

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021144.D
 Acq On : 28 Feb 2016 10:03
 Operator : UM/SJ
 Sample : H1558-17
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-19

Quant Time: Feb 29 01:18:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

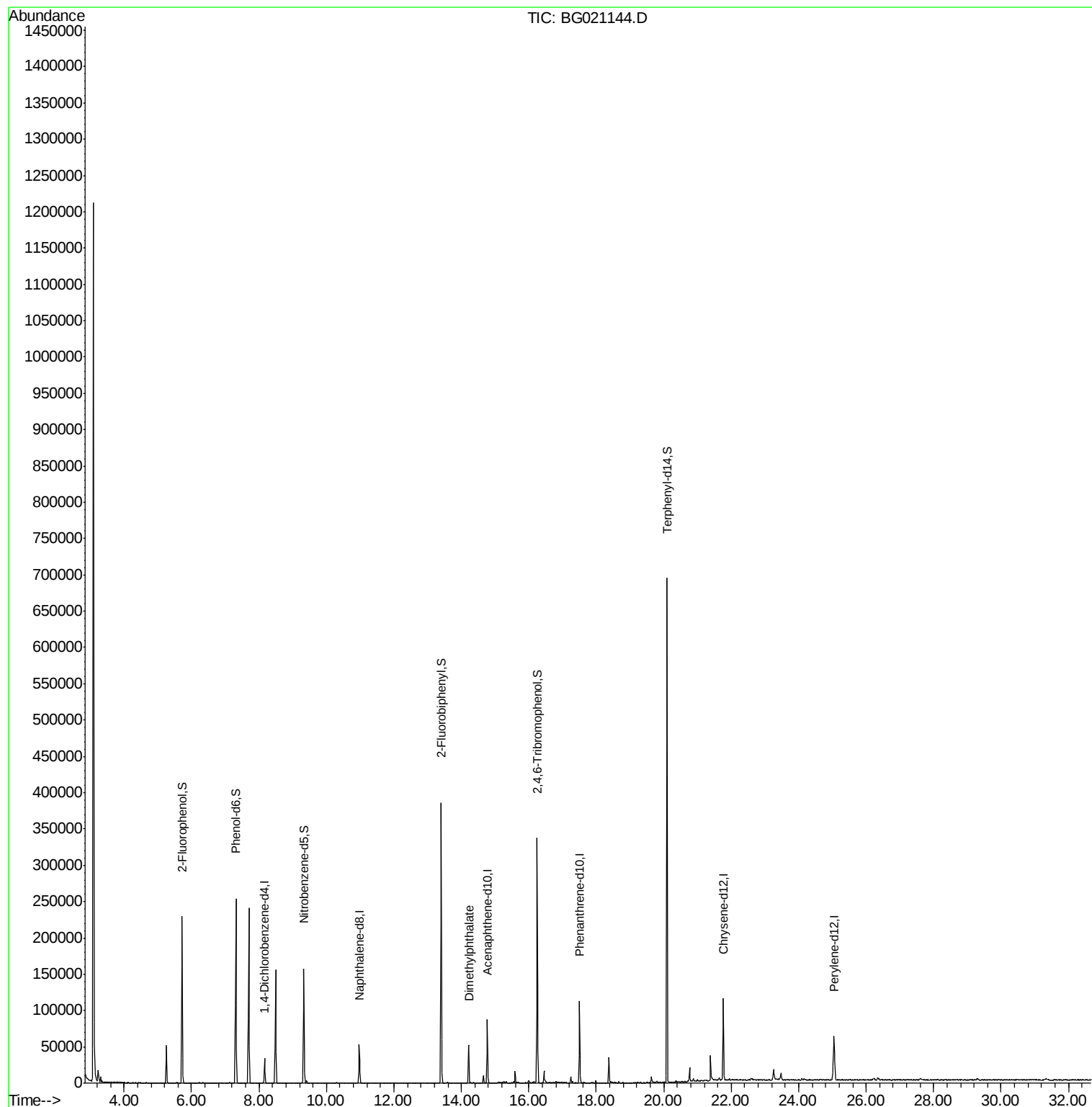
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8731	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	42760	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	26407	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	63225	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	64835	20.00	ng	-0.02
86) Perylene-d12	25.05	264	59810	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	86861	174.17	ng	0.00
7) Phenol-d6	7.31	99	138615	186.79	ng	-0.01
23) Nitrobenzene-d5	9.33	82	98827	110.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	44422	128.31	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	179541	87.00	ng	-0.01
78) Terphenyl-d14	20.09	244	266713	96.14	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.22	163	30733	13.50	ng	Qvalue # 97

