

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020053.D
 Acq On : 9 Dec 2015 21:14
 Operator : UM/SJ
 Sample : G4659-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

Quant Time: Dec 10 00:52:47 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	20239	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	85734	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	58758	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	145808	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	181828	20.00	ng	-0.04
86) Perylene-d12	25.03	264	165394	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	151791	135.55	ng	-0.01
7) Phenol-d6	7.26	99	205760	121.70	ng	-0.01
23) Nitrobenzene-d5	9.28	82	161792	96.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	121159	134.76	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	397807	92.44	ng	-0.03
78) Terphenyl-d14	20.08	244	713346	95.69	ng	-0.03

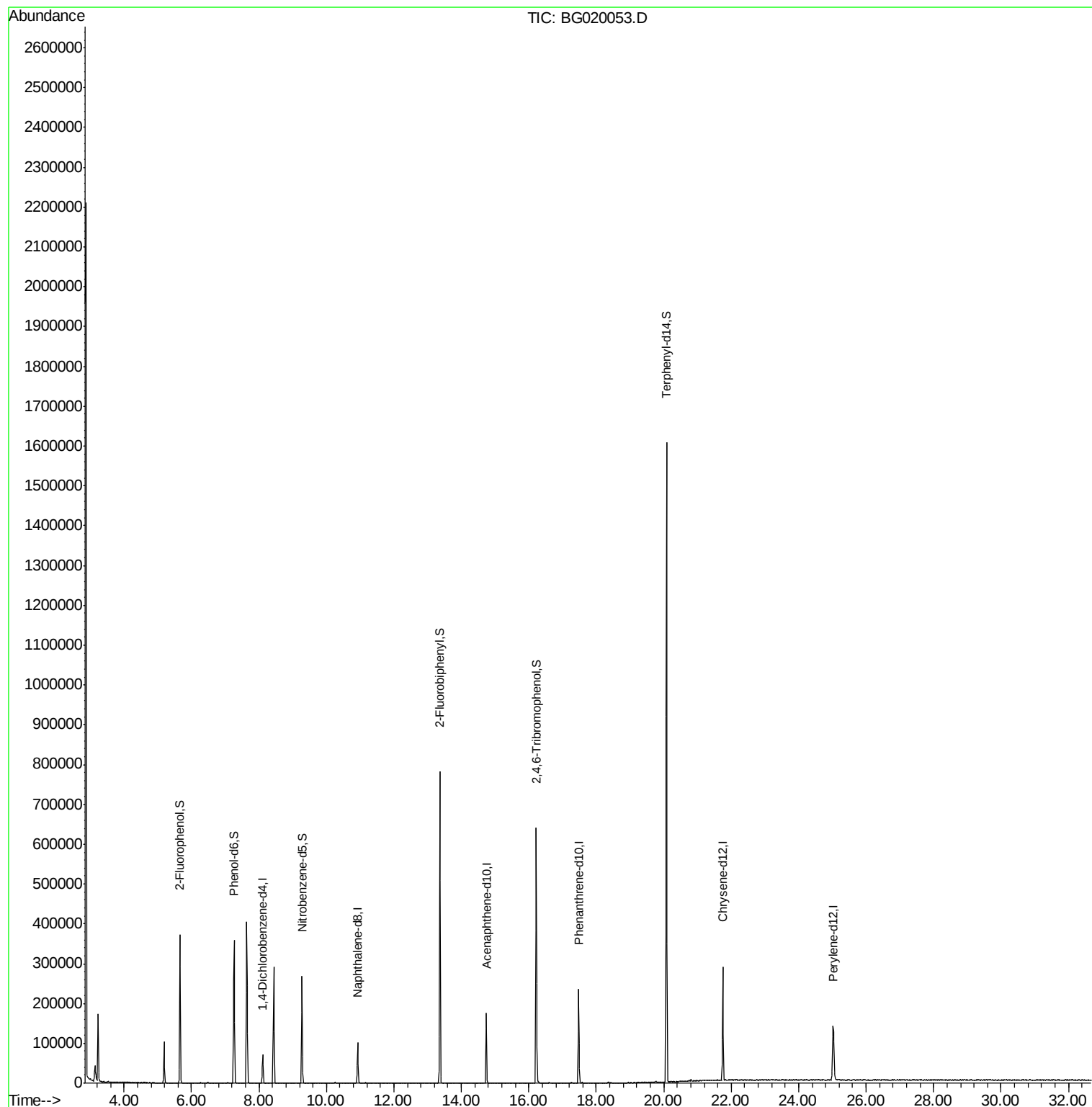
Target Compounds Qvalue

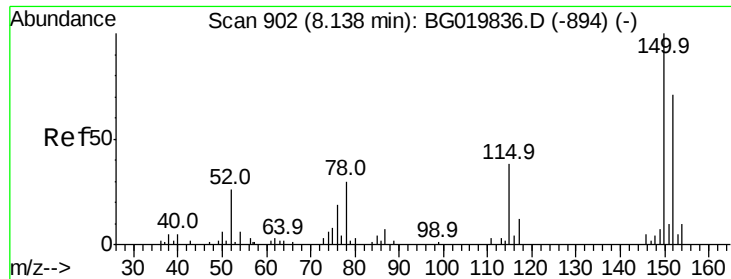
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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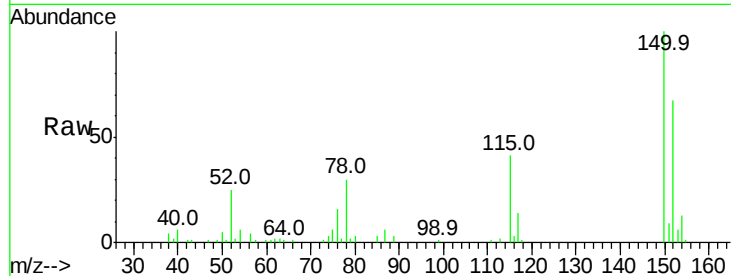


#1

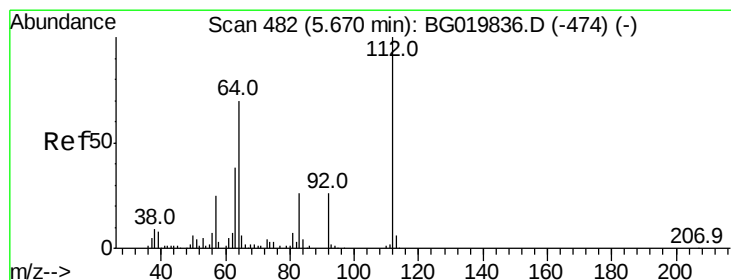
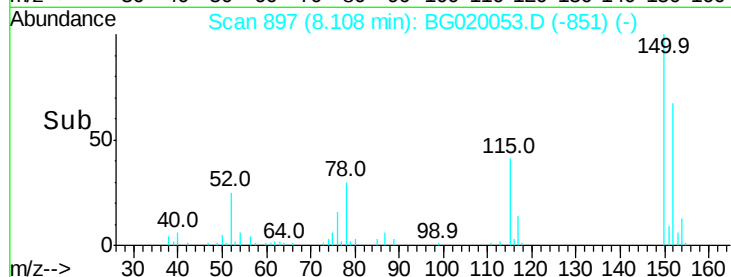
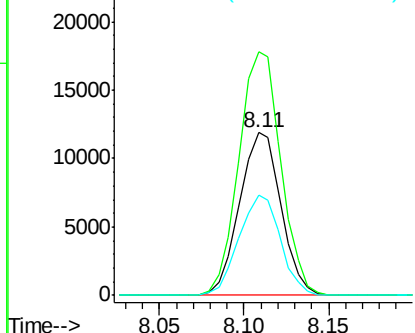
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020053.D
Acq: 9 Dec 2015 21:14

Instrument :
BNA_G
ClientSampleId :
A8-4C

Tot Ion:152 Resp: 20239
Ion Ratio Lower Upper
152 100
150 149.7 115.0 172.4
115 61.9 43.9 65.9



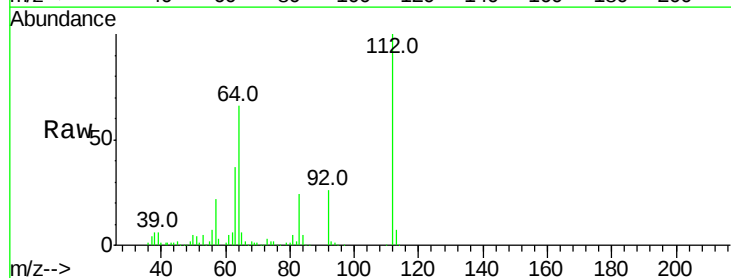
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



