

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022348.D
 Acq On : 15 Jun 2016 00:26
 Operator : UM/SJ
 Sample : PB91321BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91321BL

Quant Time: Jun 15 02:28:11 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	8.07	152	21042	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	98342	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	65491	20.00	ng	-0.02
63) Phenanthrene-d10	17.45	188	175945	20.00	ng	-0.02
75) Chrysene-d12	21.72	240	170737	20.00	ng	-0.02
86) Perylene-d12	24.99	264	153839	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	140484	129.08	ng	-0.02
7) Phenol-d6	7.23	99	197360	115.34	ng	-0.02
23) Nitrobenzene-d5	9.24	82	100002	70.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.19	330	79309	107.17	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	272306	63.36	ng	-0.02
78) Terphenyl-d14	20.05	244	515974	71.75	ng	0.00

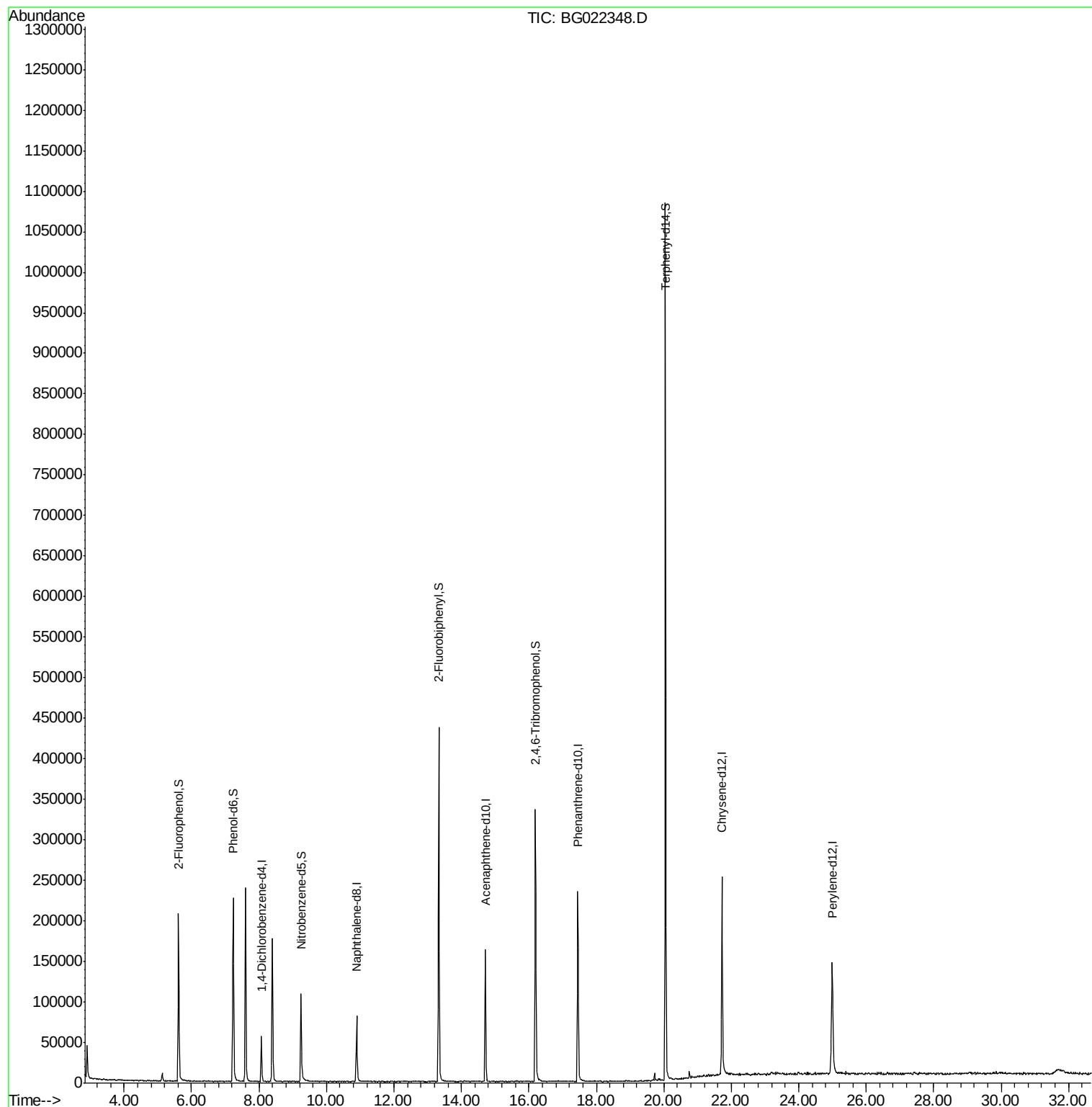
Target Compounds Qvalue

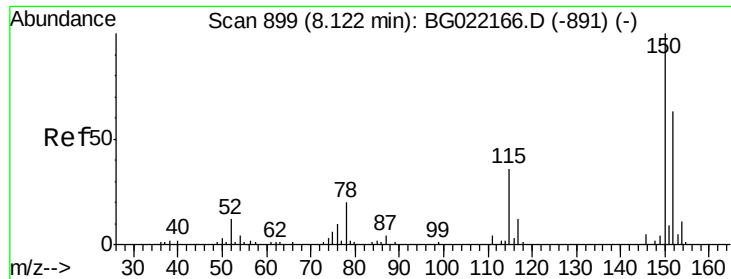
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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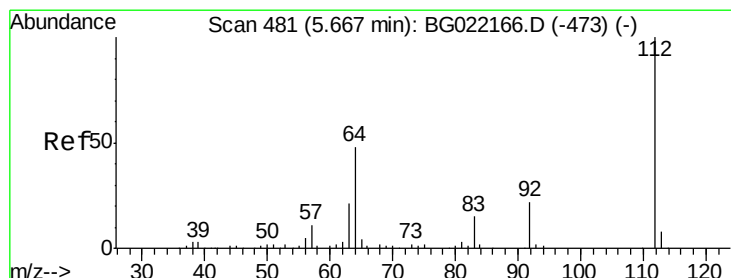
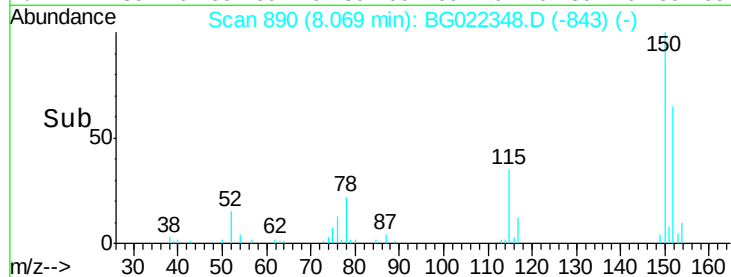
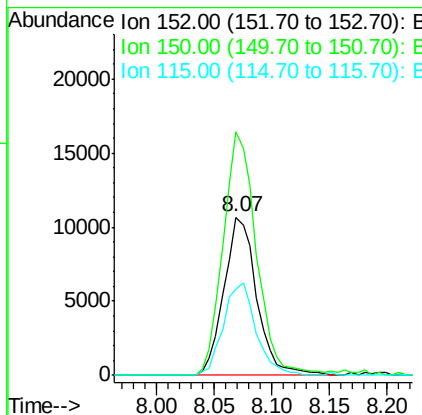
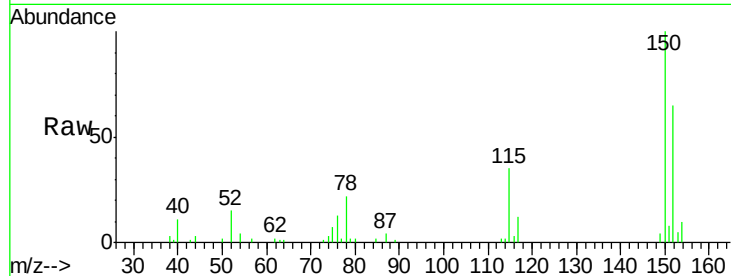


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BG022348.D
 Acq: 15 Jun 2016 00:26

Instrument :
 BNA_G
 ClientSampleId :
 PB91321BL

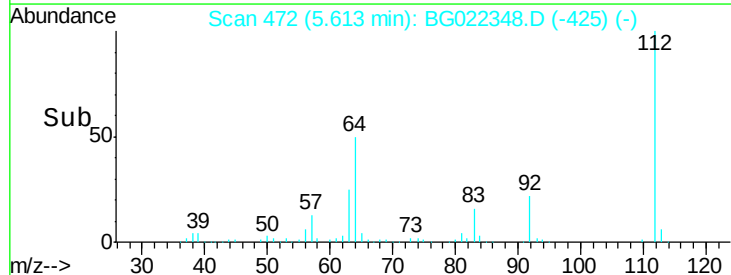
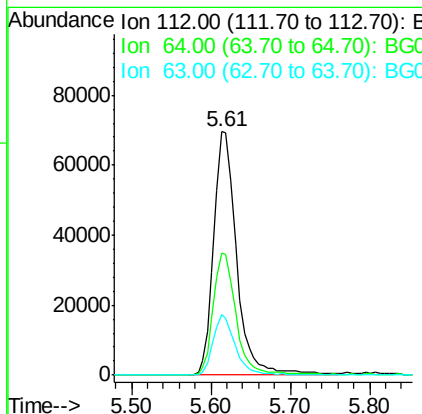
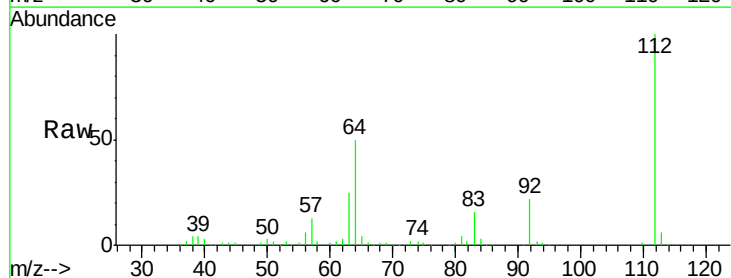
Tot Ion:152 Resp: 21042
 Ion Ratio Lower Upper
 152 100
 150 154.1 130.1 195.1
 115 54.5 62.2 93.2#

