

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022412.D
 Acq On : 18 Jun 2016 7:15
 Operator : UM/SJ
 Sample : H3501-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB5-2-4

Quant Time: Jun 20 01:17:49 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

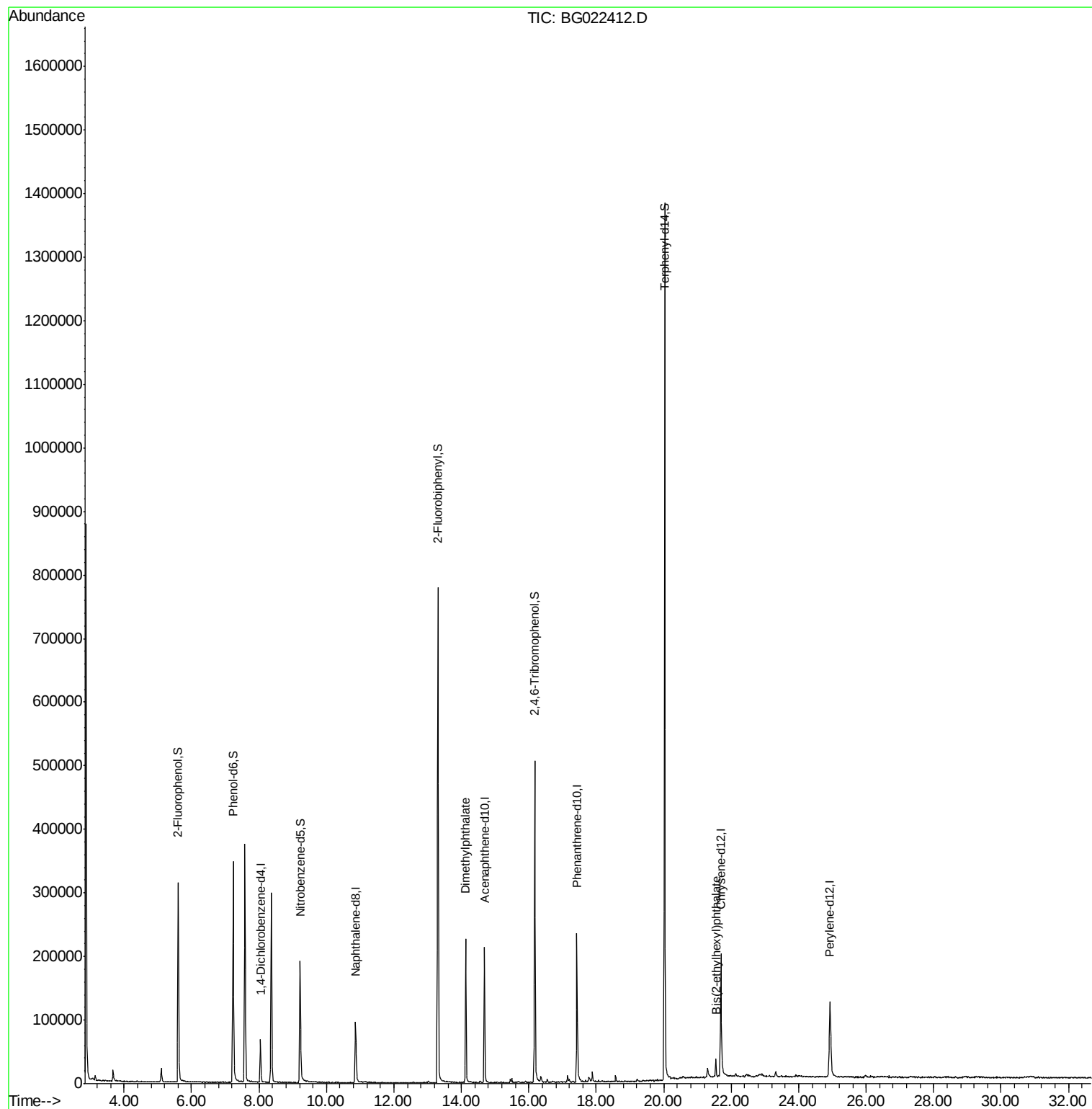
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24163	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	116652	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	79274	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	173235	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	150999	20.00	ng	-0.05
86) Perylene-d12	24.93	264	139013	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	211509	169.24	ng	-0.04
7) Phenol-d6	7.23	99	310458	158.00	ng	-0.02
23) Nitrobenzene-d5	9.22	82	168996	101.00	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	109494	122.24	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	475754	91.46	ng	-0.04
78) Terphenyl-d14	20.02	244	647943	101.87	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	197149	29.99	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	14290	2.23	ng	97

