

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032972.D
 Acq On : 3 Mar 2018 8:36
 Operator : SJ/JU
 Sample : J1778-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 05 02:26:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

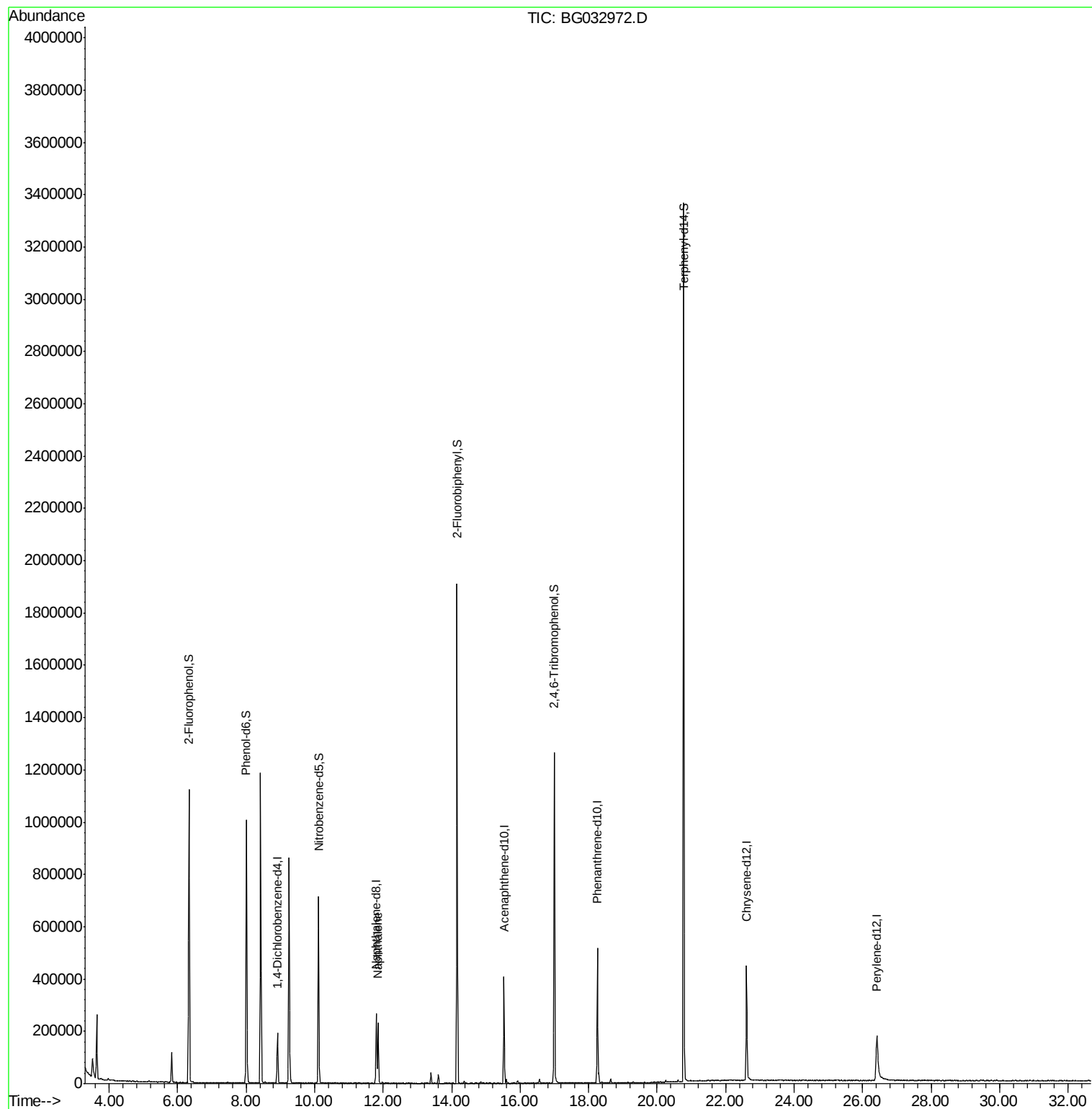
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	56633	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	244843	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	137341	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	319480	20.00	ng	0.00
75) Chrysene-d12	22.61	240	291692	20.00	ng	0.00
86) Perylene-d12	26.42	264	274321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	526247	148.66	ng	0.00
7) Phenol-d6	8.01	99	638425	129.39	ng	0.00
23) Nitrobenzene-d5	10.11	82	455662	124.00	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	220410	152.63	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	954341	100.22	ng	0.00
78) Terphenyl-d14	20.77	244	1496228	115.25	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	200116	15.641	ng	Qvalue 96

