

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020122.D
 Acq On : 12 Dec 2015 1:19
 Operator : UM/SJ
 Sample : G4755-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-D-B

Quant Time: Dec 12 02:33:56 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	8.10	152	21566	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	91230	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	69136	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	187121	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	219938	20.00	ng	-0.05
86) Perylene-d12	25.01	264	202339	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	55742	46.72	ng	-0.02
7) Phenol-d6	7.25	99	63125	35.04	ng	-0.02
23) Nitrobenzene-d5	9.27	82	146320	81.85	ng	-0.04
41) 2,4,6-Tribromophenol	16.21	330	89419	84.53	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	380961	75.24	ng	-0.04
78) Terphenyl-d14	20.07	244	707454	78.46	ng	-0.04

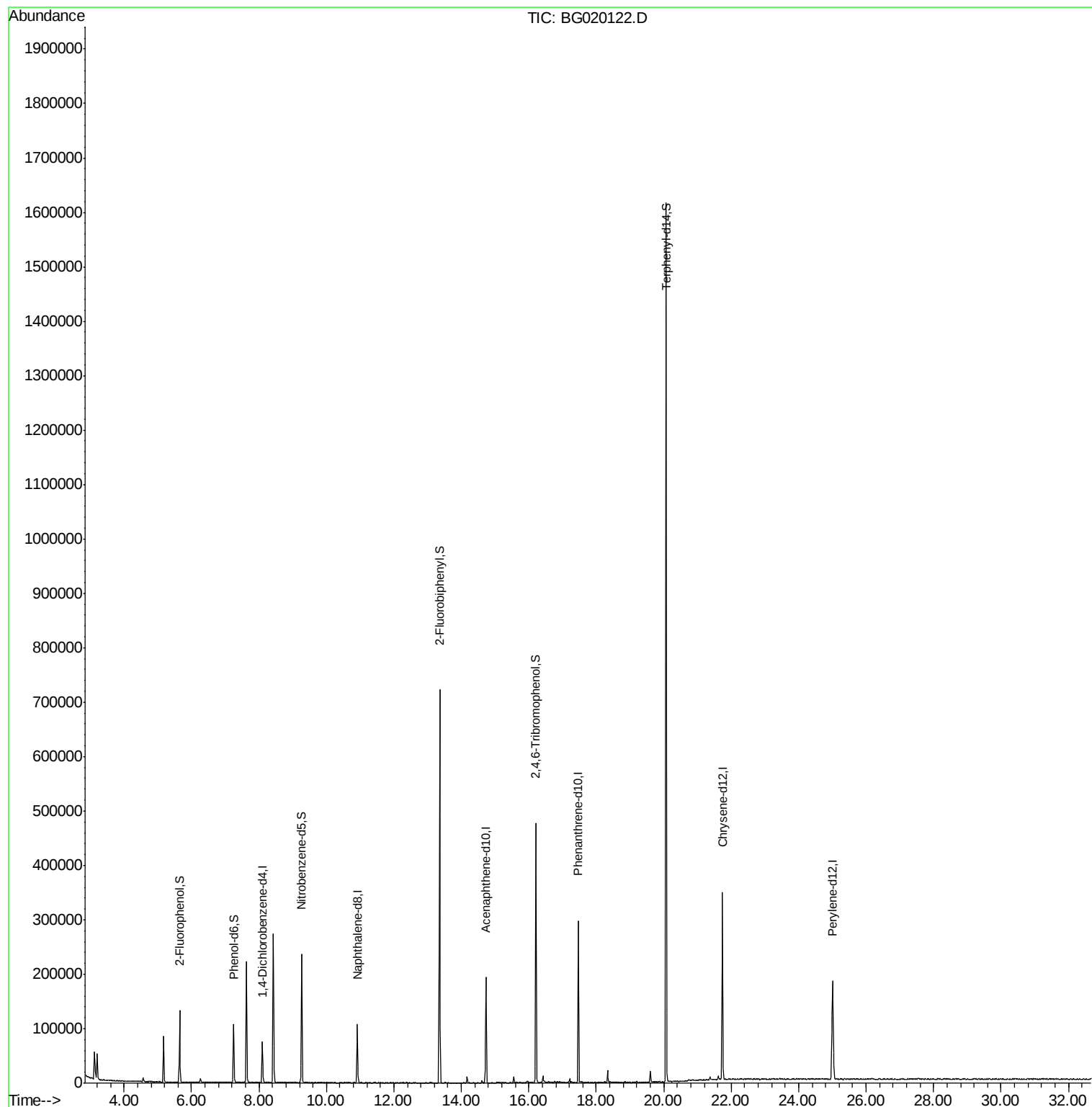
Target Compounds	Qvalue
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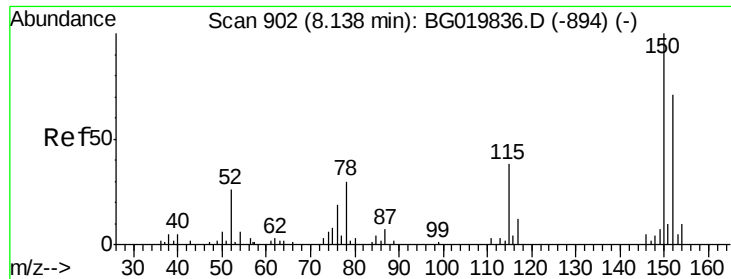
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.04 min

