

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022455.D
 Acq On : 21 Jun 2016 00:21
 Operator : UM/SJ
 Sample : H3679-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-21

Quant Time: Jun 21 03:52:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 03:17:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	21974	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107978	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	69693	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	149129	20.00	ng	0.00
75) Chrysene-d12	21.64	240	118276	20.00	ng	0.00
86) Perylene-d12	24.84	264	104017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	91669	80.66	ng	0.00
7) Phenol-d6	7.18	99	80345	44.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	156435	101.00	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	93993	119.36	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	411521	89.99	ng	0.00
78) Terphenyl-d14	19.98	244	485953	97.54	ng	0.00

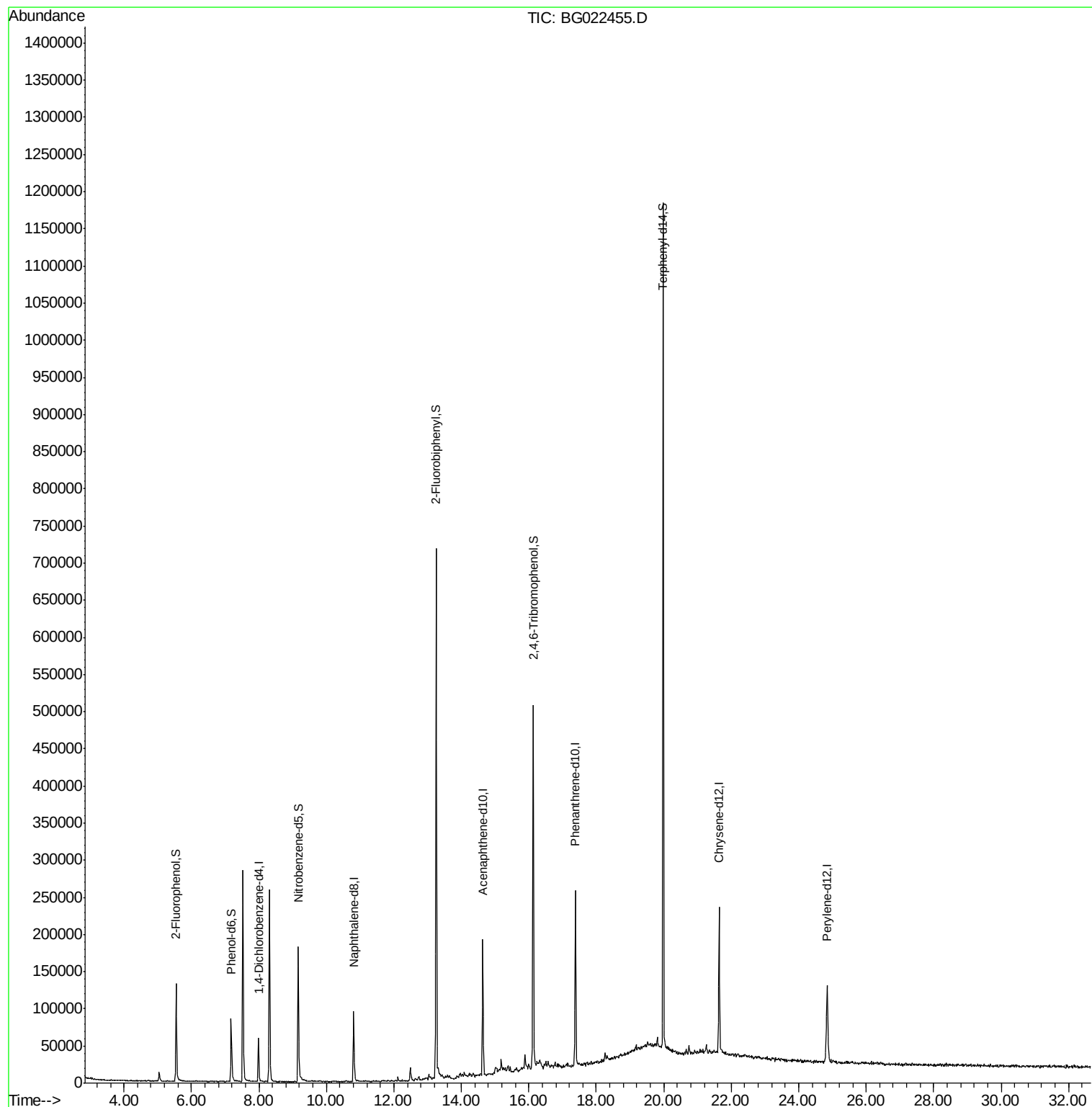
Target Compounds Qvalue

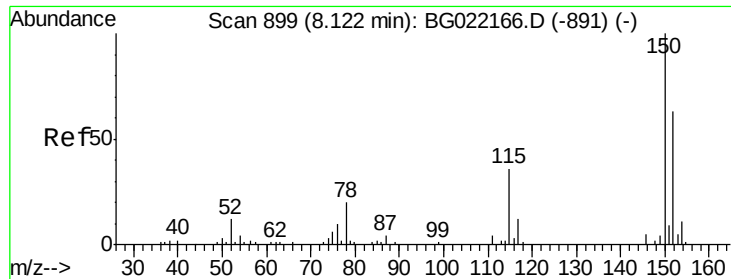
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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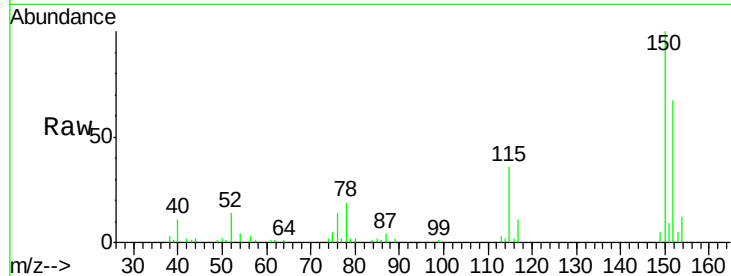


#1

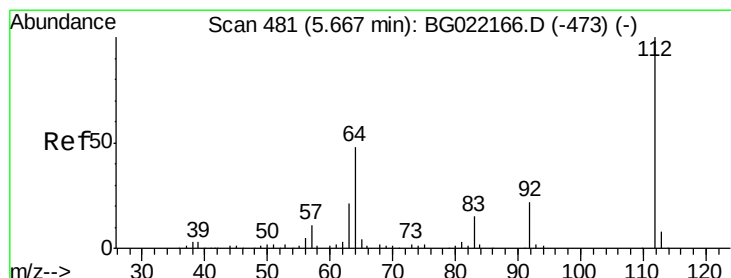
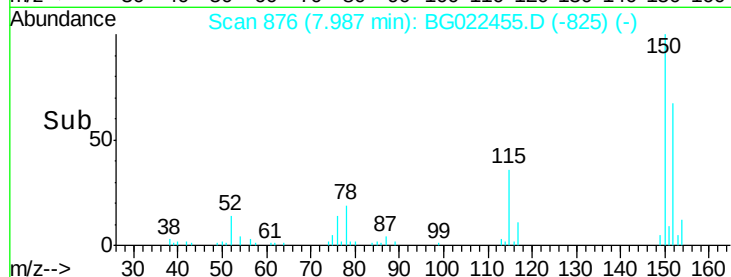
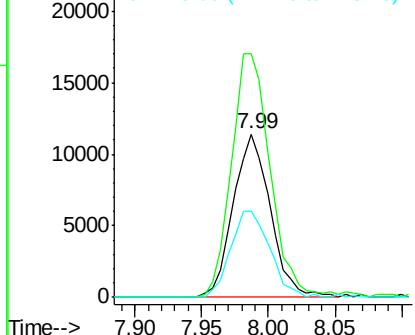
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG022455.D
Acq: 21 Jun 2016 00:21

Instrument :
BNA_G
ClientSampled :
W-21

Tot Ion:152 Resp: 21974
Ion Ratio Lower Upper
152 100
150 149.1 130.1 195.1
115 53.1 62.2 93.2#



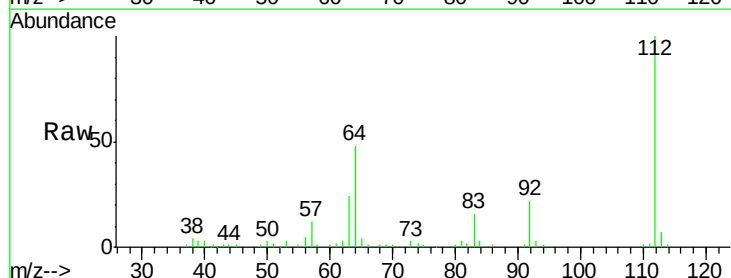
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



