

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022338.D
 Acq On : 14 Jun 2016 17:06
 Operator : UM/SJ
 Sample : H3427-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-39

Quant Time: Jun 15 03:15:09 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	23647	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	122646	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	82673	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	202973	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	174983	20.00	ng	-0.01
86) Perylene-d12	24.99	264	160092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	95284	77.91	ng	-0.02
7) Phenol-d6	7.24	99	94608	49.20	ng	-0.01
23) Nitrobenzene-d5	9.25	82	162592	92.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	137715	147.42	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	459034	84.62	ng	-0.01
78) Terphenyl-d14	20.05	244	731606	99.26	ng	0.00

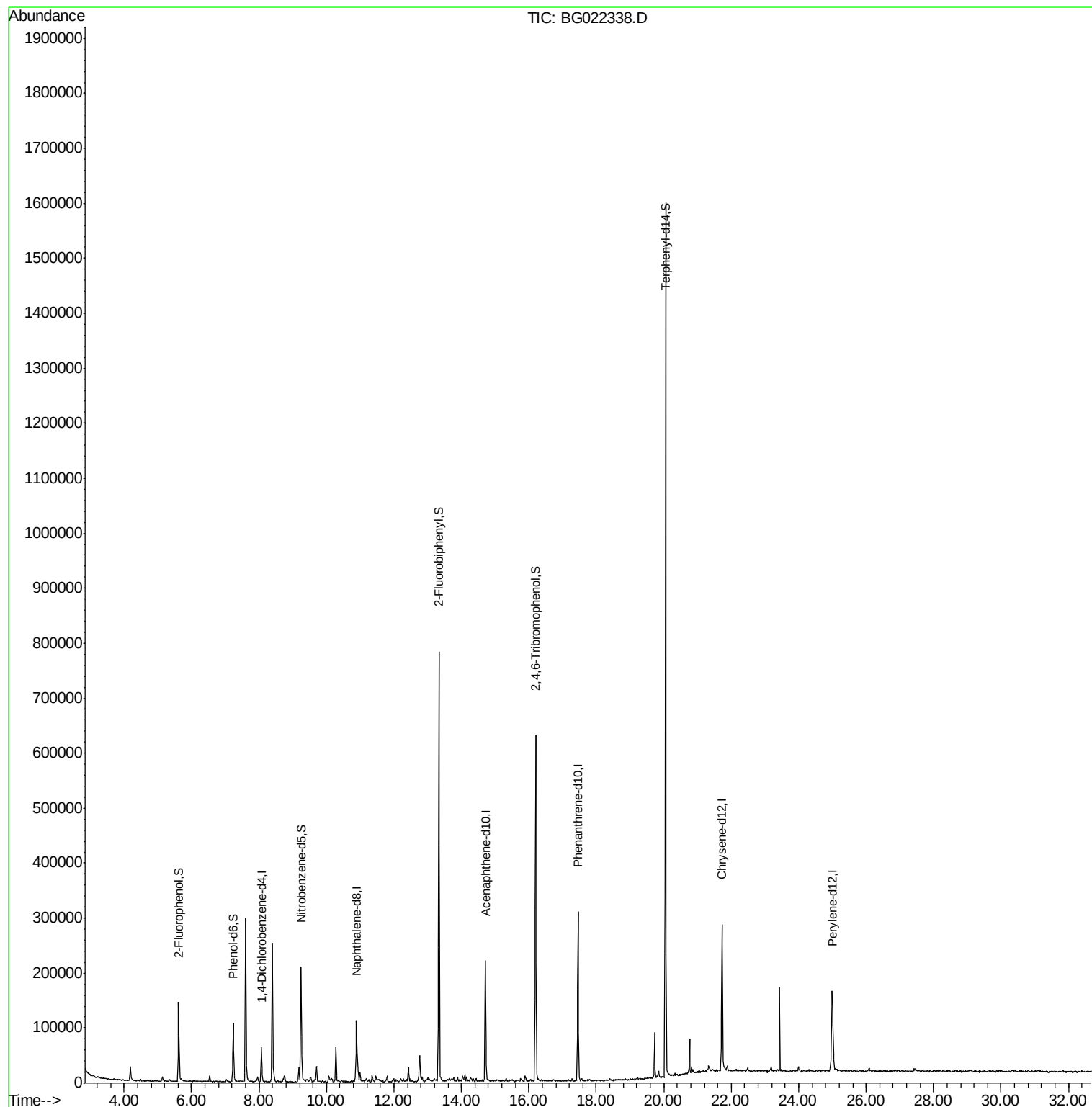
Target Compounds Qvalue

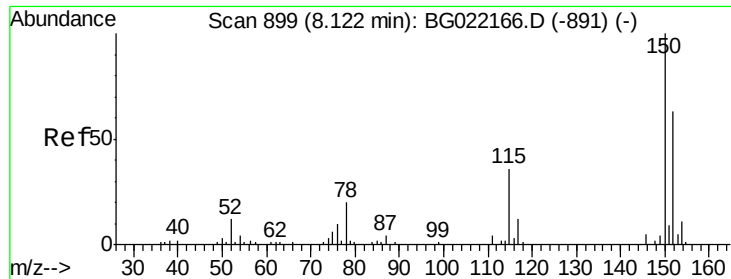
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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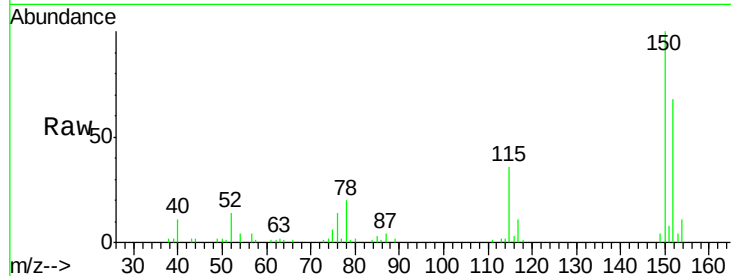


#1

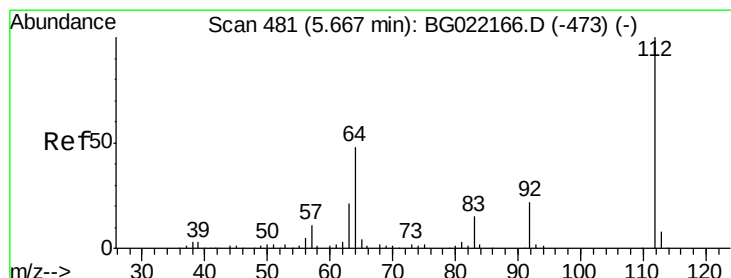
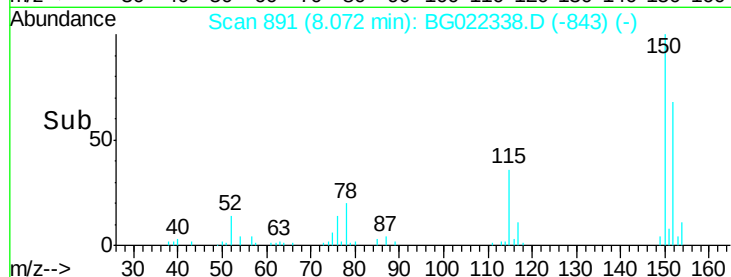
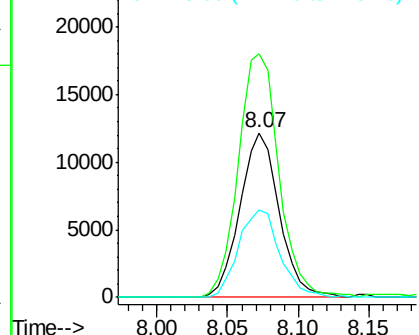
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	130.1	195.1
115	53.0	62.2	93.2



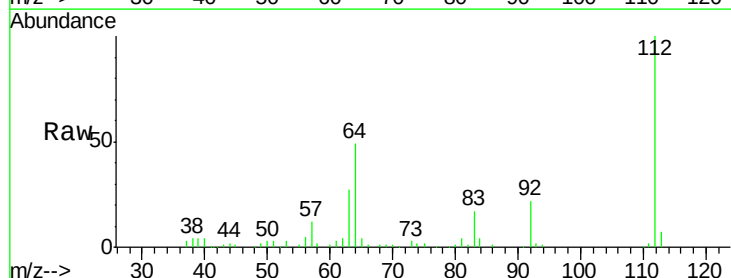
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



