

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022366.D
 Acq On : 16 Jun 2016 14:54
 Operator : UM/SJ
 Sample : H3567-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Quant Time: Jun 17 02:22:08 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

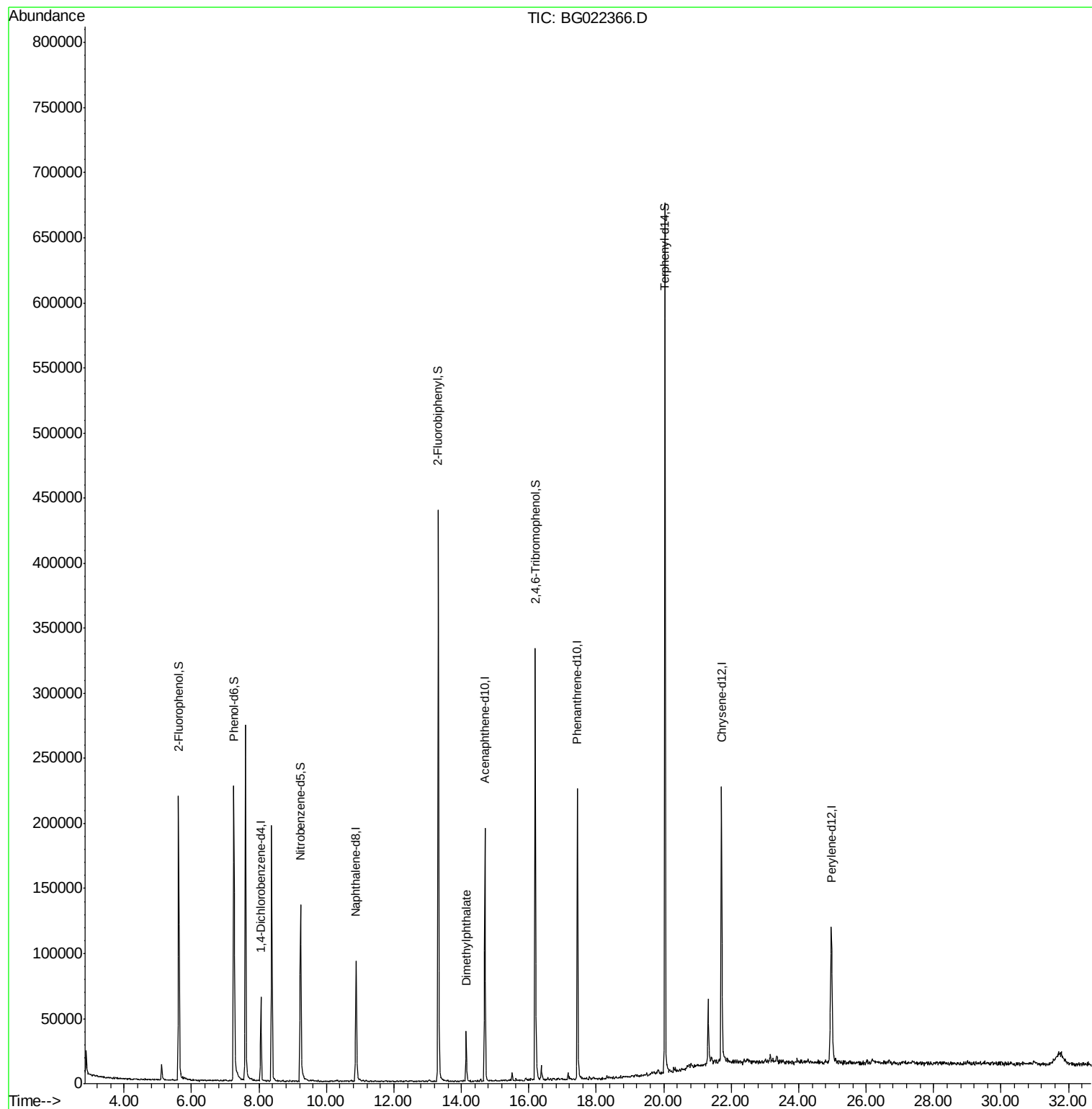
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22747	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	114063	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	73875	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	165861	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	144100	20.00	ng	-0.03
86) Perylene-d12	24.96	264	128413	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	148533	126.25	ng	-0.02
7) Phenol-d6	7.26	99	215914	116.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	120351	73.56	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	75445	90.38	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	272602	56.23	ng	-0.03
78) Terphenyl-d14	20.03	244	304217	50.12	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.14	163	35333	5.77	ng	Qvalue 99

