

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020117.D
 Acq On : 11 Dec 2015 22:04
 Operator : UM/SJ
 Sample : G4729-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-52

Quant Time: Dec 11 23:33:34 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	18222	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	74718	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	55237	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	146771	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	179496	20.00	ng	-0.05
86) Perylene-d12	25.01	264	166426	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	63316	62.80	ng	-0.02
7) Phenol-d6	7.25	99	60694	39.87	ng	-0.02
23) Nitrobenzene-d5	9.27	82	131298	89.68	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	128026	151.48	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	354979	87.75	ng	-0.04
78) Terphenyl-d14	20.07	244	687943	93.48	ng	-0.04

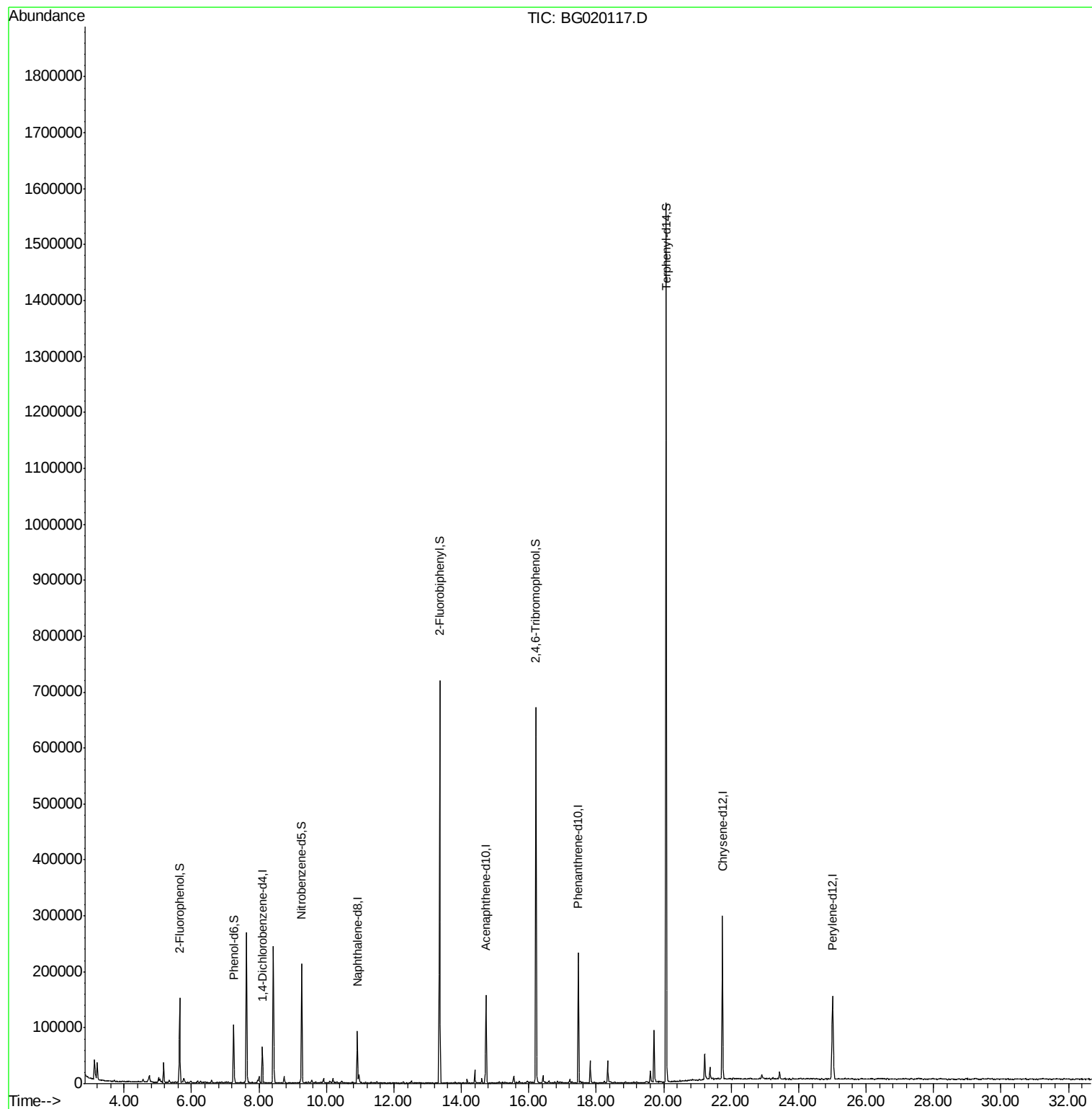
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.04 min

