

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022349.D
 Acq On : 15 Jun 2016 1:21
 Operator : UM/SJ
 Sample : PB91309BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91309BL

Quant Time: Jun 15 02:28:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20234	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	95229	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	63758	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	185295	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	169099	20.00	ng	-0.01
86) Perylene-d12	24.99	264	155952	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	129972	124.19	ng	-0.02
7) Phenol-d6	7.24	99	192355	116.90	ng	-0.01
23) Nitrobenzene-d5	9.25	82	92631	67.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	78911	109.53	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	261123	62.41	ng	-0.01
78) Terphenyl-d14	20.05	244	519199	72.89	ng	0.00

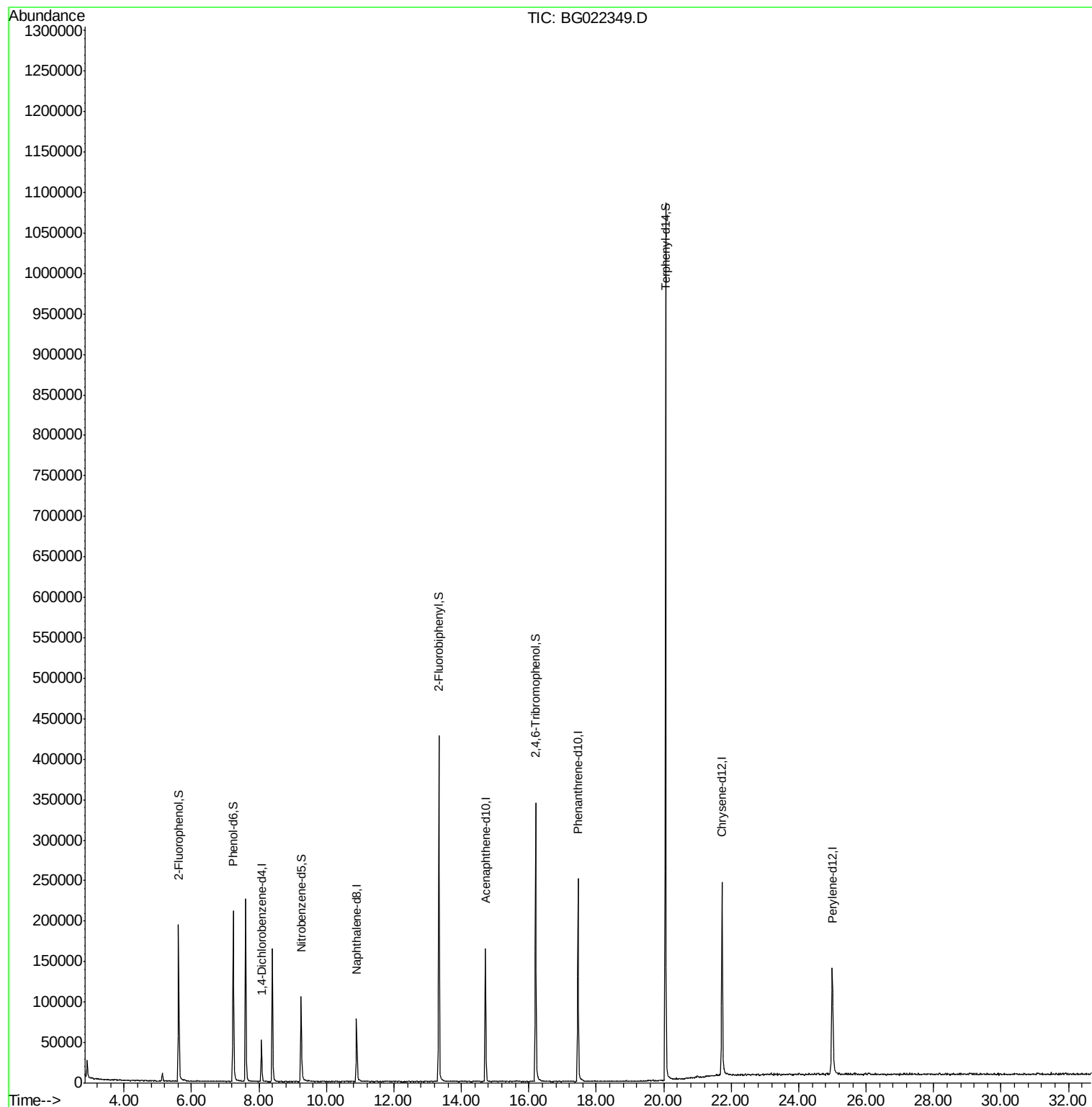
Target Compounds Qvalue

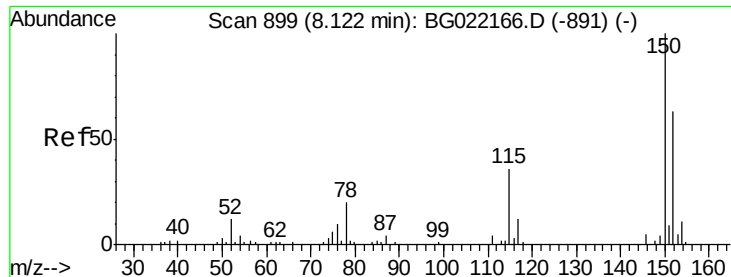
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG022349.D

Acq: 15 Jun 2016 1:21

Instrument :

BNA_G

ClientSampleId :

PB91309BL

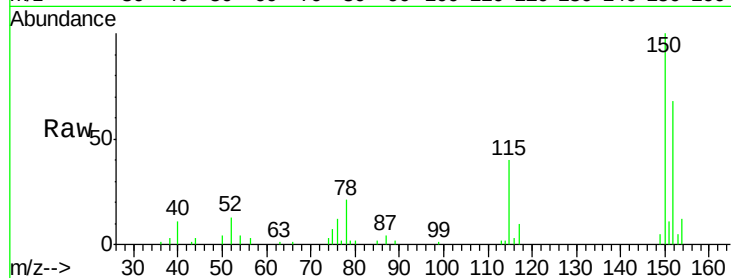
Tot Ion:152 Resp: 20234

Ion Ratio Lower Upper

152 100

150 146.1 130.1 195.1

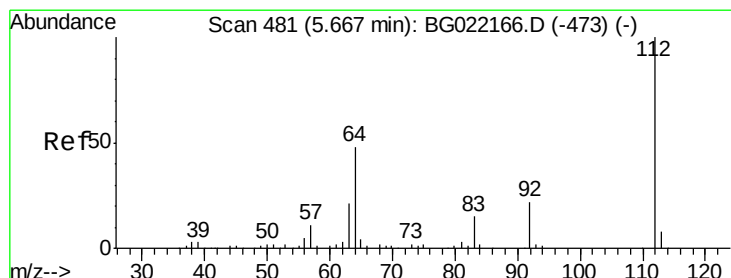
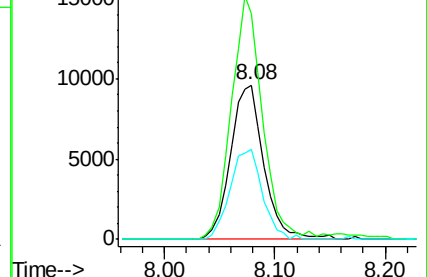
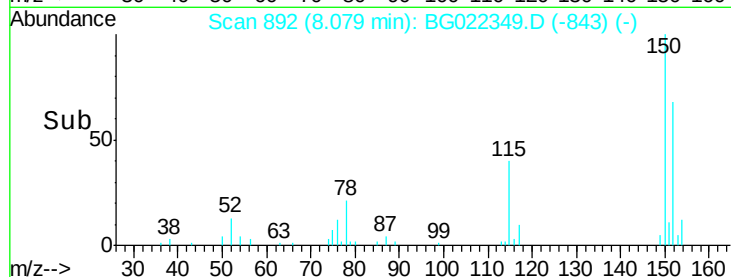
115 57.9 62.2 93.2#



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: 124.19 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022349.D

