

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
 Data File : BG017310.D
 Acq On : 27 May 2015 19:47
 Operator : TP/IZ
 Sample : G2392-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-28

Quant Time: May 28 03:23:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

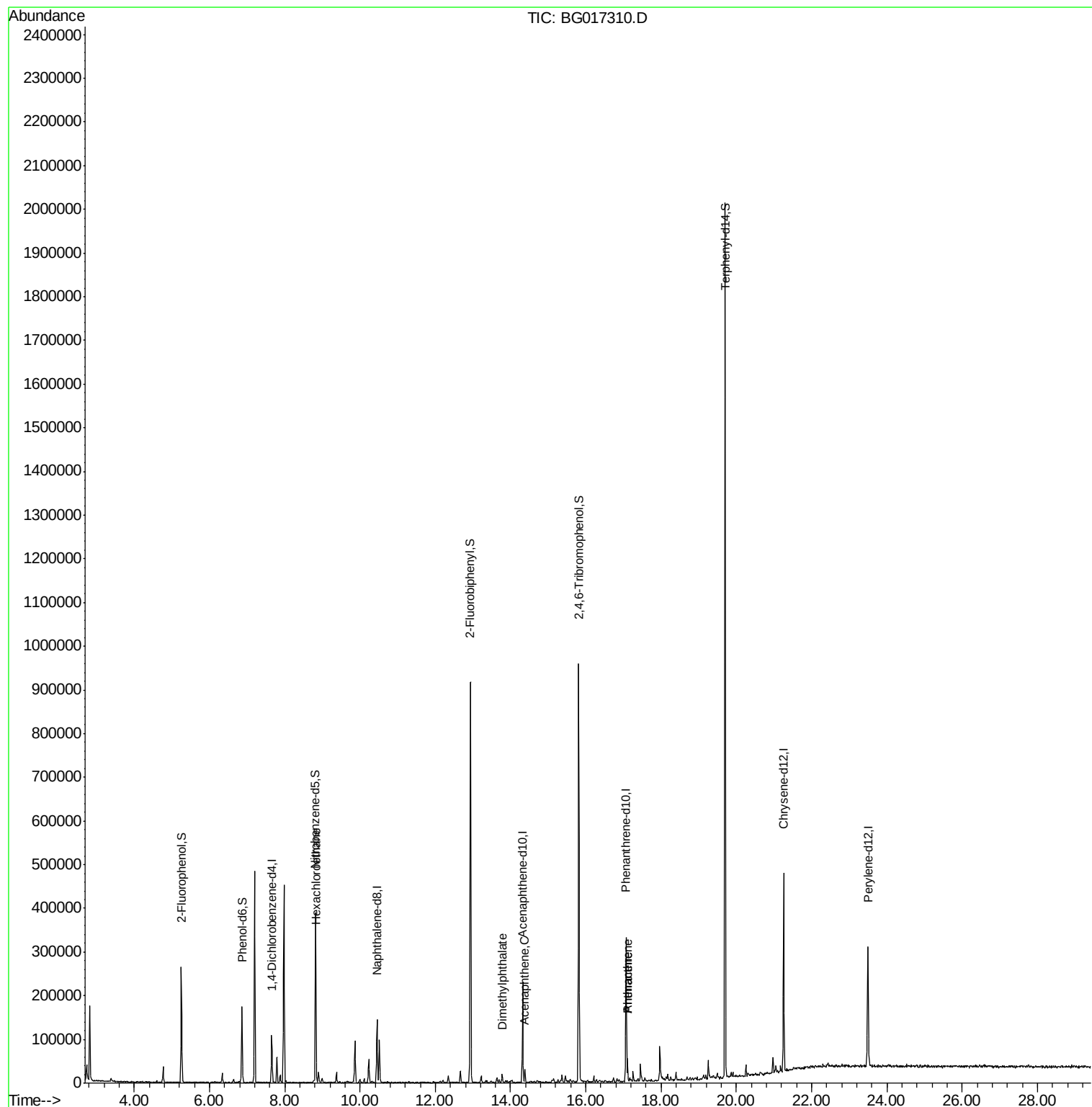
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	24689	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	104543	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	70067	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	174339	20.00	ng	0.00
75) Chrysene-d12	21.25	240	190970	20.00	ng	0.00
86) Perylene-d12	23.50	264	185453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	93356	67.09	ng	0.00
7) Phenol-d6	6.86	99	75021	38.42	ng	0.00
23) Nitrobenzene-d5	8.82	82	196541	87.77	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	136654	161.34	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	431586	90.38	ng	0.00
78) Terphenyl-d14	19.70	244	776893	84.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.80	77	407	Below Cal	Qvalue	# 59
18) Hexachloroethane	8.84	117	1739	2.22 ng	#	1
49) Dimethylphthalate	13.78	163	11517	2.10 ng		96
51) Acenaphthene	14.38	154	9821	2.43 ng		94
70) Phenanthrene	17.10	178	28237	3.14 ng		94
71) Anthracene	17.10	178	28237	3.10 ng		93

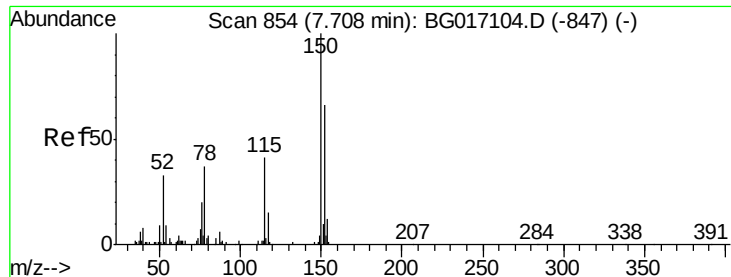
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: May 28 03:23:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 02:22:53 2015
Response via : Initial Calibration