Lab File: BG020122.D

Acq: 12 Dec 2015 1:19

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-D-B

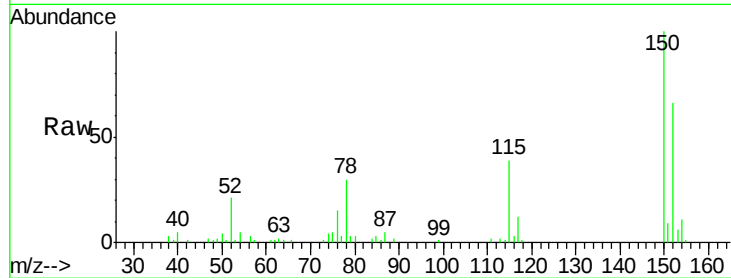
Tgt Ion:152 Resp: 21566

Ion Ratio Lower Upper

152 100

150 151.4 115.0 172.4

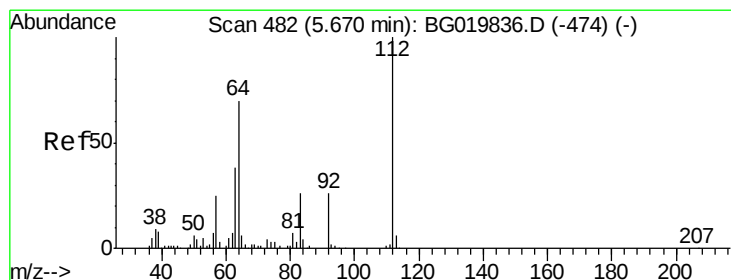
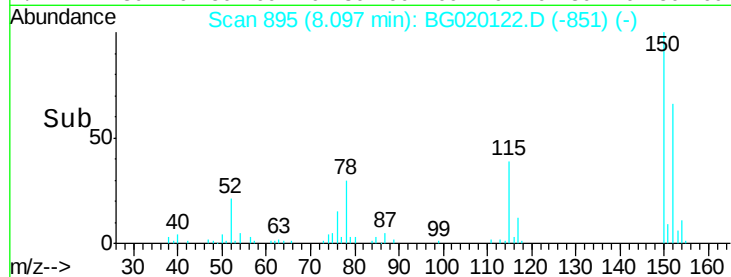
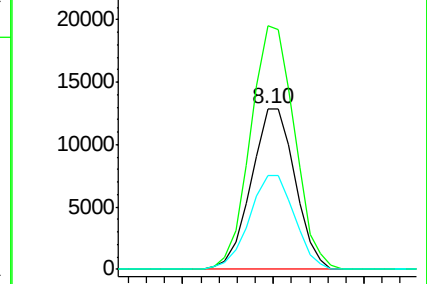
115 58.8 43.9 65.9



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: 46.72 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020122.D