Acq: 15 Jun 2016 1:21

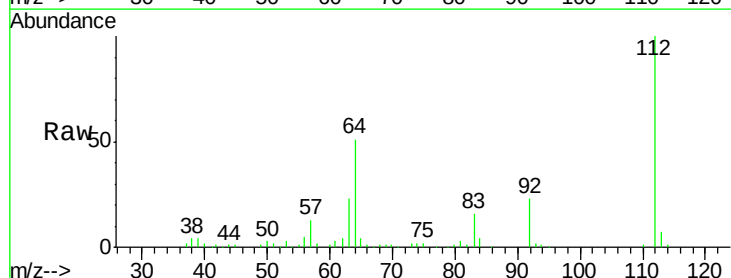
Tgt Ion:112 Resp: 129972

Ion Ratio Lower Upper

112 100

64 50.9 51.1 76.7#

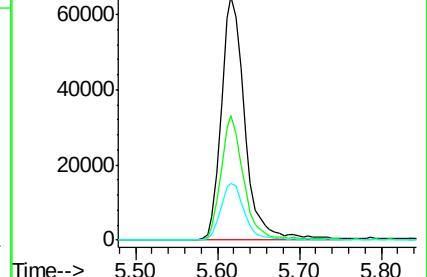
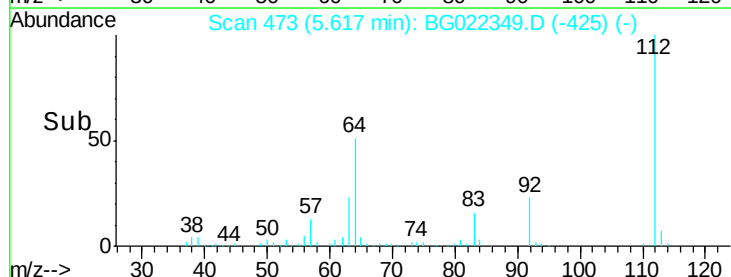
63 23.4 24.6 37.0#

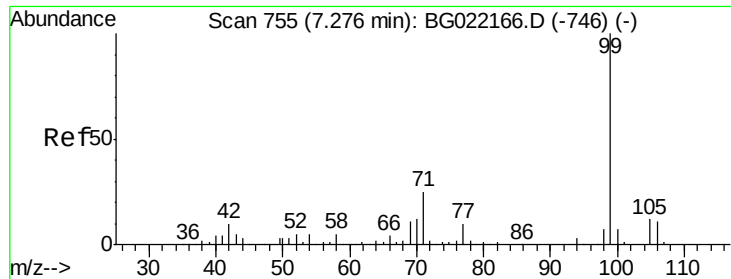


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.90 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG022349.D

Acq: 15 Jun 2016 1:21

Instrument :

BNA_G

ClientSampleId :

PB91309BL

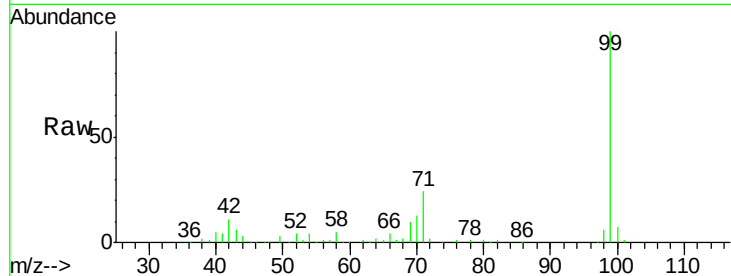
Tot Ion: 99 Resp: 192355

Ion Ratio Lower Upper

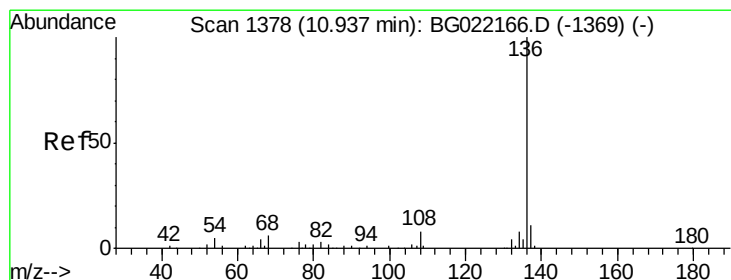
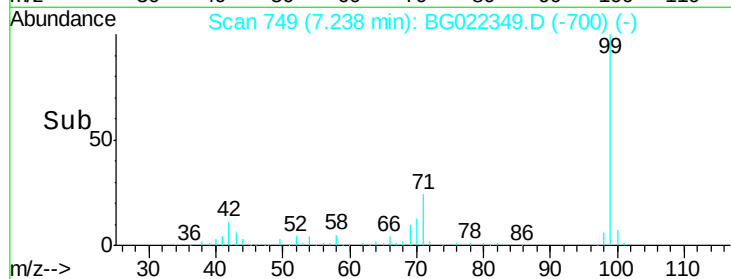
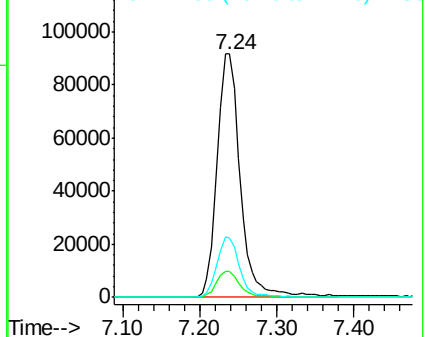
99 100

42 10.5 16.4 24.6#

71 24.4 25.0 37.4#



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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022349.D

