

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032929.D
 Acq On : 1 Mar 2018 22:39
 Operator : SJ/JU
 Sample : J1719-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 02 10:35:46 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

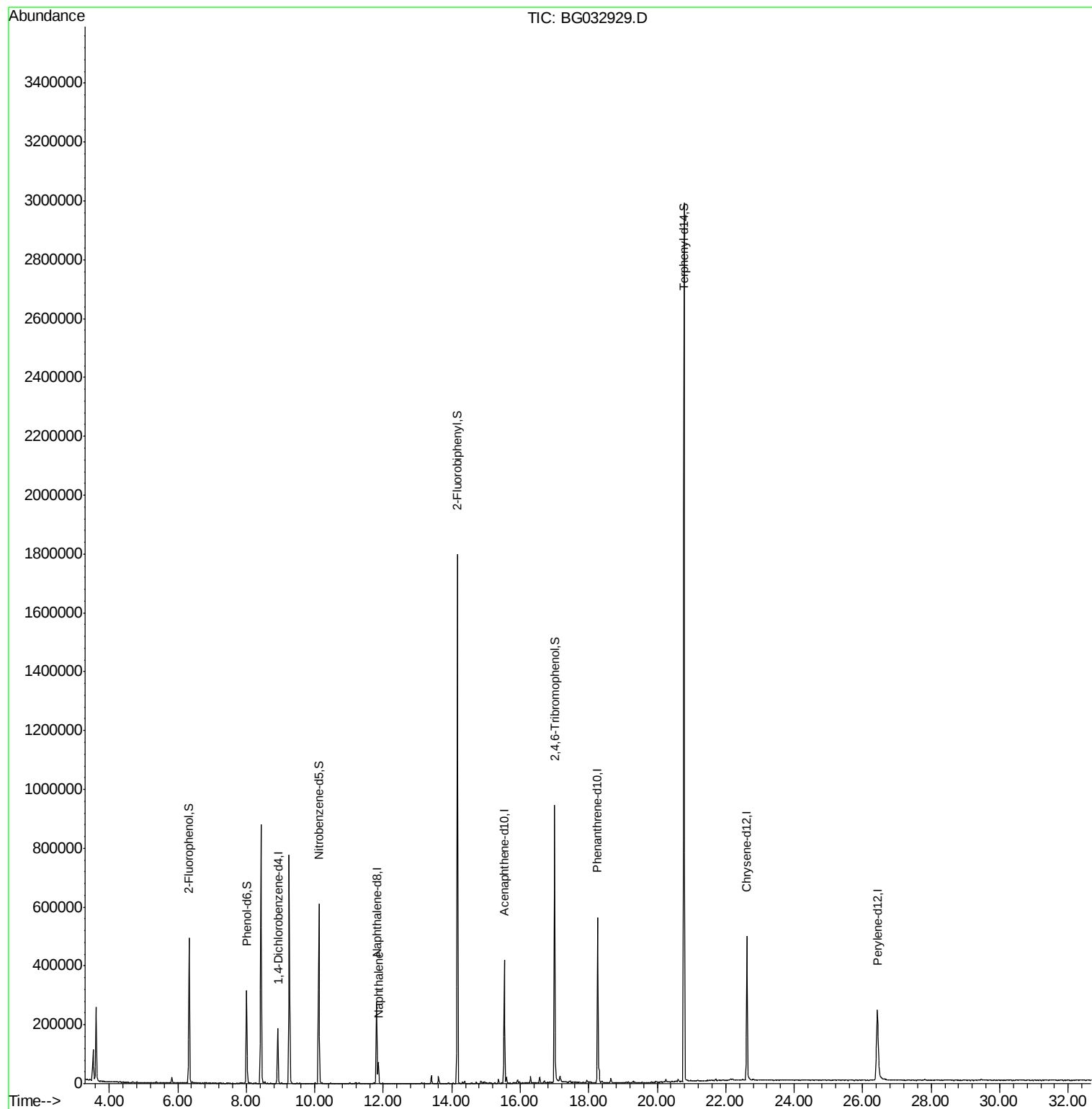
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	56328	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	252261	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	147476	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	346563	20.00	ng	0.00
75) Chrysene-d12	22.61	240	334068	20.00	ng	0.00
86) Perylene-d12	26.43	264	333690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	242553	68.89	ng	0.00
7) Phenol-d6	8.01	99	198310	40.41	ng	0.00
23) Nitrobenzene-d5	10.12	82	392314	105.25	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	171433	110.55	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	919591	89.93	ng	0.00
78) Terphenyl-d14	20.78	244	1391071	93.55	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	64346	4.882	ng	98