Acq: 12 Dec 2015 1:19

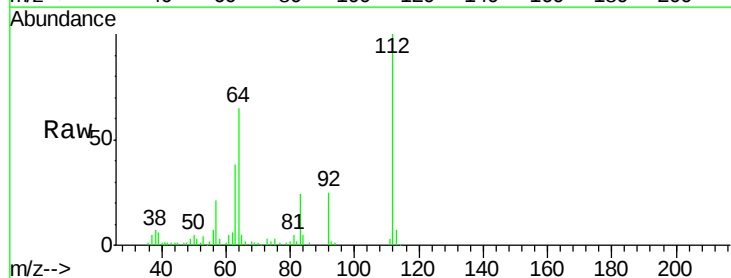
Tgt Ion:112 Resp: 55742

Ion Ratio Lower Upper

112 100

64 65.4 43.7 65.5

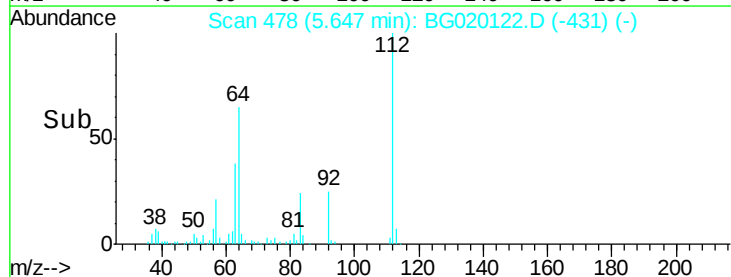
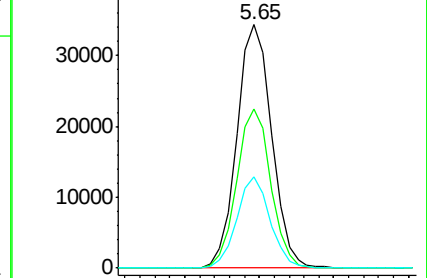
63 37.8 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.04 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020122.D

Acq: 12 Dec 2015 1:19

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-D-B

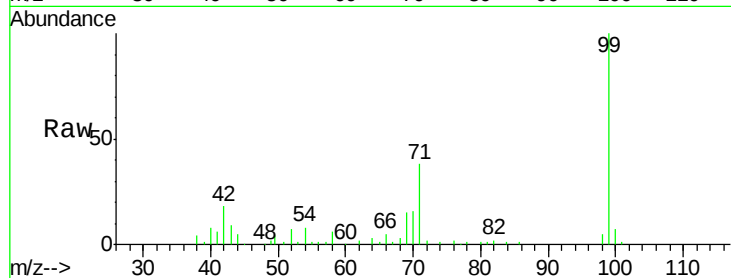
Tgt Ion: 99 Resp: 63125

Ion Ratio Lower Upper

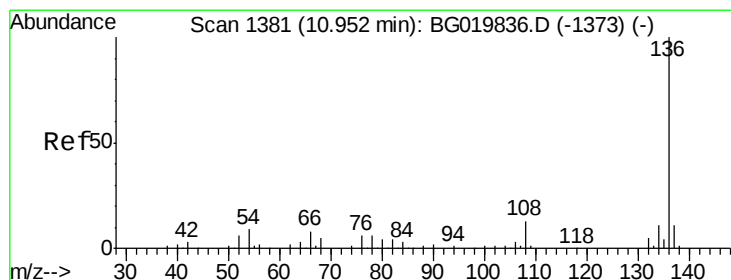
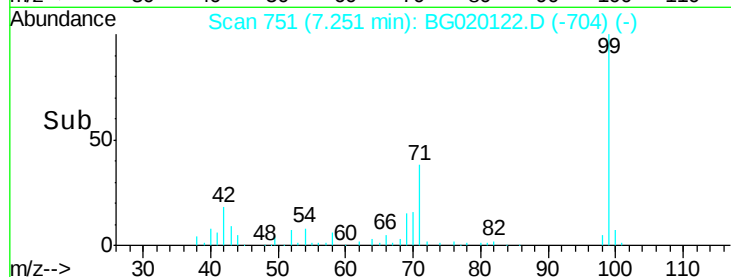
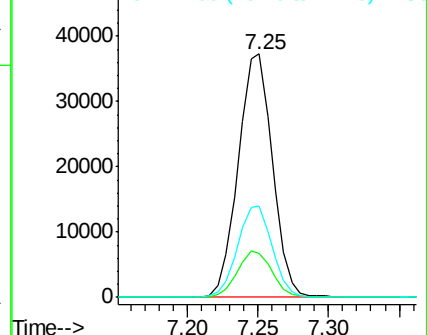
99 100

