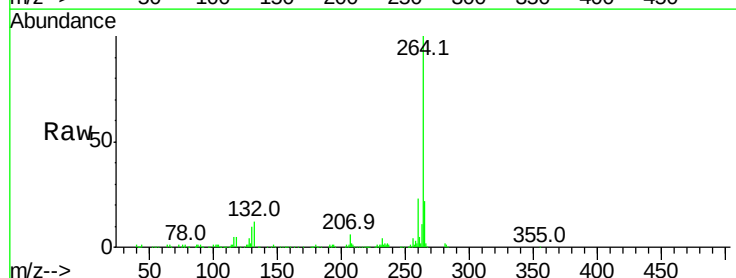
Tgt Ion:264 Resp: 274128

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.6 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