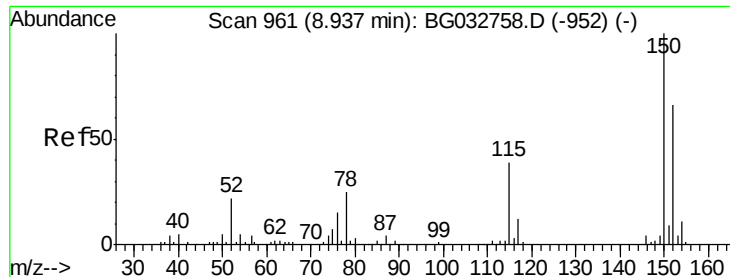
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Mar 02 10:35:46 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



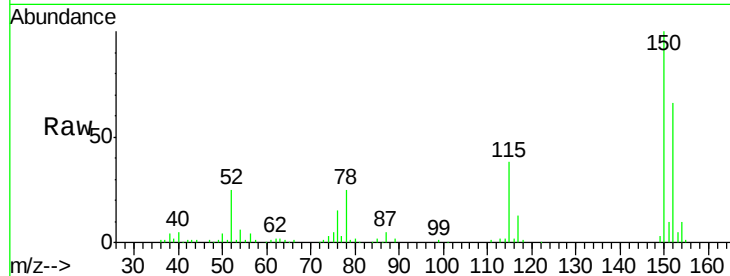


#1

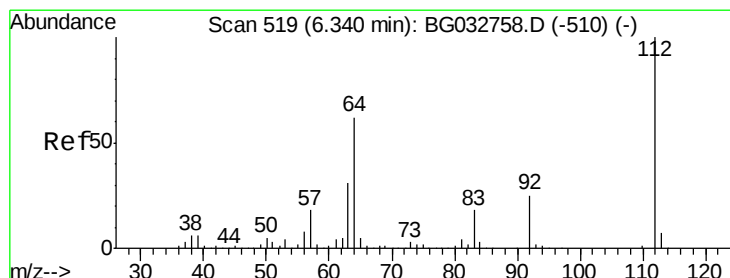
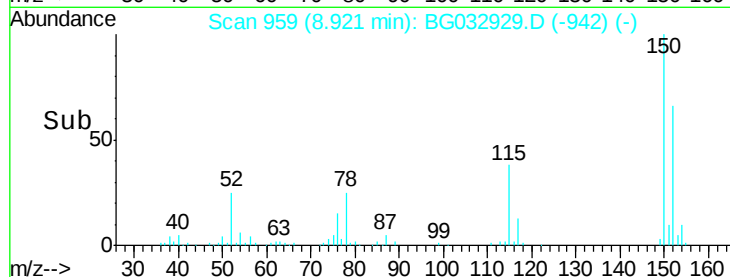
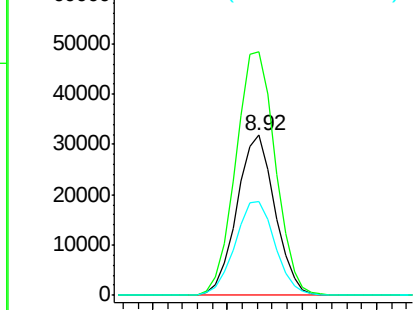
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:152 Resp: 56328
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 58.6 53.0 79.4



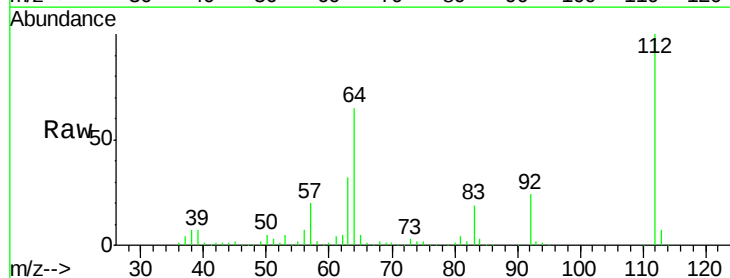
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



