

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032901.D
 Acq On : 28 Feb 2018 23:36
 Operator : SJ/JU
 Sample : J1699-28
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4

Quant Time: Mar 01 02:46:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

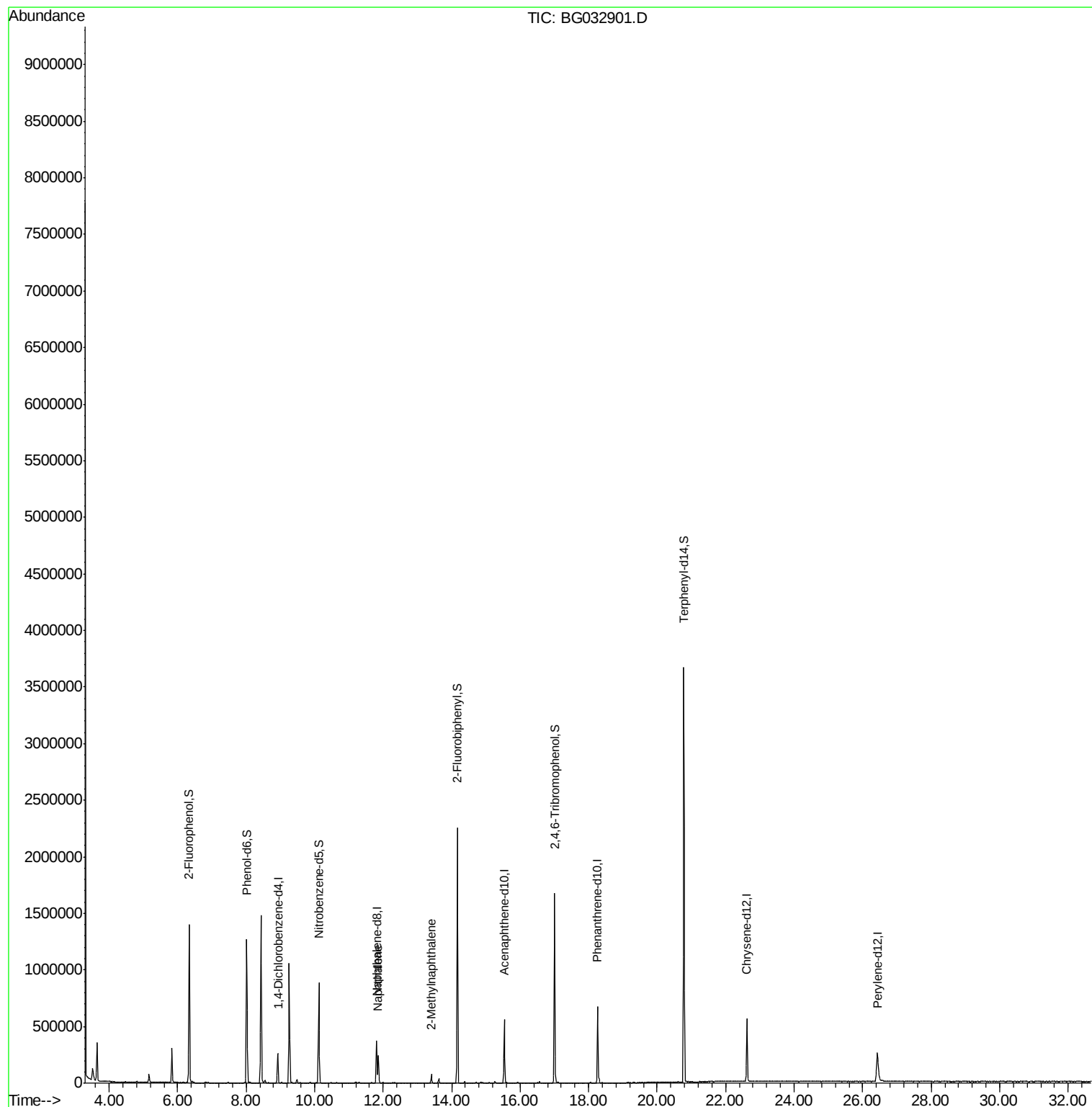
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	78020	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	343689	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	189993	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	421170	20.00	ng	0.00
75) Chrysene-d12	22.62	240	370533	20.00	ng	0.00
86) Perylene-d12	26.43	264	342454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	674594	138.33	ng	0.00
7) Phenol-d6	8.02	99	819332	120.54	ng	0.00
23) Nitrobenzene-d5	10.12	82	565033	110.70	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	296193	148.27	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1166134	88.52	ng	0.00
78) Terphenyl-d14	20.78	244	1658710	100.58	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	214819	11.962	ng	99
37) 2-Methylnaphthalene	13.41	142	38812	2.987	ng	92

