

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
 Data File : BG022322.D
 Acq On : 13 Jun 2016 12:59
 Operator : UM/SJ
 Sample : H3448-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-VE-PILE-WALL(0-2)

Quant Time: Jun 13 18:07:50 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

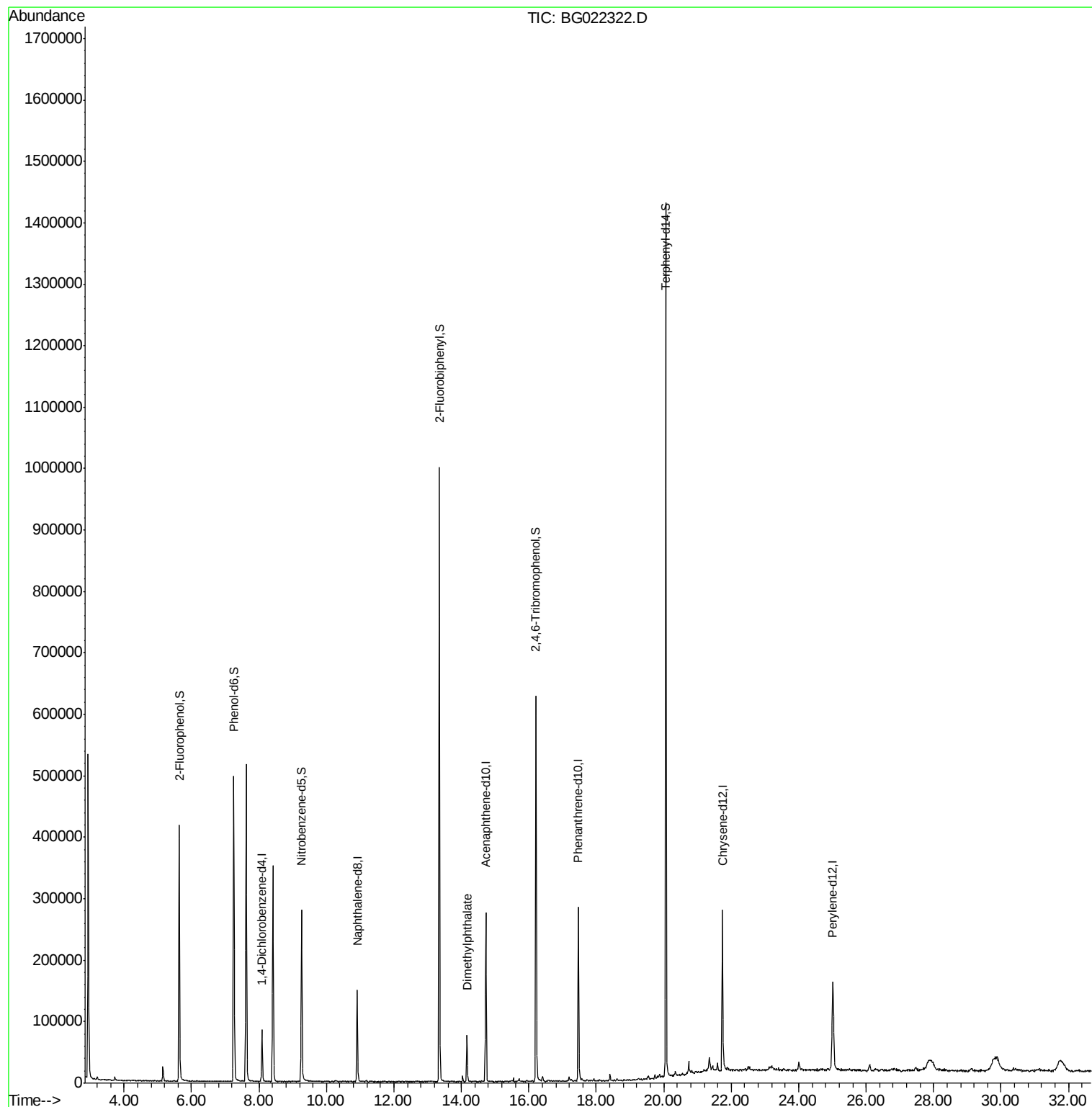
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29644	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	164377	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	100997	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	196387	20.00	ng	0.00
75) Chrysene-d12	21.74	240	168869	20.00	ng	0.00
86) Perylene-d12	25.01	264	155365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	267078	174.20	ng	0.00
7) Phenol-d6	7.25	99	419086	173.85	ng	0.00
23) Nitrobenzene-d5	9.26	82	224904	95.39	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	133710	117.16	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	593456	89.55	ng	0.00
78) Terphenyl-d14	20.06	244	678326	95.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.17	163	65396	7.81	ng	Qvalue 98