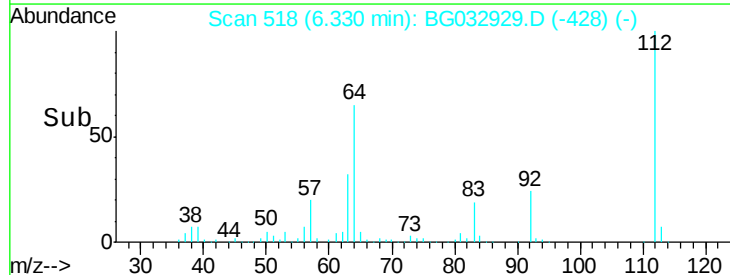
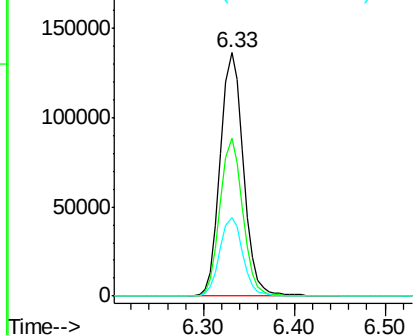
#5

2-Fluorophenol
Concen: 68.891 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:112 Resp: 242553
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 32.5 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: 40.409 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032929.D

Acq: 1 Mar 2018 22:39

Instrument :

BNA_G

ClientSampled :

TP-2

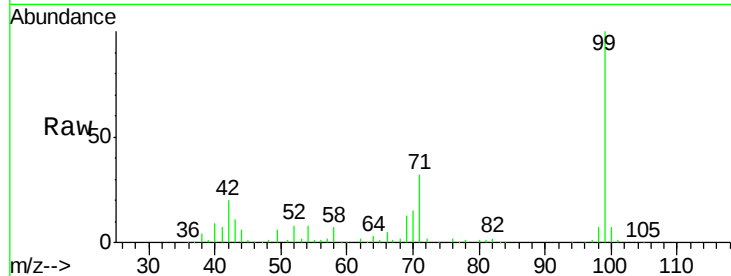
Tot Ion: 99 Resp: 198310

Ion Ratio Lower Upper

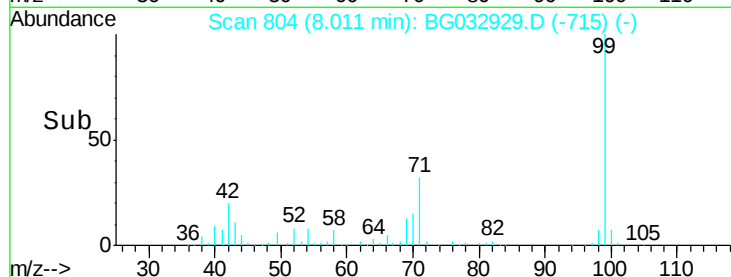
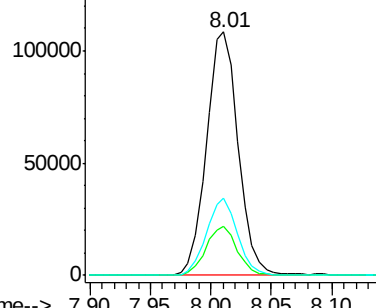
99 100

