

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017235.D
 Acq On : 21 May 2015 5:29
 Operator : TP/IZ
 Sample : G2273-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-D1

Quant Time: May 21 06:35:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

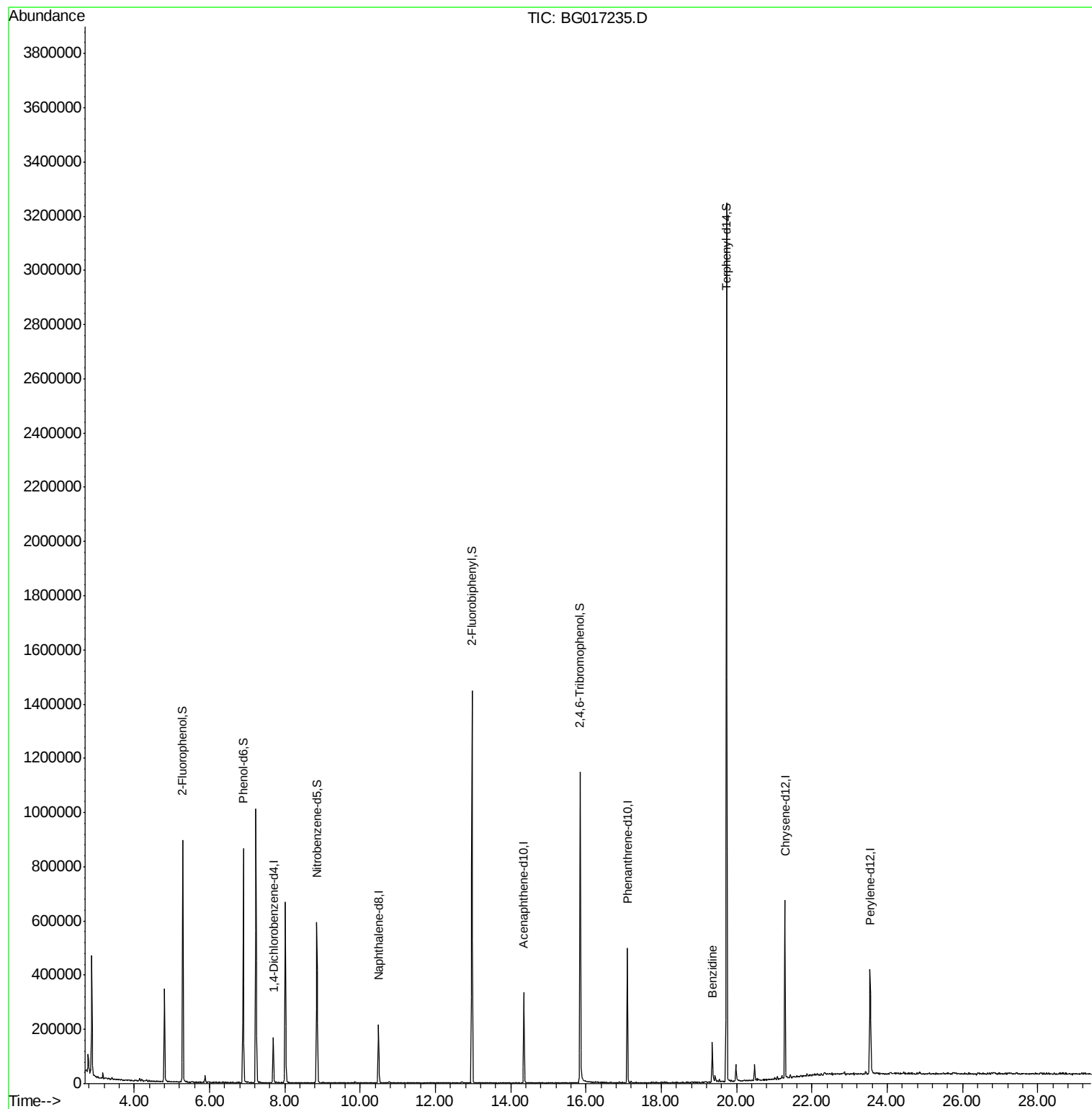
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37425	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	154495	20.00	ng	-0.01
38) Acenaphthene-d10	14.35	164	101899	20.00	ng	-0.01
63) Phenanthrene-d10	17.10	188	248852	20.00	ng	-0.01
75) Chrysene-d12	21.28	240	284035	20.00	ng	-0.01
86) Perylene-d12	23.55	264	279819	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	312229	148.02	ng	-0.01
7) Phenol-d6	6.89	99	377667	127.58	ng	-0.01
23) Nitrobenzene-d5	8.85	82	312028	94.29	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	176478	143.27	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	629120	90.59	ng	-0.01
78) Terphenyl-d14	19.74	244	1243107	91.20	ng	0.00
Target Compounds						
76) Benzidine	19.36	184	88497	9.54	ng	Qvalue 96

