

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033736.D
 Acq On : 11 Apr 2018 6:54
 Operator : SJ/JU
 Sample : J2304-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Apr 11 08:25:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31465	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	124662	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92972	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	283864	20.00	ng	0.00
75) Chrysene-d12	22.54	240	328520	20.00	ng	0.00
86) Perylene-d12	26.31	264	346696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	267744	159.56	ng	0.00
7) Phenol-d6	7.97	99	354899	123.09	ng	0.00
23) Nitrobenzene-d5	10.05	82	287589	105.99	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	228428	164.28	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	647442	100.53	ng	0.00
78) Terphenyl-d14	20.72	244	1571780	102.32	ng	0.00

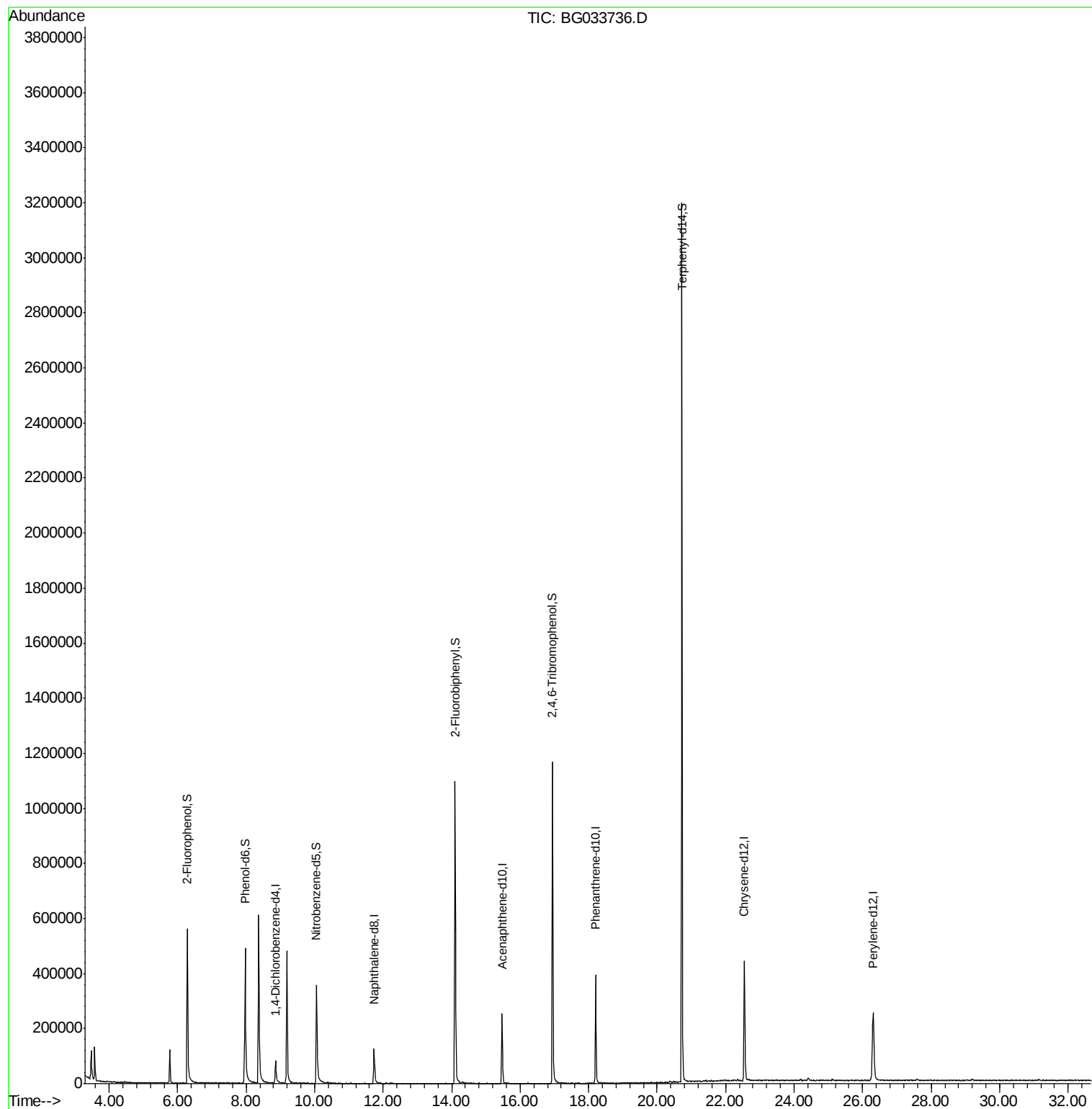
Target Compounds Qvalue

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

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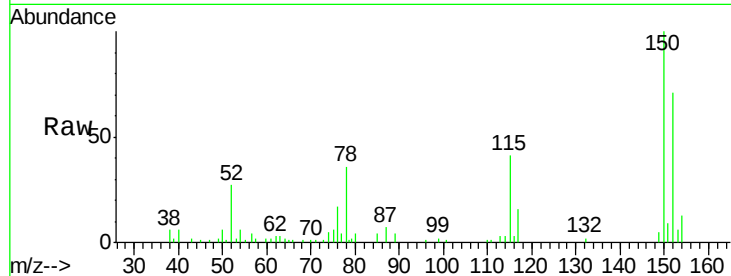




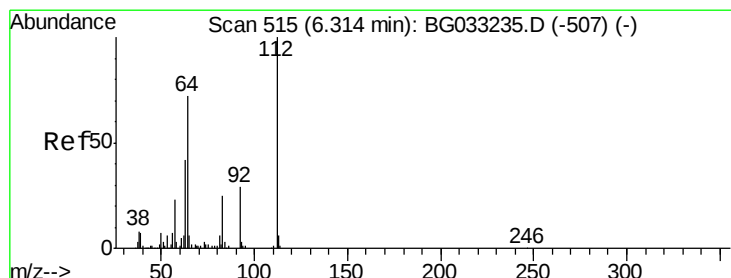
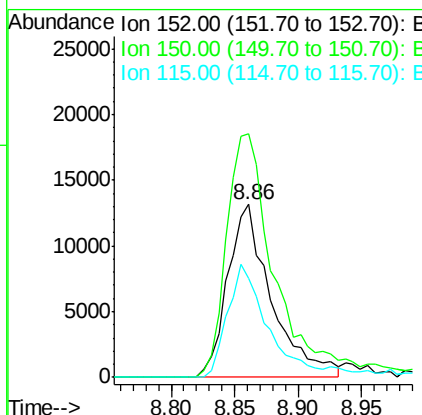
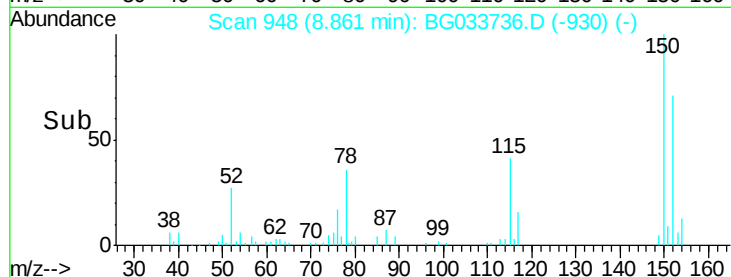
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Instrument :
 BNA_G
 ClientSampled :
 SP-1

Tot Ion:152 Resp: 31465
 Ion Ratio Lower Upper
 152 100
 150 141.0 126.6 189.8
 115 57.5 53.0 79.4

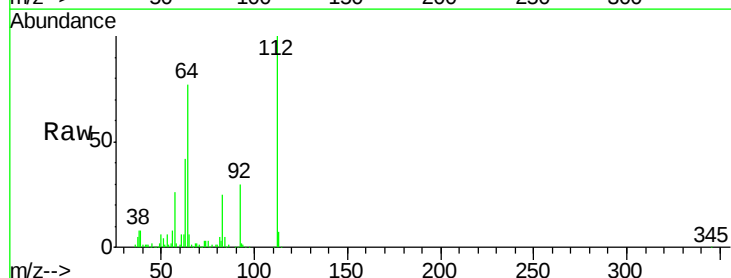


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

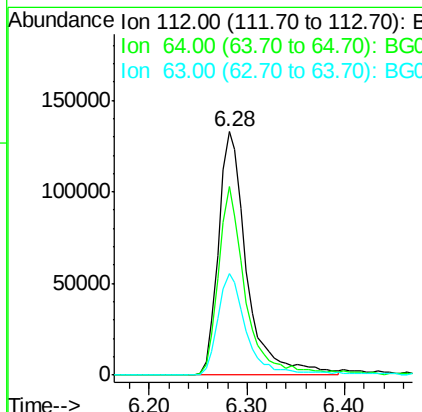
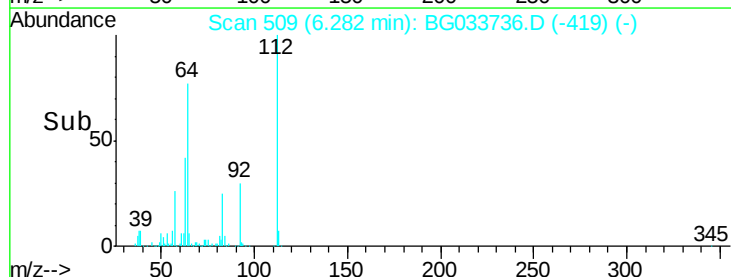


