

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017038.D
 Acq On : 11 May 2015 00:11
 Operator : TP/IZ
 Sample : G2109-04
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Quant Time: May 19 07:54:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

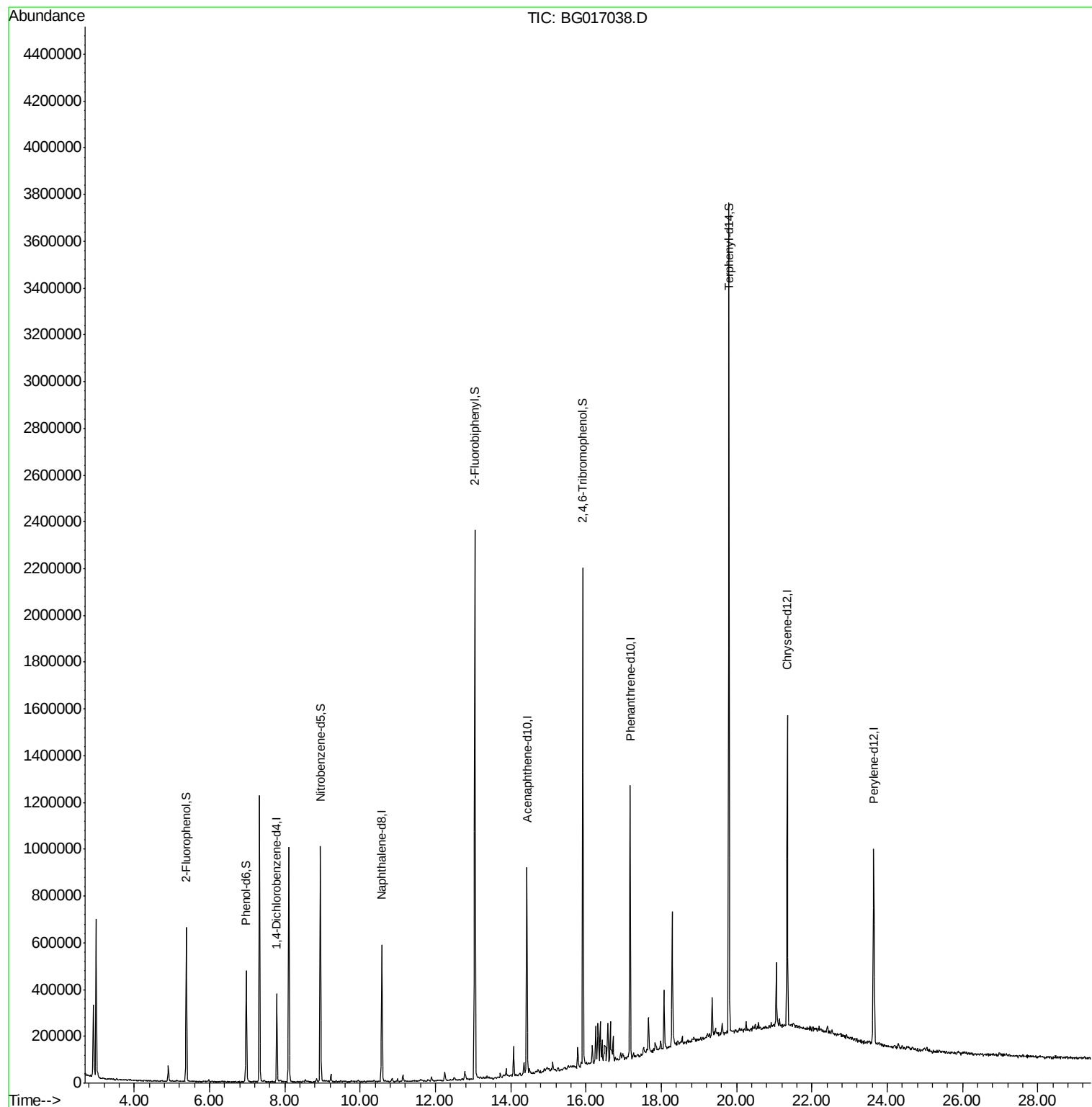
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	86239	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	420257	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	290317	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	620389	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	590028	20.00	ng	-0.02
86) Perylene-d12	23.65	264	595574	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	243672	49.20	ng	0.00
7) Phenol-d6	6.98	99	226932	32.07	ng	0.01
23) Nitrobenzene-d5	8.95	82	514670	59.83	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	306095	105.02	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1089930	56.65	ng	-0.02
78) Terphenyl-d14	19.80	244	1333204	52.97	ng	-0.02
Target Compounds						
32) Benzoic acid	9.83	122	69	Below Cal	Qvalue #	1