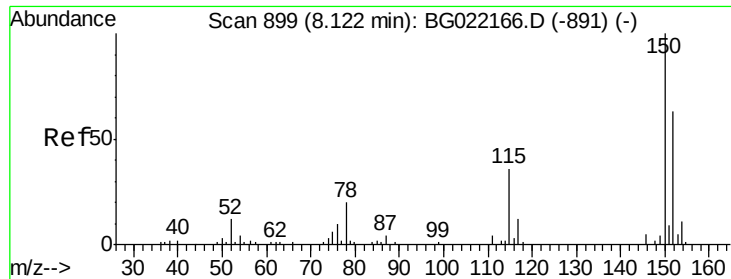
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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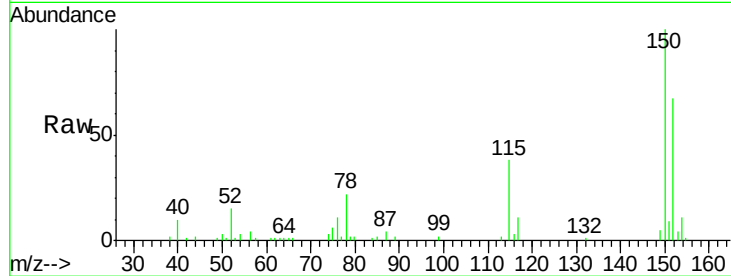


#1

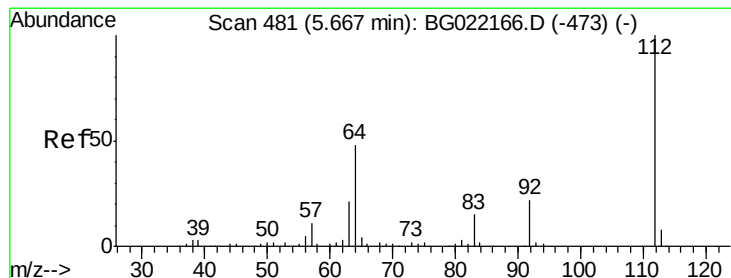
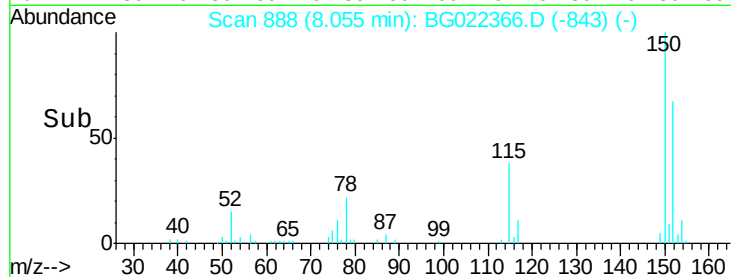
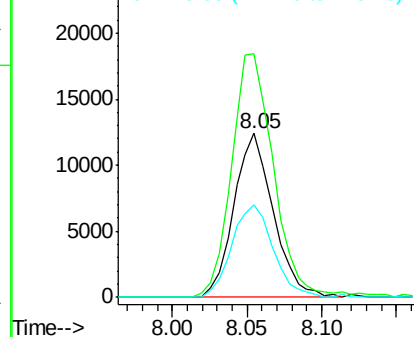
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.04 min
Lab File: BG022366.D
Acq: 16 Jun 2016 14:54

Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

Tgt Ion:152 Resp: 22747
Ion Ratio Lower Upper
152 100
150 148.3 130.1 195.1
115 56.1 62.2 93.2#



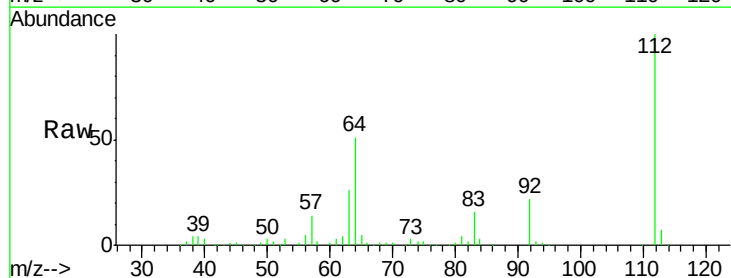
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



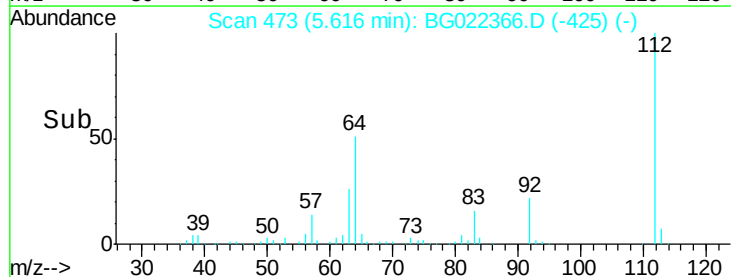
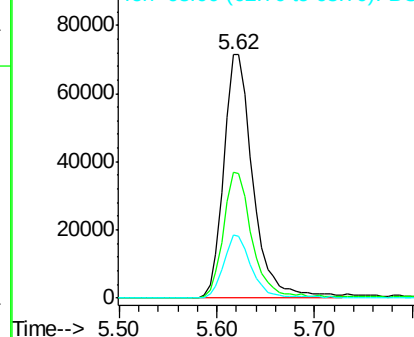
#5