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

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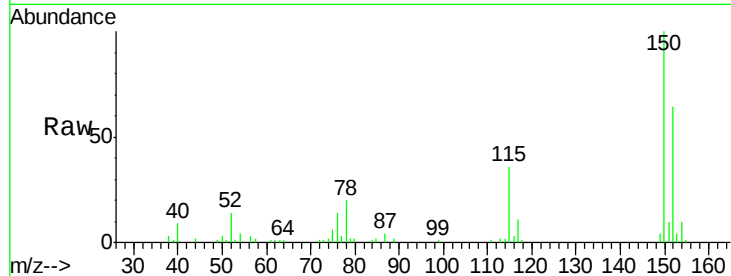


#1

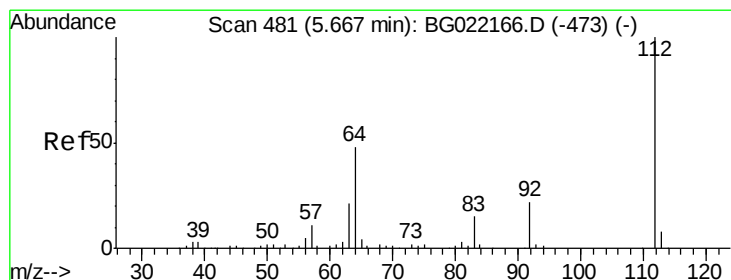
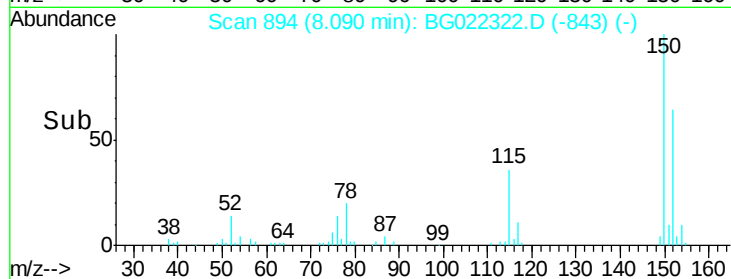
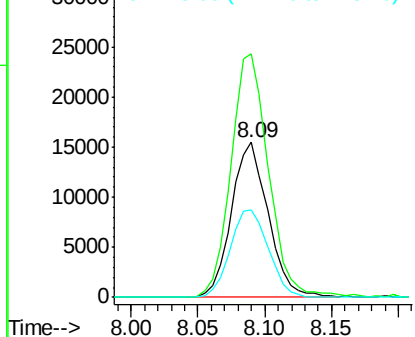
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG022322.D
Acq: 13 Jun 2016 12:59

Instrument :
BNA_G
ClientSampleId :
2-VE-PILE-WALL(0-2)

Tot Ion:152 Resp: 29644
Ion Ratio Lower Upper
152 100
150 157.4 130.1 195.1
115 56.4 62.2 93.2#



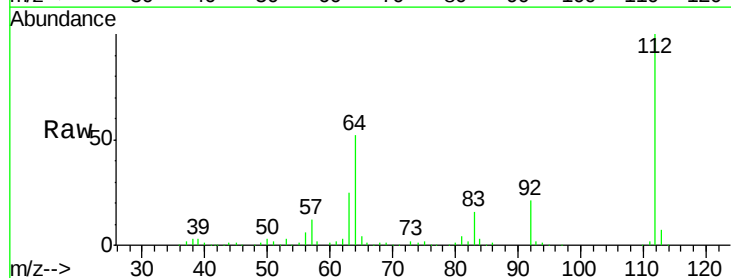
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



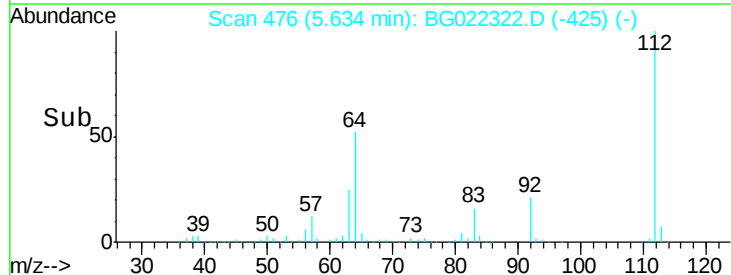
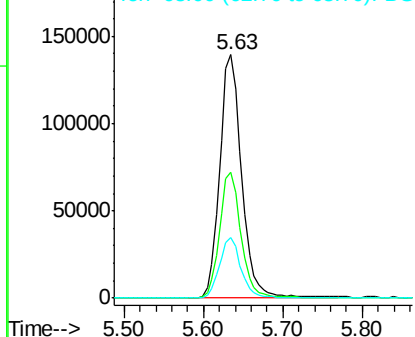
#5