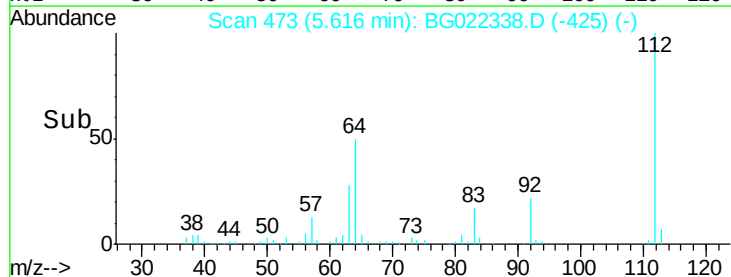
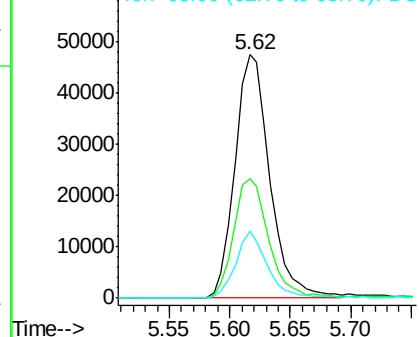
#5

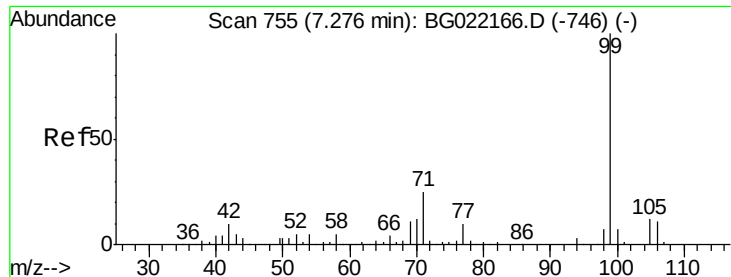
2-Fluorophenol
Concen: 77.91 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	51.1	76.7
63	27.3	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: 49.20 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

Instrument :

BNA_G

ClientSampleId :

W-39

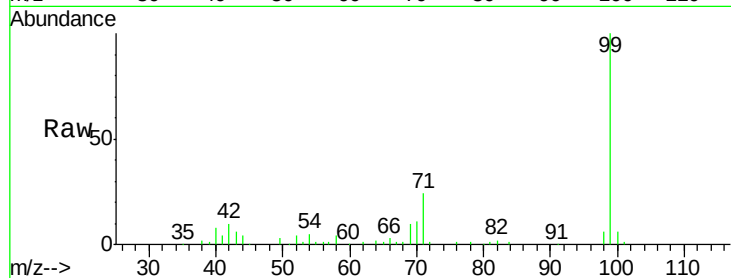
Tot Ion: 99 Resp: 94608

Ion Ratio Lower Upper

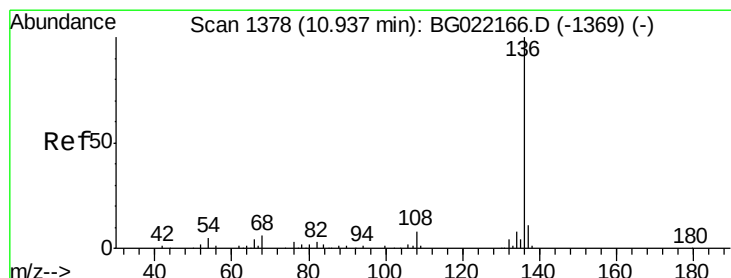
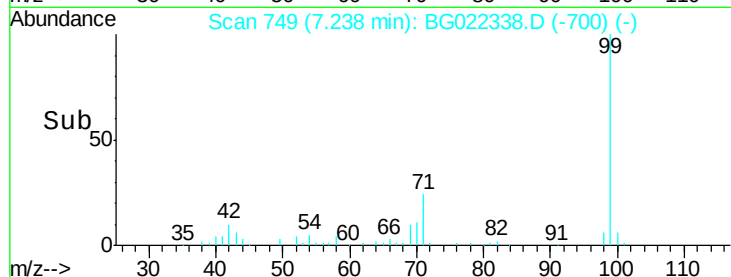
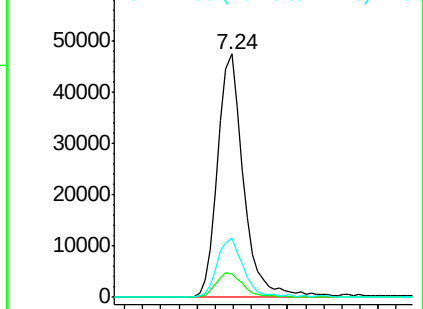
99 100

42 9.8 16.4 24.6#

71 24.2 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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

