

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033154.D
 Acq On : 14 Mar 2018 19:39
 Operator : SJ/JU
 Sample : J1898-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A-COMP

Quant Time: Mar 15 03:49:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35699	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	155702	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	93730	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	237622	20.00	ng	0.00
75) Chrysene-d12	22.60	240	224843	20.00	ng	0.00
86) Perylene-d12	26.40	264	238116	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	304048	136.26	ng	0.00
7) Phenol-d6	8.00	99	369008	118.64	ng	0.00
23) Nitrobenzene-d5	10.10	82	277880	119.32	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	214403	217.55	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	628408	96.70	ng	0.00
78) Terphenyl-d14	20.76	244	1120050	111.92	ng	0.00

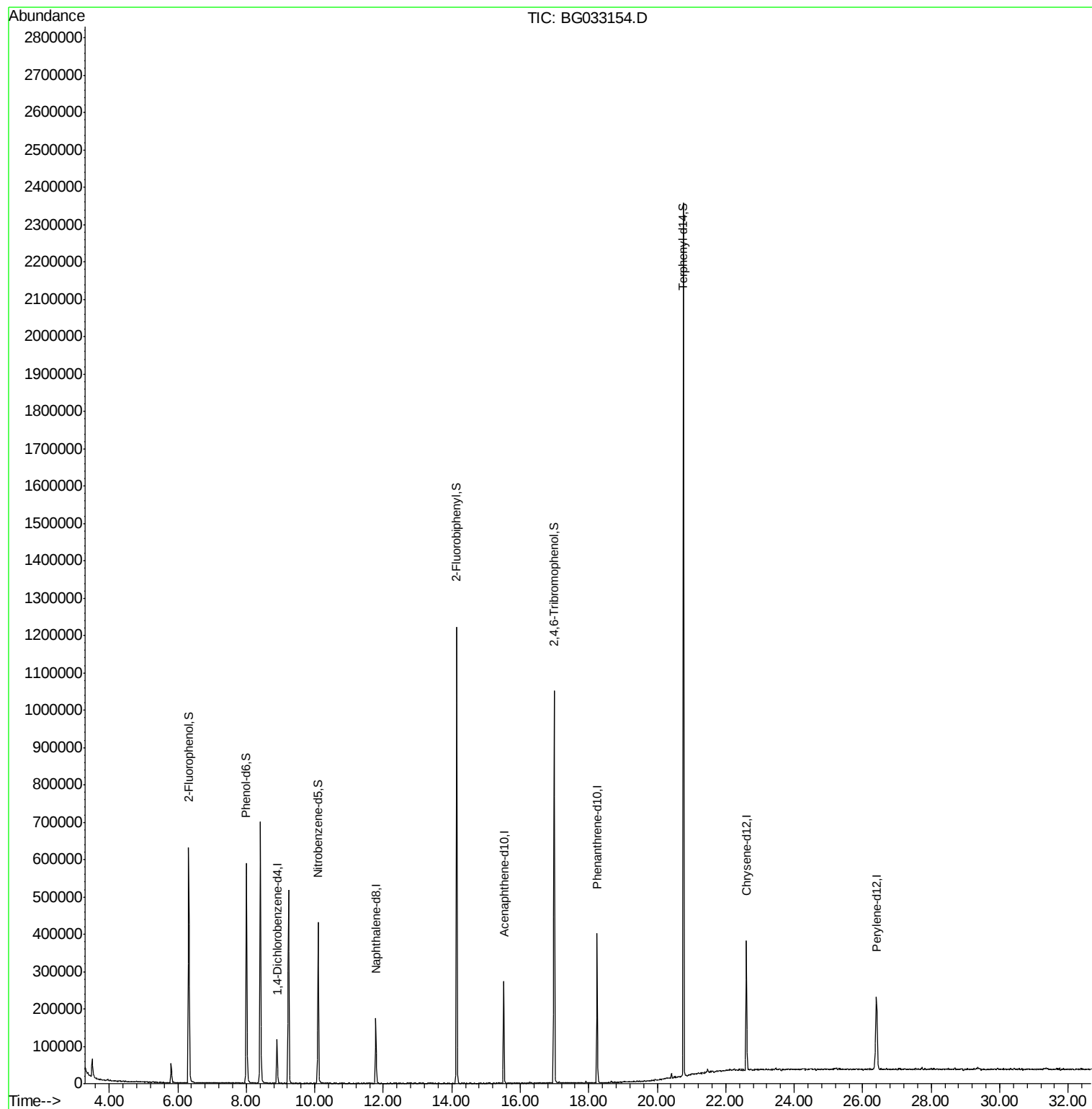
Target Compounds Qvalue

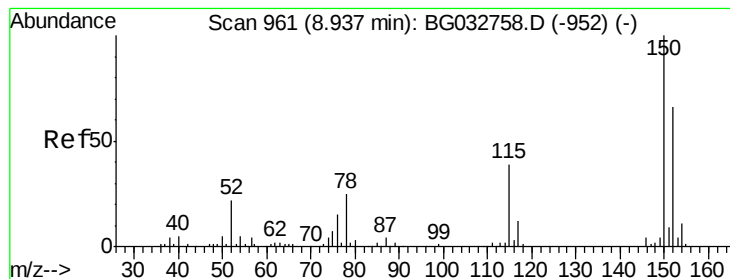
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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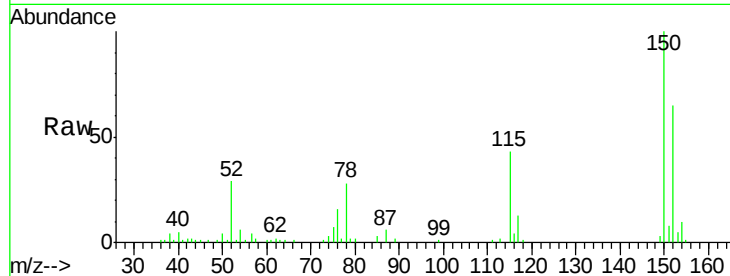


#1

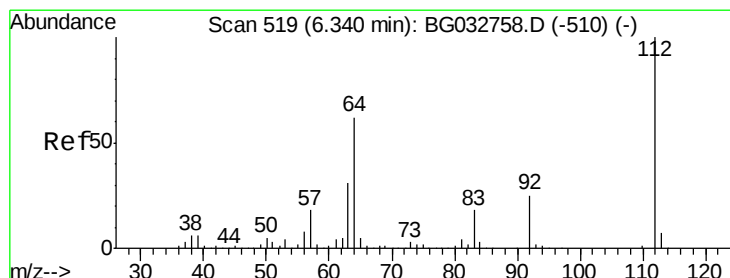
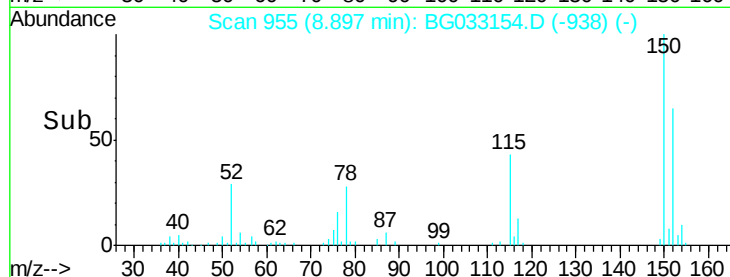
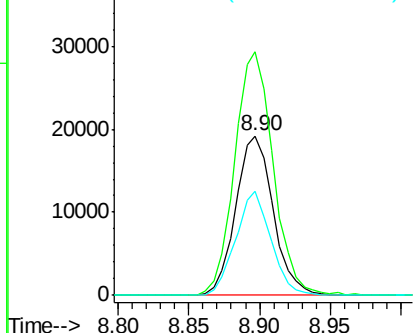
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033154.D
Acq: 14 Mar 2018 19:39

Instrument :
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ClientSampleId :
TP-11A-COMP

Tot Ion:152 Resp: 35699
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 65.0 53.0 79.4