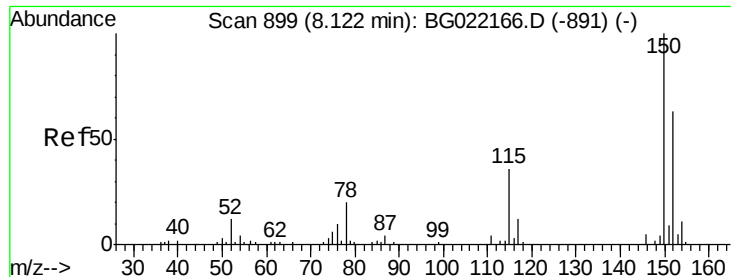
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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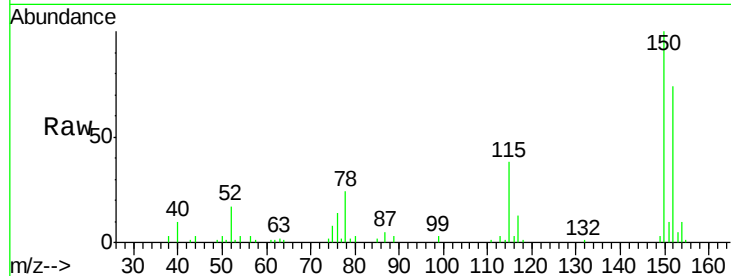


#1

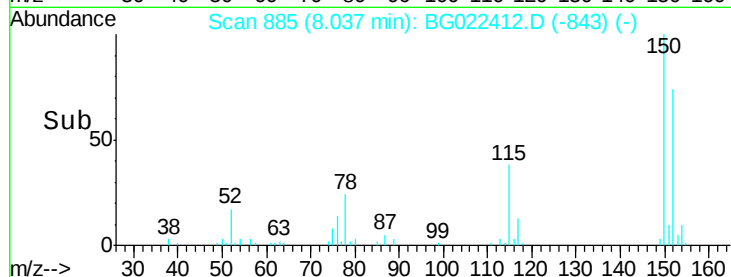
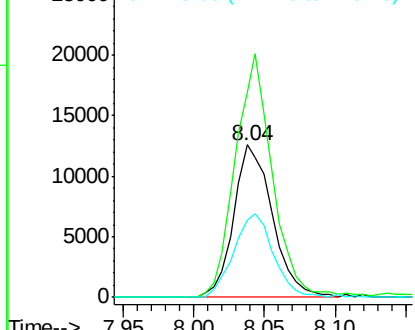
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.05 min
Lab File: BG022412.D
Acq: 18 Jun 2016 7:15

Instrument :
BNA_G
ClientSampleId :
SB5-2-4

Tot Ion:152 Resp: 24163
Ion Ratio Lower Upper
152 100
150 134.7 130.1 195.1
115 51.1 62.2 93.2#



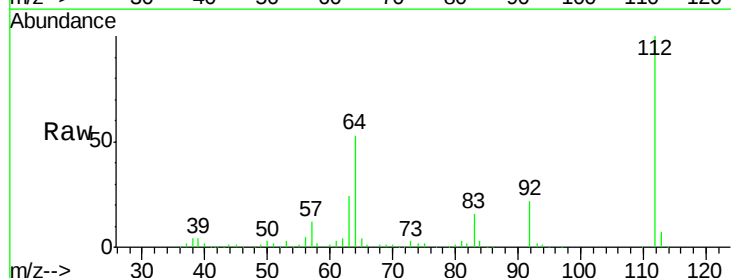
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



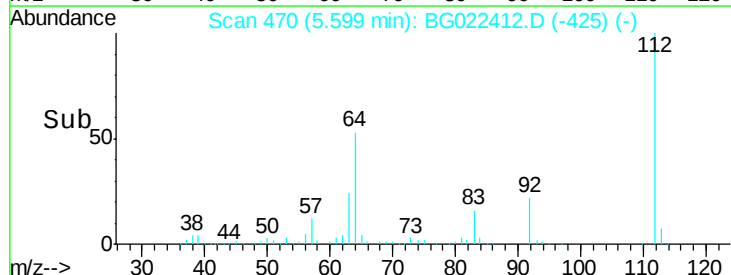
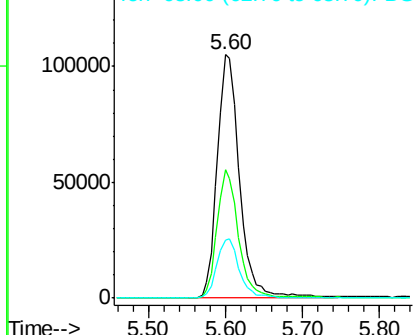
#5

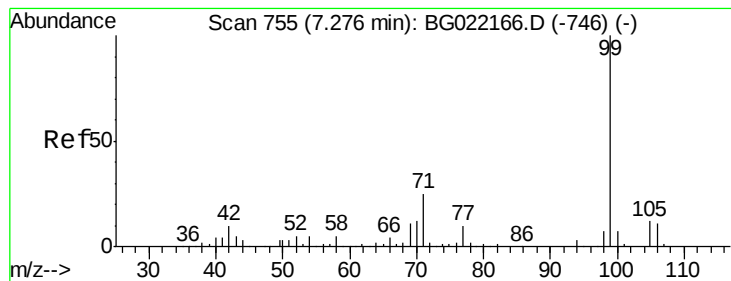
2-Fluorophenol
Concen: 169.24 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.04 min
Lab File: BG022412.D
Acq: 18 Jun 2016 7:15