Tgt Ion: 136 Resp: 122646

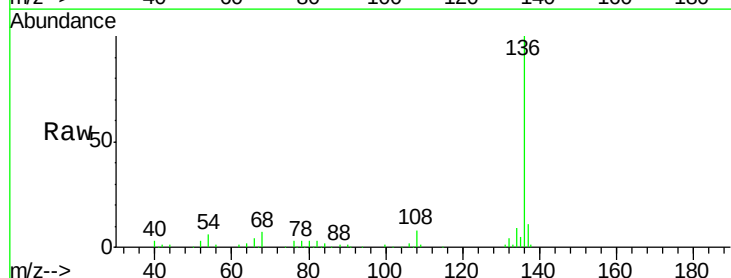
Ion Ratio Lower Upper

136 100

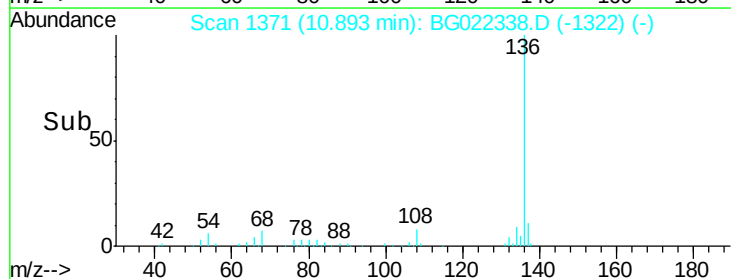
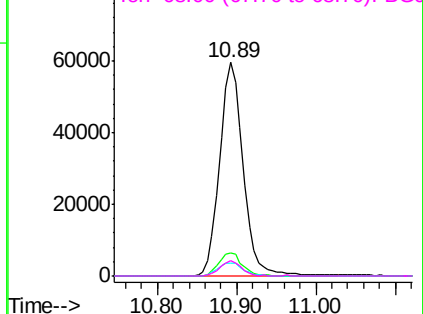
137 11.0 9.0 13.4

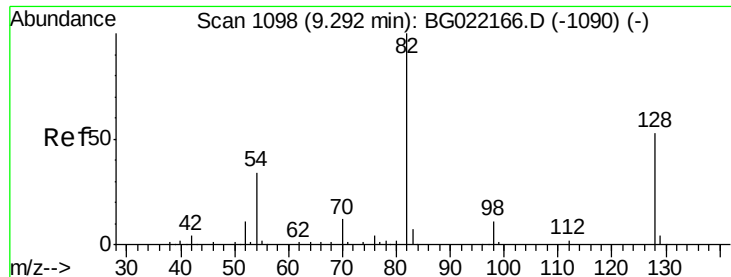
54 6.0 9.6 14.4#

68 7.1 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: 92.42 ng

RT: 9.25 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

Instrument :

BNA_G

ClientSampleId :

W-39

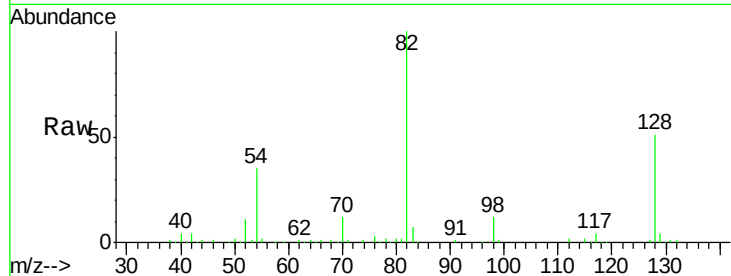
Tot Ion: 82 Resp: 162592

Ion Ratio Lower Upper

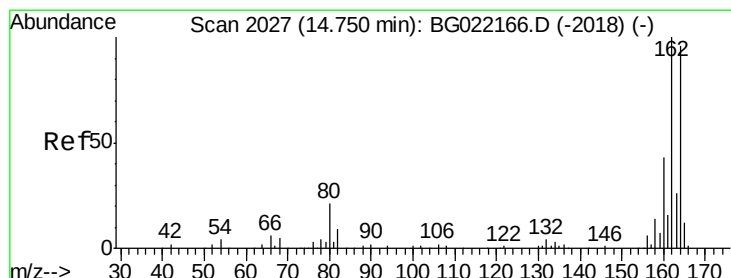
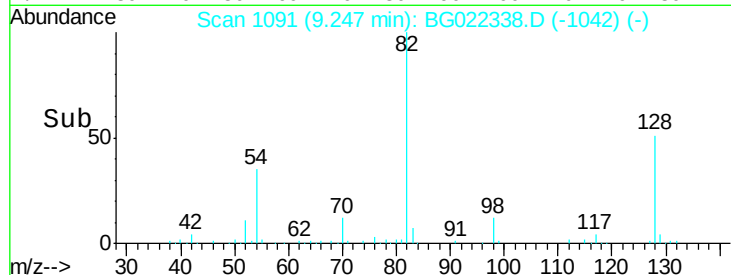
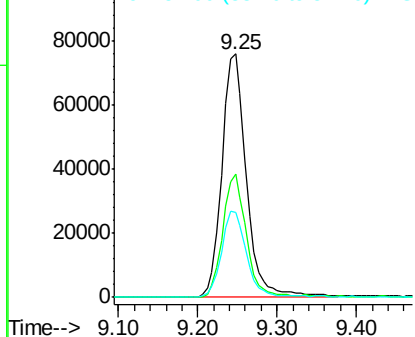
82 100

