

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
 Data File : BG022212.D
 Acq On : 7 Jun 2016 20:07
 Operator : UM/SJ
 Sample : H3387-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2RES

Quant Time: Jun 08 03:12:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23644	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	107808	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	77161	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	190139	20.00	ng	0.00
75) Chrysene-d12	21.77	240	185278	20.00	ng	0.00
86) Perylene-d12	25.06	264	179536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	89171	72.92	ng	0.00
7) Phenol-d6	7.28	99	75705	39.37	ng	0.00
23) Nitrobenzene-d5	9.29	82	166332	107.56	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	143919	165.07	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	505693	99.88	ng	0.00
78) Terphenyl-d14	20.09	244	849891	108.90	ng	0.00

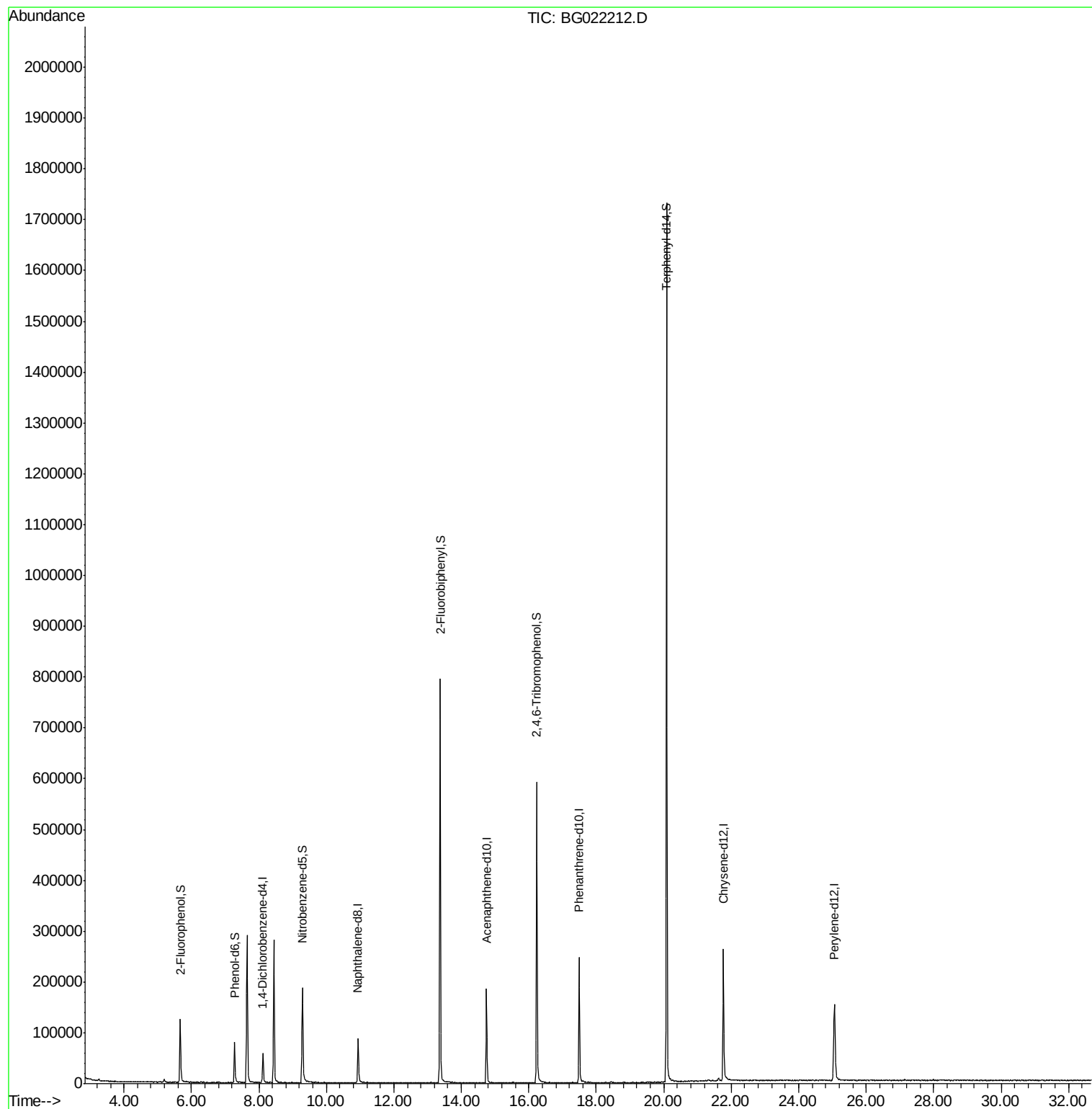
Target Compounds Qvalue

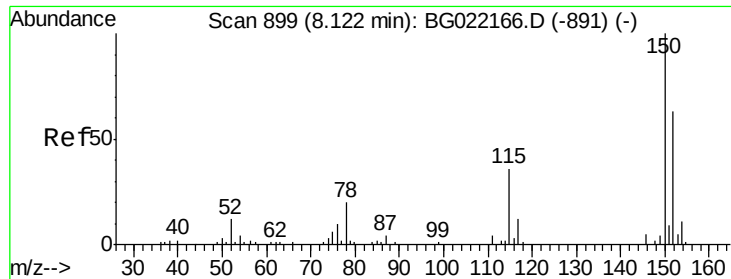
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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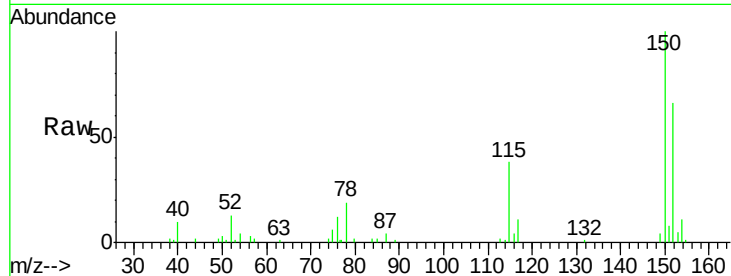


#1

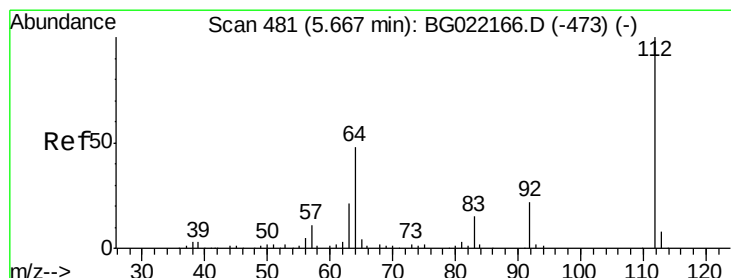
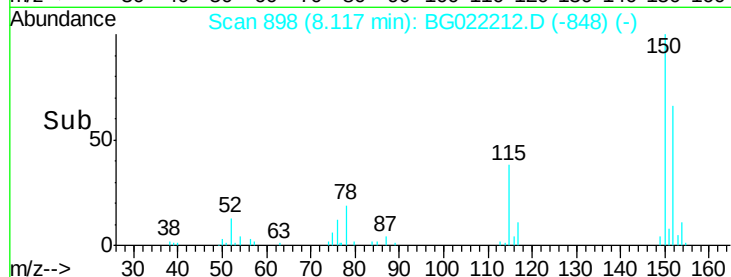
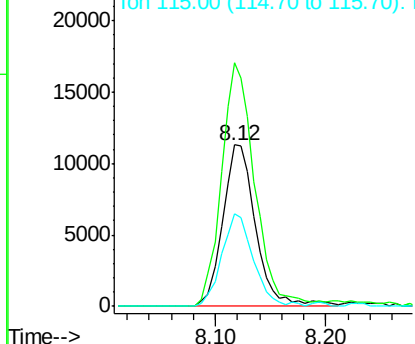
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022212.D
Acq: 7 Jun 2016 20:07

Instrument :
BNA_G
ClientSampleId :
SP16-LF2RES0

Tot Ion:152 Resp: 23644
Ion Ratio Lower Upper
152 100
150 150.7 130.1 195.1
115 57.3 62.2 93.2#



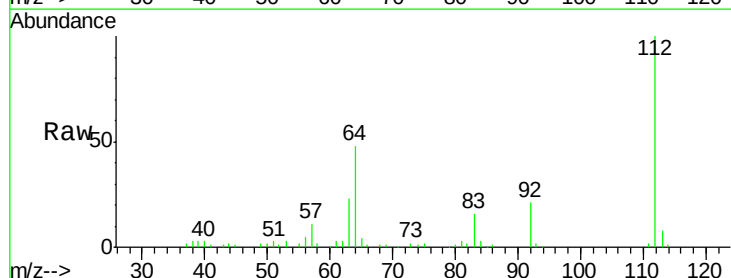
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