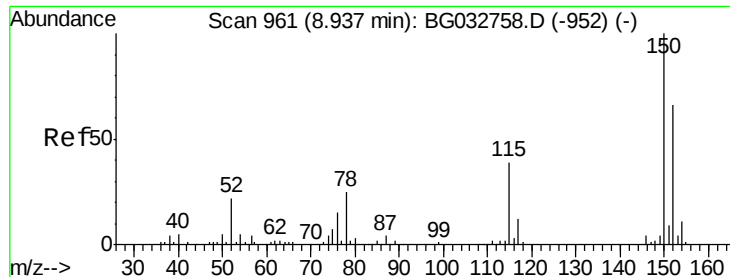
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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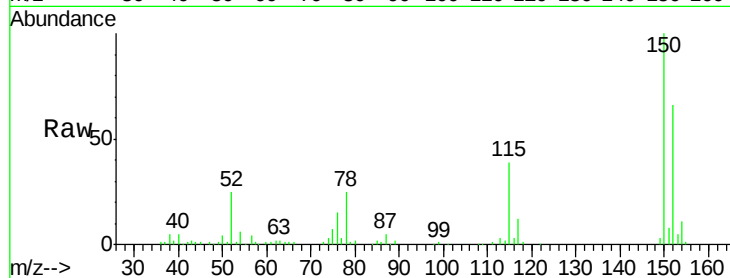


#1

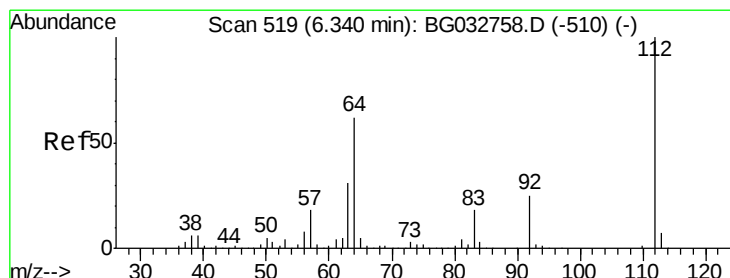
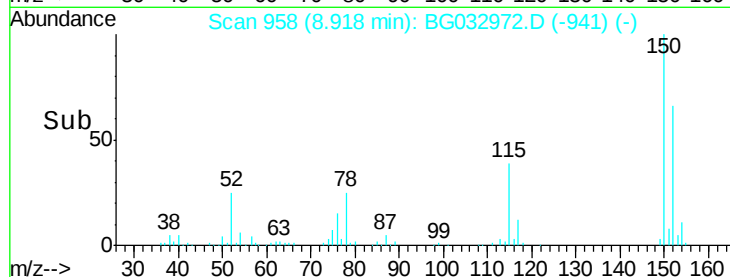
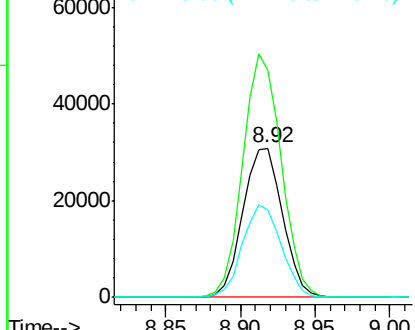
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032972.D
Acq: 3 Mar 2018 8:36

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:152 Resp: 56633
Ion Ratio Lower Upper
152 100
150 151.9 126.6 189.8
115 58.6 53.0 79.4



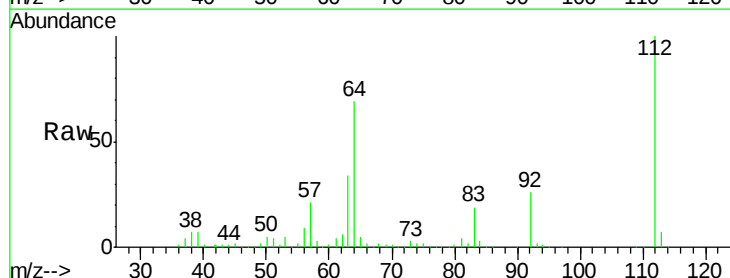
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