Lab File: BG020117.D

Acq: 11 Dec 2015 22:04

Instrument :

BNA_G

ClientSampleId :

W-52

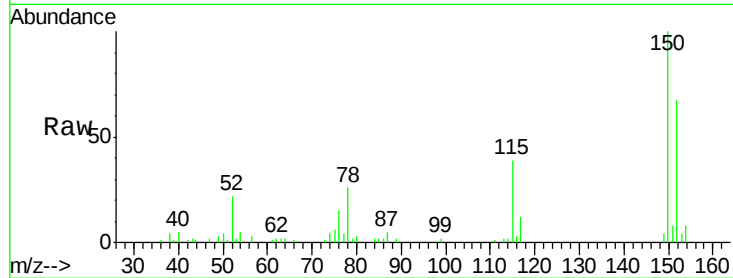
Tgt Ion:152 Resp: 18222

Ion Ratio Lower Upper

152 100

150 149.7 115.0 172.4

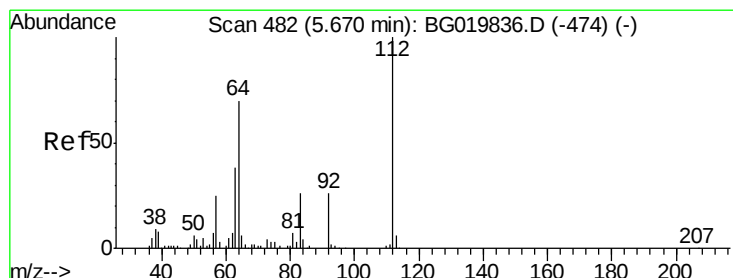
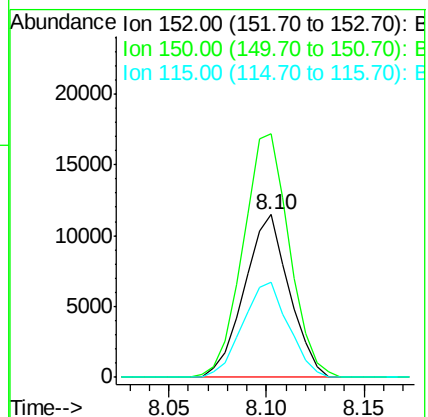
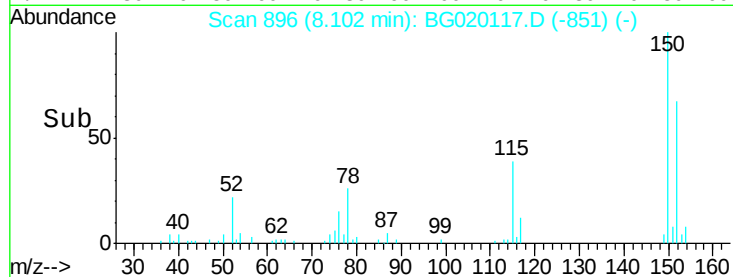
115 58.2 43.9 65.9



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: 62.80 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020117.D