Tgt Ion:112 Resp: 211509
Ion Ratio Lower Upper
112 100
64 52.7 51.1 76.7
63 24.0 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: 158.00 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022412.D

Acq: 18 Jun 2016 7:15

Instrument :

BNA_G

ClientSampleId :

SB5-2-4

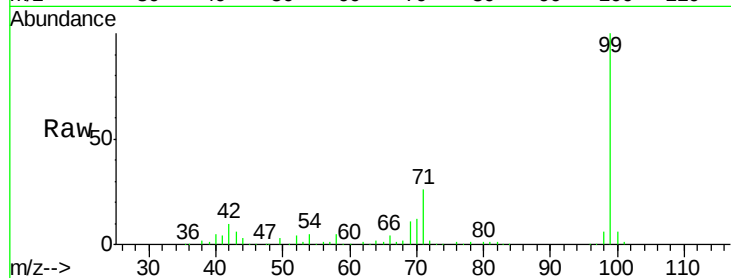
Tot Ion: 99 Resp: 310458

Ion Ratio Lower Upper

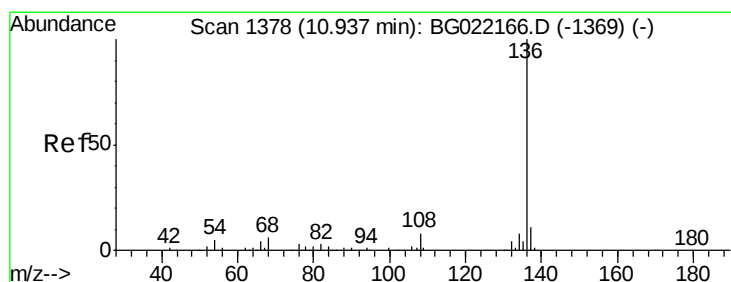
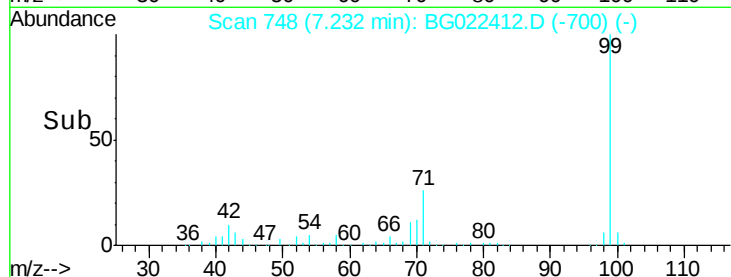
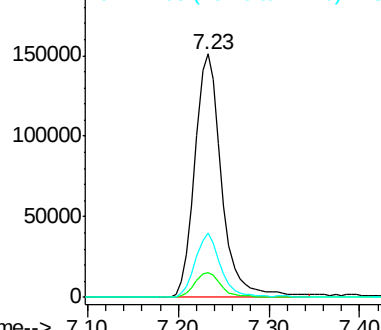
99 100

42 10.2 16.4 24.6#

71 26.2 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: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022412.D

Acq: 18 Jun 2016 7:15

Tgt Ion: 136 Resp: 116652

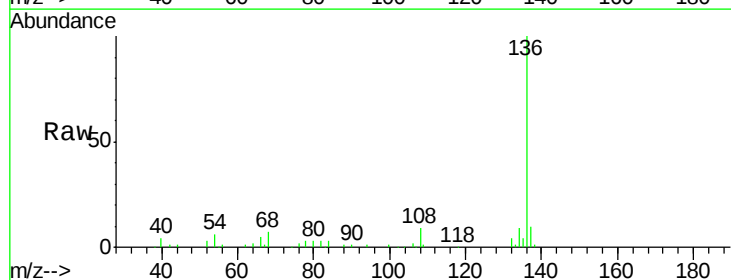
Ion Ratio Lower Upper

136 100

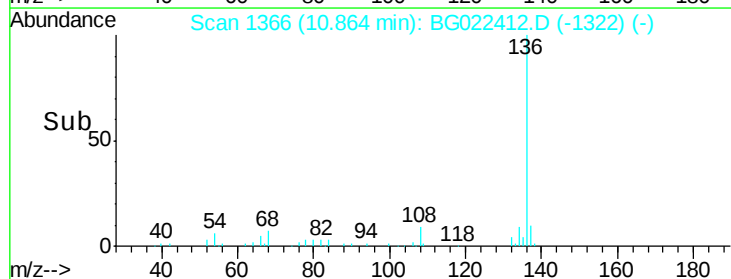
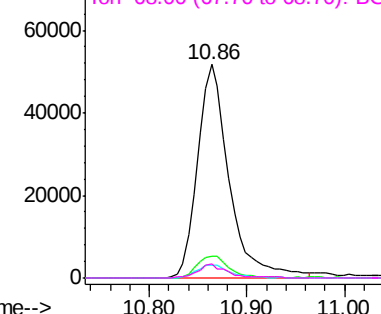
137 10.3 9.0 13.4