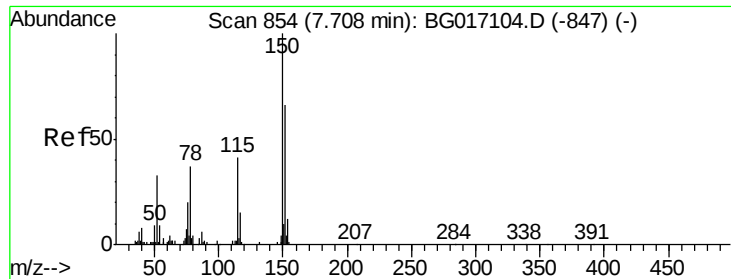
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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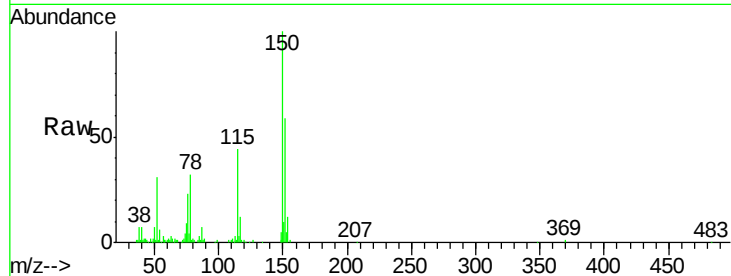


#1

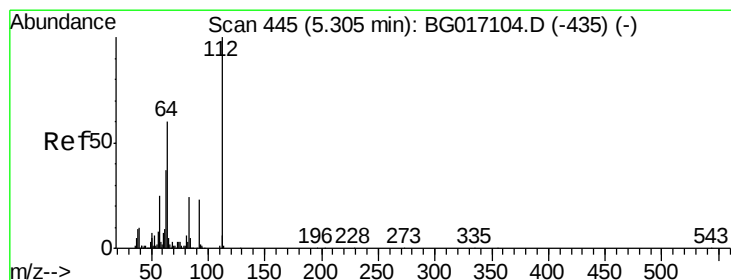
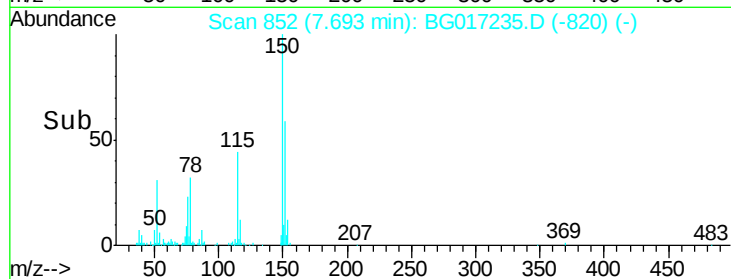
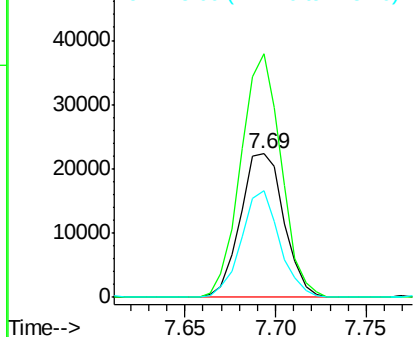
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Instrument :
BNA_G
ClientSampleId :
WC-05-D1

Tgt Ion:152 Resp: 37425
Ion Ratio Lower Upper
152 100
150 169.4 120.8 181.2
115 74.4 49.4 74.2#



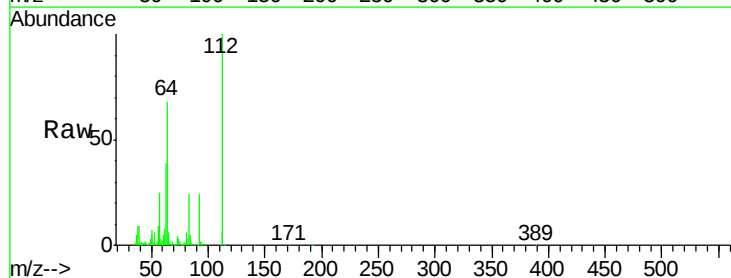
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