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

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



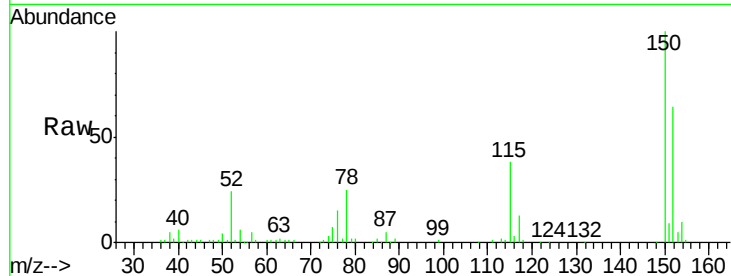


#1

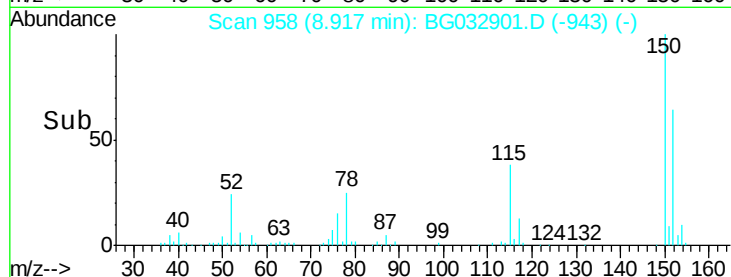
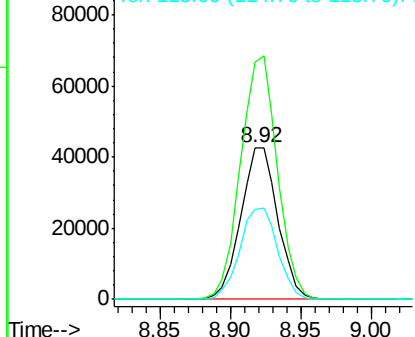
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampled :
B4

Tot Ion:152 Resp: 78020
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 59.4 53.0 79.4



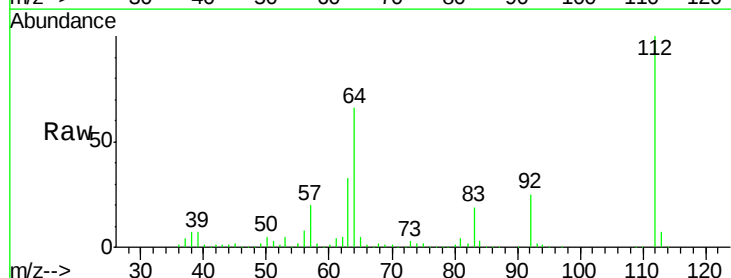
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



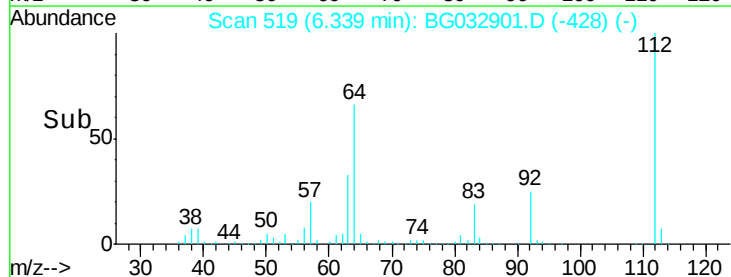
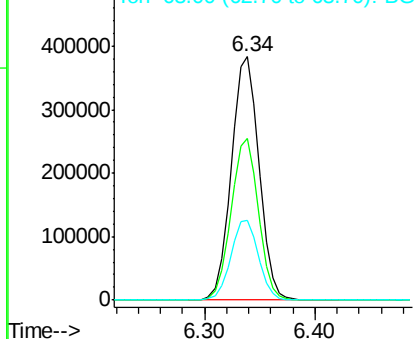
#5

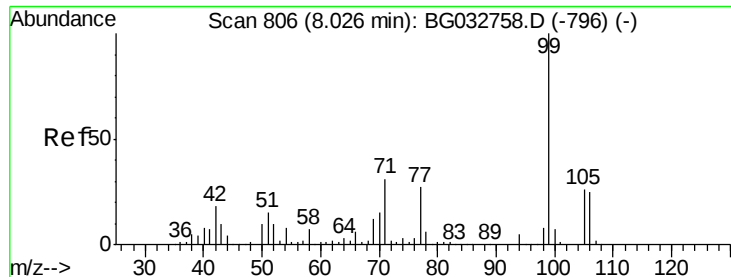
2-Fluorophenol
Concen: 138.330 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:112 Resp: 674594
Ion Ratio Lower Upper
112 100
64 66.4 56.3 84.5
63 32.8 30.1 45.1



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





#7

Phenol-d6

Concen: 120.536 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032901.D

Acq: 28 Feb 2018 23:36

Instrument :

BNA_G

ClientSampled :