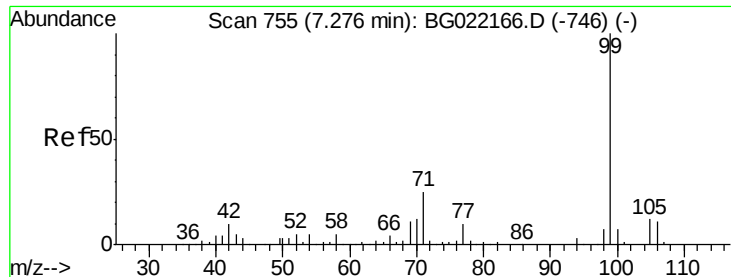
2-Fluorophenol
Concen: 174.20 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.00 min
Lab File: BG022322.D
Acq: 13 Jun 2016 12:59

Tgt Ion:112 Resp: 267078
Ion Ratio Lower Upper
112 100
64 51.7 51.1 76.7
63 24.9 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: 173.85 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

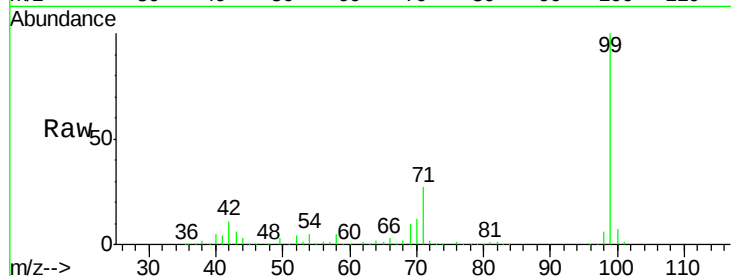
Tot Ion: 99 Resp: 419086

Ion Ratio Lower Upper

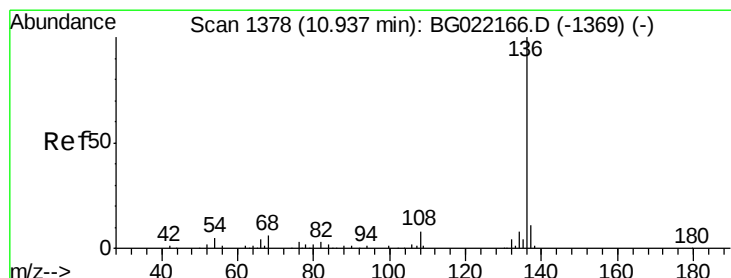
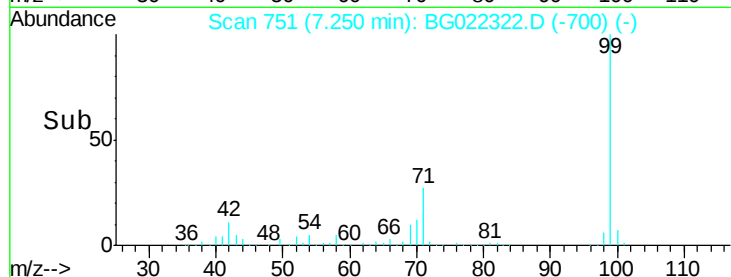
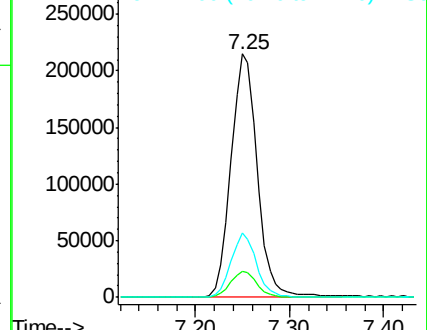
99 100

42 10.7 16.4 24.6#

71 26.7 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: 10.91 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Tgt Ion: 136 Resp: 164377

