

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

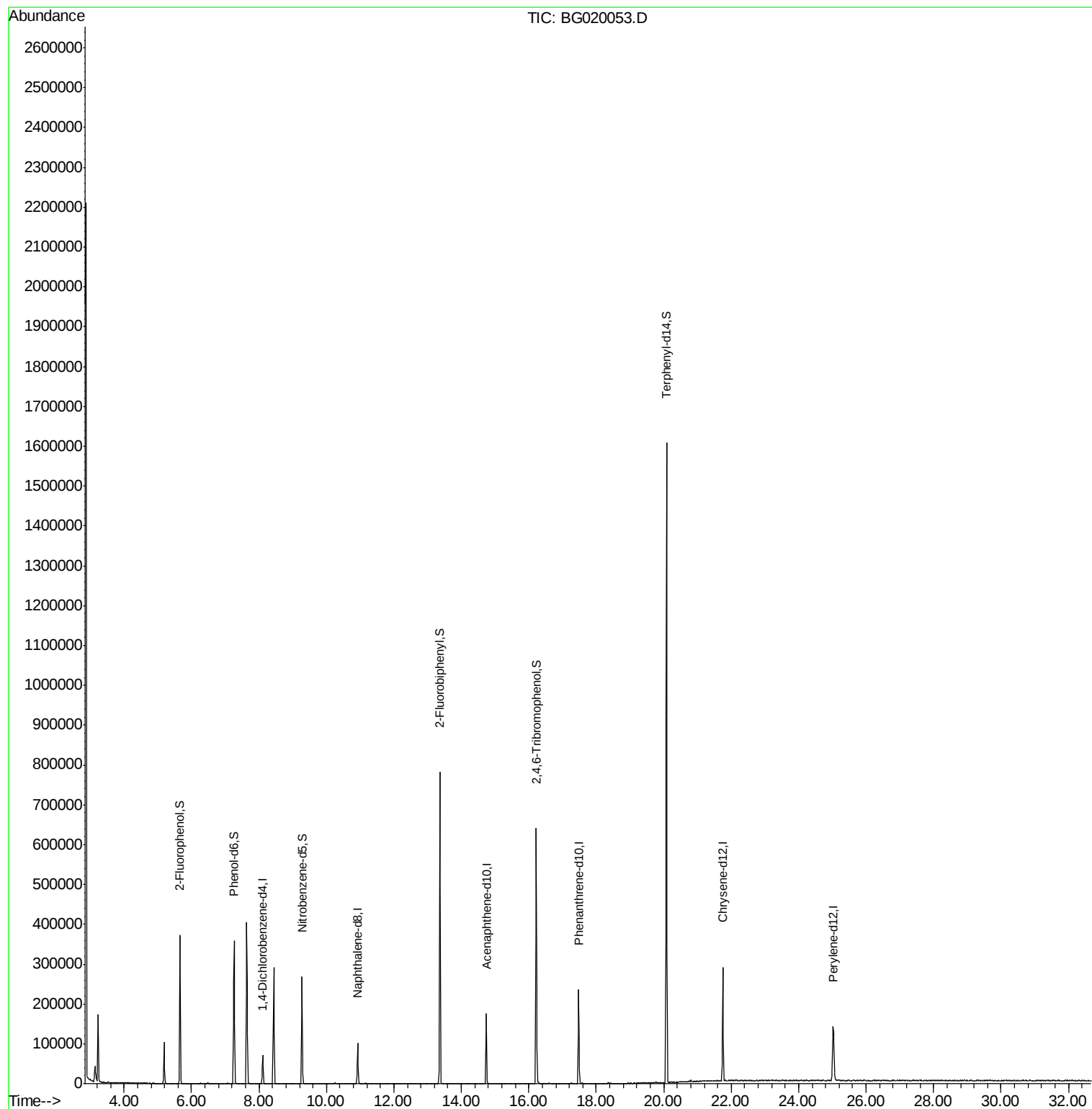
Target Compounds	Qvalue
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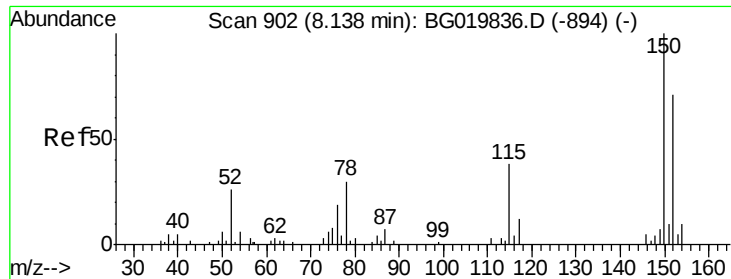