42 20.3 14.1 21.1

71 31.9 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: BG032929.D

Acq: 1 Mar 2018 22:39

Tgt Ion:136 Resp: 252261

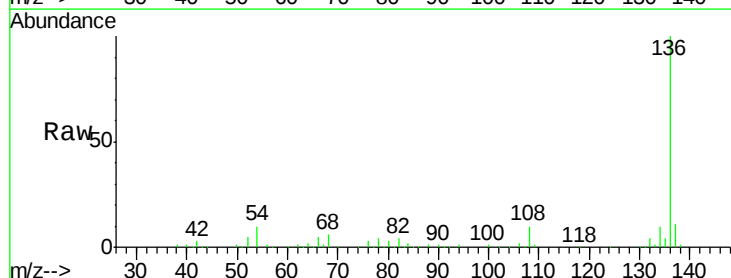
Ion Ratio Lower Upper

136 100

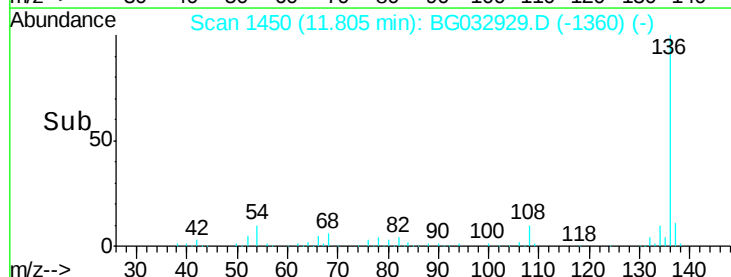
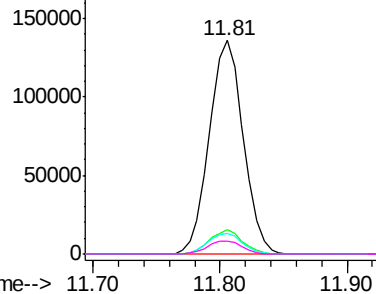
137 11.4 9.2 13.8

54 9.7 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

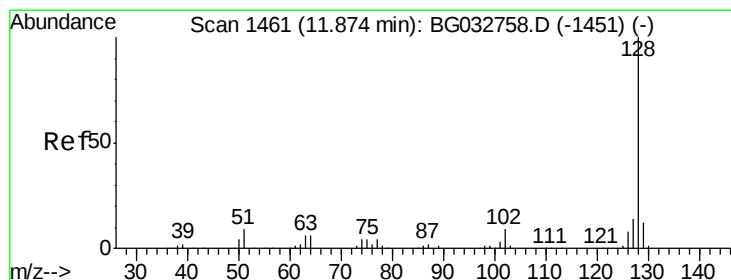
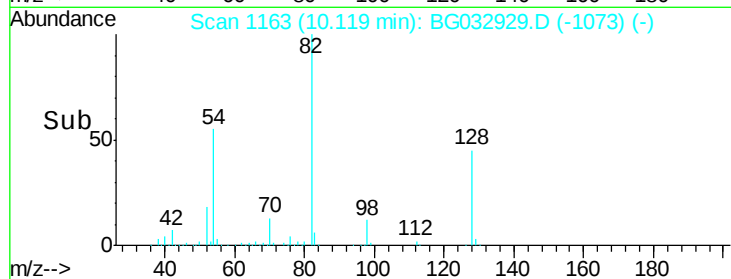
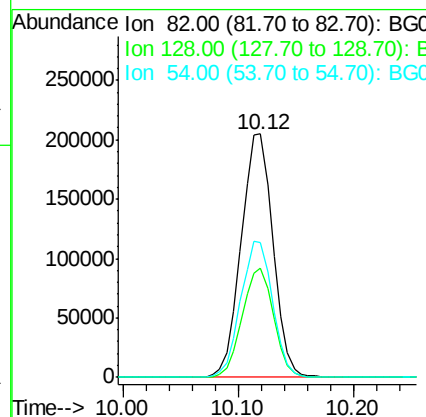
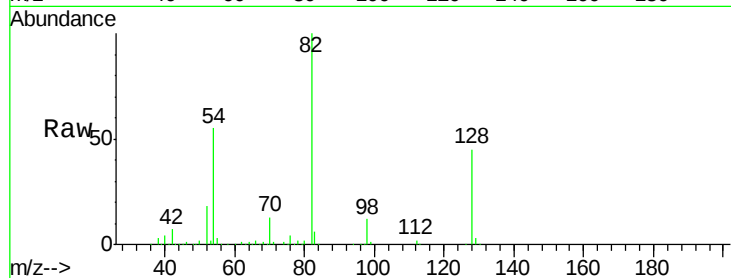




#23
 Nitrobenzene-d5
 Concen: 105.249 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG032929.D
 Acq: 1 Mar 2018 22:39