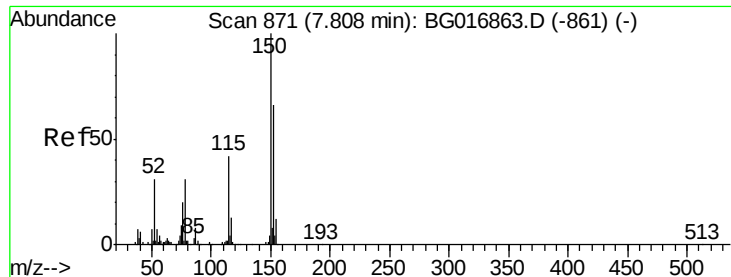
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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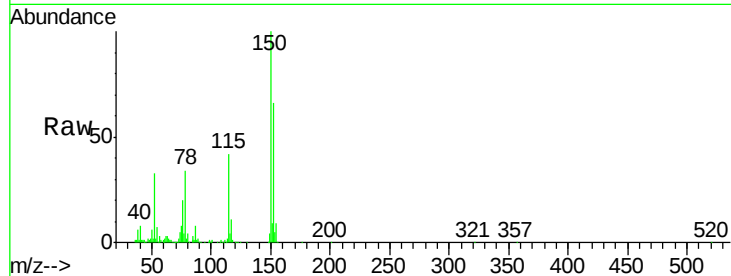


#1

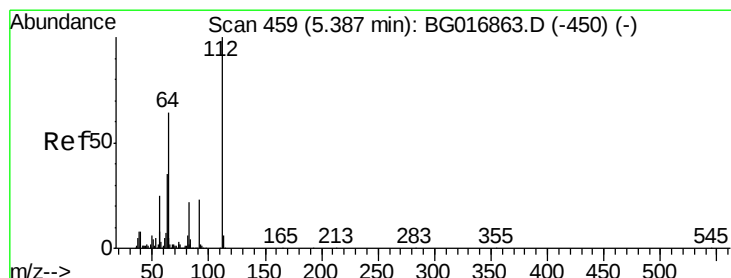
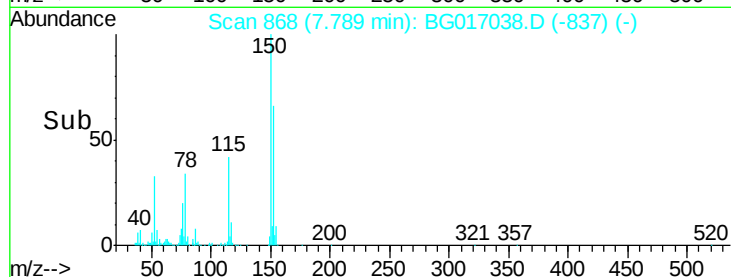
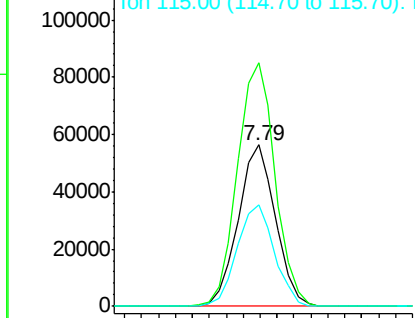
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017038.D
Acq: 11 May 2015 00:11

Instrument :
BNA_G
ClientSampleId :
W-35

Tgt Ion:152 Resp: 86239
Ion Ratio Lower Upper
152 100
150 150.6 121.0 181.4
115 62.8 50.5 75.7



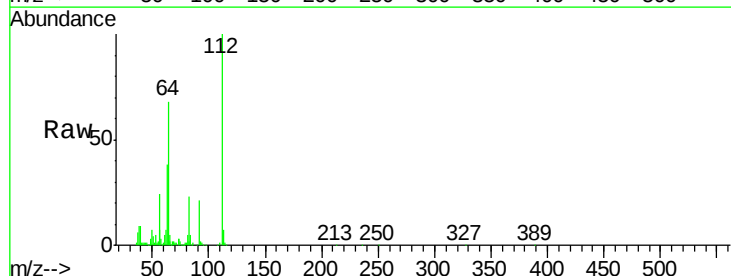
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