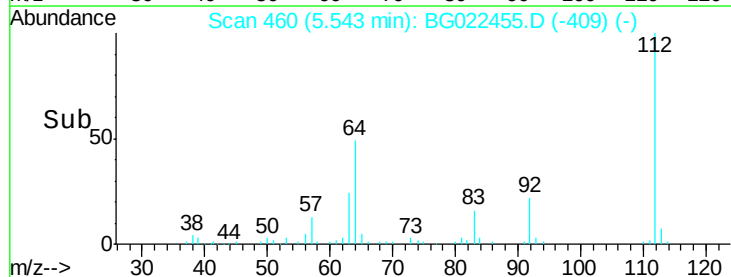
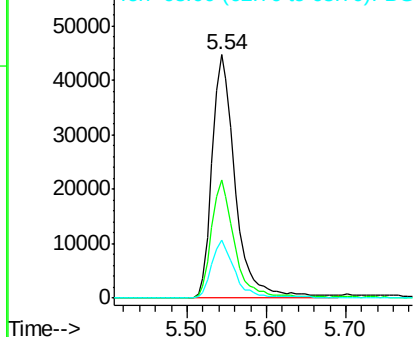
#5

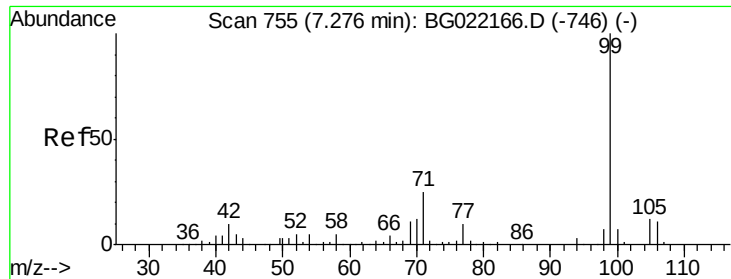
2-Fluorophenol
Concen: 80.66 ng
RT: 5.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BG022455.D
Acq: 21 Jun 2016 00:21

Tgt Ion:112 Resp: 91669
Ion Ratio Lower Upper
112 100
64 48.4 51.1 76.7#
63 23.6 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: 44.96 ng

RT: 7.18 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

Instrument :

BNA_G

ClientSampleId :

W-21

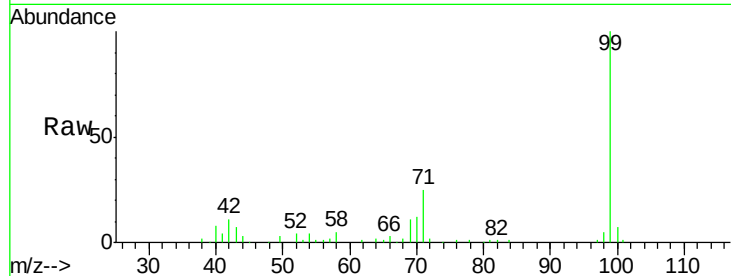
Tot Ion: 99 Resp: 80345

Ion Ratio Lower Upper

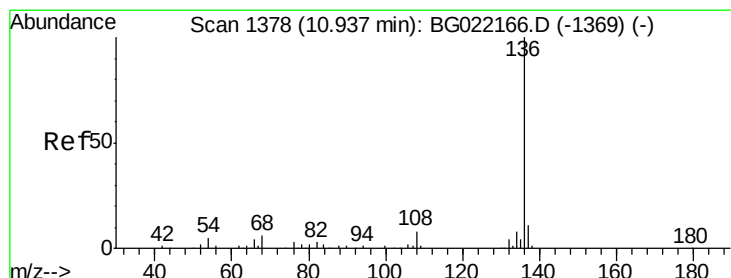
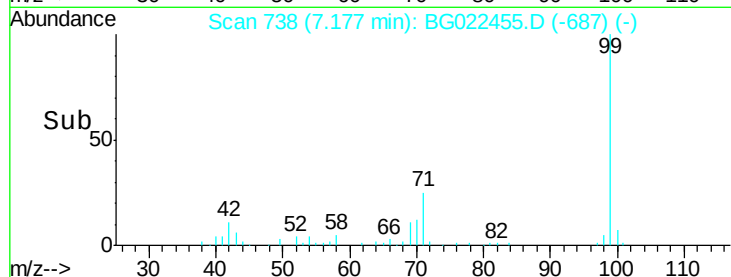
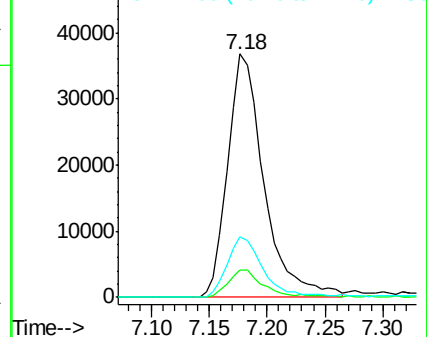
99 100

42 11.3 16.4 24.6#

71 24.7 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: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

