

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017130.D
 Acq On : 14 May 2015 5:01
 Operator : TP/IZ
 Sample : G2173-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-56

Quant Time: May 14 07:13:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:13:40 2015
 Response via : Initial Calibration

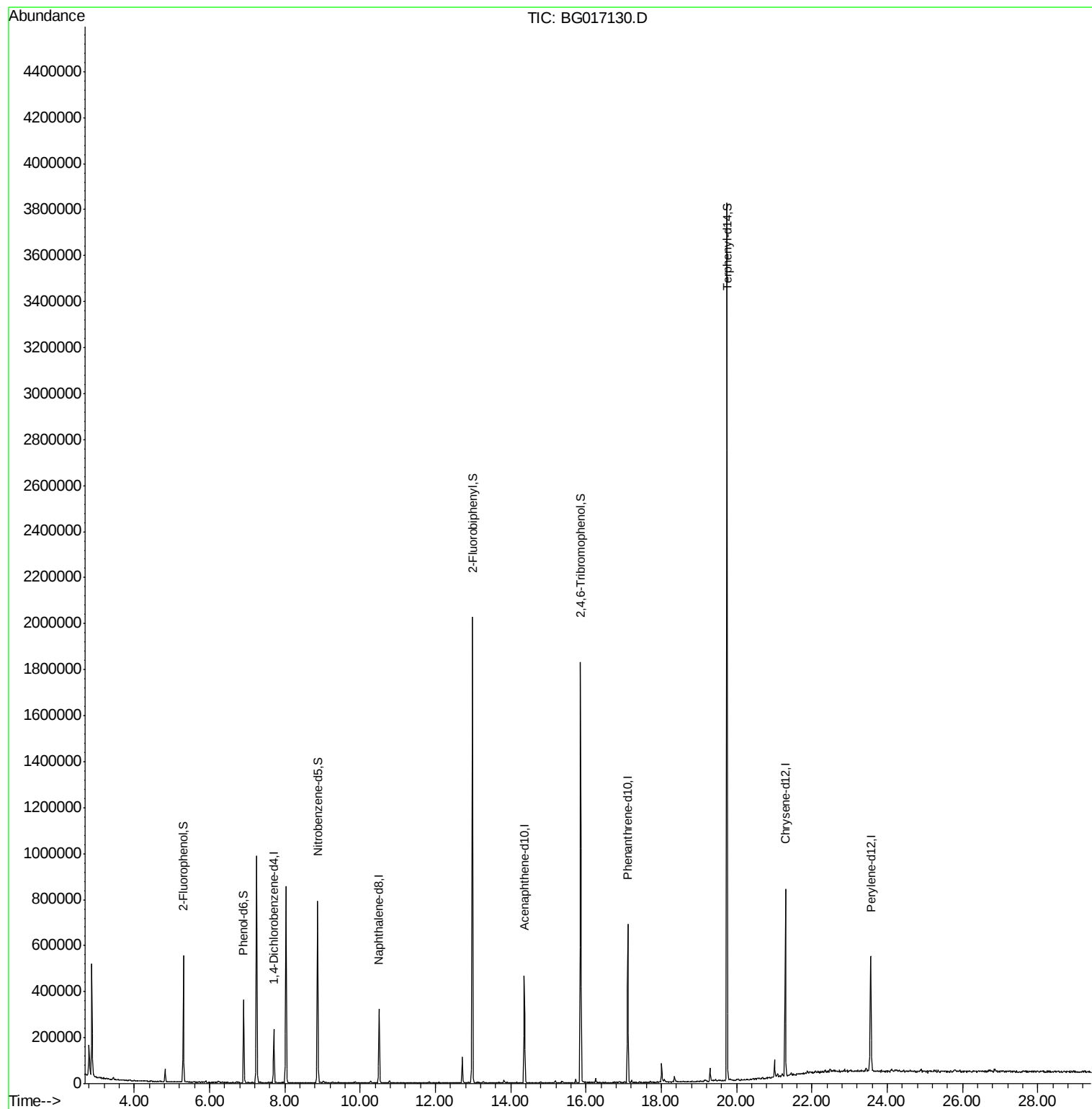
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	51993	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	223527	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	150087	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	357121	20.00	ng	0.00
75) Chrysene-d12	21.29	240	350541	20.00	ng	0.00
86) Perylene-d12	23.56	264	346111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	189134	64.54	ng	0.00
7) Phenol-d6	6.91	99	160776	39.10	ng	0.00
23) Nitrobenzene-d5	8.87	82	399786	83.50	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	251013	138.35	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	853420	83.44	ng	0.00
78) Terphenyl-d14	19.74	244	1416260	84.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	64	Below Cal	Qvalue #	6