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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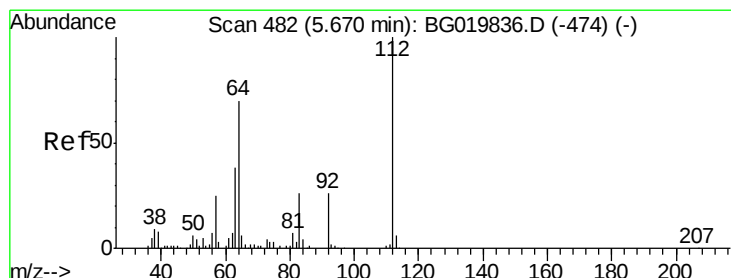
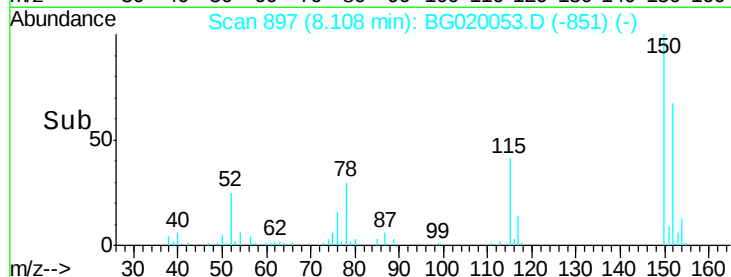
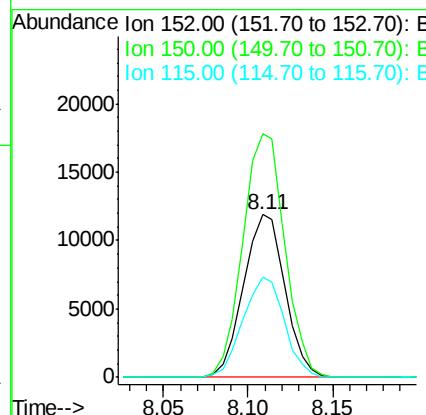
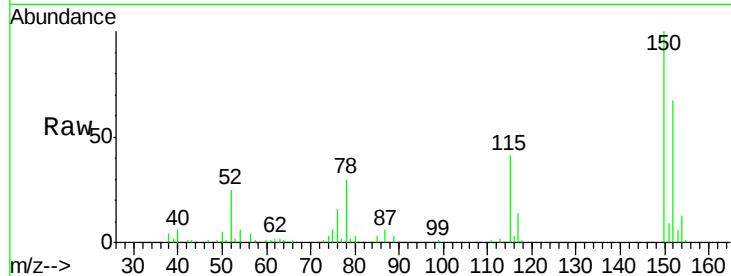