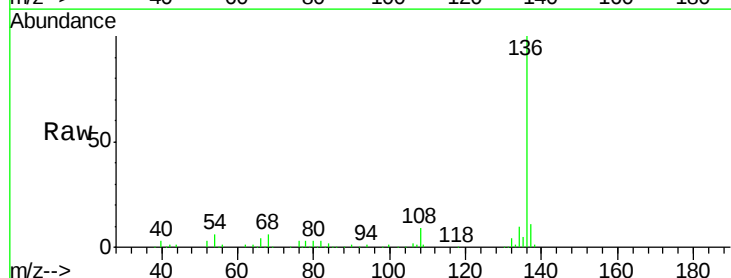
Ion Ratio Lower Upper

136 100

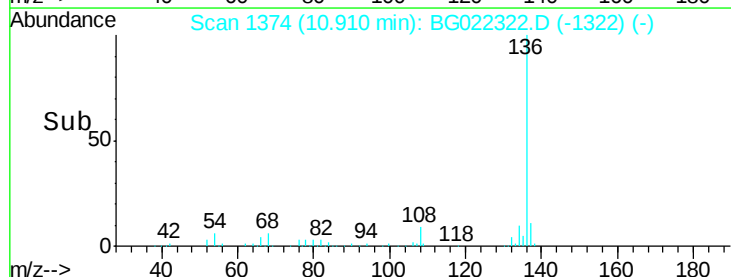
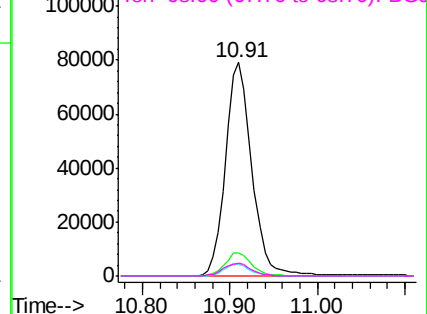
137 10.8 9.0 13.4

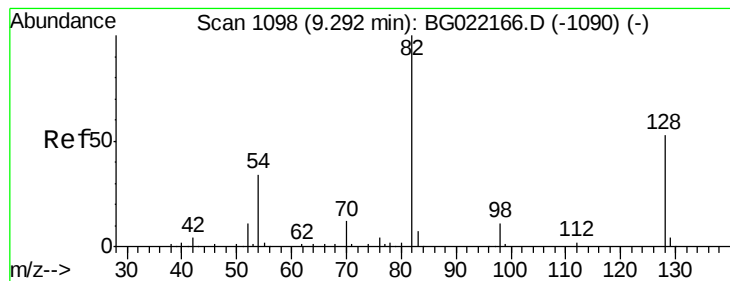
54 5.6 9.6 14.4#

68 5.8 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: 95.39 ng

RT: 9.26 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

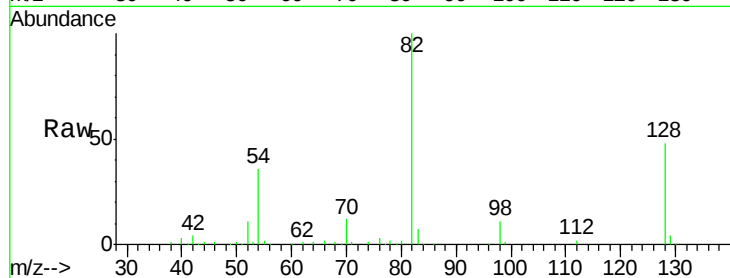
Tot Ion: 82 Resp: 224904

Ion Ratio Lower Upper

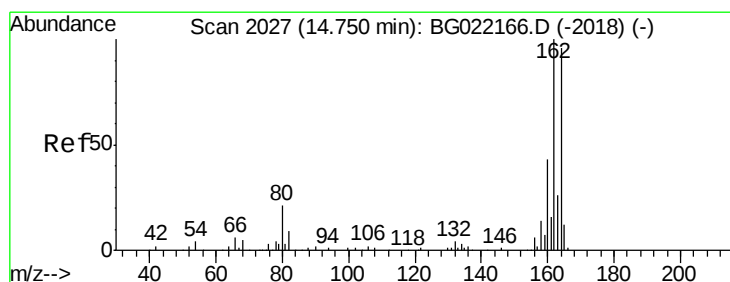
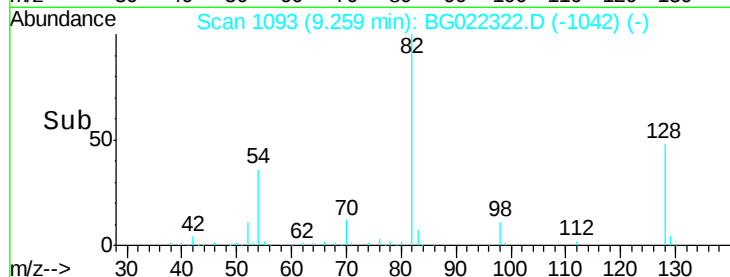
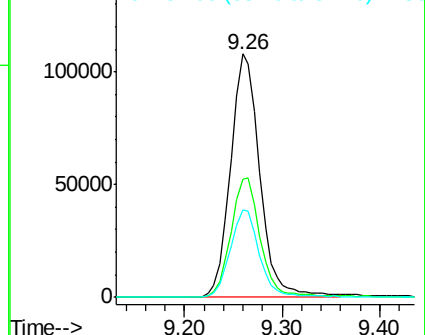
82 100