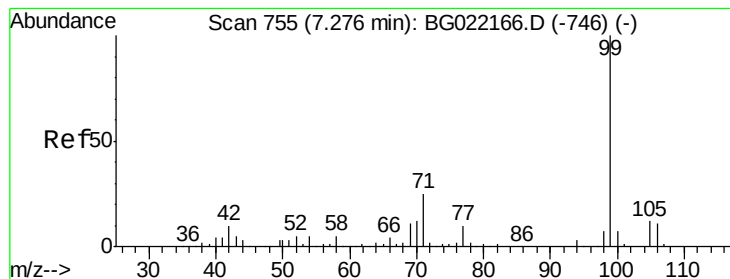


#5

2-Fluorophenol
 Concen: 129.08 ng
 RT: 5.61 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BG022348.D
 Acq: 15 Jun 2016 00:26

Tgt Ion:112 Resp: 140484
 Ion Ratio Lower Upper
 112 100
 64 50.1 51.1 76.7#
 63 24.8 24.6 37.0





#7

Phenol-d6

Concen: 115.34 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022348.D

Acq: 15 Jun 2016 00:26

Instrument :

BNA_G

ClientSampleId :

PB91321BL

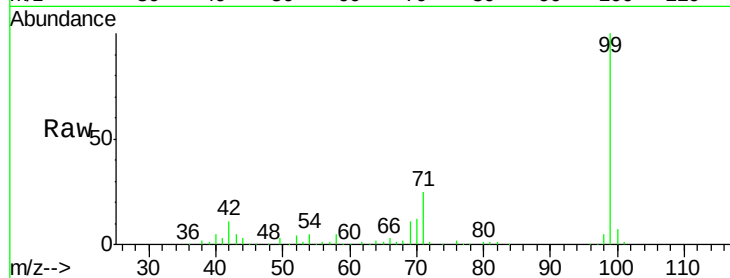
Tot Ion: 99 Resp: 197360

Ion Ratio Lower Upper

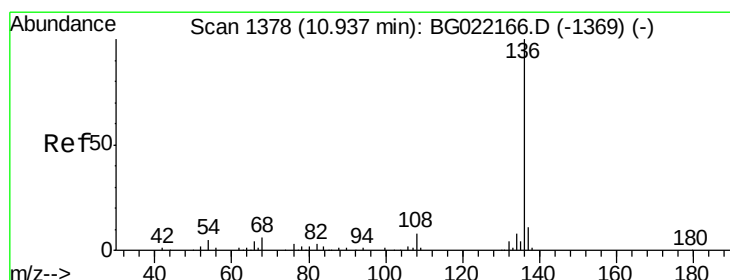
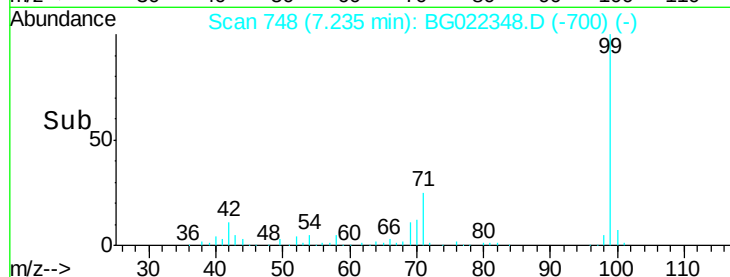
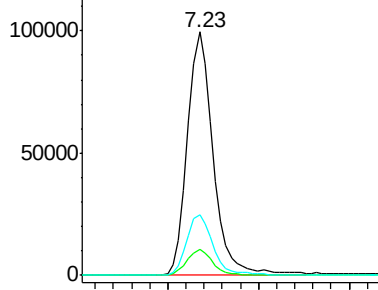
99 100

42 10.5 16.4 24.6#

71 24.8 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: 10.90 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022348.D