B4

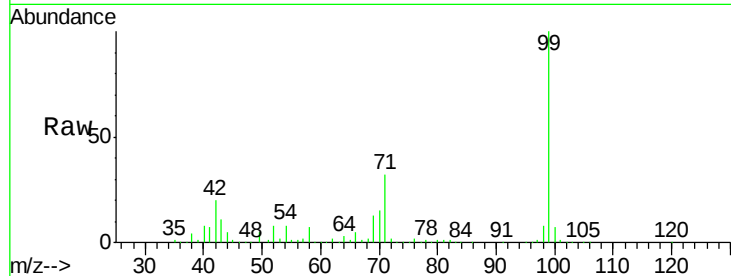
Tot Ion: 99 Resp: 819332

Ion Ratio Lower Upper

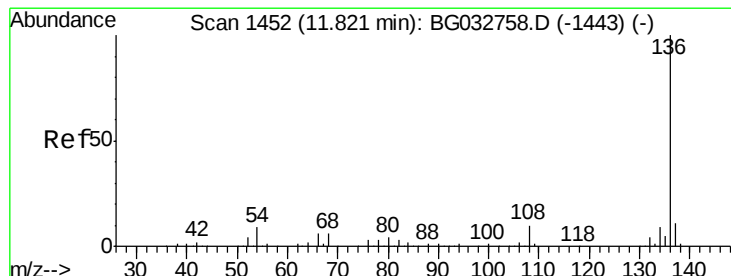
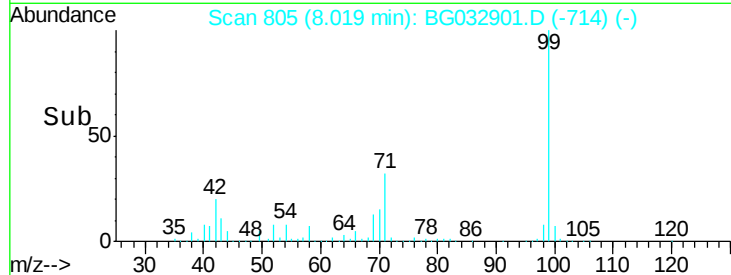
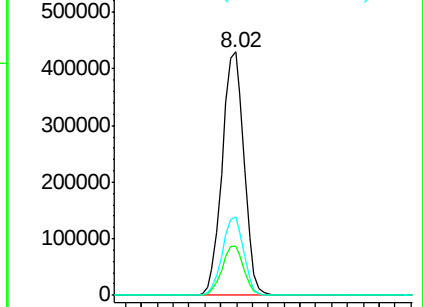
99 100

42 20.3 14.1 21.1

71 32.4 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: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032901.D

Acq: 28 Feb 2018 23:36

Tgt Ion: 136 Resp: 343689

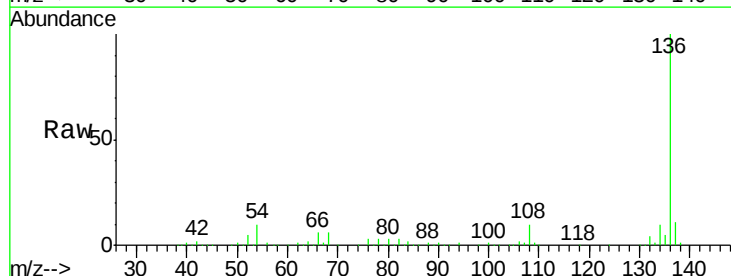
Ion Ratio Lower Upper

136 100

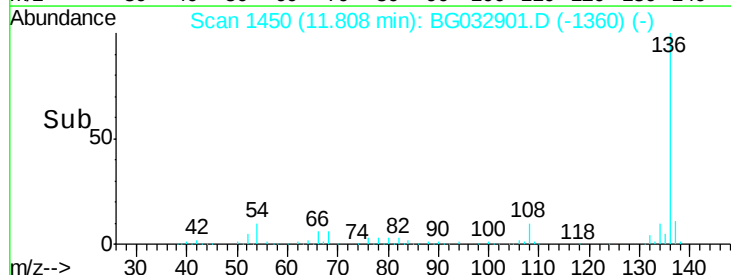
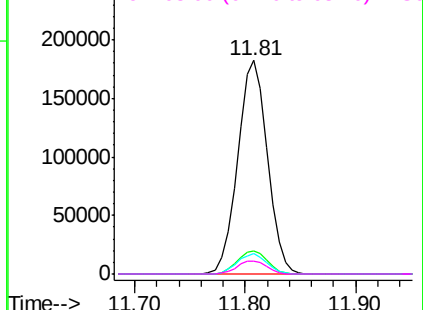
137 10.6 9.2 13.8