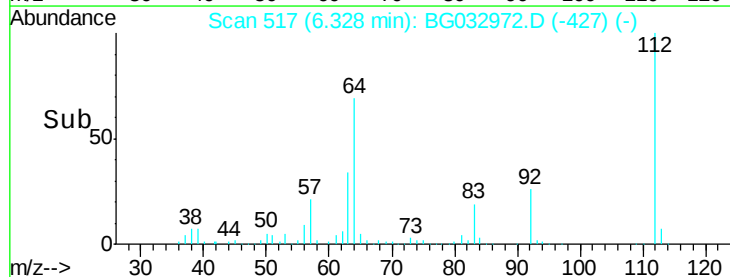
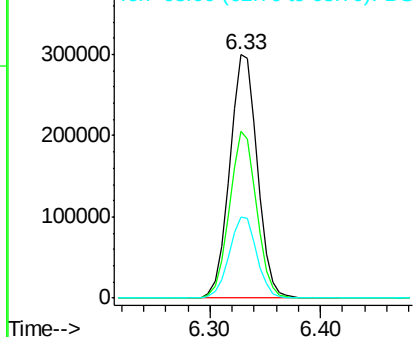
#5

2-Fluorophenol
Concen: 148.662 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG032972.D
Acq: 3 Mar 2018 8:36

Tgt Ion:112 Resp: 526247
Ion Ratio Lower Upper
112 100
64 68.7 56.3 84.5
63 33.5 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: 129.390 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032972.D

Acq: 3 Mar 2018 8:36

Instrument :

BNA_G

ClientSampleId :

TP-3

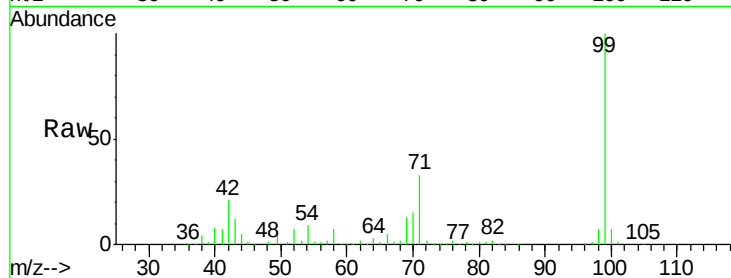
Tot Ion: 99 Resp: 638425

Ion Ratio Lower Upper

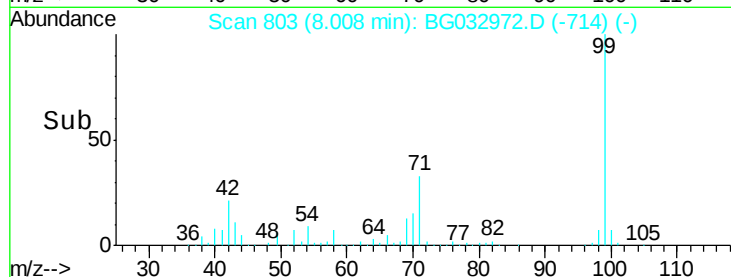
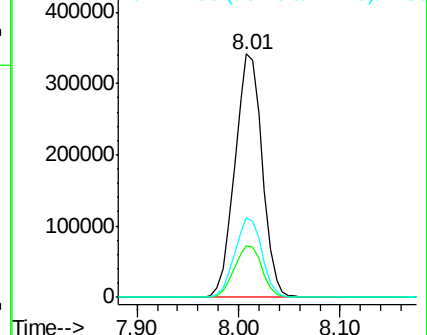
99 100

42 21.2 14.1 21.1#

71 32.7 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: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG032972.D