Acq: 11 Dec 2015 22:04

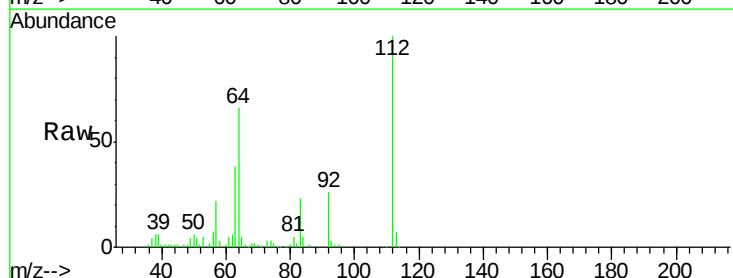
Tgt Ion:112 Resp: 63316

Ion Ratio Lower Upper

112 100

64 65.5 43.7 65.5#

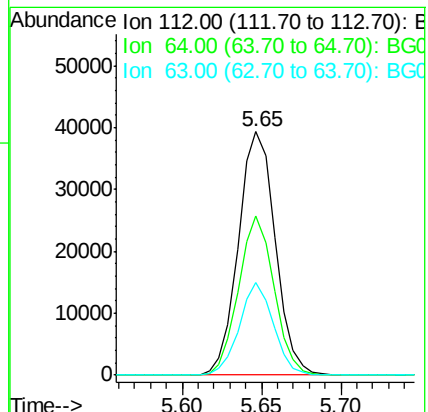
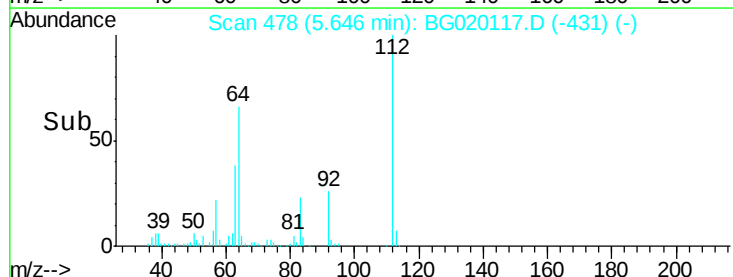
63 37.9 24.0 36.0#

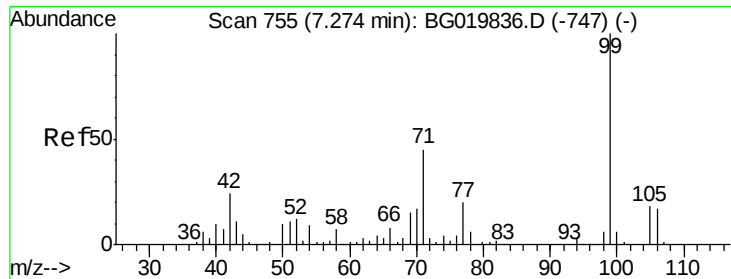


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.87 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020117.D

Acq: 11 Dec 2015 22:04

Instrument :

BNA_G

ClientSampleId :

W-52

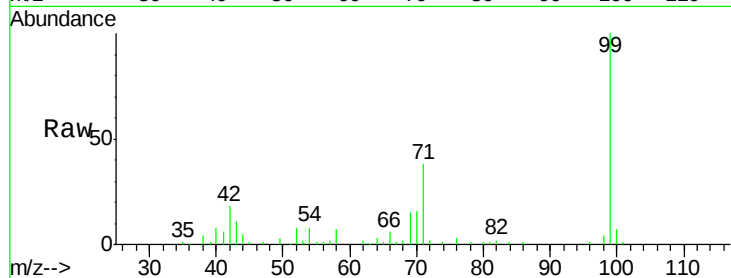
Tgt Ion: 99 Resp: 60694

Ion Ratio Lower Upper

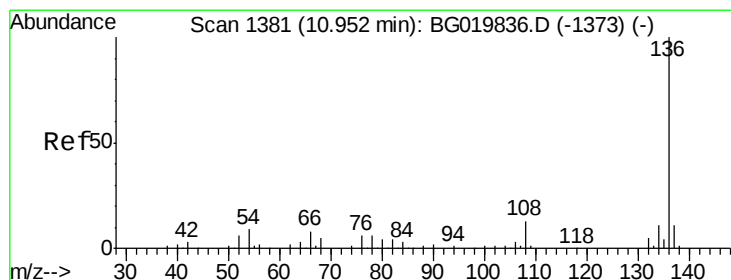
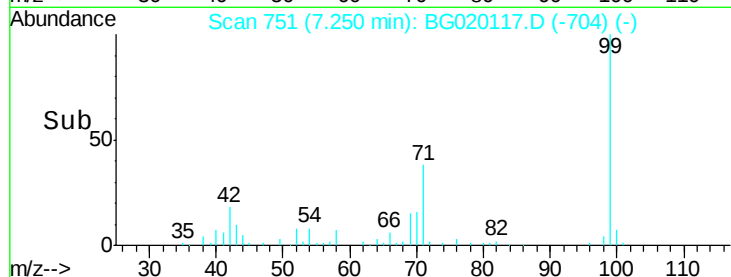
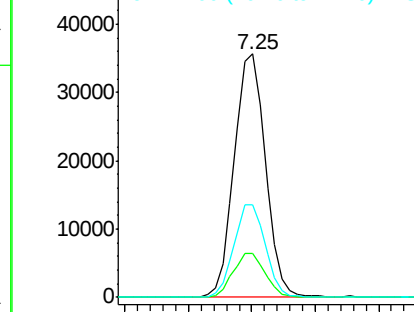
99 100

