

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033122.D
 Acq On : 13 Mar 2018 17:04
 Operator : SJ/JU
 Sample : J1873-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-COMP

Quant Time: Mar 13 18:06:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	45218	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	192196	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	105452	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	236830	20.00	ng	0.00
75) Chrysene-d12	22.60	240	233859	20.00	ng	0.00
86) Perylene-d12	26.41	264	211905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	424716	150.27	ng	0.00
7) Phenol-d6	8.01	99	517640	131.39	ng	0.00
23) Nitrobenzene-d5	10.11	82	382143	131.80	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	212506	191.66	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	803217	109.85	ng	0.00
78) Terphenyl-d14	20.77	244	1210575	116.30	ng	0.00

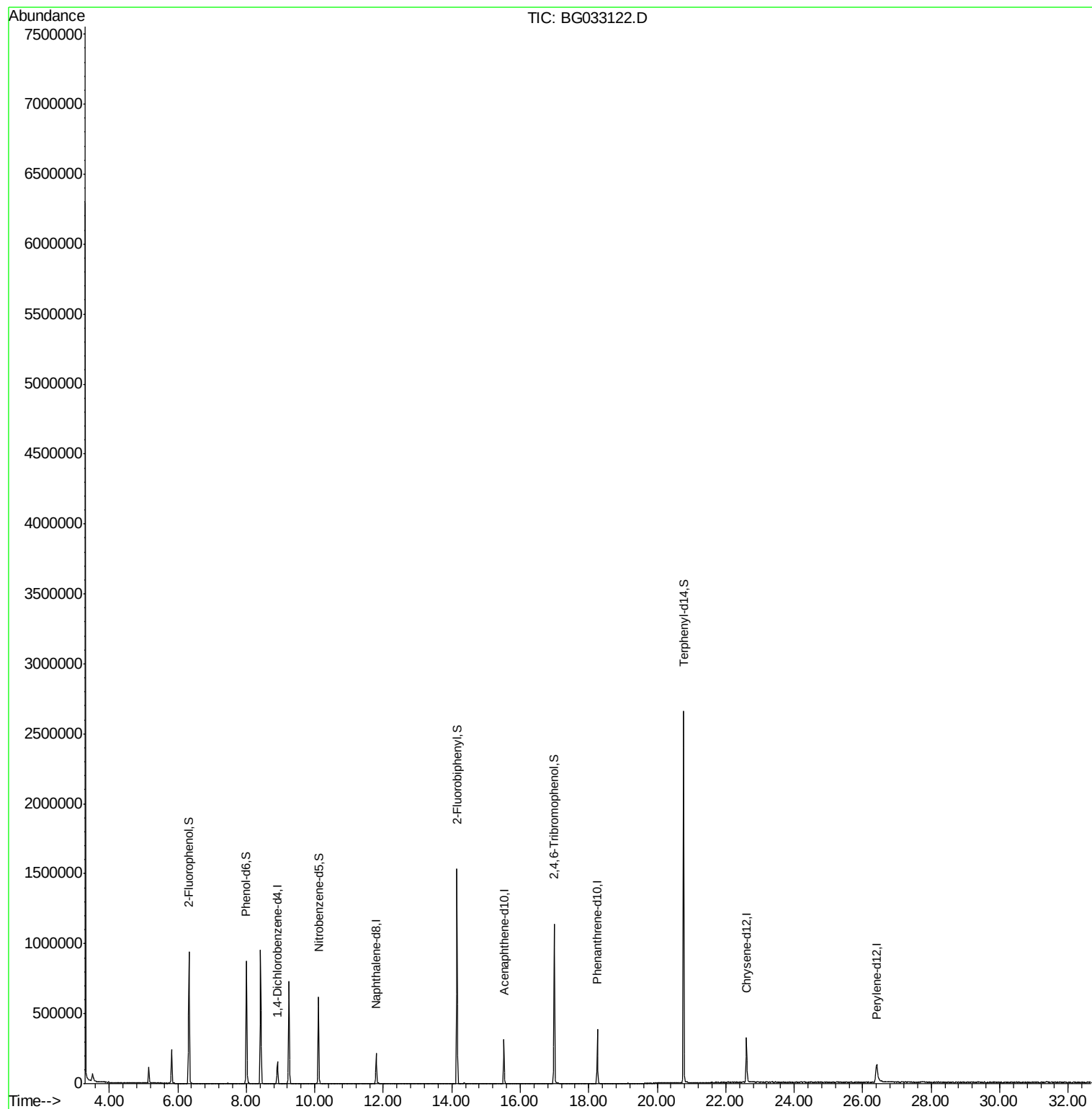
Target Compounds Qvalue

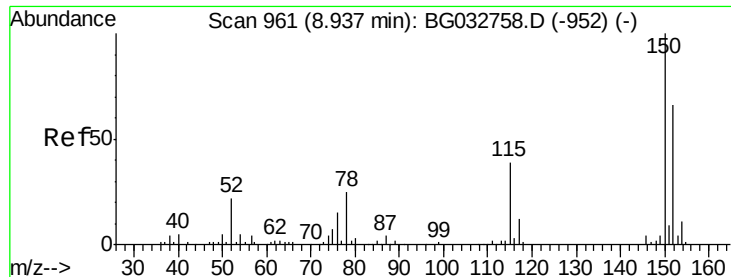
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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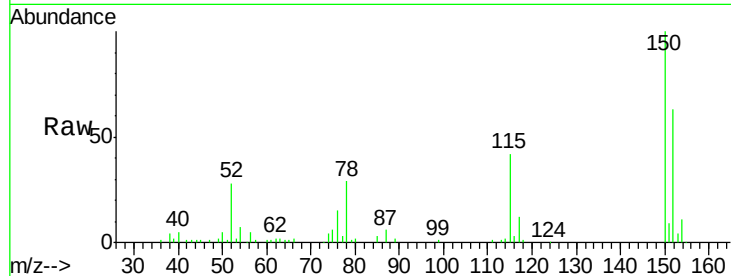


#1

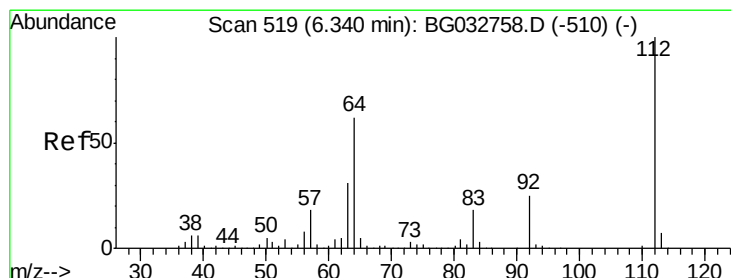
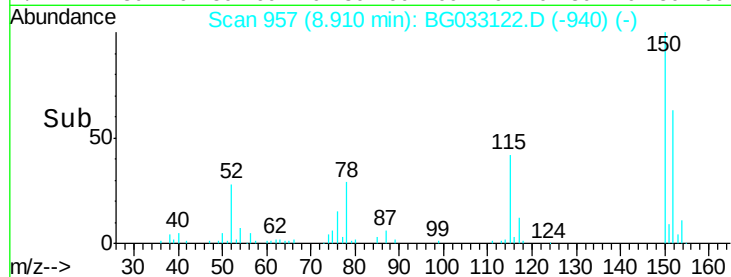
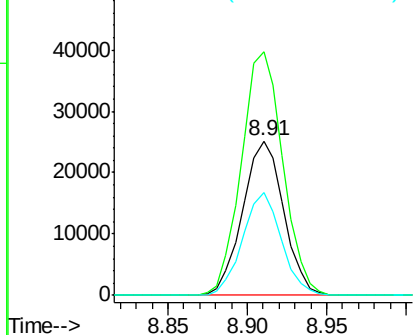
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :
TP-8-COMP

Tot Ion:152 Resp: 45218
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 66.6 53.0 79.4



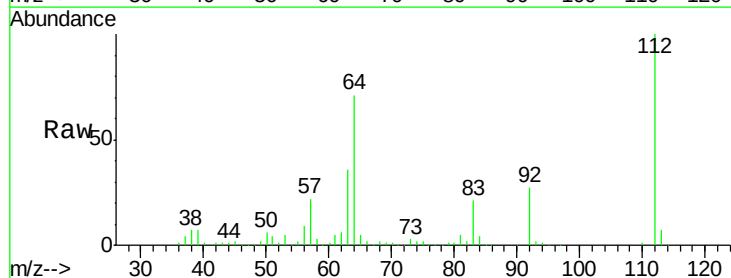
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