Acq: 3 Mar 2018 8:36

Tgt Ion: 136 Resp: 244843

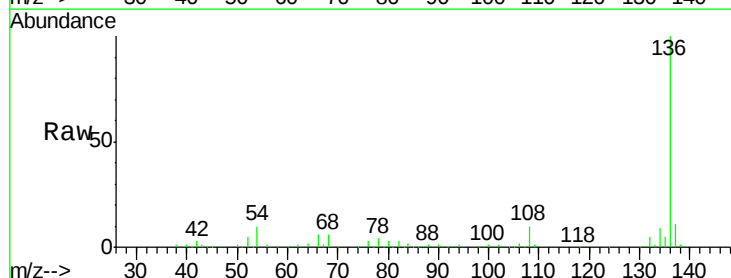
Ion Ratio Lower Upper

136 100

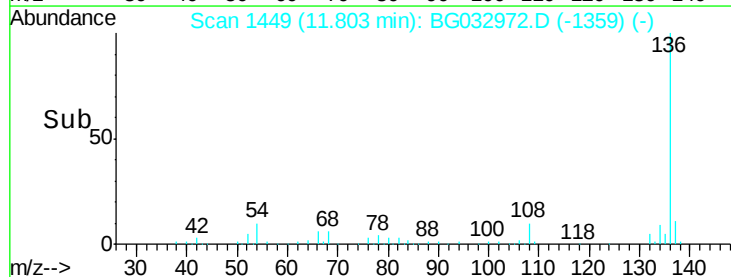
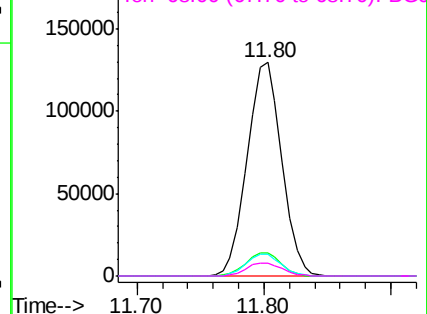
137 10.6 9.2 13.8

54 10.0 10.3 15.5#

68 6.3 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

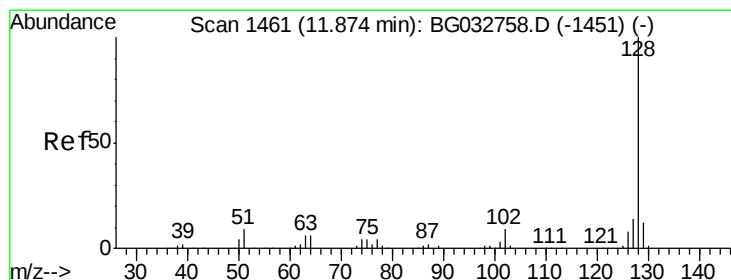
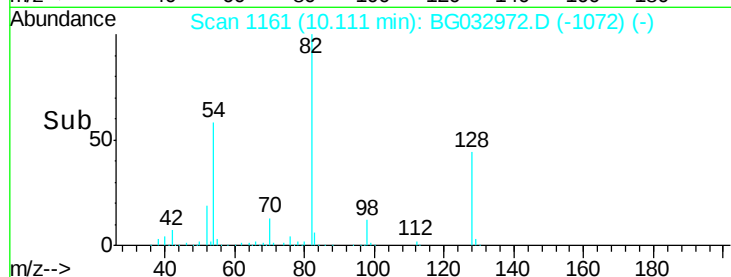
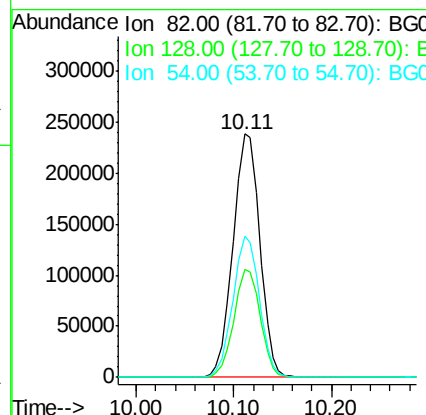
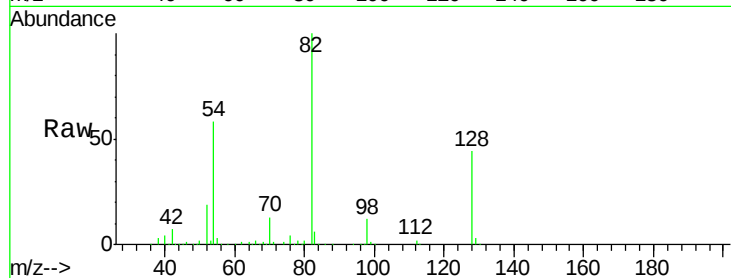




#23
Nitrobenzene-d5
Concen: 123.999 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG032972.D
Acq: 3 Mar 2018 8:36