Acq: 15 Jun 2016 00:26

Tgt Ion: 136 Resp: 98342

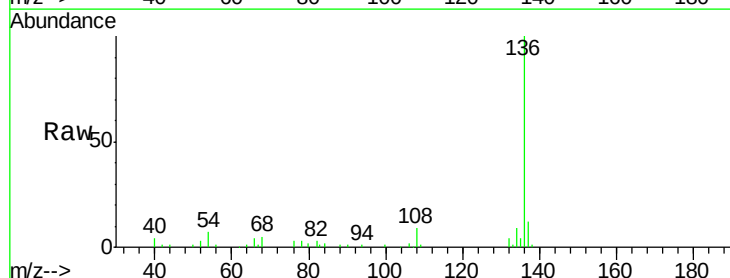
Ion Ratio Lower Upper

136 100

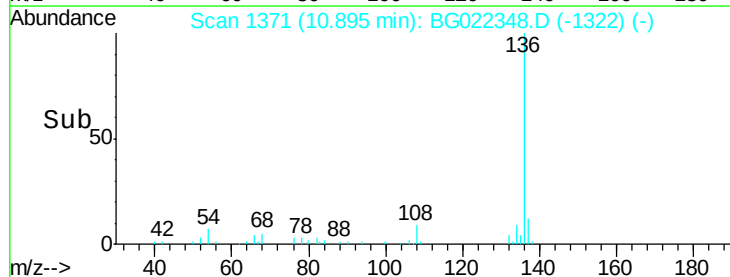
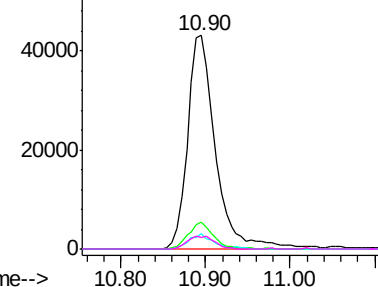
137 12.4 9.0 13.4

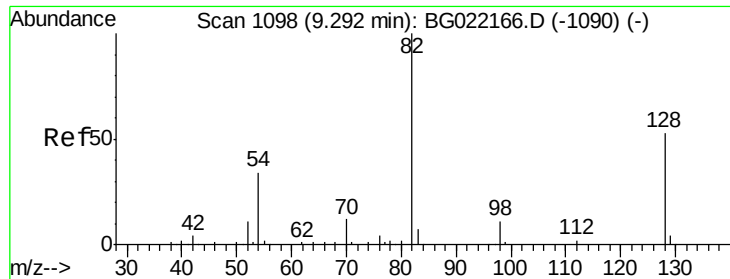
54 7.4 9.6 14.4#

68 5.2 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

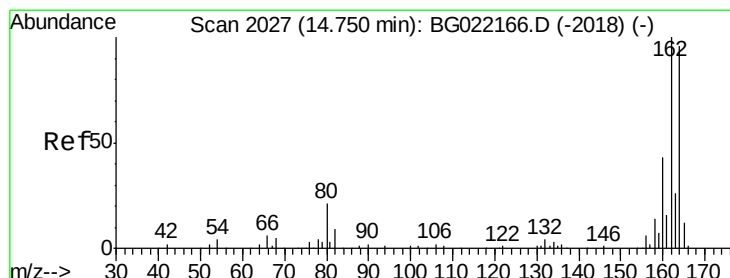
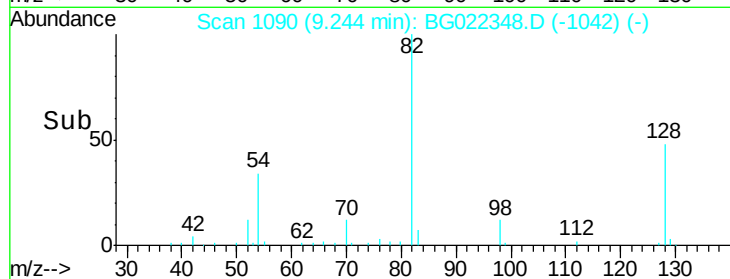
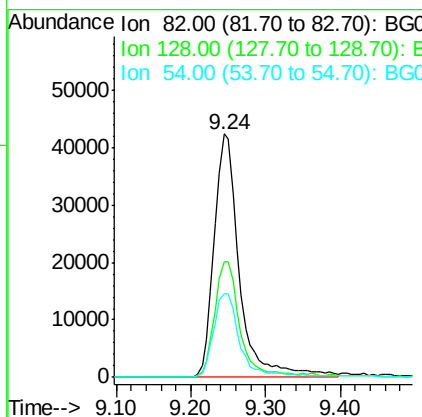
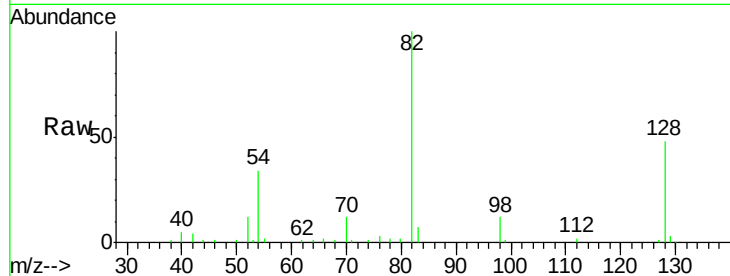