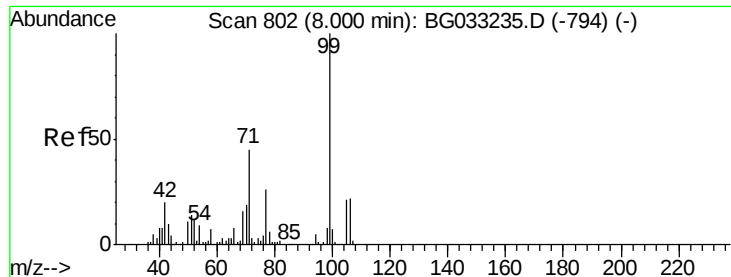
#5
 2-Fluorophenol
 Concen: 159.559 ng
 RT: 6.28 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Tgt Ion:112 Resp: 267744
 Ion Ratio Lower Upper
 112 100
 64 77.4 56.3 84.5
 63 41.9 30.1 45.1



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: 123.092 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

Instrument :

BNA_G

ClientSampleId :

SP-1

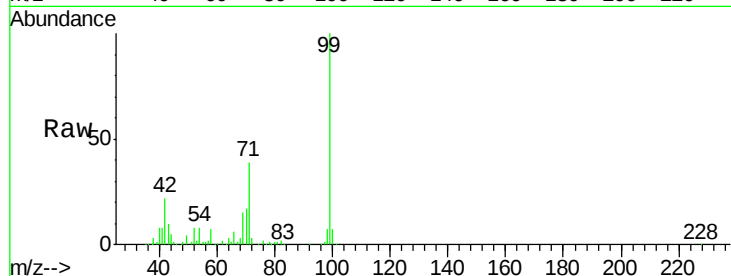
Tot Ion: 99 Resp: 354899

Ion Ratio Lower Upper

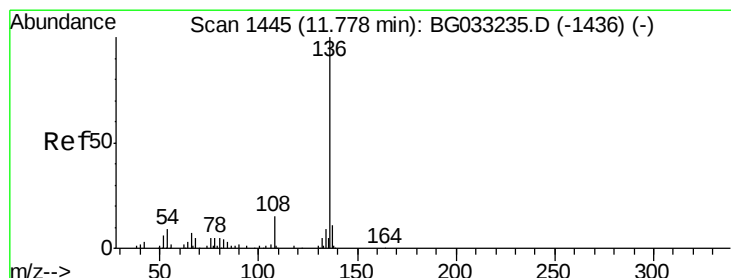
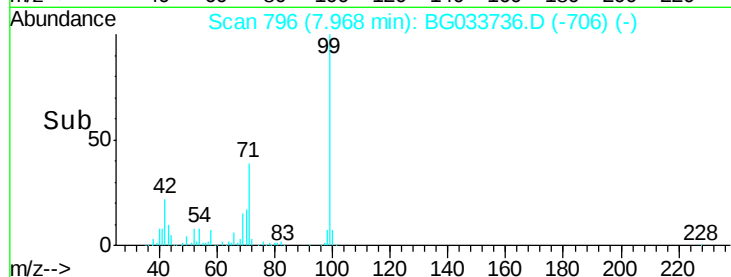
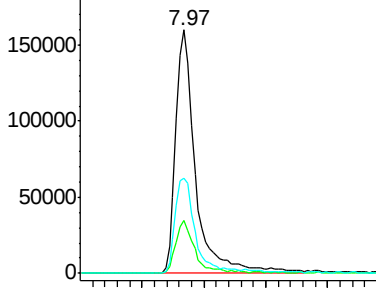
99 100