Acq: 15 Jun 2016 1:21

Tgt Ion: 136 Resp: 95229

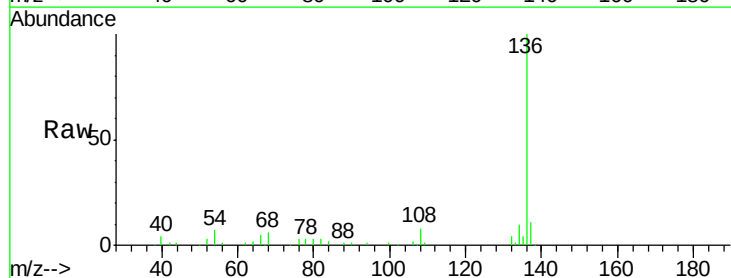
Ion Ratio Lower Upper

136 100

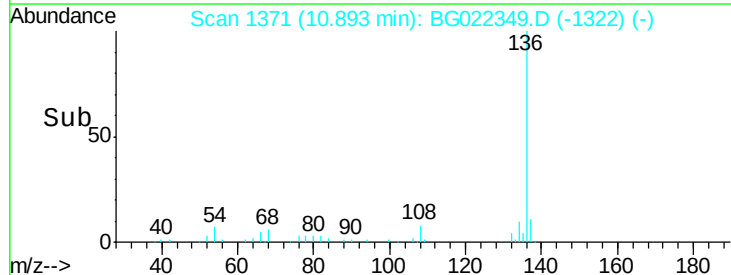
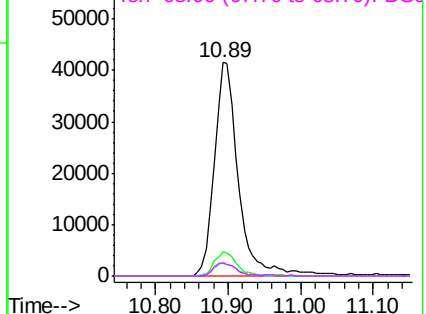
137 11.5 9.0 13.4

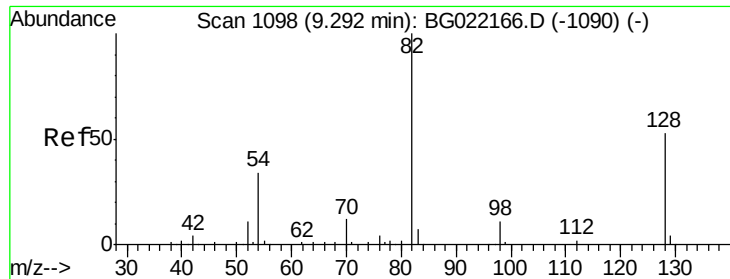
54 6.6 9.6 14.4#

68 5.7 6.4 9.6#



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

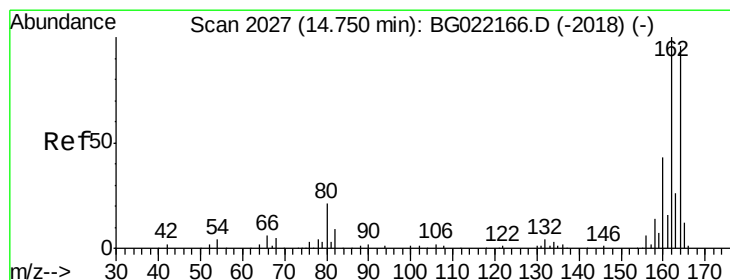
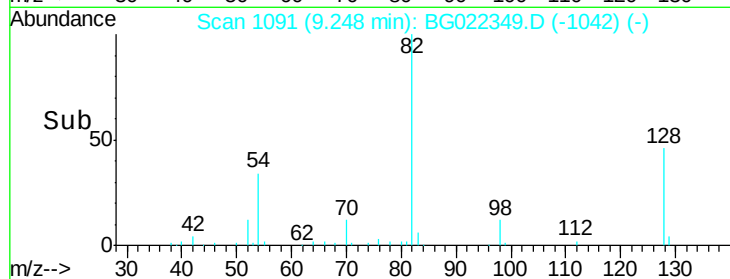
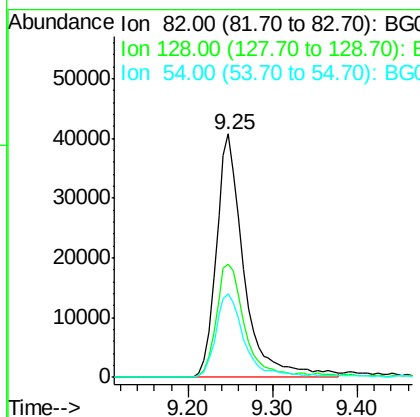
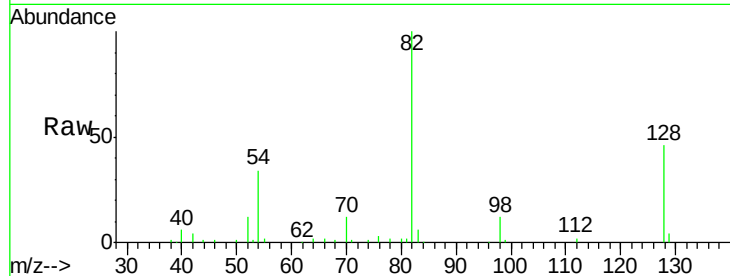