#23
 Nitrobenzene-d5
 Concen: 70.89 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BG022348.D
 Acq: 15 Jun 2016 00:26

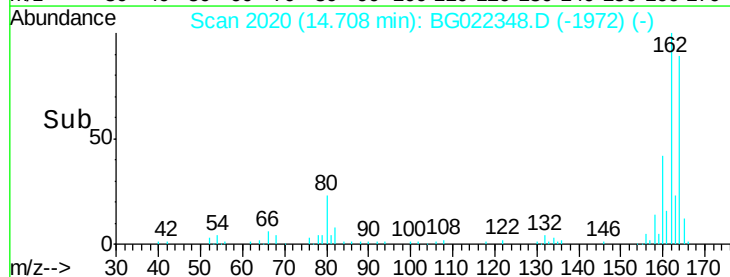
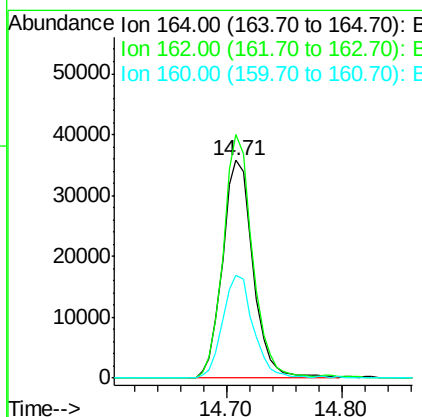
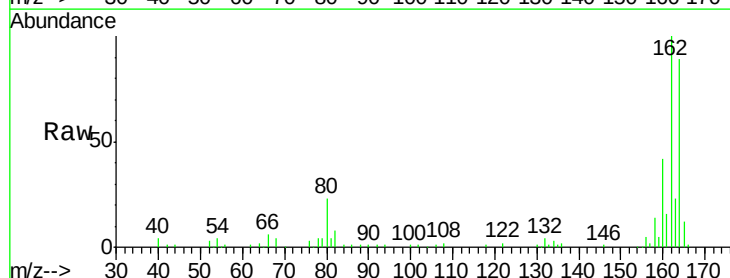
Instrument :
 BNA_G
 ClientSampleID :
 PB91321BL

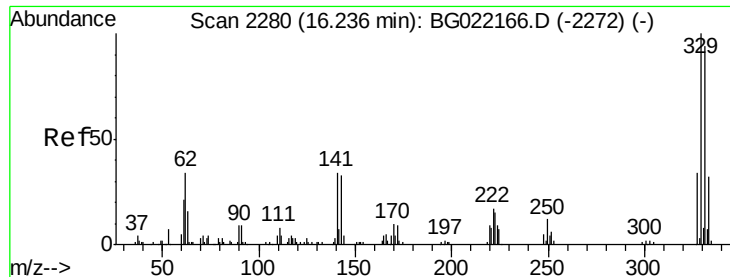
Tot Ion: 82 Resp: 100002
 Ion Ratio Lower Upper
 82 100
 128 47.7 33.4 50.0
 54 34.4 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BG022348.D
 Acq: 15 Jun 2016 00:26

Tgt Ion: 164 Resp: 65491
 Ion Ratio Lower Upper
 164 100
 162 111.8 78.0 117.0
 160 46.9 32.9 49.3

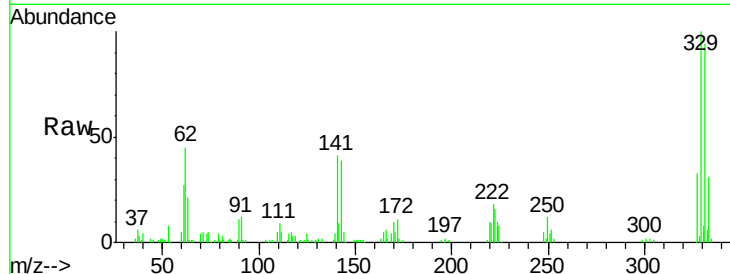




#41
 2,4,6-Tribromophenol
 Concen: 107.17 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BG022348.D
 Acq: 15 Jun 2016 00:26