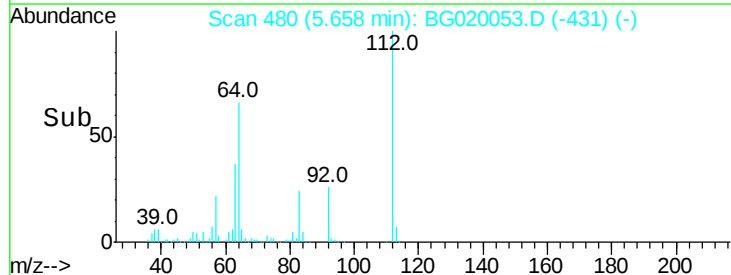
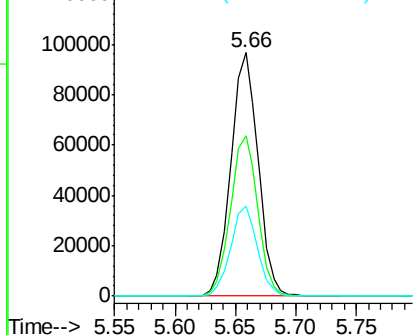
#5

2-Fluorophenol
Concen: 135.55 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020053.D
Acq: 9 Dec 2015 21:14

Tgt Ion:112 Resp: 151791
Ion Ratio Lower Upper
112 100
64 66.0 43.7 65.5#
63 37.0 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: 121.70 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020053.D

Acq: 9 Dec 2015 21:14

Instrument :

BNA_G

ClientSampleId :

A8-4C

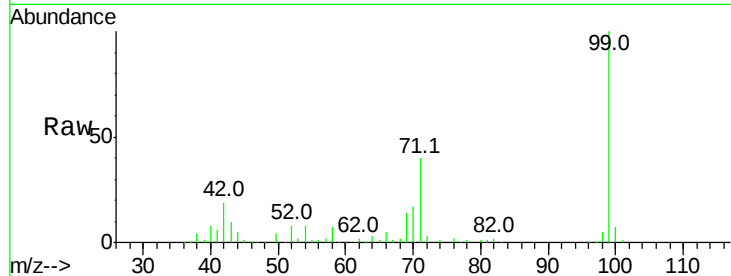
Tot Ion: 99 Resp: 205760

Ion Ratio Lower Upper

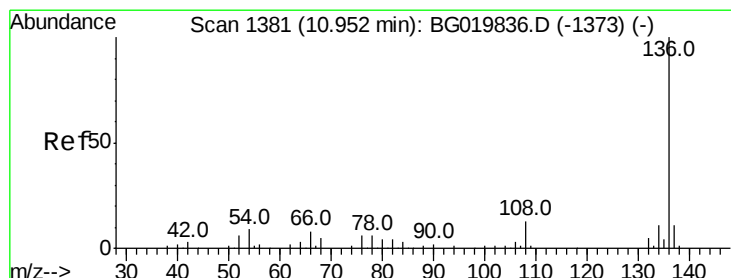
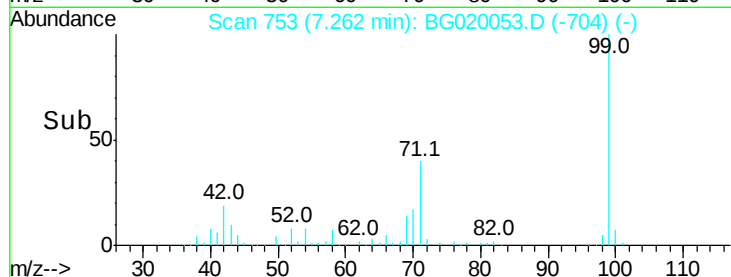
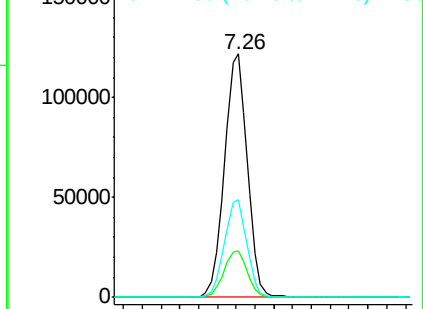
99 100