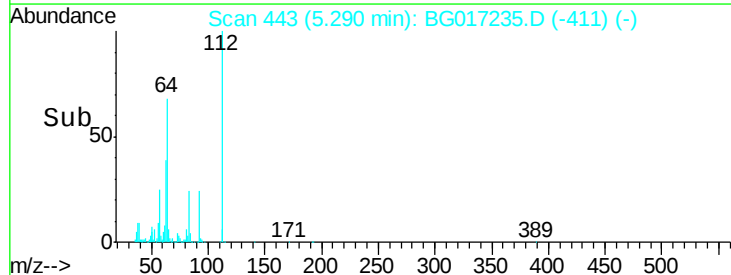
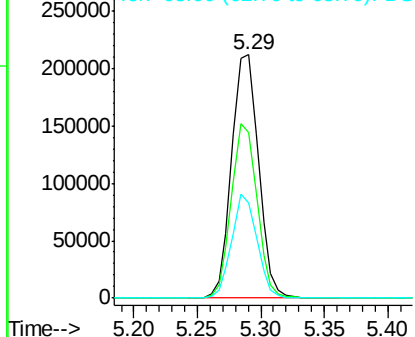
#5

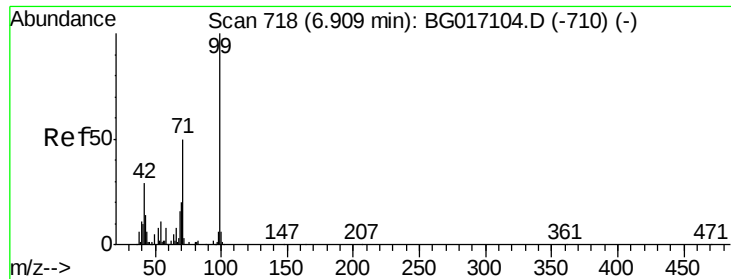
2-Fluorophenol
Concen: 148.02 ng
RT: 5.29 min Scan# 443
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Tgt Ion:112 Resp: 312229
Ion Ratio Lower Upper
112 100
64 67.8 48.1 72.1
63 39.2 29.8 44.8



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: 127.58 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

Instrument :

BNA_G

ClientSampleId :

WC-05-D1

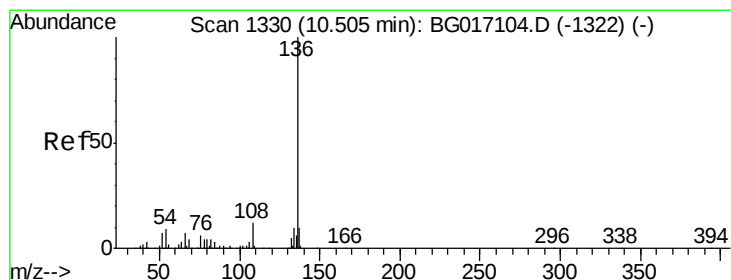
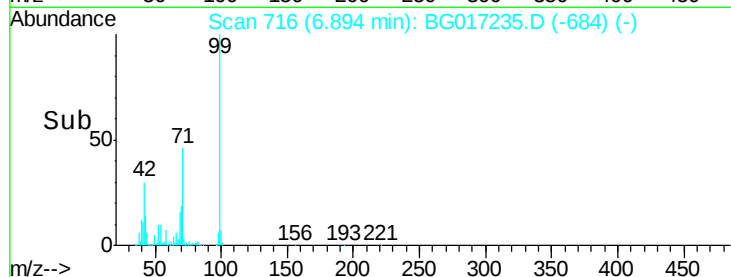
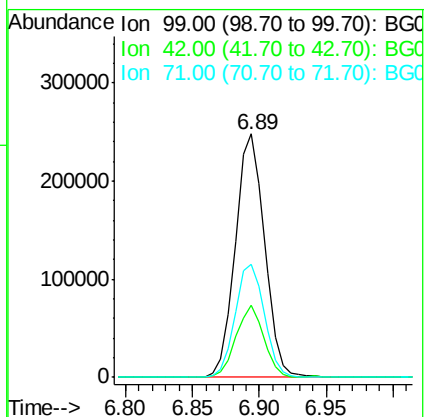
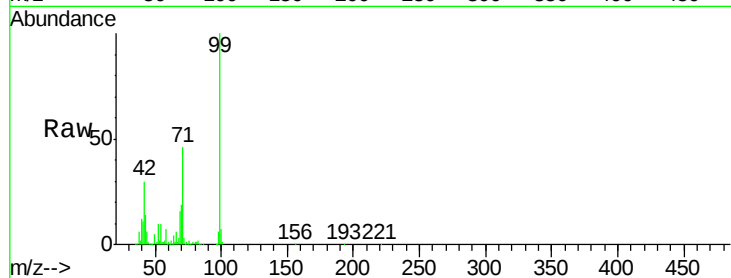
Tgt Ion: 99 Resp: 377667

