

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022352.D
 Acq On : 15 Jun 2016 3:21
 Operator : UM/SJ
 Sample : H3492-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Quant Time: Jun 15 07:01:00 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

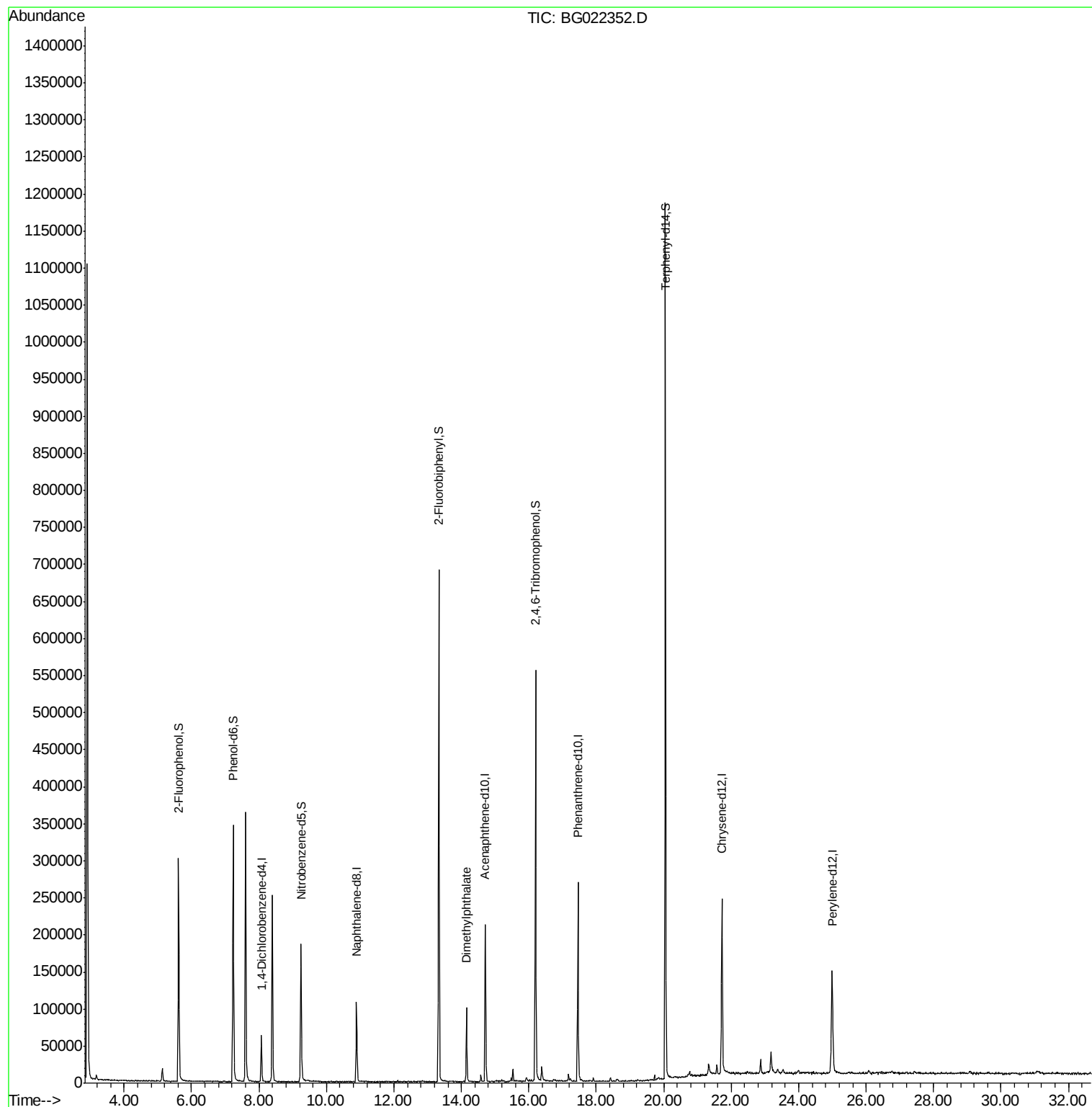
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23113	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	119057	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	84186	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	191361	20.00	ng	-0.01
75) Chrysene-d12	21.72	240	165371	20.00	ng	-0.02
86) Perylene-d12	24.99	264	155626	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	196165	164.10	ng	-0.02
7) Phenol-d6	7.23	99	301761	160.55	ng	-0.02
23) Nitrobenzene-d5	9.24	82	155858	91.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	118127	124.18	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	421198	76.25	ng	-0.01
78) Terphenyl-d14	20.05	244	588725	84.52	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.15	163	83133	11.91	ng	Qvalue 99