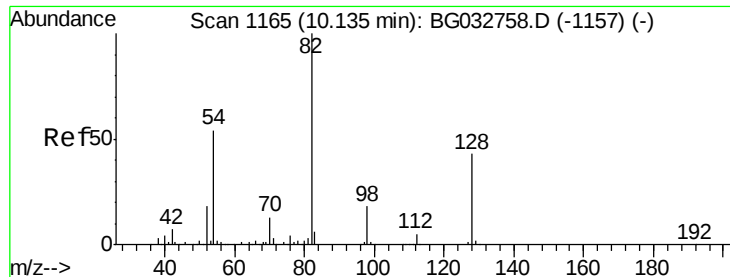
54 9.9 10.3 15.5#

68 5.8 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

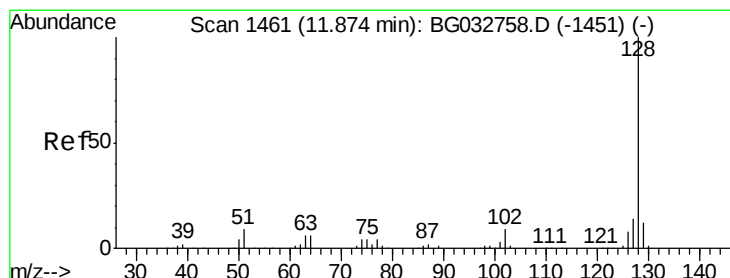
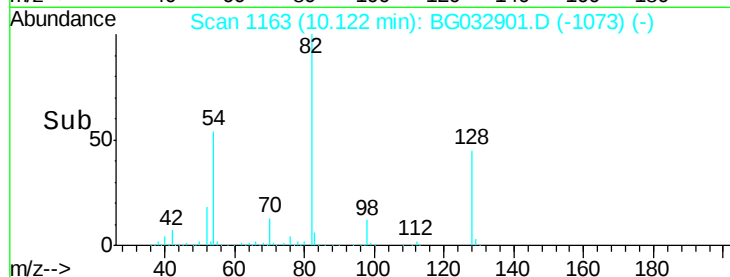
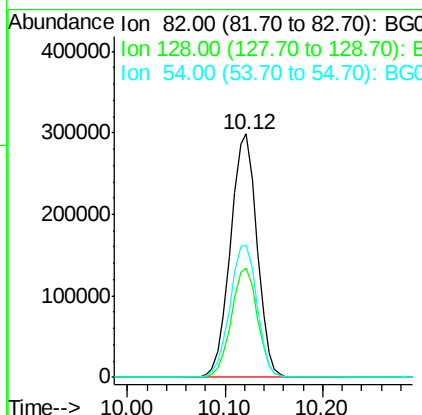
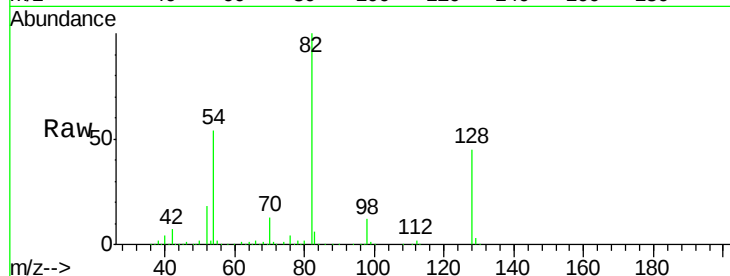




#23
 Nitrobenzene-d5
 Concen: 110.695 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032901.D
 Acq: 28 Feb 2018 23:36

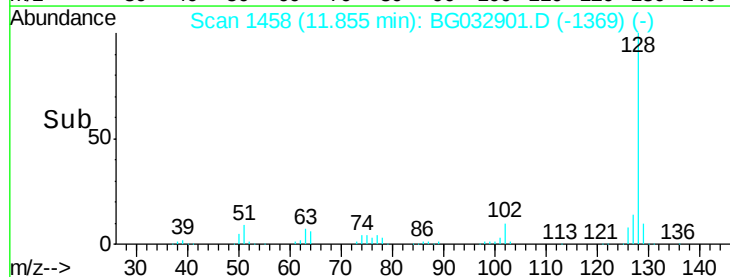
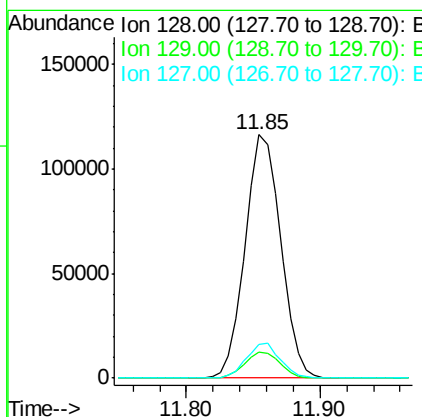
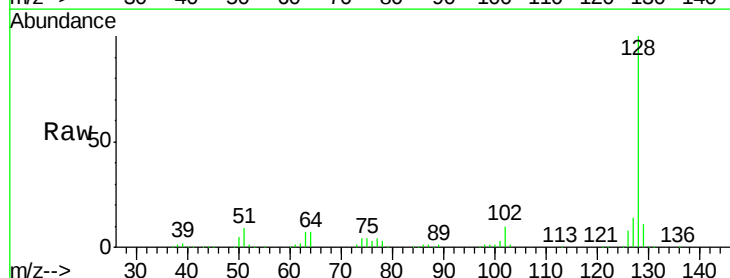
Instrument :
 BNA_G
 ClientSampled :
 B4