42 18.9 11.5 17.3#

71 40.0 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: BG020053.D

Acq: 9 Dec 2015 21:14

Tgt Ion: 136 Resp: 85734

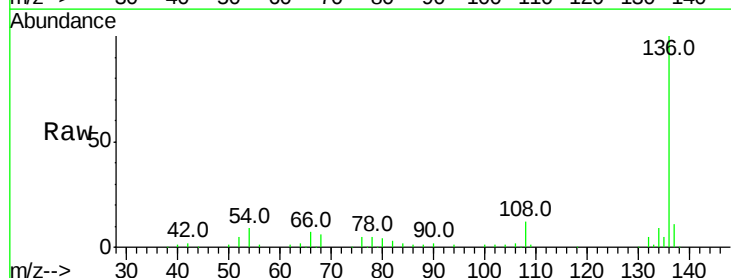
Ion Ratio Lower Upper

136 100

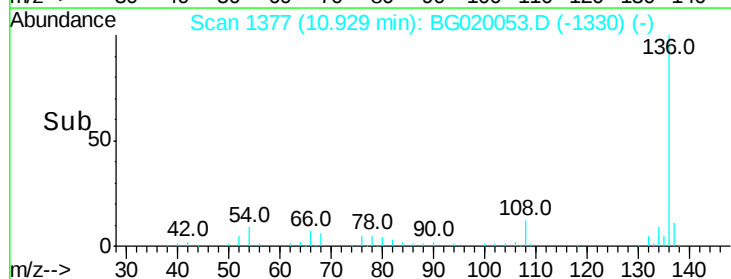
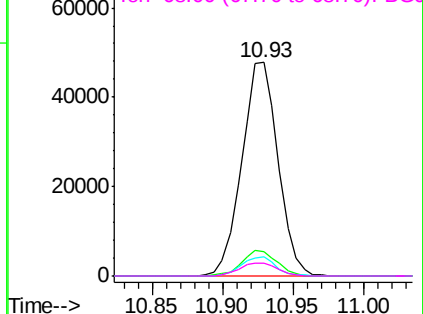
137 11.4 8.6 12.8

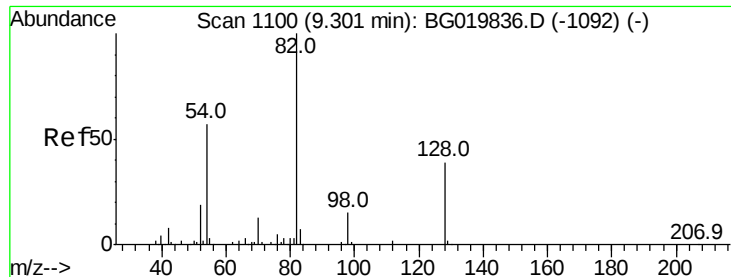
54 9.0 5.4 8.2#

68 6.3 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

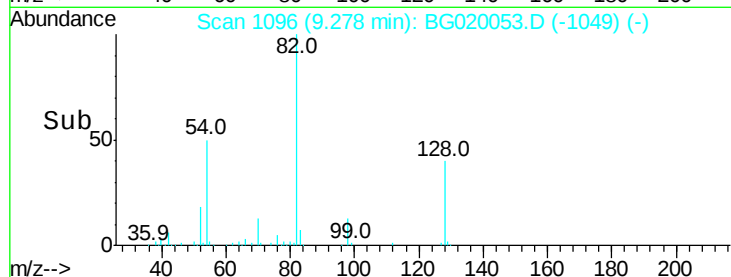
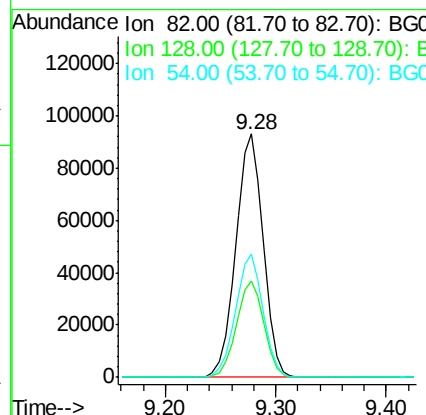
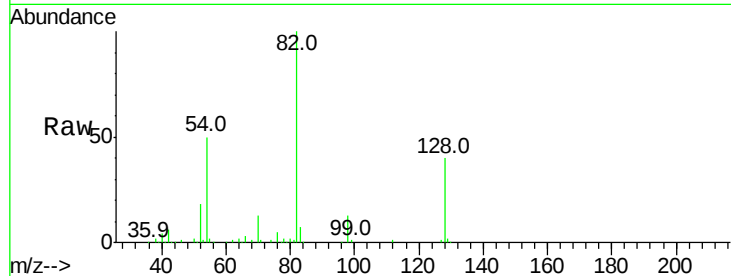