Tgt Ion: 136 Resp: 107978

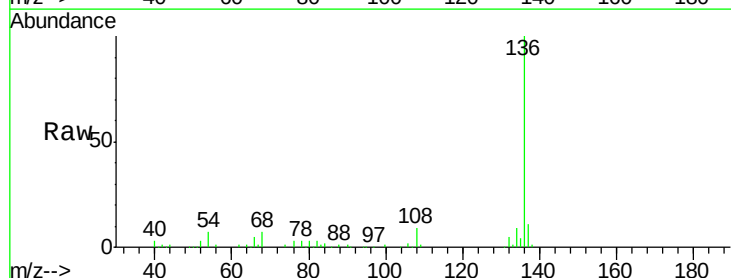
Ion Ratio Lower Upper

136 100

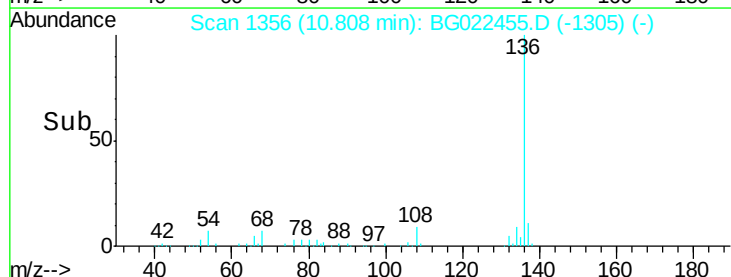
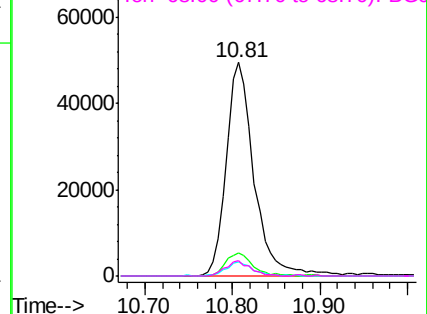
137 11.0 9.0 13.4

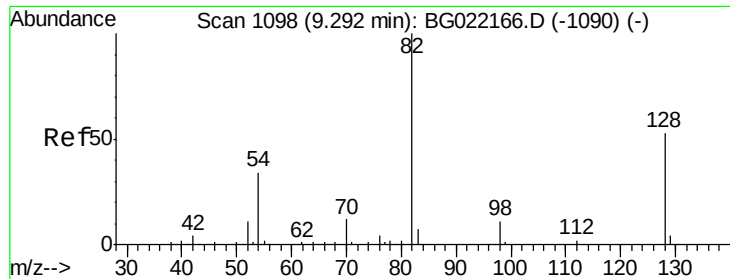
54 6.8 9.6 14.4#

68 7.0 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

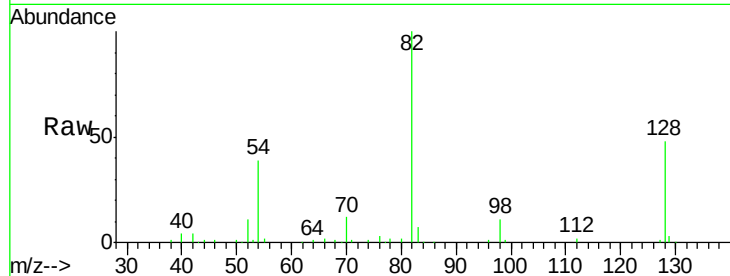




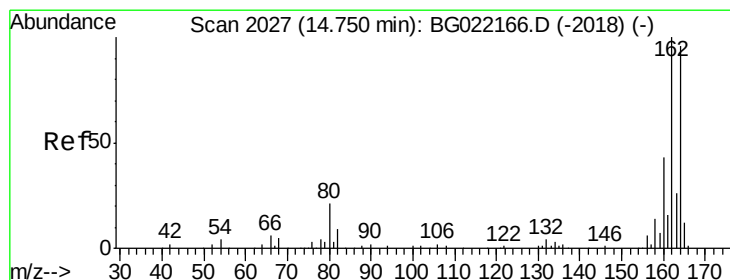
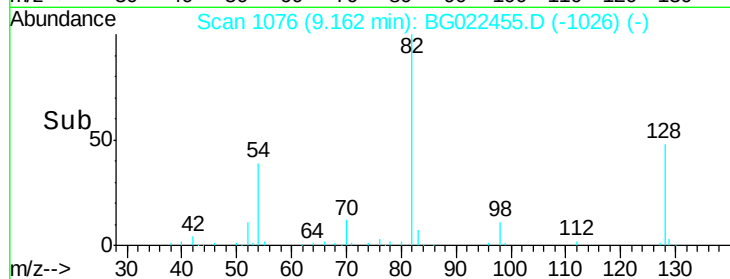
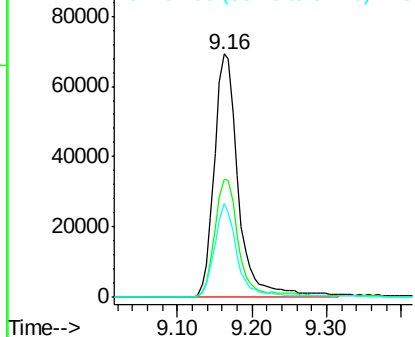
#23
 Nitrobenzene-d5
 Concen: 101.00 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG022455.D
 Acq: 21 Jun 2016 00:21