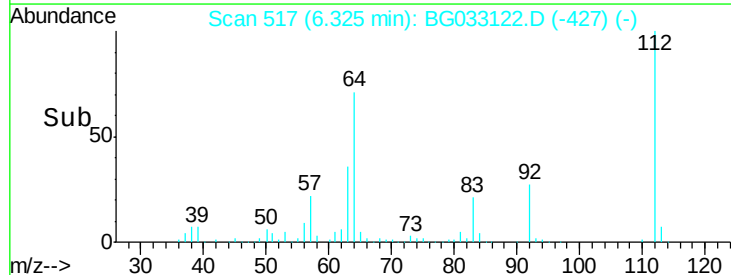
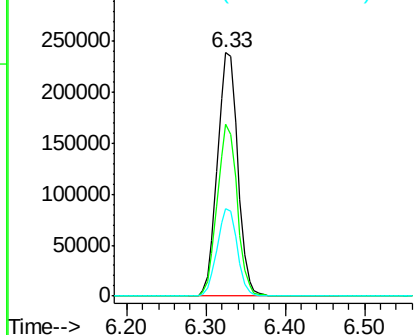
#5

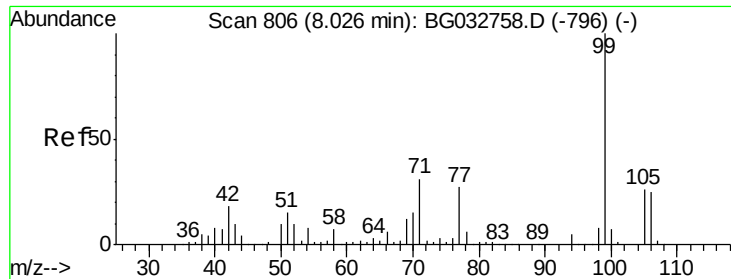
2-Fluorophenol
Concen: 150.268 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:112 Resp: 424716
Ion Ratio Lower Upper
112 100
64 70.5 56.3 84.5
63 36.1 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: 131.395 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033122.D

Acq: 13 Mar 2018 17:04

Instrument :

BNA_G

ClientSampleId :

TP-8-COMP

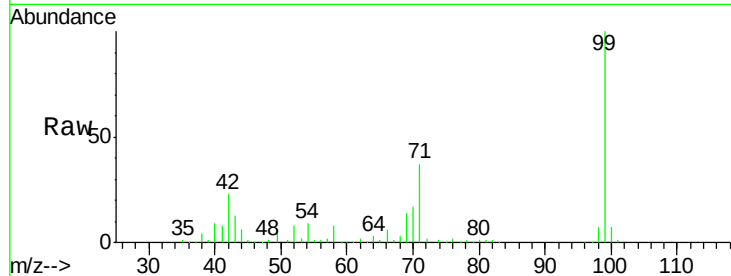
Tot Ion: 99 Resp: 517640

Ion Ratio Lower Upper

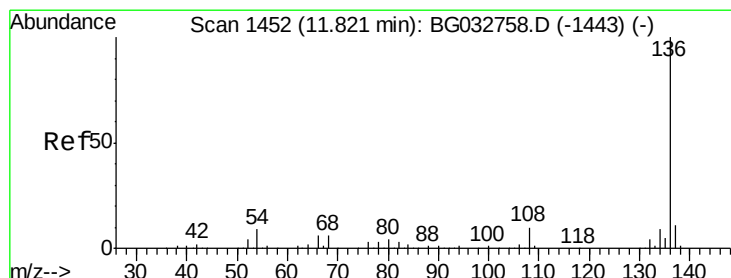
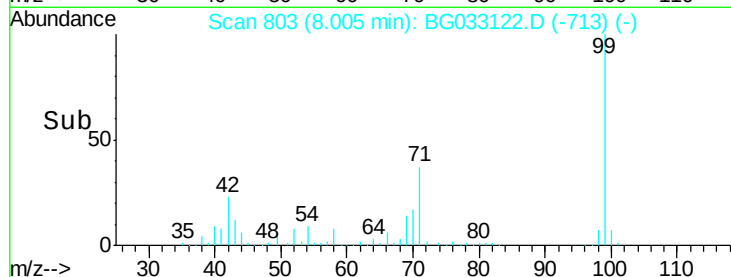
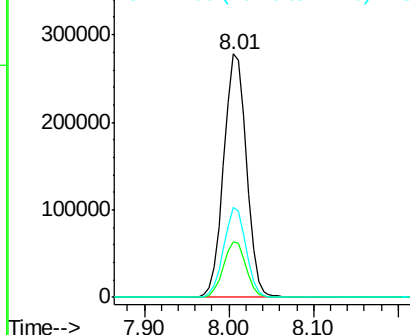
99 100

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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033122.D