54 5.9 9.6 14.4#

68 6.8 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

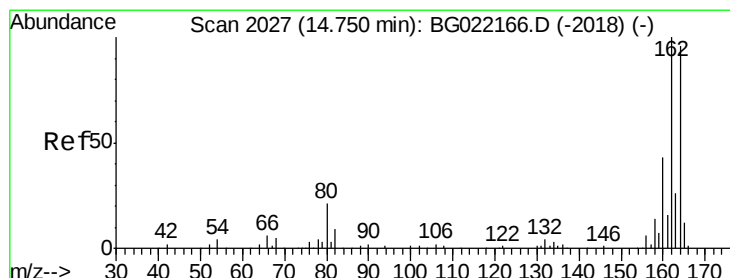
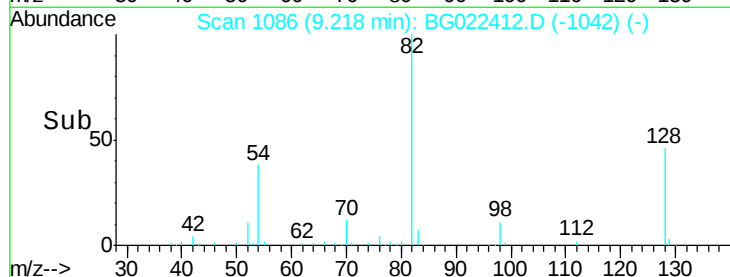
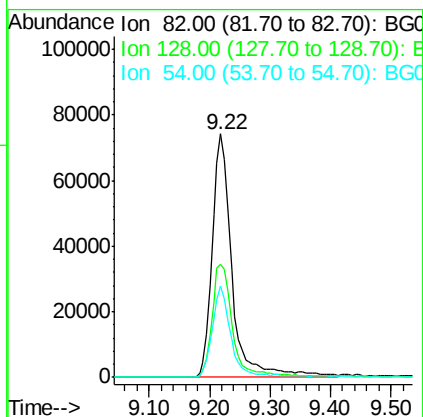
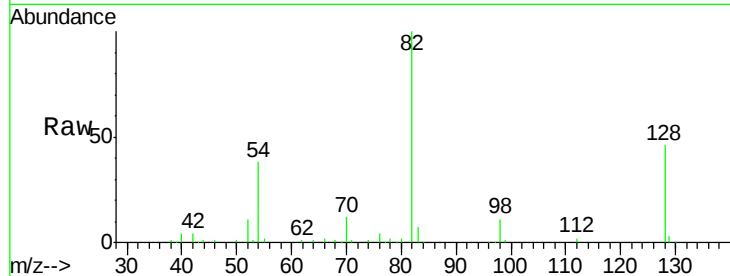




#23
Nitrobenzene-d5
Concen: 101.00 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022412.D
Acq: 18 Jun 2016 7:15

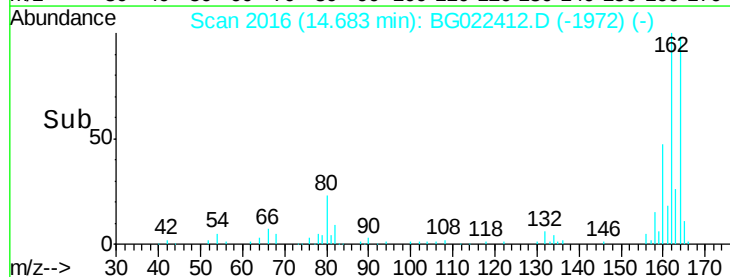
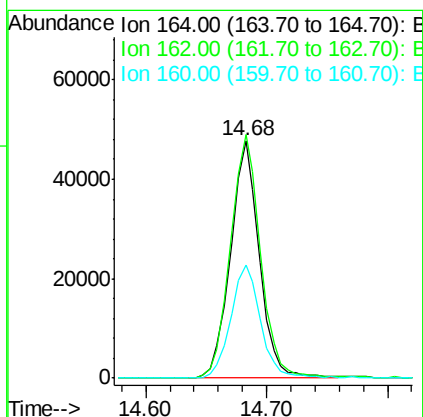
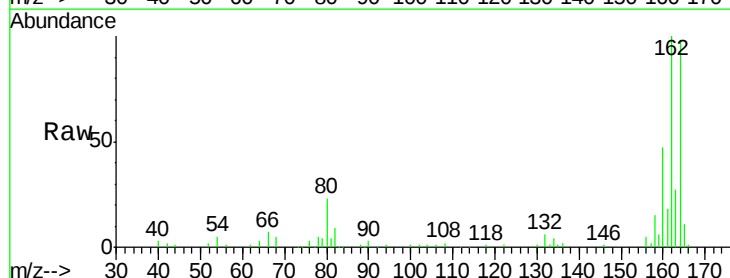
Instrument :
BNA_G
ClientSampled :
SB5-2-4