#23
Nitrobenzene-d5
Concen: 96.31 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020053.D
Acq: 9 Dec 2015 21:14

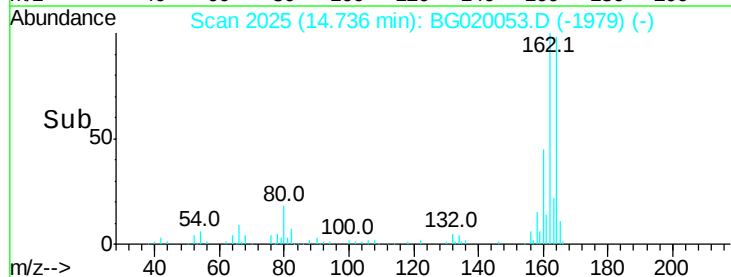
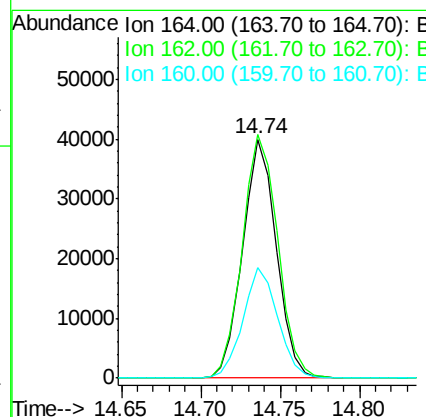
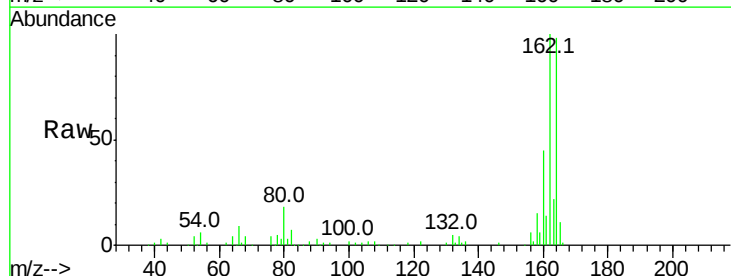
Instrument :
BNA_G
ClientSampleId :
A8-4C

Tot Ion: 82 Resp: 161792
Ion Ratio Lower Upper
82 100
128 39.8 36.7 55.1
54 50.4 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: BG020053.D
Acq: 9 Dec 2015 21:14

Tgt Ion: 164 Resp: 58758
Ion Ratio Lower Upper
164 100
162 102.1 78.8 118.2
160 46.3 36.4 54.6