#23
 Nitrobenzene-d5
 Concen: 67.82 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BG022349.D
 Acq: 15 Jun 2016 1:21

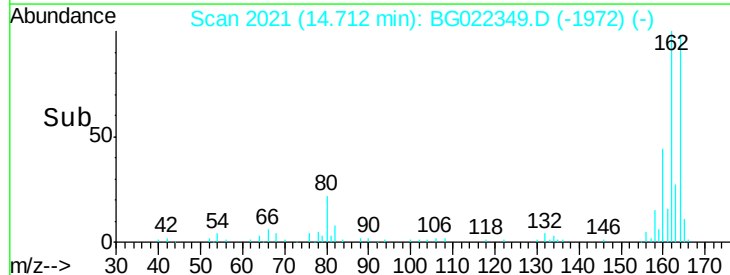
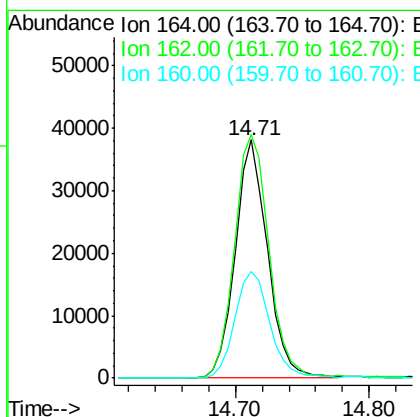
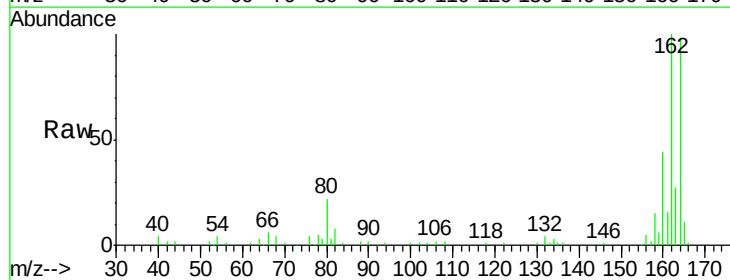
Instrument :
 BNA_G
 ClientSampleId :
 PB91309BL

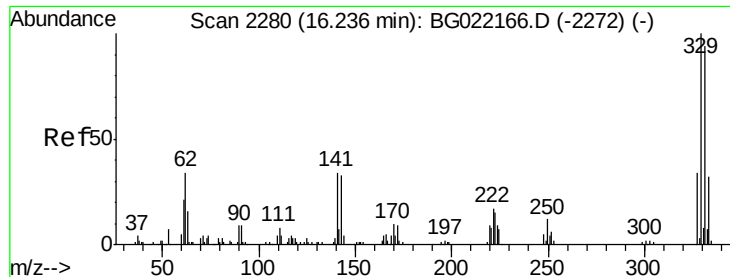
Tot Ion	82	Resp	92631
Ion Ratio	Lower	Upper	
82	100		
128	46.4	33.4	50.0
54	34.5	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BG022349.D
 Acq: 15 Jun 2016 1:21

Tgt Ion	164	Resp	63758
Ion Ratio	Lower	Upper	
164	100		
162	102.1	78.0	117.0
160	44.9	32.9	49.3





#41

2,4,6-Tribromophenol

Concen: 109.53 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG022349.D

Acq: 15 Jun 2016 1:21

Instrument :

BNA_G

ClientSampled :