Instrument :
 BNA_G
 ClientSampleId :
 W-21

Tot Ion: 82 Resp: 156435
 Ion Ratio Lower Upper
 82 100
 128 48.4 33.4 50.0
 54 38.8 46.1 69.1#

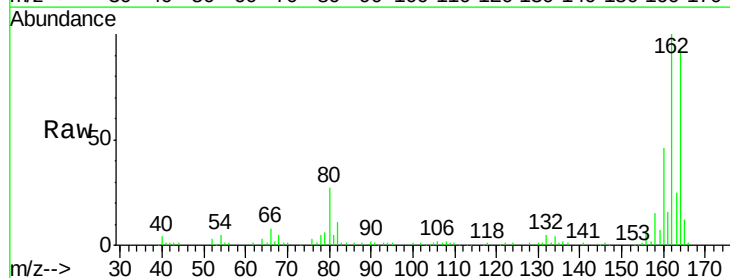


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

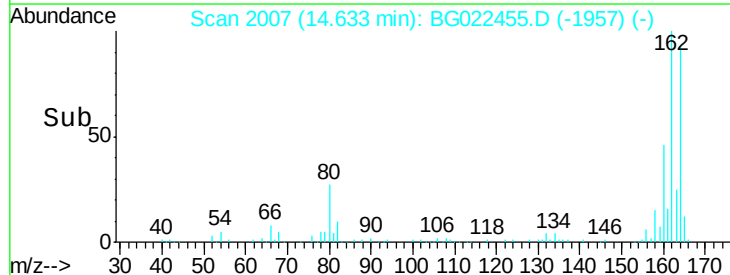
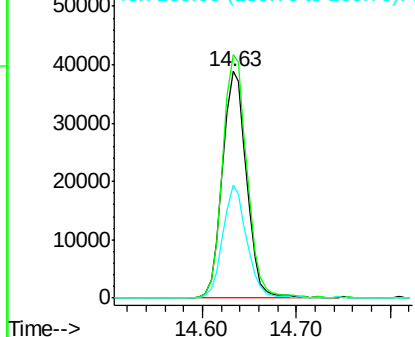


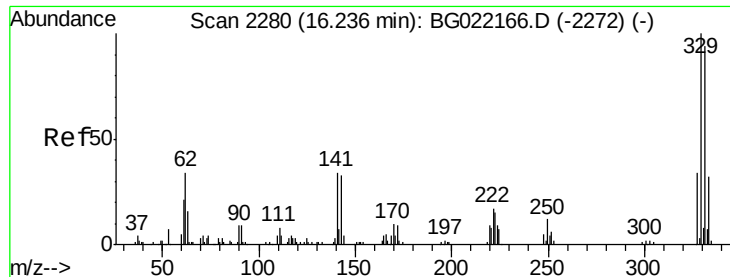
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG022455.D
 Acq: 21 Jun 2016 00:21

Tgt Ion:164 Resp: 69693
 Ion Ratio Lower Upper
 164 100
 162 107.3 78.0 117.0
 160 49.8 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: 119.36 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

Instrument :

BNA_G

ClientSampleId :