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

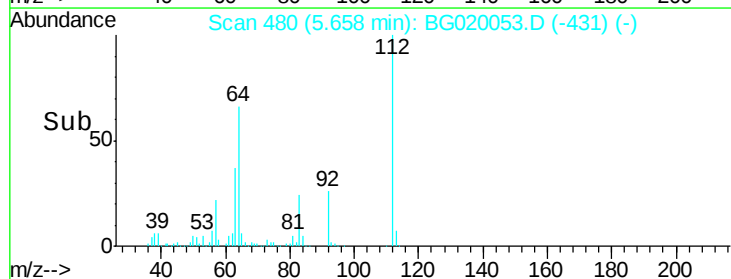
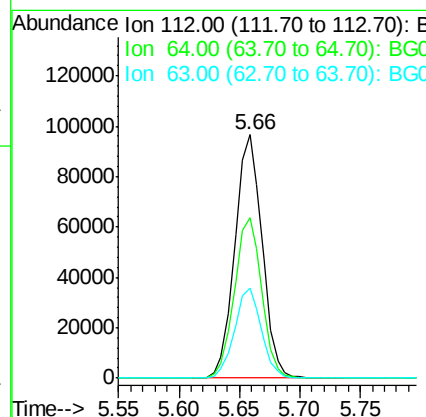
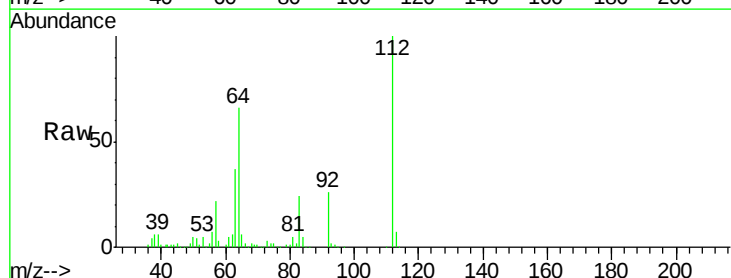
Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

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



#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#





#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

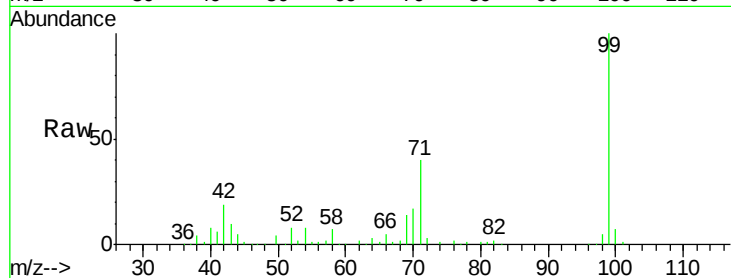
Tgt Ion: 99 Resp: 205760

Ion Ratio Lower Upper

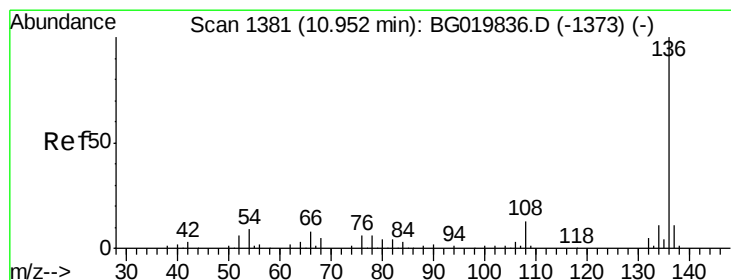
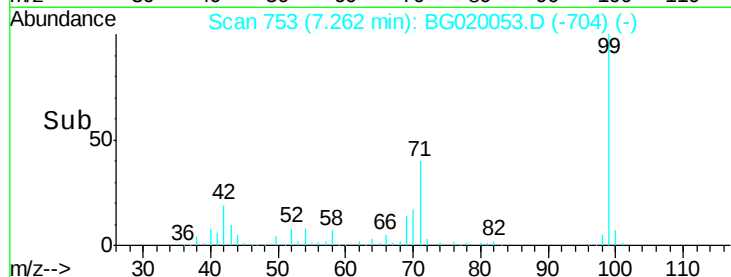
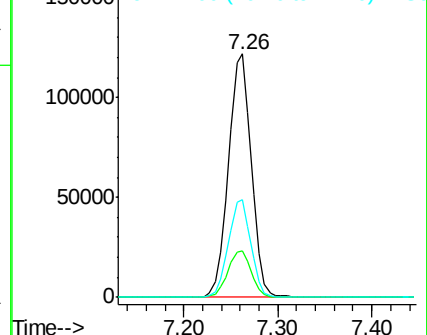
99 100