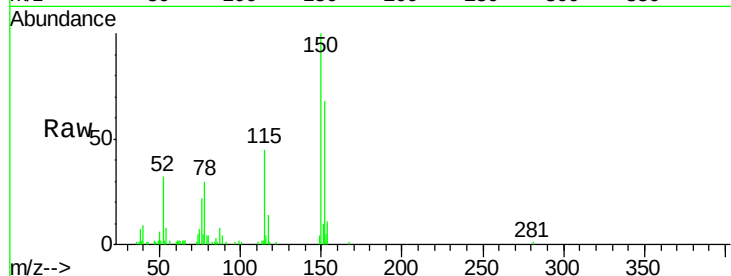


#1

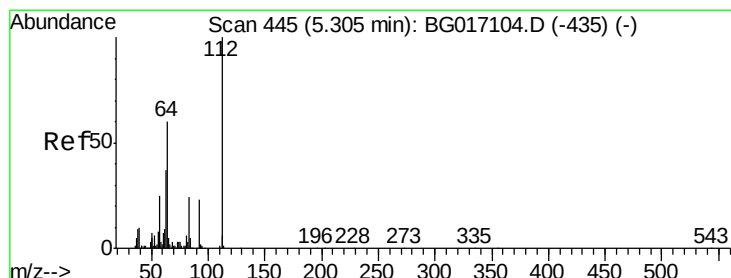
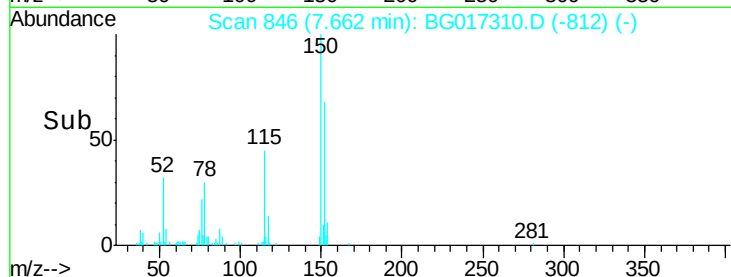
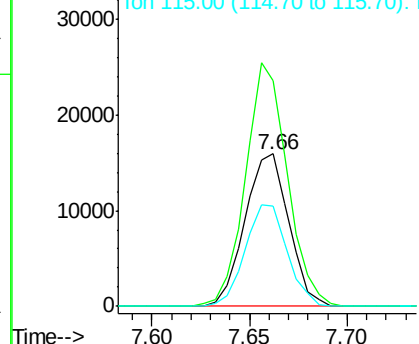
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Instrument :
BNA_G
ClientSampleId :
TW-28

Tgt Ion:152 Resp: 24689
Ion Ratio Lower Upper
152 100
150 147.7 120.8 181.2
115 66.1 49.4 74.2



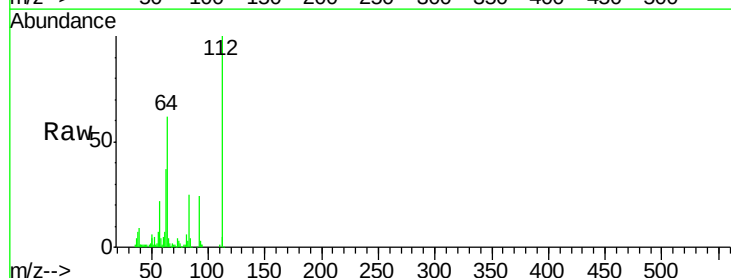
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



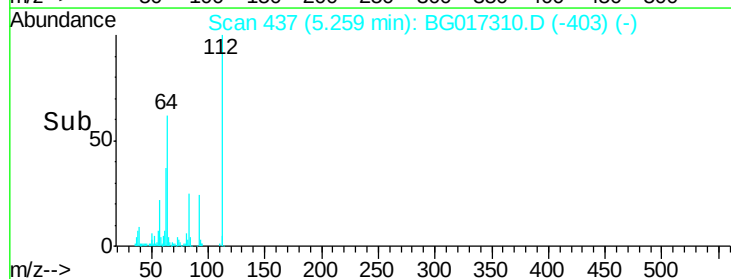
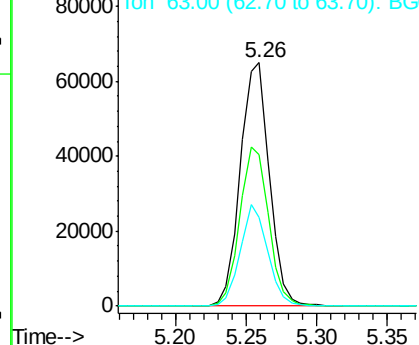
#5

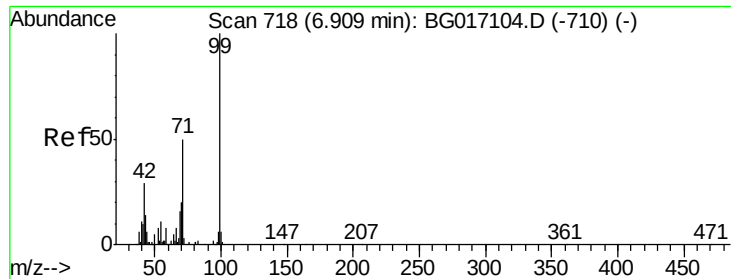
2-Fluorophenol
Concen: 67.09 ng
RT: 5.26 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Tgt Ion:112 Resp: 93356
Ion Ratio Lower Upper
112 100
64 62.0 48.1 72.1
63 36.6 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.42 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampleId :