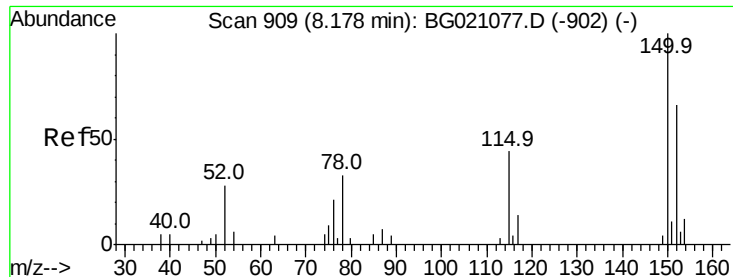
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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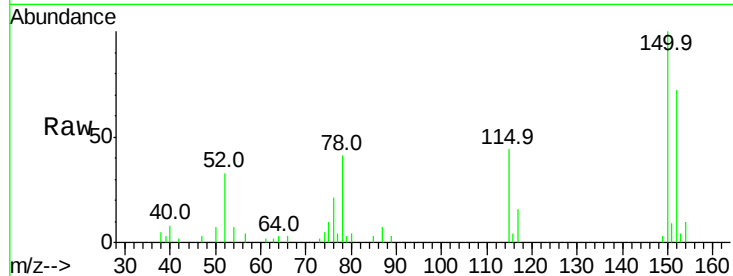


#1

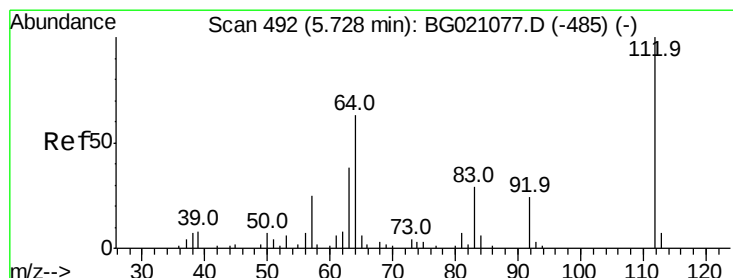
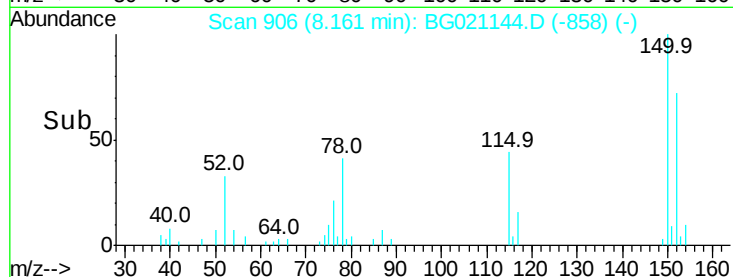
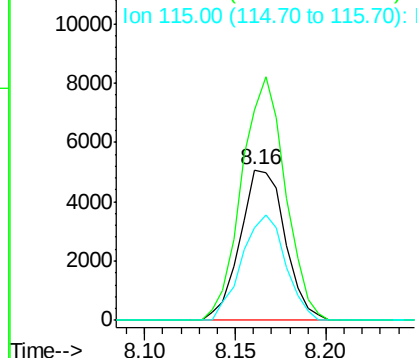
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.02 min
Lab File: BG021144.D
Acq: 28 Feb 2016 10:03

Instrument :
BNA_G
ClientSampled :
S-19

Tot Ion:152 Resp: 8731
Ion Ratio Lower Upper
152 100
150 139.6 123.4 185.2
115 61.7 43.3 64.9



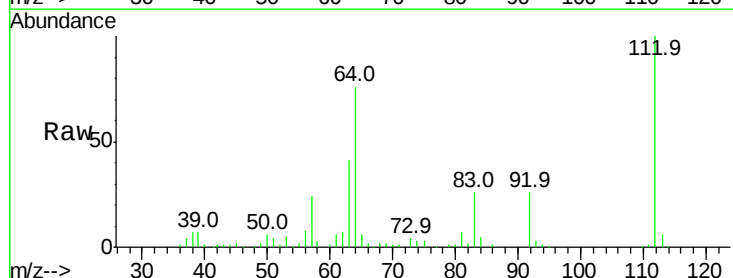
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



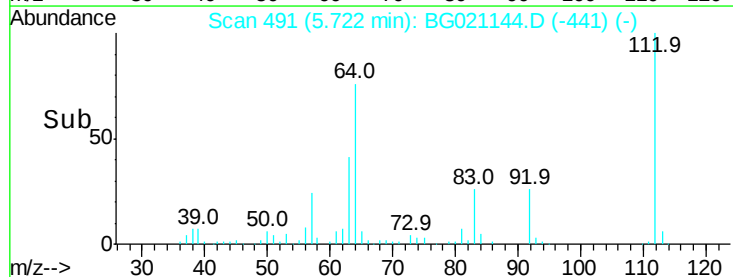
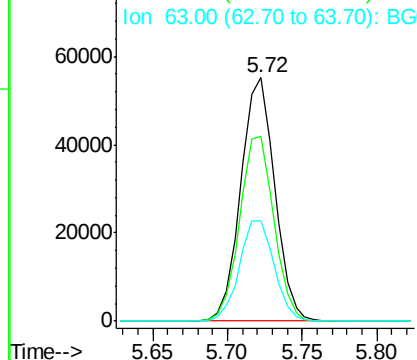
#5