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

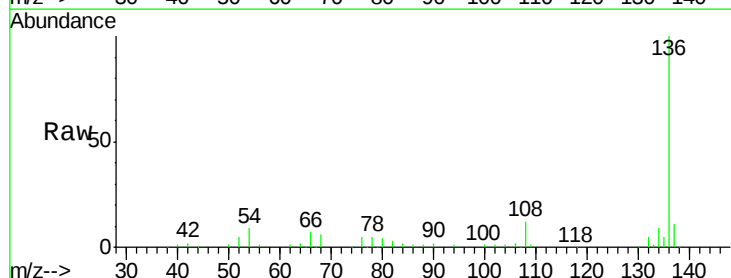
Ion Ratio Lower Upper

136 100

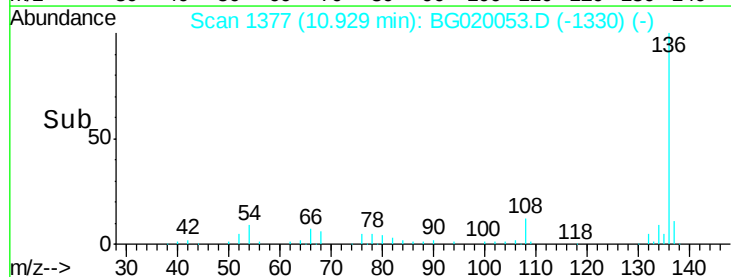
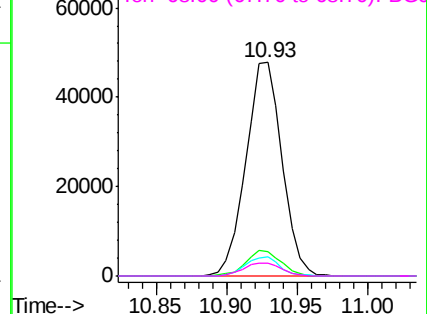
137 11.4 8.6 12.8

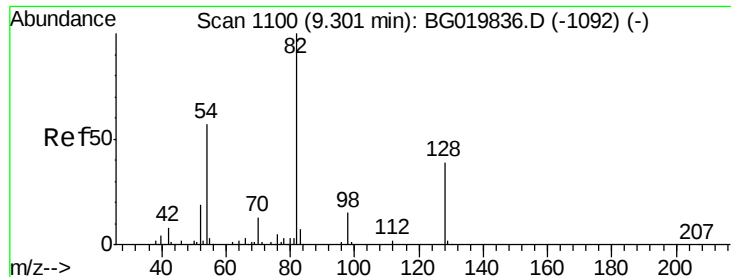
54 9.0 5.4 8.2#

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

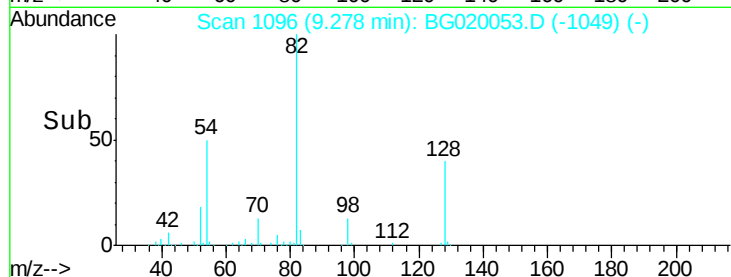
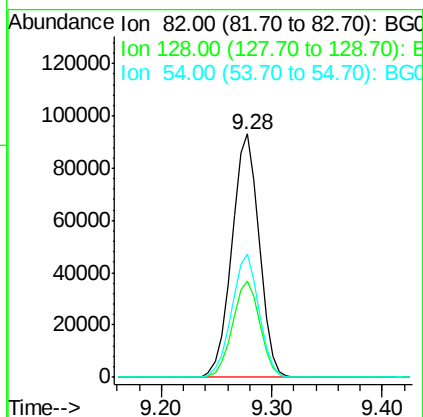
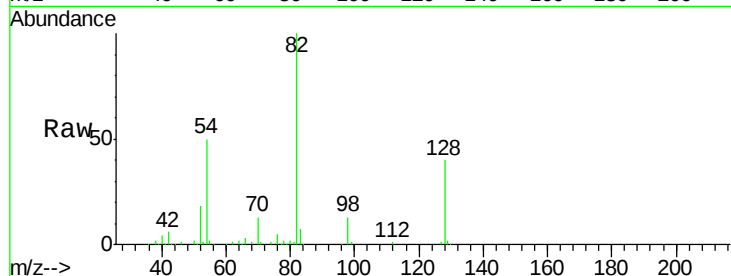