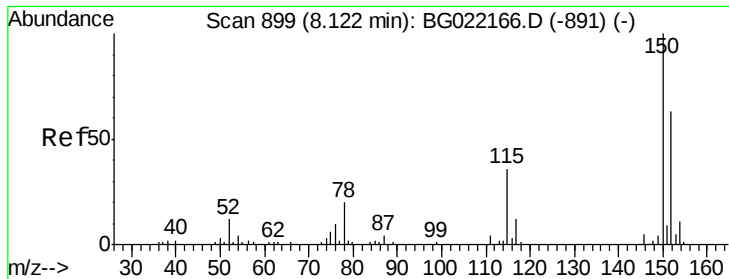
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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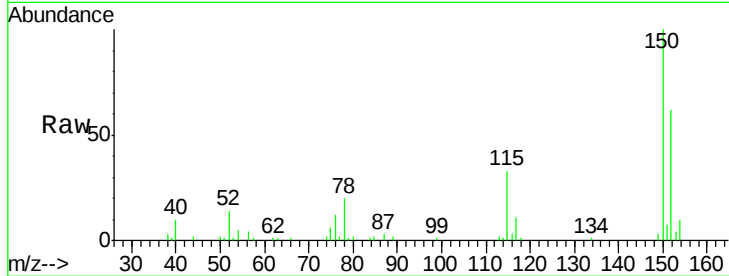


#1

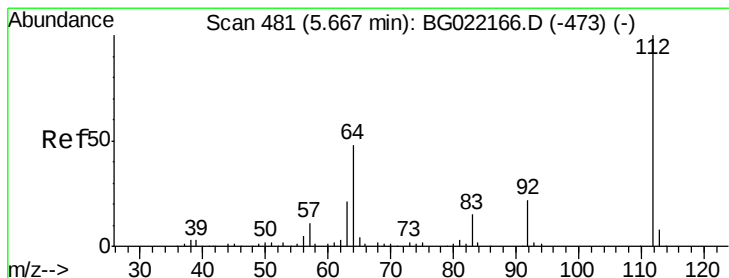
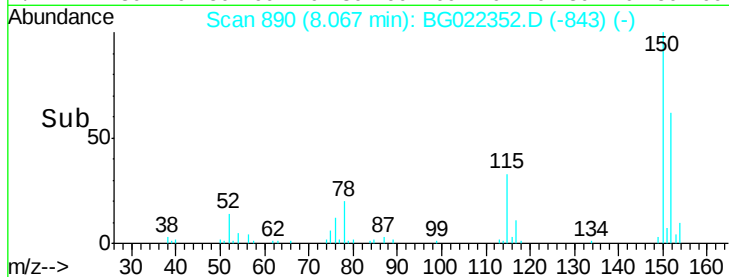
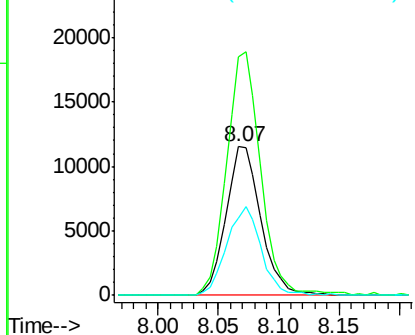
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG022352.D
Acq: 15 Jun 2016 3:21

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tot Ion:152 Resp: 23113
Ion Ratio Lower Upper
152 100
150 160.6 130.1 195.1
115 52.4 62.2 93.2#



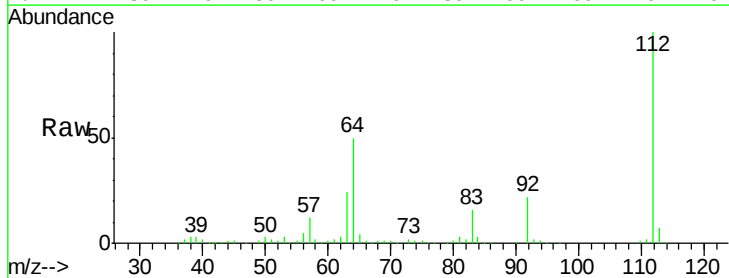
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