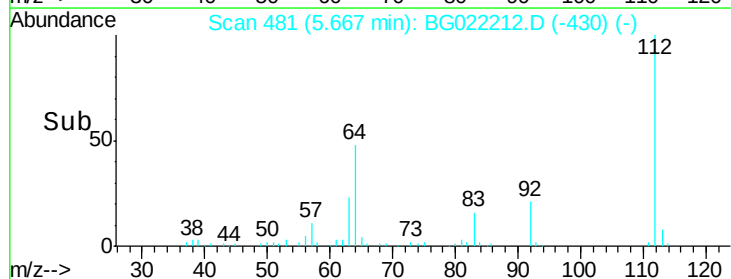
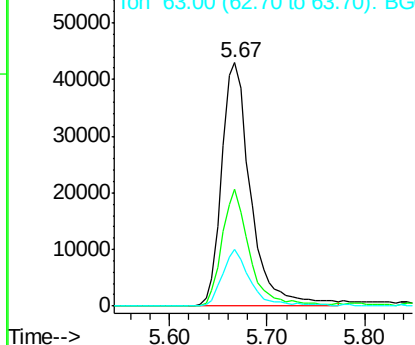
#5

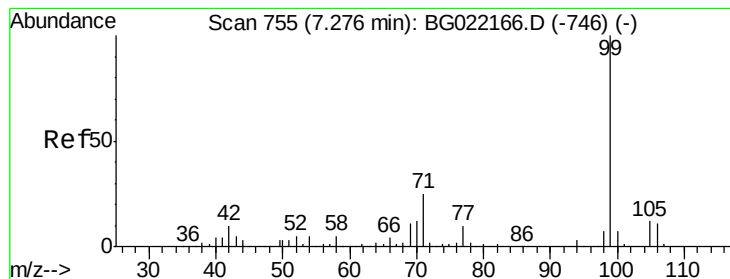
2-Fluorophenol
Concen: 72.92 ng
RT: 5.67 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG022212.D
Acq: 7 Jun 2016 20:07

Tgt Ion:112 Resp: 89171
Ion Ratio Lower Upper
112 100
64 48.0 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: 39.37 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022212.D

Acq: 7 Jun 2016 20:07

Instrument :

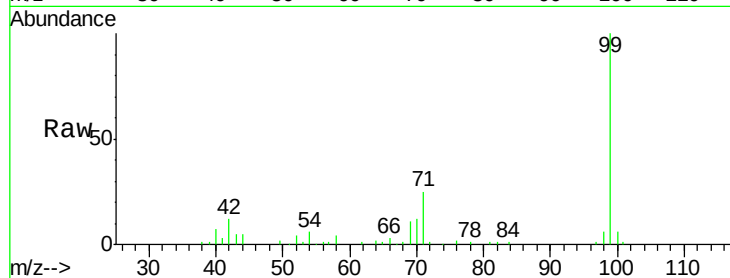
BNA_G

ClientSampleId :

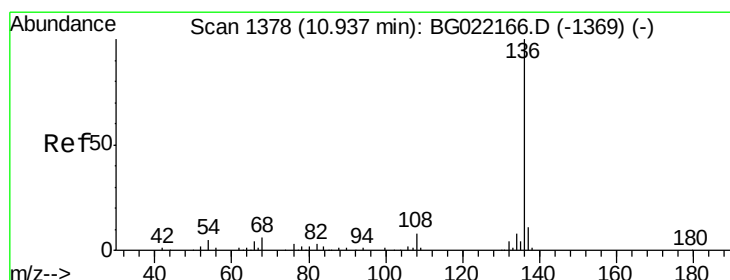
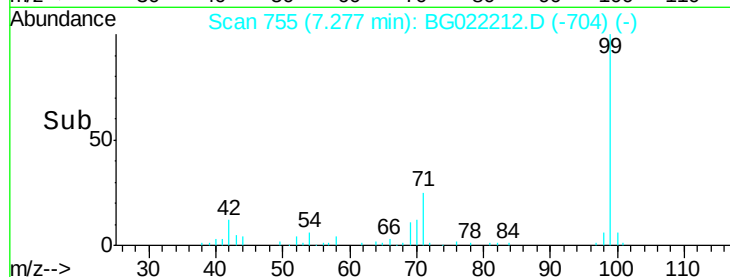
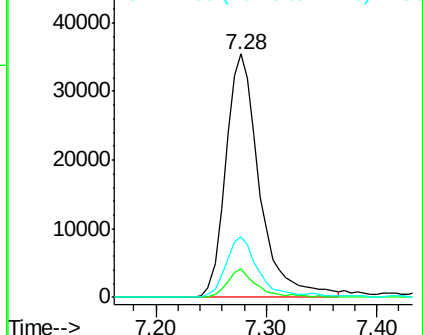
SP16-LF2RES