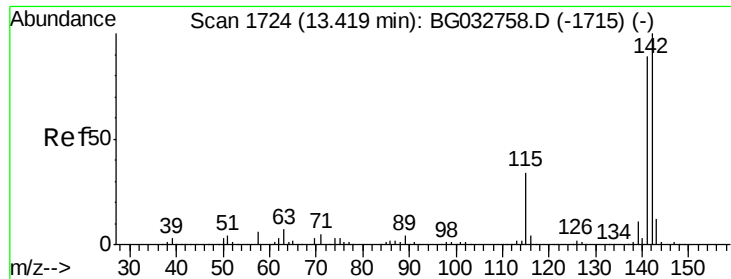
Tot Ion	82	Resp	565033
Ion Ratio	Lower	Upper	
82	100		
128	45.0	29.7	44.5#
54	54.4	43.1	64.7



#31
 Naphthalene
 Concen: 11.962 ng
 RT: 11.85 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG032901.D
 Acq: 28 Feb 2018 23:36

Tgt Ion	128	Resp	214819
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	13.7	11.6	17.4

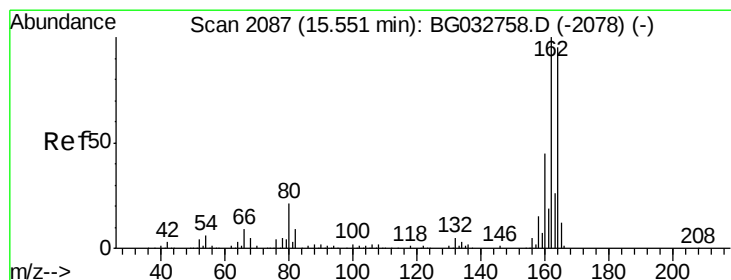
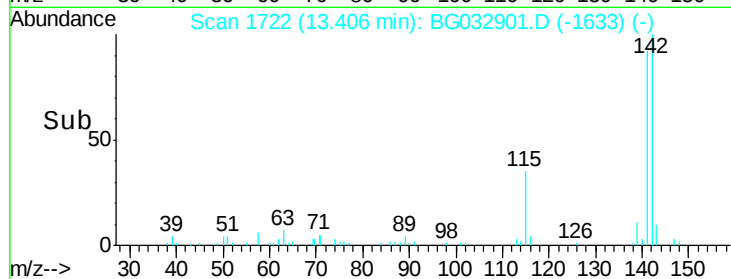
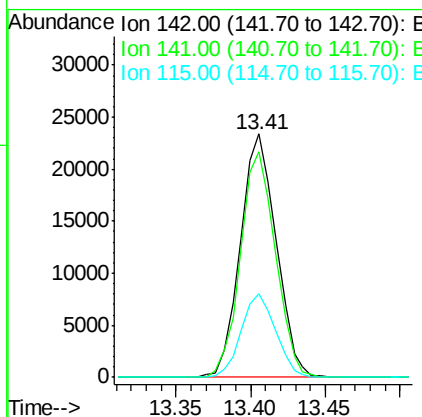
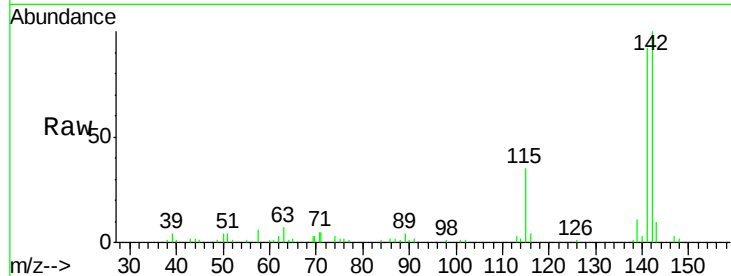




#37
 2-Methylnaphthalene
 Concen: 2.987 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG032901.D
 Acq: 28 Feb 2018 23:36

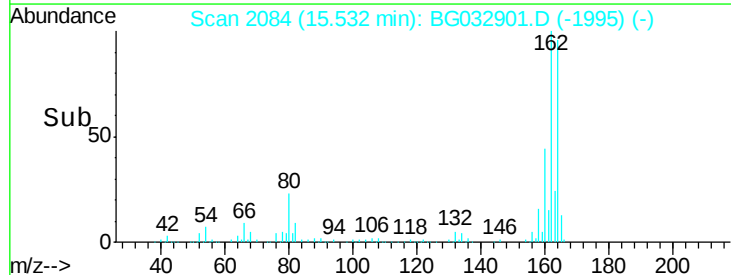
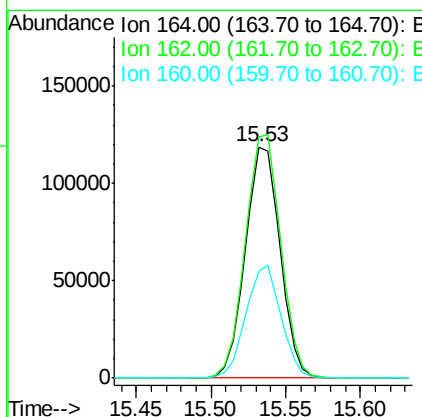
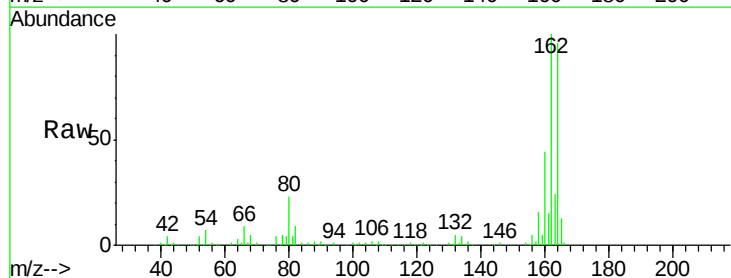
Instrument :
 BNA_G
 ClientSampleId :
 B4