Acq: 13 Mar 2018 17:04

Tgt Ion:136 Resp: 192196

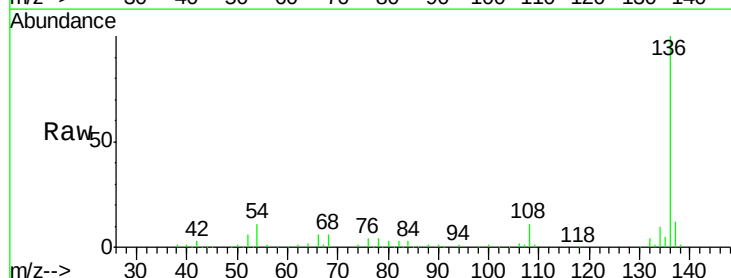
Ion Ratio Lower Upper

136 100

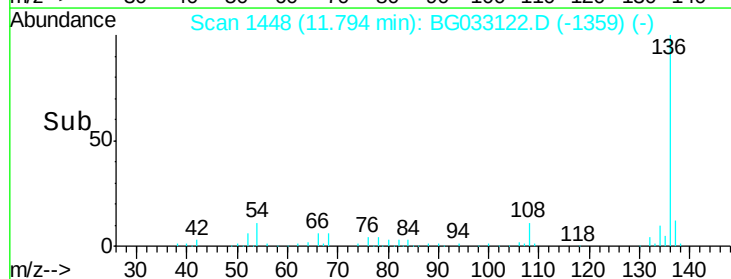
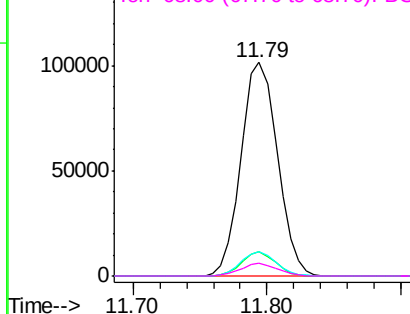
137 11.7 9.2 13.8

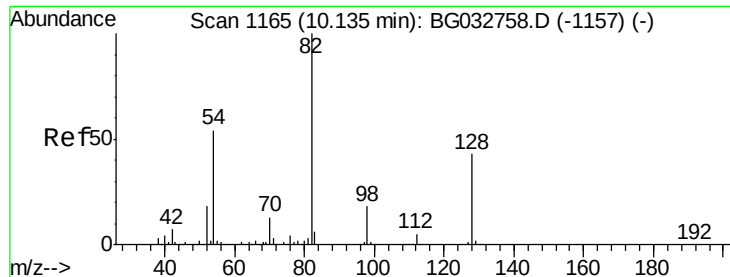
54 11.2 10.3 15.5

68 6.1 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

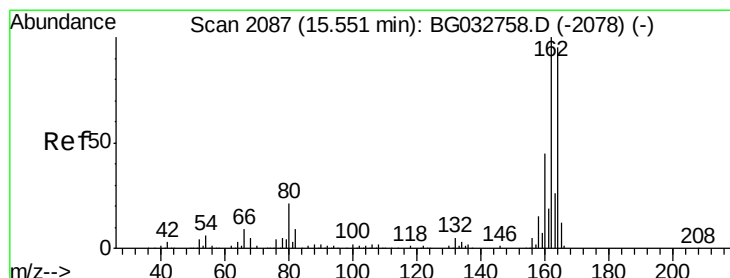
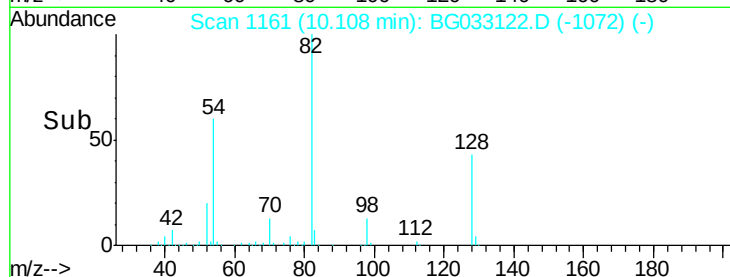
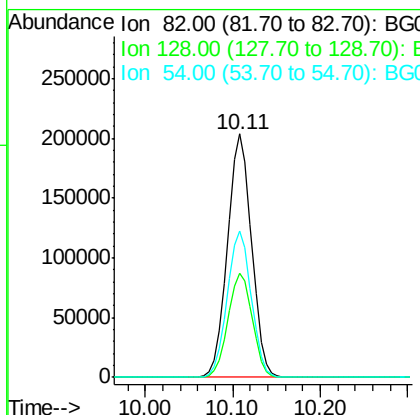
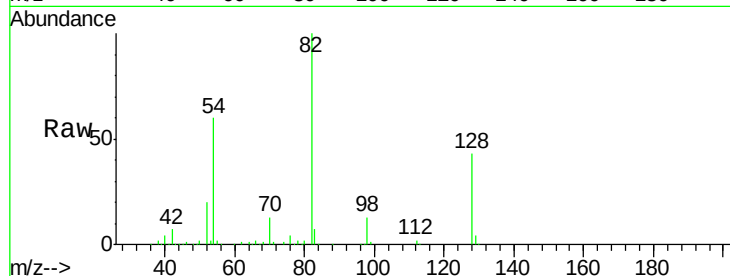