2-Fluorophenol
Concen: 174.17 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021144.D
Acq: 28 Feb 2016 10:03

Tgt Ion:112 Resp: 86861
Ion Ratio Lower Upper
112 100
64 75.9 42.6 63.8#
63 41.4 21.7 32.5#



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: 186.79 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

Instrument :

BNA_G

ClientSampleId :

S-19

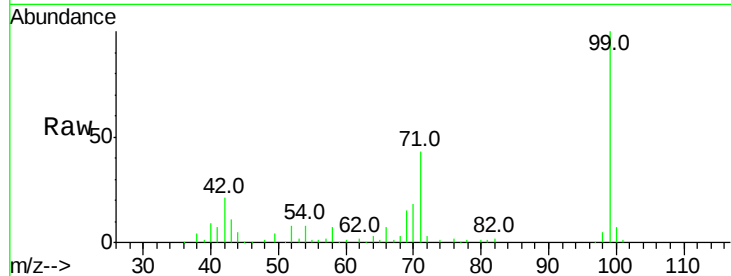
Tot Ion: 99 Resp: 138615

Ion Ratio Lower Upper

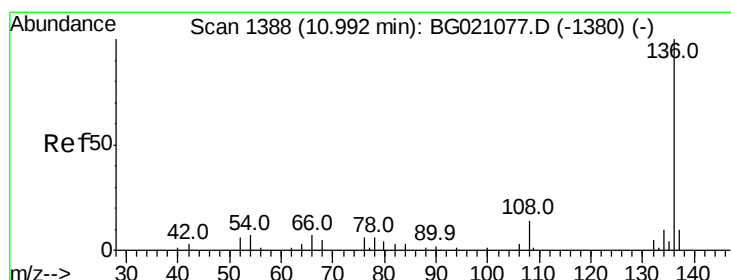
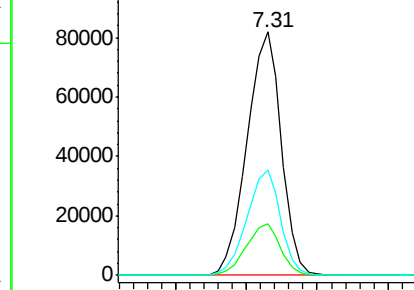
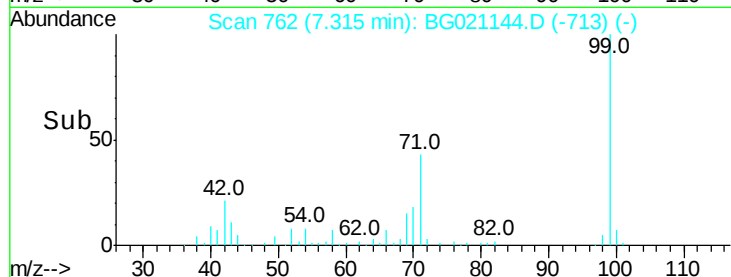
99 100

42 21.2 13.2 19.8#

71 43.4 25.2 37.8#



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: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

Tgt Ion:136 Resp: 42760

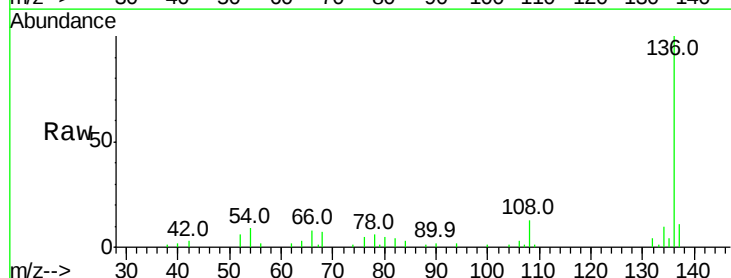
Ion Ratio Lower Upper

136 100

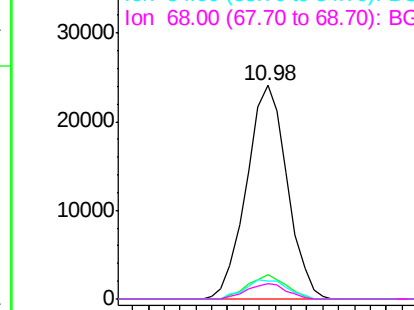
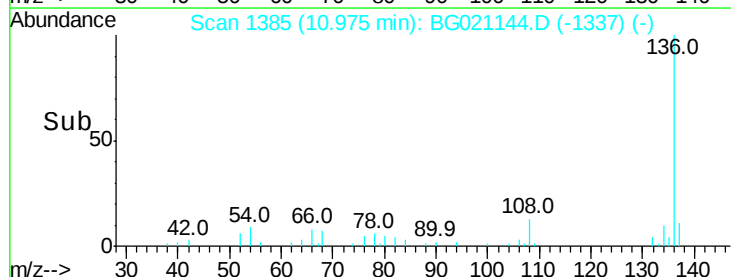
137 11.1 8.8 13.2