TW-28

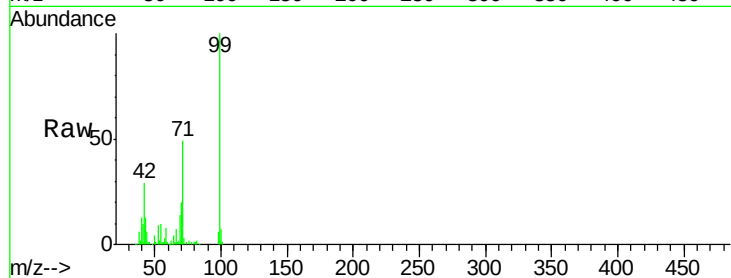
Tgt Ion: 99 Resp: 75021

Ion Ratio Lower Upper

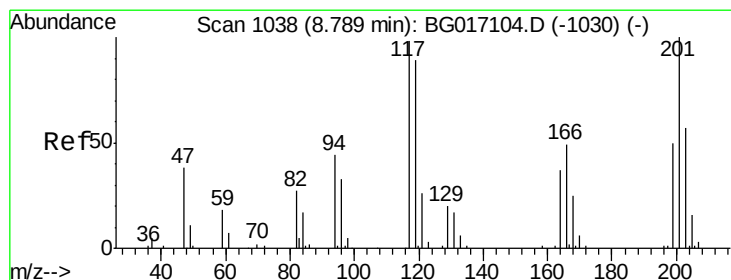
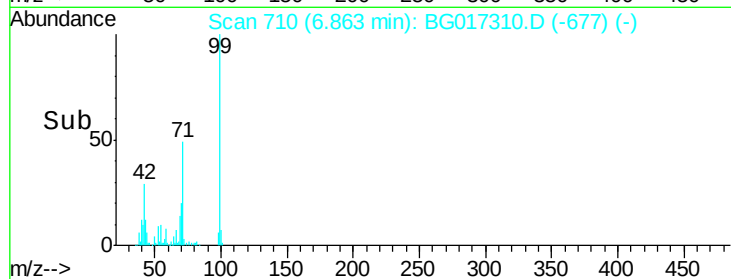
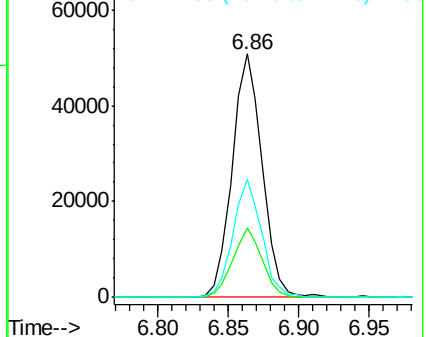
99 100

42 28.7 23.5 35.3

71 48.6 39.8 59.8



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



#18

Hexachloroethane

Concen: 2.22 ng

RT: 8.84 min Scan# 1046

Delta R.T. 0.11 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

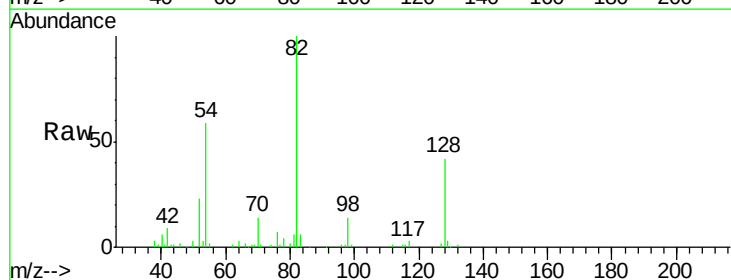
Tgt Ion: 117 Resp: 1739

Ion Ratio Lower Upper

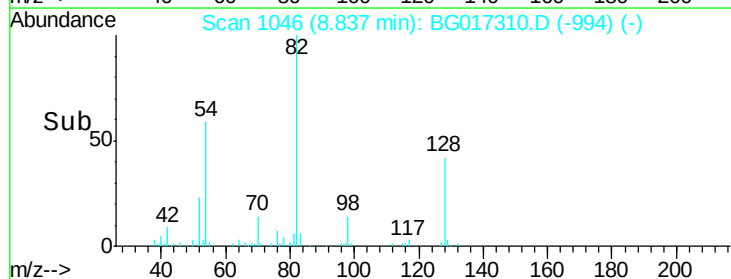
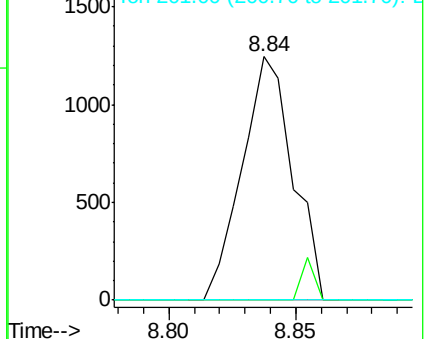
117 100

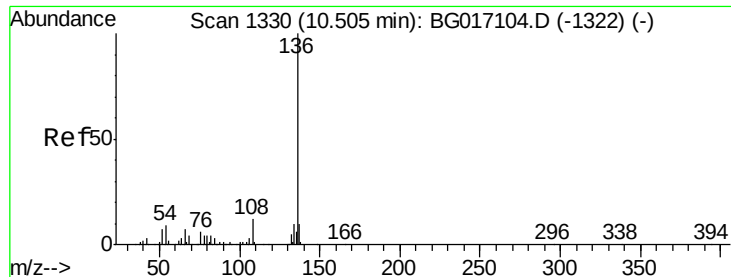
119 0.0 73.0 109.6#

201 0.0 81.7 122.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

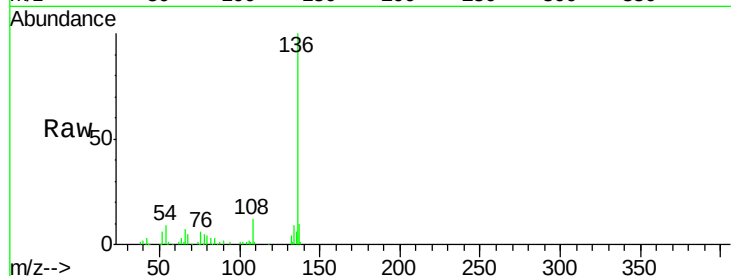




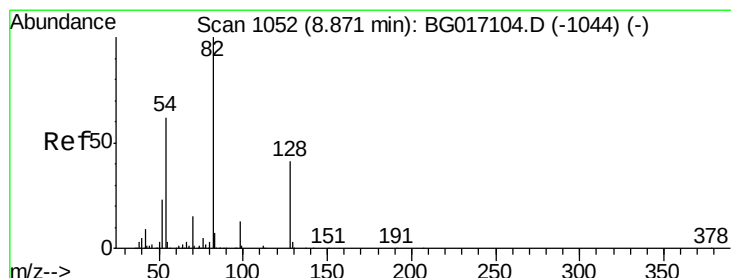
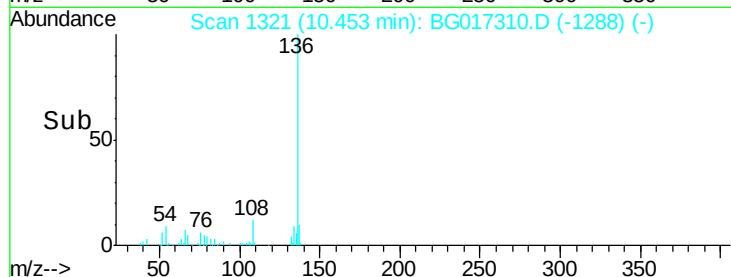
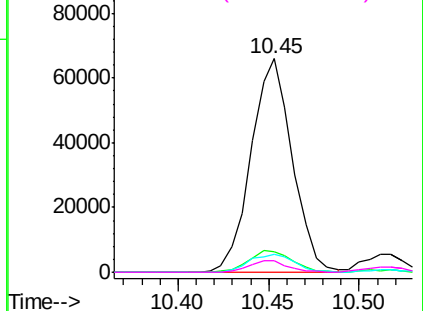
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Instrument :
BNA_G
ClientSampleId :
TW-28