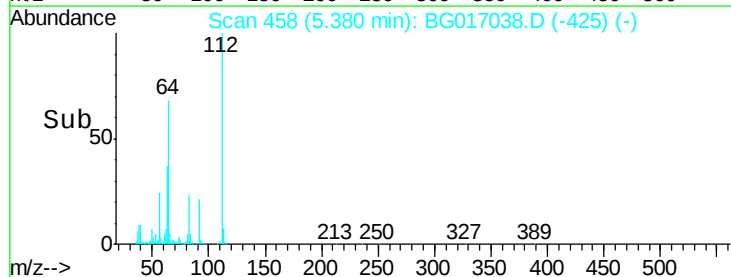
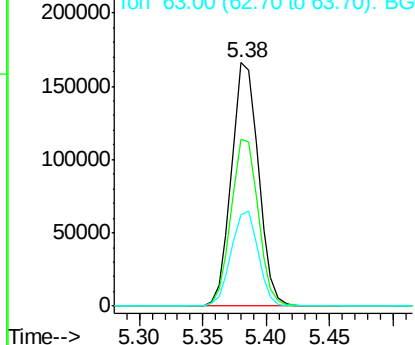
#5

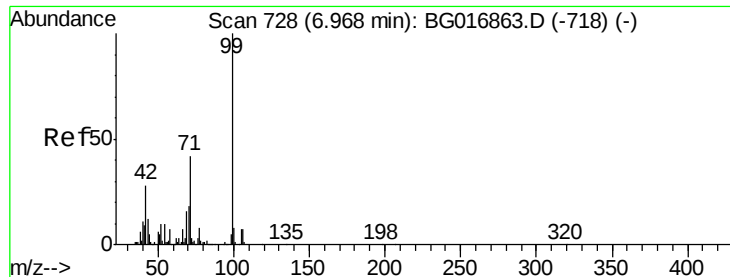
2-Fluorophenol
Concen: 49.20 ng
RT: 5.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: BG017038.D
Acq: 11 May 2015 00:11

Tgt Ion:112 Resp: 243672
Ion Ratio Lower Upper
112 100
64 68.5 51.4 77.2
63 37.6 28.1 42.1



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: 32.07 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017038.D

Acq: 11 May 2015 00:11

Instrument :

BNA_G

ClientSampleId :

W-35

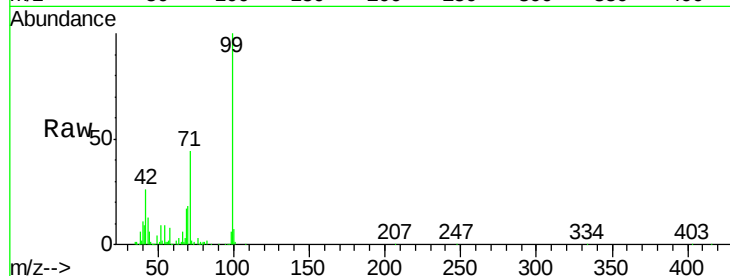
Tgt Ion: 99 Resp: 226932

Ion Ratio Lower Upper

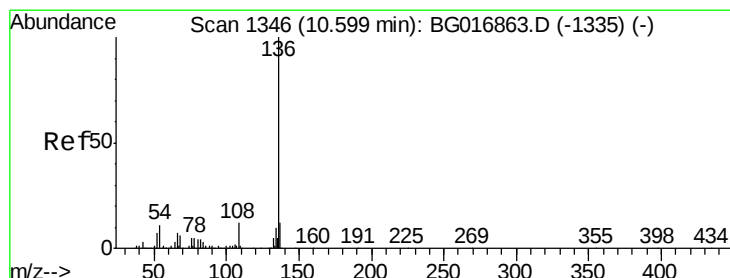
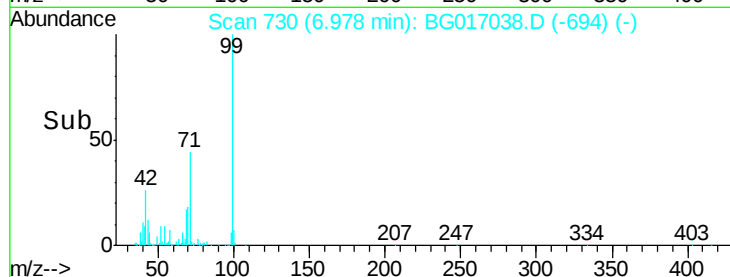
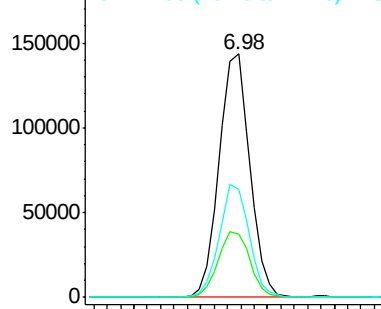
99 100