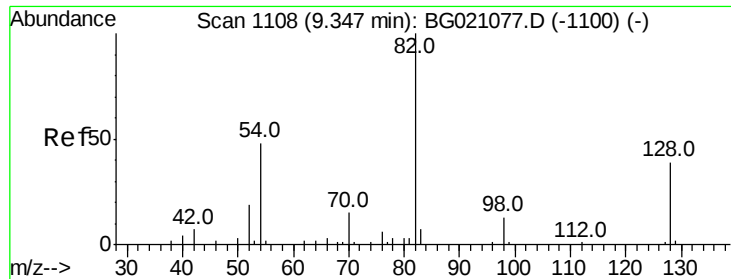
54 8.7 6.9 10.3

68 7.0 5.8 8.6



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

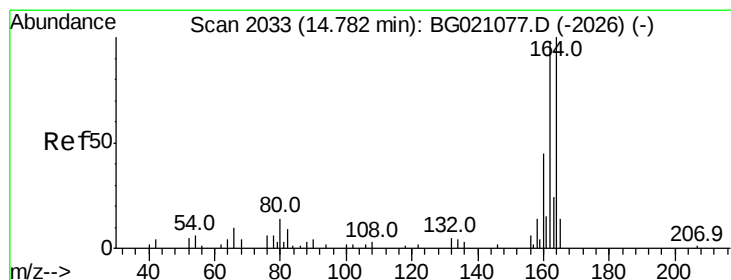
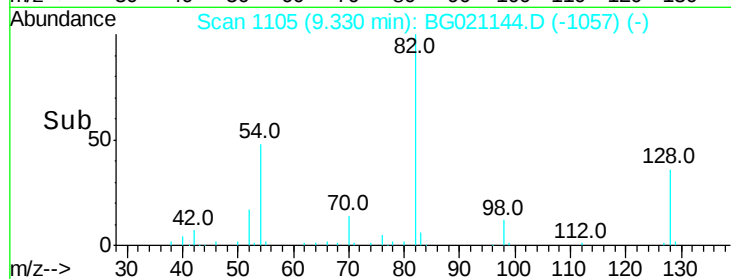
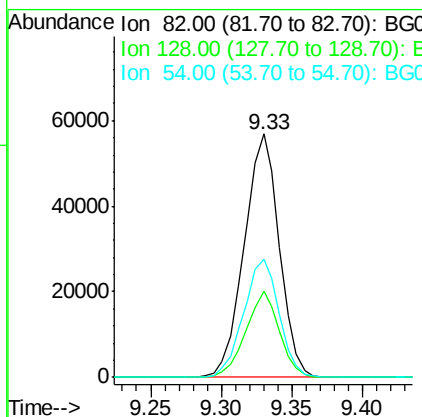
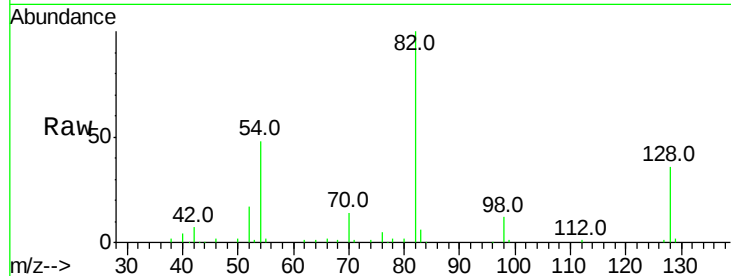




#23
 Nitrobenzene-d5
 Concen: 110.12 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