#23
 Nitrobenzene-d5
 Concen: 131.800 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033122.D
 Acq: 13 Mar 2018 17:04

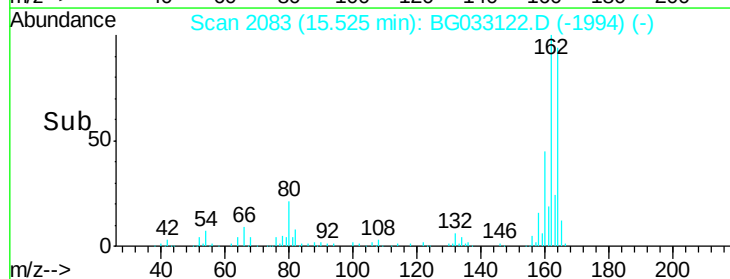
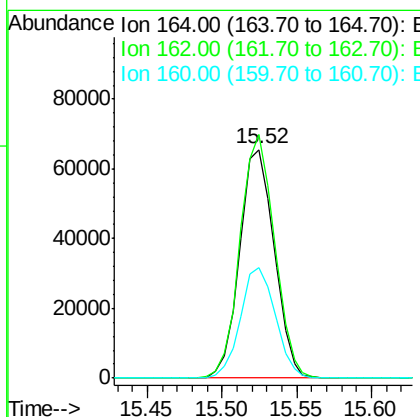
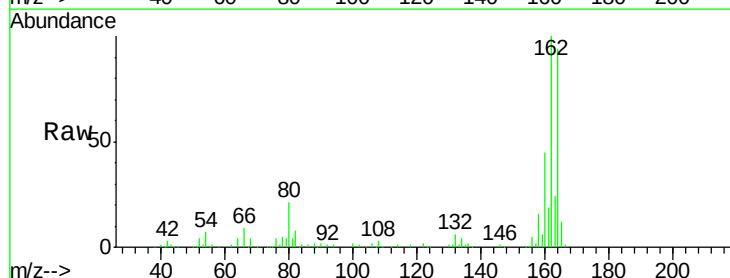
Instrument :
 BNA_G
 ClientSampleId :
 TP-8-COMP

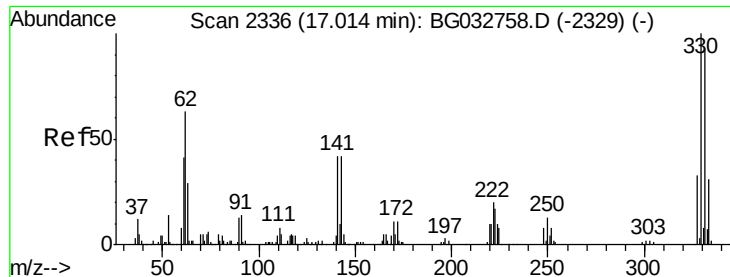
Tot Ion	82	Resp	382143
Ion Ratio	Lower	Upper	
82	100		
128	42.8	29.7	44.5
54	60.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG033122.D
 Acq: 13 Mar 2018 17:04

Tgt Ion	164	Resp	105452
Ion Ratio	Lower	Upper	
164	100		
162	106.5	78.8	118.2
160	48.4	35.4	53.0