Instrument :
 BNA_G
 ClientSampled :
 PB91321BL

Tot Ion	330	332	141
Resp:	79309		
Ion Ratio	100	93.8	40.4
Lower		78.0	33.8
Upper		117.0	50.8

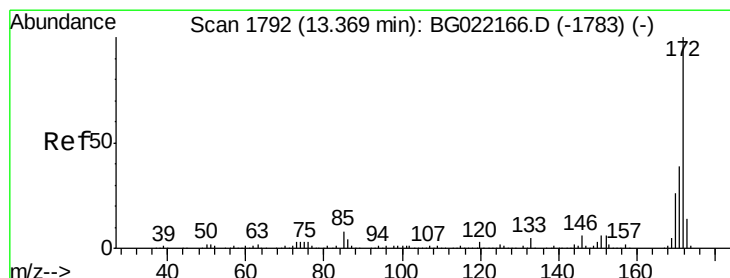
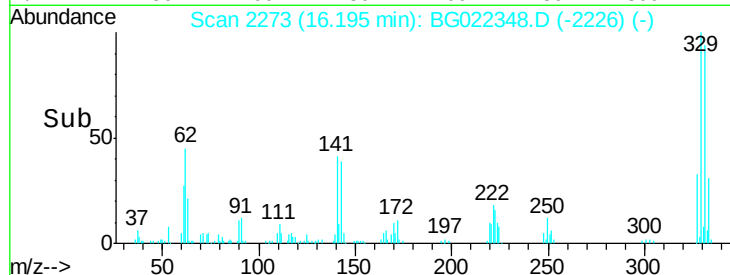
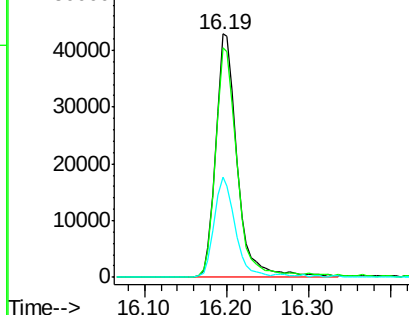


Abundance

Ion 329.80 (329.50 to 330.50): E

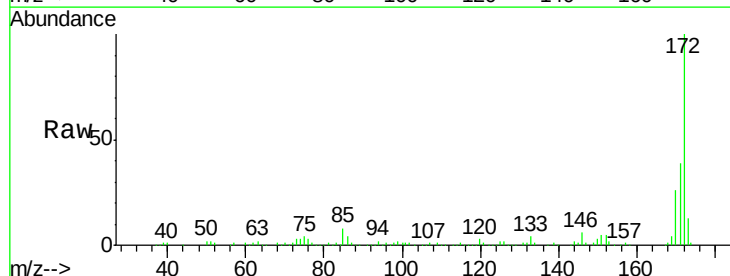
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.36 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.02 min
 Lab File: BG022348.D
 Acq: 15 Jun 2016 00:26

Tgt Ion	172	171	170
Resp:	272306		
Ion Ratio	100	38.9	25.8
Lower		27.8	19.6
Upper		41.6	29.4

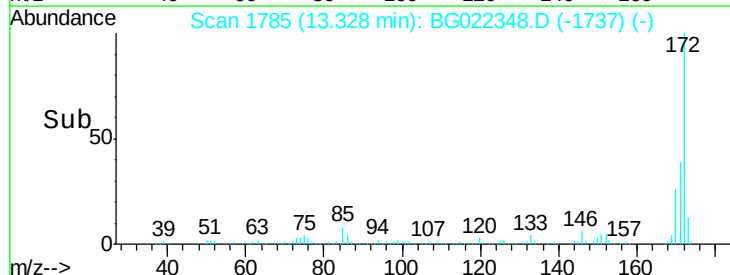
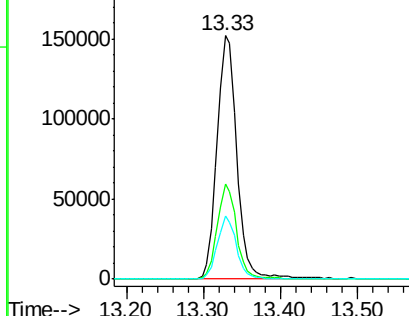