PB91309BL

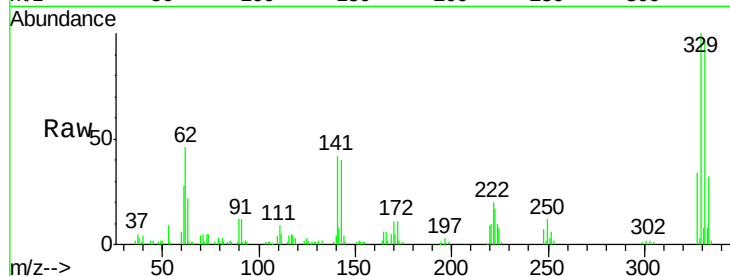
Tot Ion:330 Resp: 78911

Ion Ratio Lower Upper

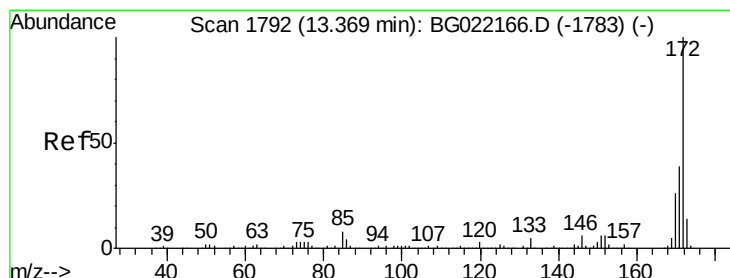
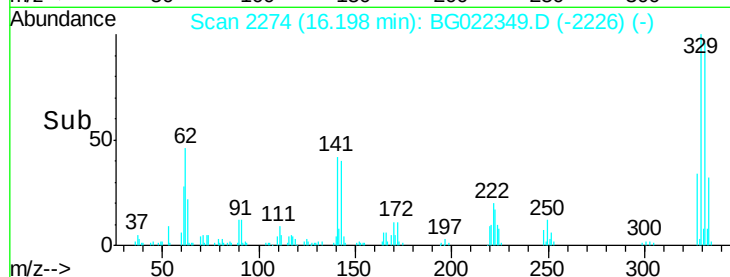
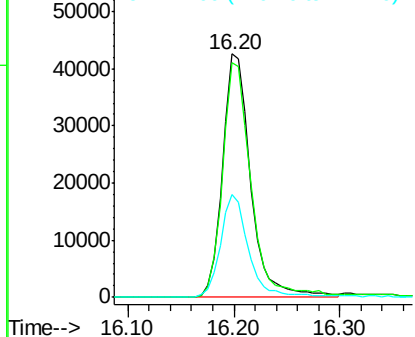
330 100

332 97.1 78.0 117.0

141 42.4 33.8 50.8



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: 62.41 ng

RT: 13.33 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG022349.D

Acq: 15 Jun 2016 1:21

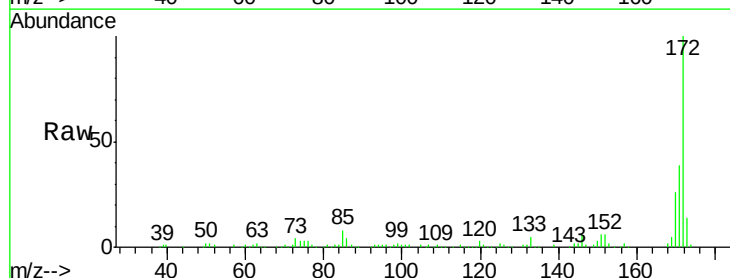
Tgt Ion:172 Resp: 261123

Ion Ratio Lower Upper

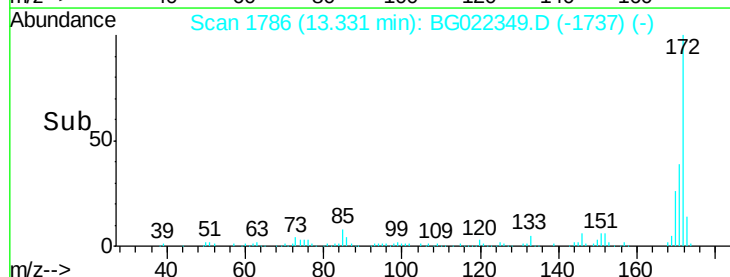
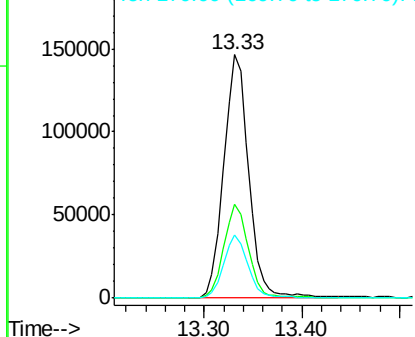
172 100