Tgt Ion:	136	Resp:	104543
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.3	12.5
54	8.5	7.4	11.2
68	5.2	3.6	5.4

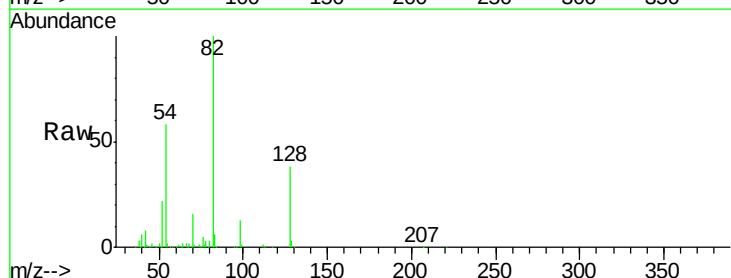


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

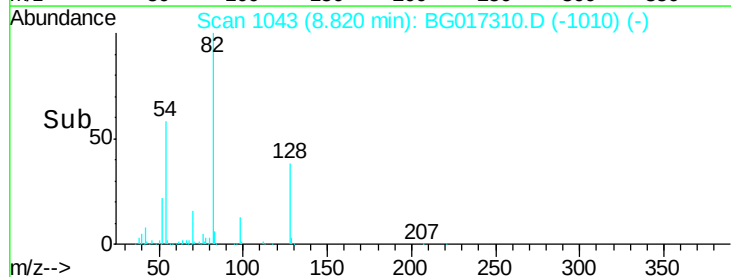
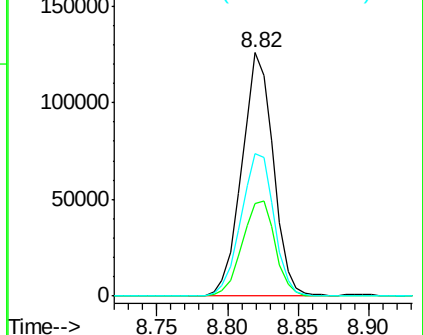


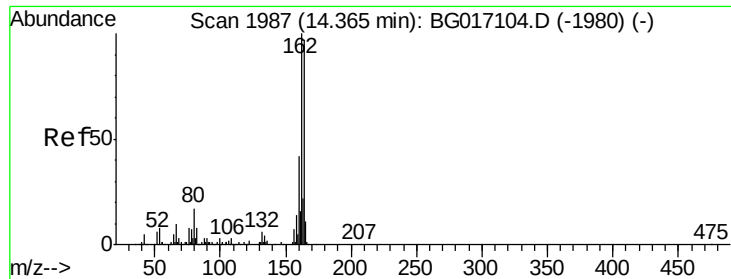
#23
Nitrobenzene-d5
Concen: 87.77 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Tgt Ion:	82	Resp:	196541
Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.6	49.0
54	58.3	49.6	74.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampleId :

TW-28

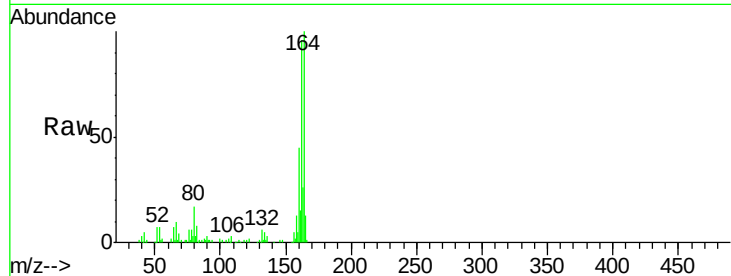
Tgt Ion:164 Resp: 70067

Ion Ratio Lower Upper

164 100

162 95.9 82.1 123.1

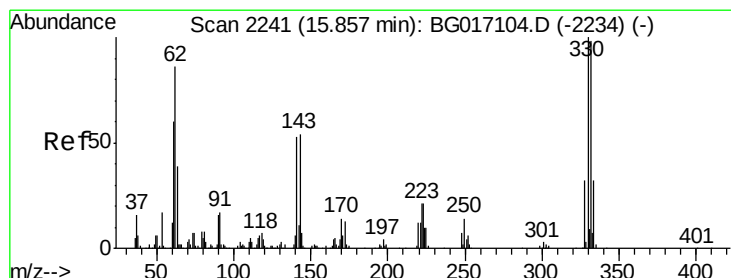
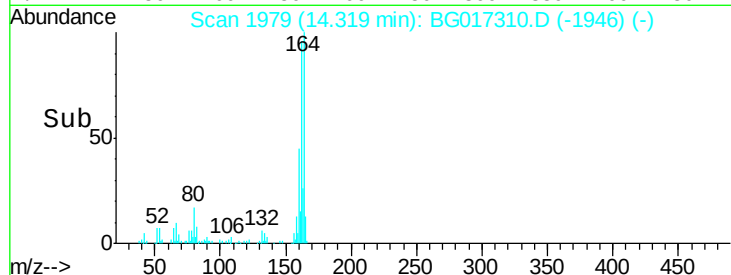
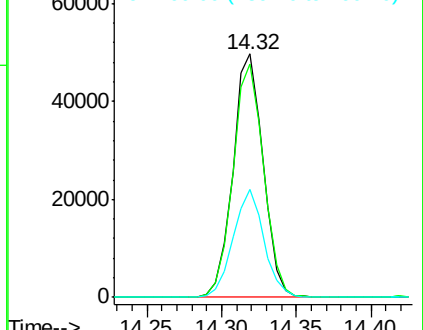
160 44.6 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 161.34 ng