42 21.9 14.1 21.1#

71 39.0 26.1 39.1



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: 20.000 ng

RT: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

Tgt Ion: 136 Resp: 124662

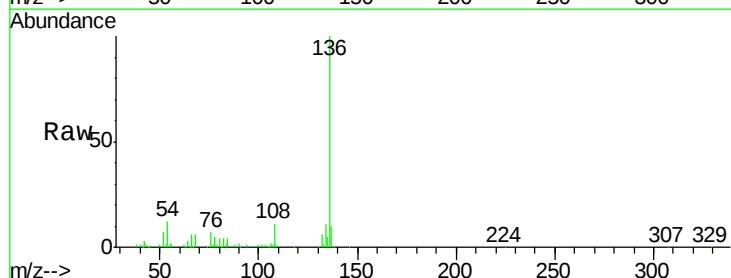
Ion Ratio Lower Upper

136 100

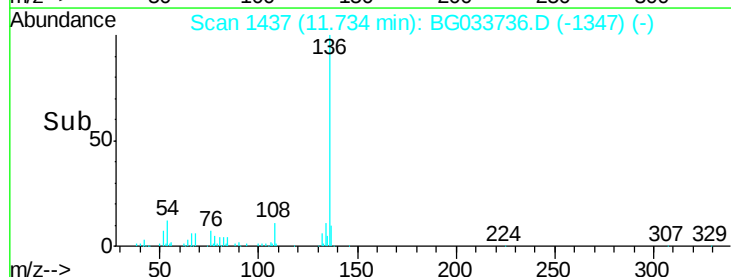
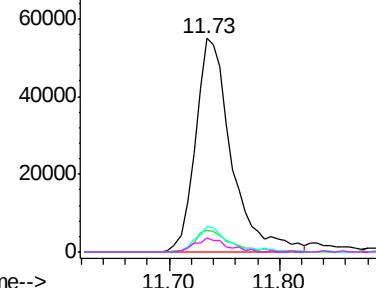
137 10.5 9.2 13.8

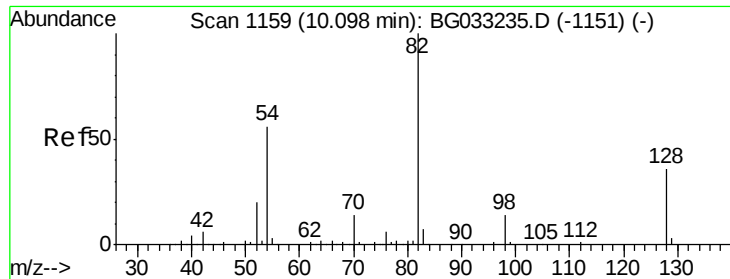
54 11.7 10.3 15.5

68 6.5 4.5 6.7



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

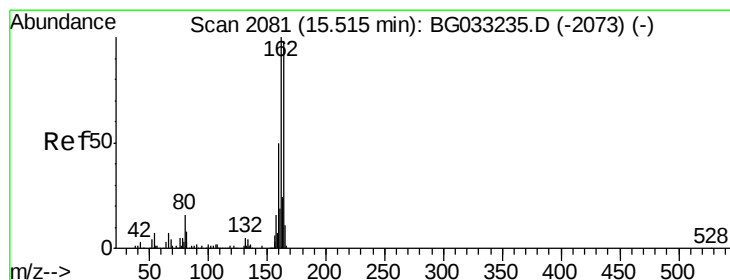
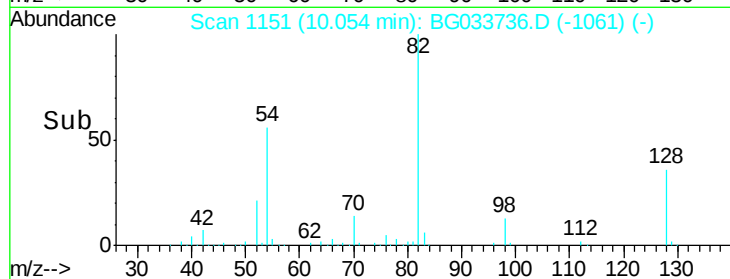
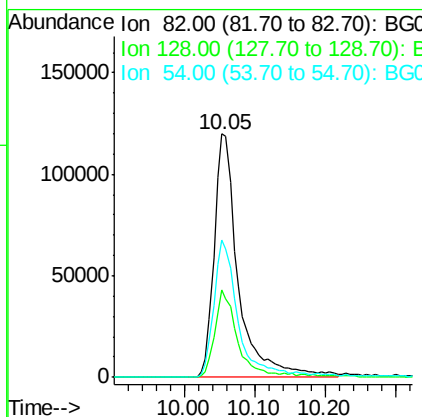
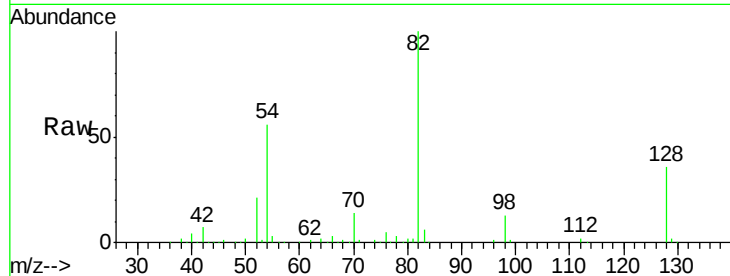