128 48.4 33.4 50.0

54 36.1 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: 14.72 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

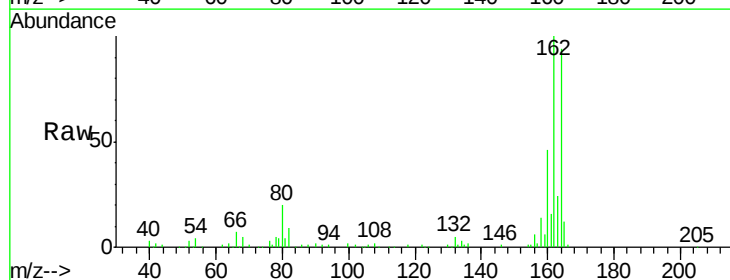
Tgt Ion: 164 Resp: 100997

Ion Ratio Lower Upper

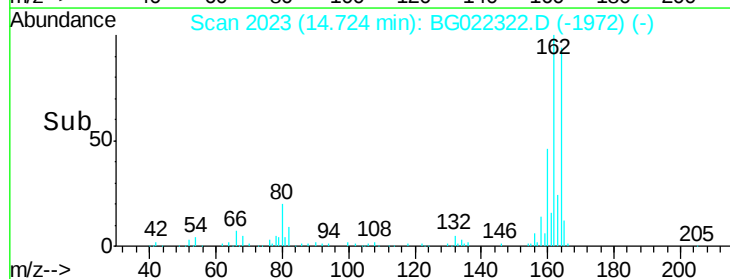
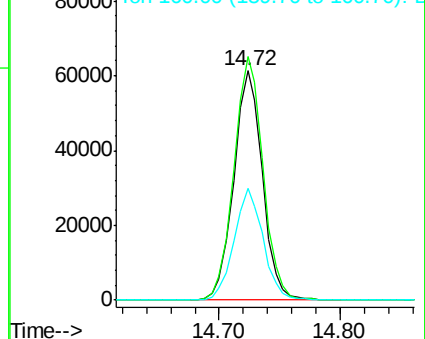
164 100

162 106.2 78.0 117.0

160 48.9 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

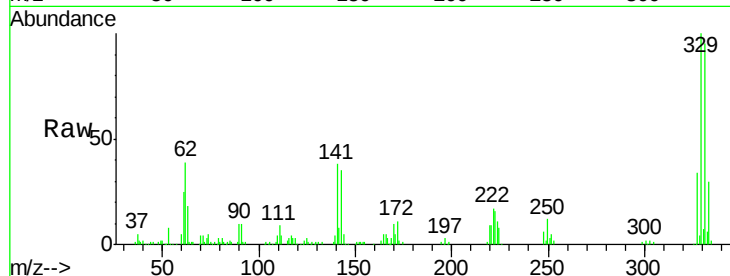




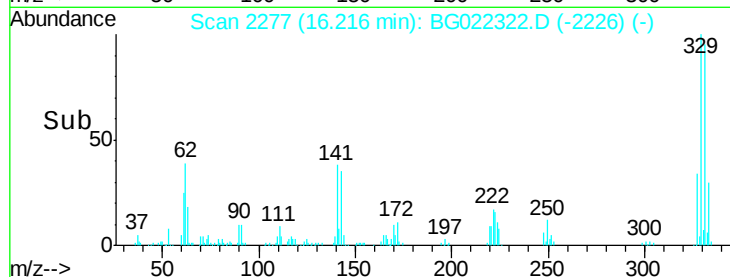
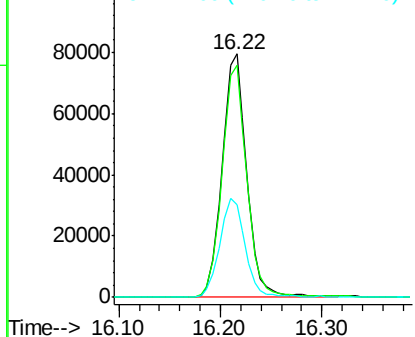
#41
 2,4,6-Tribromophenol
 Concen: 117.16 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG022322.D
 Acq: 13 Jun 2016 12:59

Instrument :
 BNA_G
 ClientSampleId :
 2-VE-PILE-WALL(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	42.1	33.8	50.8