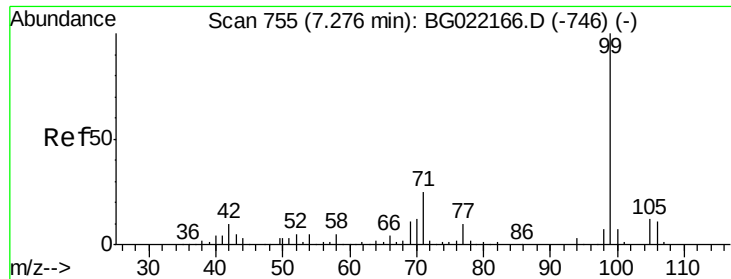
2-Fluorophenol
Concen: 126.25 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022366.D
Acq: 16 Jun 2016 14:54

Tgt Ion:112 Resp: 148533
Ion Ratio Lower Upper
112 100
64 51.5 51.1 76.7
63 25.9 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: 116.72 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.01 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

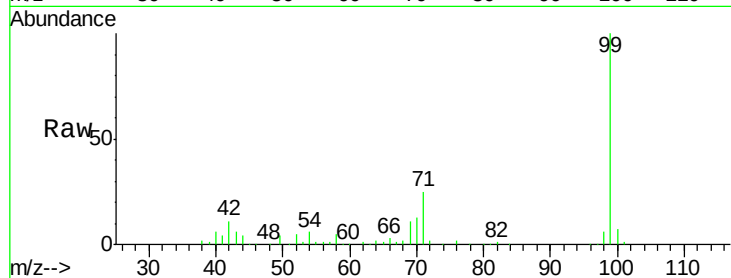
Tgt Ion: 99 Resp: 215914

Ion Ratio Lower Upper

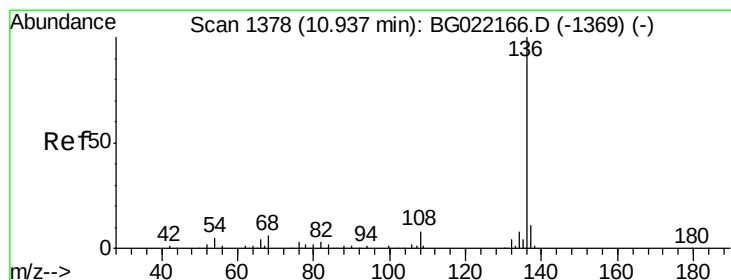
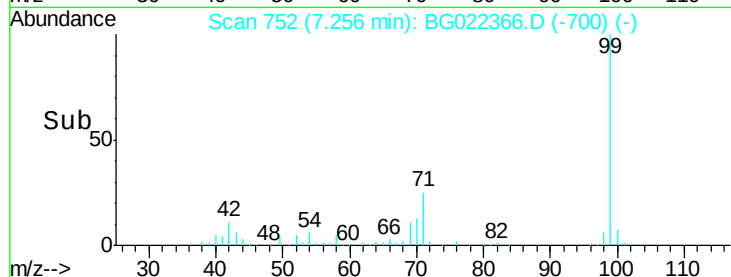
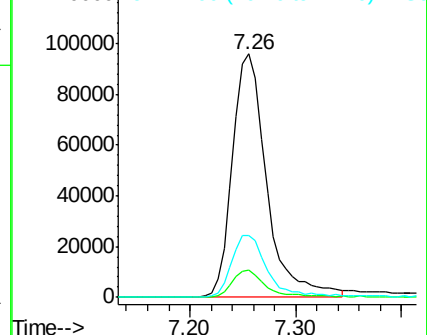
99 100

42 11.1 16.4 24.6#

71 25.4 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: 10.88 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