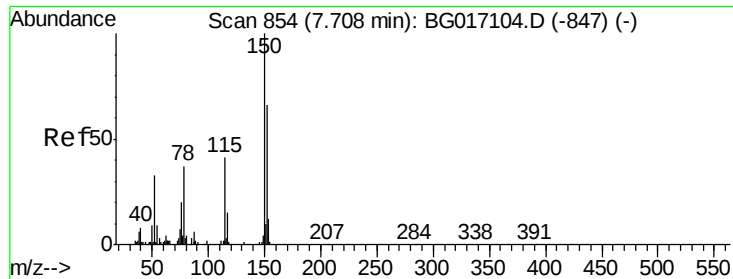
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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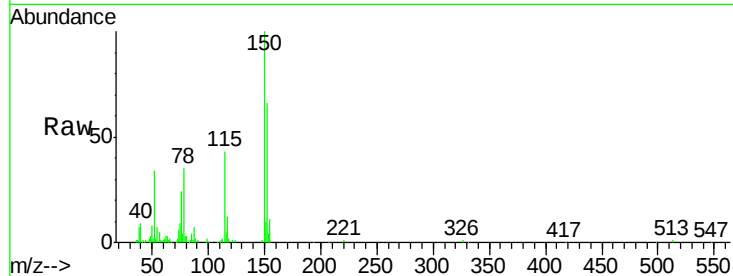


#1

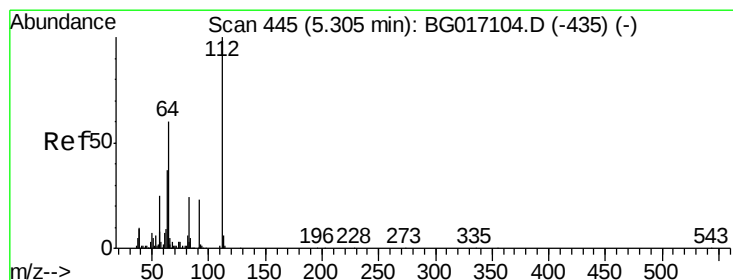
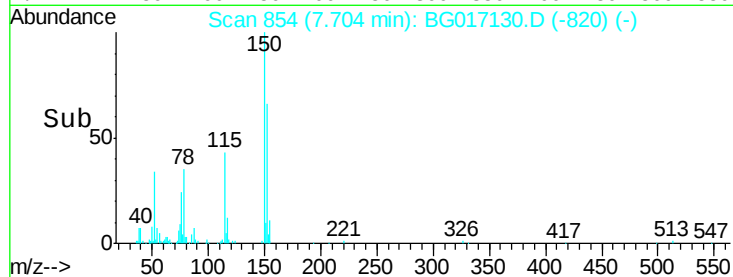
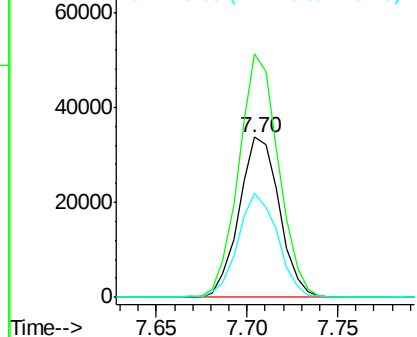
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017130.D
Acq: 14 May 2015 5:01

Instrument :
BNA_G
ClientSampleId :
TW-56

Tgt Ion:152 Resp: 51993
Ion Ratio Lower Upper
152 100
150 152.1 120.8 181.2
115 64.7 49.4 74.2



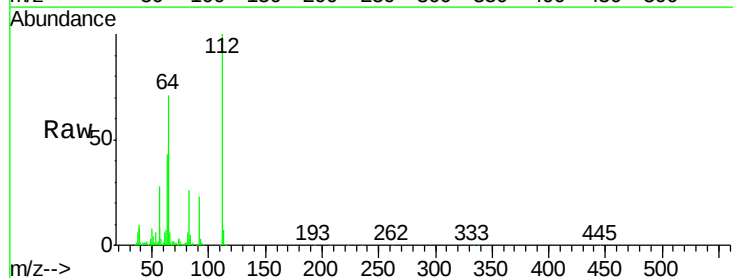
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