42 17.9 11.5 17.3#

71 37.9 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: BG020117.D

Acq: 11 Dec 2015 22:04

Tgt Ion: 136 Resp: 74718

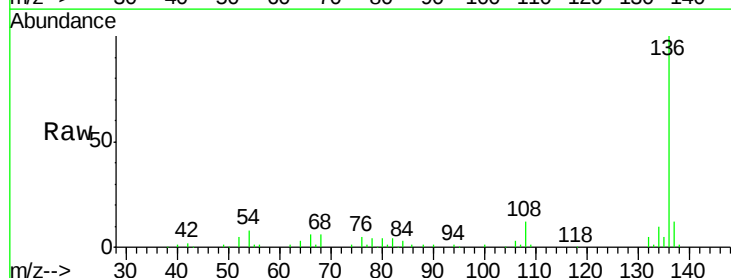
Ion Ratio Lower Upper

136 100

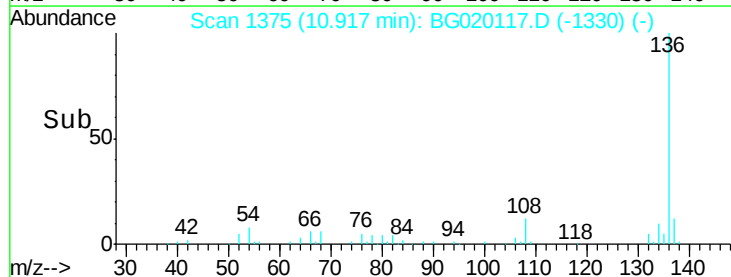
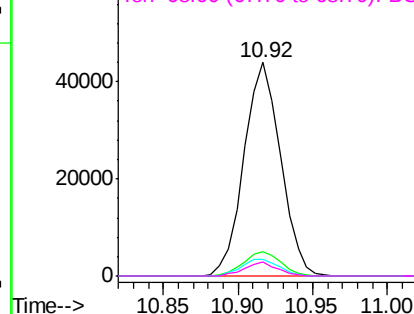
137 11.5 8.6 12.8

54 8.1 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

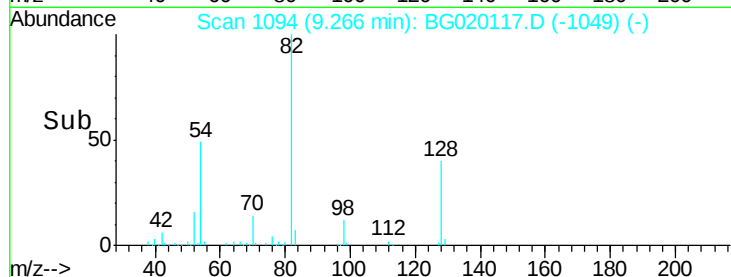
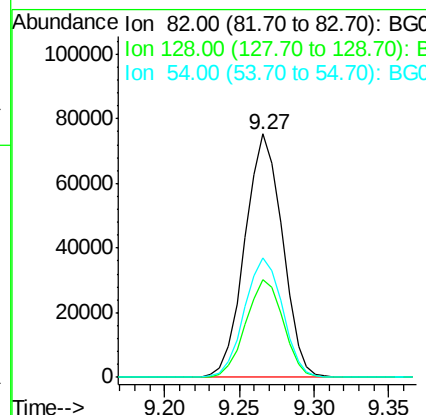
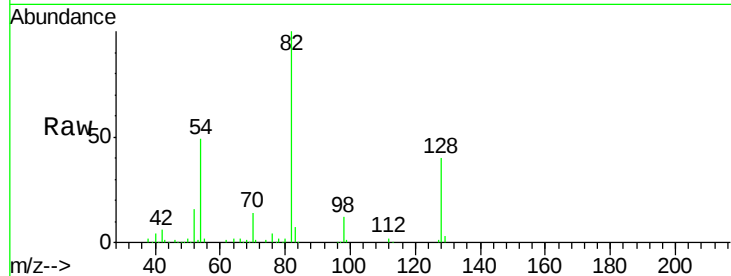