42 25.8 22.1 33.1

71 44.2 33.4 50.0



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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017038.D

Acq: 11 May 2015 00:11

Tgt Ion: 136 Resp: 420257

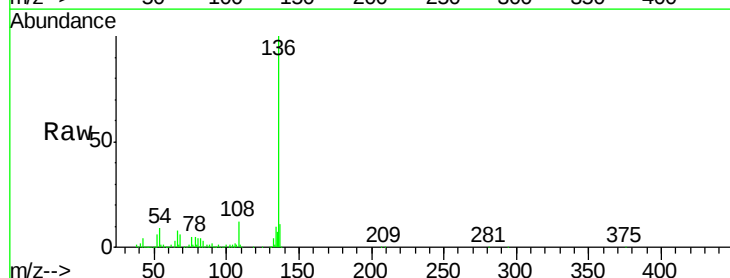
Ion Ratio Lower Upper

136 100

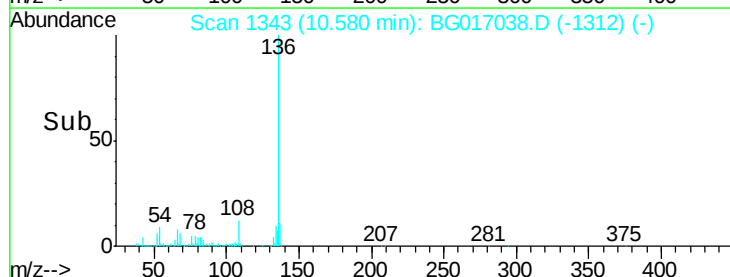
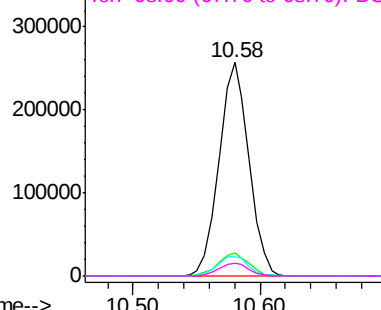
137 11.0 9.8 14.8

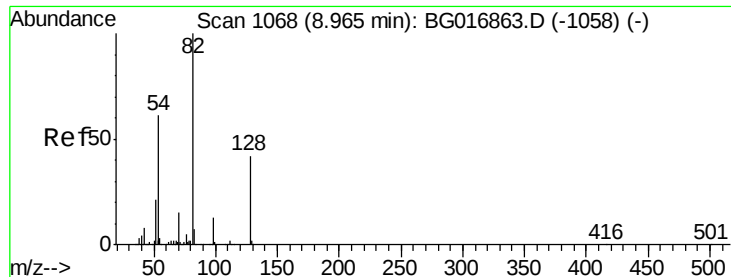
54 9.0 8.7 13.1

68 5.7 5.0 7.4



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

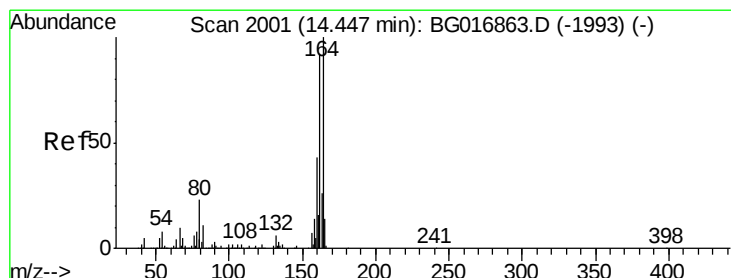
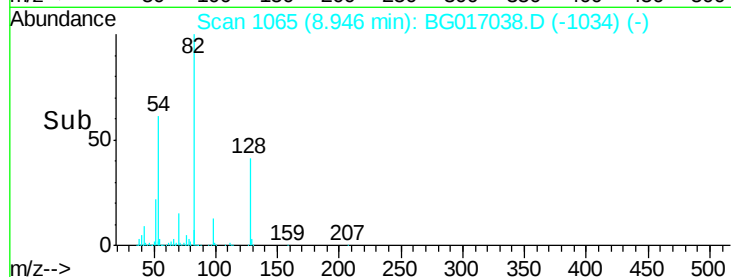
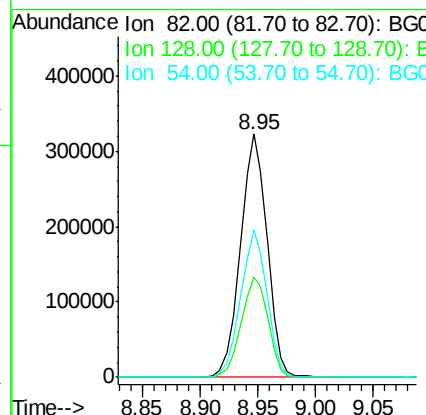
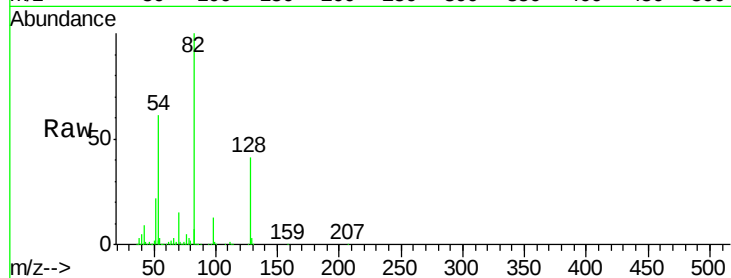