#23
 Nitrobenzene-d5
 Concen: 96.31 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

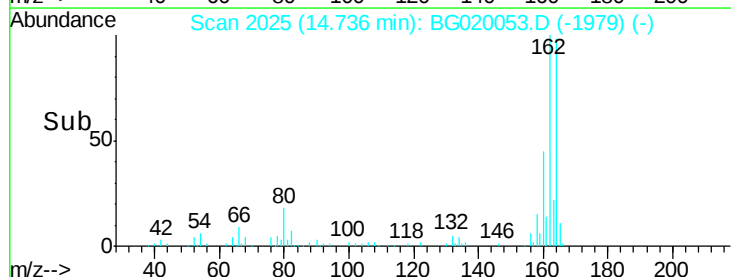
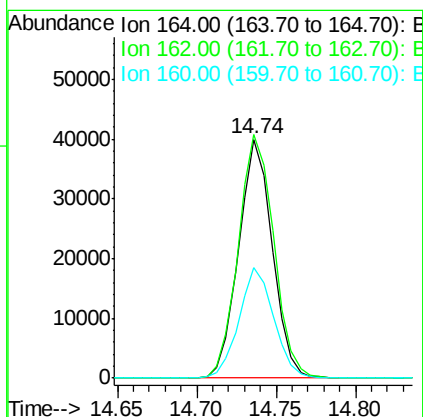
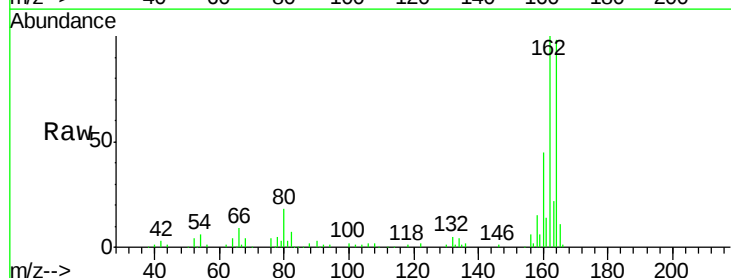
Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