Ion Ratio Lower Upper

99 100

42 29.6 23.5 35.3

71 46.4 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

Tgt Ion: 136 Resp: 154495

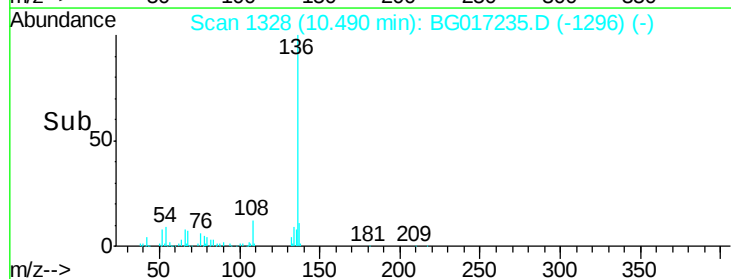
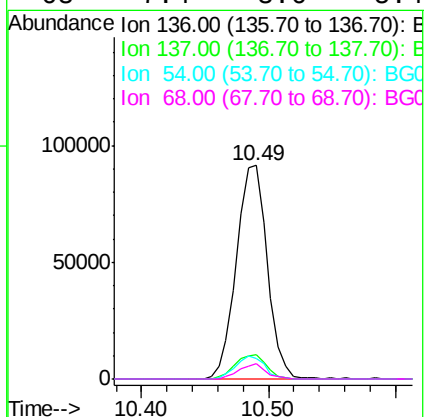
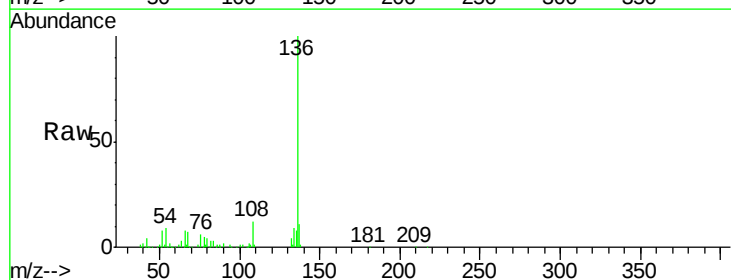
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 9.3 7.4 11.2

68 7.4 3.6 5.4#

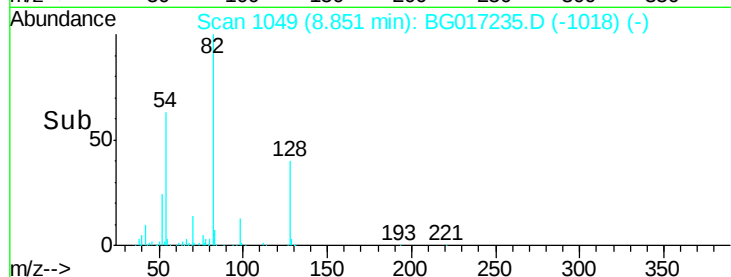
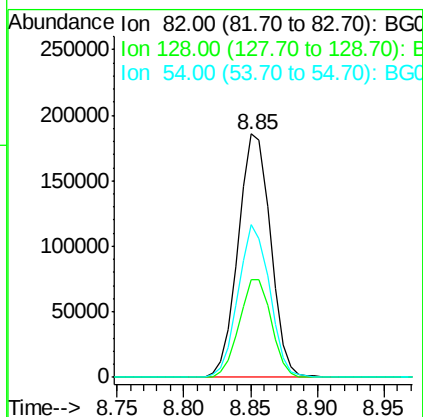
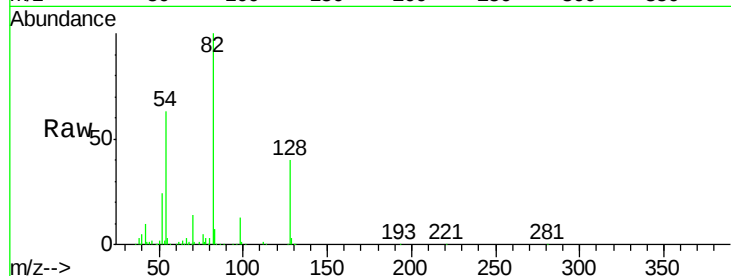




#23
 Nitrobenzene-d5
 Concen: 94.29 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