#23
 Nitrobenzene-d5
 Concen: 59.83 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

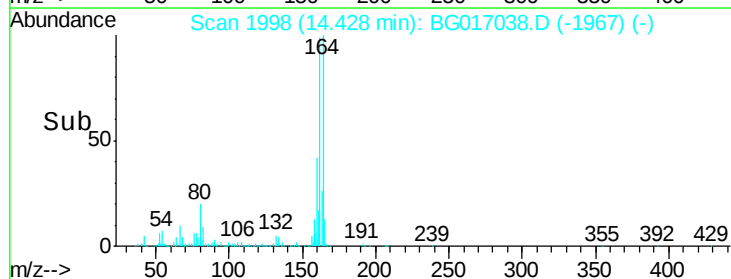
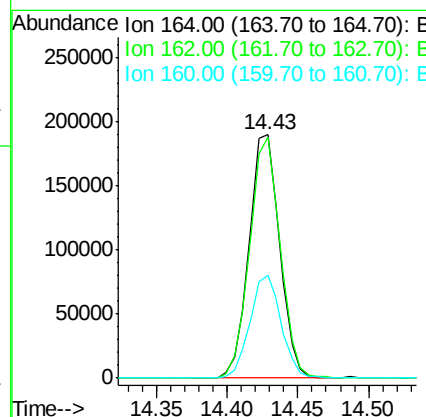
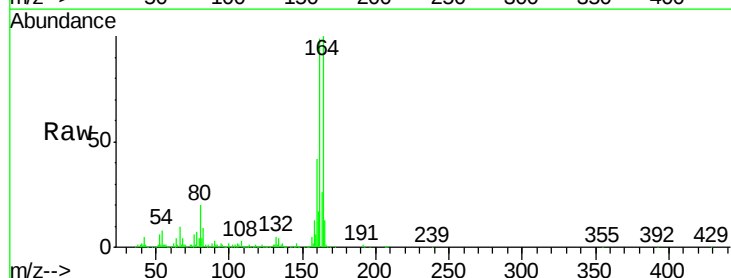
Instrument :
 BNA_G
 ClientSampleId :
 W-35

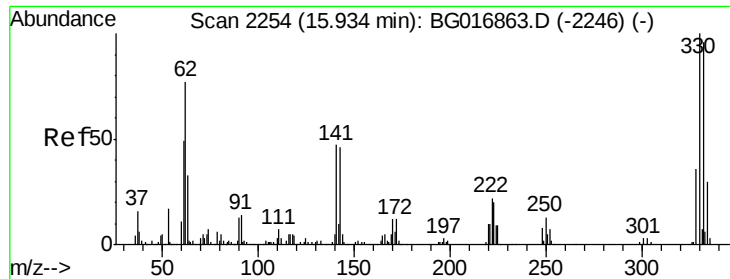
Tgt Ion: 82 Resp: 514670
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.2 49.8
 54 60.8 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Tgt Ion: 164 Resp: 290317
 Ion Ratio Lower Upper
 164 100
 162 98.8 74.0 111.0
 160 42.4 34.7 52.1

