

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020052.D
 Acq On : 9 Dec 2015 20:35
 Operator : UM/SJ
 Sample : G4659-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-3C

Quant Time: Dec 10 00:52:31 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	20679	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	87119	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	60101	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	147802	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	179977	20.00	ng	-0.04
86) Perylene-d12	25.03	264	168151	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	148352	129.66	ng	0.00
7) Phenol-d6	7.26	99	202938	117.47	ng	-0.02
23) Nitrobenzene-d5	9.28	82	154528	90.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	113745	123.69	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	379767	86.28	ng	-0.03
78) Terphenyl-d14	20.08	244	660196	89.47	ng	-0.03

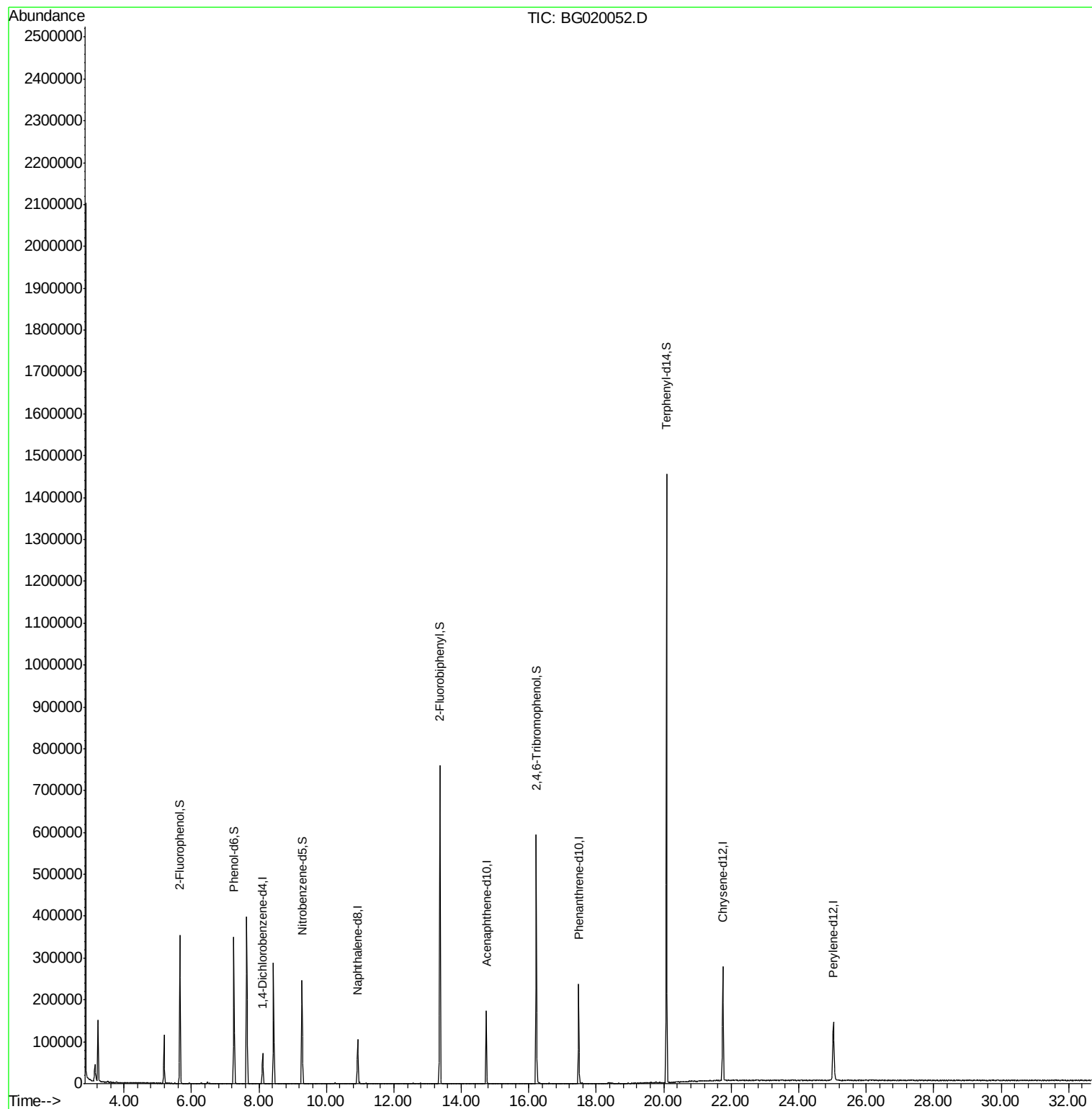
Target Compounds Qvalue

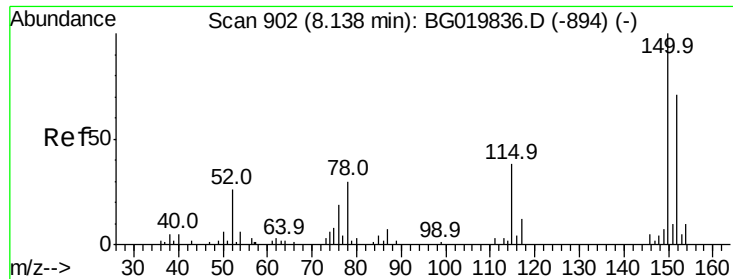
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020052.D