42 18.2 11.5 17.3#

71 37.7 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: 10.92 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BG020122.D

Acq: 12 Dec 2015 1:19

Tgt Ion: 136 Resp: 91230

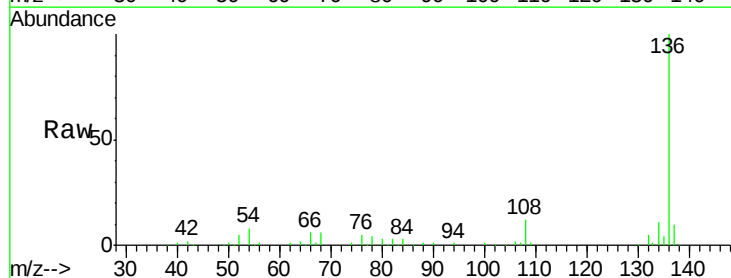
Ion Ratio Lower Upper

136 100

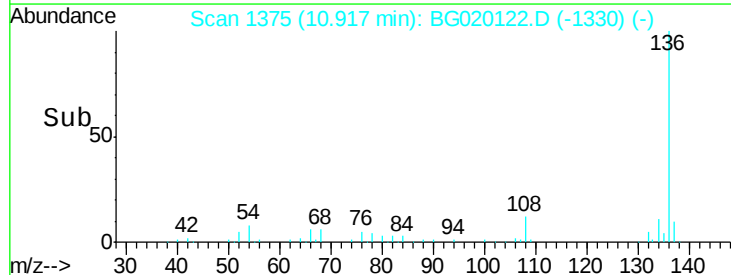
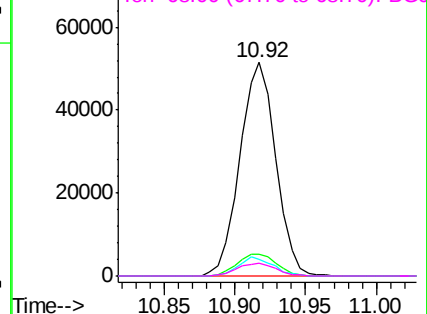
137 10.4 8.6 12.8

54 7.5 5.4 8.2

68 6.0 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

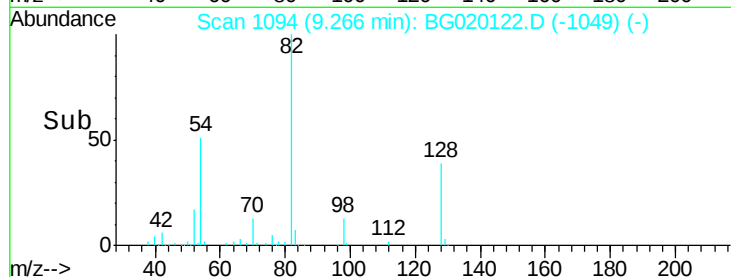
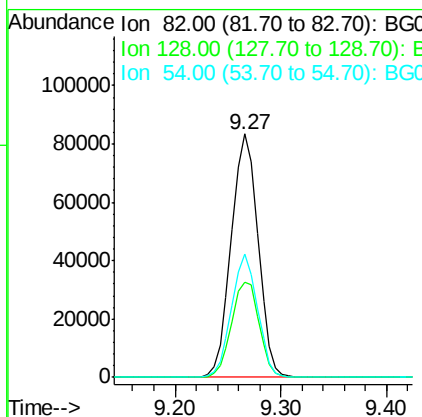
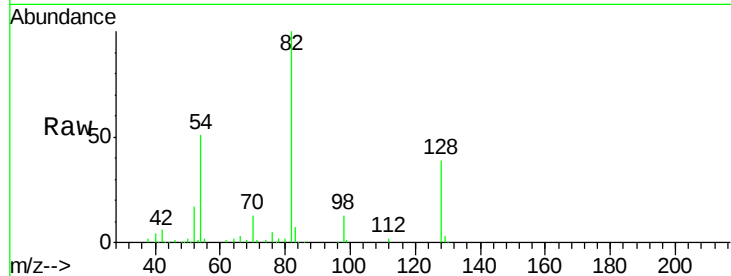