W-21

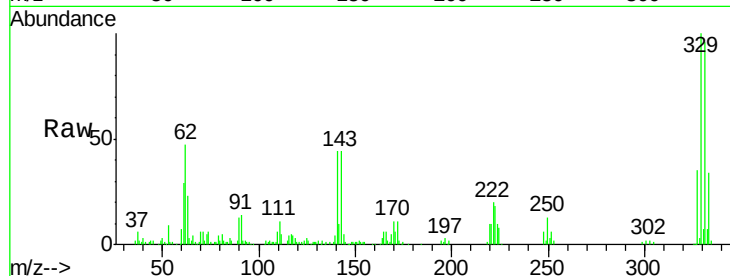
Tot Ion:330 Resp: 93993

Ion Ratio Lower Upper

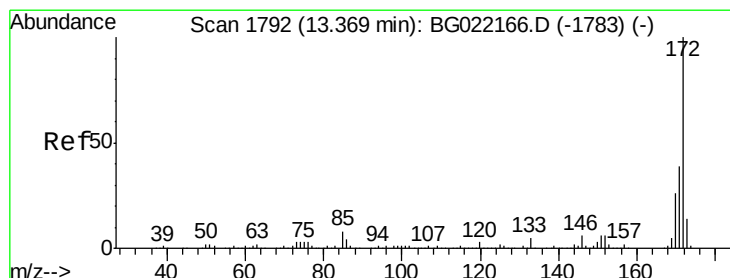
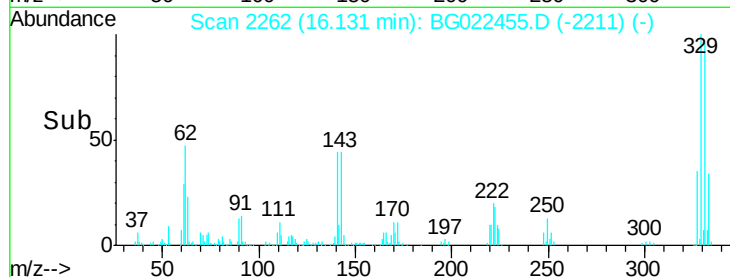
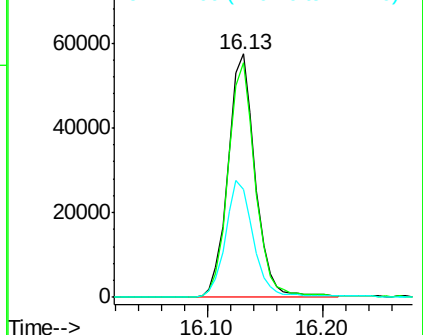
330 100

332 97.2 78.0 117.0

141 49.7 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: 89.99 ng

RT: 13.25 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

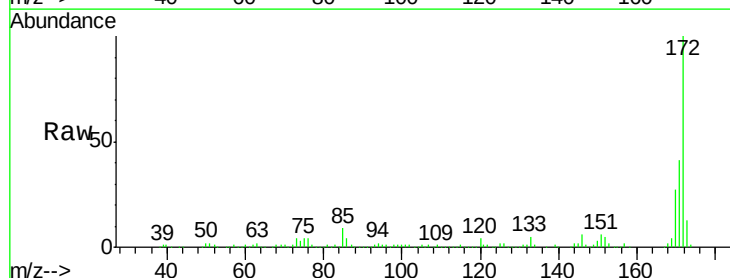
Tgt Ion:172 Resp: 411521

Ion Ratio Lower Upper

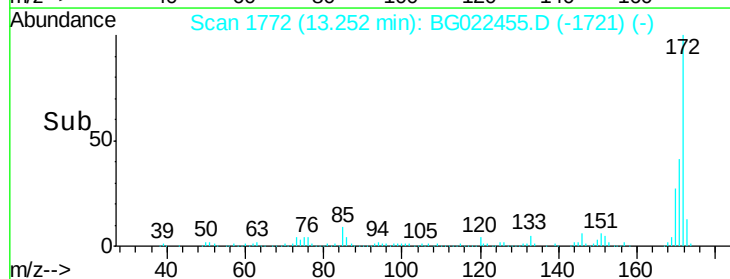
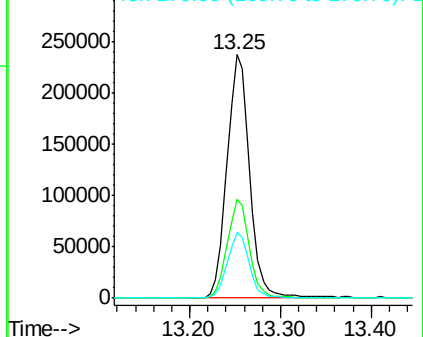
172 100

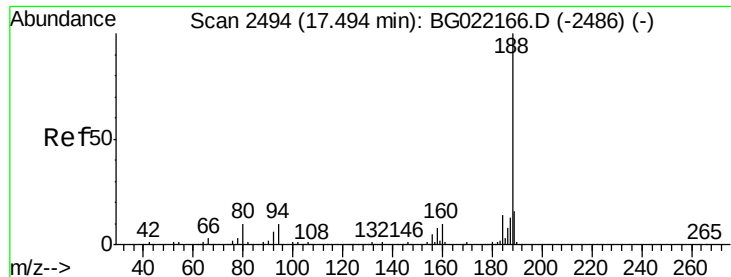
171 40.7 27.8 41.6

170 26.7 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: 17.38 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