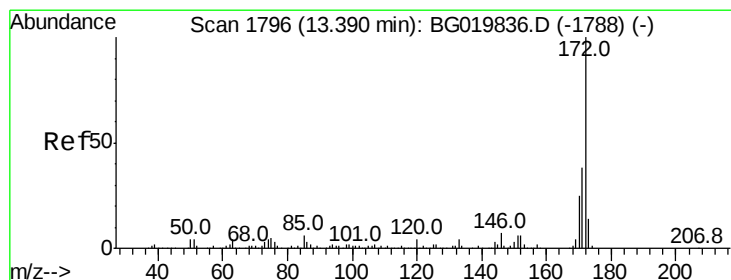
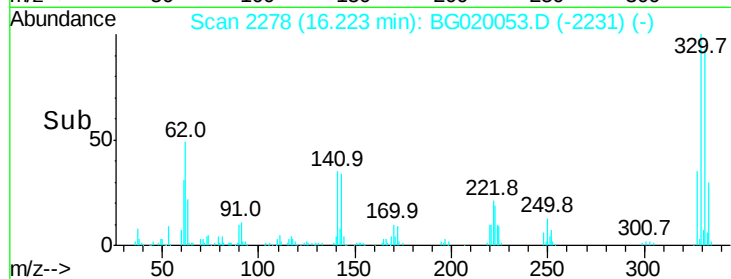
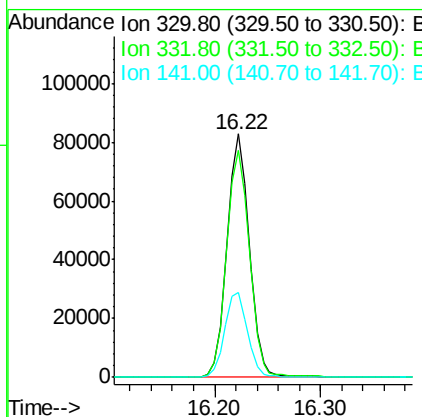
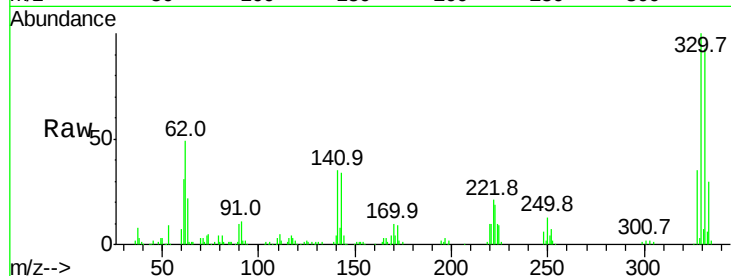




#41
 2,4,6-Tribromophenol
 Concen: 134.76 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

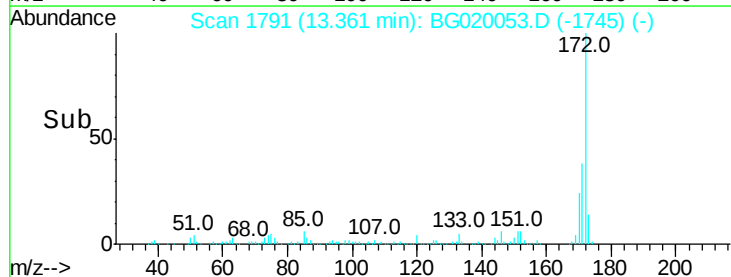
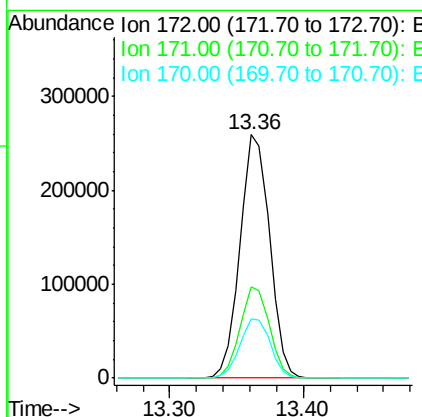
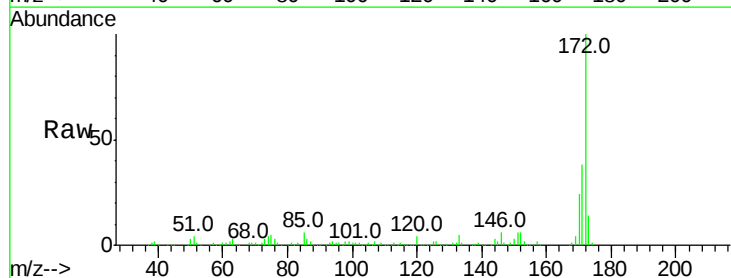
Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

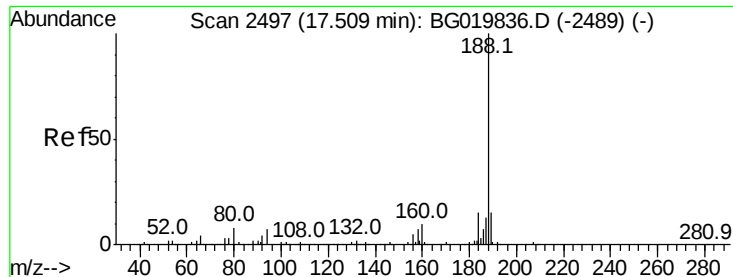
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.1	117.1
141	35.8	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 92.44 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.4	19.9	29.9