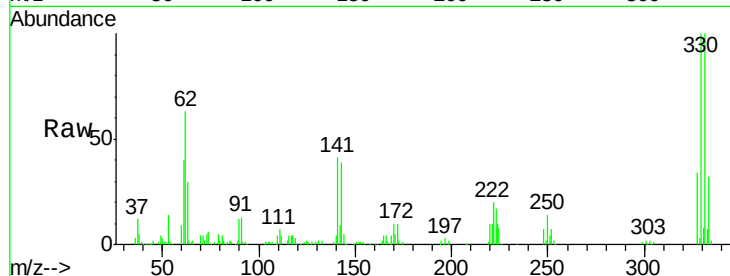




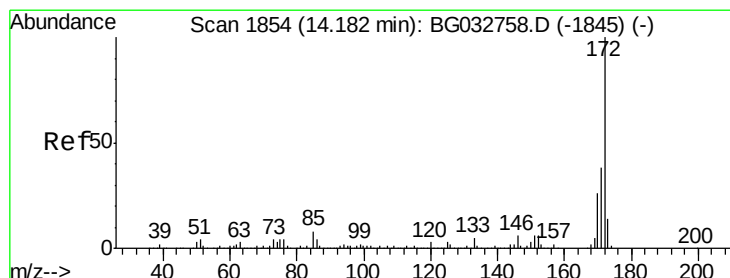
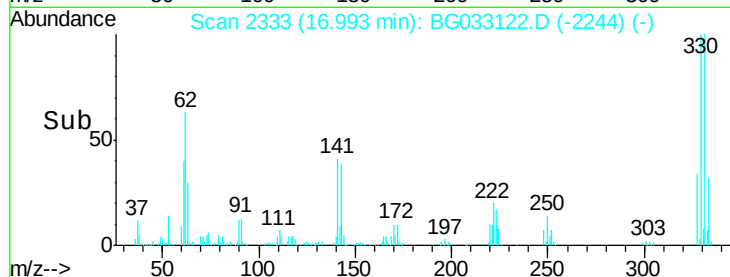
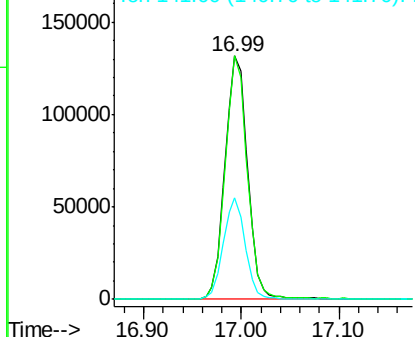
#41
 2,4,6-Tribromophenol
 Concen: 191.656 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033122.D
 Acq: 13 Mar 2018 17:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-COMP

Tot Ion:330 Resp: 212506
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 40.4 25.2 37.8#

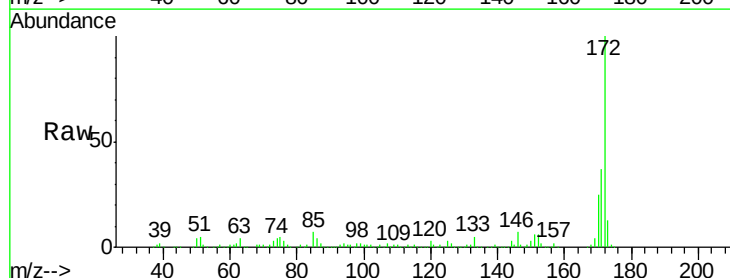


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

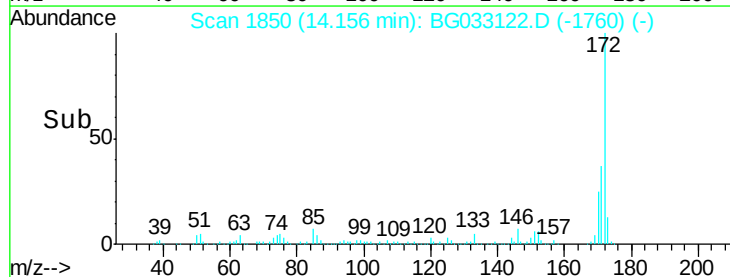
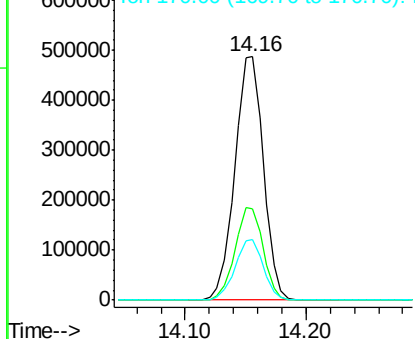


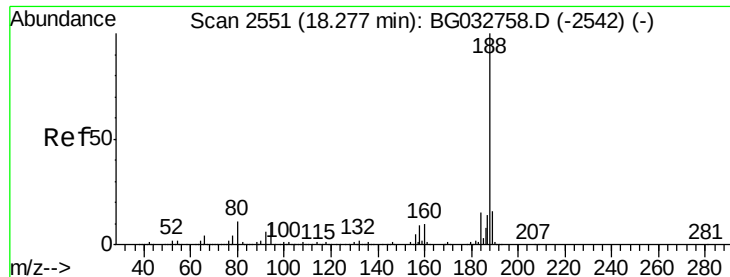
#44
 2-Fluorobiphenyl
 Concen: 109.855 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033122.D
 Acq: 13 Mar 2018 17:04