Instrument :

BNA_G

ClientSampleId :

W-21

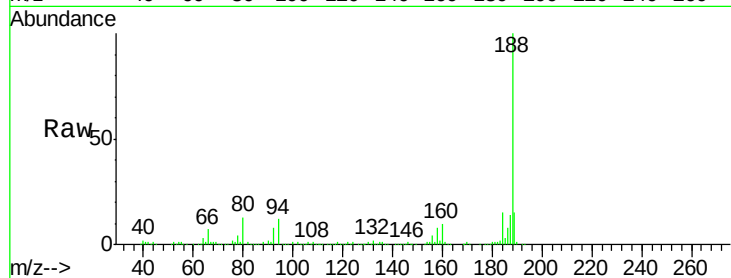
Tot Ion:188 Resp: 149129

Ion Ratio Lower Upper

188 100

94 12.0 7.5 11.3#

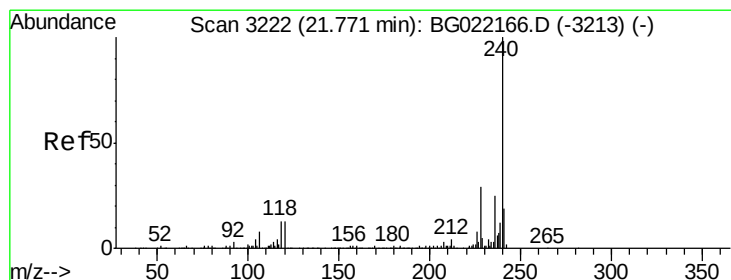
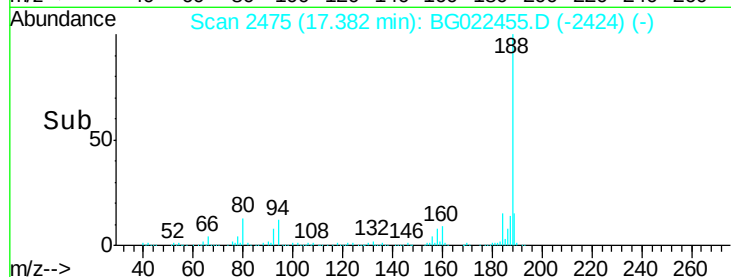
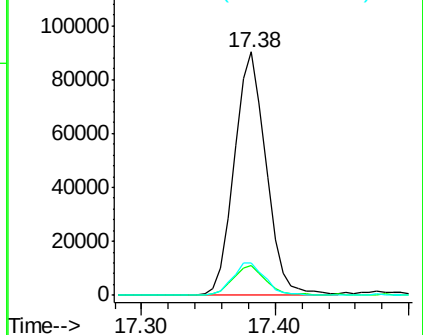
80 13.1 8.6 13.0#



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: 21.64 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

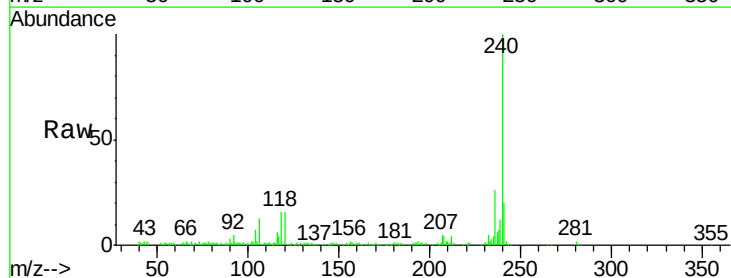
Tgt Ion:240 Resp: 118276

Ion Ratio Lower Upper

240 100

120 16.5 8.4 12.6#

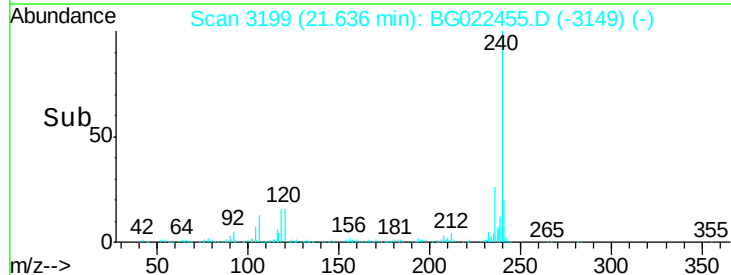
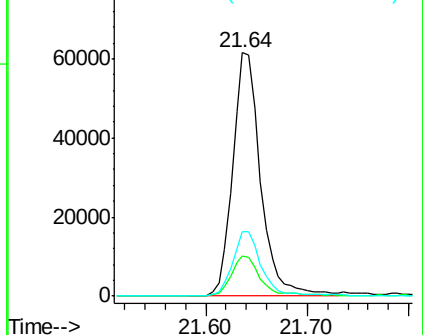
236 26.4 19.6 29.4