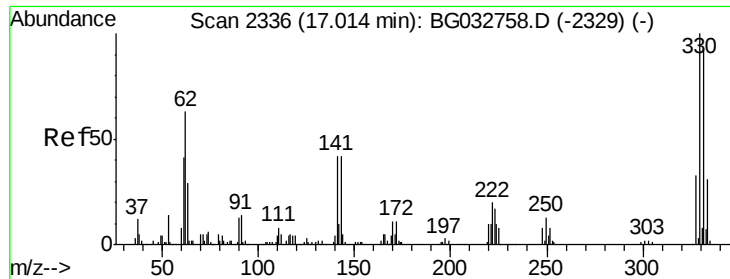
Tot Ion:142 Resp: 38812
 Ion Ratio Lower Upper
 142 100
 141 92.4 67.1 100.7
 115 34.6 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032901.D
 Acq: 28 Feb 2018 23:36

Tgt Ion:164 Resp: 189993
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 45.9 35.4 53.0

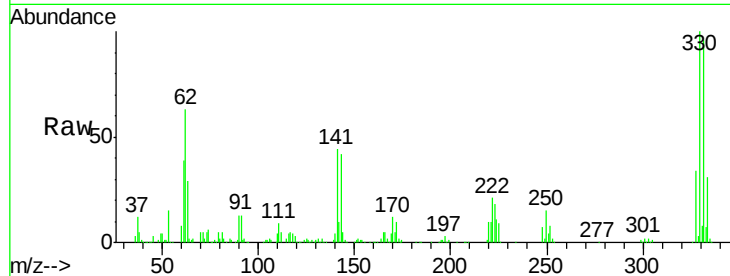




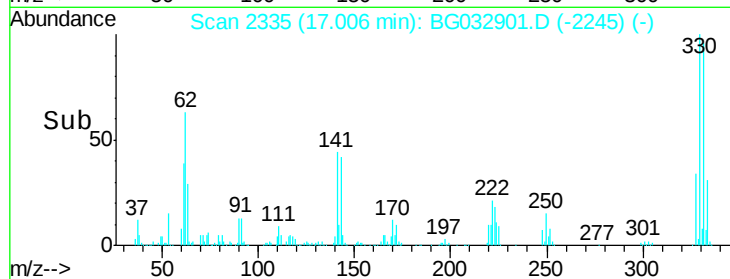
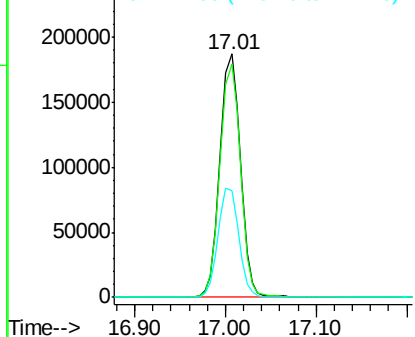
#41
 2,4,6-Tribromophenol
 Concen: 148.266 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032901.D
 Acq: 28 Feb 2018 23:36

Instrument :
 BNA_G
 ClientSampled :
 B4

Tot Ion:330 Resp: 296193
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 45.4 25.2 37.8#

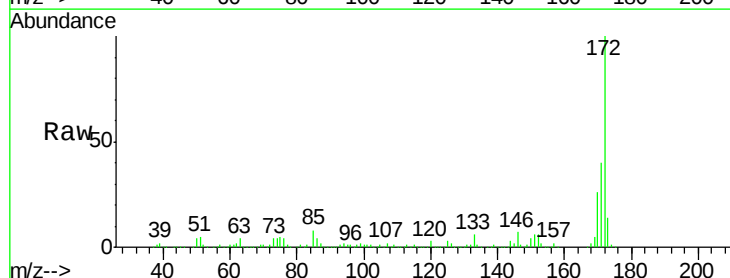


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

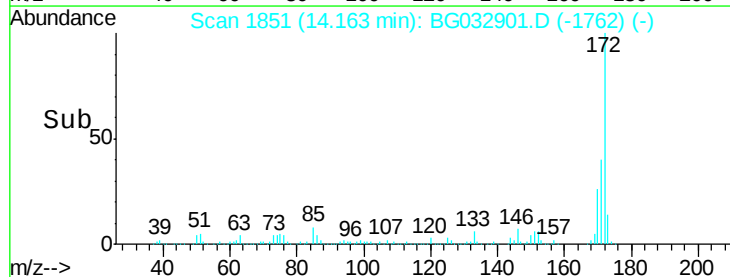
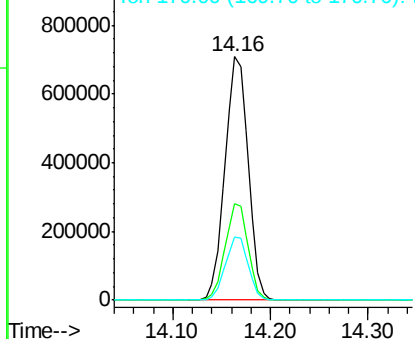