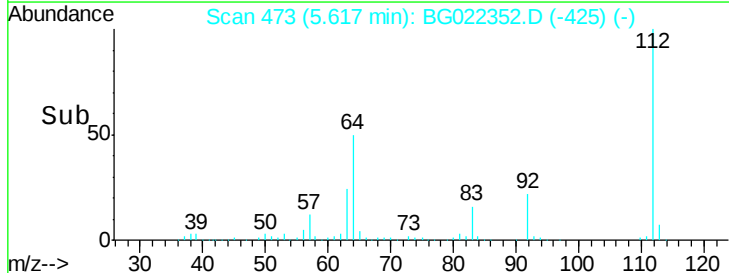
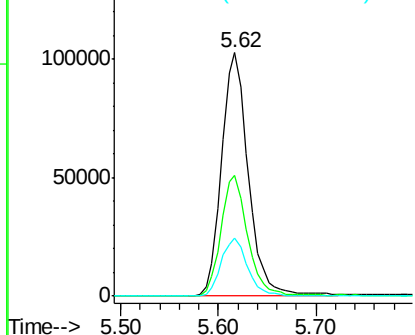
#5

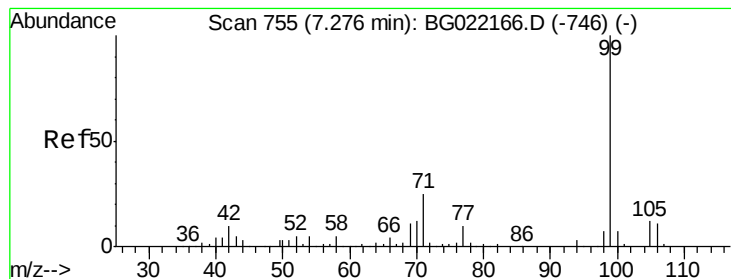
2-Fluorophenol
Concen: 164.10 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022352.D
Acq: 15 Jun 2016 3:21

Tgt Ion:112 Resp: 196165
Ion Ratio Lower Upper
112 100
64 49.5 51.1 76.7#
63 23.7 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: 160.55 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022352.D

Acq: 15 Jun 2016 3:21

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

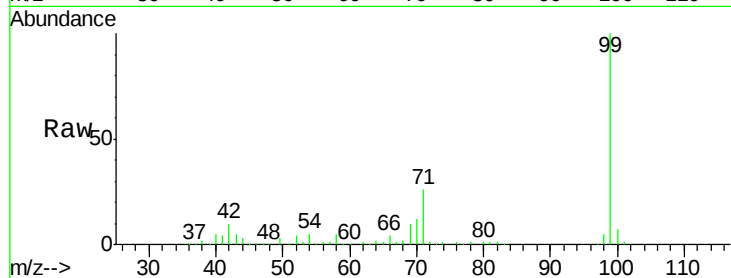
Tot Ion: 99 Resp: 301761

Ion Ratio Lower Upper

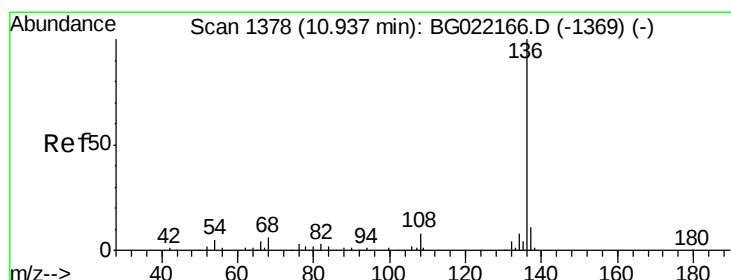
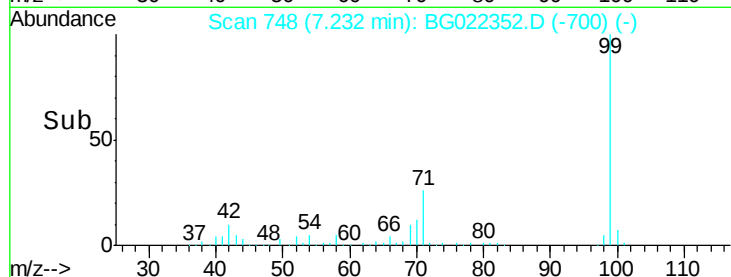
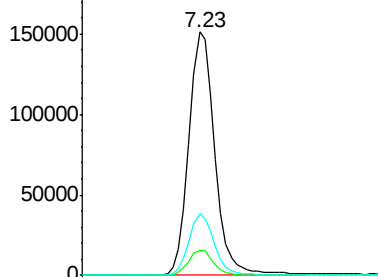
99 100