Acq: 9 Dec 2015 20:35

Instrument :

BNA_G

ClientSampleId :

A8-3C

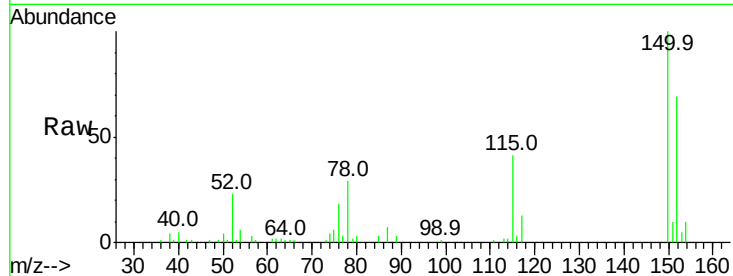
Tot Ion:152 Resp: 20679

Ion Ratio Lower Upper

152 100

150 144.5 115.0 172.4

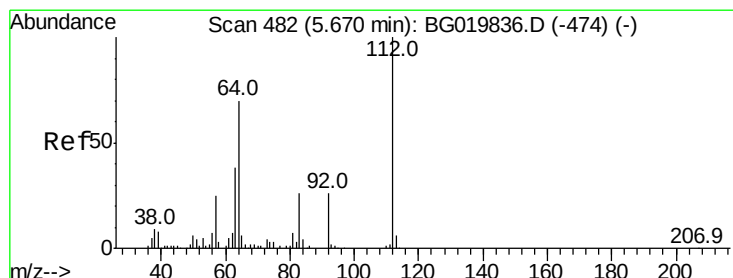
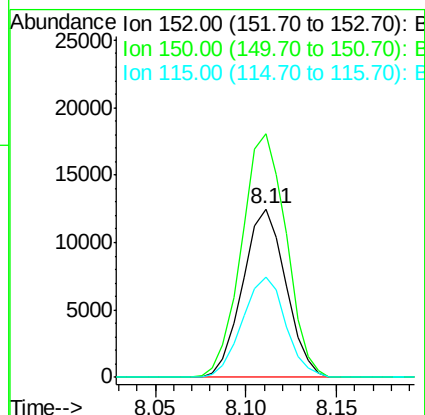
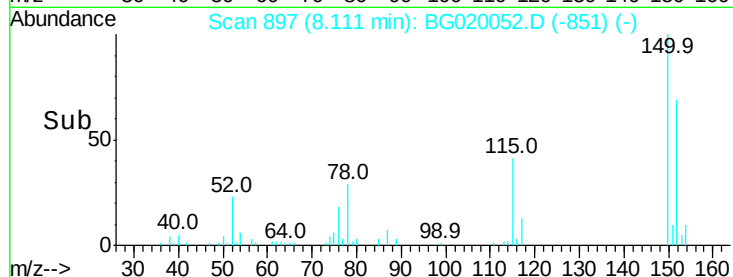
115 59.6 43.9 65.9



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: 129.66 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020052.D