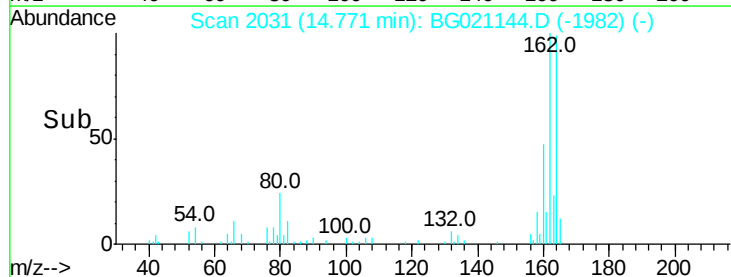
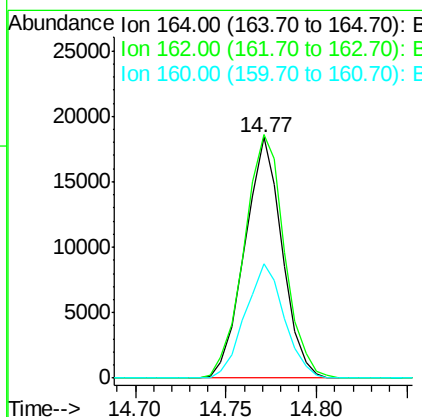
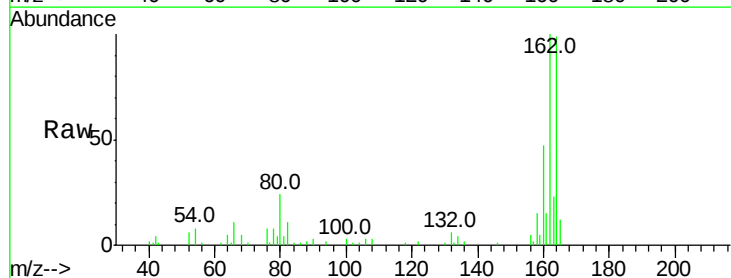
Instrument :
 BNA_G
 ClientSampled :
 S-19

Tot Ion	82	Resp	98827
Ion Ratio	100		
Lower	36.3		
Upper	54.5		
54	48.3	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

Tgt Ion	164	Resp	26407
Ion Ratio	100		
Lower	80.6		
Upper	120.8		
162	101.2	36.5	54.7
160	47.6		

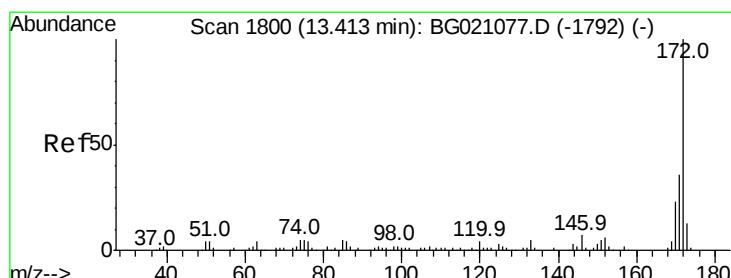
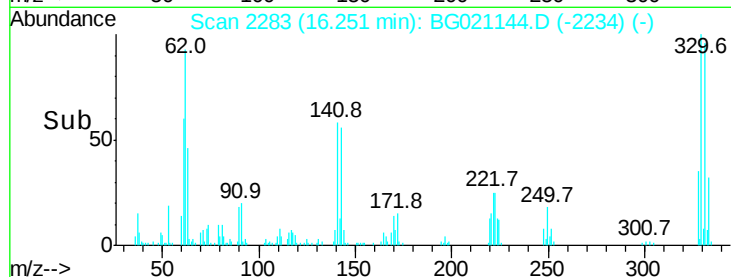
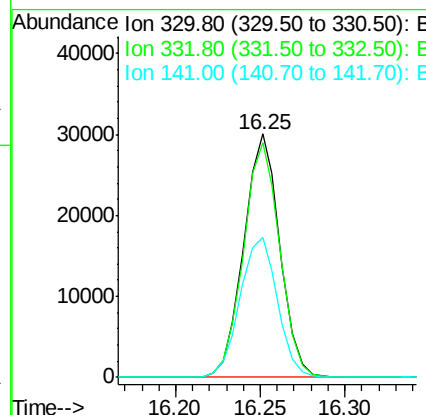
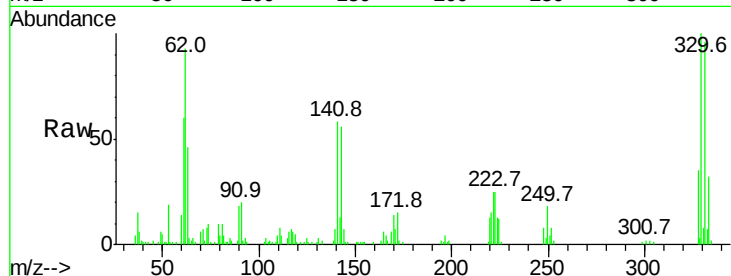




#41
 2,4,6-Tribromophenol
 Concen: 128.31 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