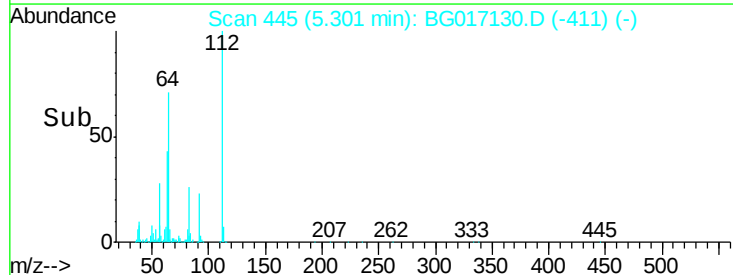
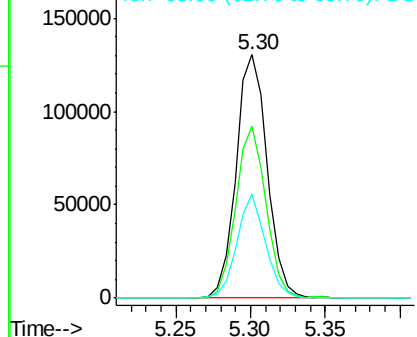
#5

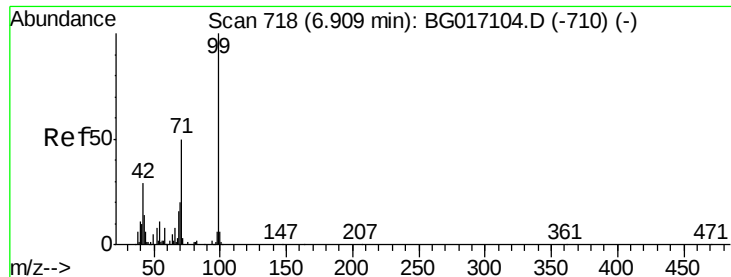
2-Fluorophenol
Concen: 64.54 ng
RT: 5.30 min Scan# 445
Delta R.T. -0.00 min
Lab File: BG017130.D
Acq: 14 May 2015 5:01

Tgt Ion:112 Resp: 189134
Ion Ratio Lower Upper
112 100
64 70.7 48.1 72.1
63 42.9 29.8 44.8



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





#7

Phenol-d6

Concen: 39.10 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Instrument :

BNA_G

ClientSampled :

TW-56

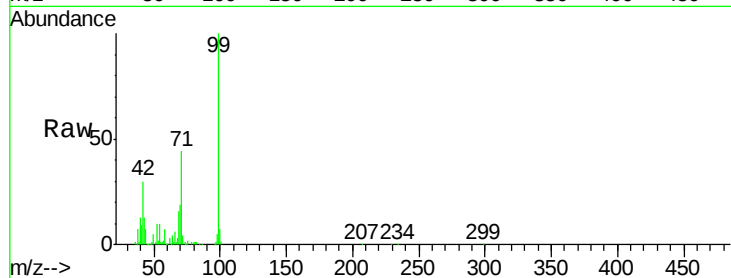
Tgt Ion: 99 Resp: 160776

Ion Ratio Lower Upper

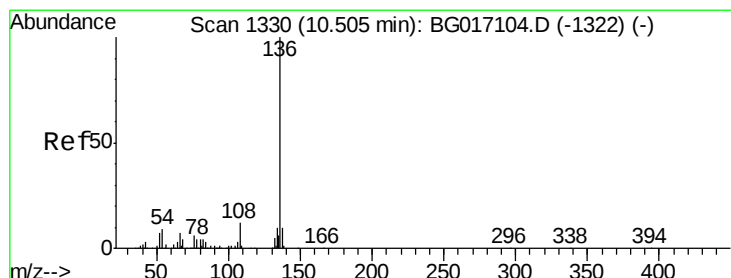
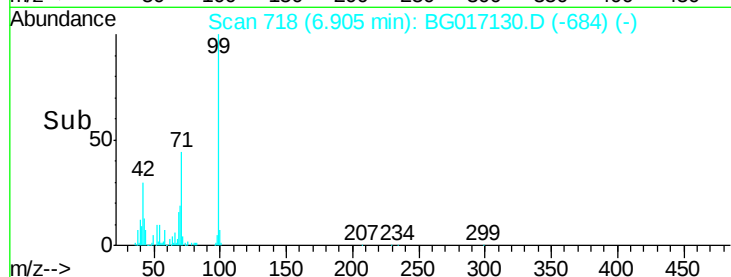
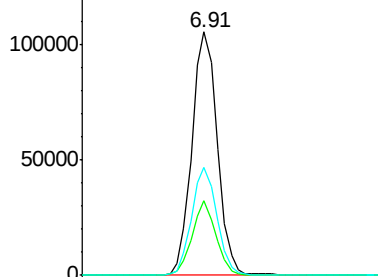
99 100