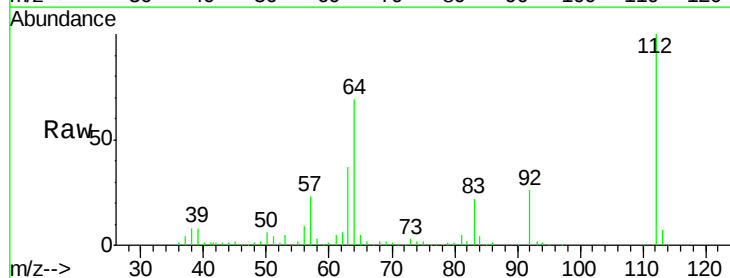
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



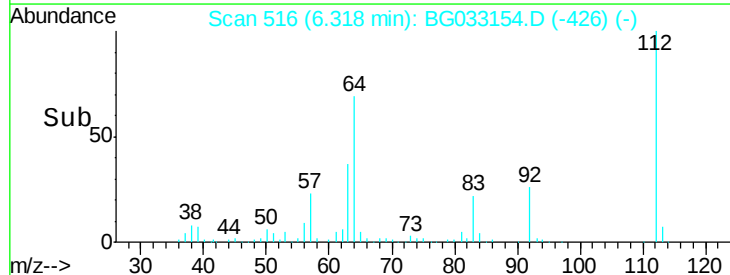
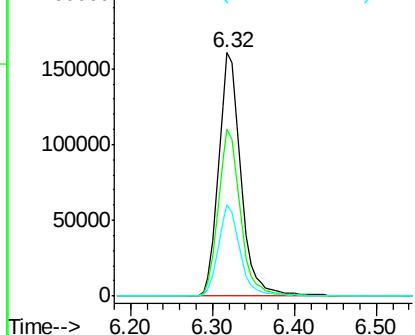
#5

2-Fluorophenol
Concen: 136.259 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033154.D
Acq: 14 Mar 2018 19:39

Tgt Ion:112 Resp: 304048
Ion Ratio Lower Upper
112 100
64 68.7 56.3 84.5
63 37.4 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: 118.643 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033154.D

Acq: 14 Mar 2018 19:39

Instrument :

BNA_G

ClientSampleId :

TP-11A-COMP

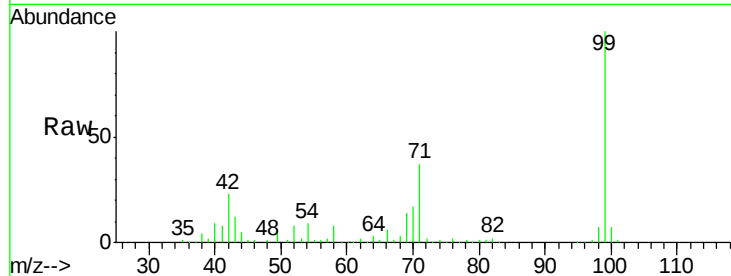
Tot Ion: 99 Resp: 369008

Ion Ratio Lower Upper

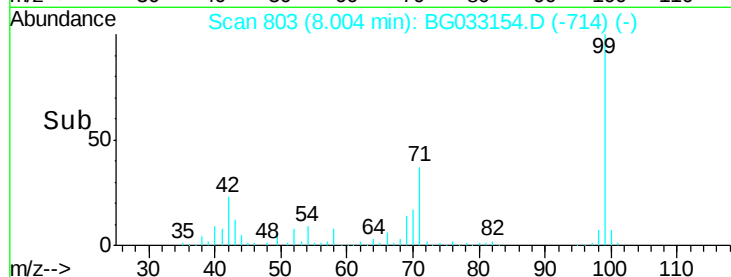
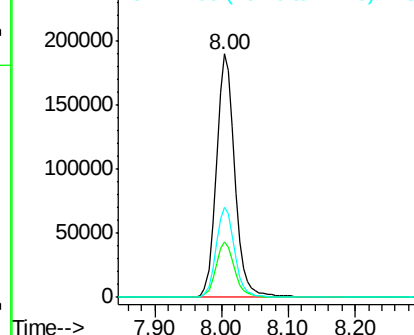
99 100

42 23.0 14.1 21.1#

71 36.9 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: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033154.D