Tot Ion: 82 Resp: 168996
Ion Ratio Lower Upper
82 100
128 46.5 33.4 50.0
54 37.5 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022412.D
Acq: 18 Jun 2016 7:15

Tgt Ion:164 Resp: 79274
Ion Ratio Lower Upper
164 100
162 102.4 78.0 117.0
160 47.7 32.9 49.3

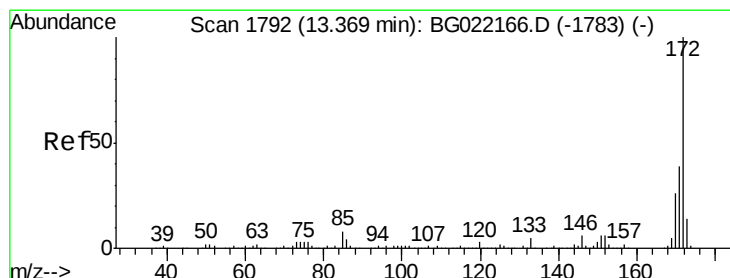
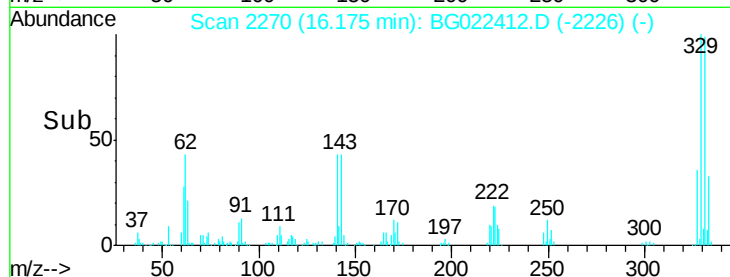
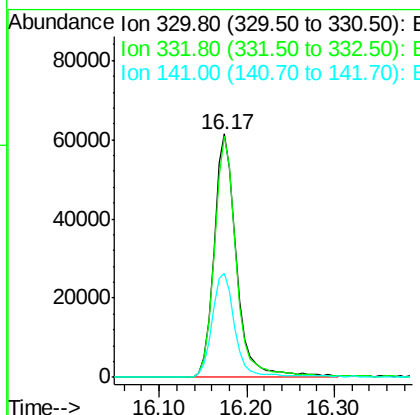
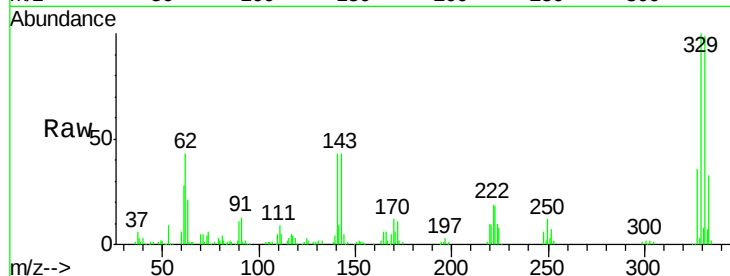




#41
 2,4,6-Tribromophenol
 Concen: 122.24 ng
 RT: 16.17 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022412.D
 Acq: 18 Jun 2016 7:15

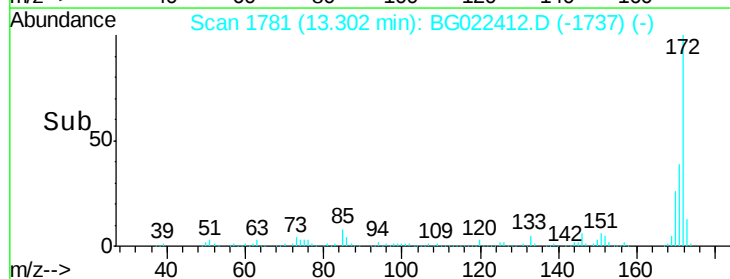
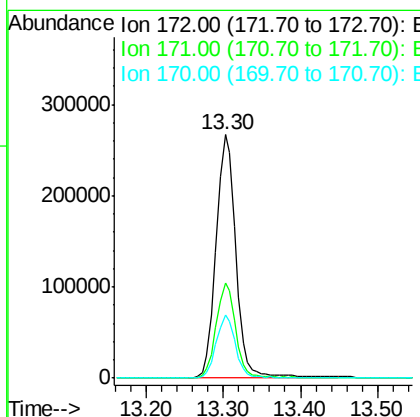
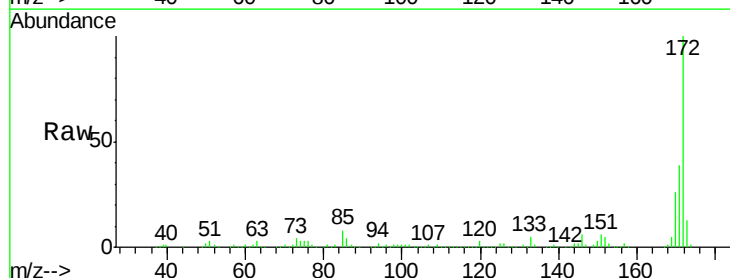
Instrument :
 BNA_G
 ClientSampleId :
 SB5-2-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	44.5	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 91.46 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022412.D
 Acq: 18 Jun 2016 7:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	25.7	19.6	29.4