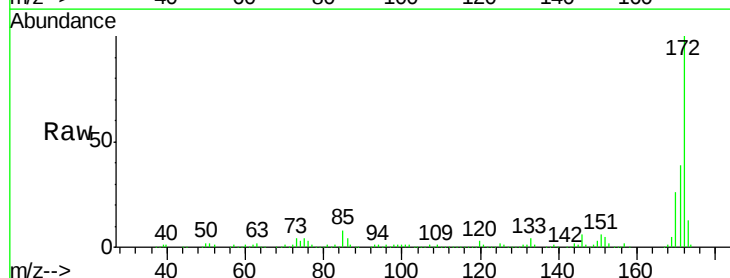


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

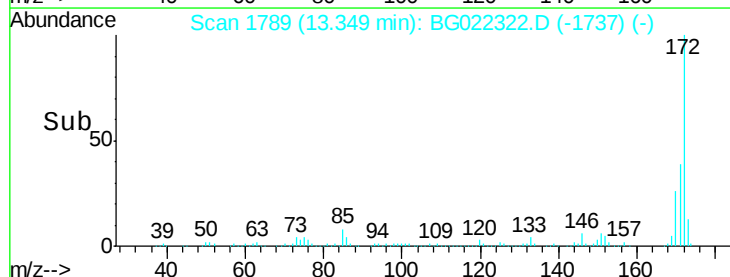
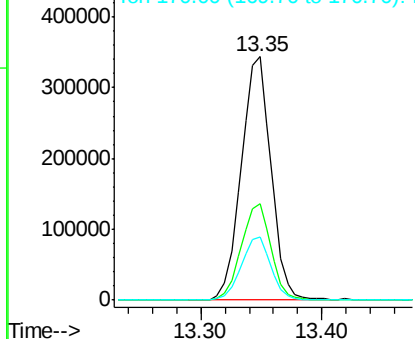


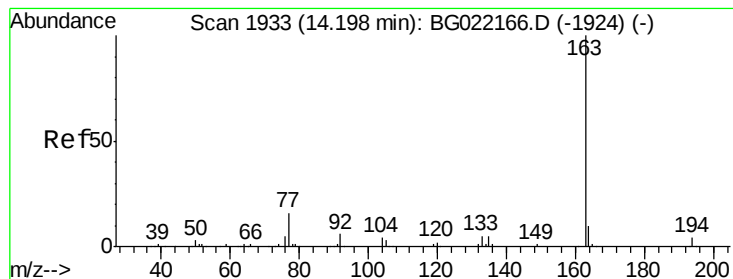
#44
 2-Fluorobiphenyl
 Concen: 89.55 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BG022322.D
 Acq: 13 Jun 2016 12:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	27.8	41.6
170	26.0	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: 7.81 ng

RT: 14.17 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

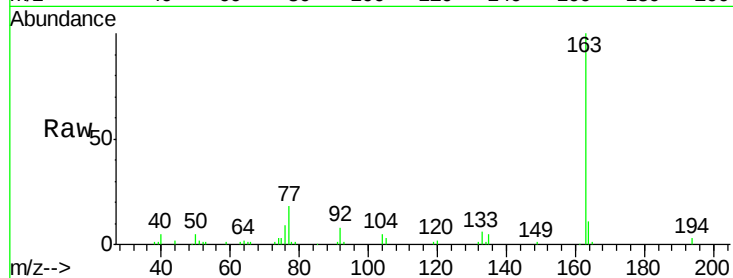
Tot Ion:163 Resp: 65396

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.6

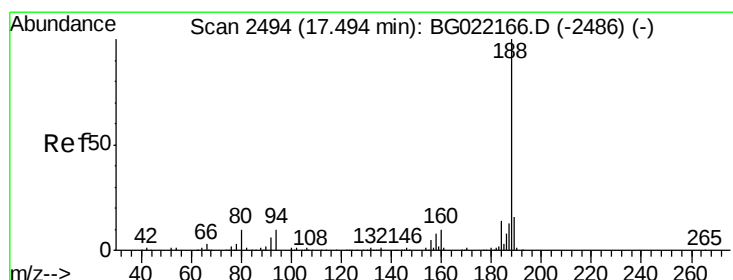
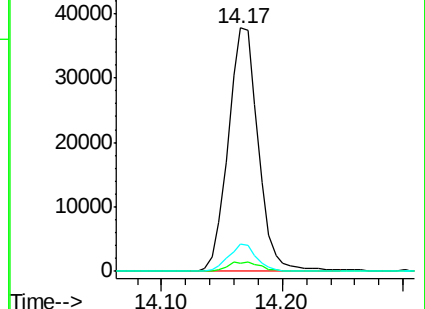
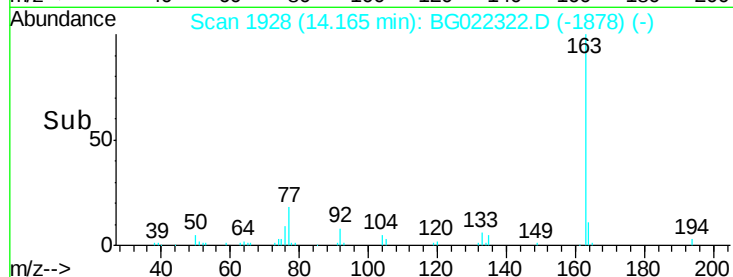
164 11.0 8.1 12.1