#23
 Nitrobenzene-d5
 Concen: 89.68 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.04 min
 Lab File: BG020117.D
 Acq: 11 Dec 2015 22:04

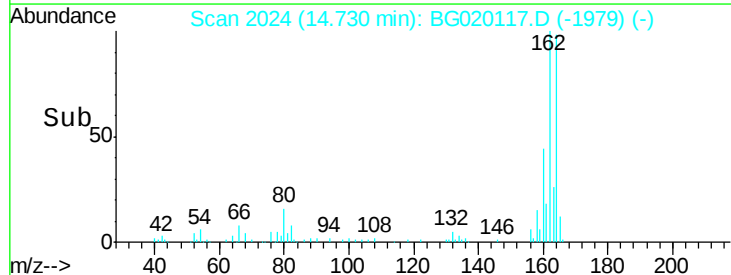
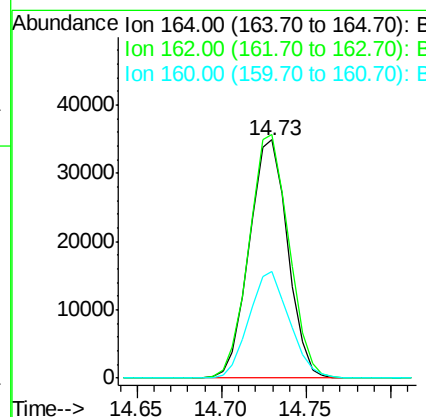
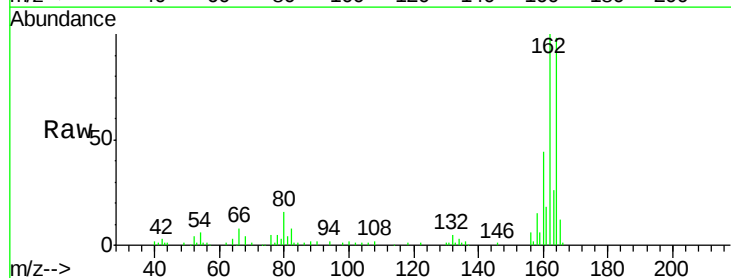
Instrument :
 BNA_G
 ClientSampleId :
 W-52

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.7	55.1
54	49.1	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: BG020117.D
 Acq: 11 Dec 2015 22:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	44.7	36.4	54.6

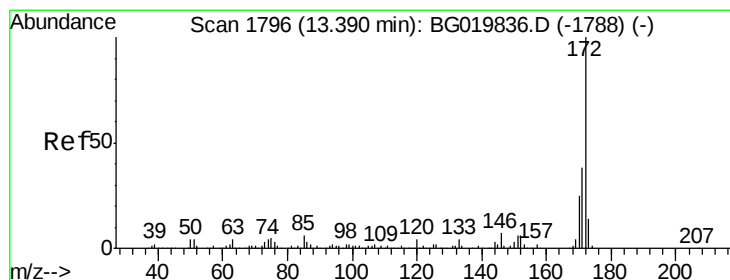
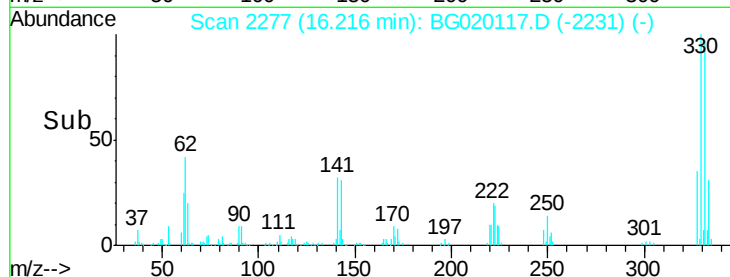
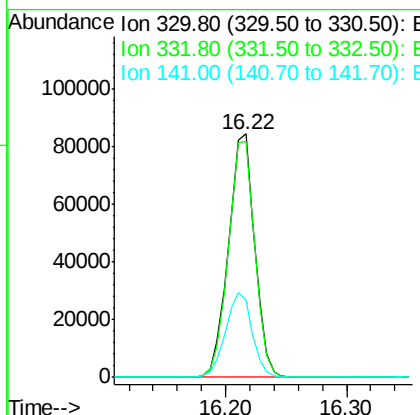
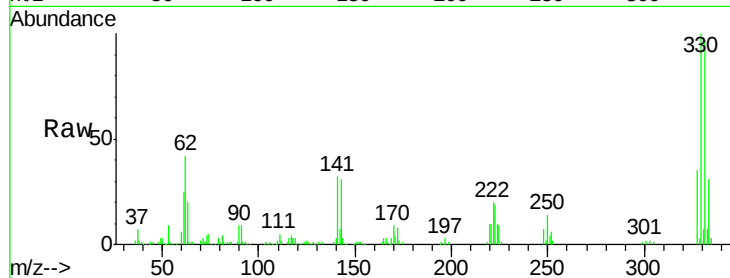