RT: 15.82 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

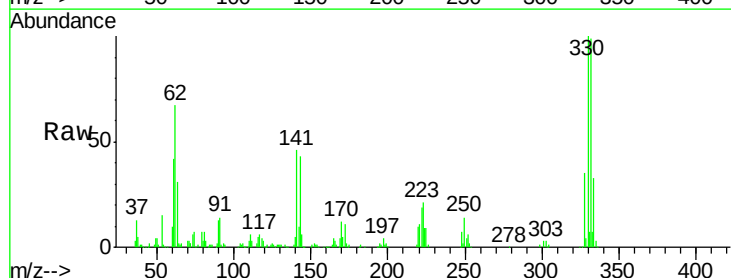
Tgt Ion:330 Resp: 136654

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

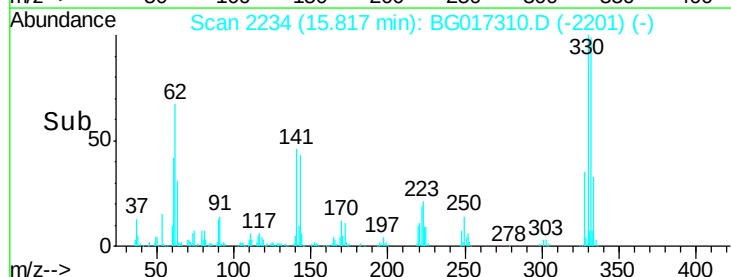
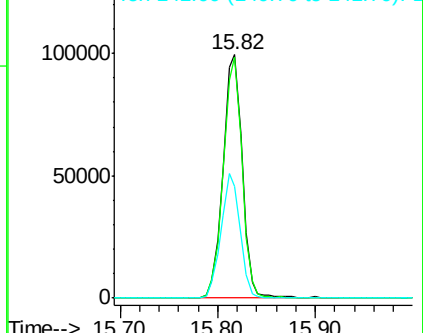
141 50.3 42.2 63.2

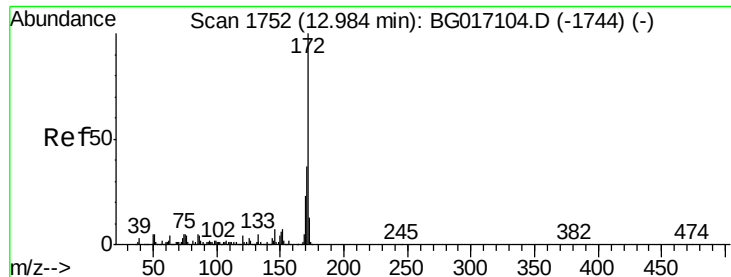


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

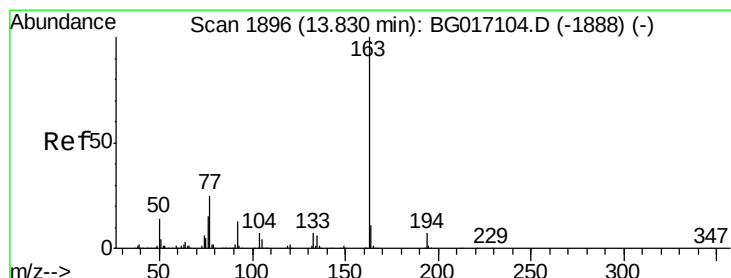
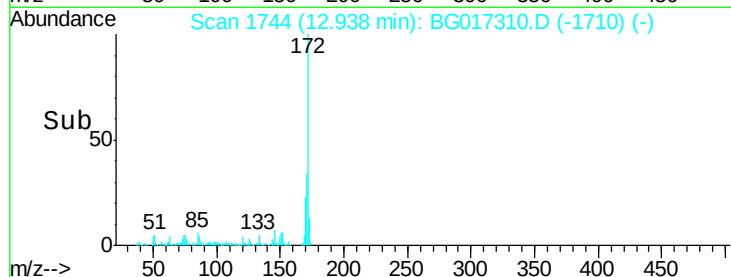
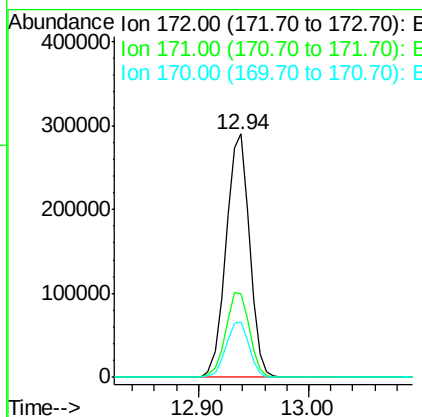
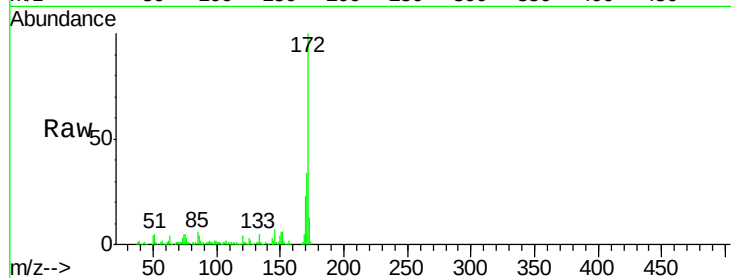




#44
2-Fluorobiphenyl
Concen: 90.38 ng
RT: 12.94 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

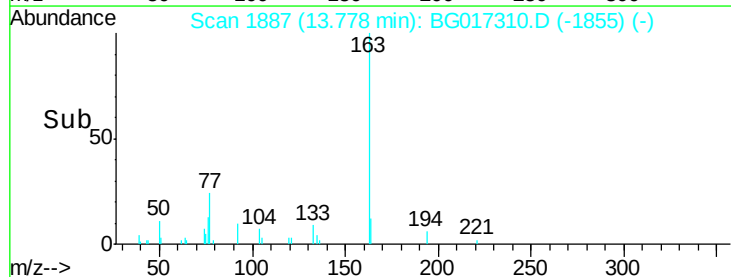
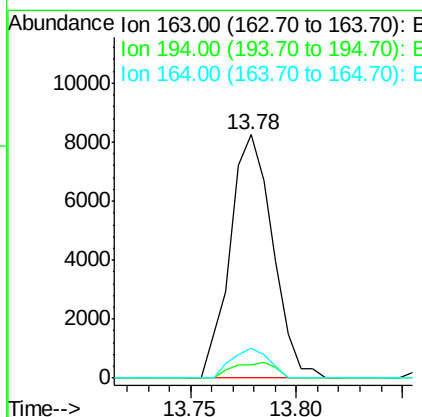
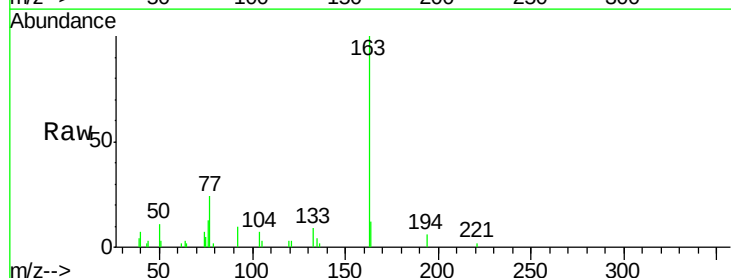
Instrument :
BNA_G
ClientSampleId :
TW-28