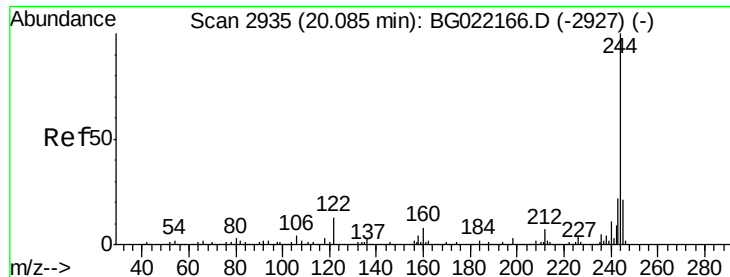


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.54 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

Instrument :

BNA_G

ClientSampleId :

W-21

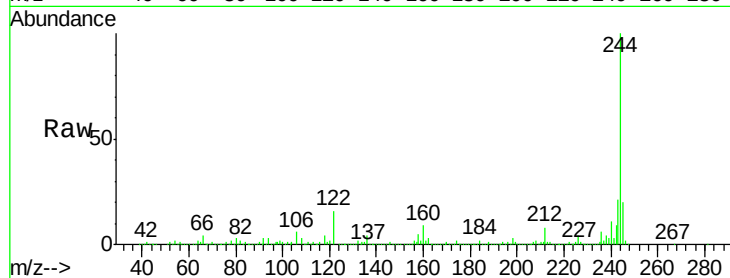
Tot Ion:244 Resp: 485953

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

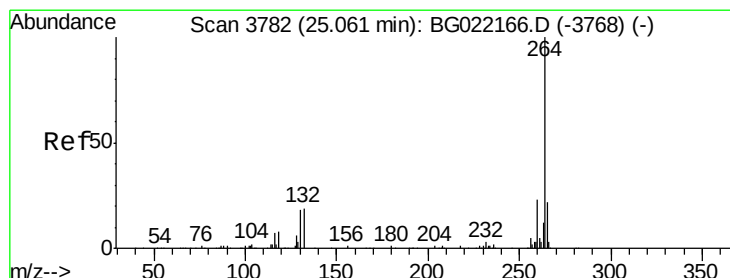
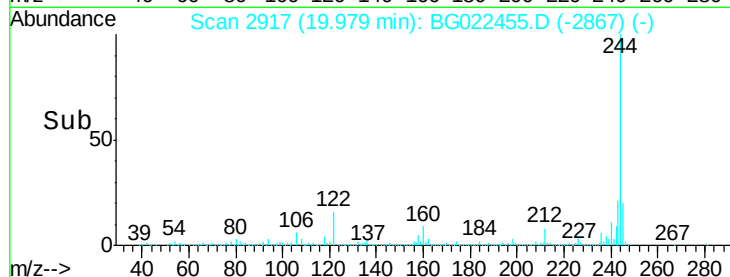
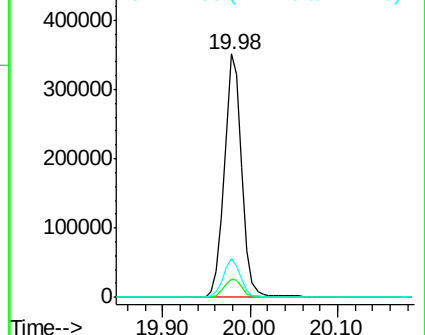
122 16.1 8.6 12.8#



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: 24.84 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BG022455.D

Acq: 21 Jun 2016 00:21

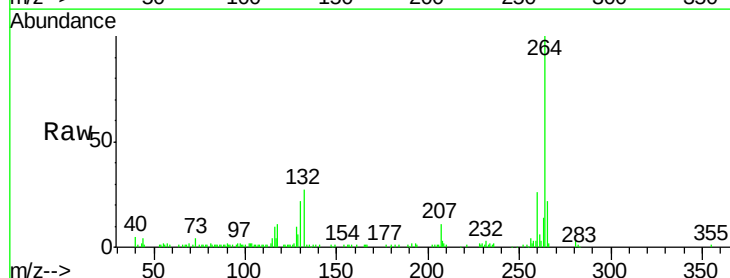
Tgt Ion:264 Resp: 104017

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.4

265 21.5 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