42 30.4 23.5 35.3

71 44.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Tgt Ion: 136 Resp: 223527

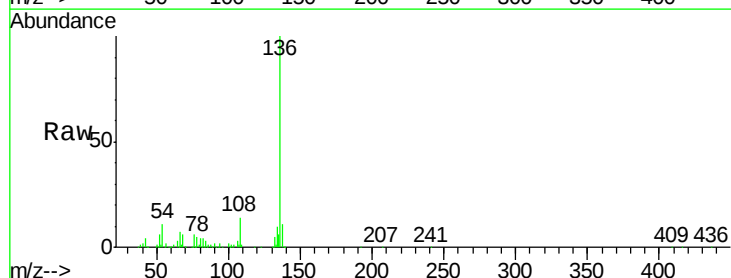
Ion Ratio Lower Upper

136 100

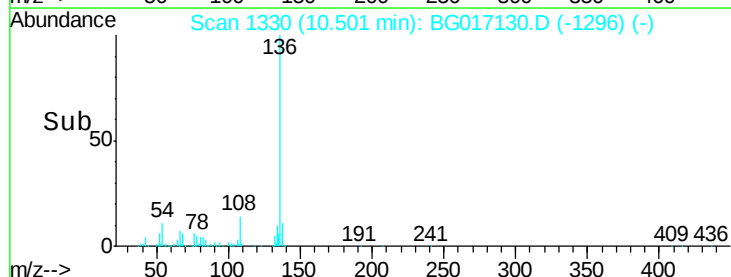
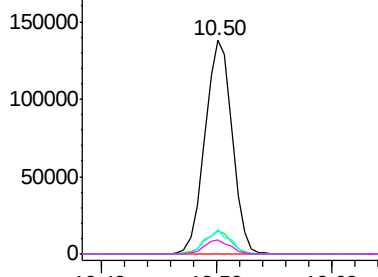
137 10.8 8.3 12.5

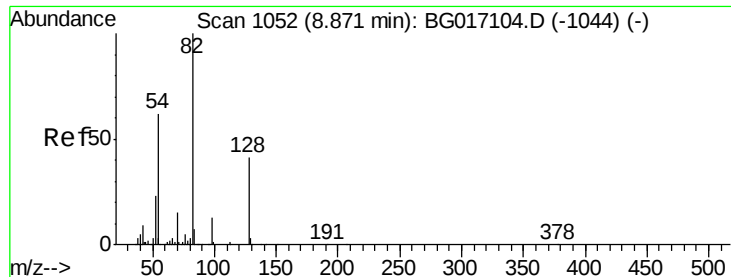
54 11.1 7.4 11.2

68 6.5 3.6 5.4#



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

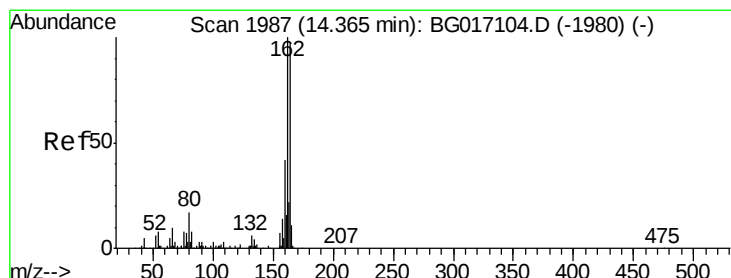
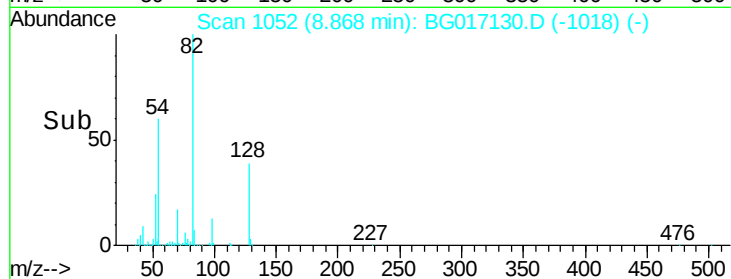
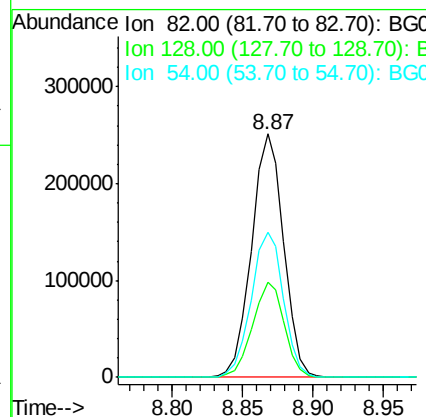
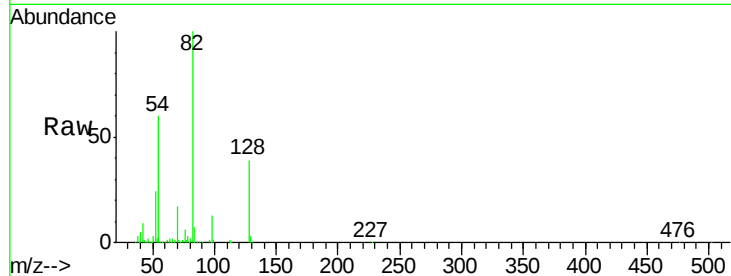