42 10.3 16.4 24.6#

71 25.6 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: BG022352.D

Acq: 15 Jun 2016 3:21

Tgt Ion: 136 Resp: 119057

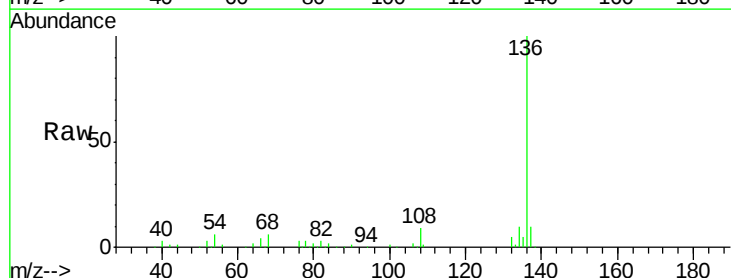
Ion Ratio Lower Upper

136 100

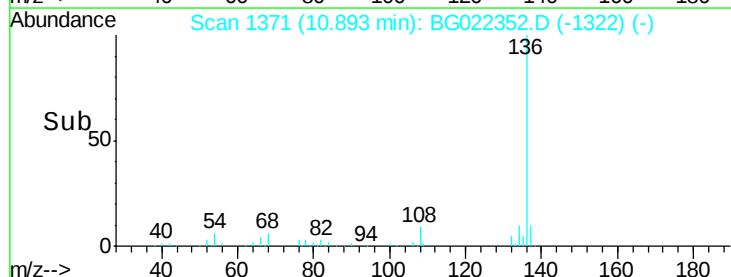
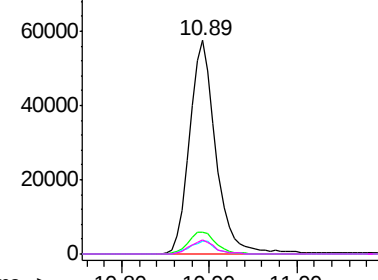
137 10.2 9.0 13.4

54 6.2 9.6 14.4#

68 6.4 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

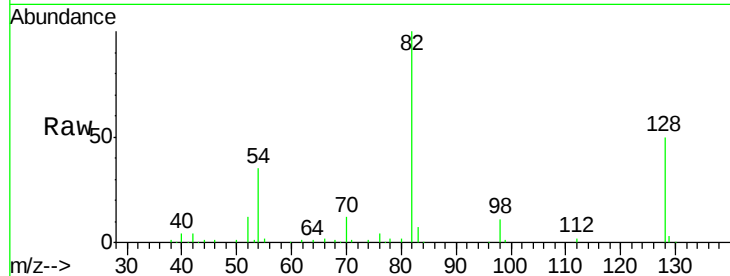




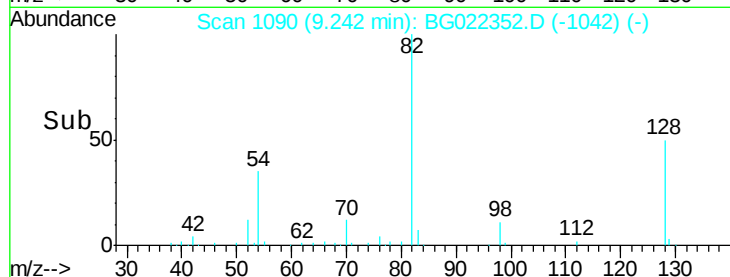
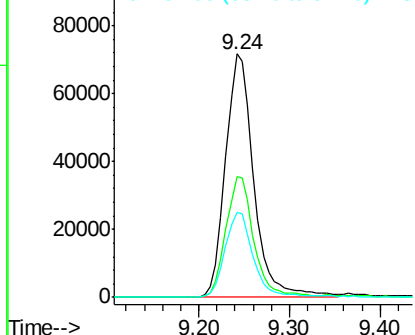
#23
 Nitrobenzene-d5
 Concen: 91.27 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BG022352.D
 Acq: 15 Jun 2016 3:21

Instrument :
 BNA_G
 ClientSampleID :
 SB-04-COMP

Tot Ion	82	Resp	155858
Ion Ratio	100	Lower	Upper
128	49.5	33.4	50.0
54	34.8	46.1	69.1#