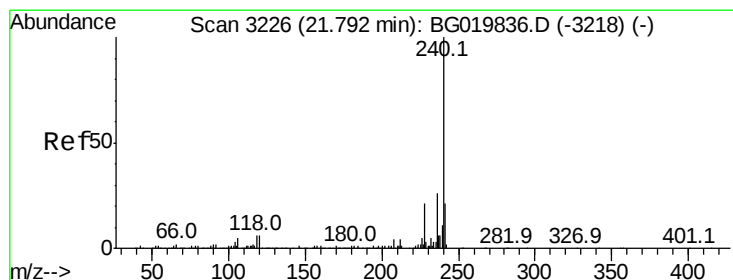
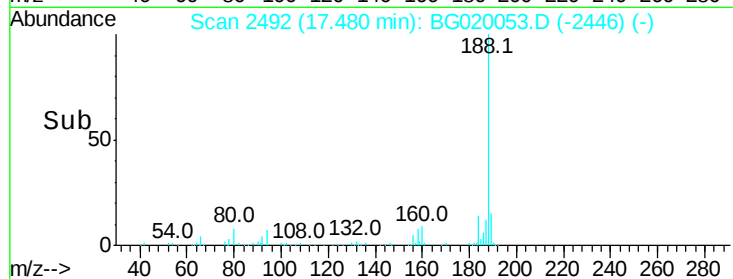
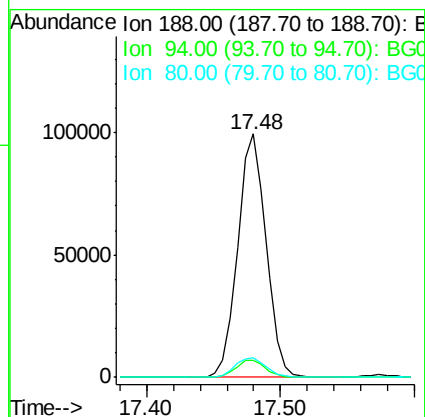
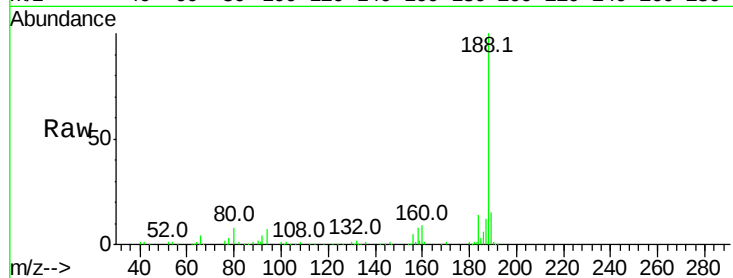




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020053.D
Acq: 9 Dec 2015 21:14

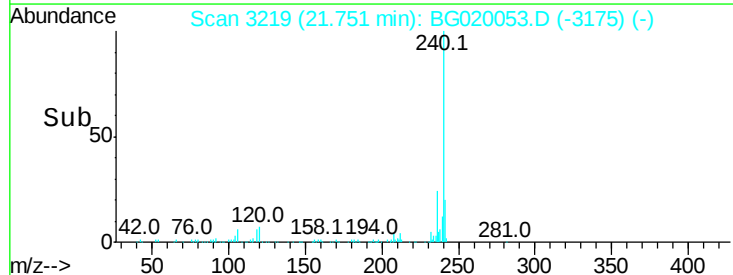
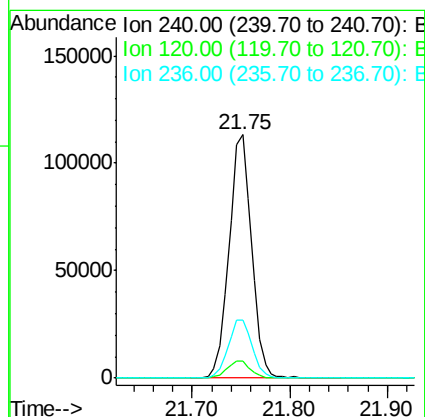
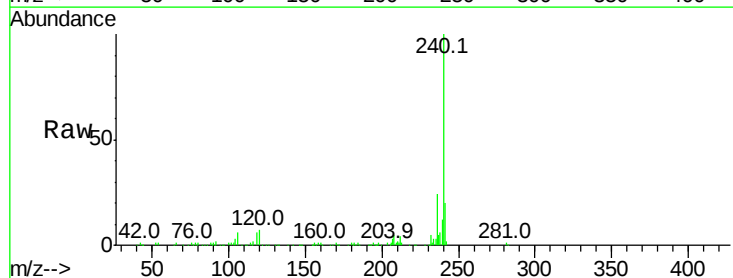
Instrument :
BNA_G
ClientSampleId :
A8-4C