#23
 Nitrobenzene-d5
 Concen: 83.50 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017130.D
 Acq: 14 May 2015 5:01

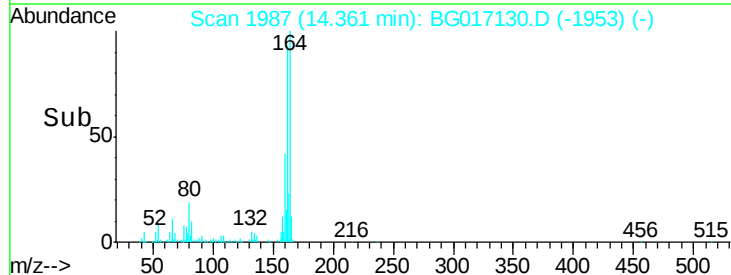
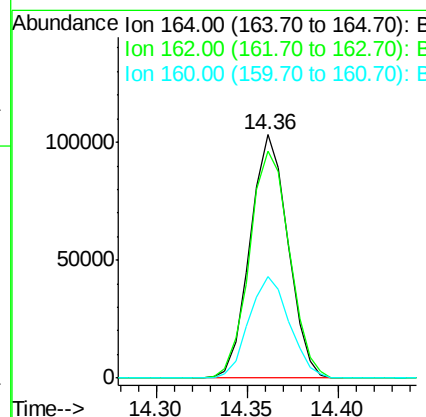
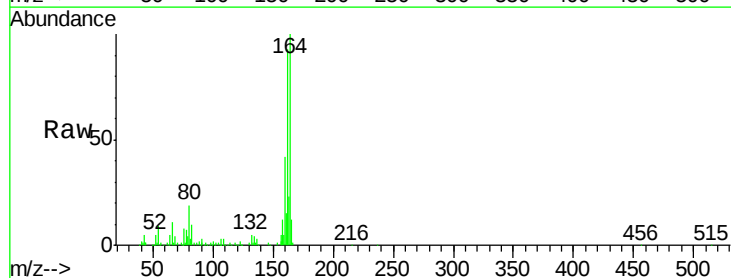
Instrument :
 BNA_G
 ClientSampleId :
 TW-56

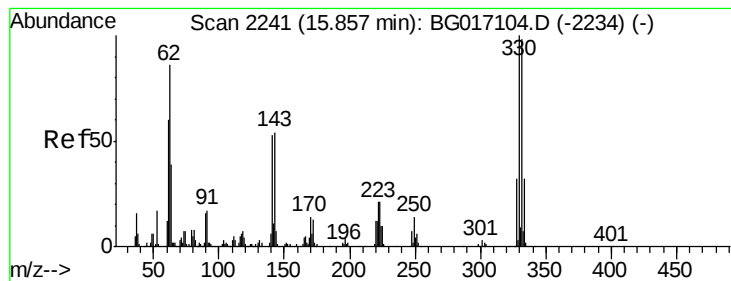
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.6	49.0
54	59.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017130.D
 Acq: 14 May 2015 5:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.1	82.1	123.1
160	41.6	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 138.35 ng

RT: 15.86 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Instrument :

BNA_G

ClientSampled :