Acq: 14 Mar 2018 19:39

Tgt Ion: 136 Resp: 155702

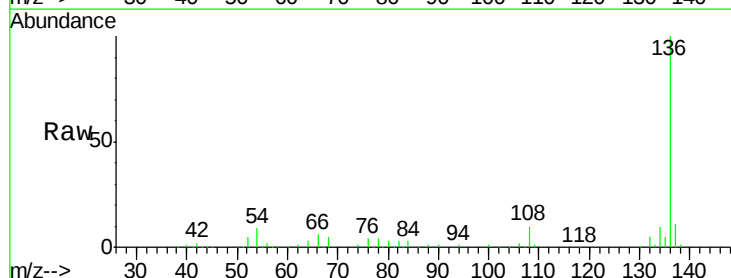
Ion Ratio Lower Upper

136 100

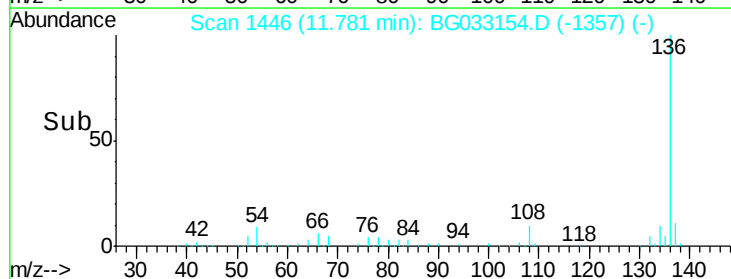
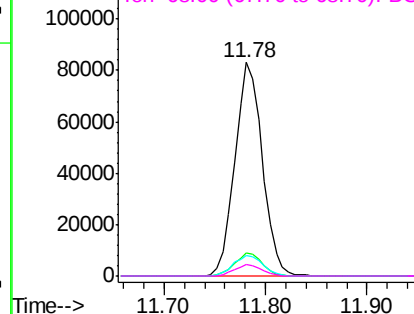
137 10.7 9.2 13.8

54 9.4 10.3 15.5#

68 5.5 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

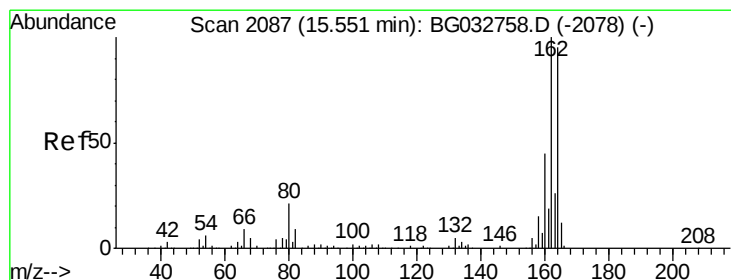
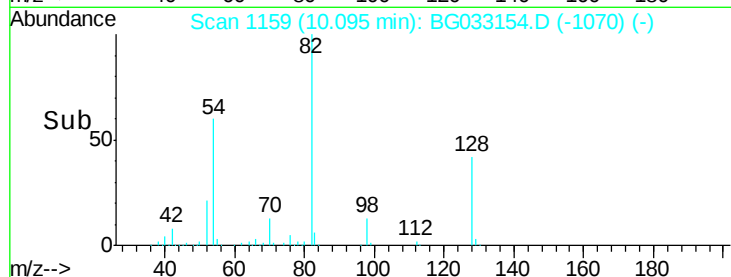
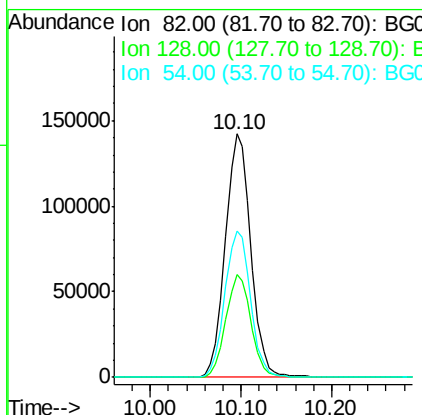
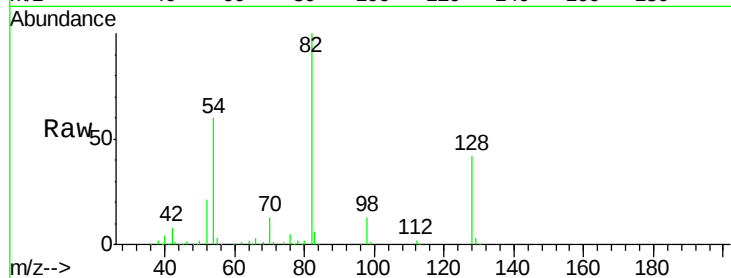