Tot Ion: 99 Resp: 75705

Ion	Ratio	Lower	Upper
99	100		
42	11.8	16.4	24.6#
71	25.1	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: 10.94 min Scan# 1378

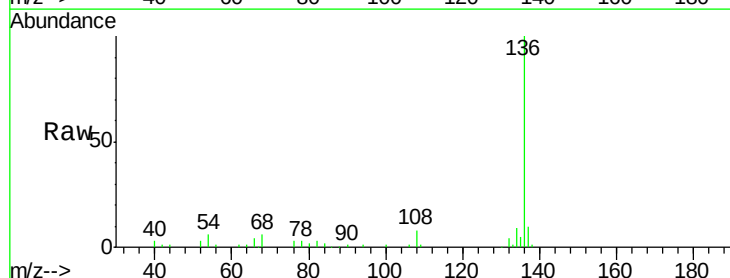
Delta R.T. 0.00 min

Lab File: BG022212.D

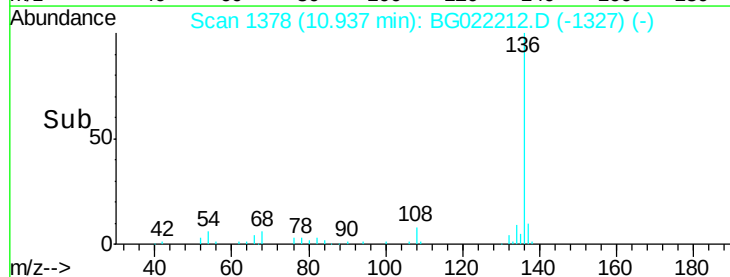
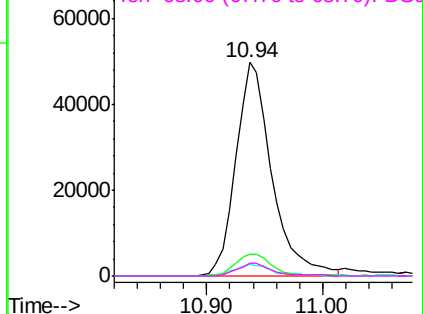
Acq: 7 Jun 2016 20:07

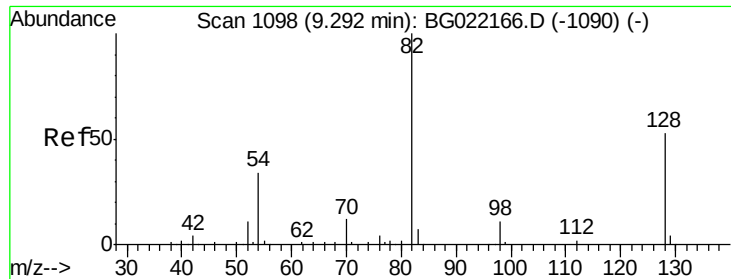
Tgt Ion: 136 Resp: 107808

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	5.6	9.6	14.4#
68	6.1	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