TW-56

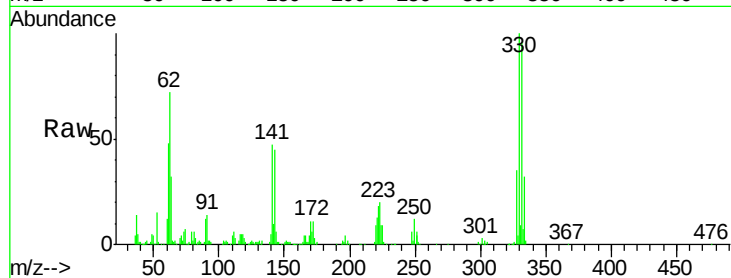
Tgt Ion:330 Resp: 251013

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

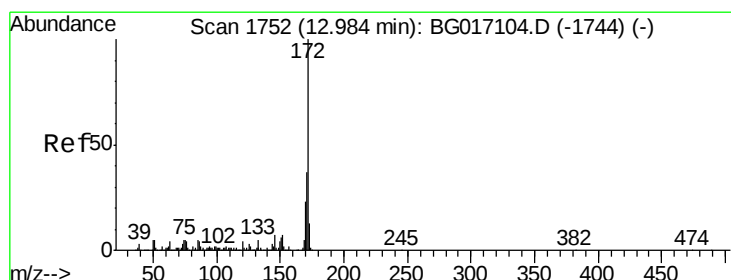
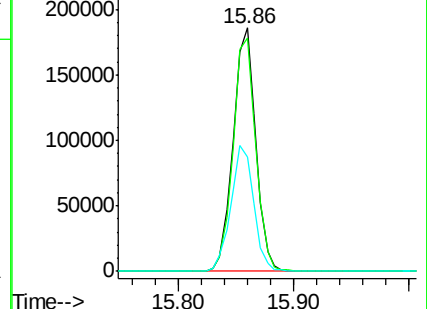
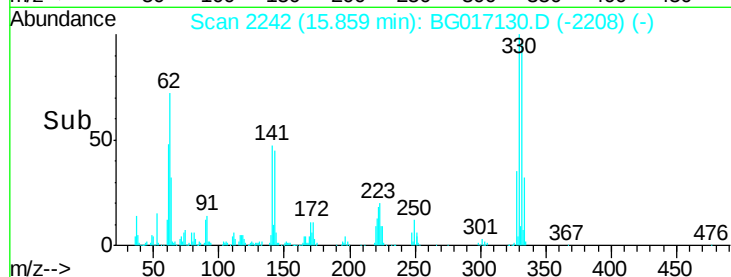
141 52.5 42.2 63.2



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: 83.44 ng

RT: 12.98 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

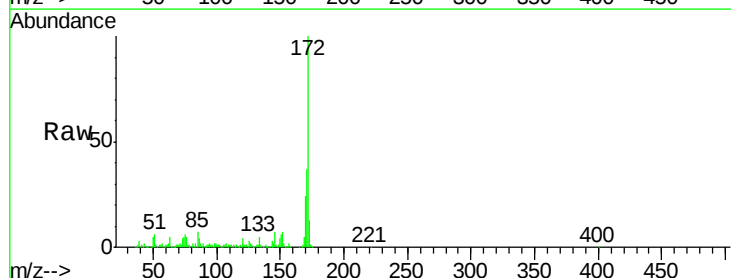
Tgt Ion:172 Resp: 853420

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

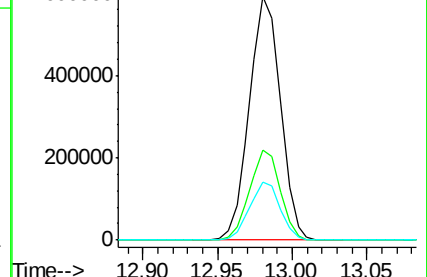
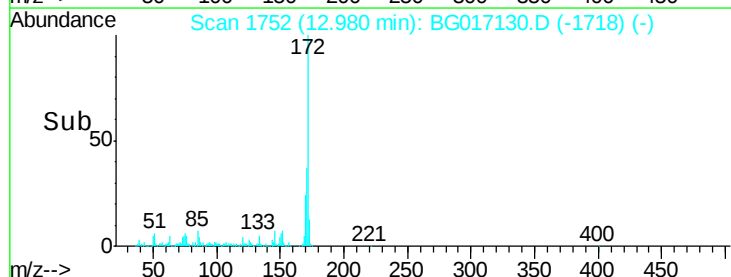
170 23.9 18.4 27.6