#23
 Nitrobenzene-d5
 Concen: 119.318 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BG033154.D
 Acq: 14 Mar 2018 19:39

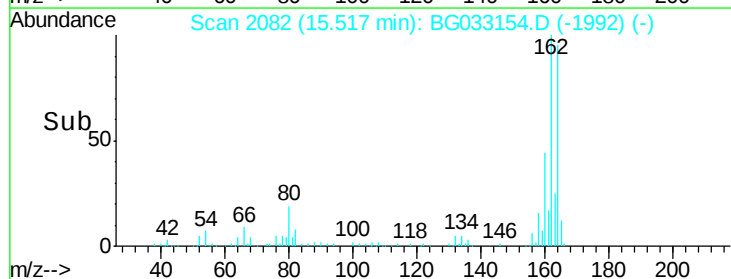
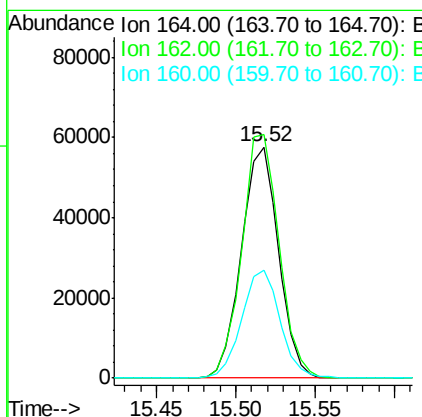
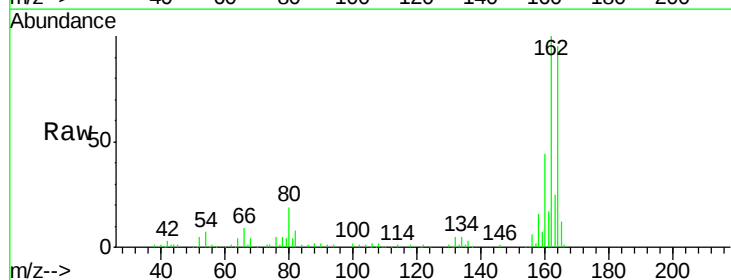
Instrument :
 BNA_G
 ClientSampleId :
 TP-11A-COMP

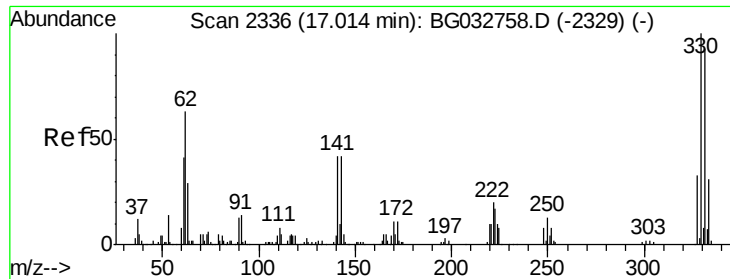
Tot Ion	82	Resp	277880
Ion Ratio	Lower	Upper	
82	100		
128	42.0	29.7	44.5
54	60.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG033154.D
 Acq: 14 Mar 2018 19:39

Tgt Ion	164	Resp	93730
Ion Ratio	Lower	Upper	
164	100		
162	105.4	78.8	118.2
160	46.6	35.4	53.0