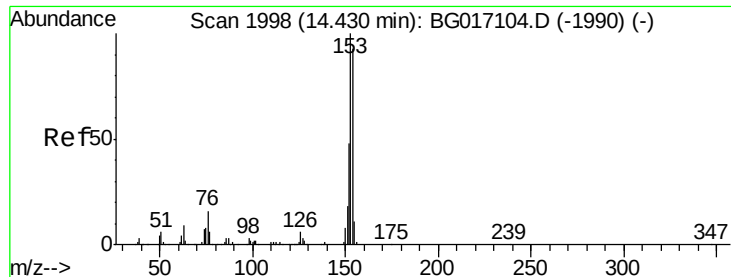
Tgt Ion:172 Resp: 431586
Ion Ratio Lower Upper
172 100
171 34.2 29.7 44.5
170 22.6 18.4 27.6



#49
Dimethylphthalate
Concen: 2.10 ng
RT: 13.78 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Tgt Ion:163 Resp: 11517
Ion Ratio Lower Upper
163 100
194 5.7 5.6 8.4
164 12.5 8.6 13.0





#51

Acenaphthene

Concen: 2.43 ng

RT: 14.38 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampleId :

TW-28

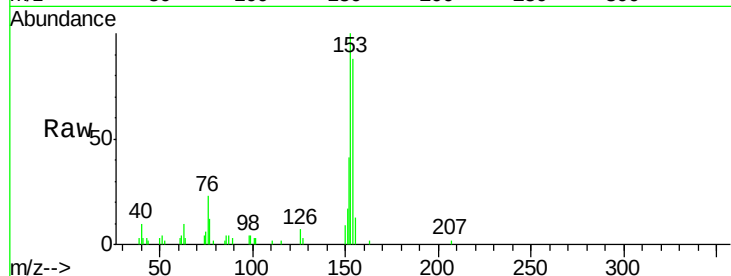
Tgt Ion:154 Resp: 9821

Ion Ratio Lower Upper

154 100

153 113.3 86.2 129.4

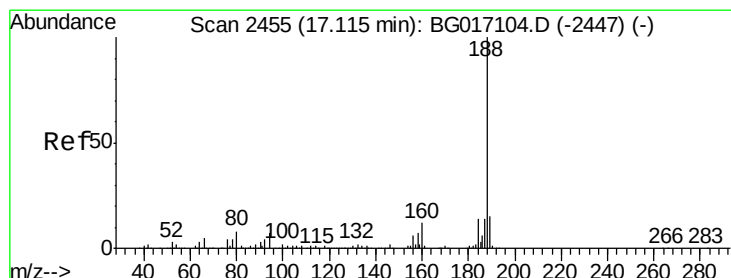
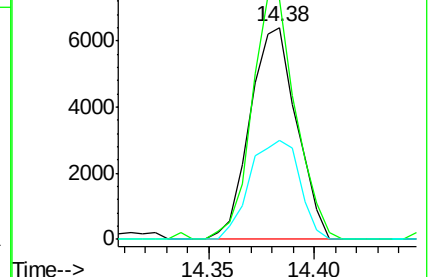
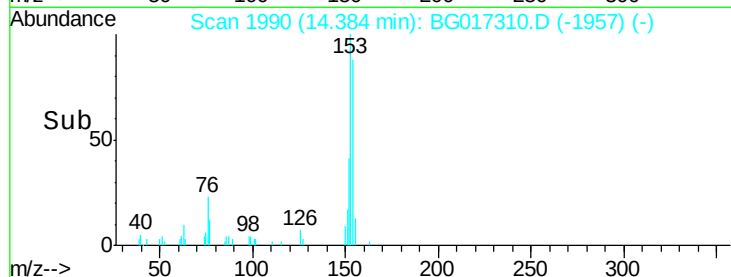
152 46.5 41.5 62.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

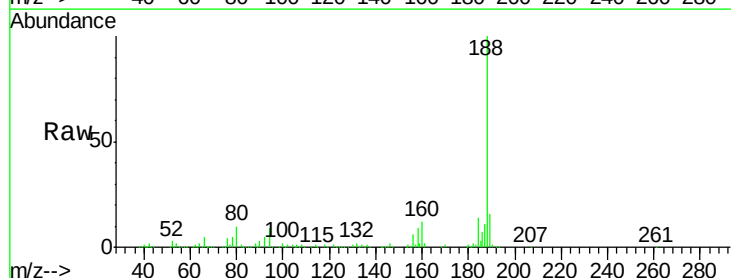
Tgt Ion:188 Resp: 174339

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

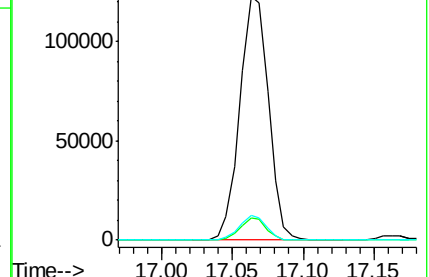
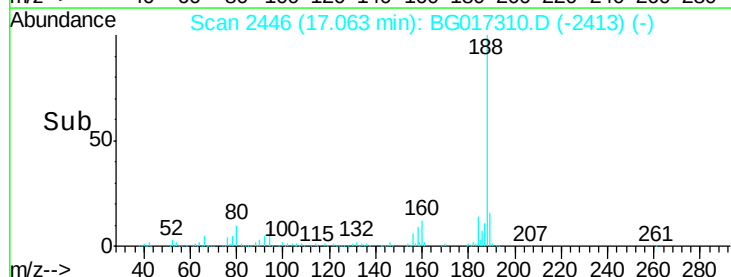
80 10.0 6.5 9.7#