#49

Dimethylphthalate

Concen: 29.99 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022412.D

Acq: 18 Jun 2016 7:15

Instrument :

BNA_G

ClientSampleId :

SB5-2-4

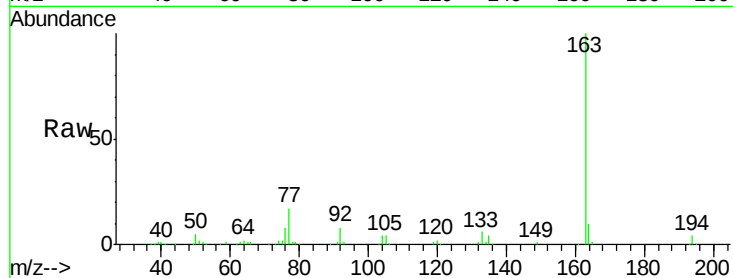
Tot Ion:163 Resp: 197149

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

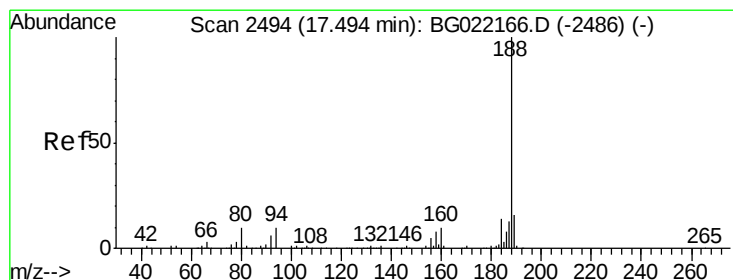
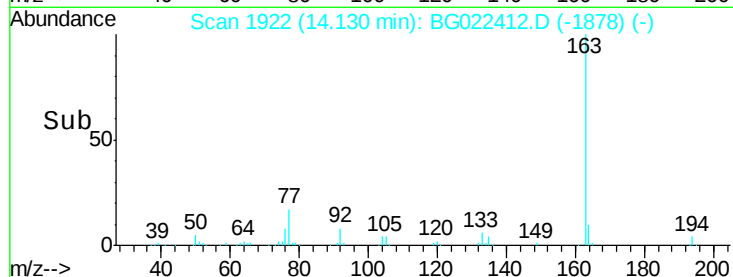
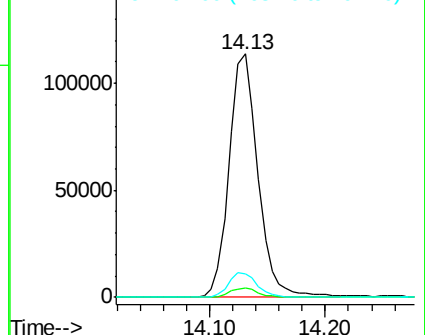
164 9.7 8.1 12.1



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: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022412.D

Acq: 18 Jun 2016 7:15

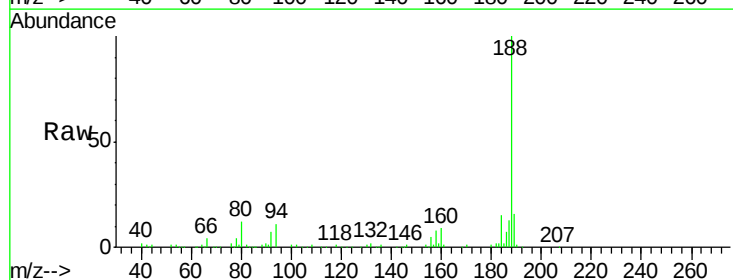
Tgt Ion:188 Resp: 173235

Ion Ratio Lower Upper

188 100

94 10.9 7.5 11.3

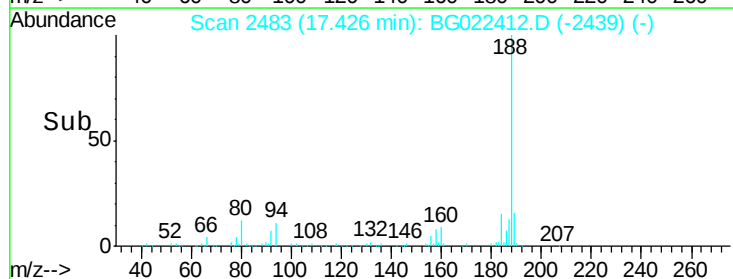
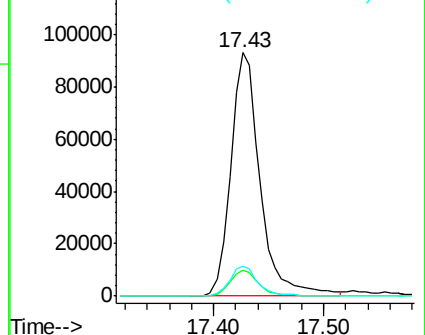
80 12.4 8.6 13.0