128 50.5 33.4 50.0#

54 34.7 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# 2021

Delta R.T. -0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

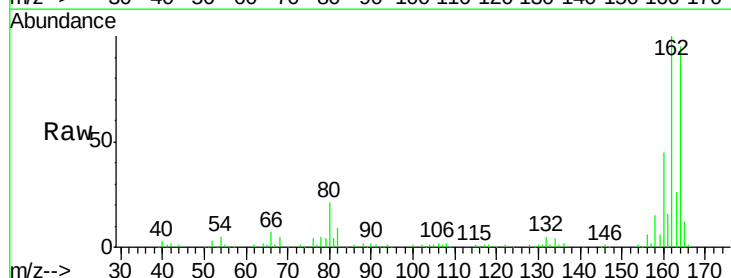
Tgt Ion: 164 Resp: 82673

Ion Ratio Lower Upper

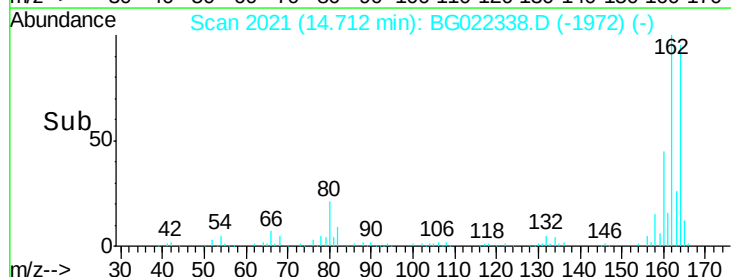
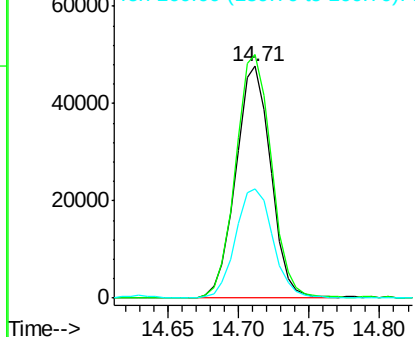
164 100

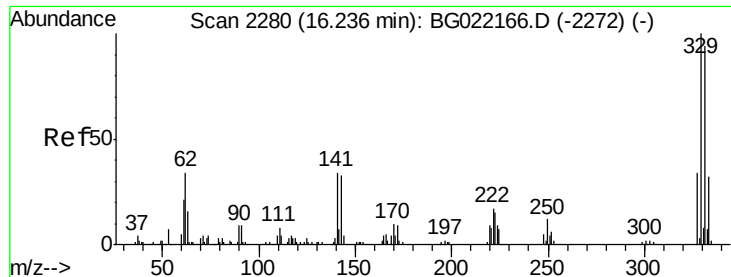
162 105.1 78.0 117.0

160 47.4 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: 147.42 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

Instrument :

BNA_G

ClientSampleId :