#41
 2,4,6-Tribromophenol
 Concen: 151.48 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020117.D
 Acq: 11 Dec 2015 22:04

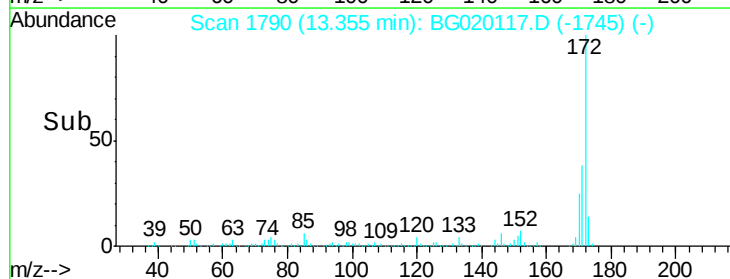
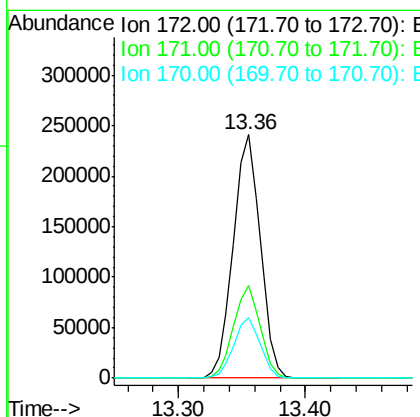
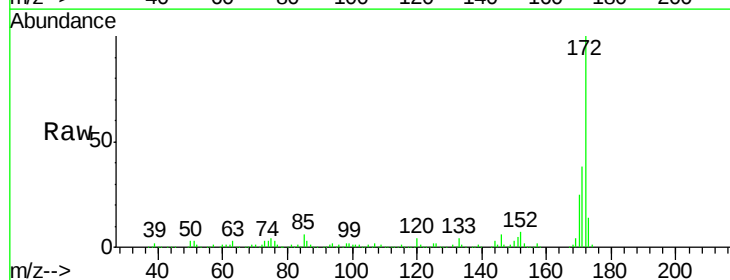
Instrument :
 BNA_G
 ClientSampled :
 W-52

Tgt Ion:330 Resp: 128026
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.1 117.1
 141 34.9 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 87.75 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020117.D
 Acq: 11 Dec 2015 22:04

Tgt Ion:172 Resp: 354979
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.0 43.6
 170 25.1 19.9 29.9