Acq: 9 Dec 2015 20:35

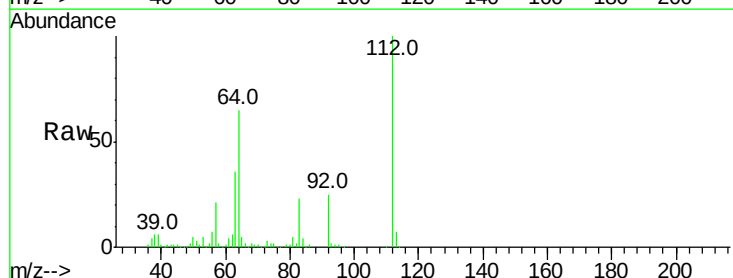
Tgt Ion:112 Resp: 148352

Ion Ratio Lower Upper

112 100

64 65.5 43.7 65.5

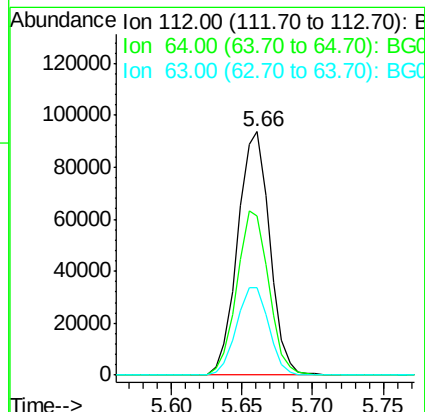
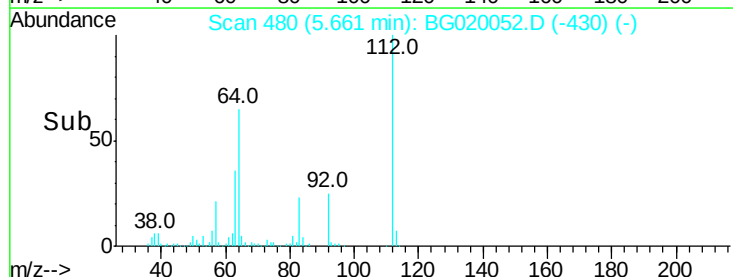
63 35.7 24.0 36.0

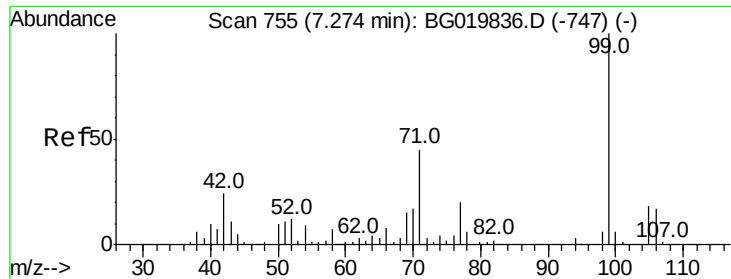


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.47 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020052.D

Acq: 9 Dec 2015 20:35

Instrument :

BNA_G

ClientSampleId :

A8-3C

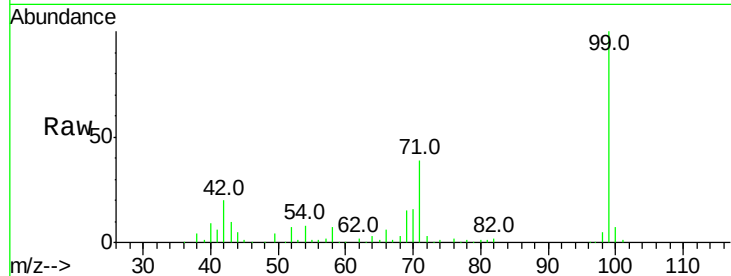
Tot Ion: 99 Resp: 202938

Ion Ratio Lower Upper

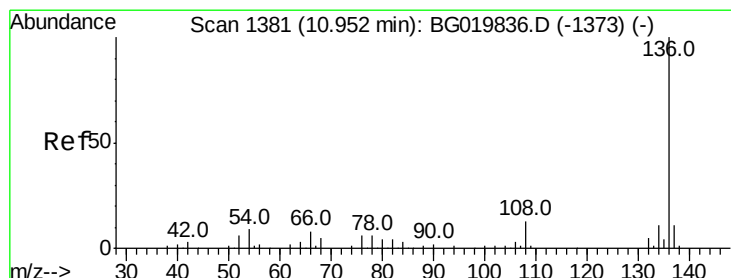
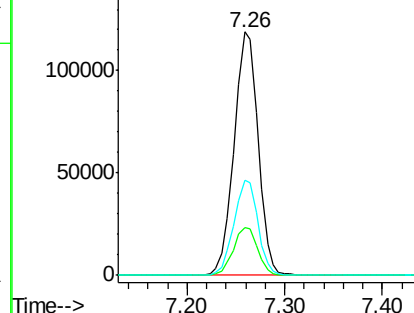
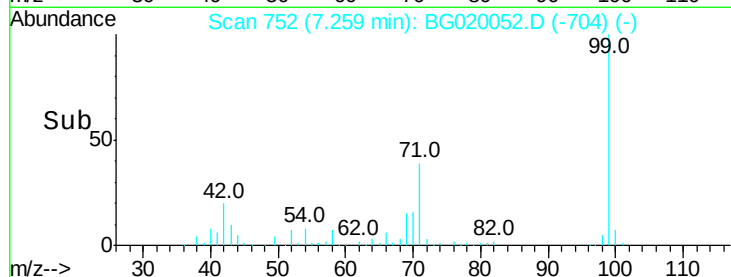
99 100