W-39

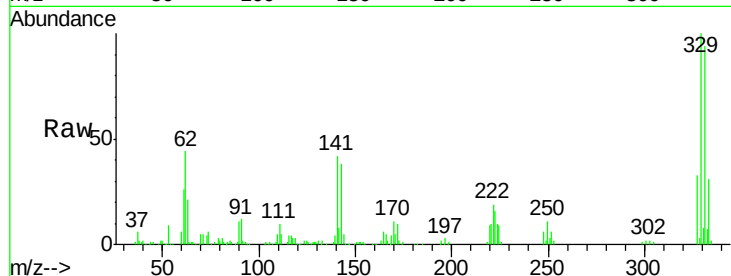
Tot Ion:330 Resp: 137715

Ion Ratio Lower Upper

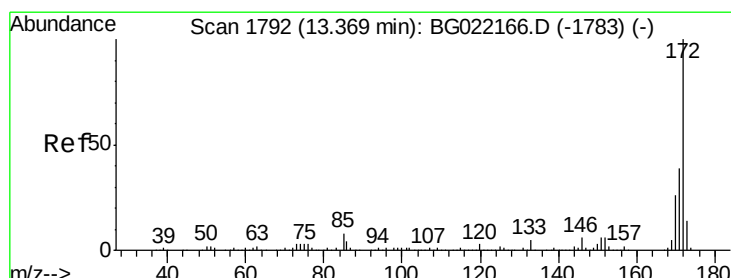
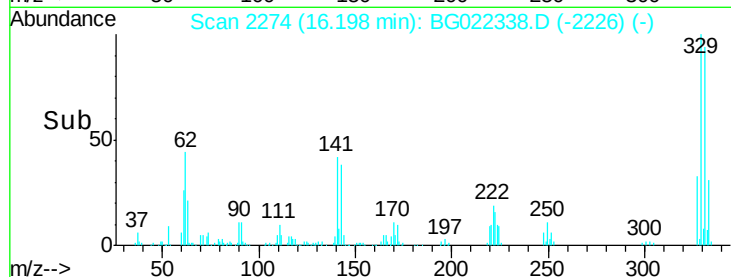
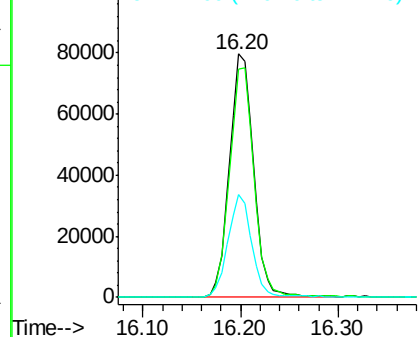
330 100

332 95.7 78.0 117.0

141 41.9 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: 84.62 ng

RT: 13.33 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

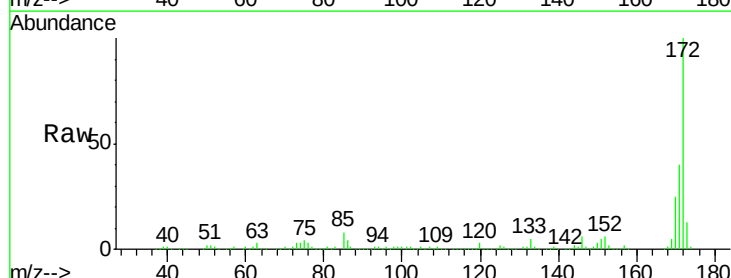
Tgt Ion:172 Resp: 459034

Ion Ratio Lower Upper

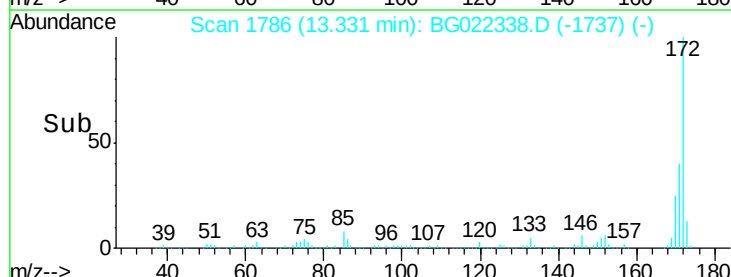
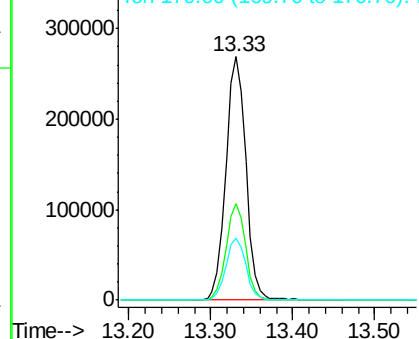
172 100