#23
Nitrobenzene-d5
Concen: 81.85 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020122.D
Acq: 12 Dec 2015 1:19

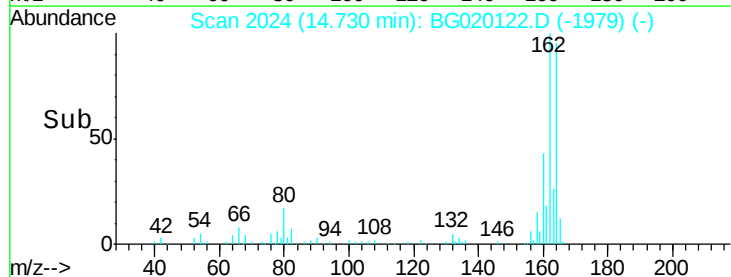
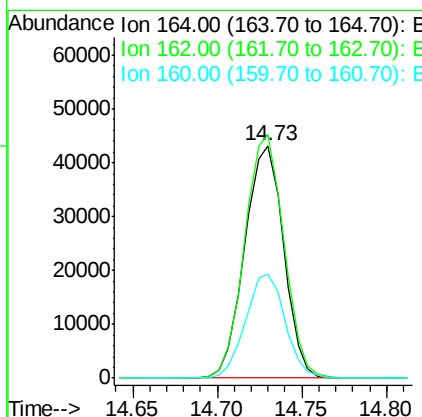
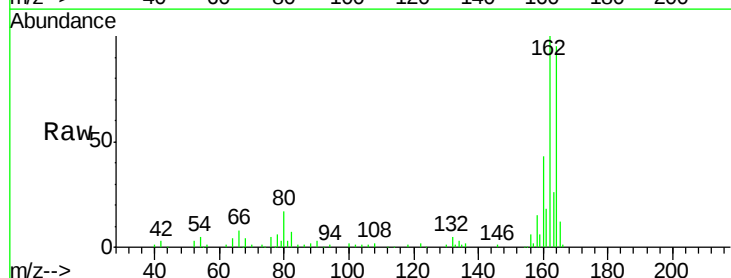
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-D-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	36.7	55.1
54	50.5	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020122.D
Acq: 12 Dec 2015 1:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	44.6	36.4	54.6

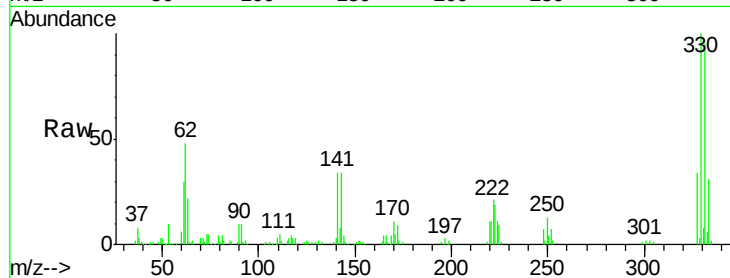




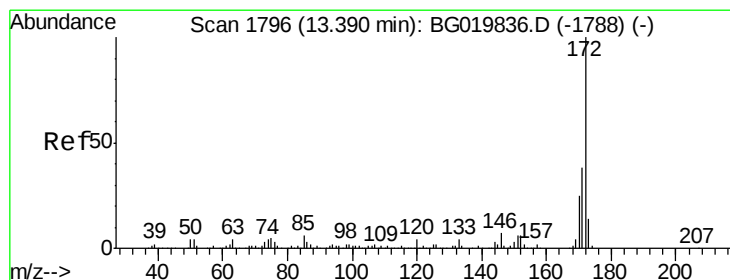
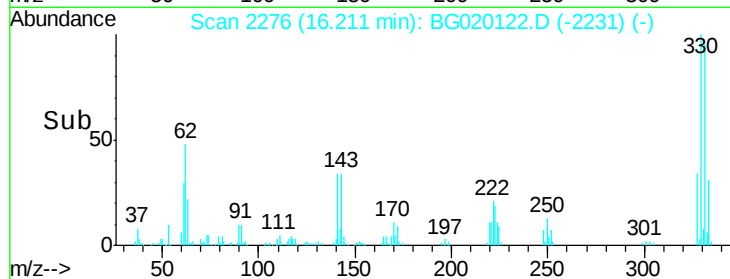
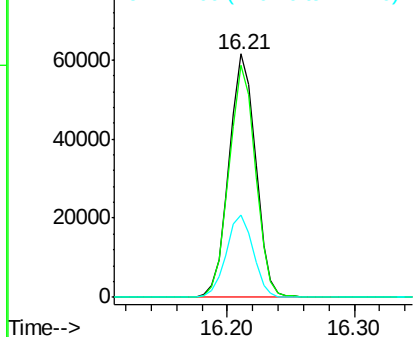
#41
 2,4,6-Tribromophenol
 Concen: 84.53 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020122.D
 Acq: 12 Dec 2015 1:19