Tgt Ion:172 Resp: 803217
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.7 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: 18.25 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BG033122.D

Acq: 13 Mar 2018 17:04

Instrument :

BNA_G

ClientSampleId :

TP-8-COMP

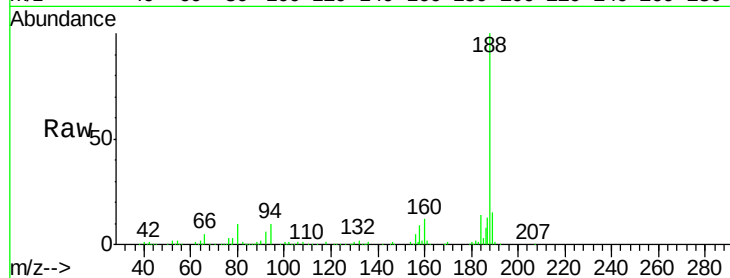
Tot Ion:188 Resp: 236830

Ion Ratio Lower Upper

188 100

94 9.5 6.9 10.3

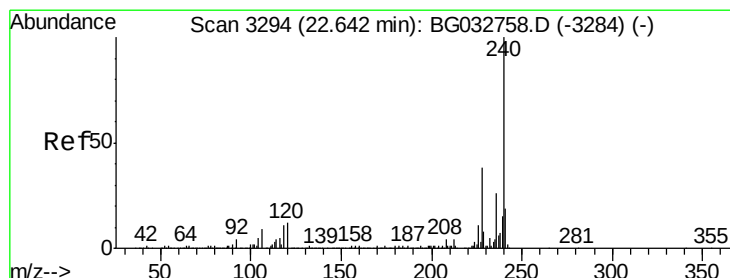
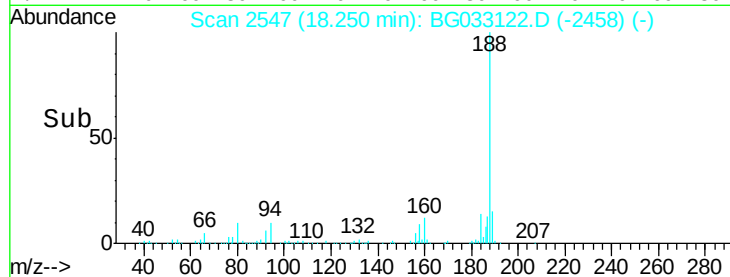
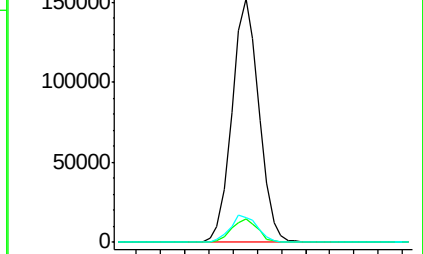
80 10.1 7.7 11.5



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: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033122.D

Acq: 13 Mar 2018 17:04

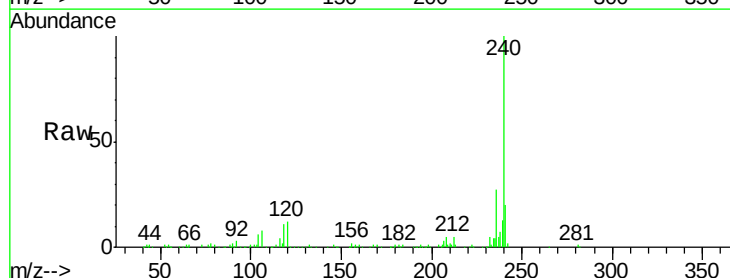
Tgt Ion:240 Resp: 233859

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

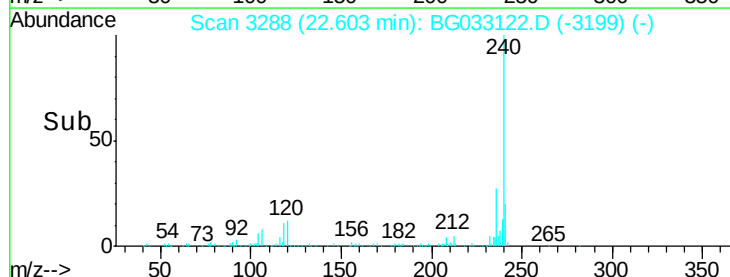
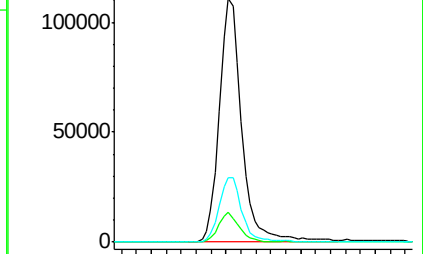
236 26.6 20.9 31.3