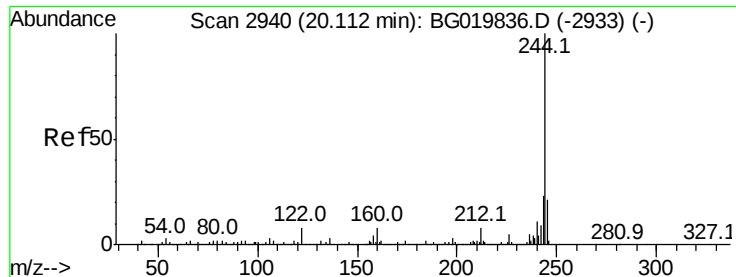
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.7	11.5#
80	8.0	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020053.D
Acq: 9 Dec 2015 21:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.4	11.0#
236	23.7	20.7	31.1

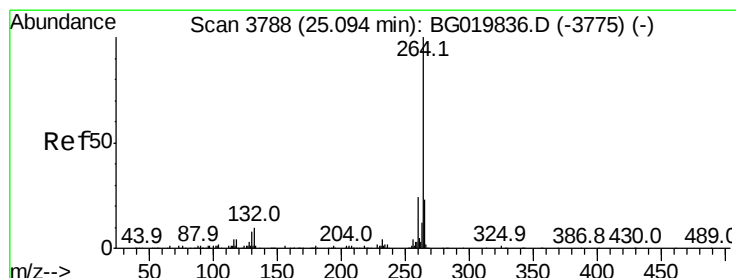
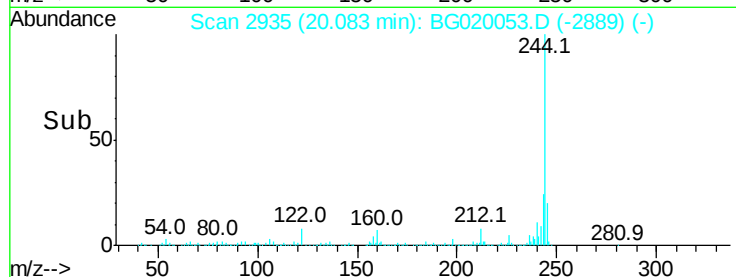
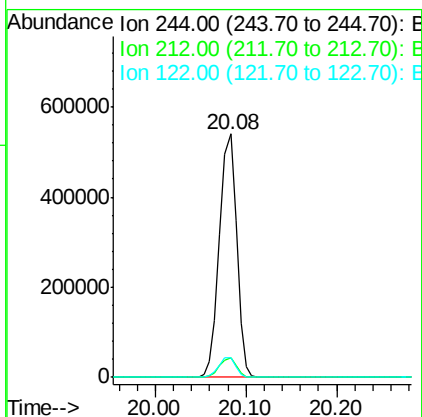
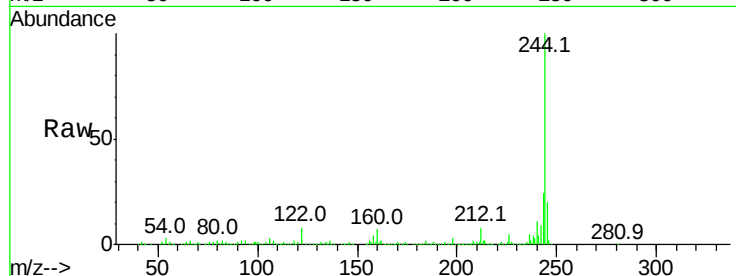




#78
 Terphenyl-d14
 Concen: 95.69 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

Instrument :
 BNA_G
 ClientSampled :
 A8-4C

Tot Ion:244 Resp: 713346
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 8.1 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

Tgt Ion:264 Resp: 165394
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 23.0 17.2 25.8