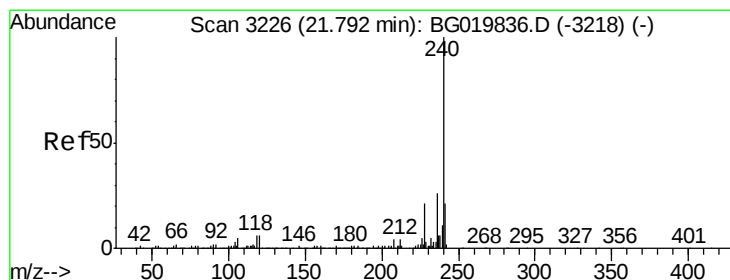
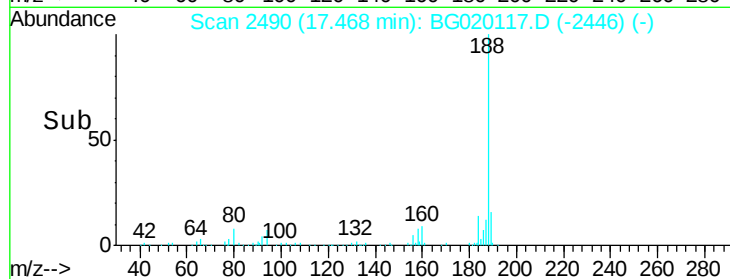
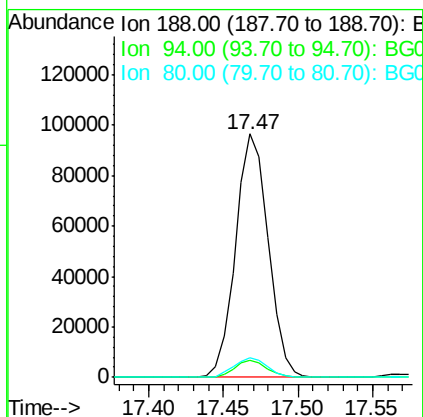
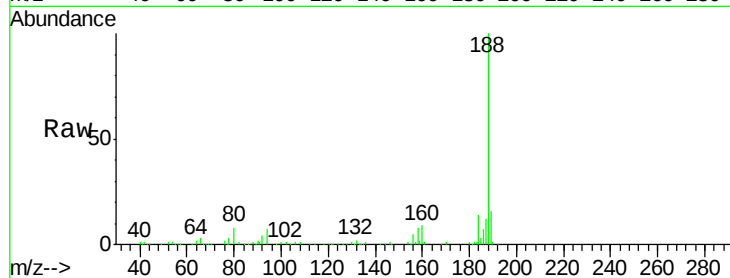




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020117.D
Acq: 11 Dec 2015 22:04

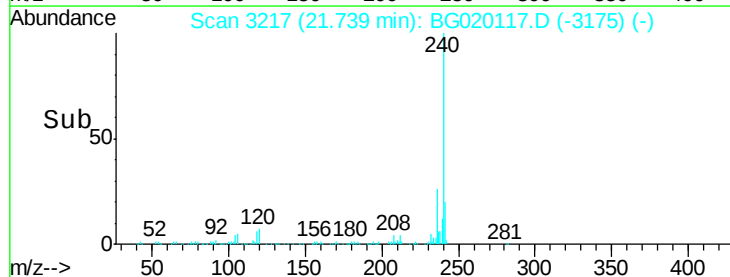
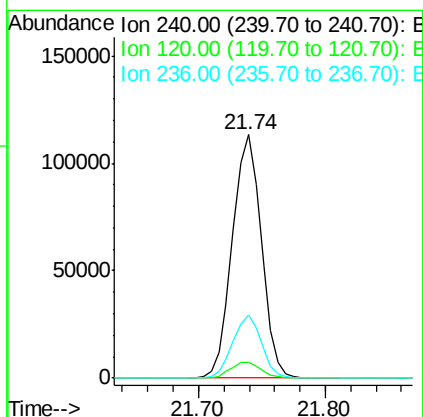
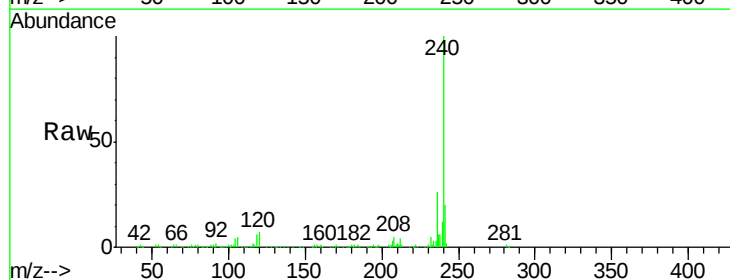
Instrument :
BNA_G
ClientSampleId :
W-52

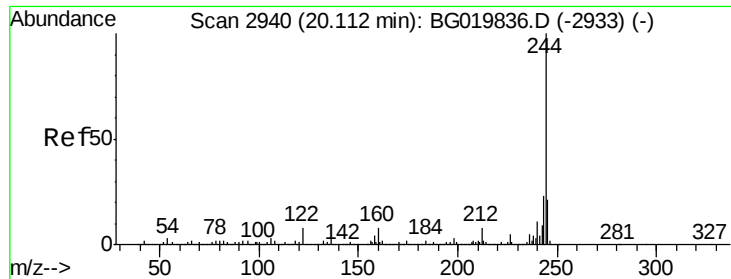
Tgt Ion:188 Resp: 146771
Ion Ratio Lower Upper
188 100
94 7.2 7.7 11.5#
80 8.1 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020117.D
Acq: 11 Dec 2015 22:04