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: 17.47 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

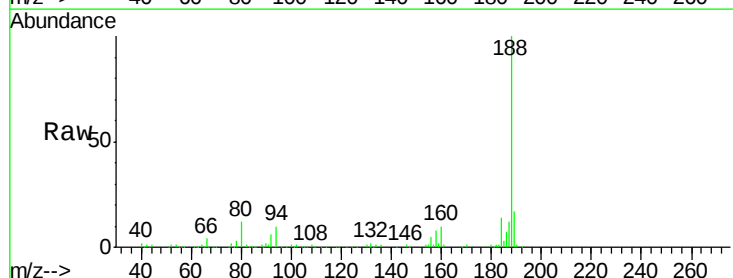
Tgt Ion:188 Resp: 196387

Ion Ratio Lower Upper

188 100

94 10.4 7.5 11.3

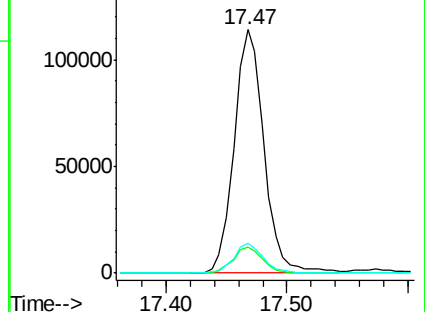
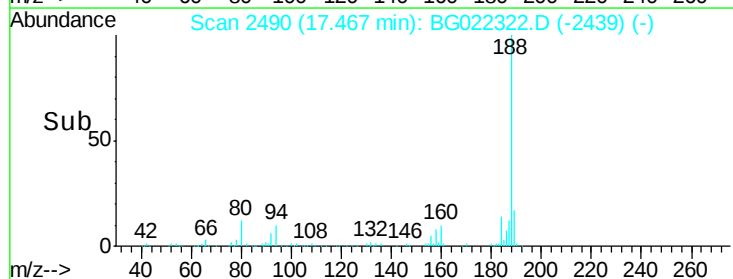
80 12.3 8.6 13.0