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-D-B

Tgt Ion:330 Resp: 89419
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.1 117.1
 141 34.1 28.2 42.2

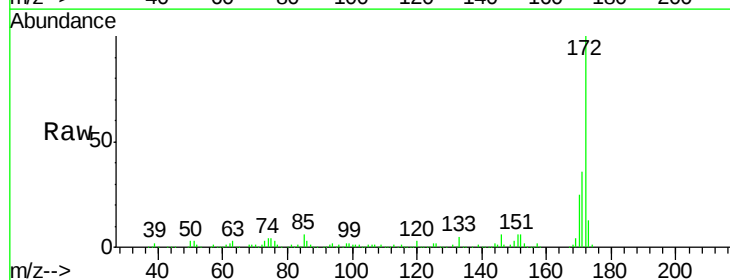


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

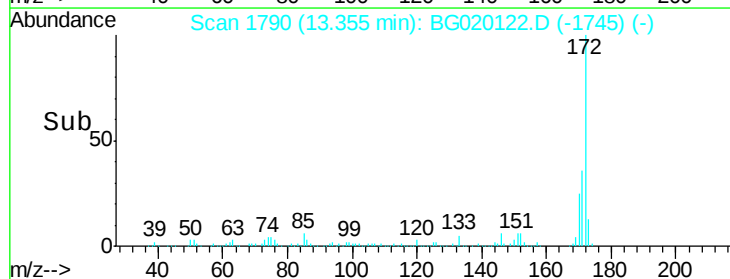
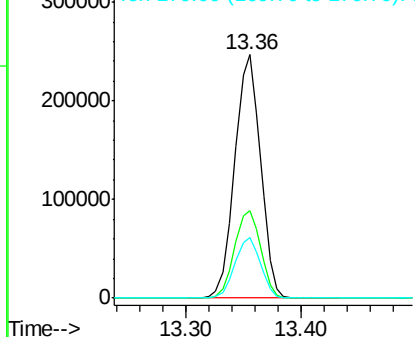


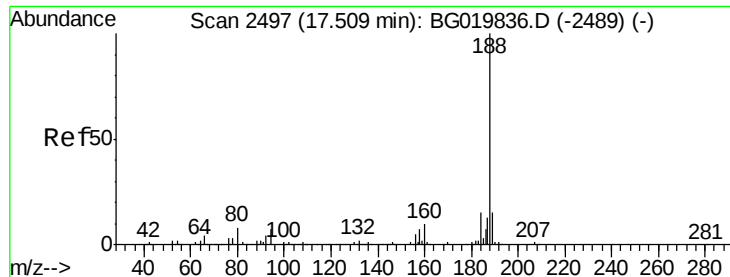
#44
 2-Fluorobiphenyl
 Concen: 75.24 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020122.D
 Acq: 12 Dec 2015 1:19

Tgt Ion:172 Resp: 380961
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.7 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