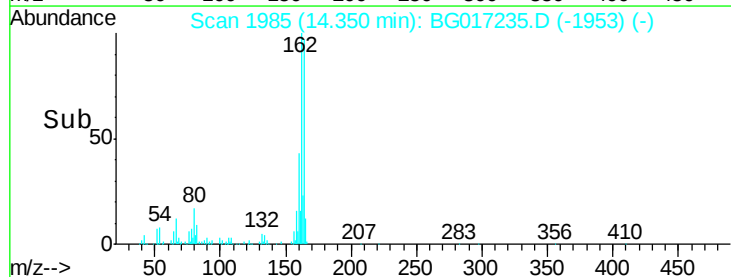
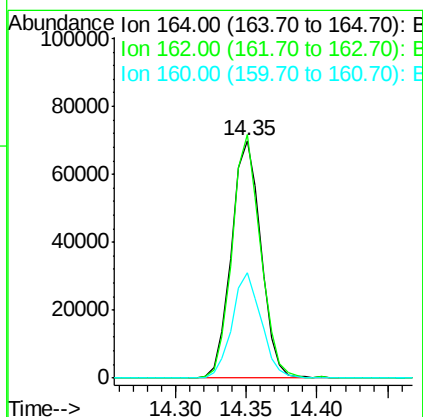
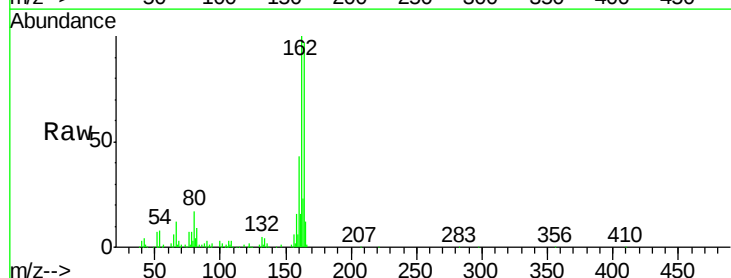
Instrument :
 BNA_G
 ClientSampleID :
 WC-05-D1

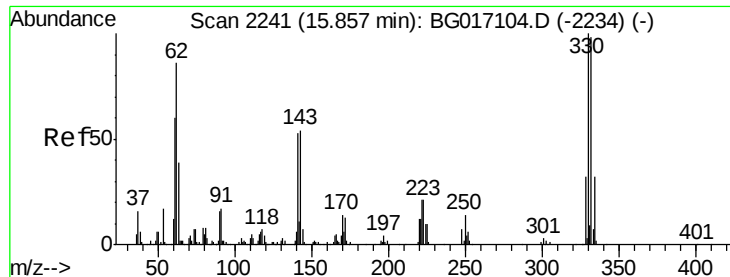
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.6	49.0
54	62.7	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	44.4	34.8	52.2

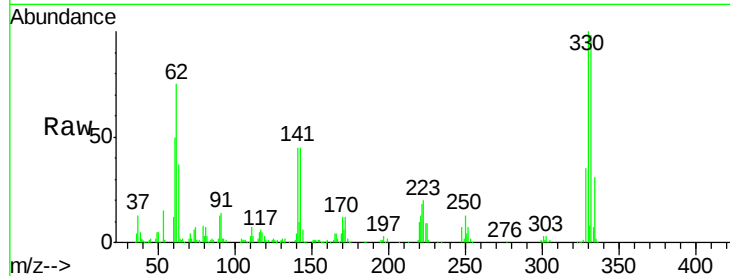




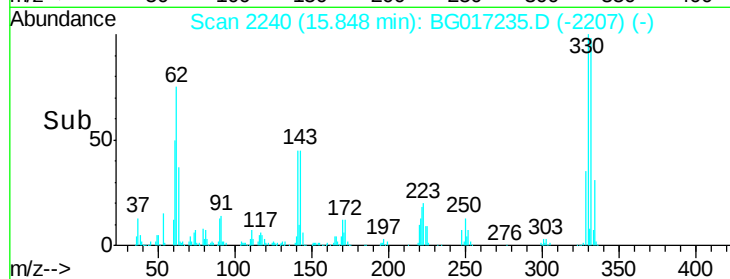
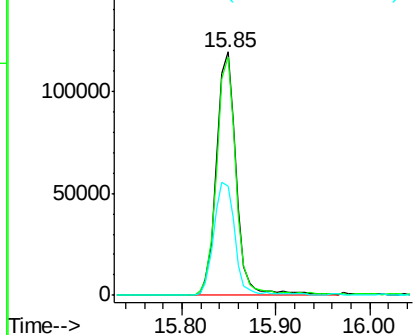
#41
 2,4,6-Tribromophenol
 Concen: 143.27 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-D1

Tgt Ion:330 Resp: 176478
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.9 115.3
 141 50.3 42.2 63.2