#23
 Nitrobenzene-d5
 Concen: 105.991 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

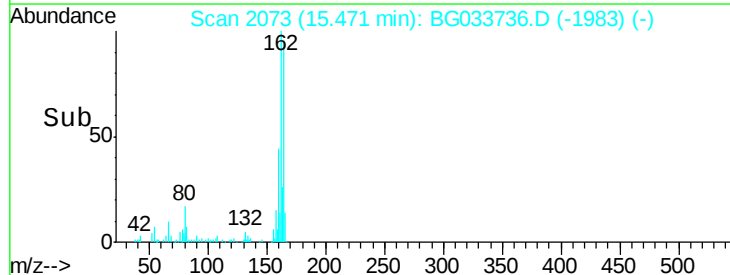
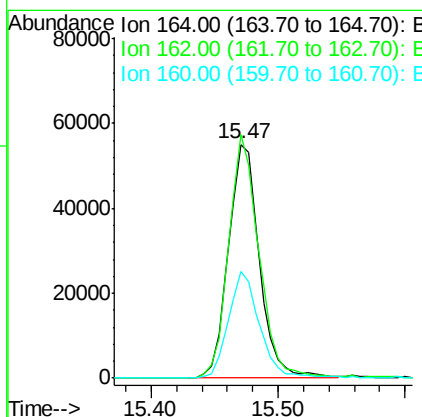
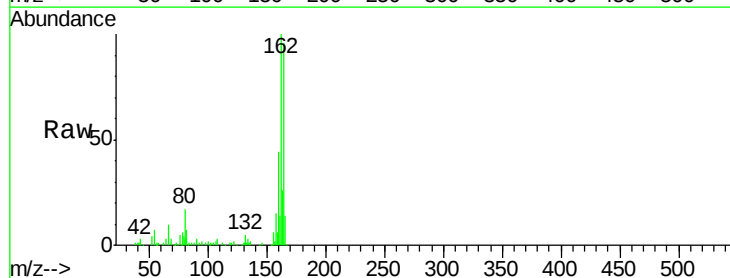
Instrument :
 BNA_G
 ClientSampleId :
 SP-1

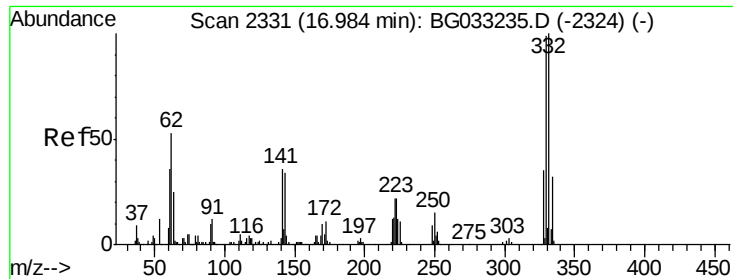
Tot Ion	82	Resp	287589
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.7	44.5
54	56.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Tgt Ion	164	Resp	92972
Ion Ratio	Lower	Upper	
164	100		
162	104.1	78.8	118.2
160	45.6	35.4	53.0