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

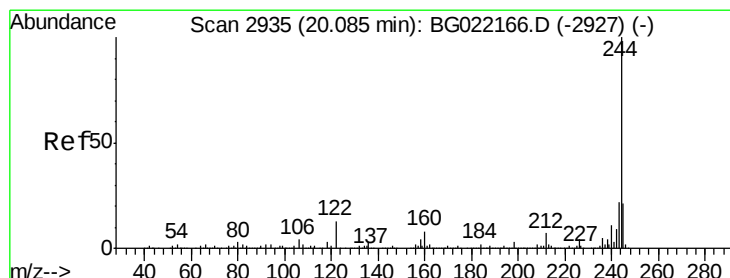
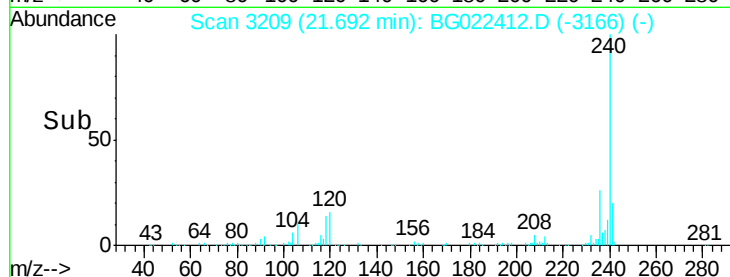
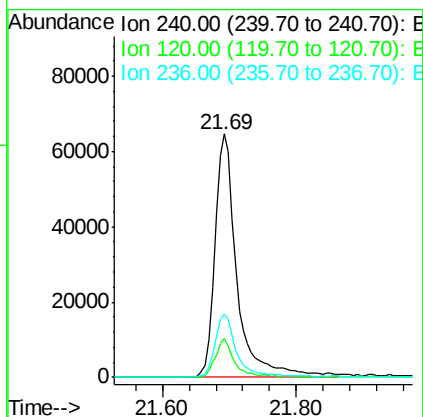
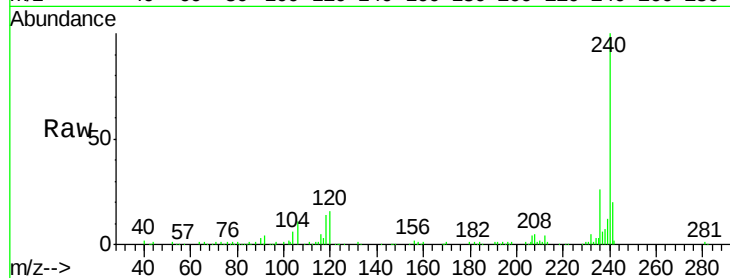




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3209
Delta R.T. -0.05 min
Lab File: BG022412.D
Acq: 18 Jun 2016 7:15

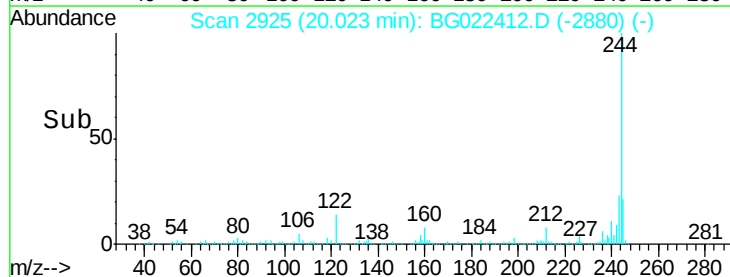
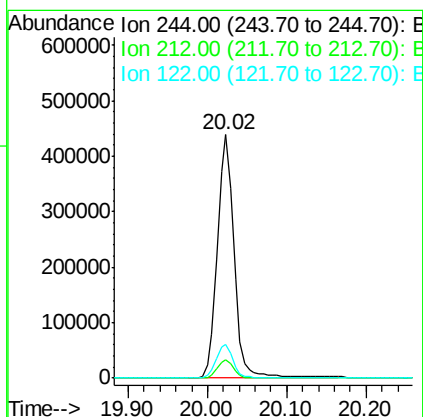
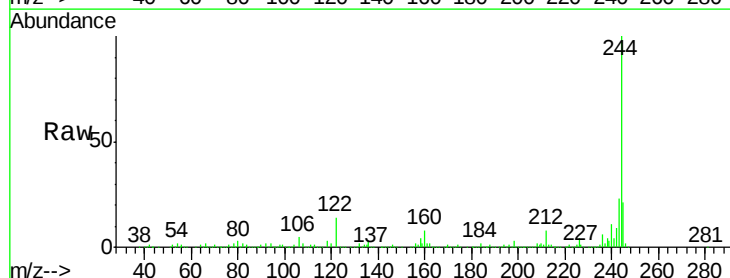
Instrument :
BNA_G
ClientSampleId :
SB5-2-4