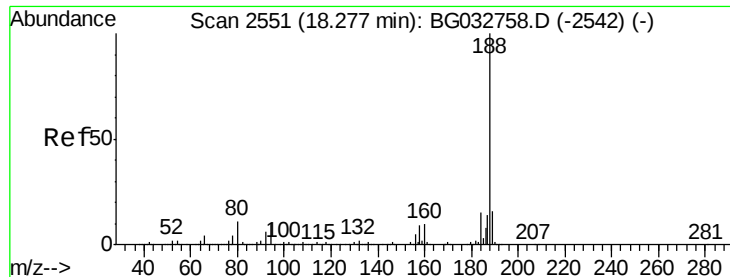
#44
 2-Fluorobiphenyl
 Concen: 88.522 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032901.D
 Acq: 28 Feb 2018 23:36

Tgt Ion:172 Resp: 1166134
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.0 45.0
 170 26.1 19.5 29.3



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: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032901.D

Acq: 28 Feb 2018 23:36

Instrument :

BNA_G

ClientSampleId :

B4

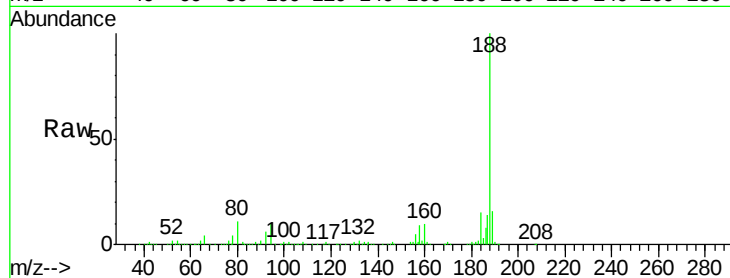
Tot Ion:188 Resp: 421170

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

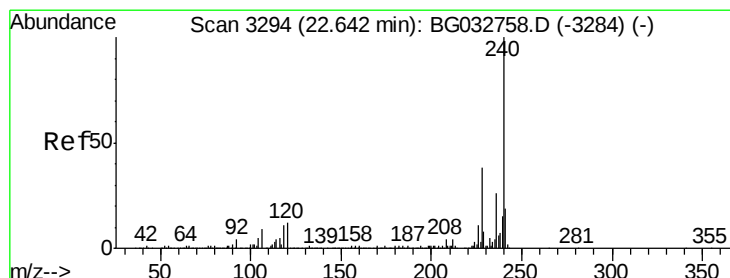
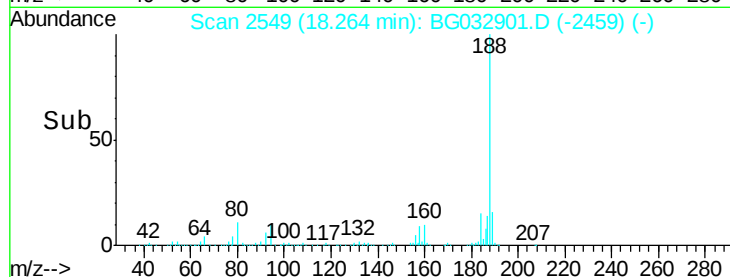
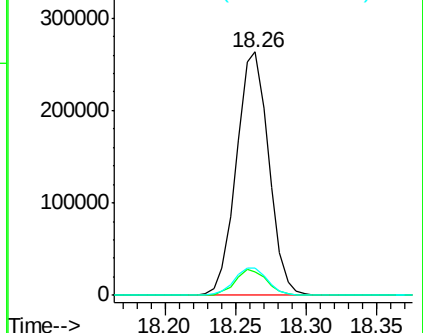
80 11.1 7.7 11.5



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: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032901.D