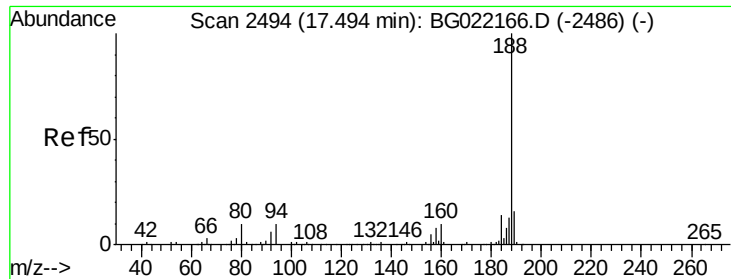
171 38.7 27.8 41.6

170 25.7 19.6 29.4



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

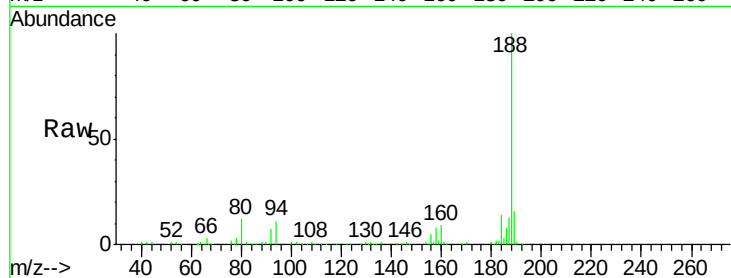




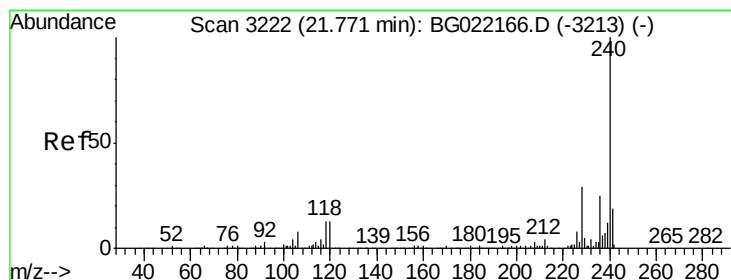
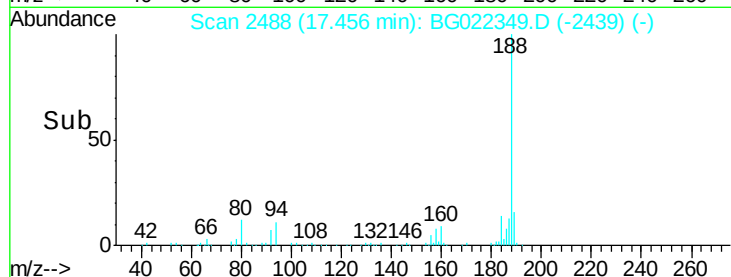
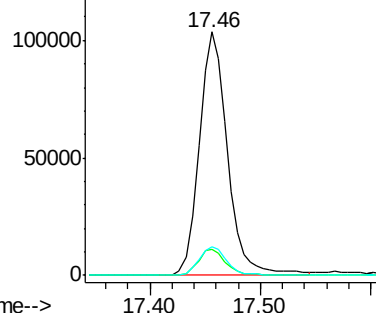
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG022349.D
Acq: 15 Jun 2016 1:21

Instrument :
BNA_G
ClientSampled :
PB91309BL

Tot Ion:188 Resp: 185295
Ion Ratio Lower Upper
188 100
94 10.7 7.5 11.3
80 11.6 8.6 13.0

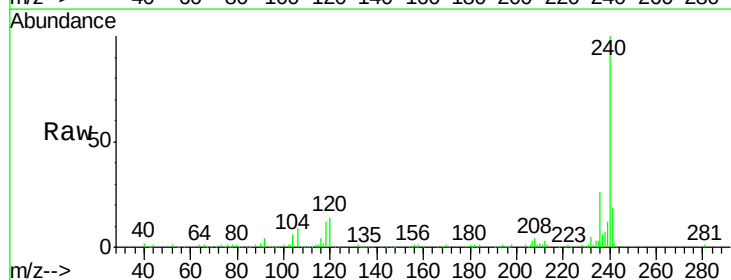


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

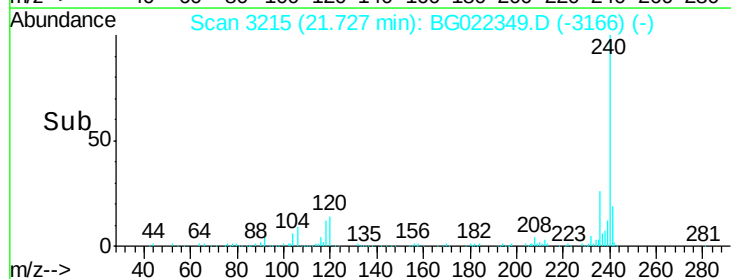
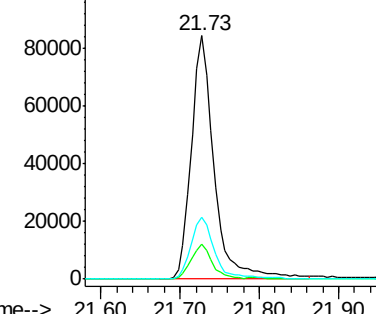