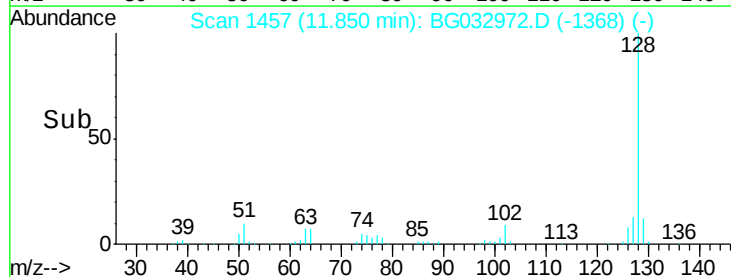
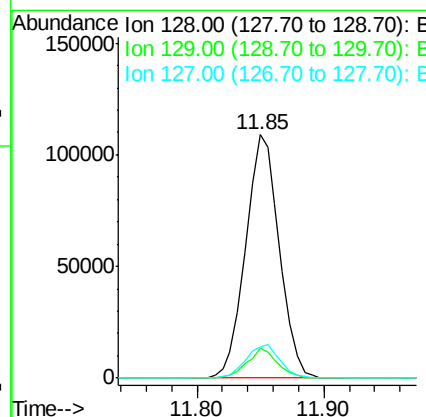
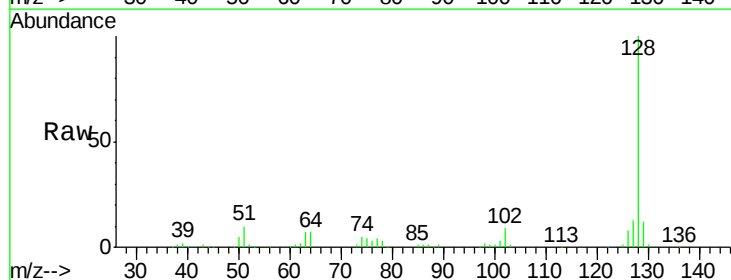
Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion: 82 Resp: 455662
Ion Ratio Lower Upper
82 100
128 44.1 29.7 44.5
54 58.0 43.1 64.7



#31
Naphthalene
Concen: 15.641 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BG032972.D
Acq: 3 Mar 2018 8:36

Tgt Ion: 128 Resp: 200116
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 12.7 11.6 17.4

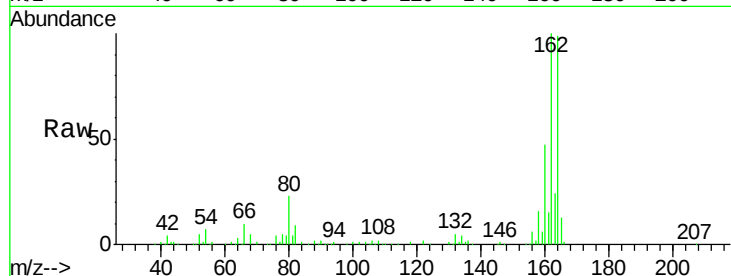




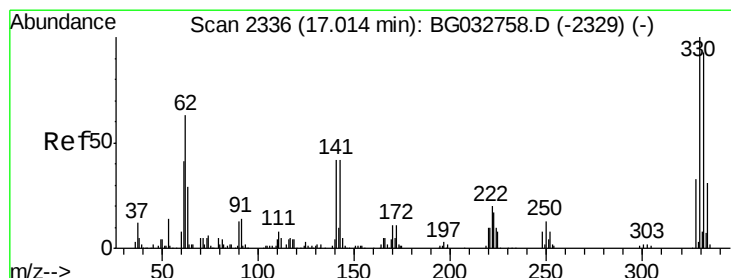
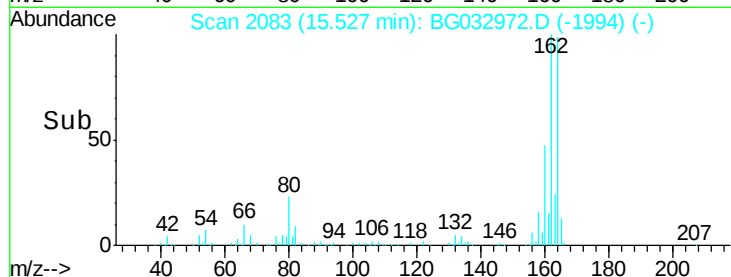
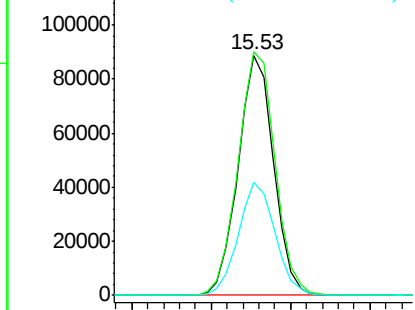
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG032972.D
Acq: 3 Mar 2018 8:36

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:164 Resp: 137341
Ion Ratio Lower Upper
164 100
162 101.4 78.8 118.2
160 47.2 35.4 53.0