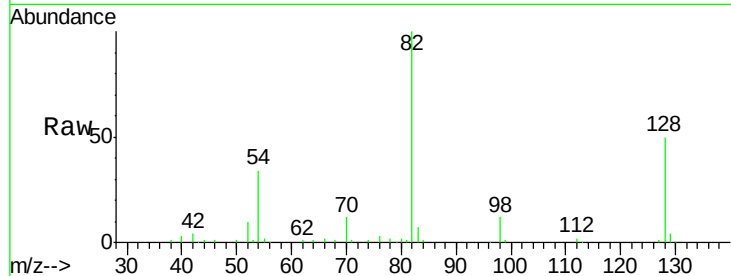




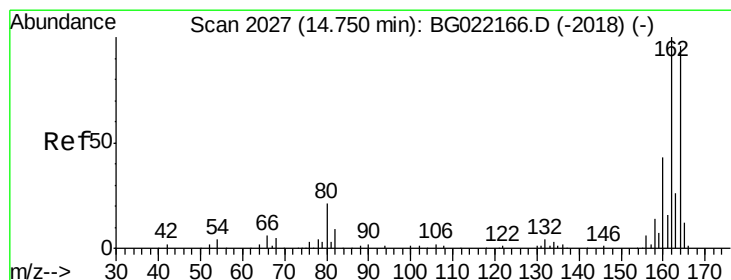
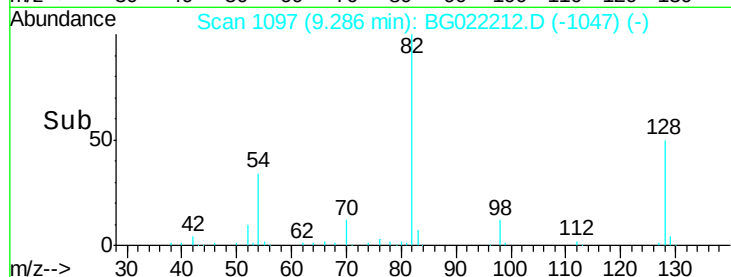
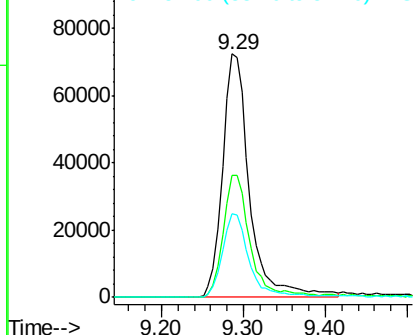
#23
 Nitrobenzene-d5
 Concen: 107.56 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2RES

Tot Ion: 82 Resp: 166332
 Ion Ratio Lower Upper
 82 100
 128 50.2 33.4 50.0#
 54 34.2 46.1 69.1#

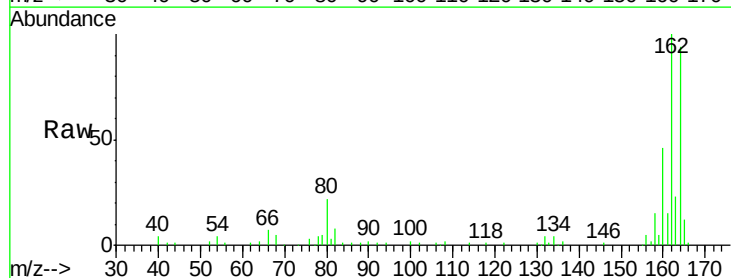


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

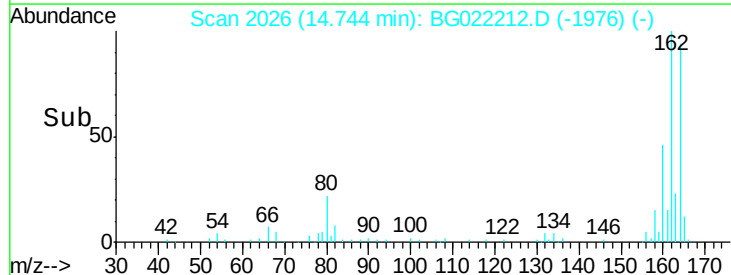
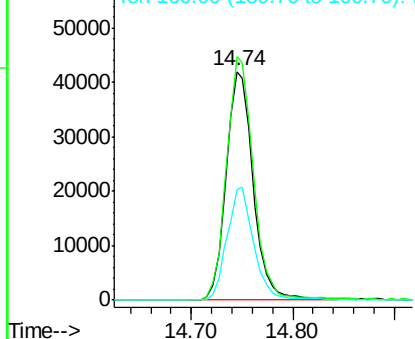


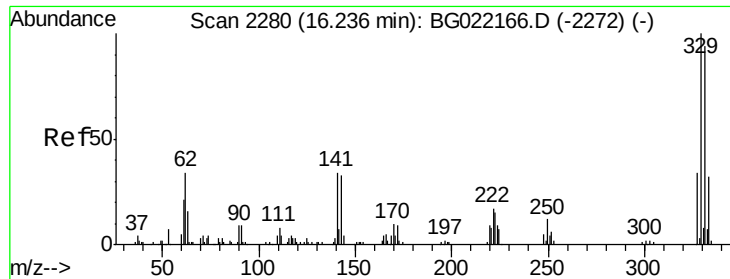
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Tgt Ion:164 Resp: 77161
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.0 117.0
 160 48.5 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