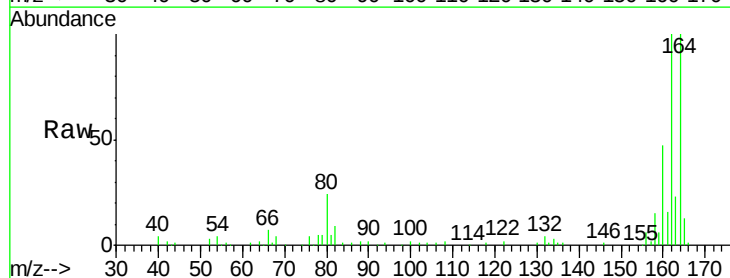


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

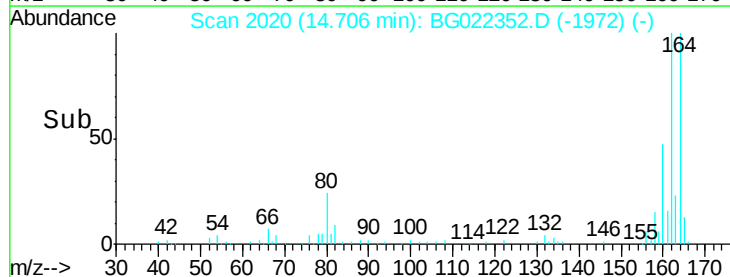
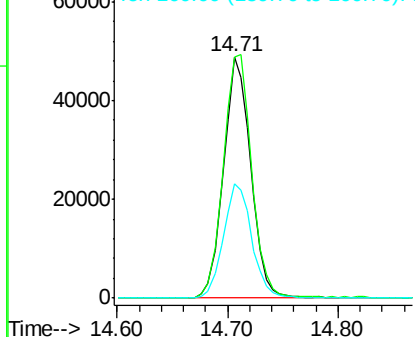


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BG022352.D
 Acq: 15 Jun 2016 3:21

Tgt Ion	164	Resp	84186
Ion Ratio	100	Lower	Upper
162	99.7	78.0	117.0
160	47.2	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

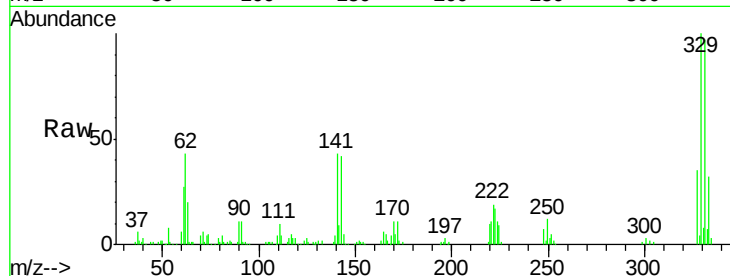




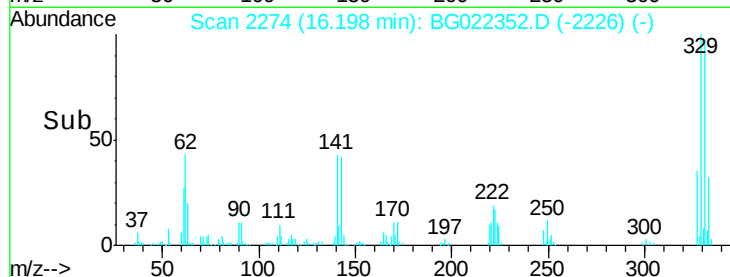
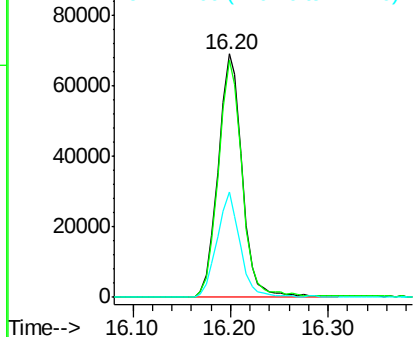
#41
 2,4,6-Tribromophenol
 Concen: 124.18 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022352.D
 Acq: 15 Jun 2016 3:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	41.5	33.8	50.8