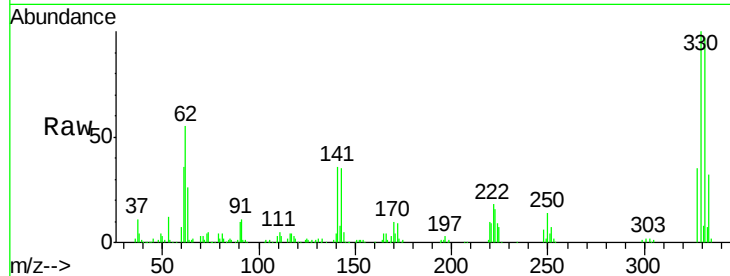




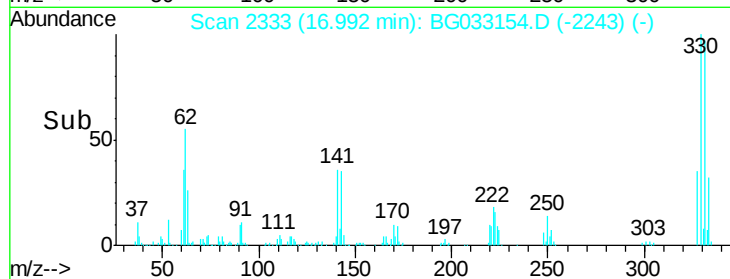
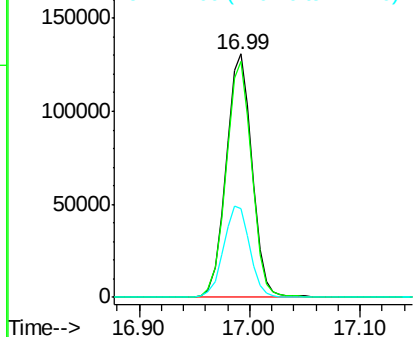
#41
 2,4,6-Tribromophenol
 Concen: 217.549 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033154.D
 Acq: 14 Mar 2018 19:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A-COMP

Tot Ion:330 Resp: 214403
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 38.2 25.2 37.8#

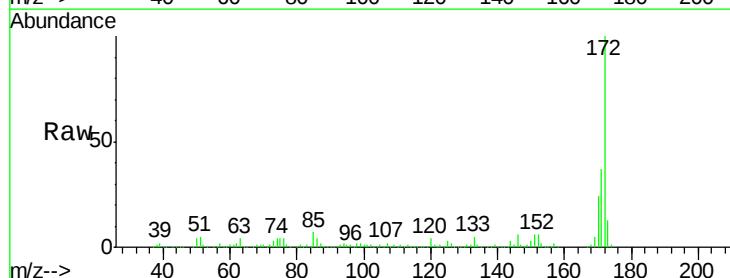


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

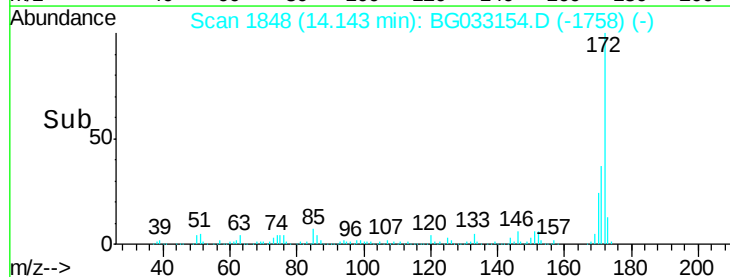
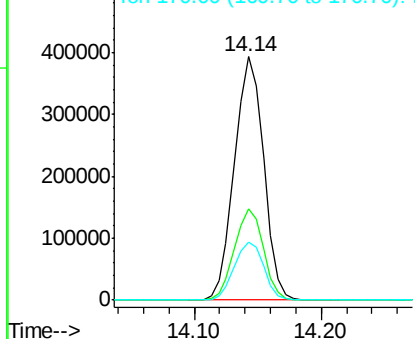


#44
 2-Fluorobiphenyl
 Concen: 96.695 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG033154.D
 Acq: 14 Mar 2018 19:39

Tgt Ion:172 Resp: 628408
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.9 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