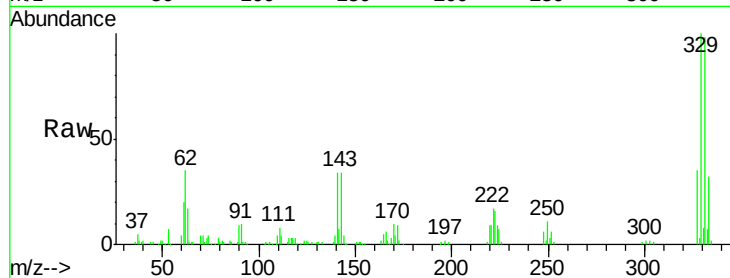




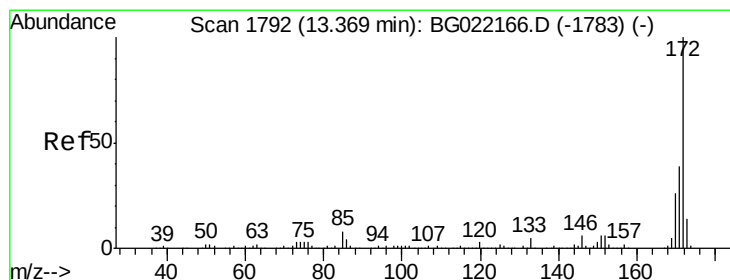
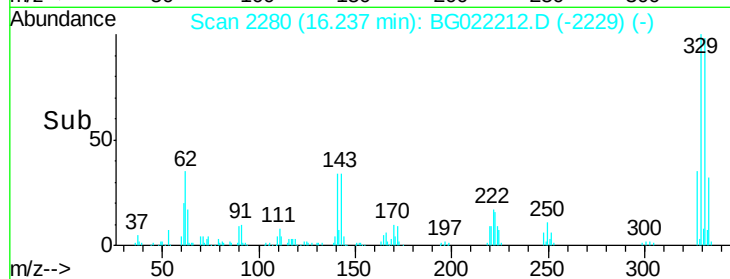
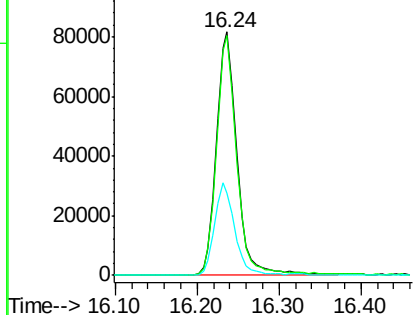
#41
 2,4,6-Tribromophenol
 Concen: 165.07 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2RESD

Tot Ion:330 Resp: 143919
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.0 117.0
 141 37.0 33.8 50.8

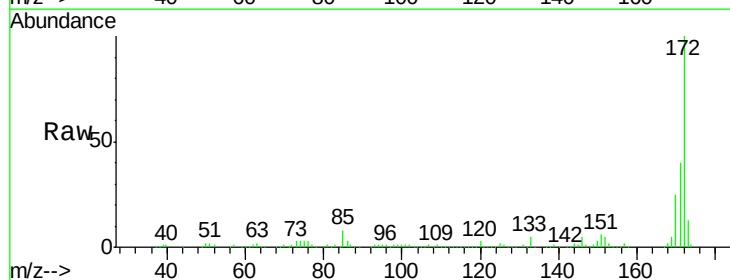


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

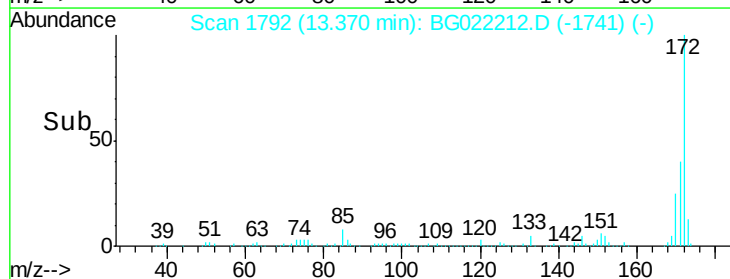
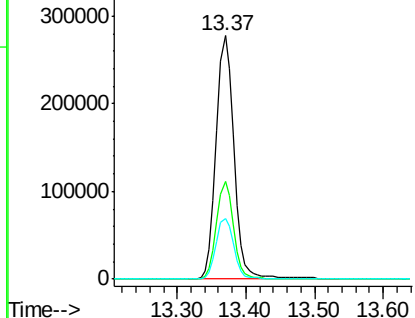


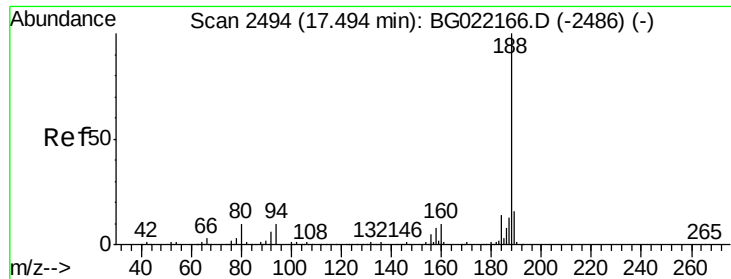
#44
 2-Fluorobiphenyl
 Concen: 99.88 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Tgt Ion:172 Resp: 505693
 Ion Ratio Lower Upper
 172 100
 171 39.9 27.8 41.6
 170 25.1 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