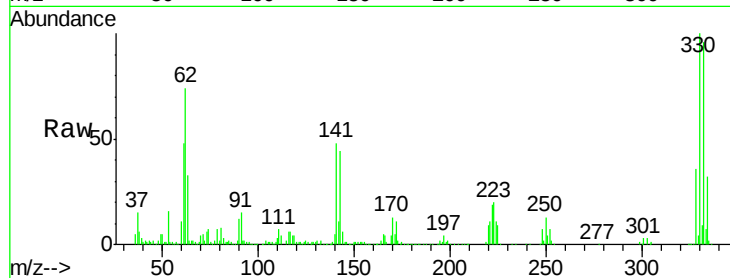




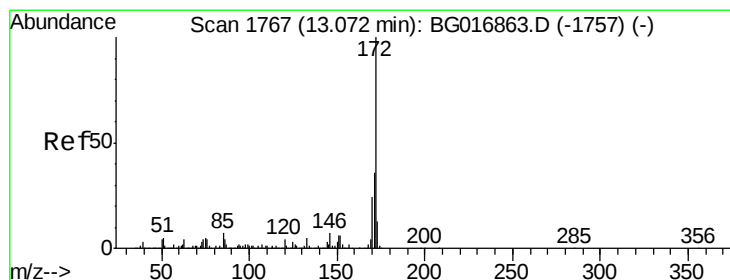
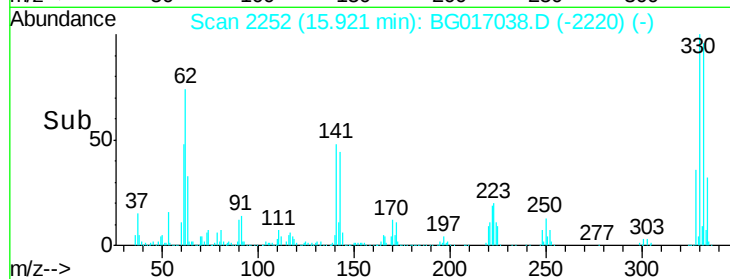
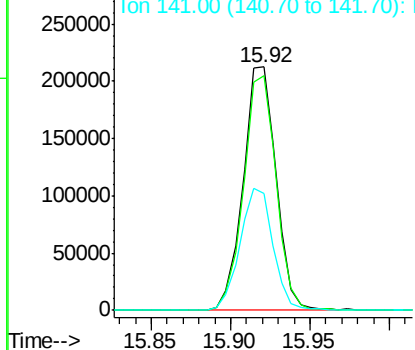
#41
 2,4,6-Tribromophenol
 Concen: 105.02 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Tgt Ion:330 Resp: 306095
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 51.2 0.0 0.0#

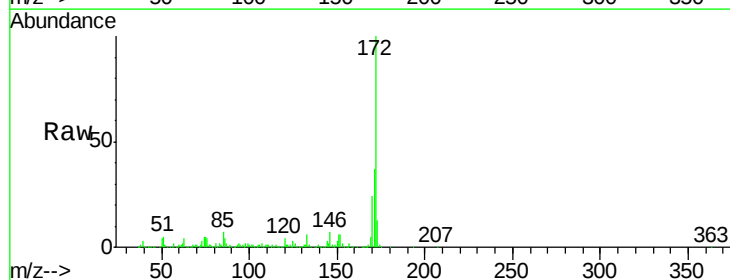


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

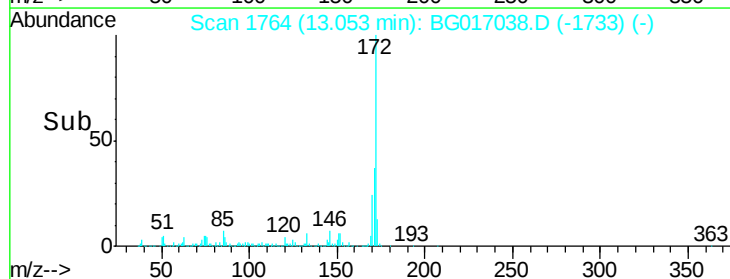
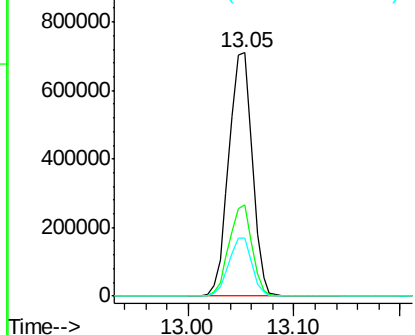