Tgt 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

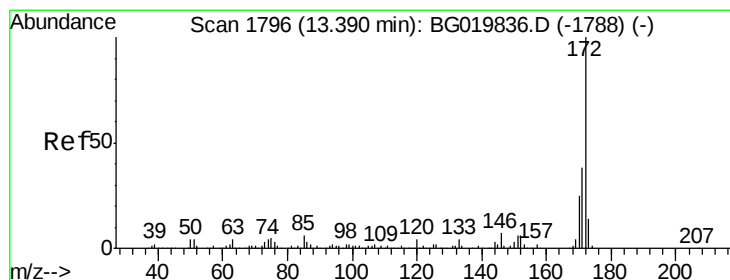
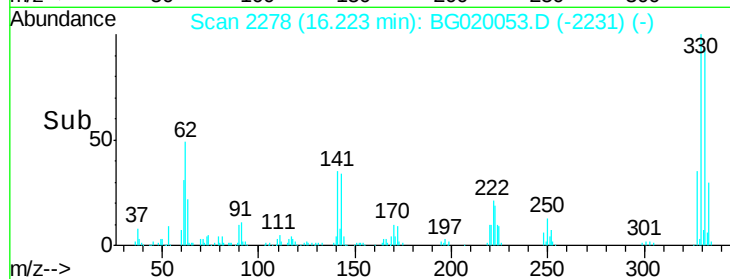
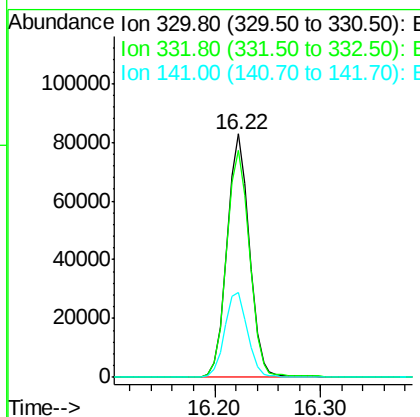
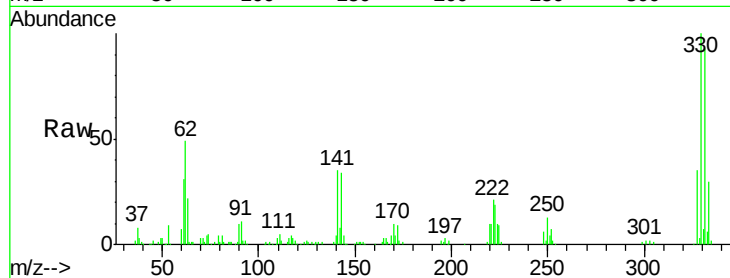




#41
 2,4,6-Tribromophenol
 Concen: 134.76 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

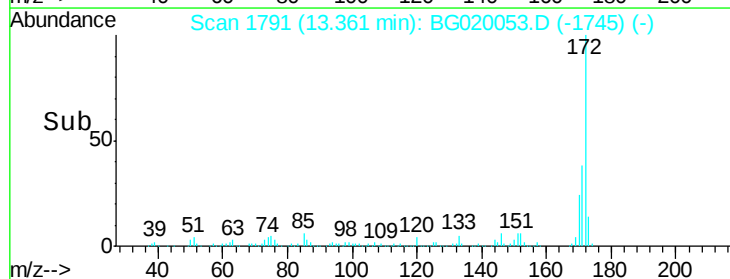
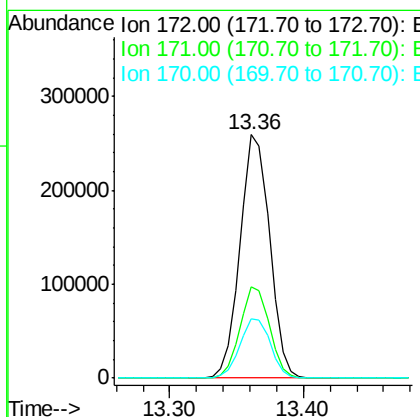
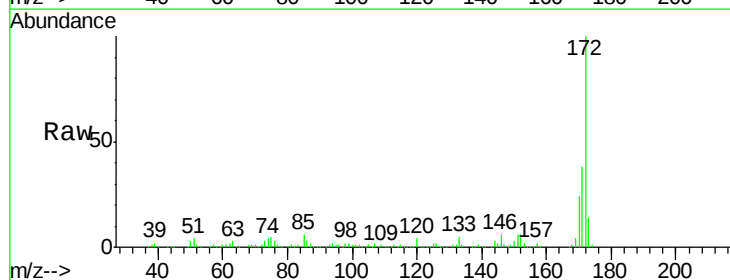
Instrument :
 BNA_G
 ClientSampled :
 A8-4C