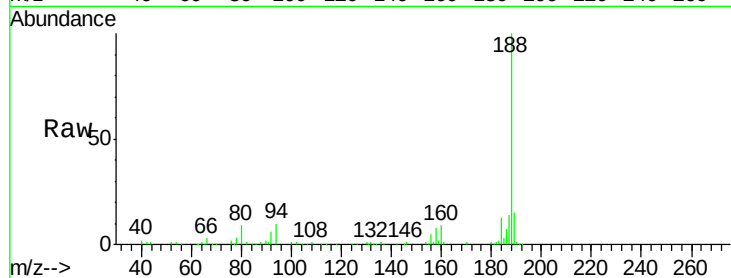




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG022212.D
Acq: 7 Jun 2016 20:07

Instrument :
BNA_G
ClientSampleId :
SP16-LF2RES

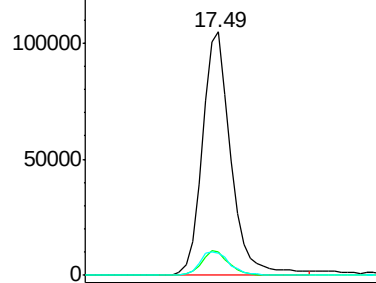
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	9.3	8.6	13.0



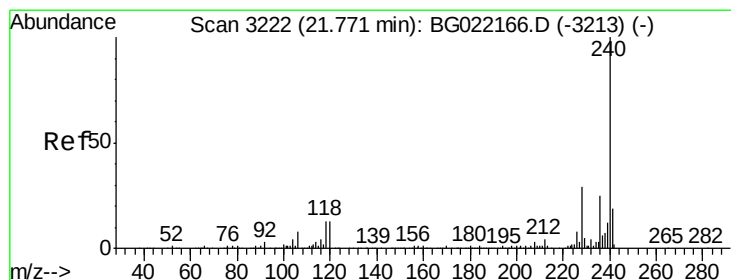
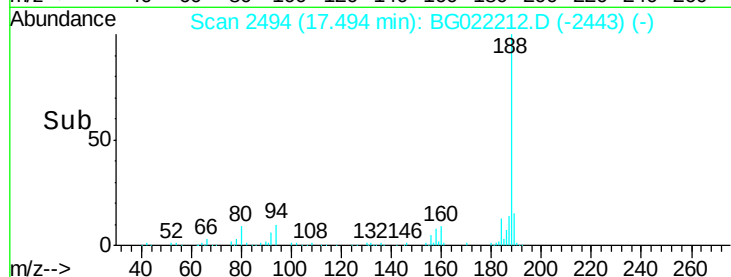
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

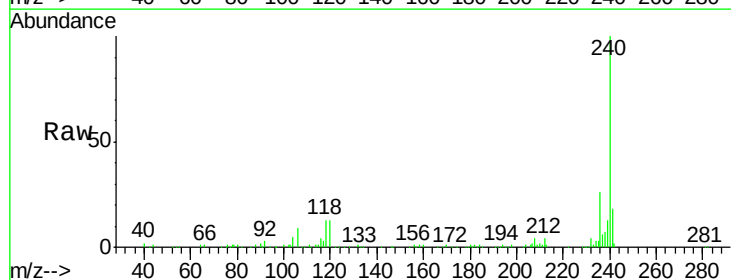


Time-->



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022212.D
Acq: 7 Jun 2016 20:07

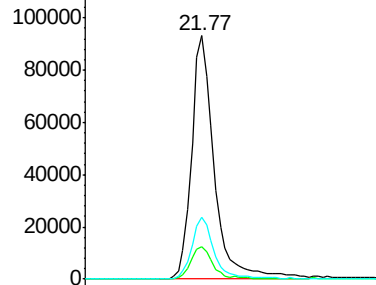
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.4	12.6#
236	25.6	19.6	29.4



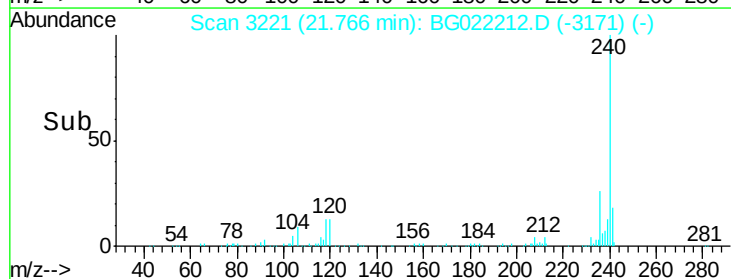
Abundance Ion 240.00 (239.70 to 240.70): E