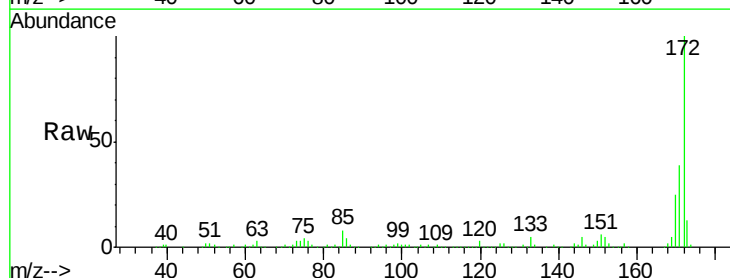


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

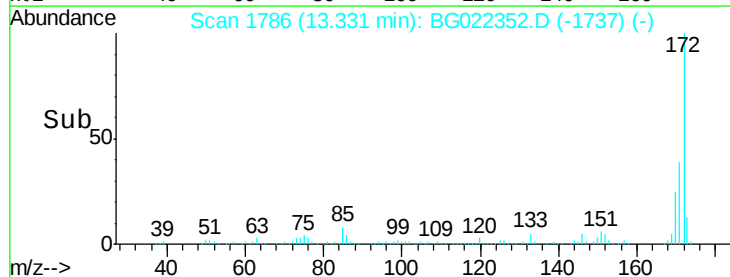
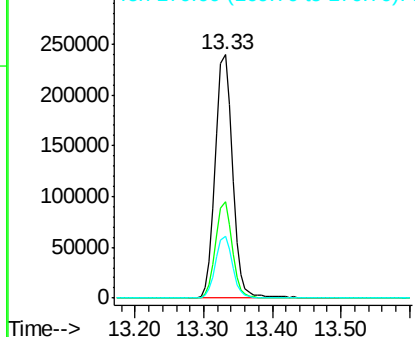


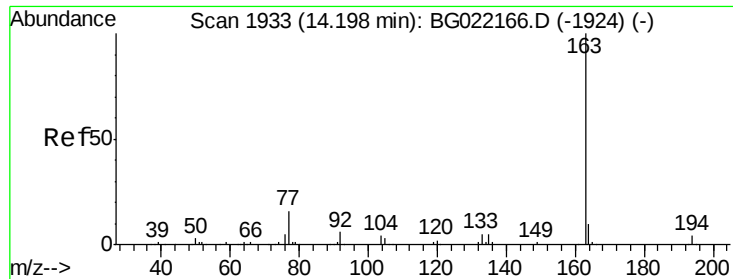
#44
 2-Fluorobiphenyl
 Concen: 76.25 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022352.D
 Acq: 15 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	25.5	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: 11.91 ng

RT: 14.15 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG022352.D

Acq: 15 Jun 2016 3:21

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

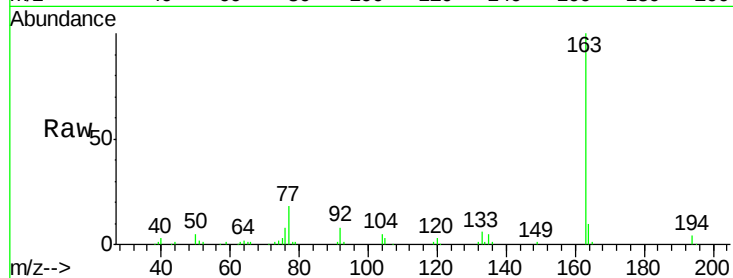
Tot Ion:163 Resp: 83133

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

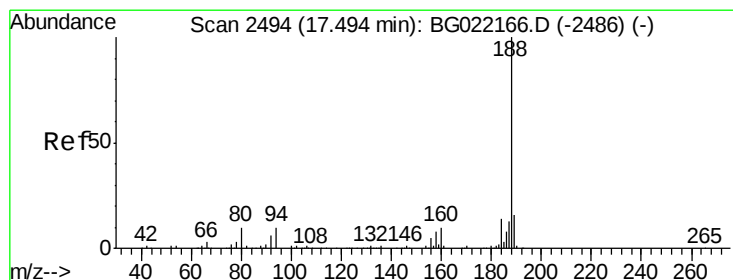
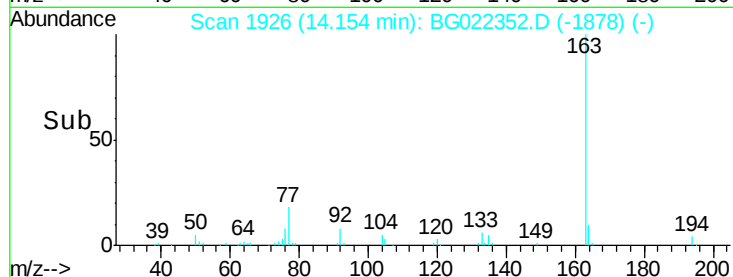
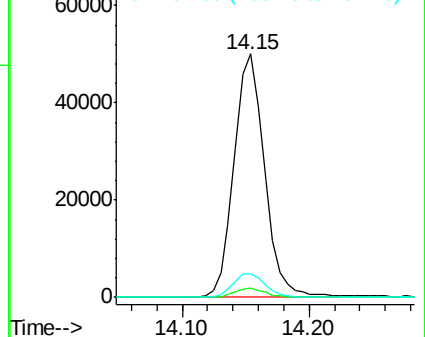
164 9.8 8.1 12.1



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: 17.46 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG022352.D