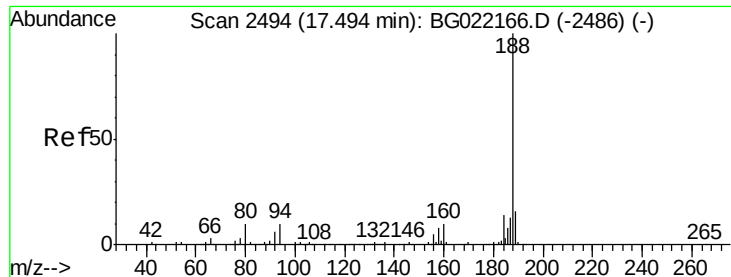
171 39.8 27.8 41.6

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

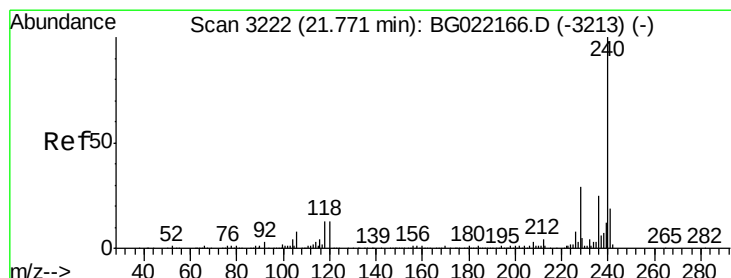
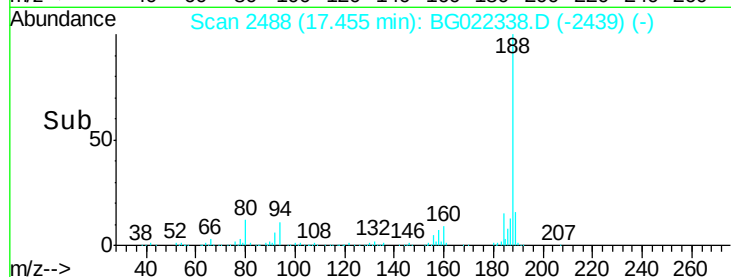
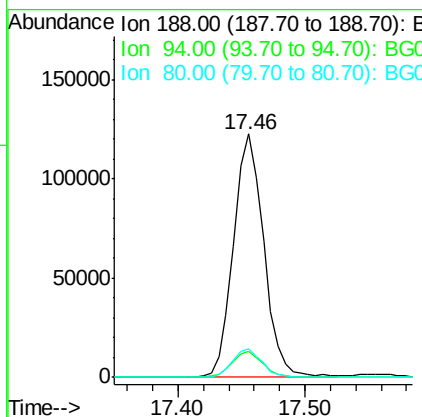
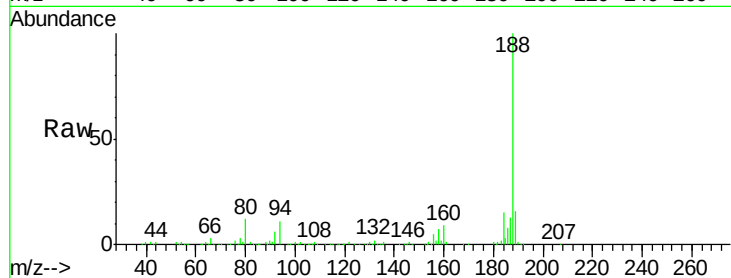




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

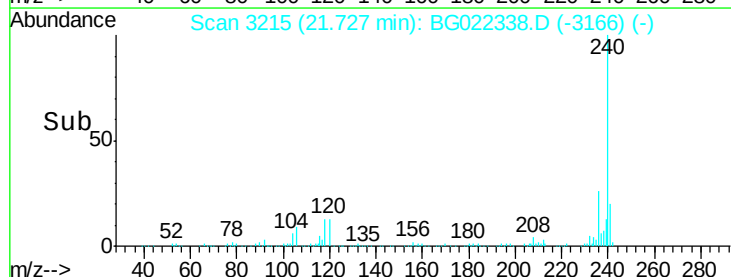
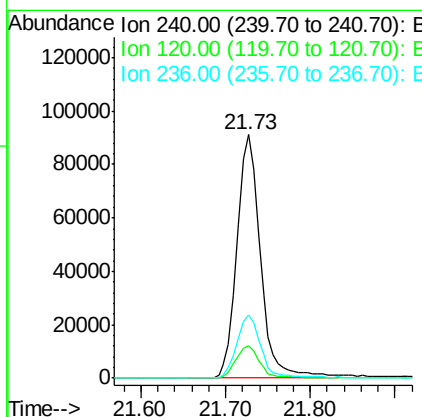
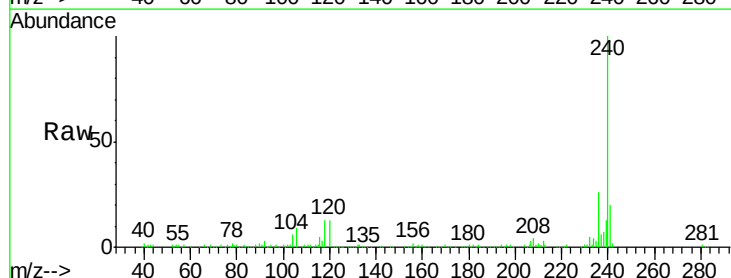
Instrument :
BNA_G
ClientSampleId :
W-39