42 19.9 11.5 17.3#

71 39.2 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# 1376

Delta R.T. -0.03 min

Lab File: BG020052.D

Acq: 9 Dec 2015 20:35

Tgt Ion: 136 Resp: 87119

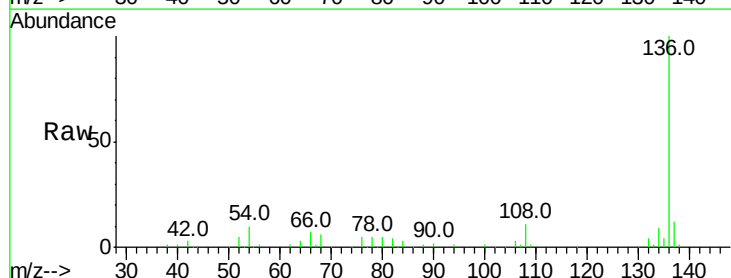
Ion Ratio Lower Upper

136 100

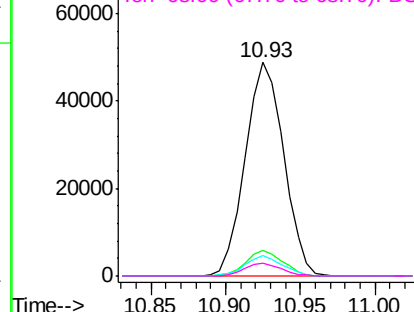
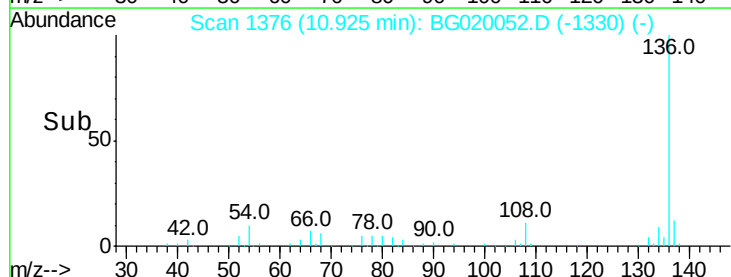
137 11.9 8.6 12.8

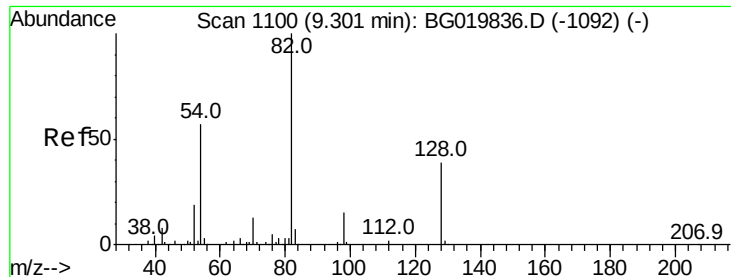
54 9.8 5.4 8.2#

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

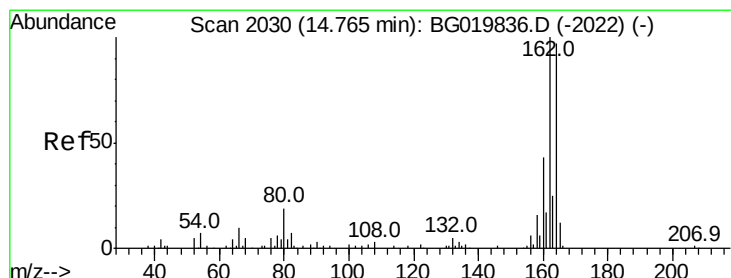
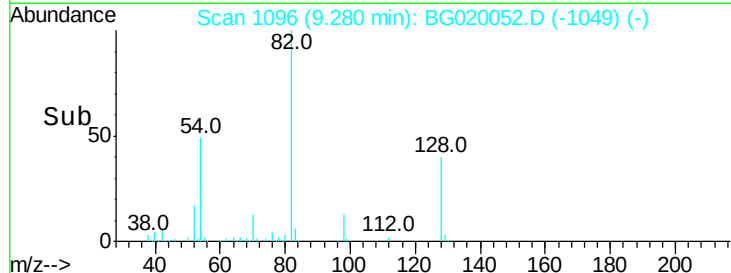
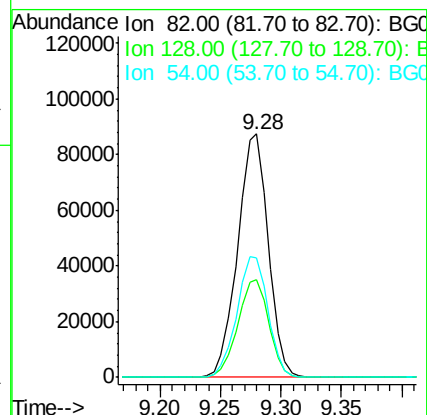
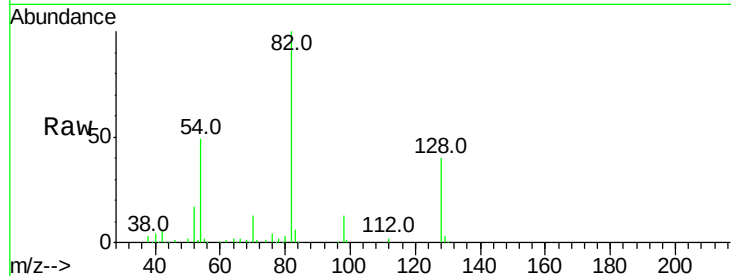