Tgt Ion: 136 Resp: 114063

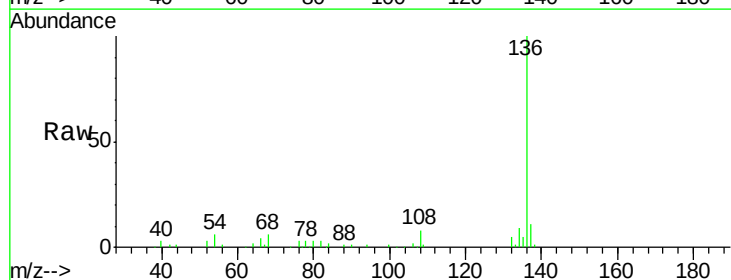
Ion Ratio Lower Upper

136 100

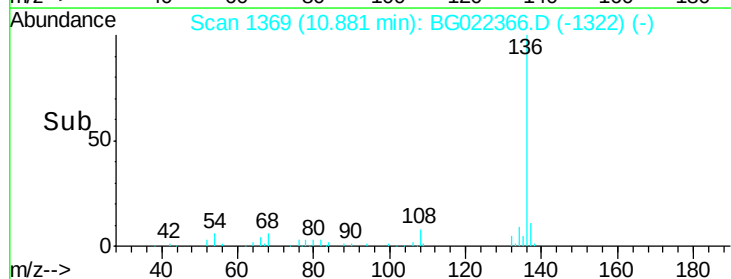
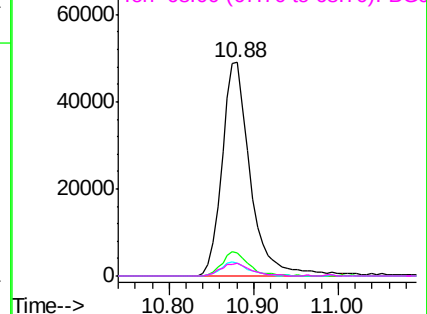
137 11.1 9.0 13.4

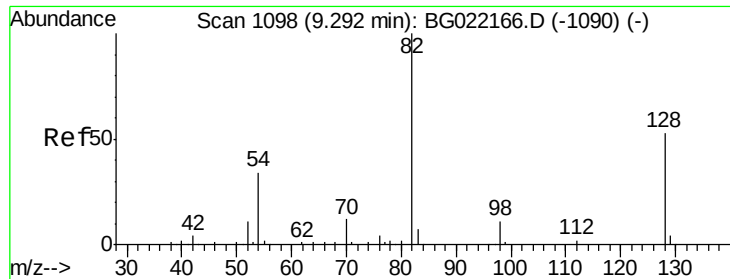
54 5.8 9.6 14.4#

68 5.8 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

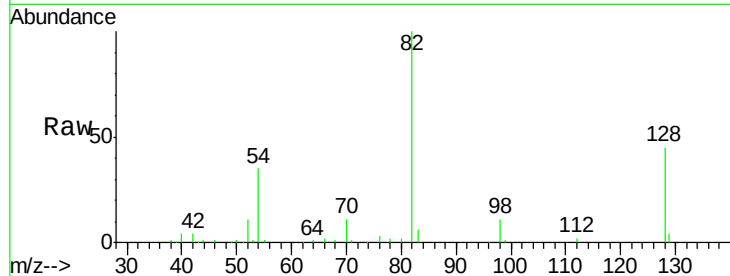




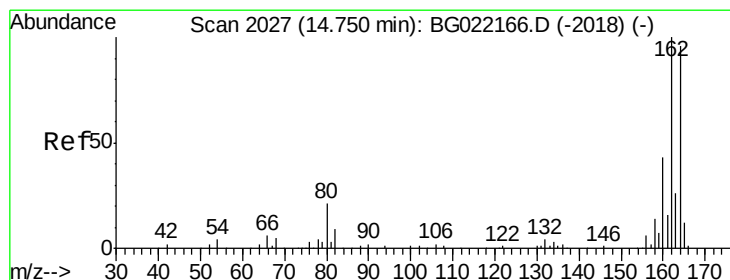
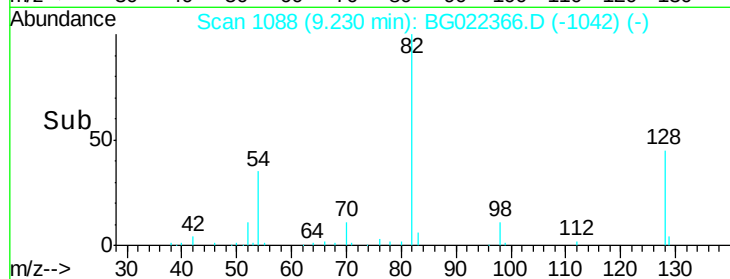
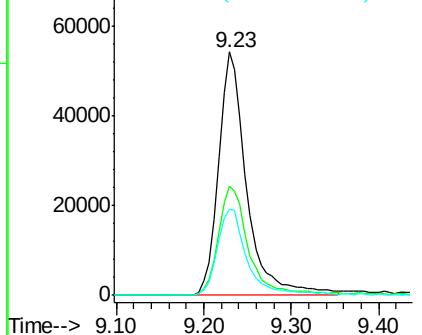
#23
 Nitrobenzene-d5
 Concen: 73.56 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BG022366.D
 Acq: 16 Jun 2016 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Tgt Ion: 82 Resp: 120351
 Ion Ratio Lower Upper
 82 100
 128 44.6 33.4 50.0
 54 35.3 46.1 69.1#