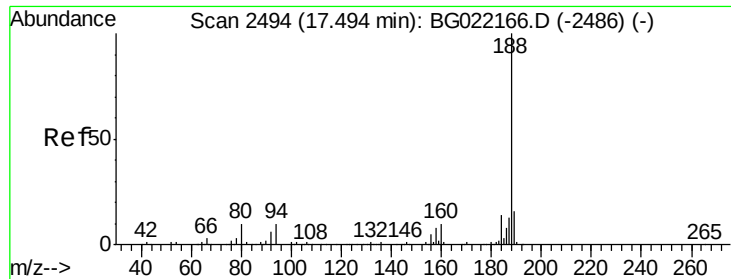
Abundance

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

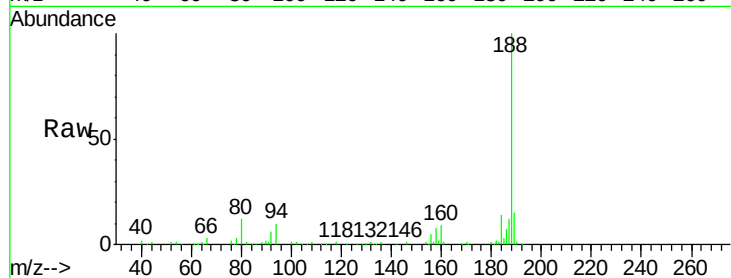




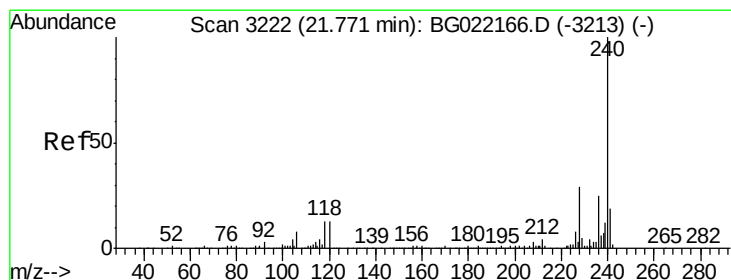
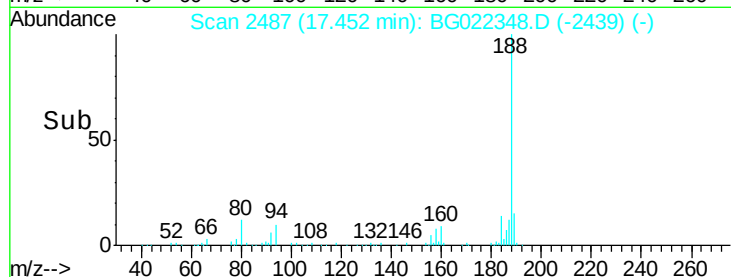
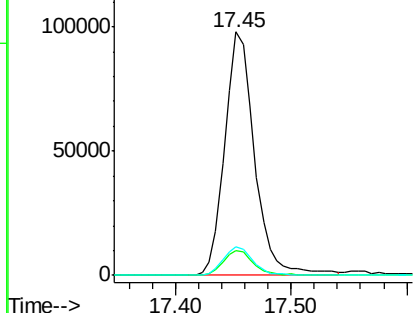
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2487
Delta R.T. -0.02 min
Lab File: BG022348.D
Acq: 15 Jun 2016 00:26

Instrument :
BNA_G
ClientSampleId :
PB91321BL

Tot Ion:188 Resp: 175945
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 11.9 8.6 13.0

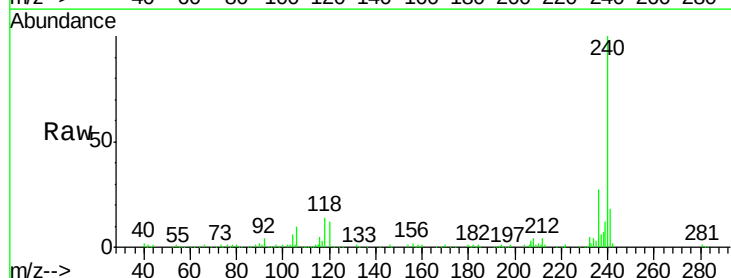


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

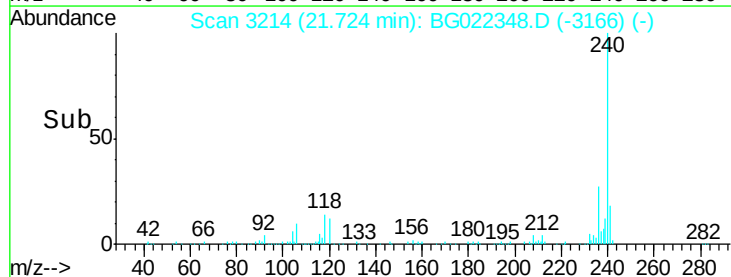
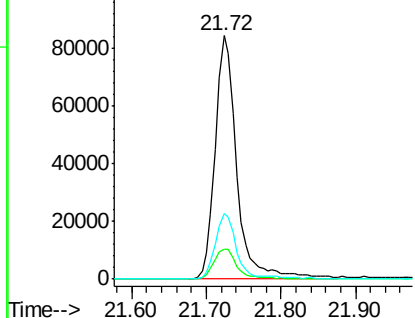