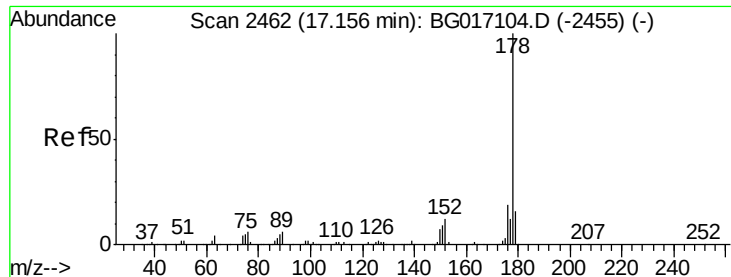


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 3.14 ng

RT: 17.10 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampleId :

TW-28

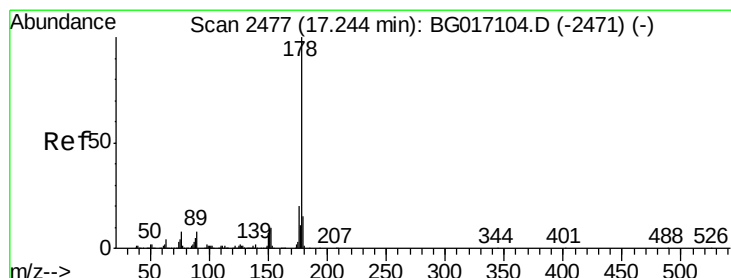
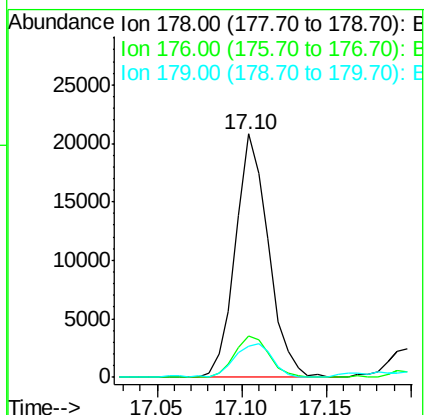
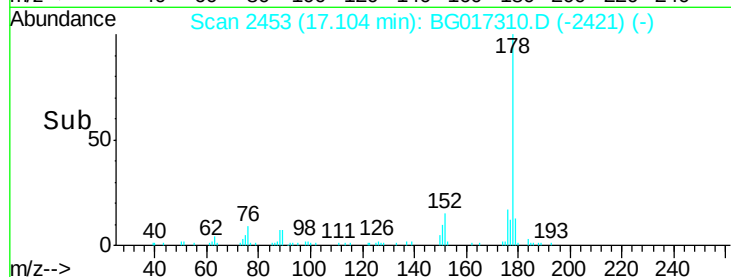
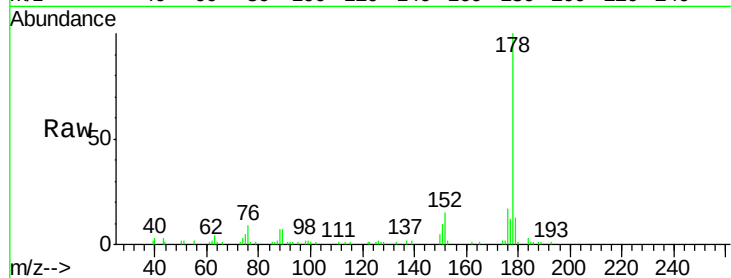
Tgt Ion:178 Resp: 28237

Ion Ratio Lower Upper

178 100

176 17.0 15.4 23.2

179 12.8 12.5 18.7



#71

Anthracene

Concen: 3.10 ng

RT: 17.10 min Scan# 2453

Delta R.T. -0.10 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

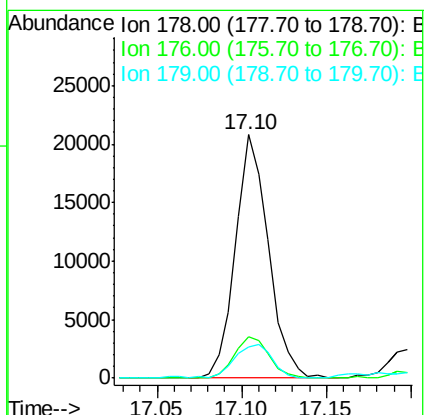
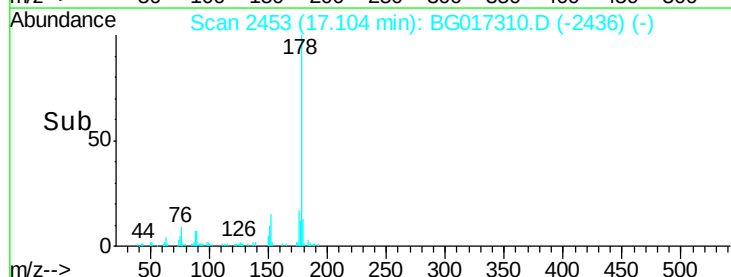
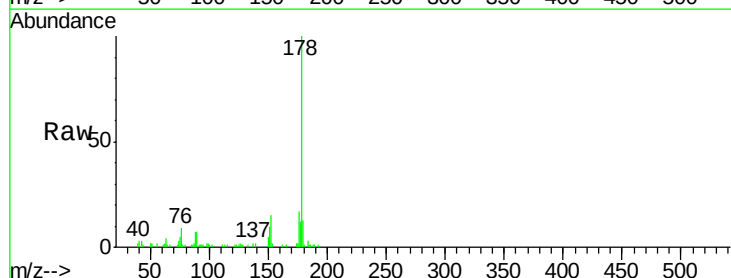
Tgt Ion:178 Resp: 28237