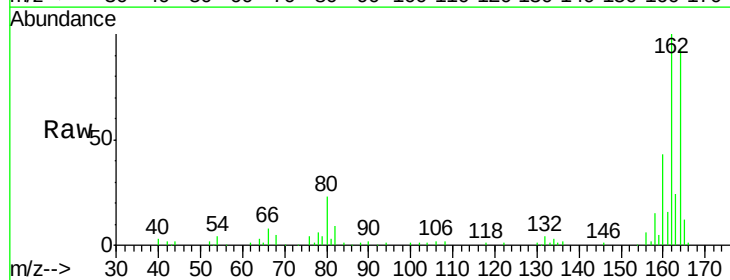


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

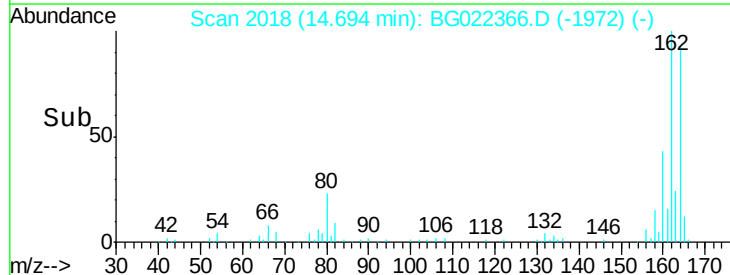
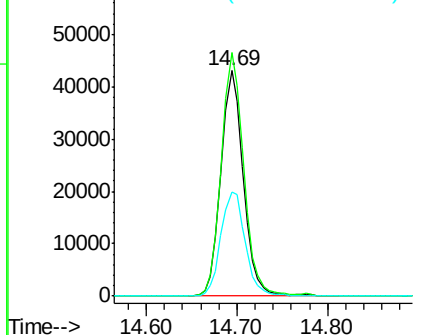


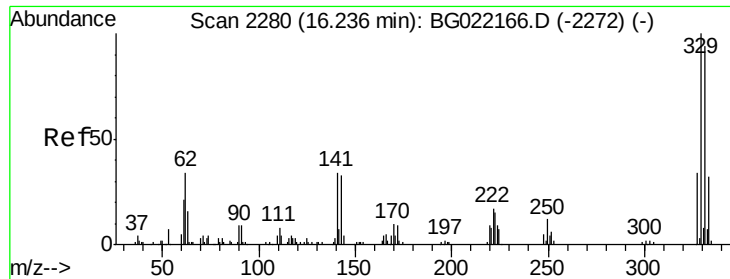
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 2018
 Delta R.T. -0.03 min
 Lab File: BG022366.D
 Acq: 16 Jun 2016 14:54

Tgt Ion: 164 Resp: 73875
 Ion Ratio Lower Upper
 164 100
 162 108.1 78.0 117.0
 160 46.4 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 90.38 ng

RT: 16.19 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

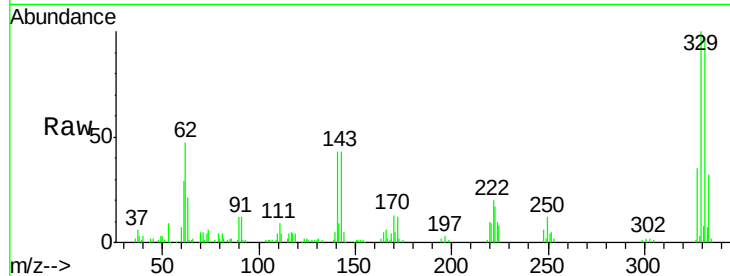
Tgt Ion:330 Resp: 75445

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

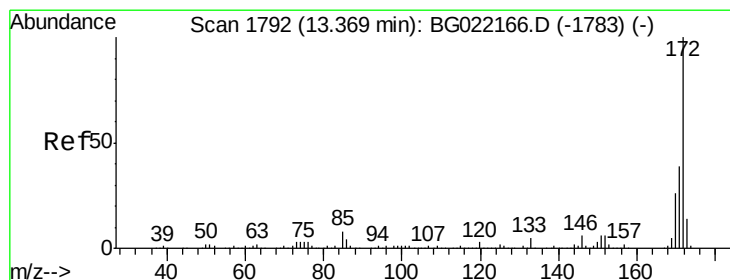
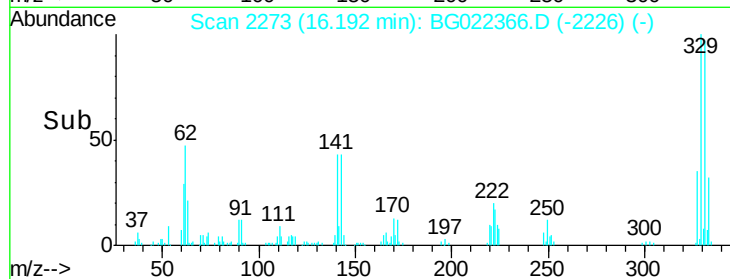
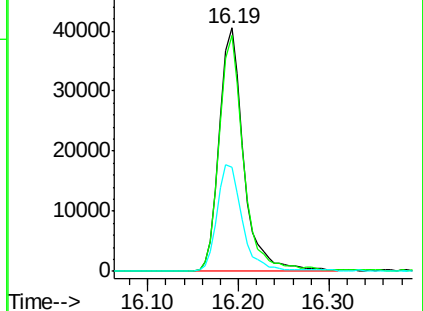
141 45.1 33.8 50.8