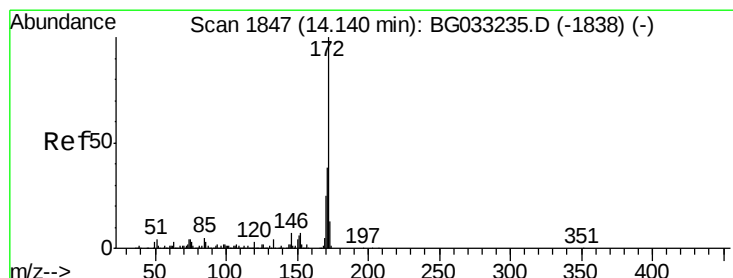
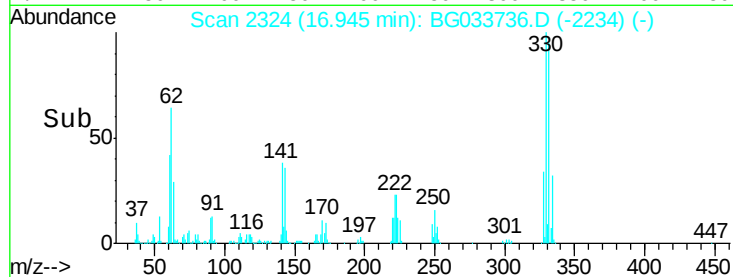
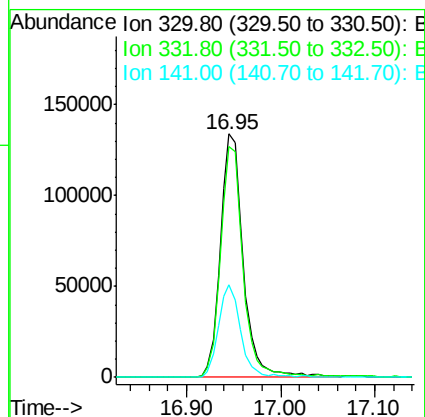
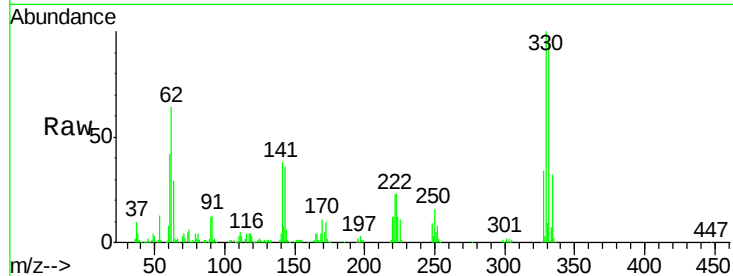




#41
 2,4,6-Tribromophenol
 Concen: 164.277 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

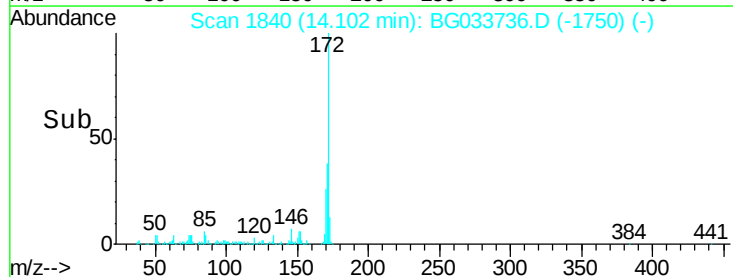
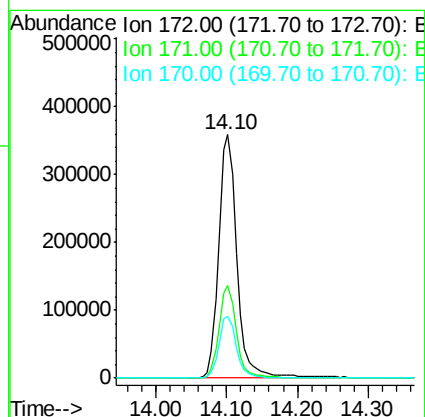
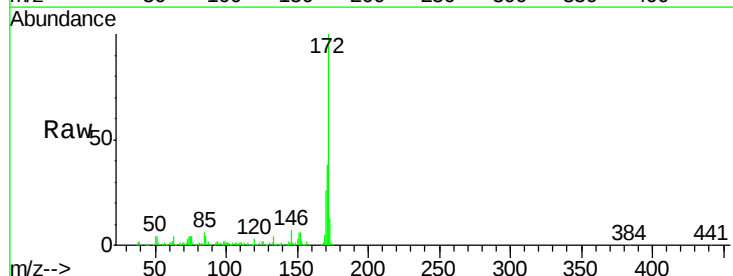
Instrument :
 BNA_G
 ClientSampleId :
 SP-1