#23
Nitrobenzene-d5
Concen: 90.52 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020052.D
Acq: 9 Dec 2015 20:35

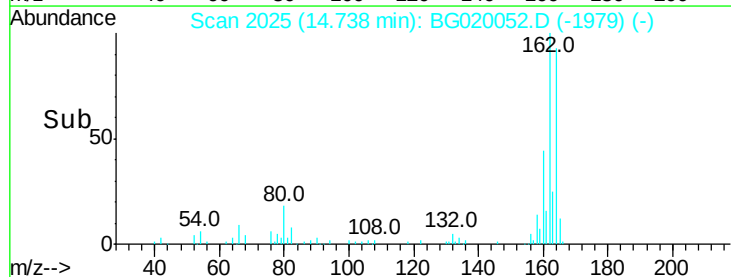
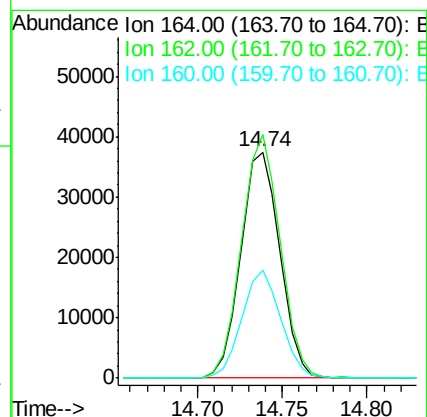
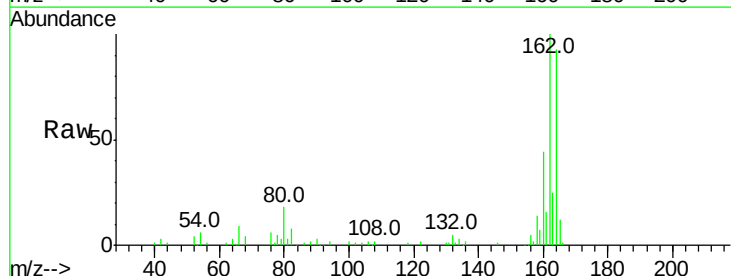
Instrument :
BNA_G
ClientSampled :
A8-3C

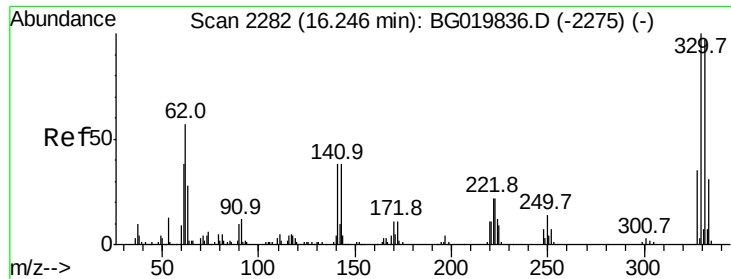
Tot Ion: 82 Resp: 154528
Ion Ratio Lower Upper
82 100
128 39.9 36.7 55.1
54 49.3 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020052.D
Acq: 9 Dec 2015 20:35

Tgt Ion: 164 Resp: 60101
Ion Ratio Lower Upper
164 100
162 107.6 78.8 118.2
160 47.5 36.4 54.6