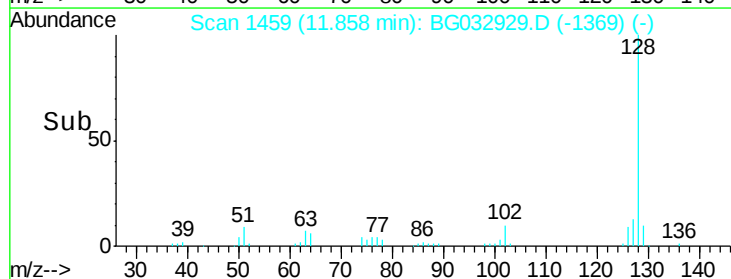
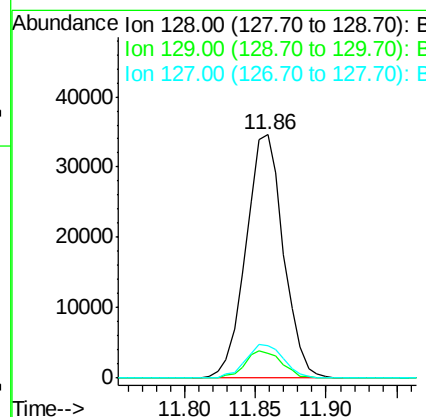
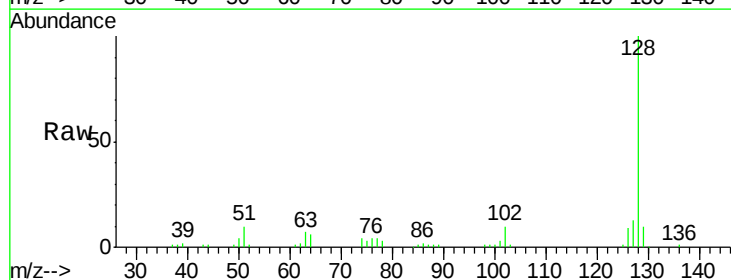
Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion: 82 Resp: 392314
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 55.2 43.1 64.7



#31
 Naphthalene
 Concen: 4.882 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BG032929.D
 Acq: 1 Mar 2018 22:39

Tgt Ion: 128 Resp: 64346
 Ion Ratio Lower Upper
 128 100
 129 10.0 8.6 12.8
 127 13.4 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032929.D

Acq: 1 Mar 2018 22:39

Instrument :

BNA_G

ClientSampleId :

TP-2

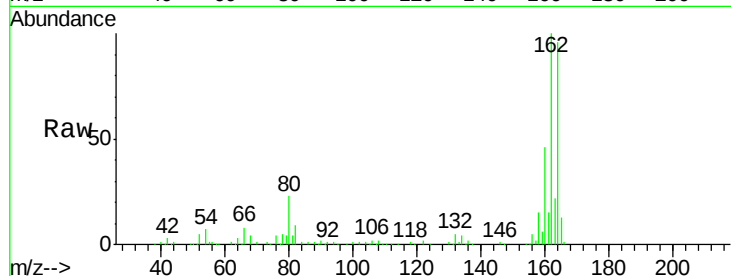
Tot Ion:164 Resp: 147476

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

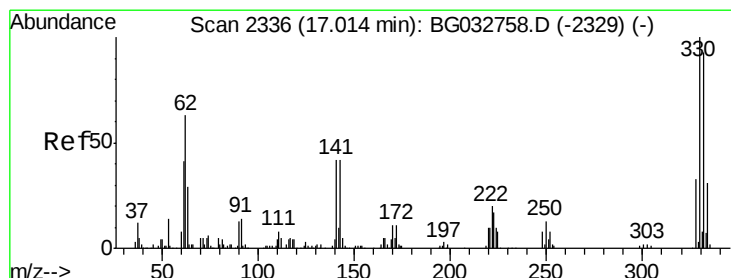
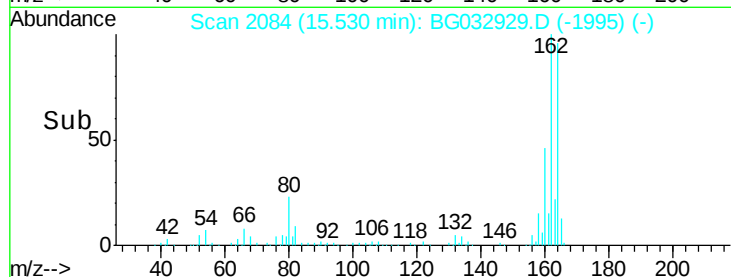
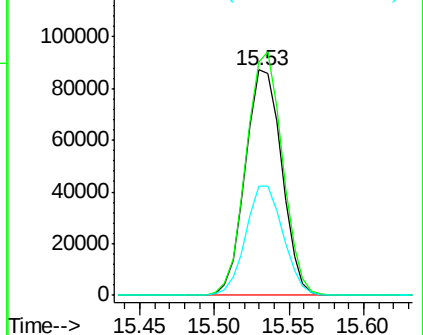
160 48.3 35.4 53.0