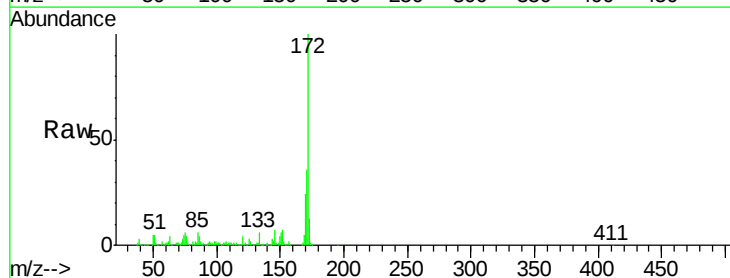


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

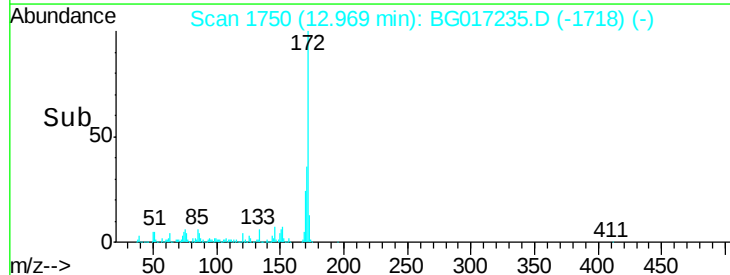
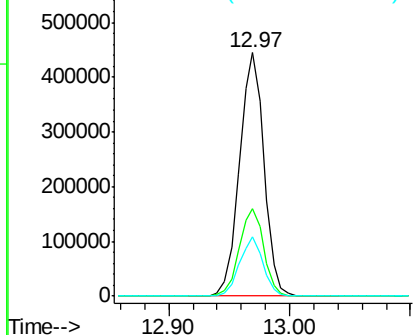


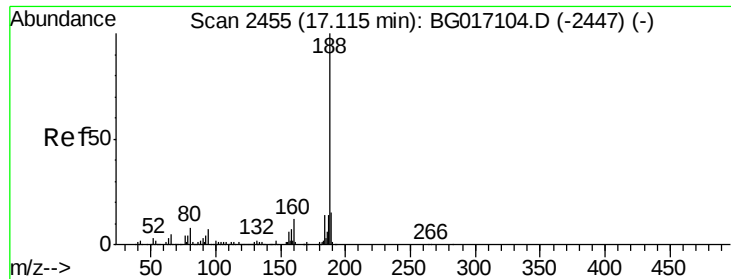
#44
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

Tgt Ion:172 Resp: 629120
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 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

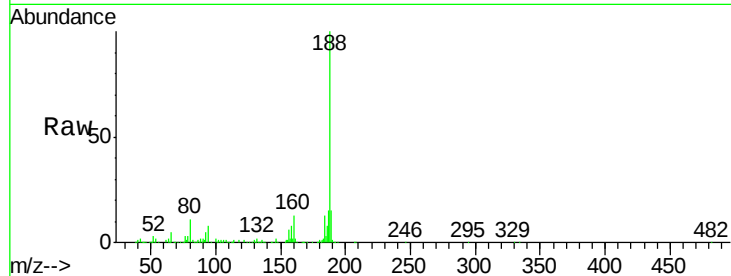




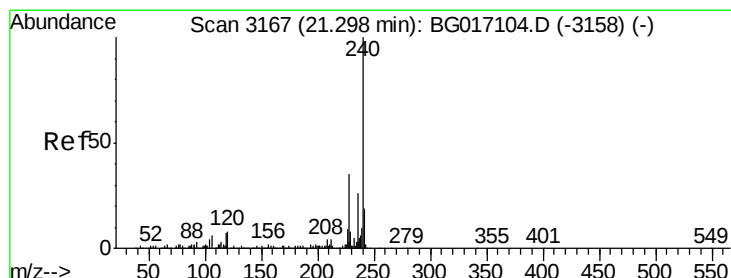
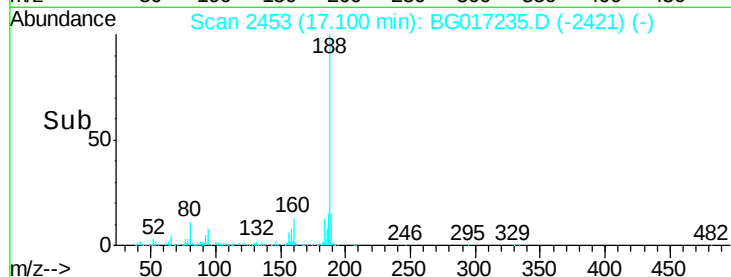
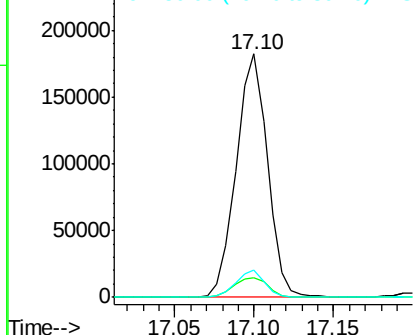
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Instrument :
BNA_G
ClientSampleId :
WC-05-D1