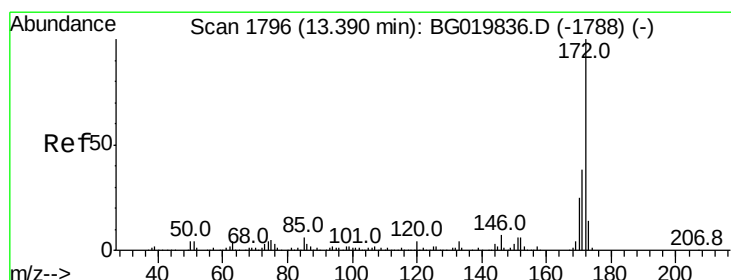
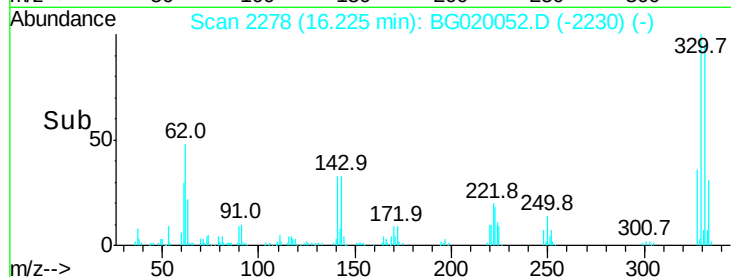
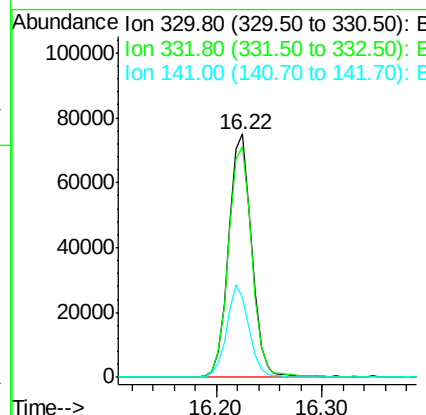
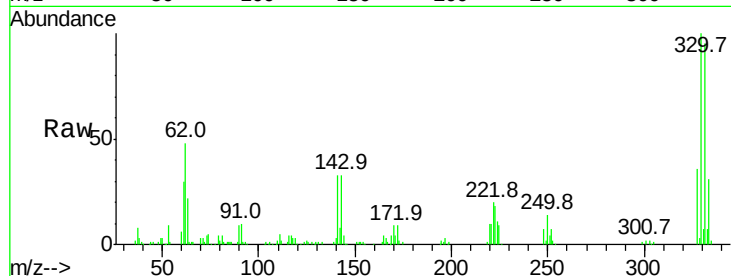




#41
 2,4,6-Tribromophenol
 Concen: 123.69 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020052.D
 Acq: 9 Dec 2015 20:35

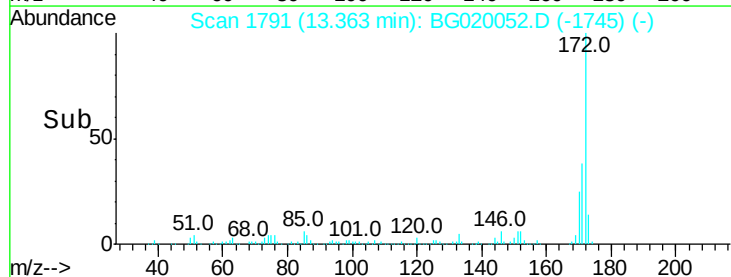
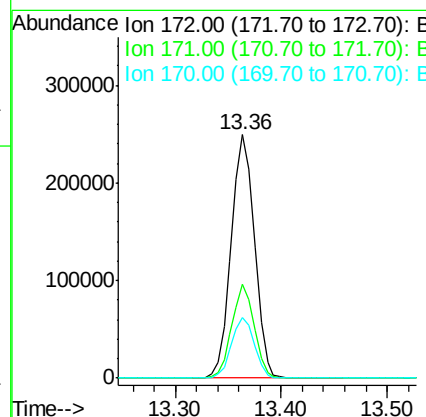
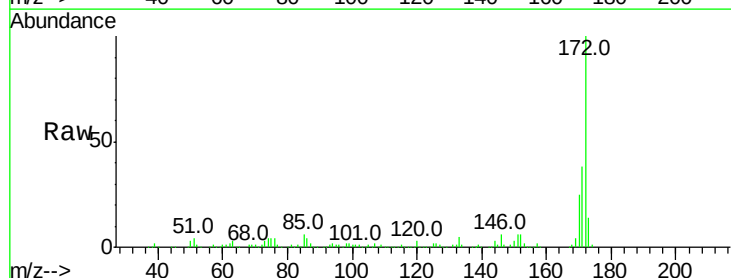
Instrument :
 BNA_G
 ClientSampleId :
 A8-3C

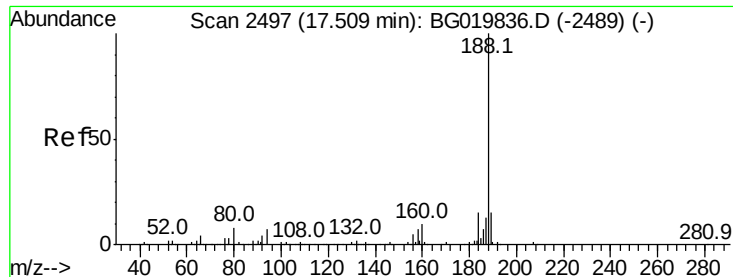
Tot Ion:330 Resp: 113745
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.1 117.1
 141 36.6 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020052.D
 Acq: 9 Dec 2015 20:35

Tgt Ion:172 Resp: 379767
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.0 43.6
 170 25.0 19.9 29.9