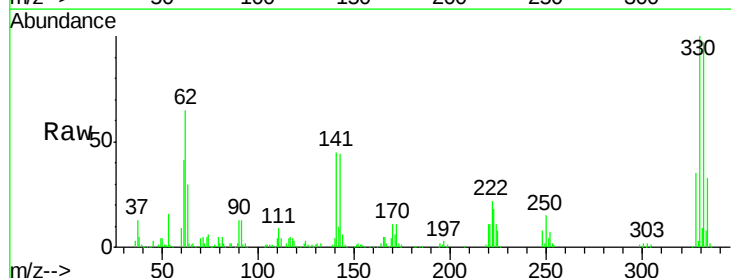


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

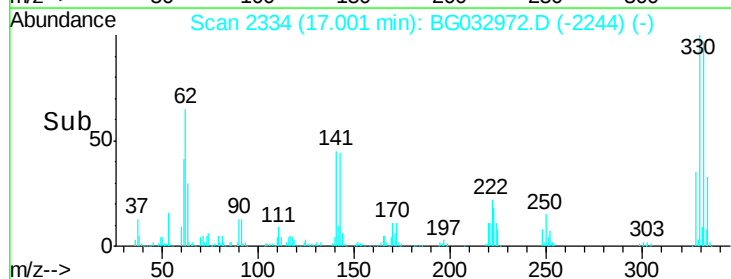
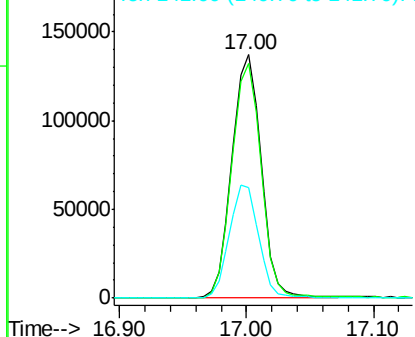


#41
2,4,6-Tribromophenol
Concen: 152.629 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG032972.D
Acq: 3 Mar 2018 8:36

Tgt Ion:330 Resp: 220410
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 46.6 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

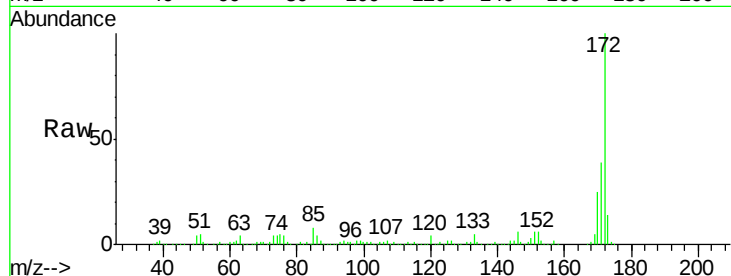




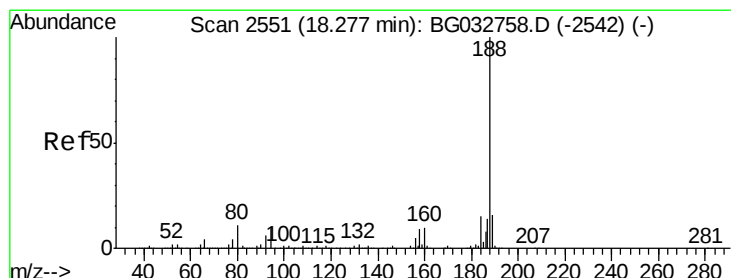
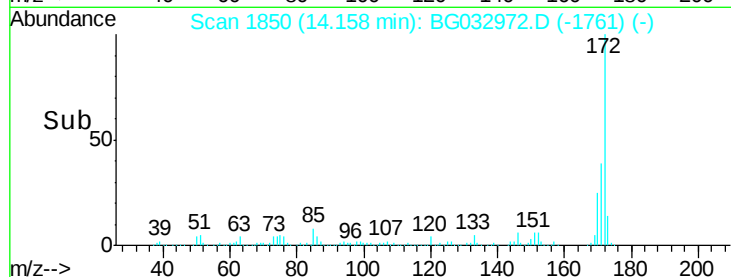
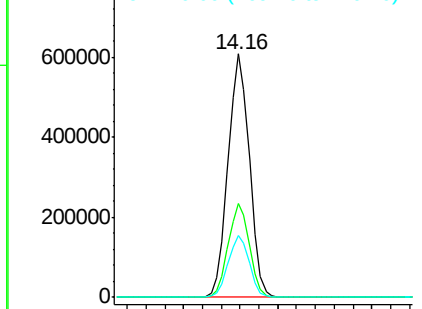
#44
 2-Fluorobiphenyl
 Concen: 100.218 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032972.D
 Acq: 3 Mar 2018 8:36

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion:172 Resp: 954341
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.2 19.5 29.3