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: 110.555 ng

RT: 17.00 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG032929.D

Acq: 1 Mar 2018 22:39

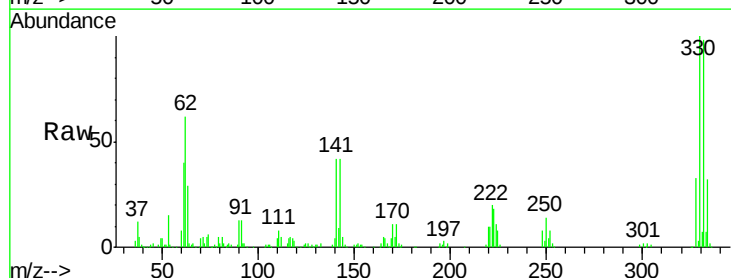
Tgt Ion:330 Resp: 171433

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

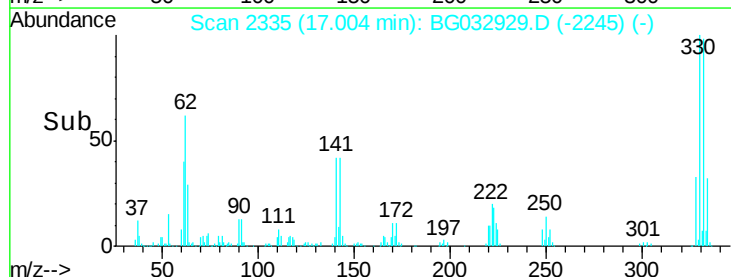
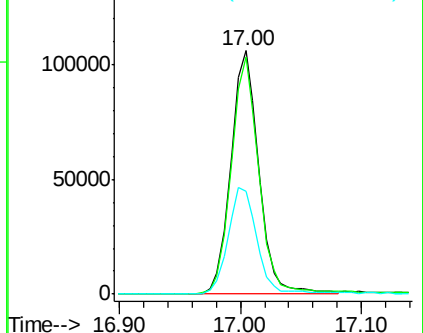
141 45.1 25.2 37.8#