Tgt 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

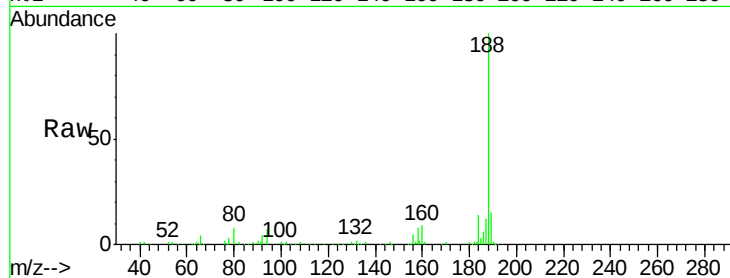




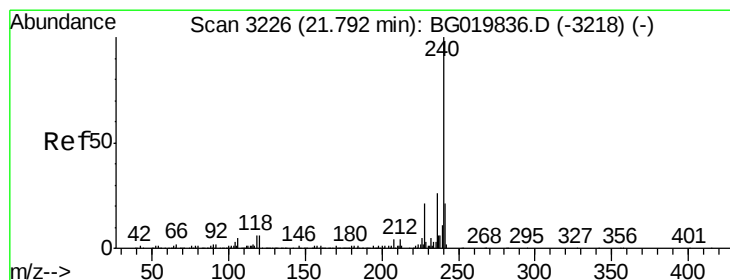
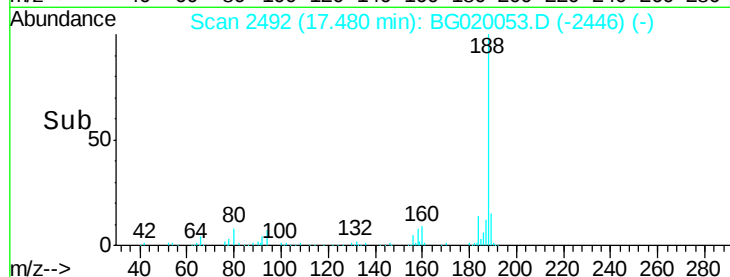
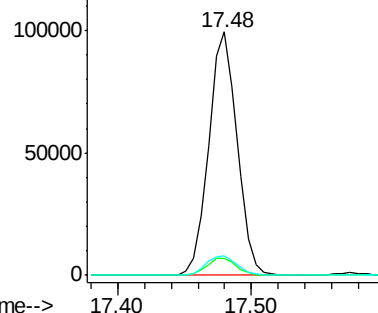
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020053.D
Acq: 9 Dec 2015 21:14

Instrument :
BNA_G
ClientSampleId :
A8-4C

Tgt Ion:188 Resp: 145808
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 8.0 7.8 11.8

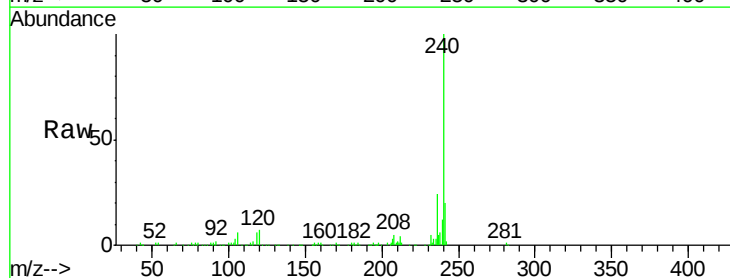


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

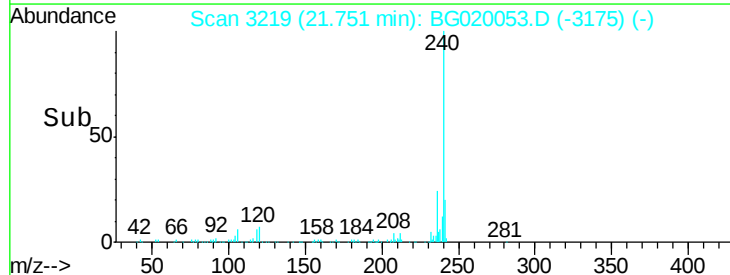
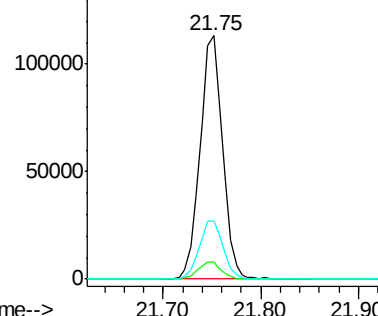