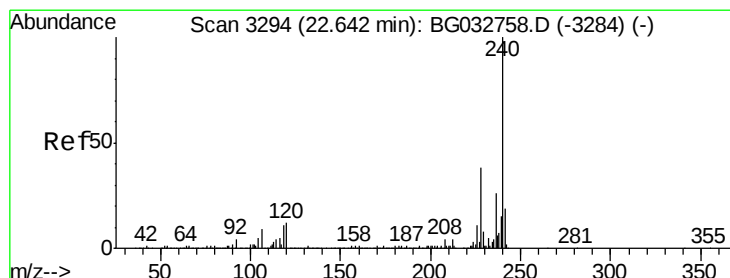
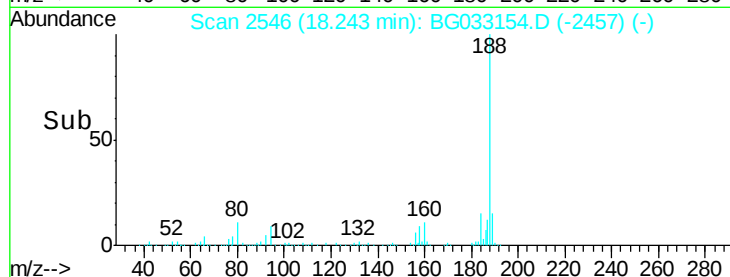
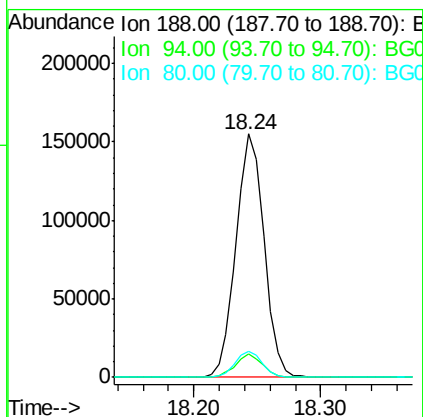
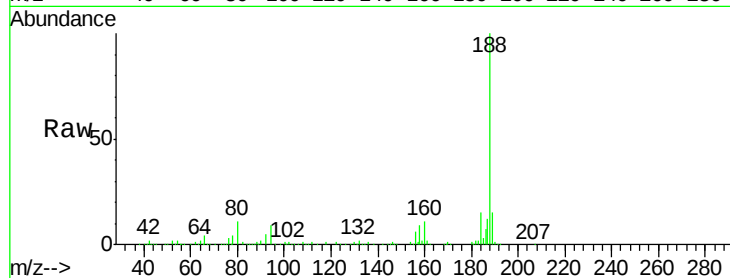




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BG033154.D
Acq: 14 Mar 2018 19:39

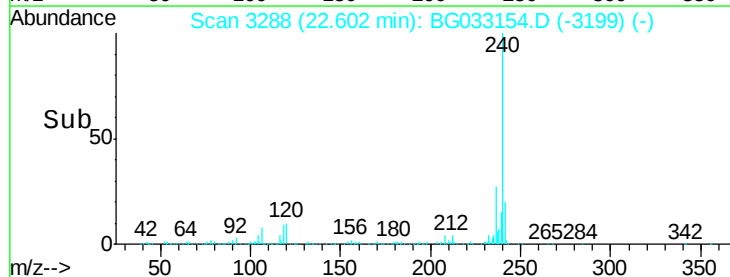
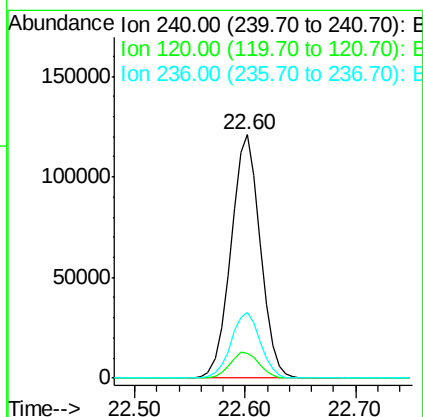
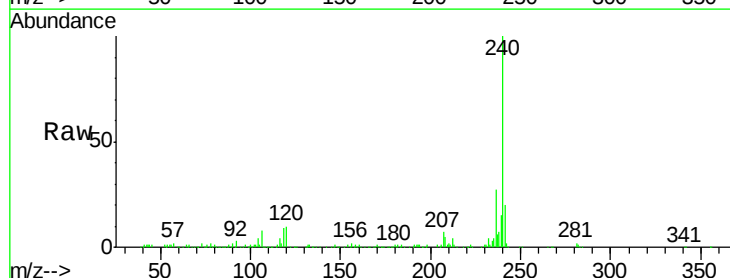
Instrument :
BNA_G
ClientSampleId :
TP-11A-COMP