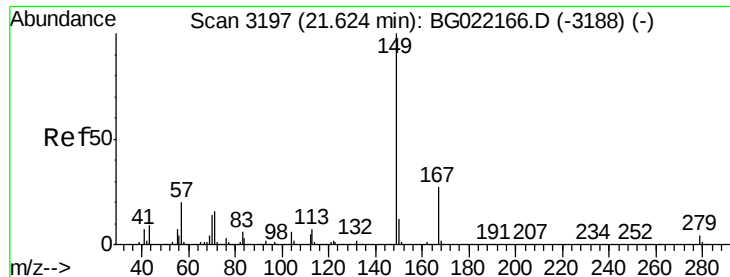
Tot Ion:240 Resp: 150999
Ion Ratio Lower Upper
240 100
120 15.8 8.4 12.6#
236 26.1 19.6 29.4



#78
Terphenyl-d14
Concen: 101.87 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.04 min
Lab File: BG022412.D
Acq: 18 Jun 2016 7:15

Tgt Ion:244 Resp: 647943
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 13.9 8.6 12.8#

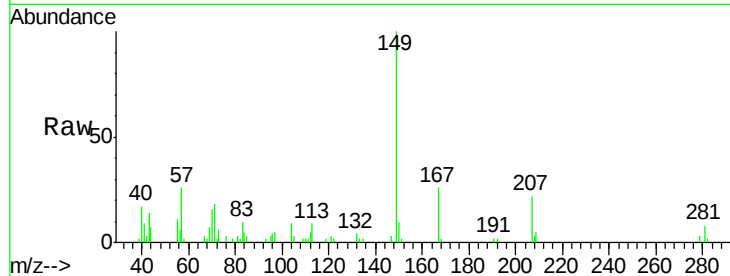




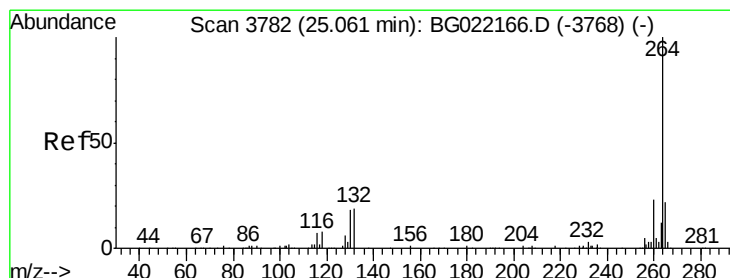
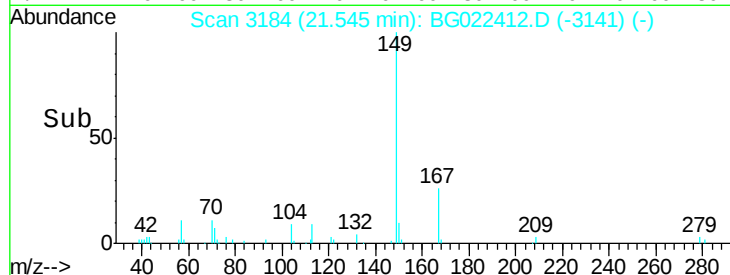
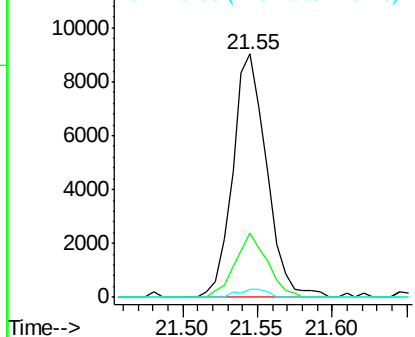
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.23 ng
 RT: 21.55 min Scan# 3184
 Delta R.T. -0.05 min
 Lab File: BG022412.D
 Acq: 18 Jun 2016 7:15

Instrument :
 BNA_G
 ClientSampleId :
 SB5-2-4

Tot Ion:149 Resp: 14290
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.4 33.6
 279 3.4 3.2 4.8

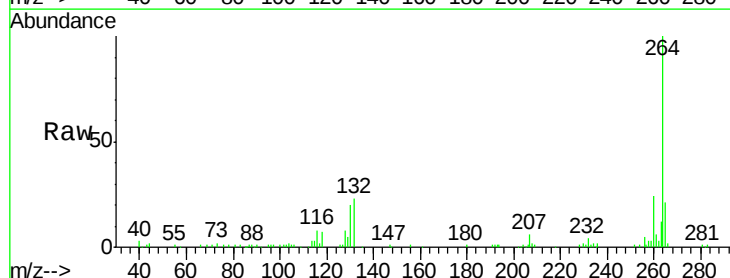


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.93 min Scan# 3760
 Delta R.T. -0.08 min
 Lab File: BG022412.D
 Acq: 18 Jun 2016 7:15

Tgt Ion:264 Resp: 139013
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.2 30.4
 265 20.7 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