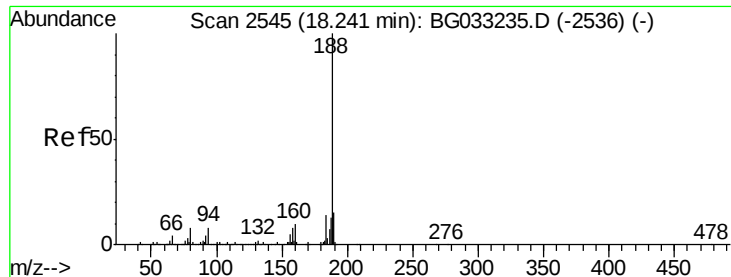
Tot Ion:330 Resp: 228428
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.0 115.6
 141 36.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 100.532 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033736.D
 Acq: 11 Apr 2018 6:54

Tgt Ion:172 Resp: 647442
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.6 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

Instrument :

BNA_G

ClientSampleId :

SP-1

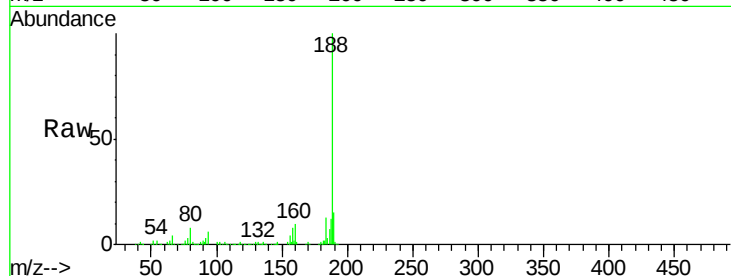
Tot Ion:188 Resp: 283864

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

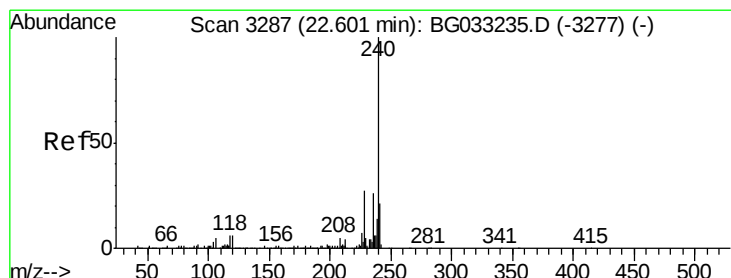
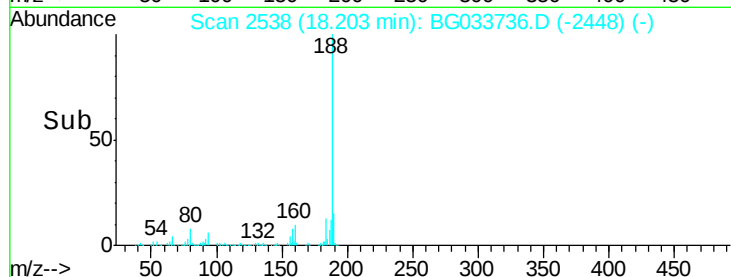
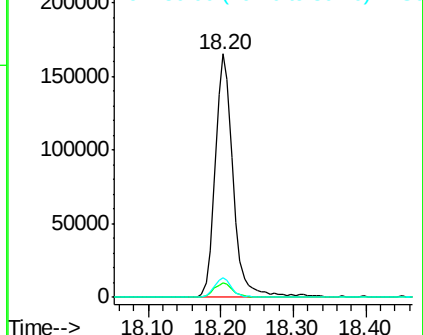
80 8.0 7.7 11.5