Acq: 28 Feb 2018 23:36

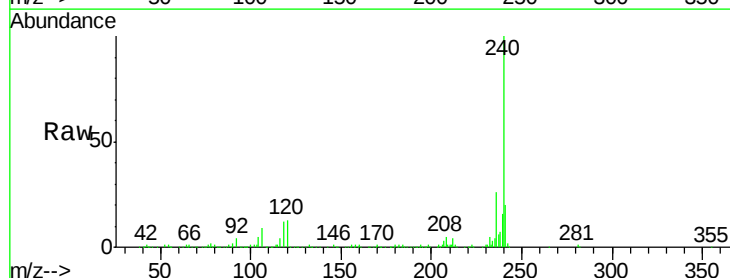
Tgt Ion:240 Resp: 370533

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

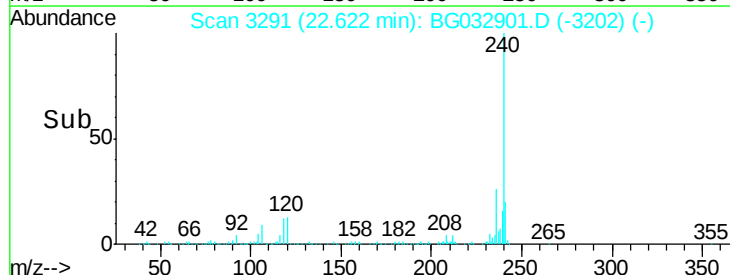
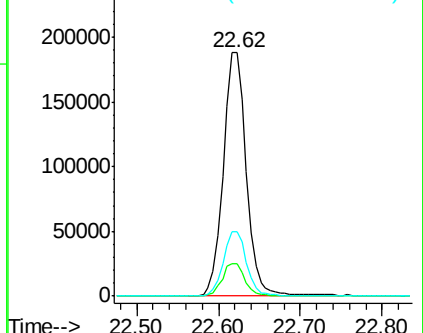
236 26.4 20.9 31.3

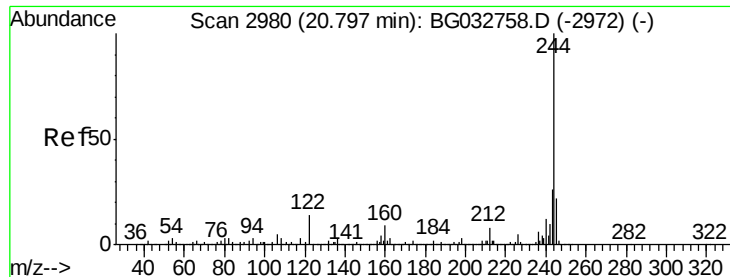


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.576 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032901.D

Acq: 28 Feb 2018 23:36

Instrument :

BNA_G

ClientSampleId :

B4

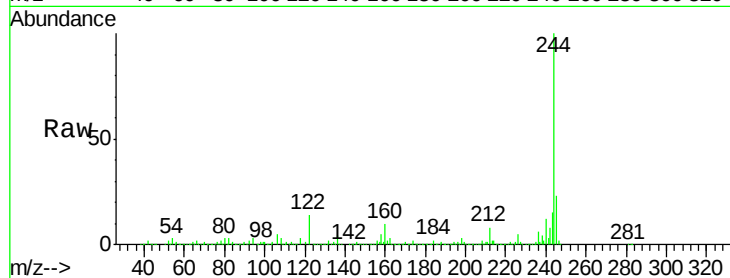
Tot Ion:244 Resp: 1658710

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

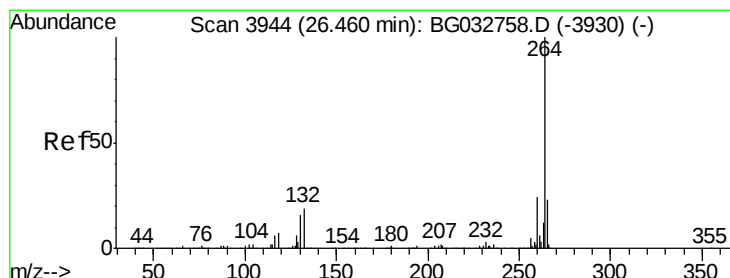
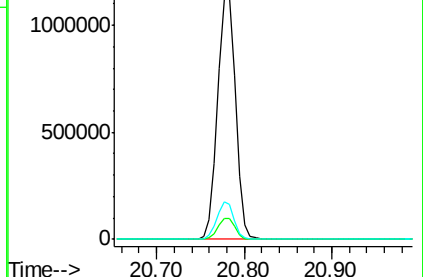
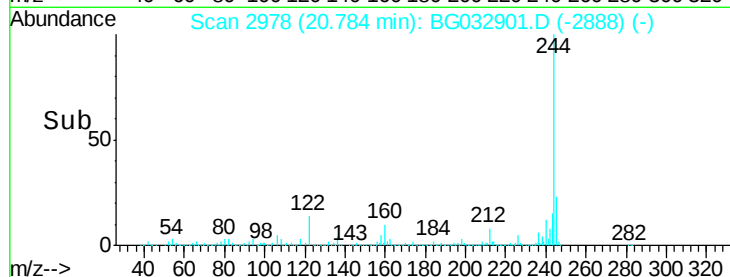
122 14.2 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032901.D

Acq: 28 Feb 2018 23:36

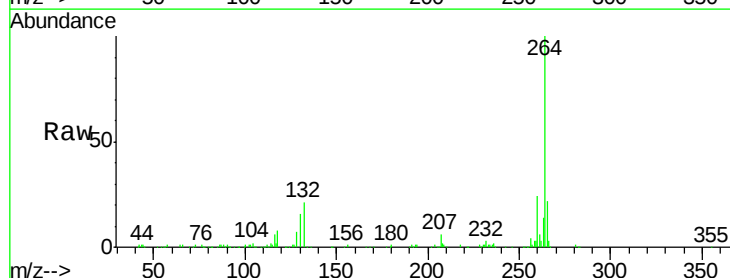
Tgt Ion:264 Resp: 342454

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.1 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