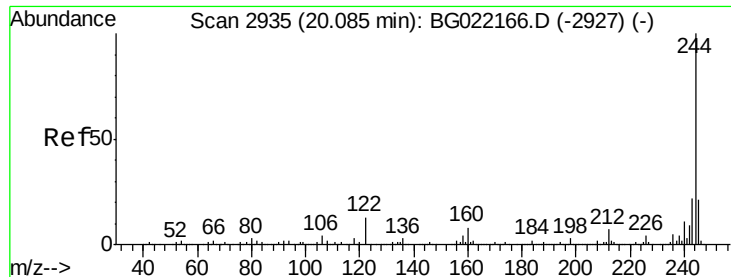
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 108.90 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022212.D

Acq: 7 Jun 2016 20:07

Instrument :

BNA_G

ClientSampleId :

SP16-LF2RES

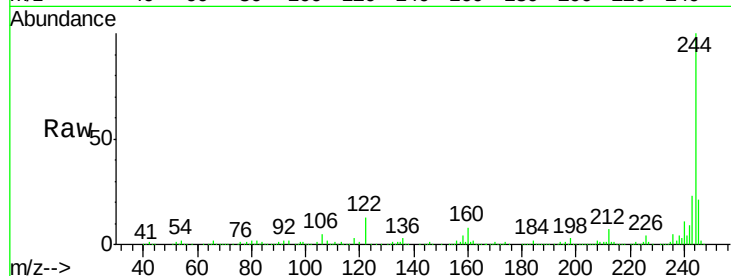
Tot Ion:244 Resp: 849891

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

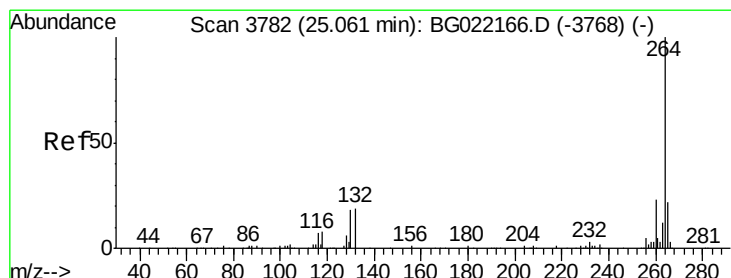
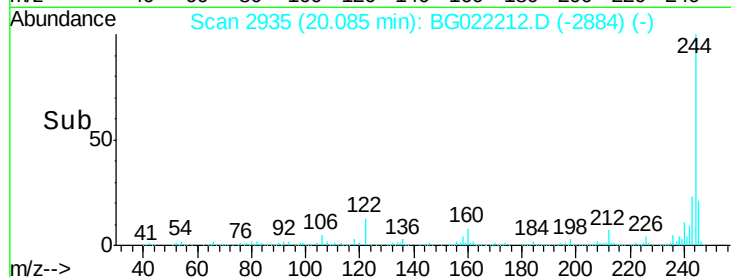
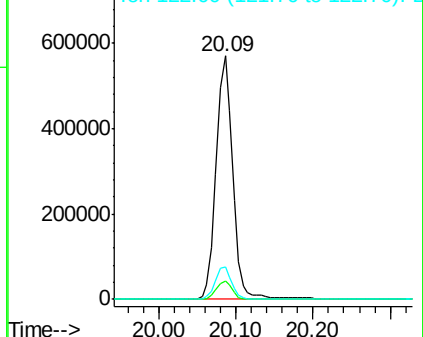
122 13.1 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. 0.00 min

Lab File: BG022212.D

Acq: 7 Jun 2016 20:07

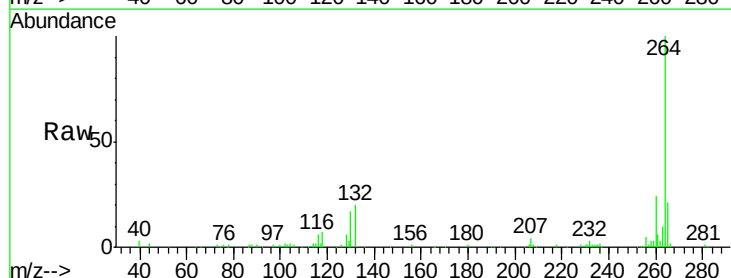
Tgt Ion:264 Resp: 179536

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.4

265 21.0 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