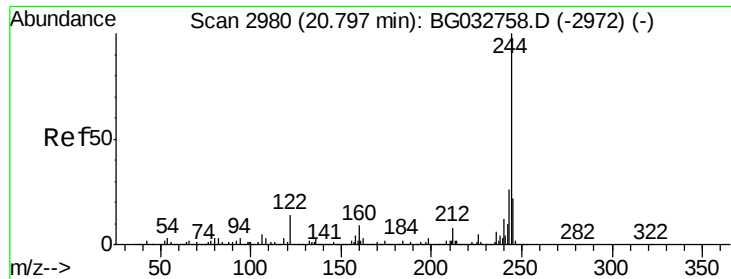
Tot Ion:188 Resp: 237622
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 10.6 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033154.D
Acq: 14 Mar 2018 19:39

Tgt Ion:240 Resp: 224843
Ion Ratio Lower Upper
240 100
120 10.1 6.8 10.2
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 111.920 ng

RT: 20.76 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033154.D

Acq: 14 Mar 2018 19:39

Instrument :

BNA_G

ClientSampleId :

TP-11A-COMP

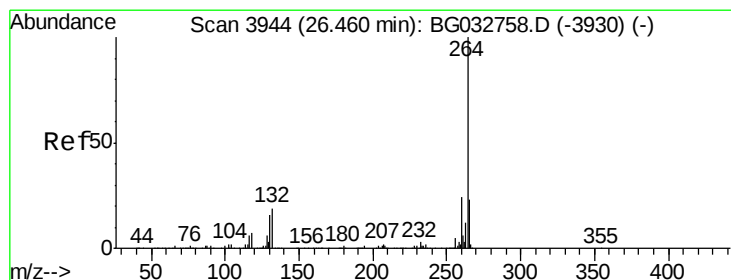
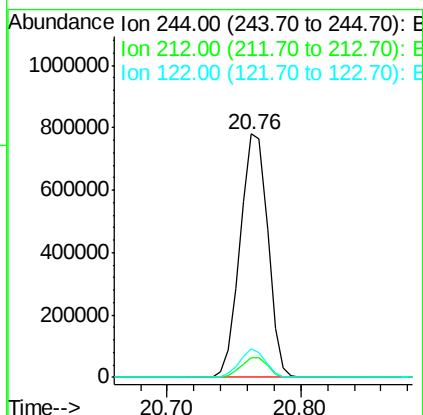
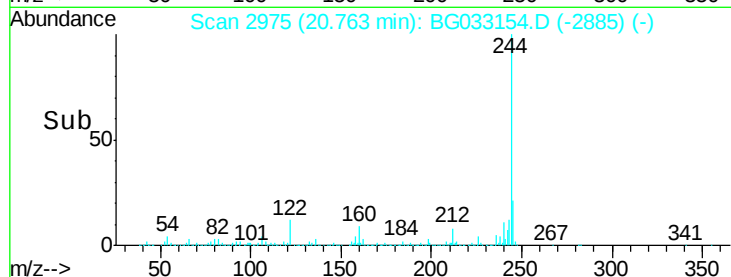
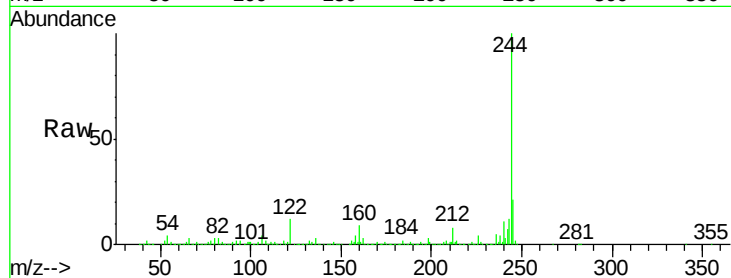
Tot Ion:244 Resp: 1120050

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 11.6 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033154.D

Acq: 14 Mar 2018 19:39

Tgt Ion:264 Resp: 238116

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.4 17.7 26.5