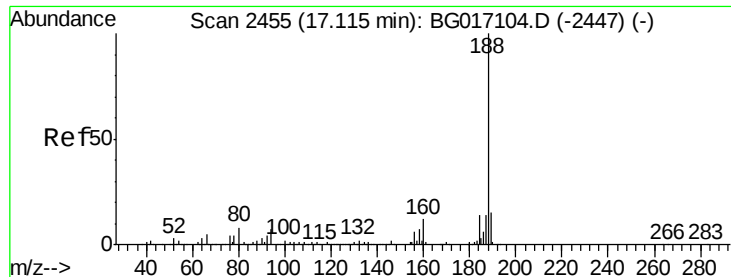


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

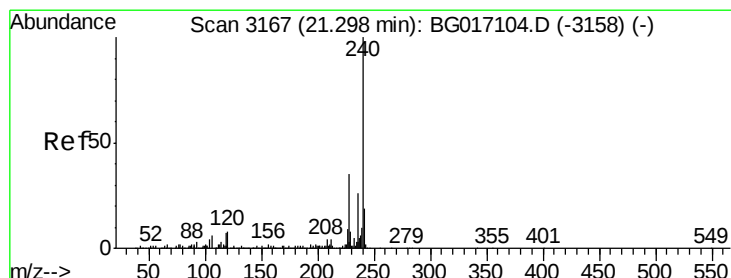
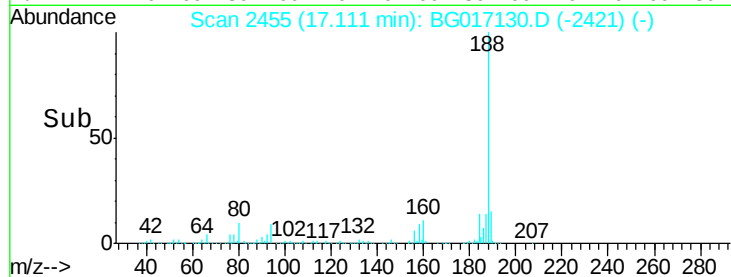
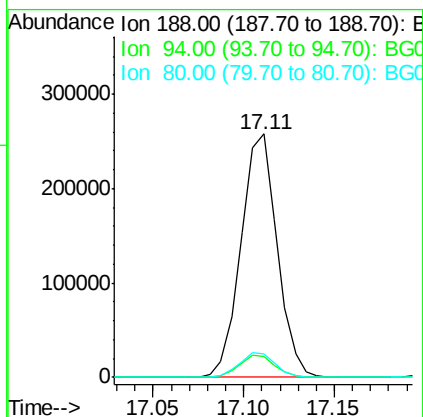
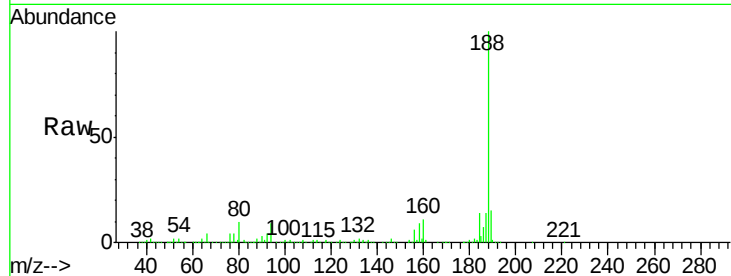




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG017130.D
Acq: 14 May 2015 5:01

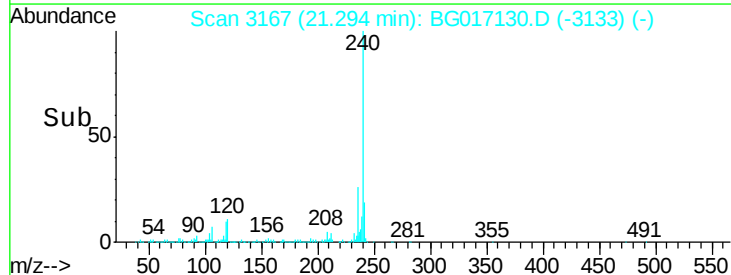
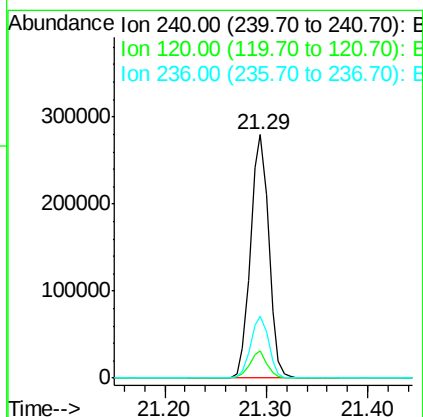
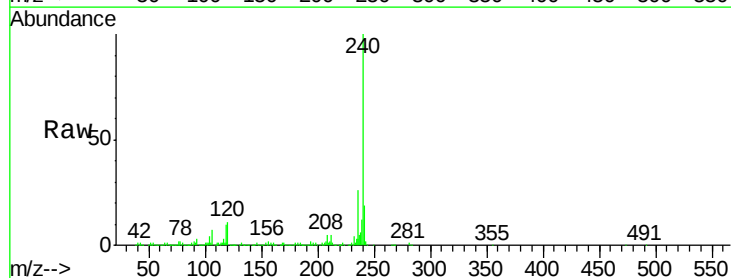
Instrument :
BNA_G
ClientSampleId :
TW-56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.8	8.6#
80	9.6	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017130.D
Acq: 14 May 2015 5:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.0	9.0#
236	25.5	20.5	30.7