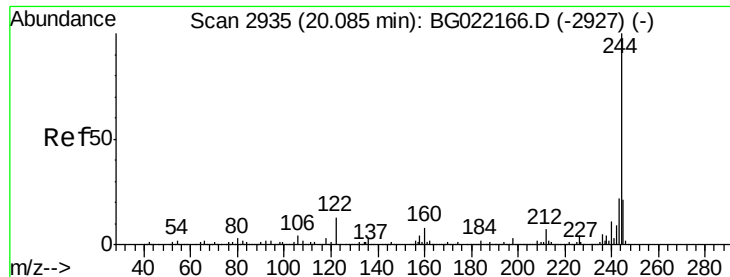
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.02 min
Lab File: BG022348.D
Acq: 15 Jun 2016 00:26

Tgt Ion:240 Resp: 170737
Ion Ratio Lower Upper
240 100
120 12.3 8.4 12.6
236 26.8 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: 71.75 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022348.D

Acq: 15 Jun 2016 00:26

Instrument :

BNA_G

ClientSampleId :

PB91321BL

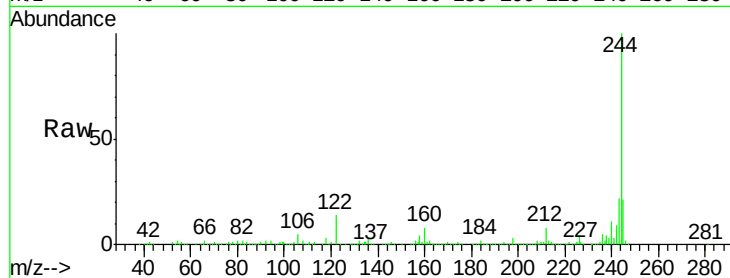
Tot Ion:244 Resp: 515974

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

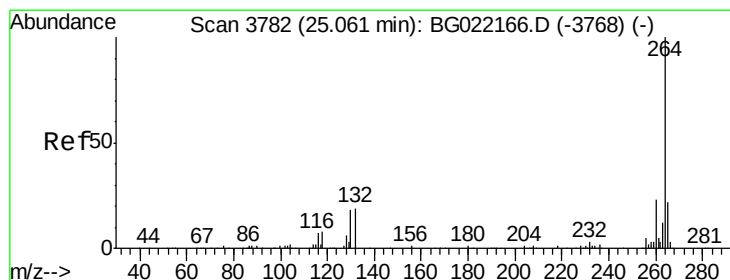
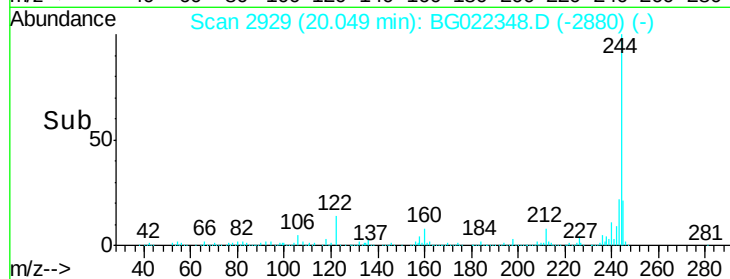
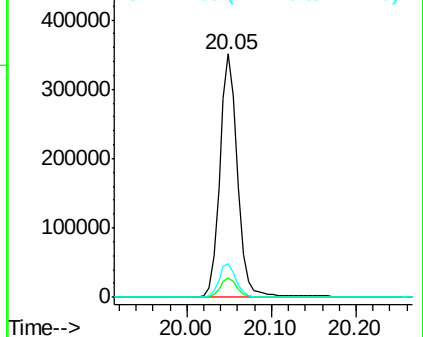
122 13.6 8.6 12.8#



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: 24.99 min Scan# 3770

Delta R.T. -0.02 min

Lab File: BG022348.D

Acq: 15 Jun 2016 00:26

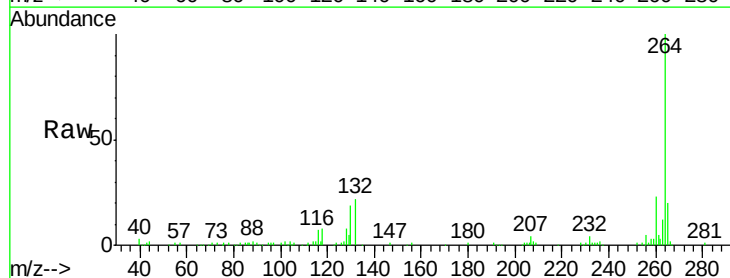
Tgt Ion:264 Resp: 153839

Ion Ratio Lower Upper

264 100

260 23.2 20.2 30.4

265 20.1 17.8 26.8



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