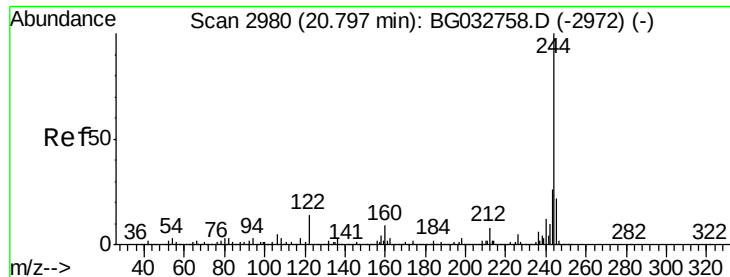


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 116.302 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033122.D

Acq: 13 Mar 2018 17:04

Instrument :

BNA_G

ClientSampleId :

TP-8-COMP

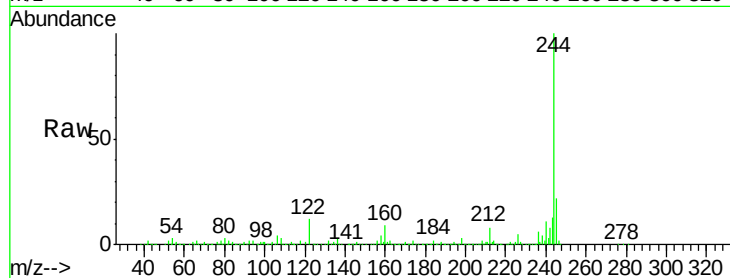
Tot Ion:244 Resp: 1210575

Ion Ratio Lower Upper

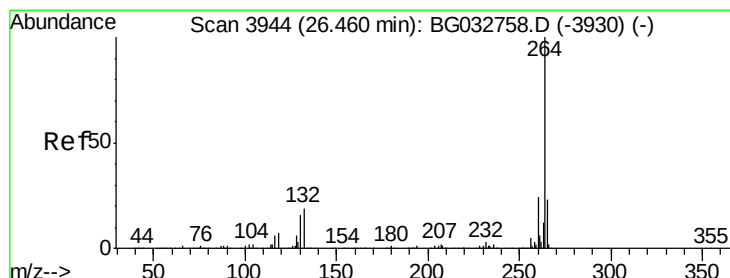
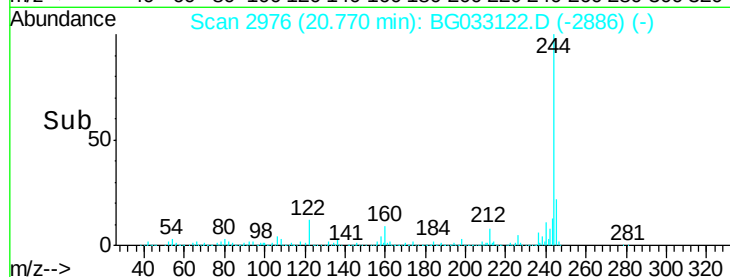
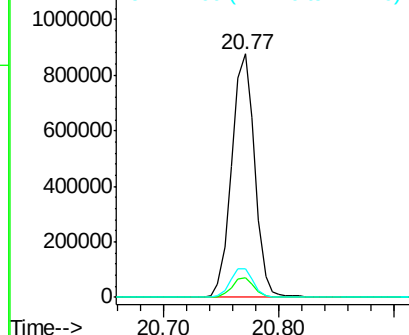
244 100

212 8.3 5.8 8.8

122 12.0 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: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033122.D

Acq: 13 Mar 2018 17:04

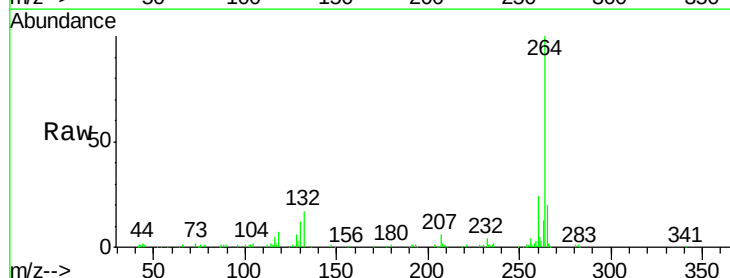
Tgt Ion:264 Resp: 211905

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.1 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