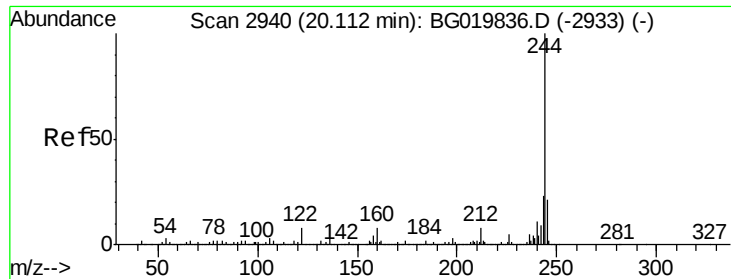
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020053.D
Acq: 9 Dec 2015 21:14

Tgt Ion:240 Resp: 181828
Ion Ratio Lower Upper
240 100
120 6.9 7.4 11.0#
236 23.7 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

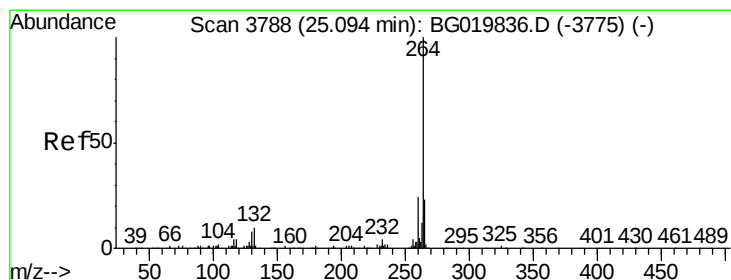
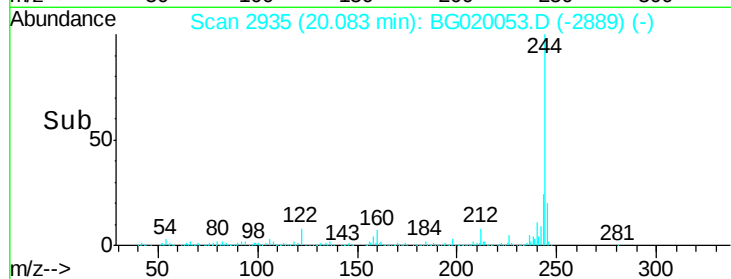
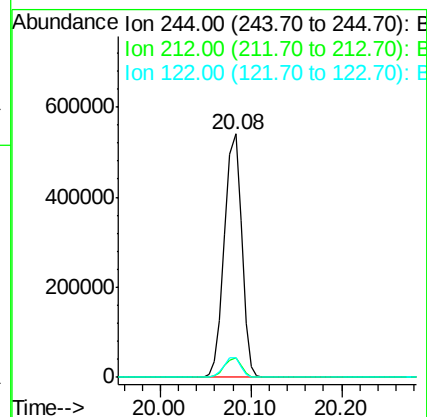
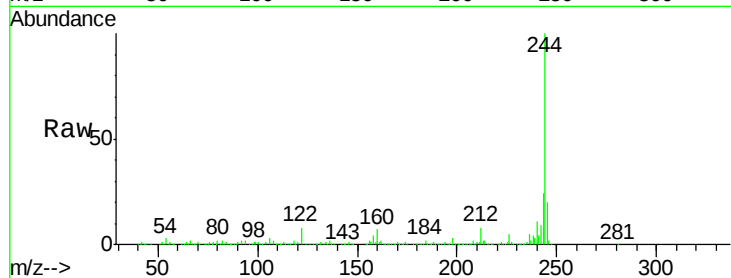




#78
 Terphenyl-d14
 Concen: 95.69 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020053.D
 Acq: 9 Dec 2015 21:14

Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

Tgt 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	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	23.0	17.2	25.8