Acq: 15 Jun 2016 3:21

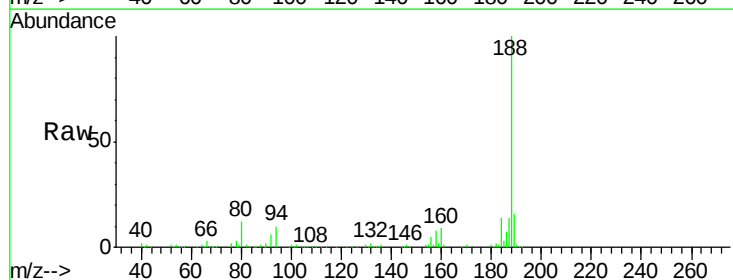
Tgt Ion:188 Resp: 191361

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

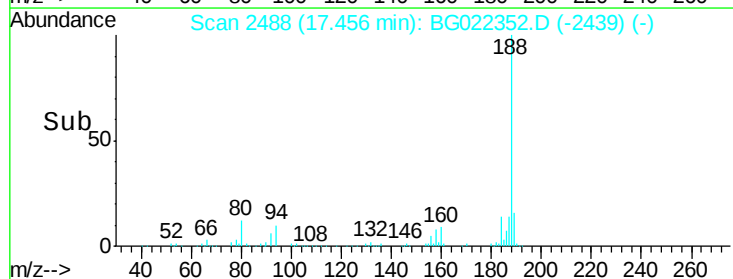
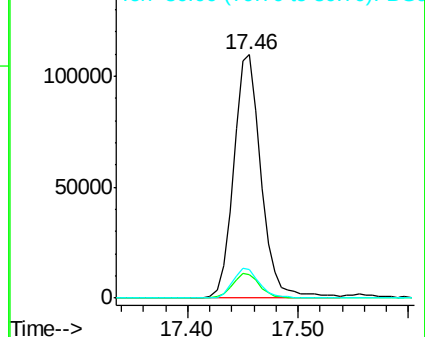
80 11.5 8.6 13.0

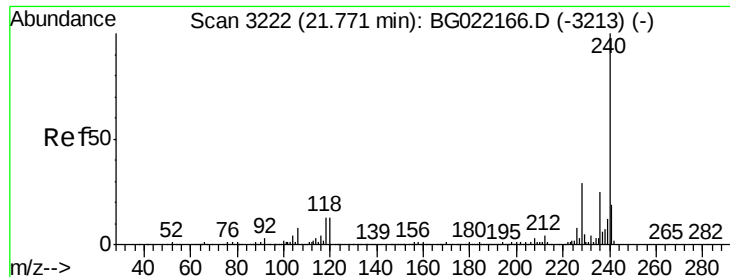


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.72 min Scan# 3214

Delta R.T. -0.02 min

Lab File: BG022352.D

Acq: 15 Jun 2016 3:21

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

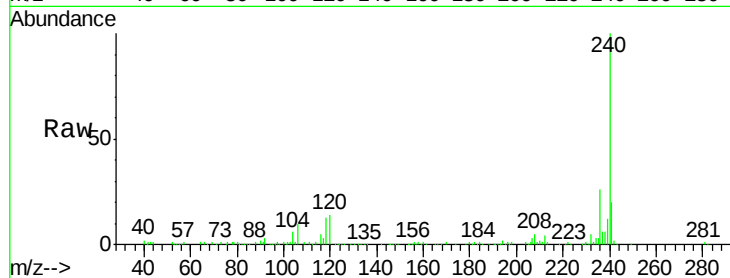
Tot Ion:240 Resp: 165371

Ion Ratio Lower Upper

240 100

120 14.3 8.4 12.6#

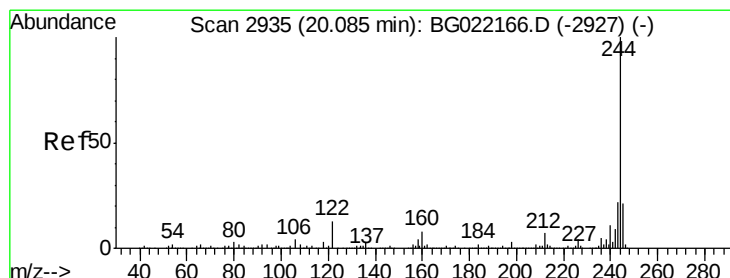
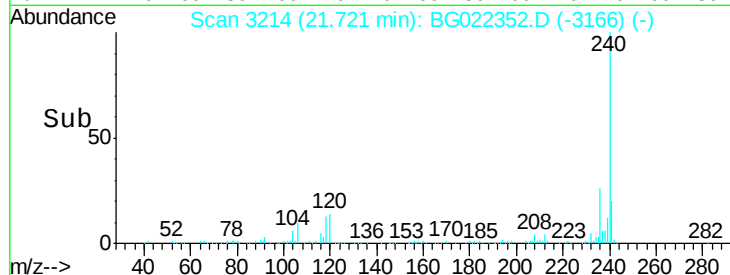
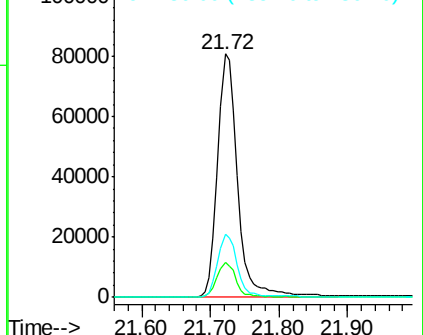
236 26.2 19.6 29.4