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.6
80	11.2	6.5	9.7#

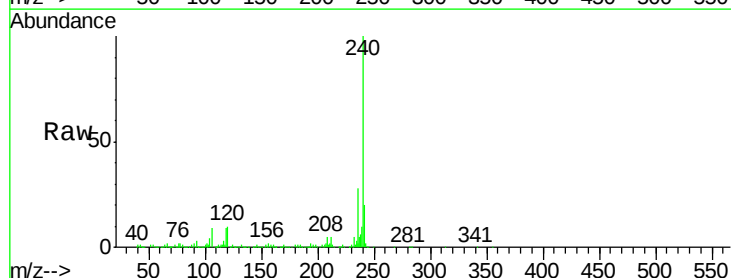


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

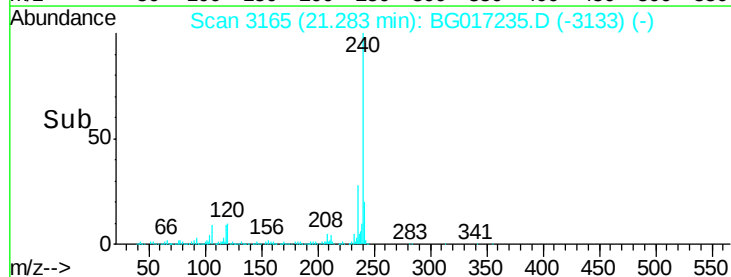
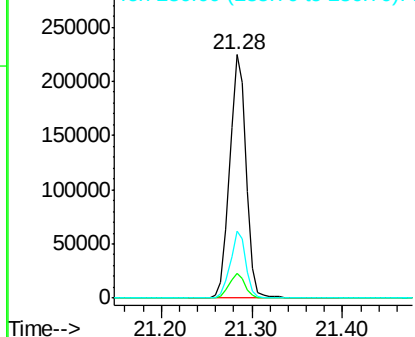


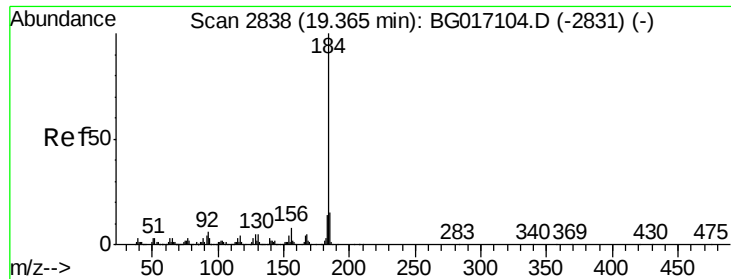
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.0	9.0#
236	27.6	20.5	30.7



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

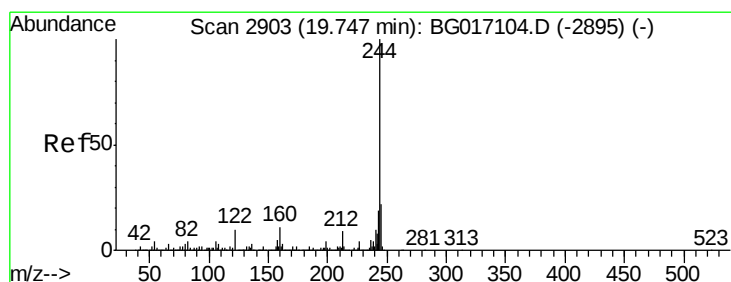
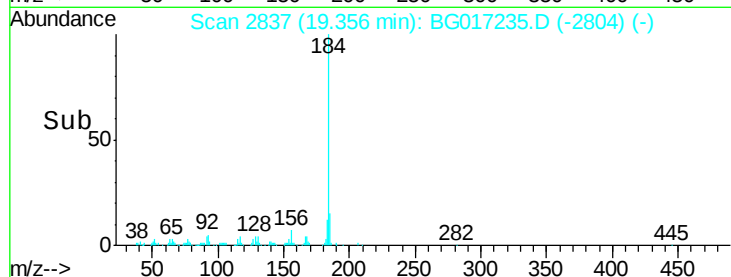
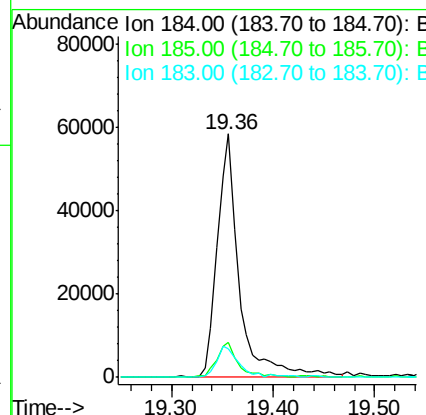
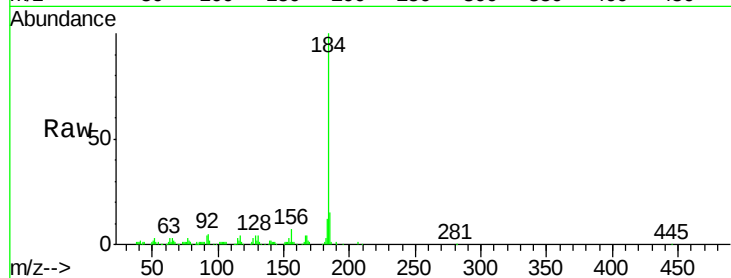