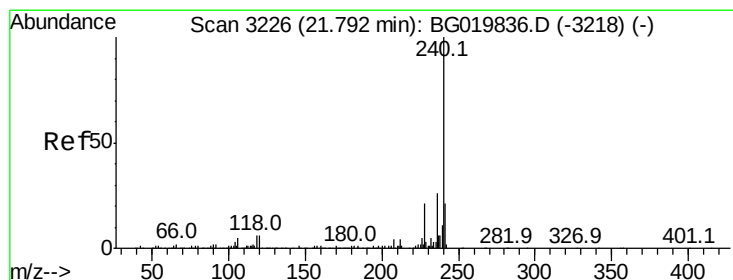
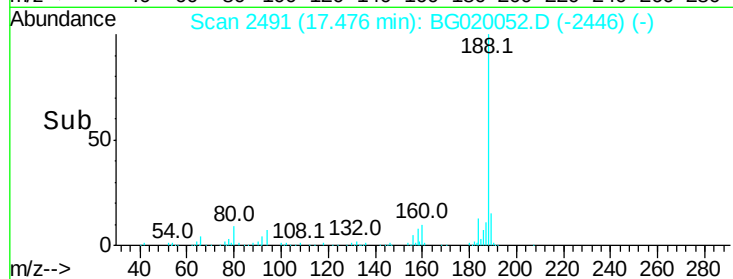
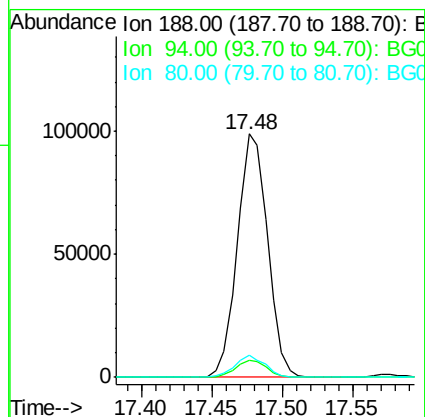
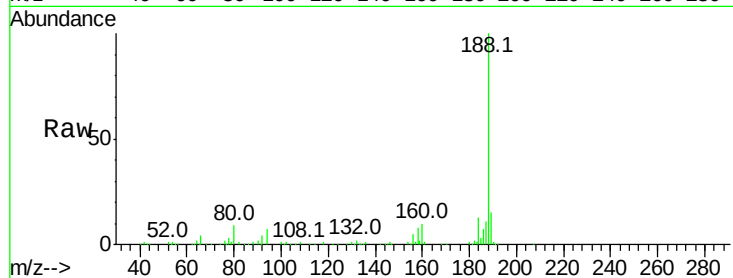




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2491
Delta R.T. -0.03 min
Lab File: BG020052.D
Acq: 9 Dec 2015 20:35

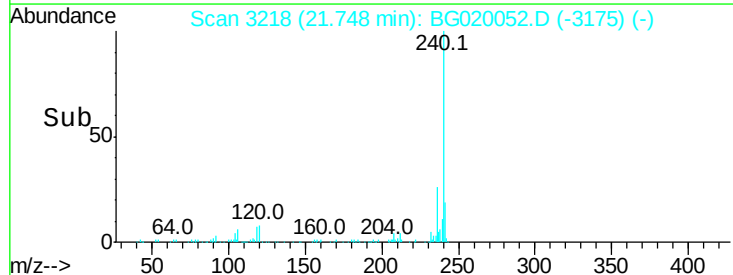
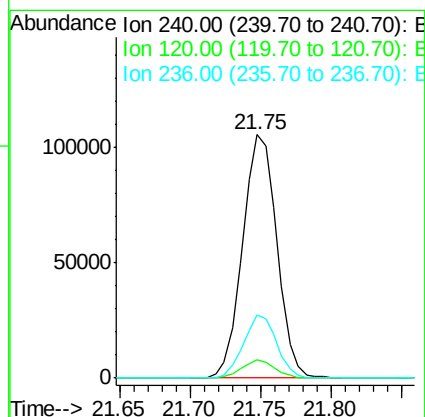
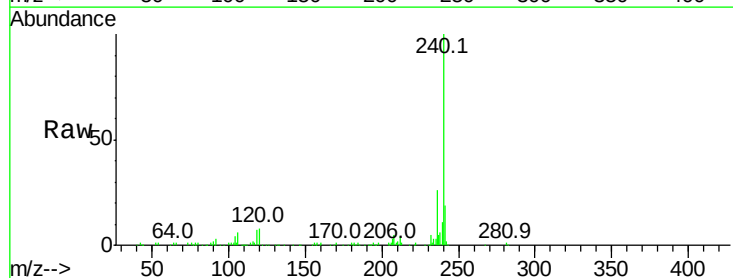
Instrument :
BNA_G
ClientSampled :
A8-3C