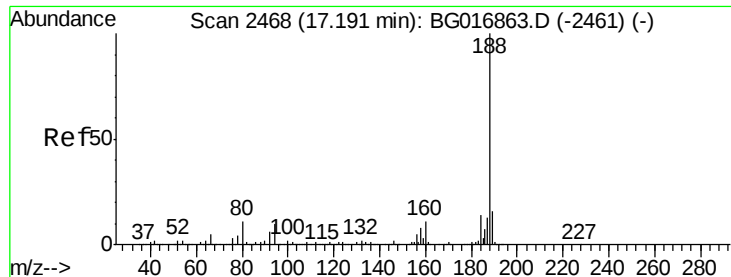
#44
 2-Fluorobiphenyl
 Concen: 56.65 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Tgt Ion:172 Resp: 1089930
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.4
 170 23.7 19.0 28.4



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

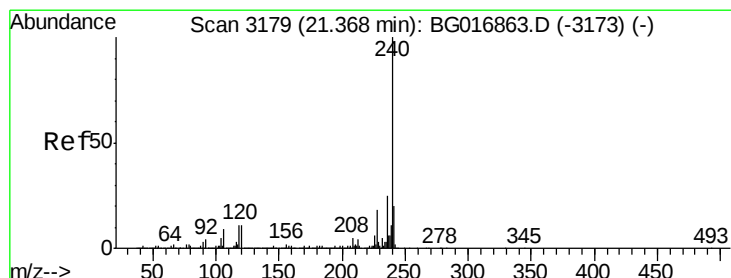
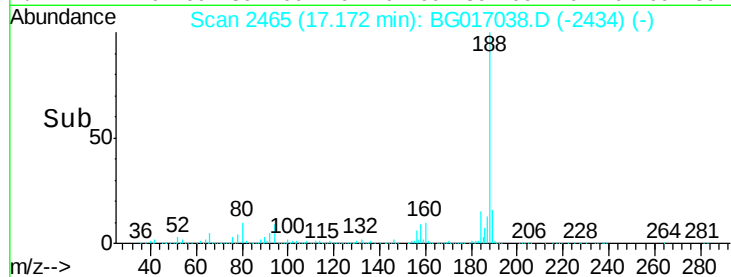
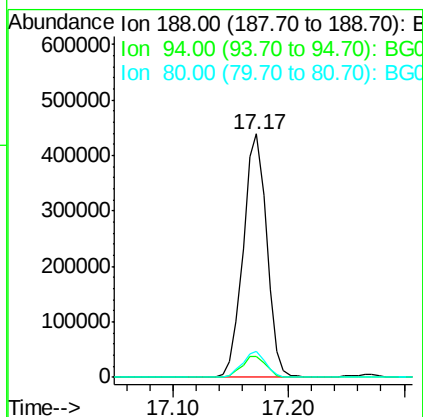
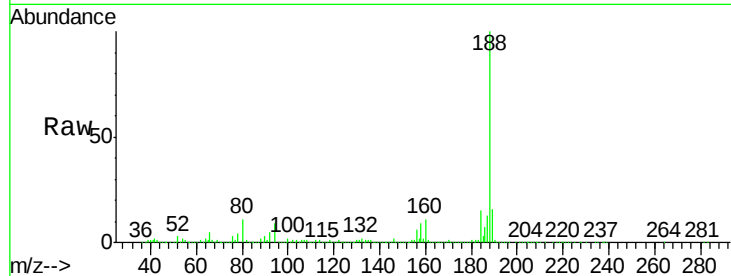




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017038.D
Acq: 11 May 2015 00:11

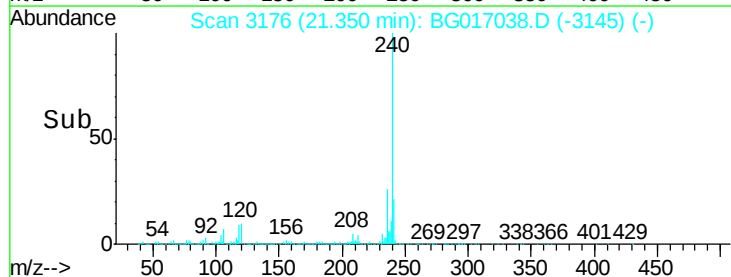
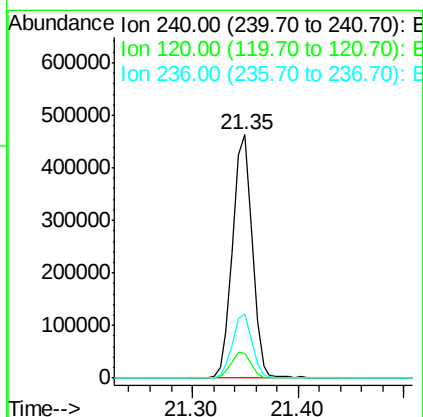
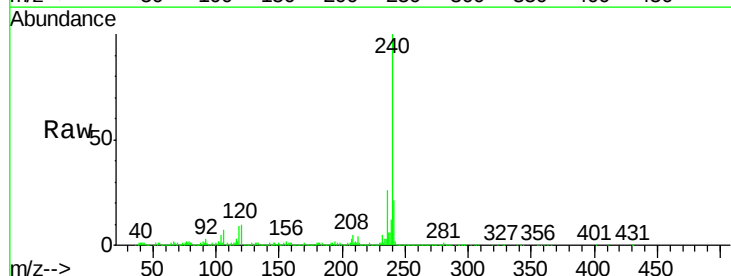
Instrument :
BNA_G
ClientSampled :
W-35