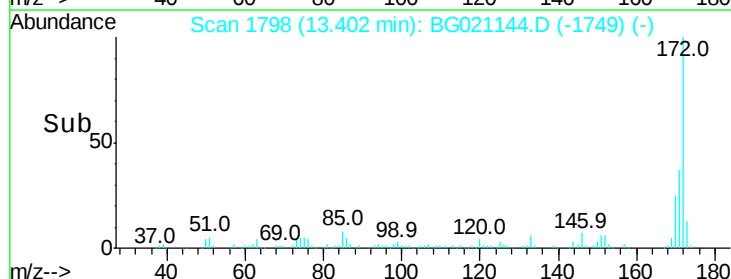
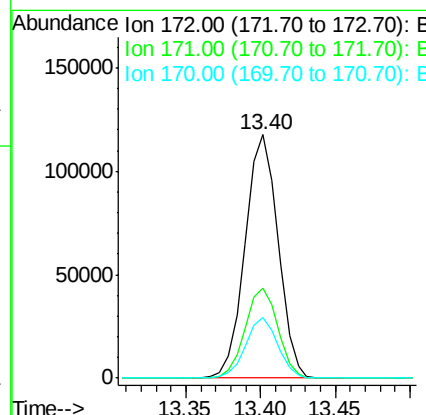
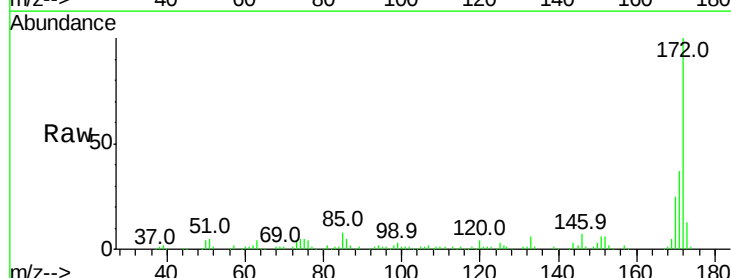
Instrument :
 BNA_G
 ClientSampled :
 S-19

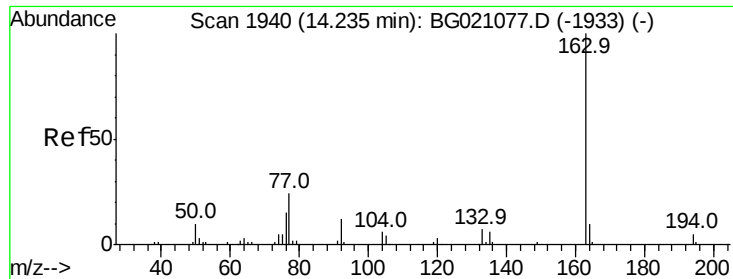
Tot Ion:330 Resp: 44422
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 59.7 35.3 52.9#



#44
 2-Fluorobiphenyl
 Concen: 87.00 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

Tgt Ion:172 Resp: 179541
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.7 19.8 29.8





#49

Dimethylphthalate

Concen: 13.50 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

Instrument :

BNA_G

ClientSampled :

S-19

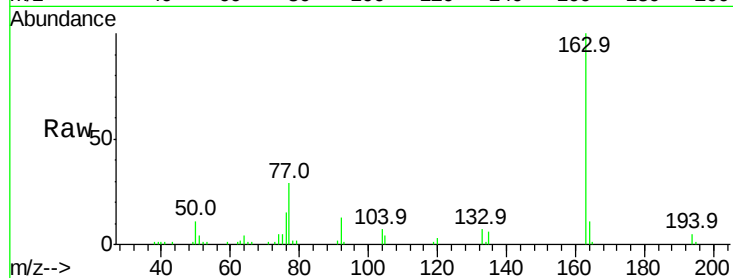
Tot Ion:163 Resp: 30733

Ion Ratio Lower Upper

163 100

194 4.6 2.8 4.2#

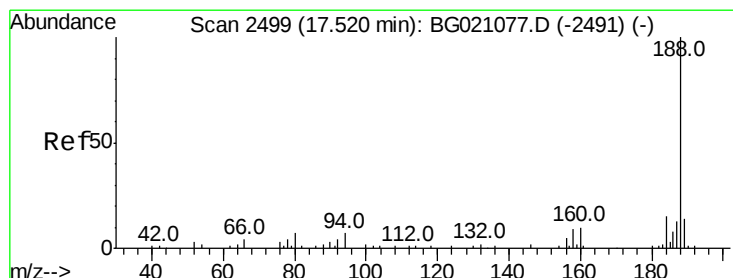
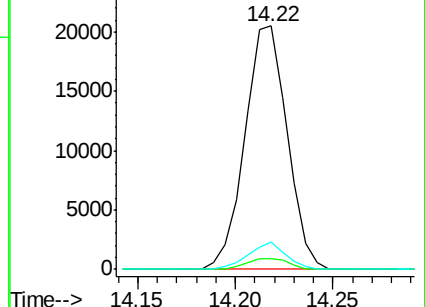
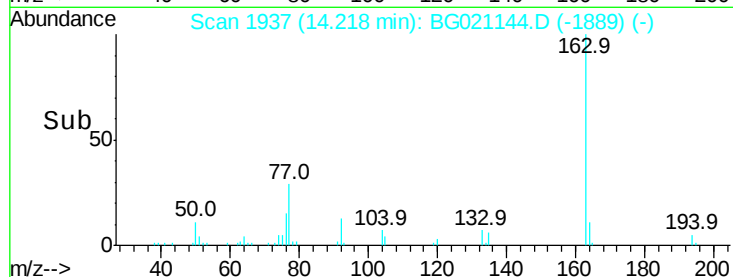
164 11.0 7.9 11.9