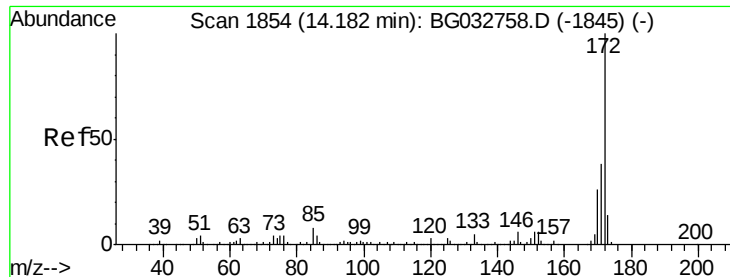


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

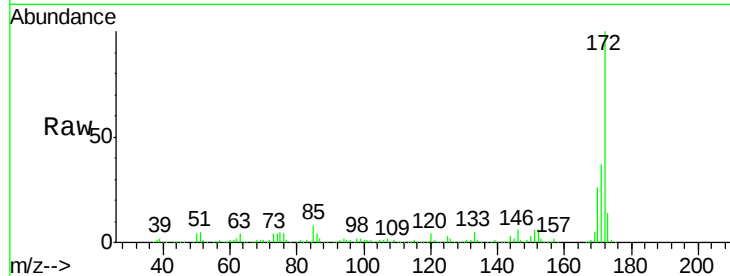




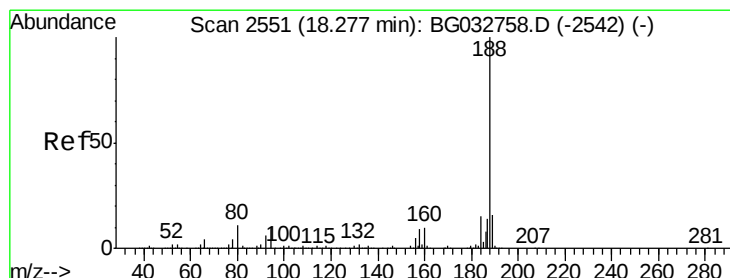
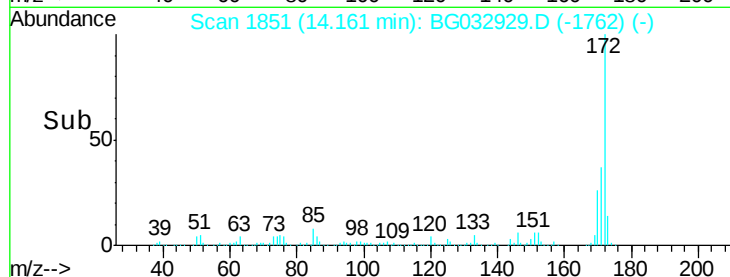
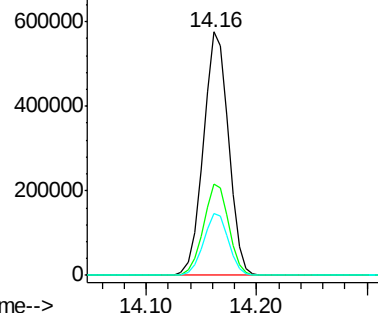
#44
 2-Fluorobiphenyl
 Concen: 89.932 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032929.D
 Acq: 1 Mar 2018 22:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.5	19.5	29.3

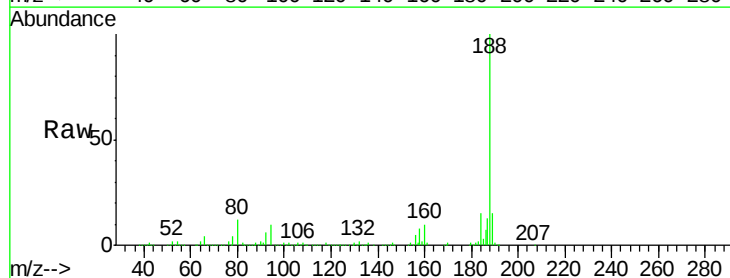


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

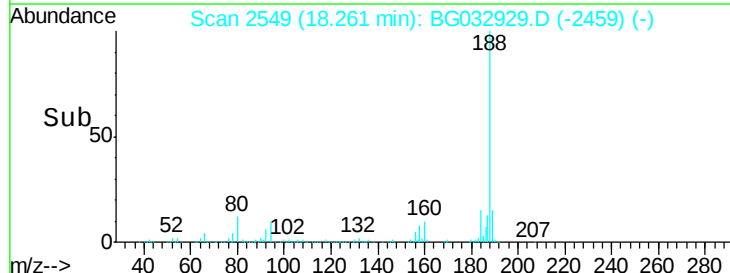
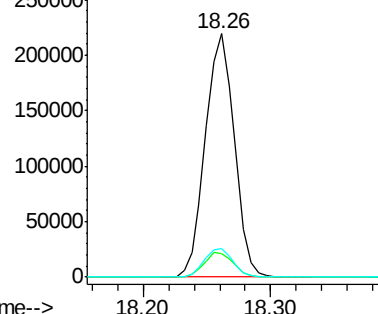


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BG032929.D
 Acq: 1 Mar 2018 22:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.9	10.3
80	11.7	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

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032929.D

Acq: 1 Mar 2018 22:39

Instrument :

BNA_G

ClientSampleId :