Tgt Ion:240 Resp: 179496
Ion Ratio Lower Upper
240 100
120 6.5 7.4 11.0#
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 93.48 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020117.D

Acq: 11 Dec 2015 22:04

Instrument :

BNA_G

ClientSampleId :

W-52

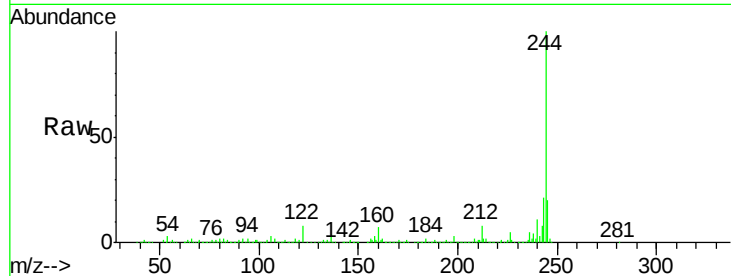
Tgt Ion:244 Resp: 687943

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

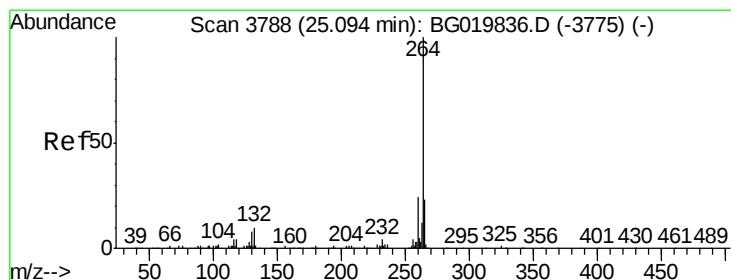
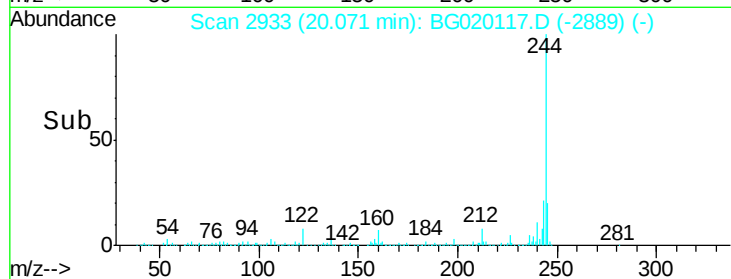
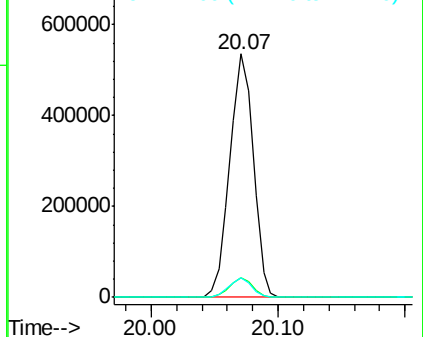
122 8.1 10.2 15.2#



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: 25.01 min Scan# 3773

Delta R.T. -0.09 min

Lab File: BG020117.D

Acq: 11 Dec 2015 22:04

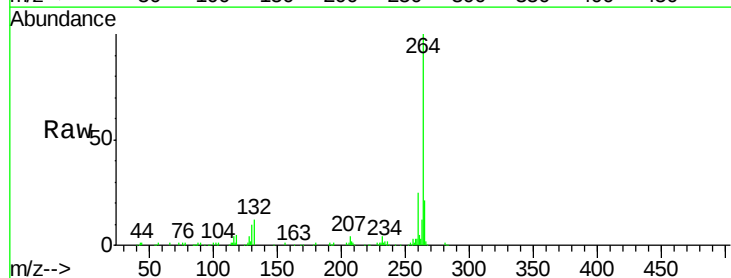
Tgt Ion:264 Resp: 166426

Ion Ratio Lower Upper

264 100

260 24.8 18.5 27.7

265 20.6 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