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: 84.52 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022352.D

Acq: 15 Jun 2016 3:21

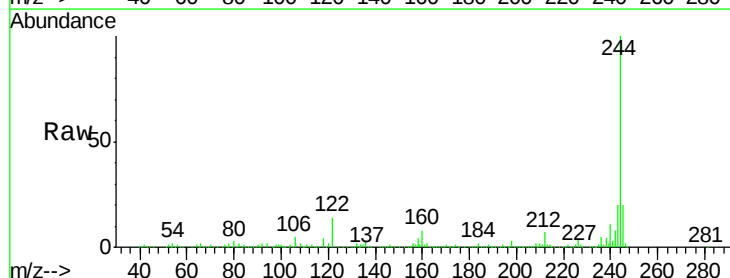
Tgt Ion:244 Resp: 588725

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

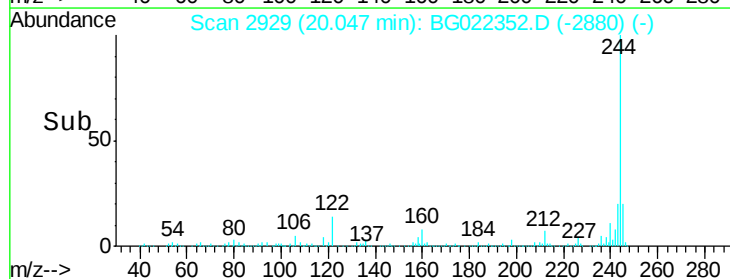
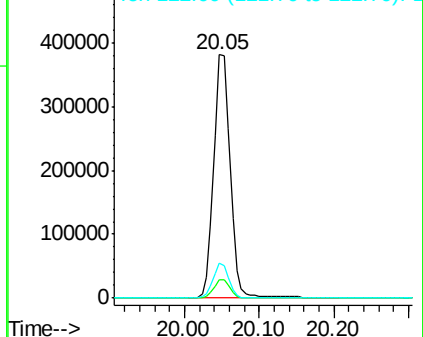
122 14.2 8.6 12.8#

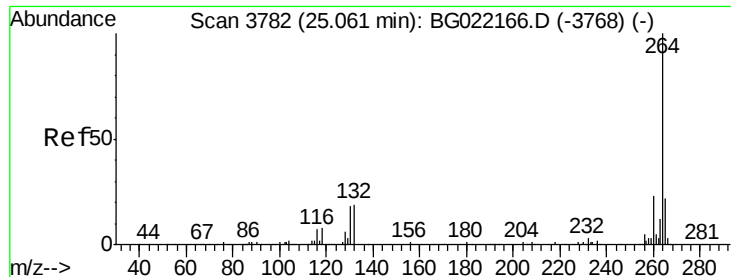


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

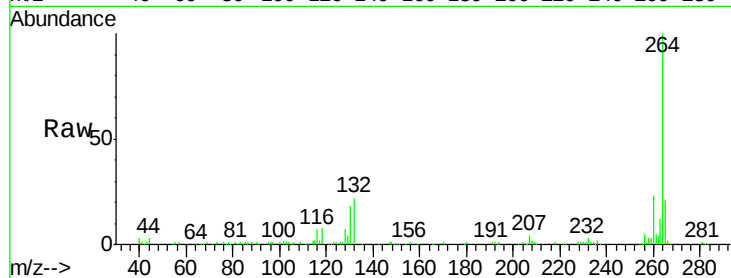




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.99 min Scan# 3770
 Delta R.T. -0.02 min
 Lab File: BG022352.D
 Acq: 15 Jun 2016 3:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.2	30.4
265	21.2	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