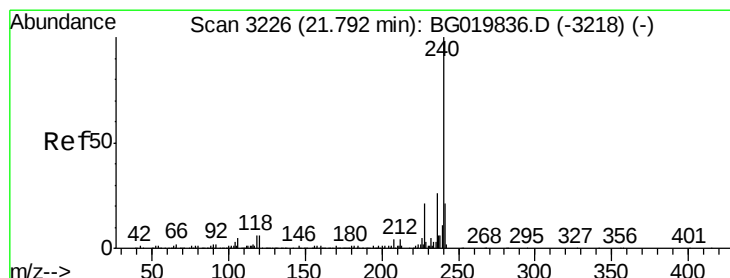
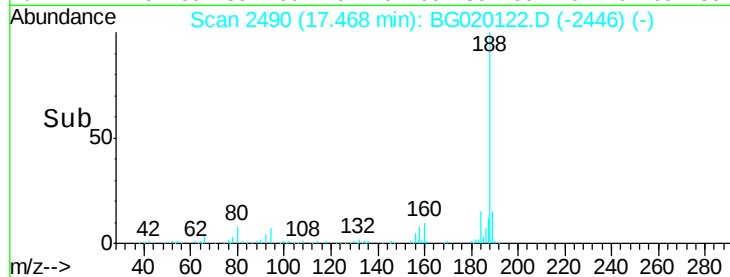
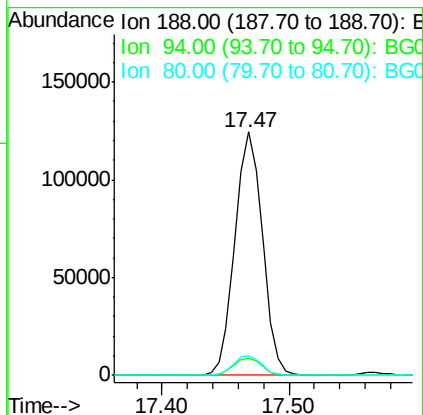
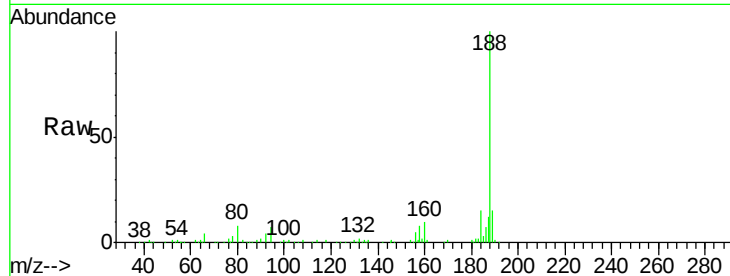




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020122.D
Acq: 12 Dec 2015 1:19

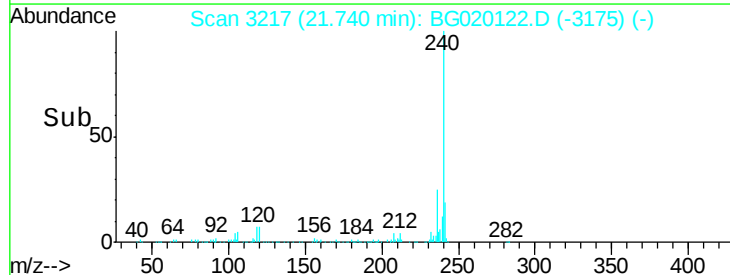
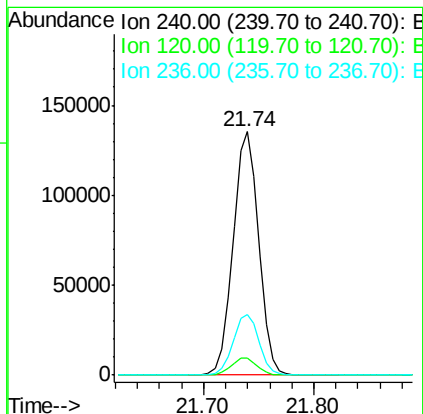
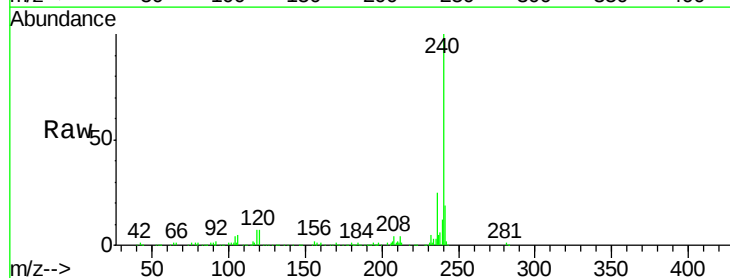
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-D-B