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: 56.23 ng

RT: 13.31 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

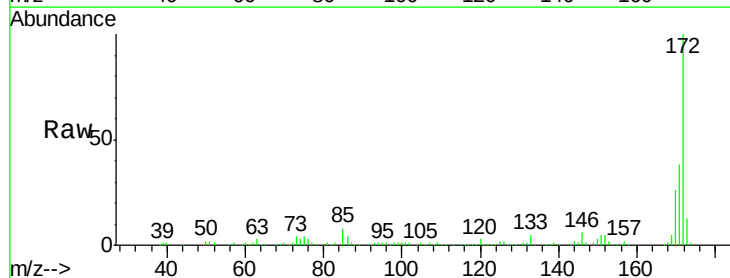
Tgt Ion:172 Resp: 272602

Ion Ratio Lower Upper

172 100

171 38.0 27.8 41.6

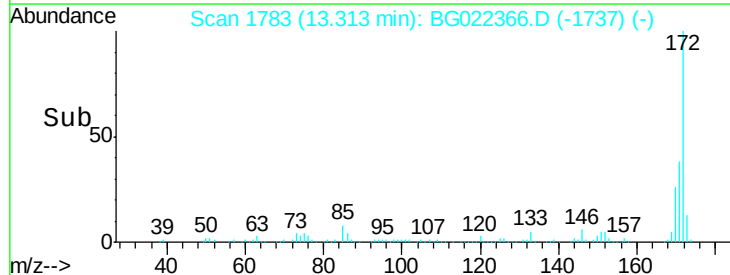
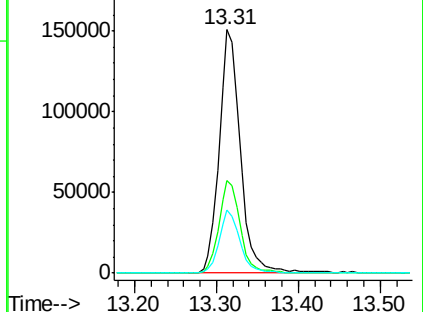
170 25.8 19.6 29.4

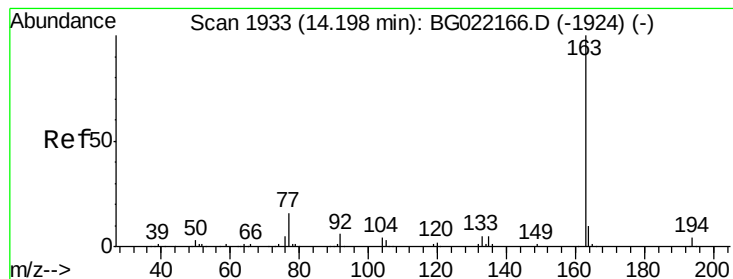


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.77 ng

RT: 14.14 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

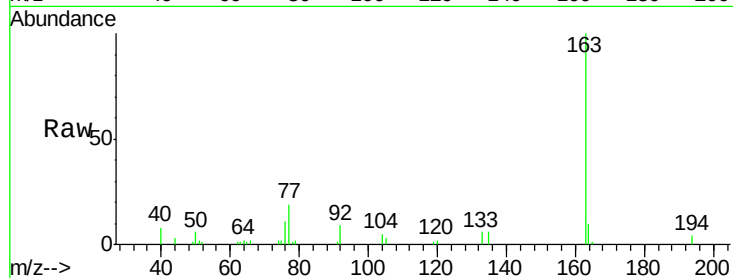
Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

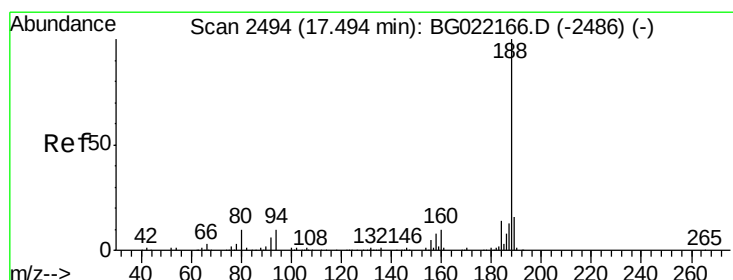
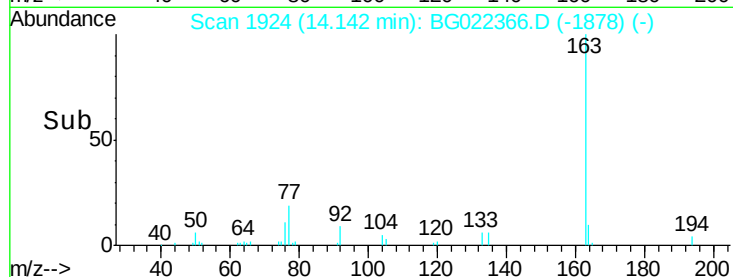
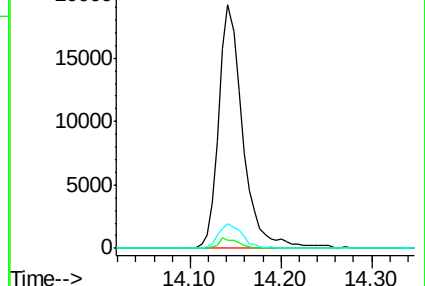
Tgt Ion:	163	Resp:	35333
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	10.3	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