#78

Terphenyl-d14

Concen: 84.19 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Instrument :

BNA_G

ClientSampleId :

TW-56

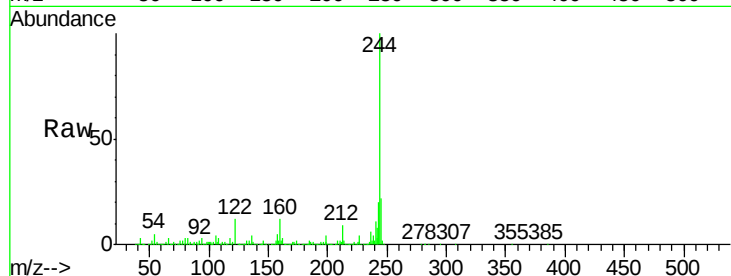
Tgt Ion:244 Resp: 1416260

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

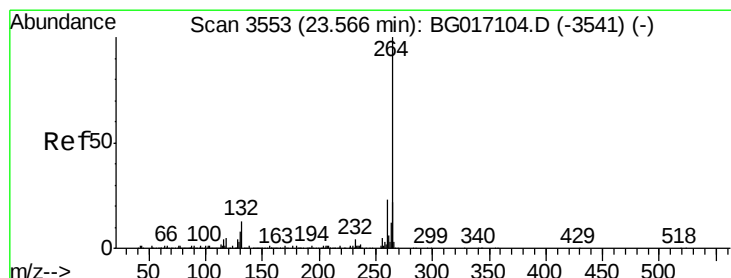
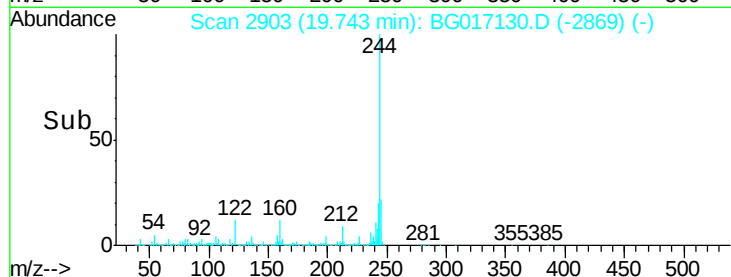
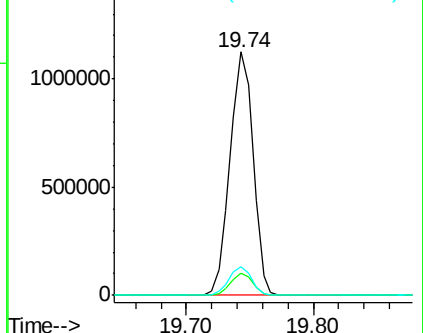
122 11.7 8.4 12.6



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: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

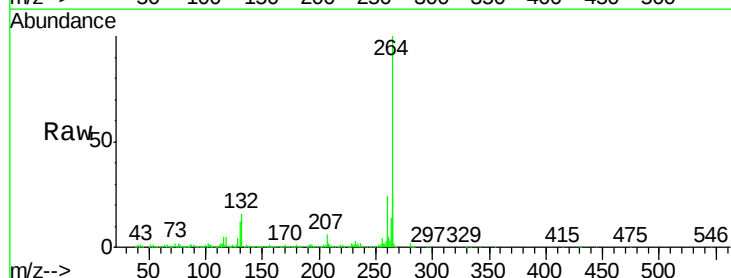
Tgt Ion:264 Resp: 346111

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 22.8 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