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: 20.000 ng

RT: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

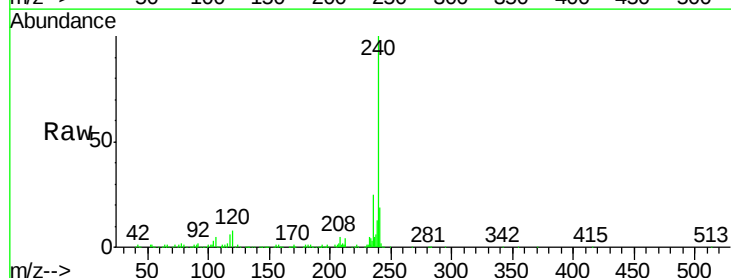
Tgt Ion:240 Resp: 328520

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

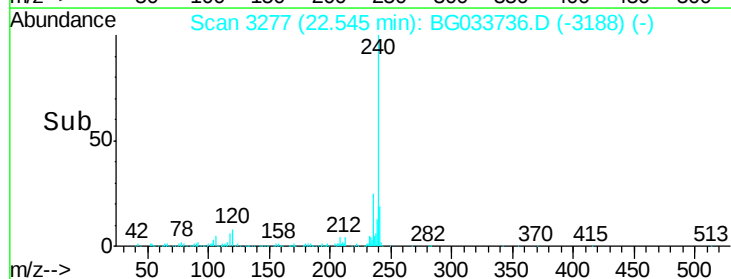
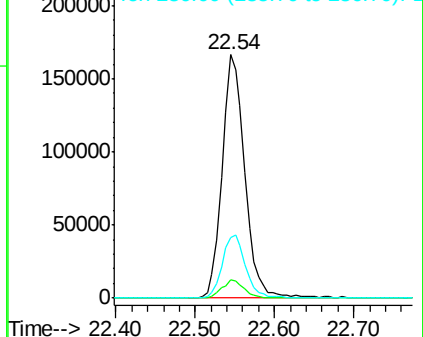
236 24.9 20.9 31.3

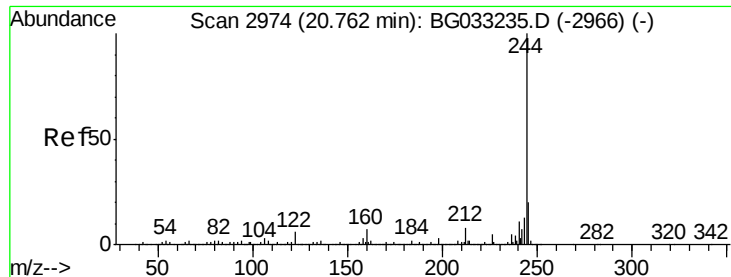


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.320 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

Instrument :

BNA_G

ClientSampleId :

SP-1

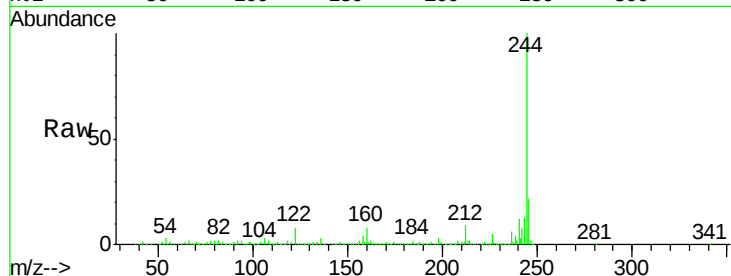
Tot Ion:244 Resp: 1571780

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

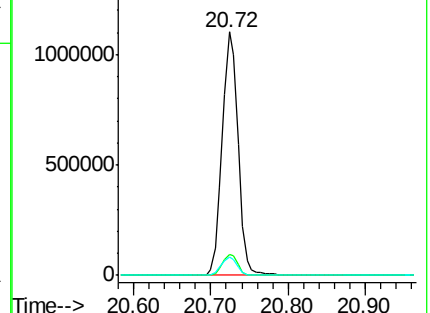
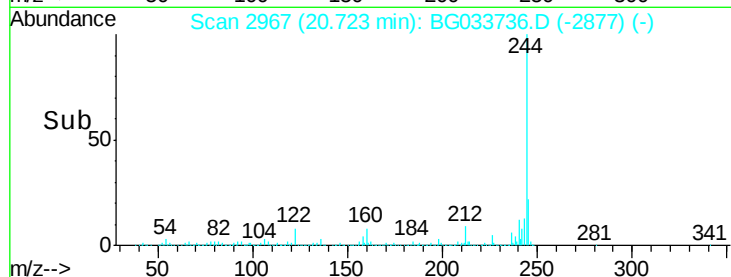
122 7.7 7.0 10.4



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: 20.000 ng

RT: 26.31 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033736.D

Acq: 11 Apr 2018 6:54

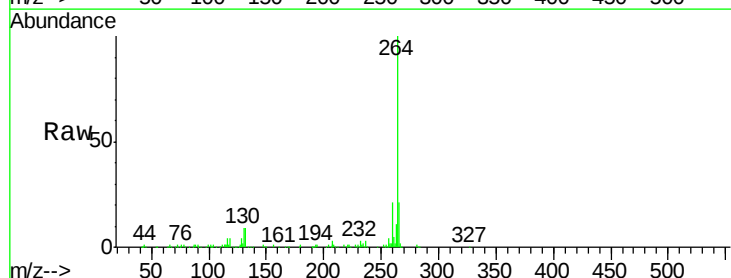
Tgt Ion:264 Resp: 346696

Ion Ratio Lower Upper

264 100

260 21.4 17.4 26.0

265 21.5 17.7 26.5



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