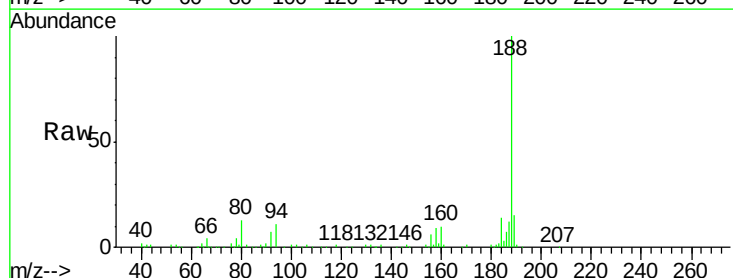
RT: 17.44 min Scan# 2485

Delta R.T. -0.03 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

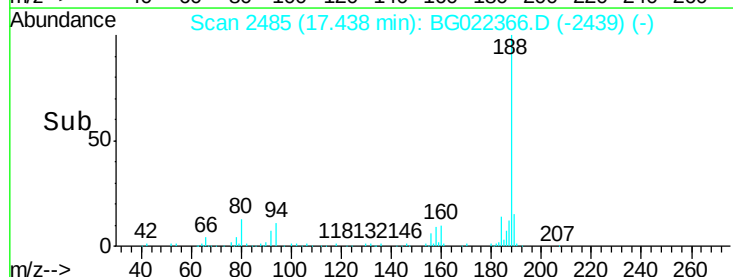
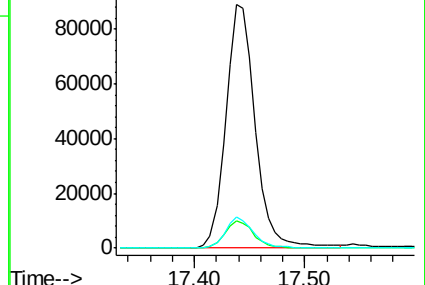
Tgt Ion:	188	Resp:	165861
Ion	Ratio	Lower	Upper
188	100		
94	11.5	7.5	11.3#
80	12.5	8.6	13.0

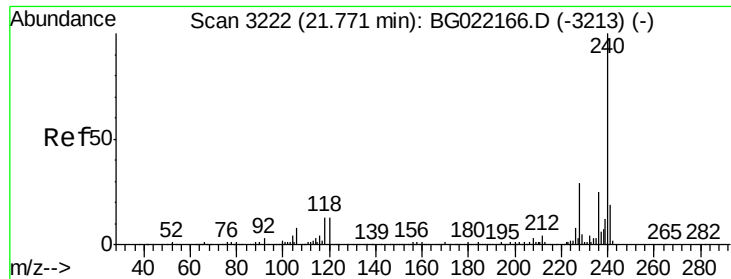


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.71 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