#76
Benzidine
Concen: 9.54 ng
RT: 19.36 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

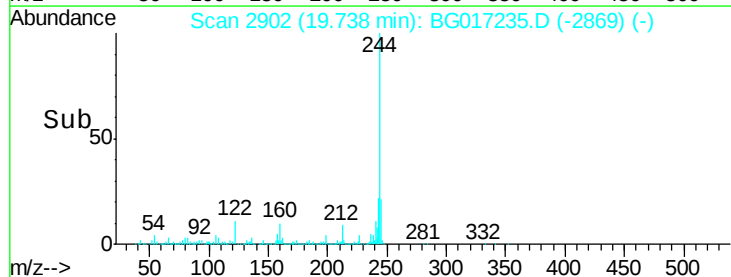
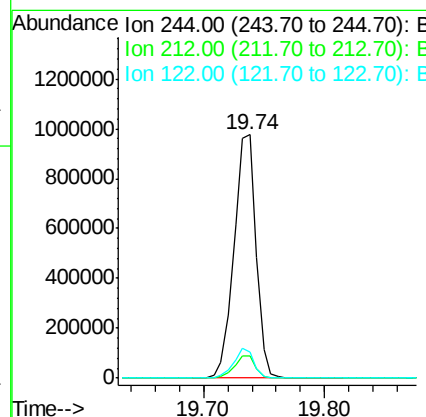
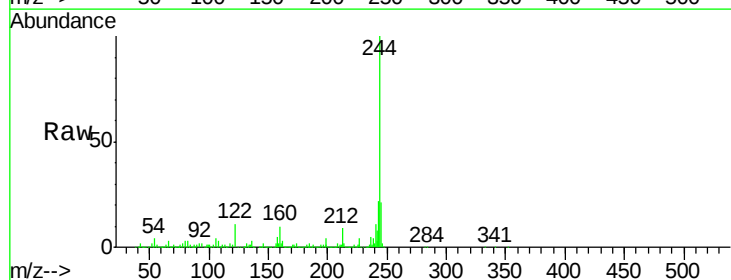
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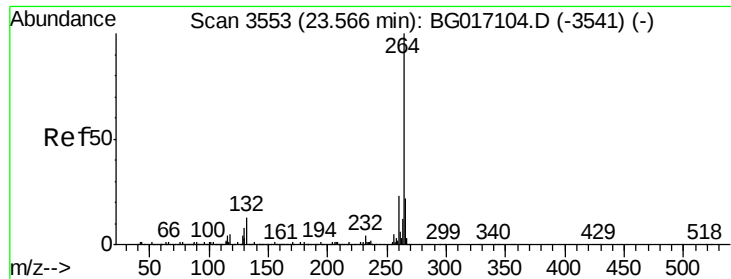
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.4	18.6
183	11.6	11.4	17.2



#78
Terphenyl-d14
Concen: 91.20 ng
RT: 19.74 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	10.7	8.4	12.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.55 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

Instrument :

BNA_G

ClientSampleId :

WC-05-D1

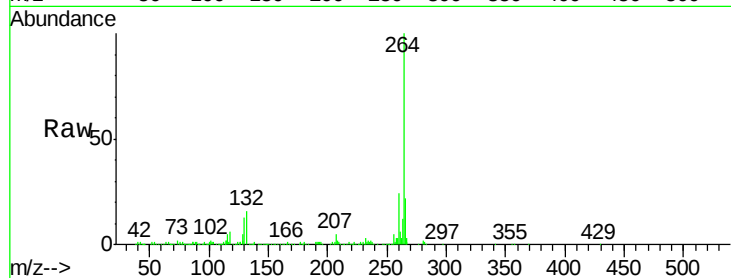
Tgt Ion: 264 Resp: 279819

Ion Ratio Lower Upper

264 100

260 23.9 18.0 27.0

265 22.0 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