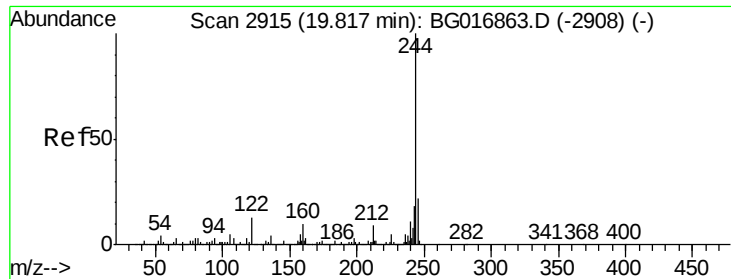
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	10.5	8.8	13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG017038.D
Acq: 11 May 2015 00:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.1	13.7
236	26.3	20.2	30.4

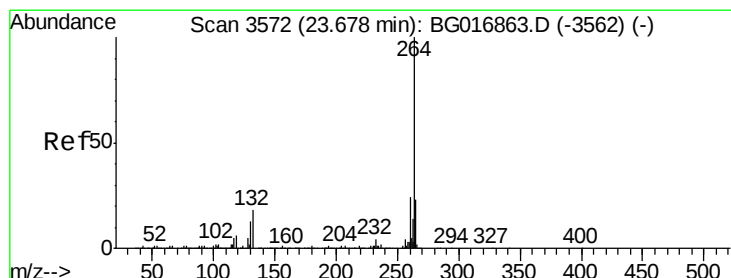
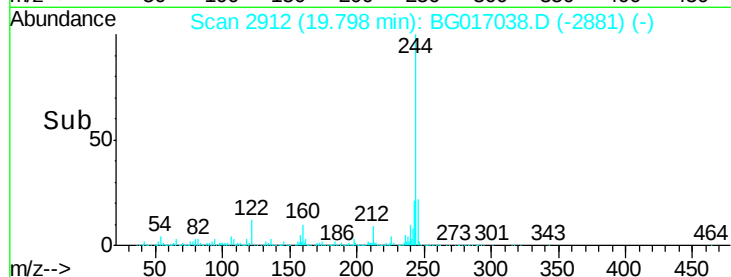
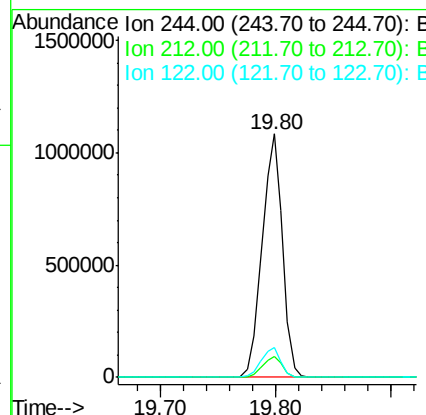
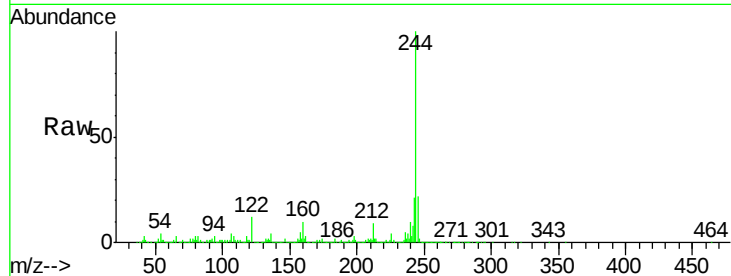




#78
 Terphenyl-d14
 Concen: 52.97 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1333204
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 12.1 10.4 15.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3567
 Delta R.T. -0.03 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Tgt Ion:264 Resp: 595574
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 18.5 27.7