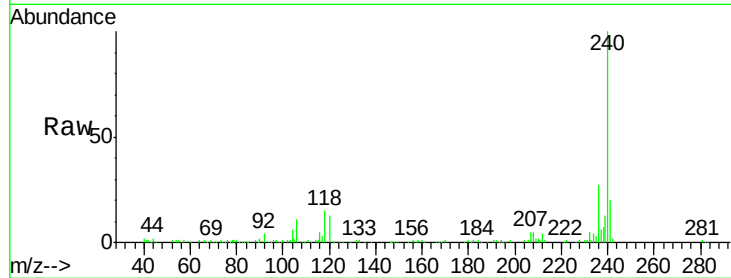
Tgt Ion:240 Resp: 144100

Ion Ratio Lower Upper

240 100

120 13.3 8.4 12.6#

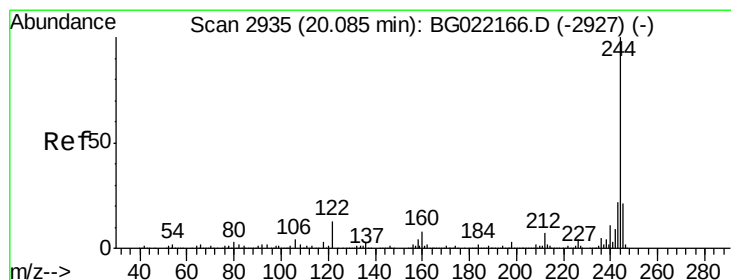
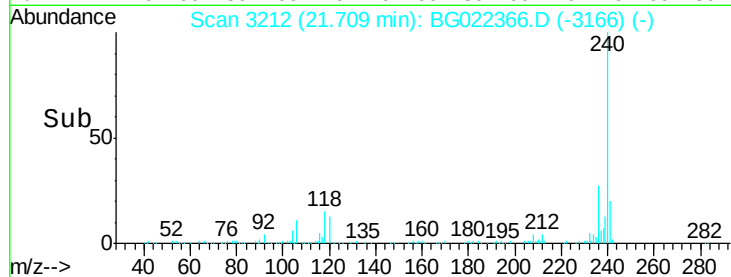
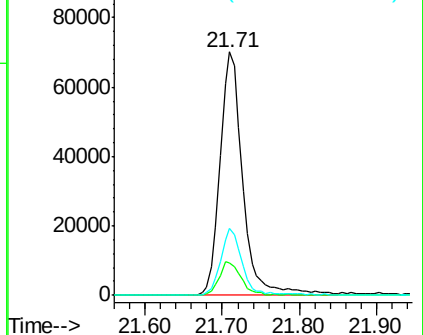
236 27.5 19.6 29.4



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: 50.12 ng

RT: 20.03 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022366.D

Acq: 16 Jun 2016 14:54

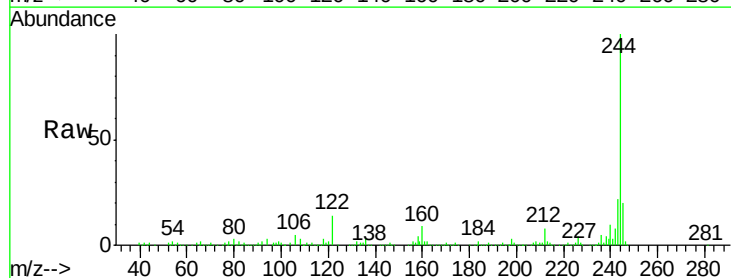
Tgt Ion:244 Resp: 304217

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

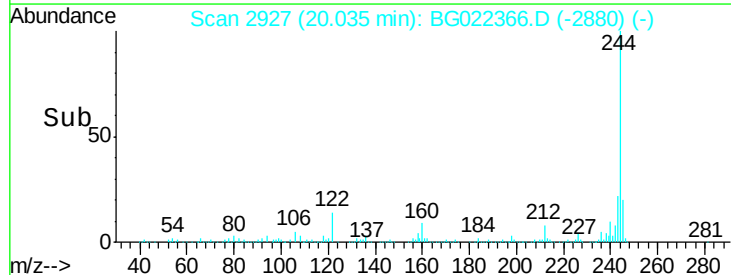
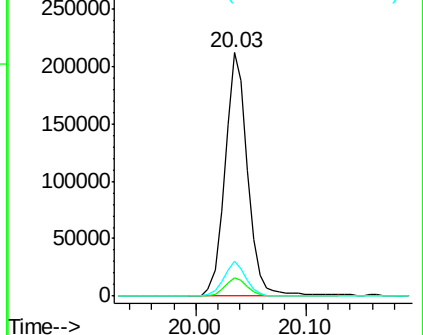
122 14.1 8.6 12.8#

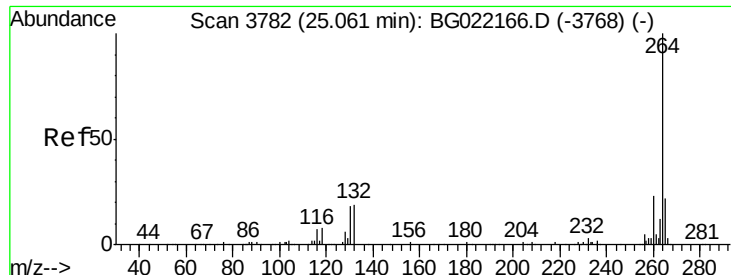


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

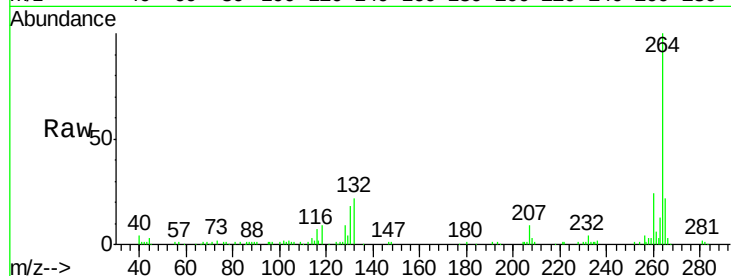




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.96 min Scan# 3766
Delta R.T. -0.05 min
Lab File: BG022366.D
Acq: 16 Jun 2016 14:54

Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

Tgt Ion: 264 Resp: 128413
Ion Ratio Lower Upper
264 100
260 24.4 20.2 30.4
265 21.8 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