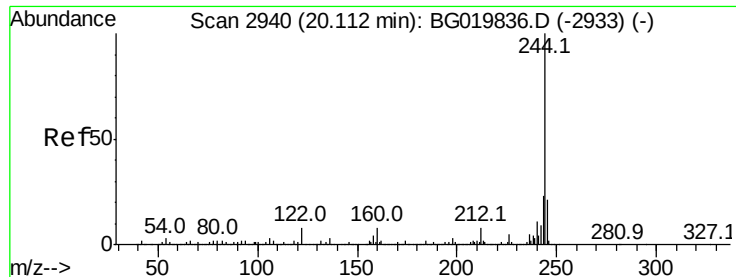
Tot Ion:188 Resp: 147802
Ion Ratio Lower Upper
188 100
94 7.3 7.7 11.5#
80 9.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.04 min
Lab File: BG020052.D
Acq: 9 Dec 2015 20:35

Tgt Ion:240 Resp: 179977
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 89.47 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG020052.D

Acq: 9 Dec 2015 20:35

Instrument :

BNA_G

ClientSampleId :

A8-3C

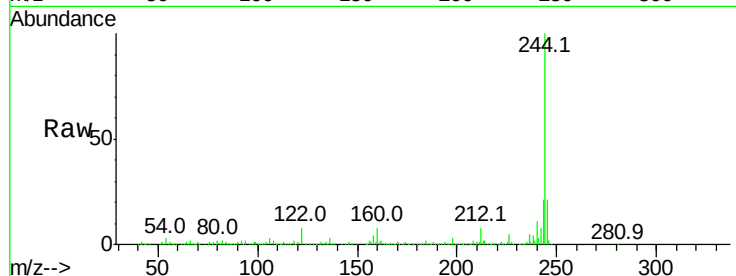
Tot Ion:244 Resp: 660196

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

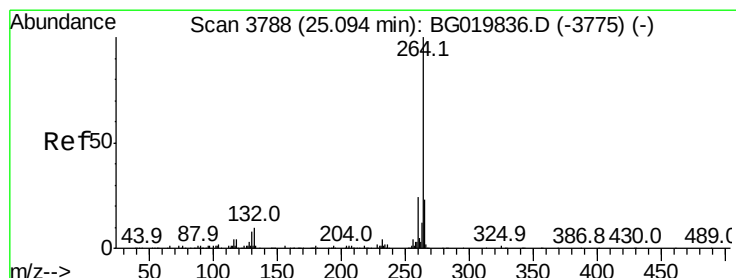
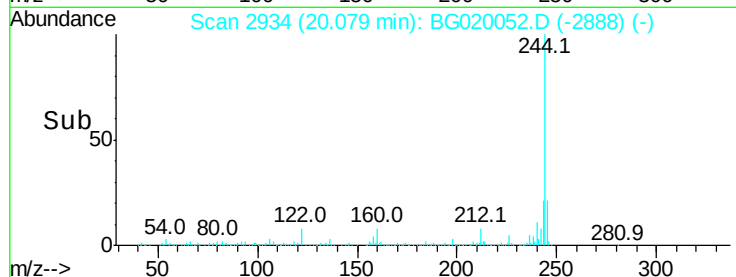
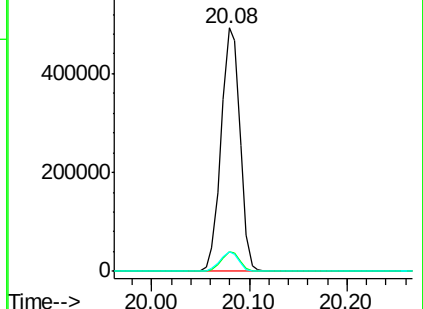
122 8.1 10.2 15.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3776

Delta R.T. -0.07 min

Lab File: BG020052.D

Acq: 9 Dec 2015 20:35

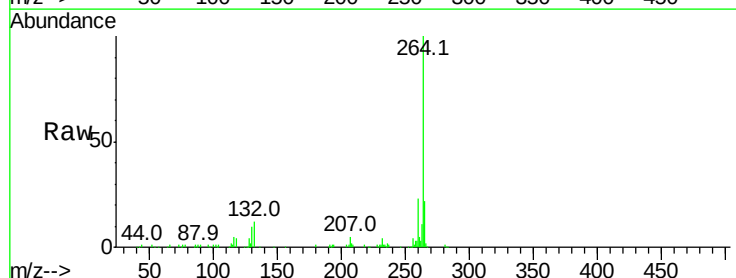
Tgt Ion:264 Resp: 168151

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 22.3 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