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: 17.50 min Scan# 2496

Delta R.T. -0.02 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

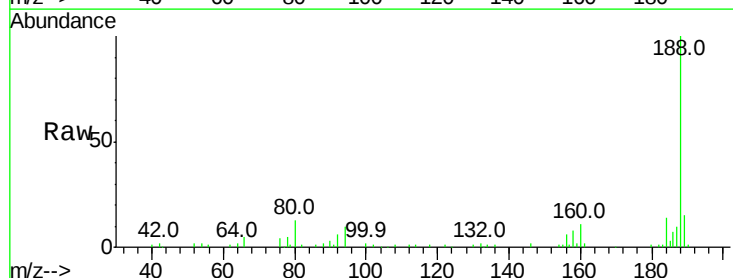
Tgt Ion:188 Resp: 63225

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

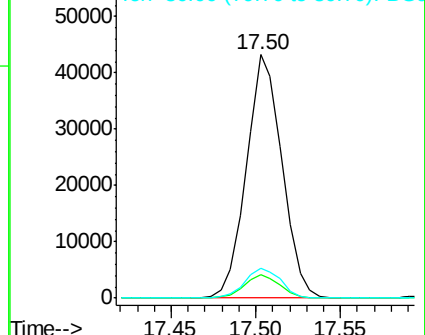
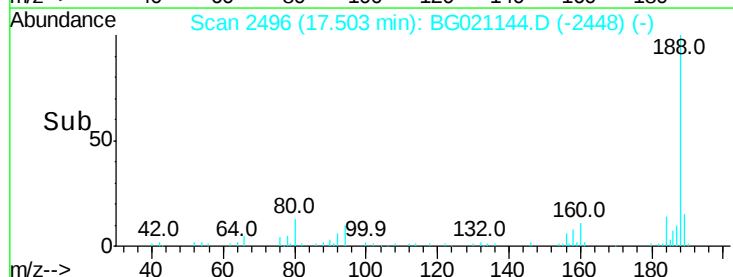
80 12.5 9.2 13.8

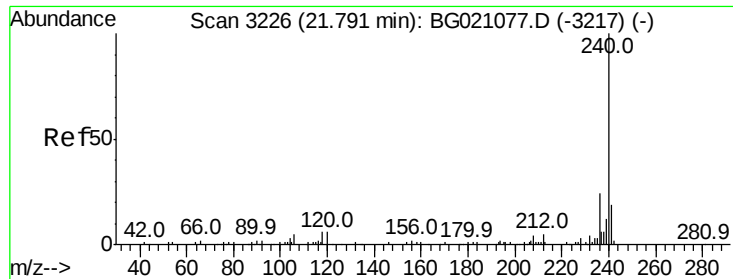


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

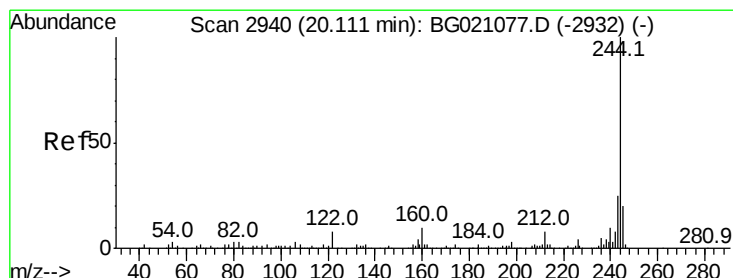
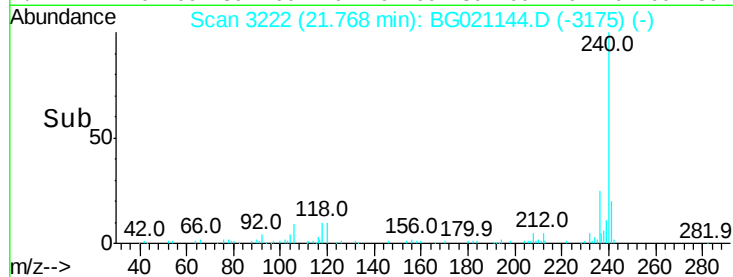
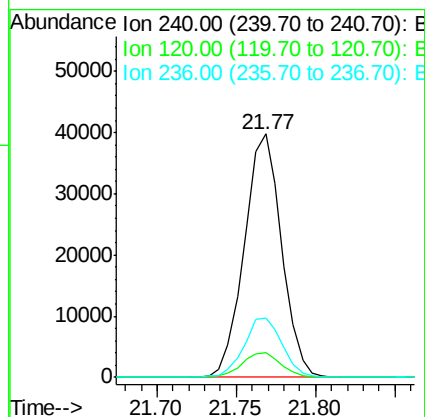
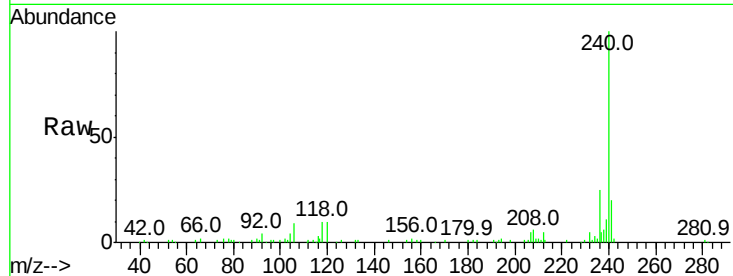