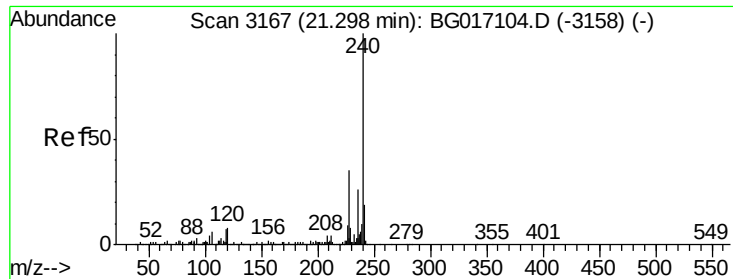
Ion Ratio Lower Upper

178 100

176 17.0 16.3 24.5

179 12.8 12.1 18.1

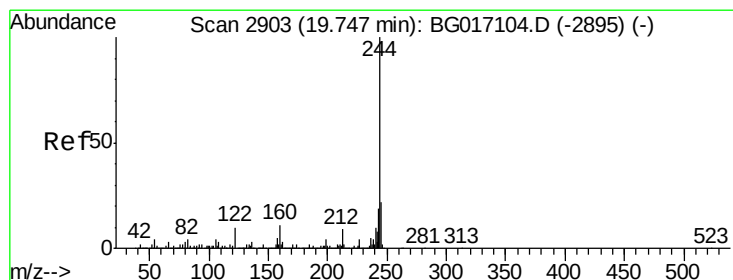
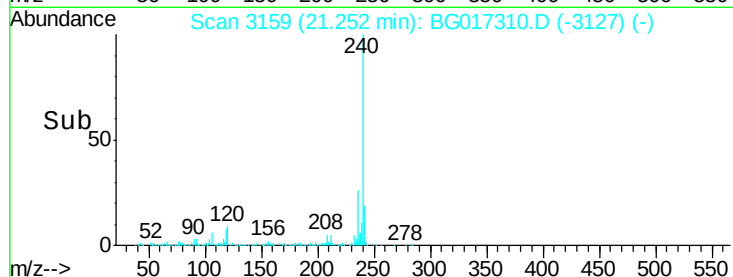
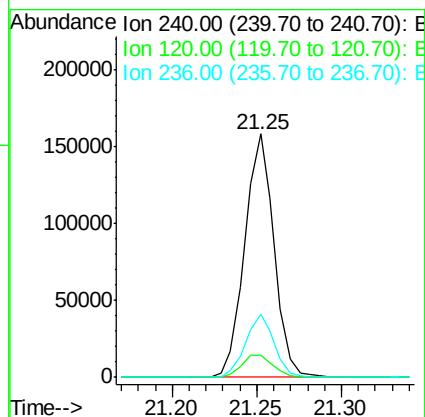
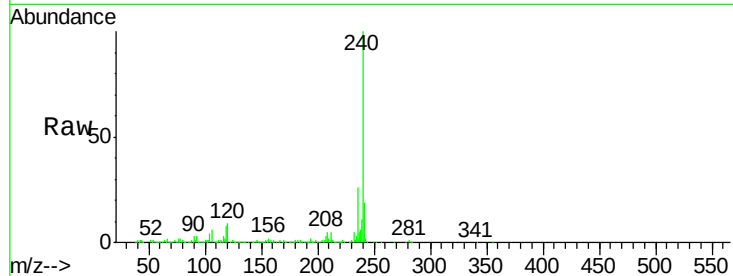




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

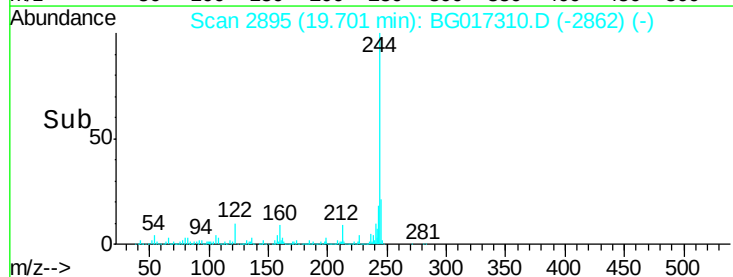
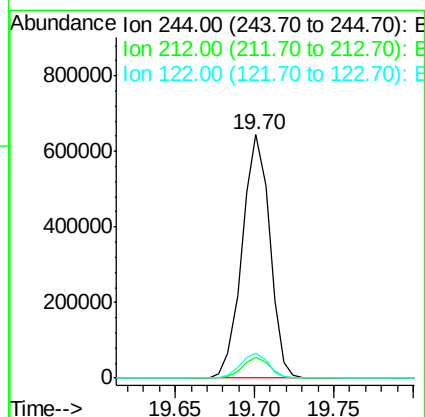
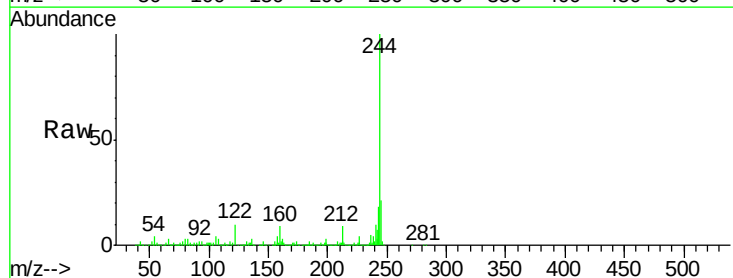
Instrument :
BNA_G
ClientSampleId :
TW-28

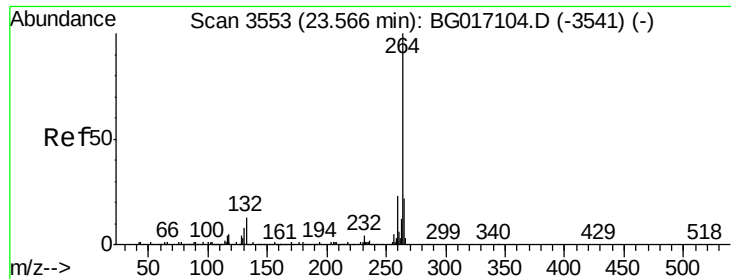
Tgt Ion:240 Resp: 190970
Ion Ratio Lower Upper
240 100
120 9.3 6.0 9.0#
236 25.9 20.5 30.7



#78
Terphenyl-d14
Concen: 84.78 ng
RT: 19.70 min Scan# 2895
Delta R.T. -0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Tgt Ion:244 Resp: 776893
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.4
122 10.0 8.4 12.6

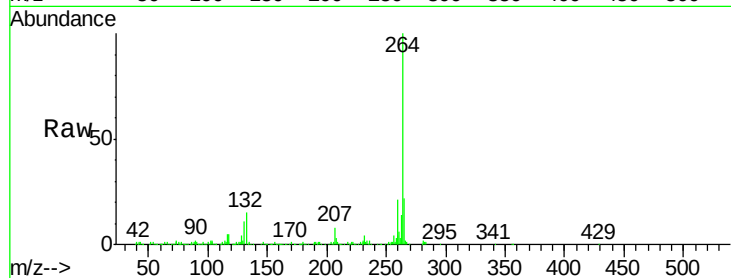




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Instrument :
BNA_G
ClientSampleId :
TW-28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.0	27.0
265	22.1	17.4	26.0



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