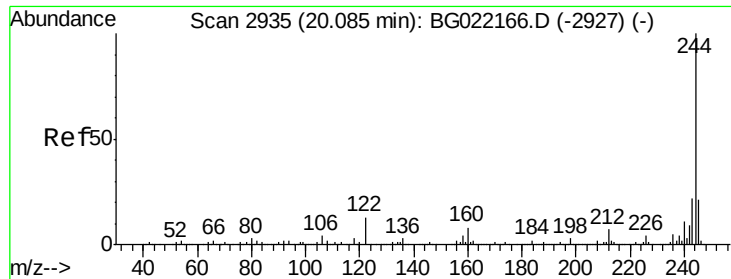
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG022349.D
Acq: 15 Jun 2016 1:21

Tgt Ion:240 Resp: 169099
Ion Ratio Lower Upper
240 100
120 14.3 8.4 12.6#
236 25.6 19.6 29.4



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

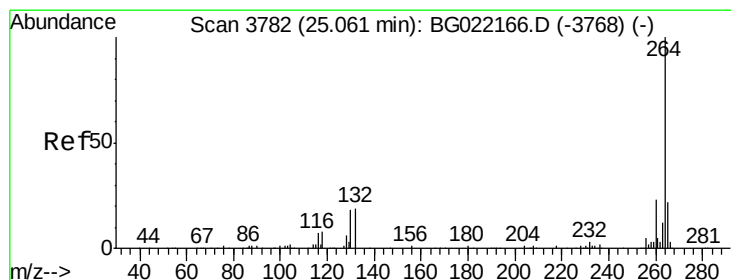
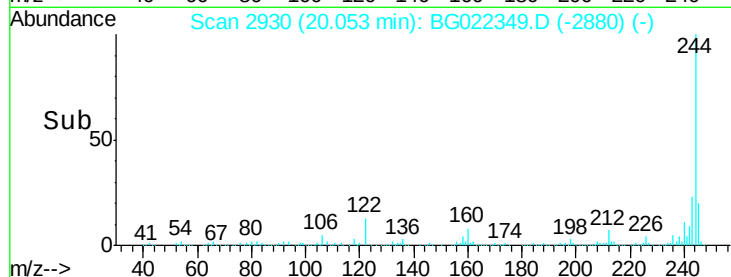
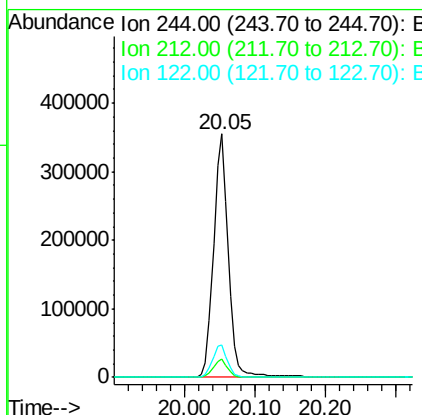
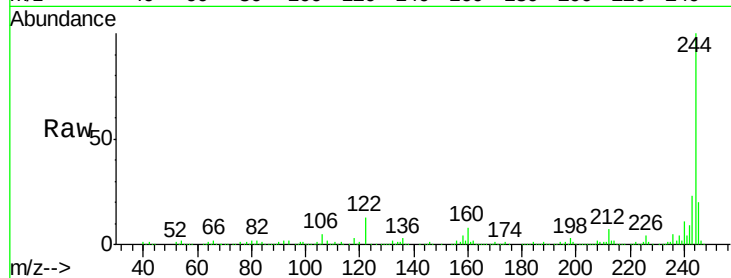




#78
 Terphenyl-d14
 Concen: 72.89 ng
 RT: 20.05 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BG022349.D
 Acq: 15 Jun 2016 1:21

Instrument :
 BNA_G
 ClientSampleId :
 PB91309BL

Tot Ion:244 Resp: 519199
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 13.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.99 min Scan# 3771
 Delta R.T. -0.02 min
 Lab File: BG022349.D
 Acq: 15 Jun 2016 1:21

Tgt Ion:264 Resp: 155952
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.2 30.4
 265 21.0 17.8 26.8