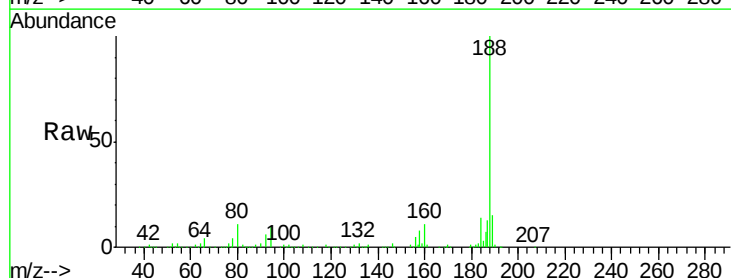


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

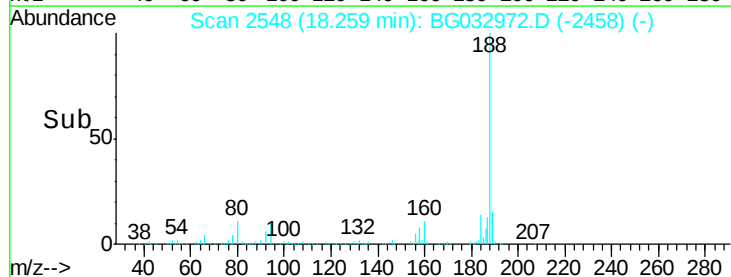
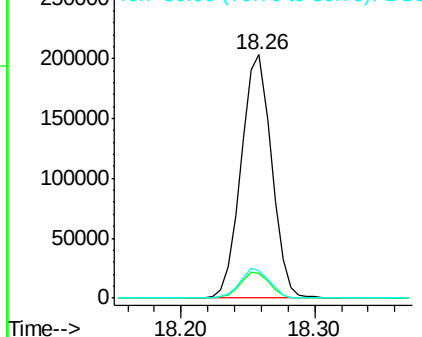


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG032972.D
 Acq: 3 Mar 2018 8:36

Tgt Ion:188 Resp: 319480
 Ion Ratio Lower Upper
 188 100
 94 10.4 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): BG
 Ion 80.00 (79.70 to 80.70): BG

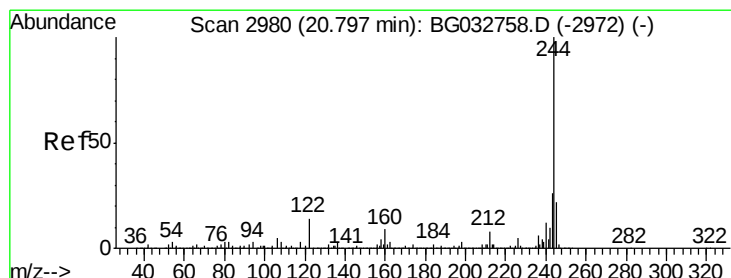
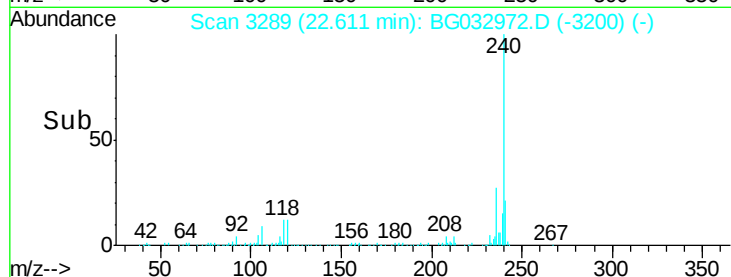
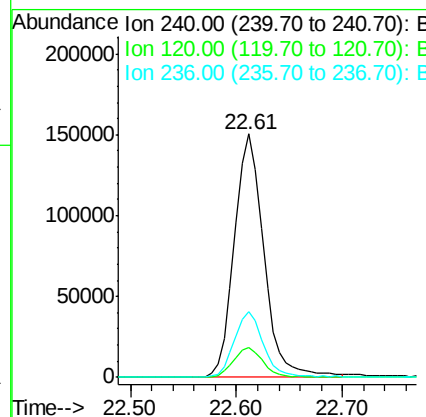
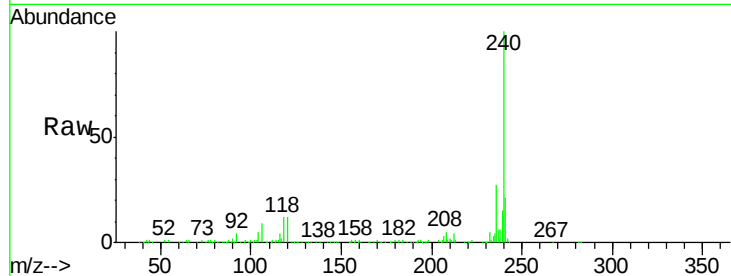