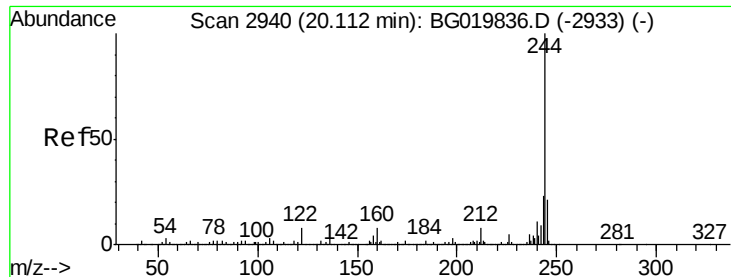
Tgt Ion:188 Resp: 187121
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020122.D
Acq: 12 Dec 2015 1:19

Tgt Ion:240 Resp: 219938
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 78.46 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020122.D

Acq: 12 Dec 2015 1:19

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-D-B

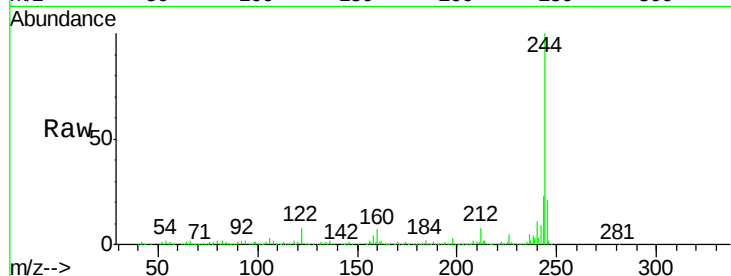
Tgt Ion:244 Resp: 707454

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

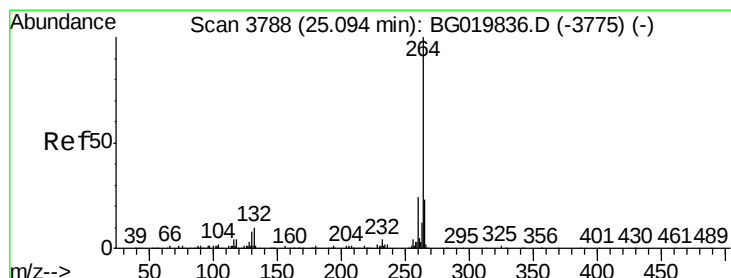
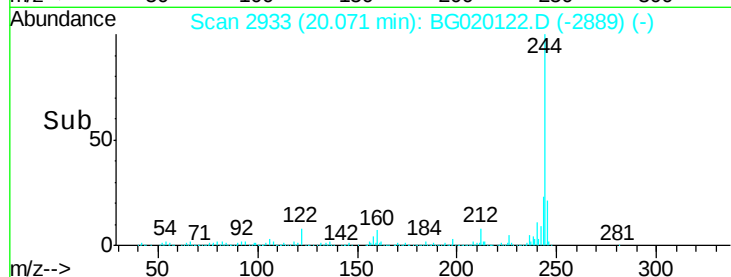
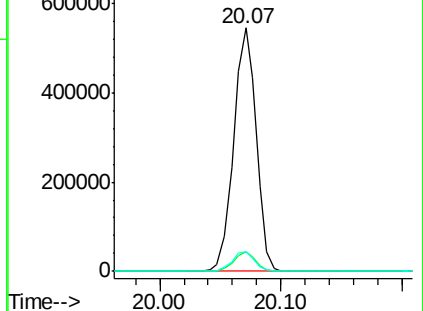
122 7.9 10.2 15.2#



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: 25.01 min Scan# 3773

Delta R.T. -0.09 min

Lab File: BG020122.D

Acq: 12 Dec 2015 1:19

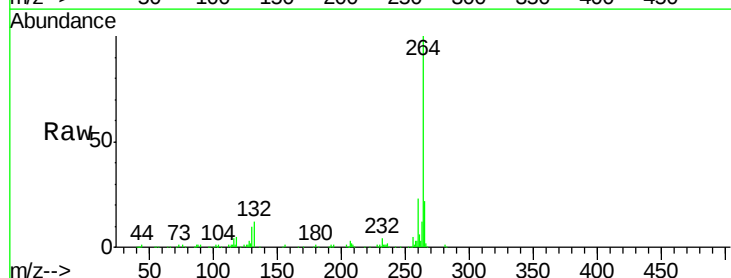
Tgt Ion:264 Resp: 202339

Ion Ratio Lower Upper

264 100

260 23.2 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