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

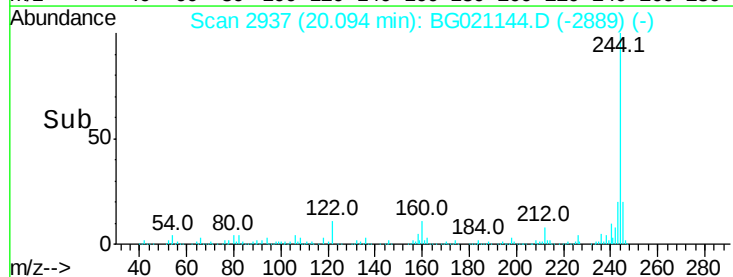
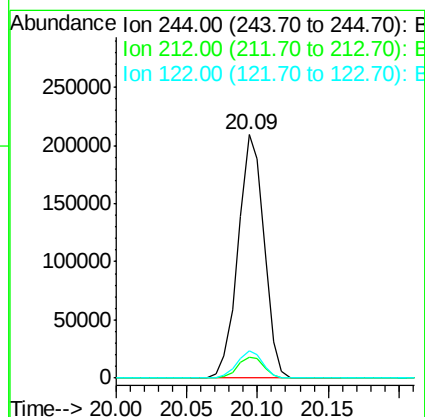
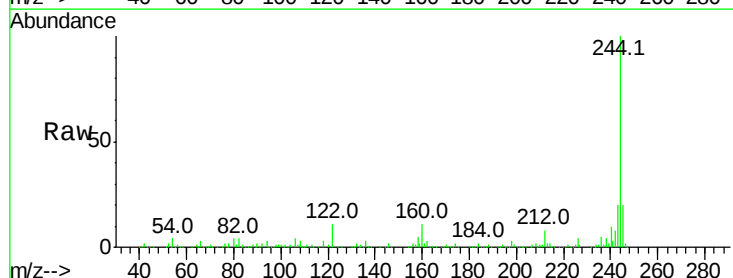
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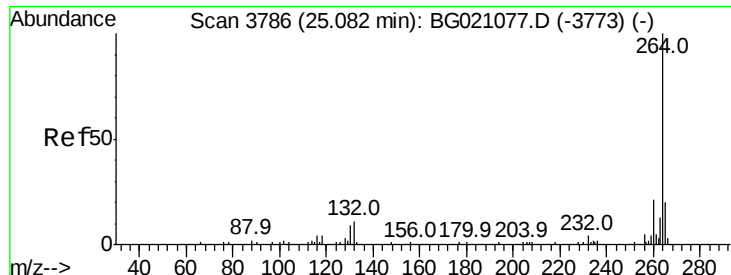
Tot Ion:240 Resp: 64835
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.5 11.3
 236 24.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 96.14 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.02 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

Tgt Ion:244 Resp: 266713
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.6
 122 11.4 8.3 12.5

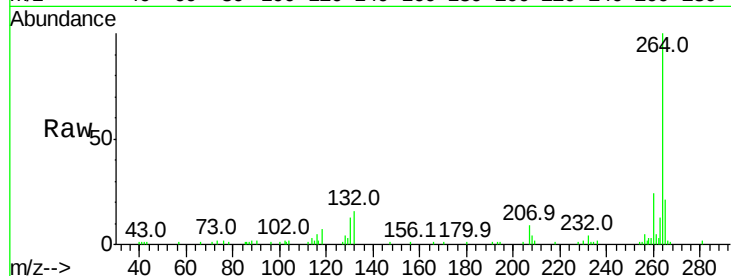




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.03 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 S-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.4	18.6	28.0



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