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG032972.D
 Acq: 3 Mar 2018 8:36

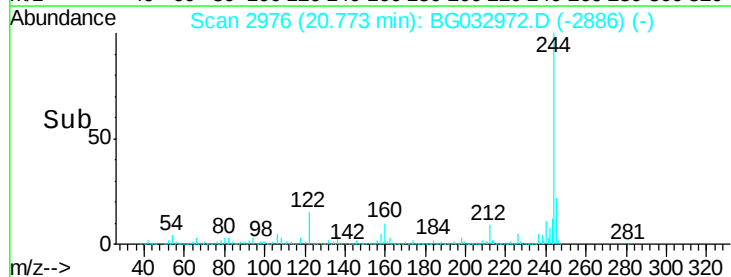
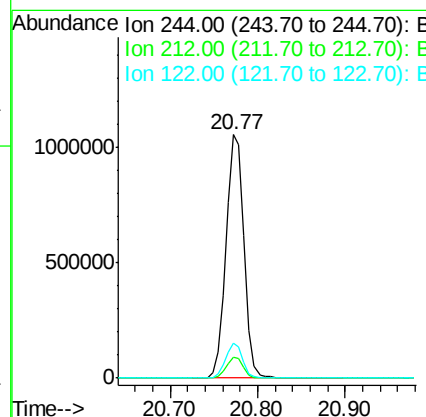
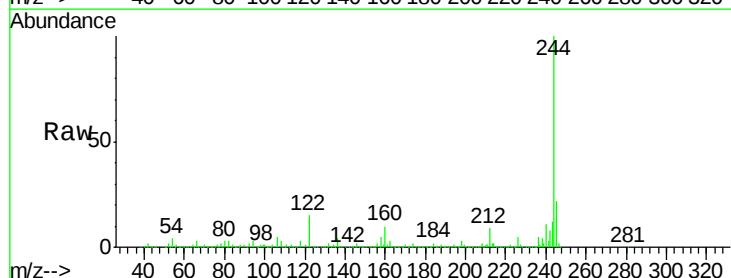
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

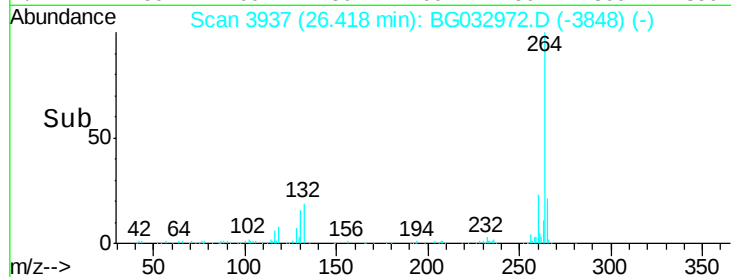
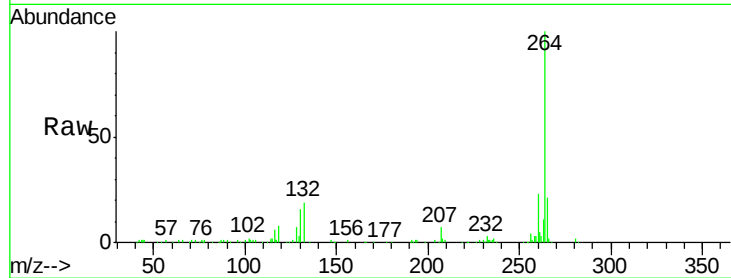
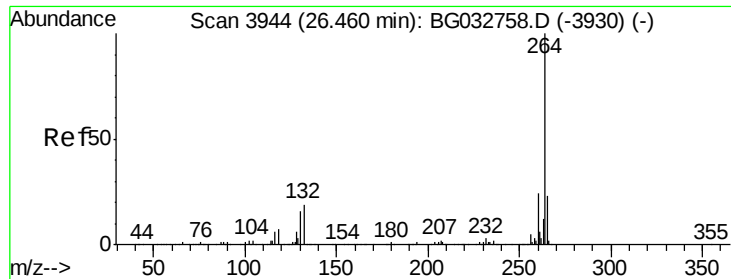
Tot Ion:240 Resp: 291692
 Ion Ratio Lower Upper
 240 100
 120 12.2 6.8 10.2#
 236 26.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 115.245 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BG032972.D
 Acq: 3 Mar 2018 8:36

Tgt Ion:244 Resp: 1496228
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 14.5 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3937
Delta R.T. -0.01 min
Lab File: BG032972.D
Acq: 3 Mar 2018 8:36

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:	264	Resp:	274321
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.8	17.7	26.5