TP-2

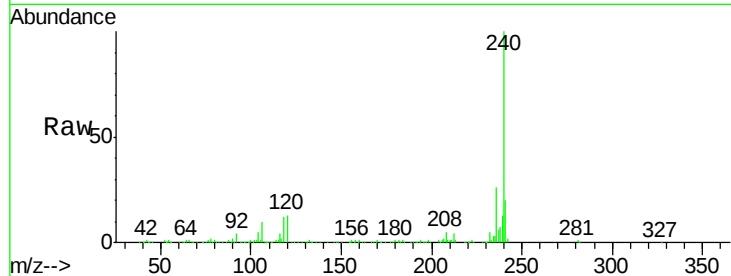
Tot Ion:240 Resp: 334068

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

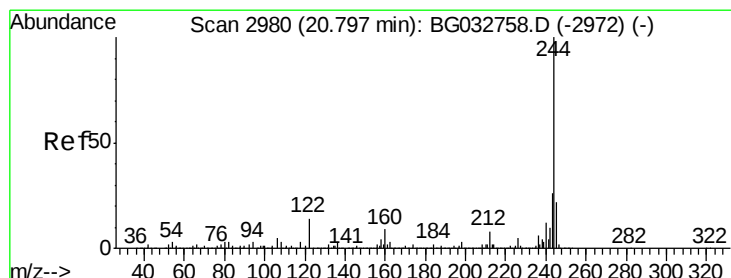
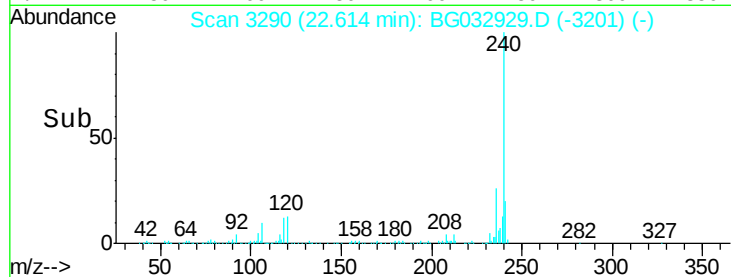
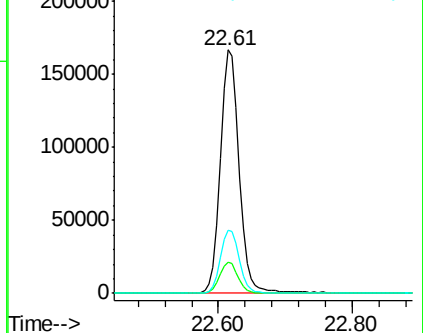
236 26.0 20.9 31.3



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: 93.555 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032929.D

Acq: 1 Mar 2018 22:39

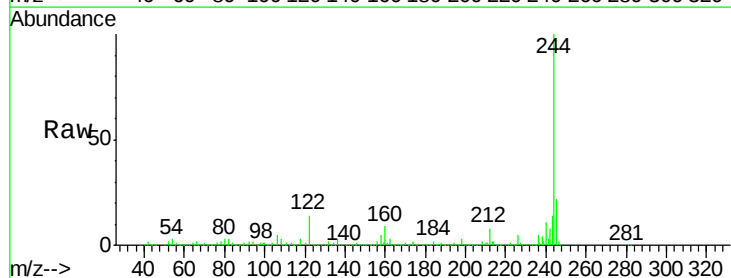
Tgt Ion:244 Resp: 1391071

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

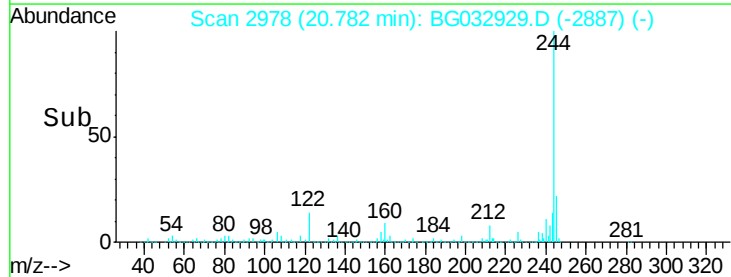
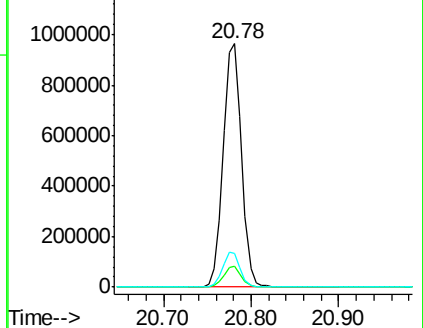
122 13.7 7.0 10.4#

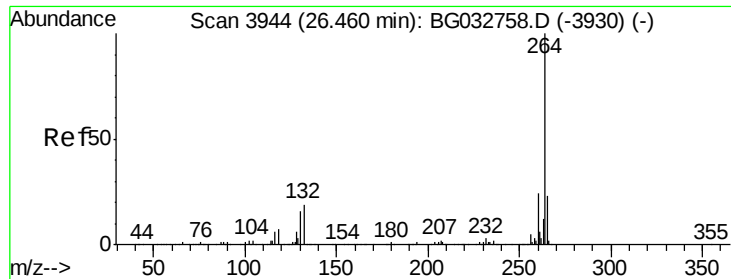


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3939
 Delta R.T. 0.00 min
 Lab File: BG032929.D
 Acq: 1 Mar 2018 22:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:264 Resp: 333690
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.4 26.0
 265 21.2 17.7 26.5