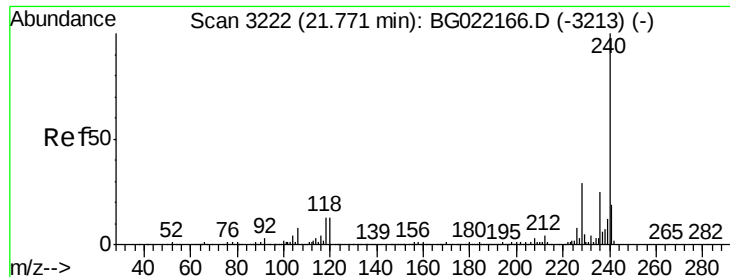


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

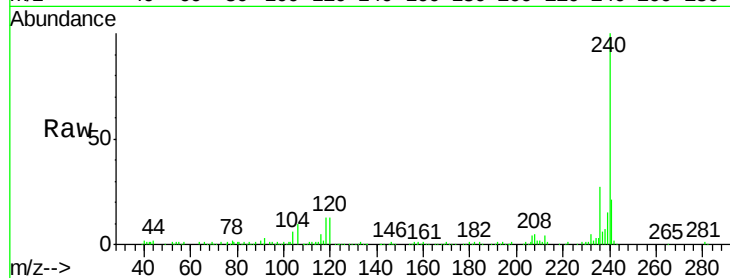
Tot Ion:240 Resp: 168869

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

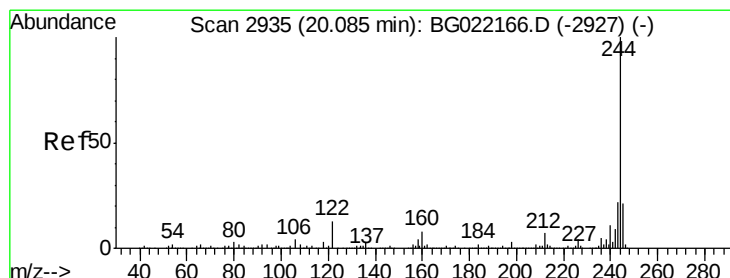
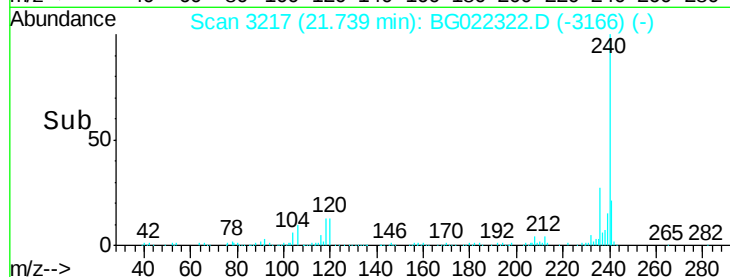
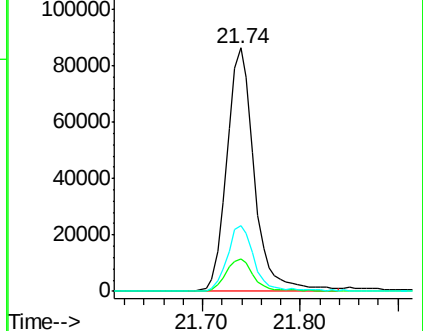
236 27.1 19.6 29.4



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: 95.36 ng

RT: 20.06 min Scan# 2932

Delta R.T. 0.01 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

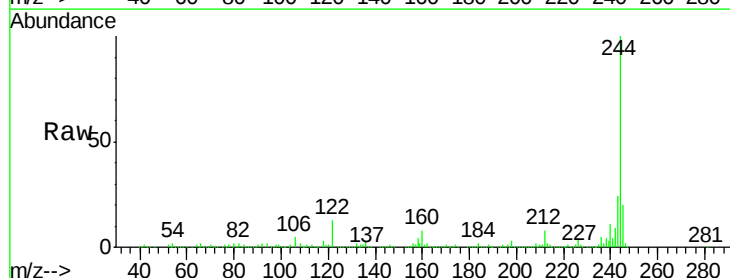
Tgt Ion:244 Resp: 678326

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

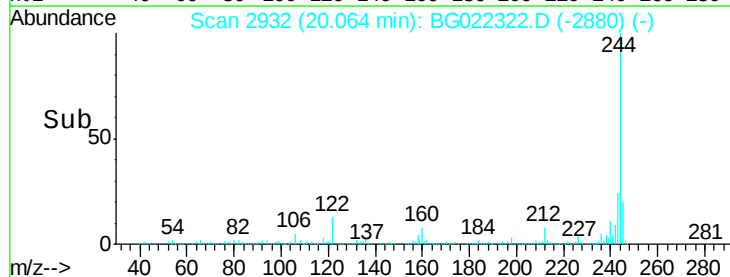
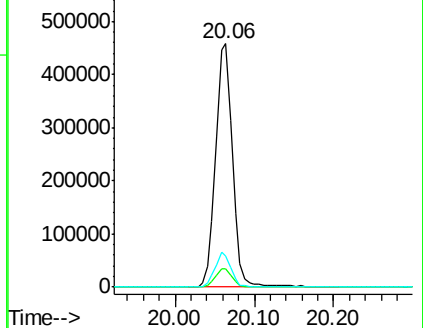
122 13.0 8.6 12.8#

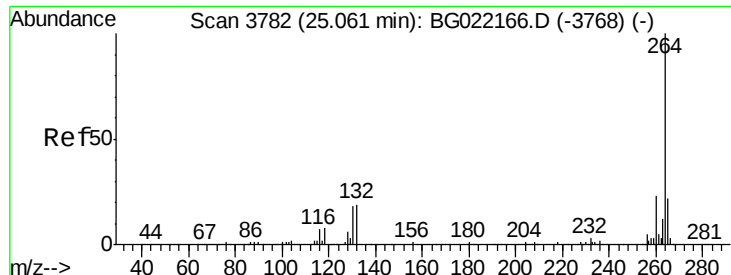


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3774
 Delta R.T. -0.00 min
 Lab File: BG022322.D
 Acq: 13 Jun 2016 12:59

Instrument :
 BNA_G
 ClientSampleId :
 2-VE-PILE-WALL(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.4
265	21.9	17.8	26.8