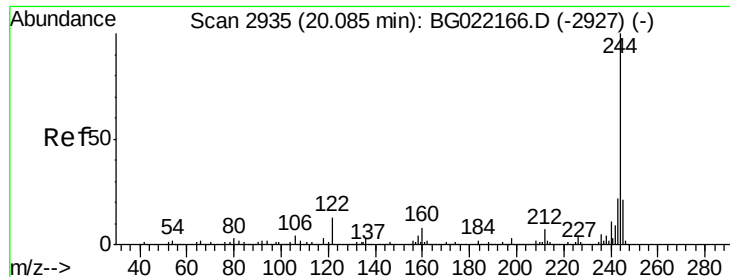
Tot Ion:188 Resp: 202973
Ion Ratio Lower Upper
188 100
94 10.7 7.5 11.3
80 11.6 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:240 Resp: 174983
Ion Ratio Lower Upper
240 100
120 13.1 8.4 12.6#
236 25.7 19.6 29.4





#78

Terphenyl-d14

Concen: 99.26 ng

RT: 20.05 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

Instrument :

BNA_G

ClientSampleId :

W-39

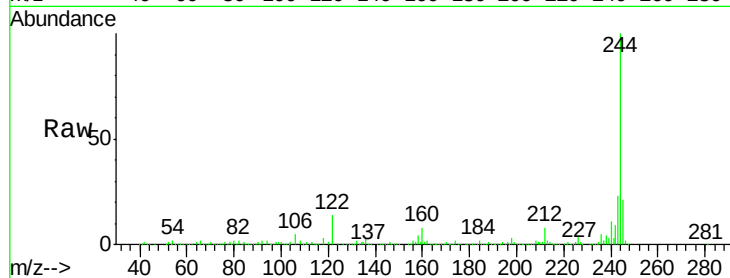
Tot Ion:244 Resp: 731606

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

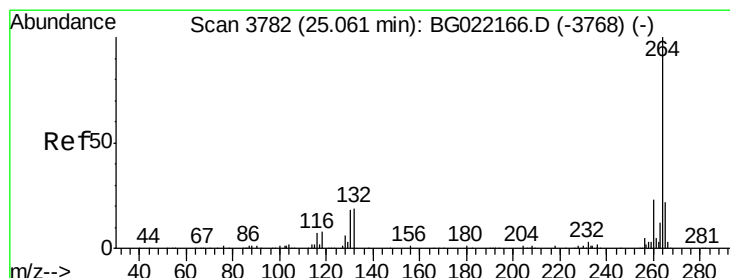
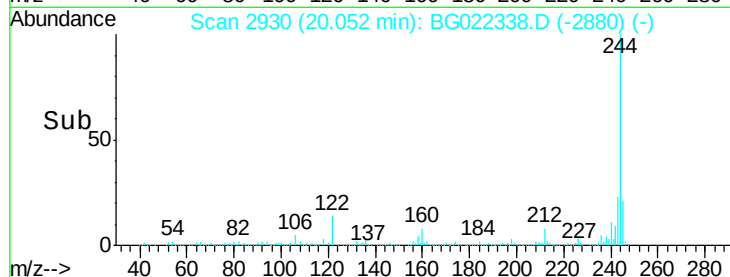
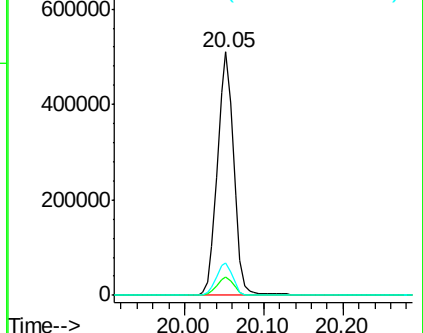
122 13.5 8.6 12.8#



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: 24.99 min Scan# 3771

Delta R.T. -0.02 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

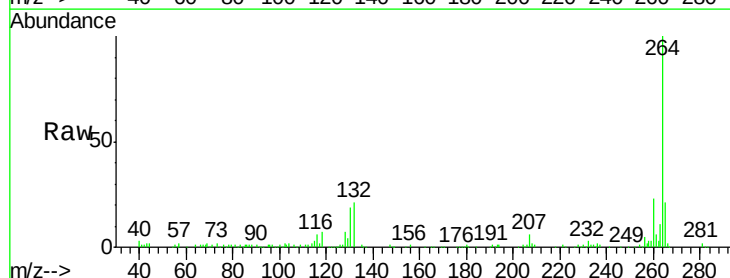
Tgt Ion:264 Resp: 160092

Ion Ratio Lower Upper

264 100

260 23.0 20.2 30.4

265 20.8 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

