

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033077.D
 Acq On : 9 Mar 2018 18:07
 Operator : SJ/JU
 Sample : J1855-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-A-COMP

Quant Time: Mar 10 00:35:50 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	52327	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	227952	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	128342	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	296800	20.00	ng	0.00
75) Chrysene-d12	22.61	240	275727	20.00	ng	0.00
86) Perylene-d12	26.41	264	239768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	463450	141.70	ng	0.00
7) Phenol-d6	8.01	99	573048	125.70	ng	0.00
23) Nitrobenzene-d5	10.11	82	414751	121.45	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	182157	134.98	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	860887	96.74	ng	0.00
78) Terphenyl-d14	20.77	244	1324154	107.90	ng	0.00

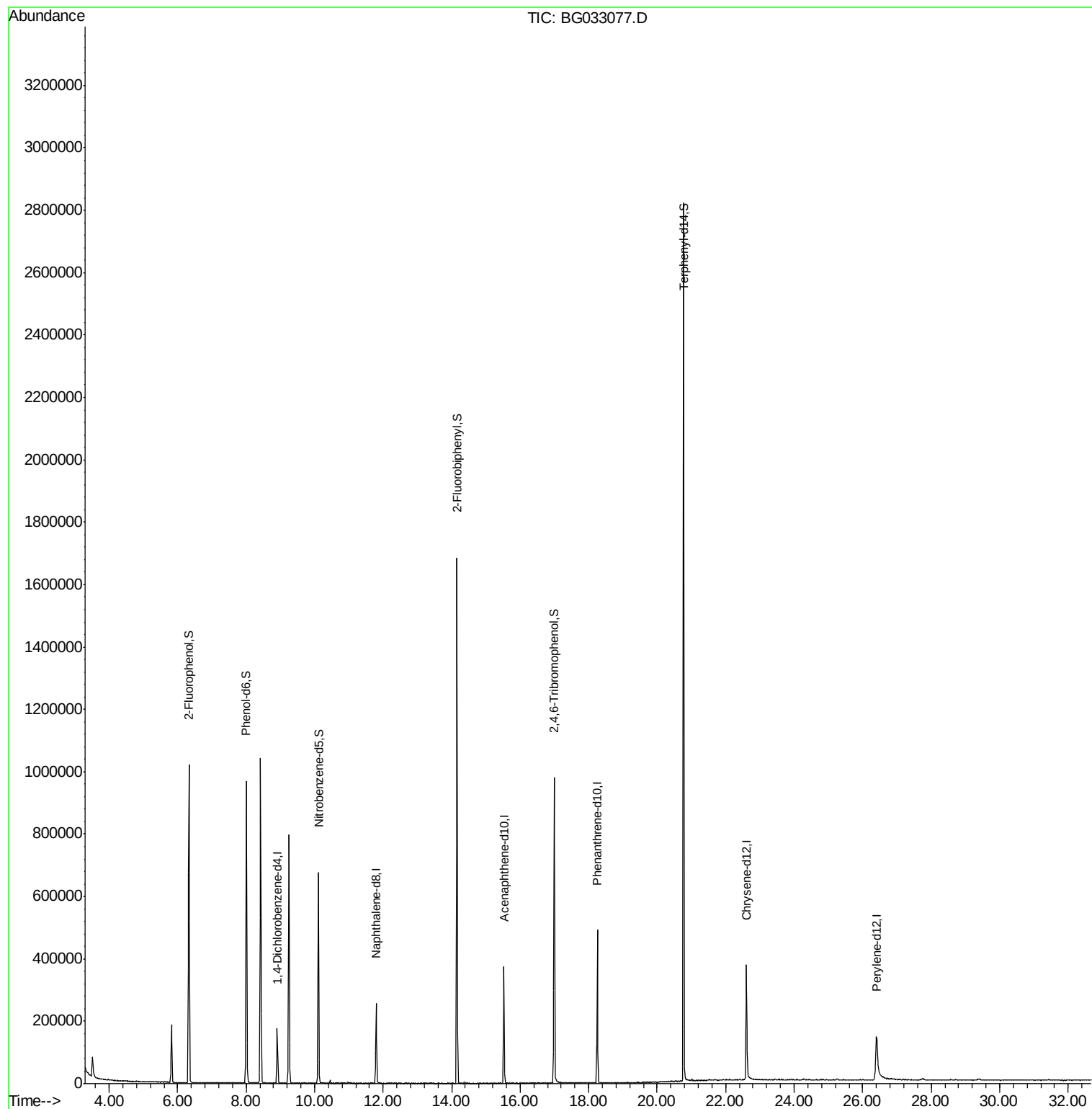
Target Compounds Qvalue

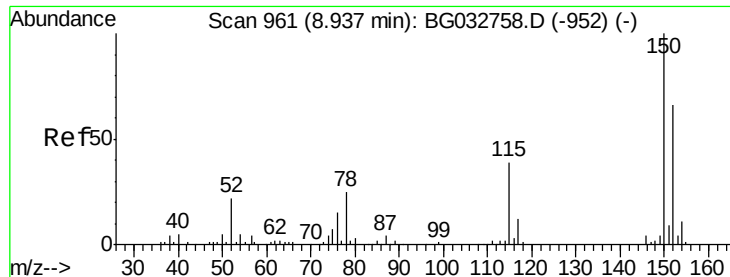
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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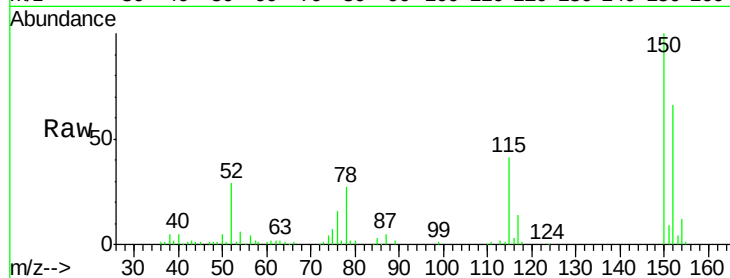


#1

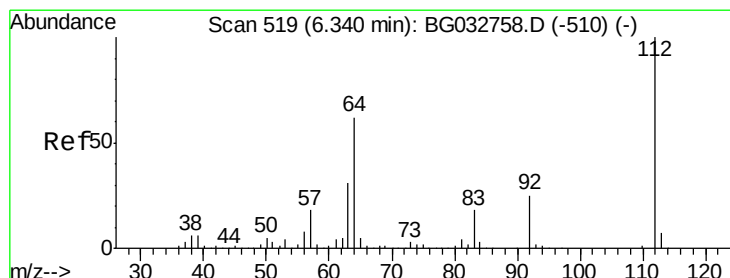
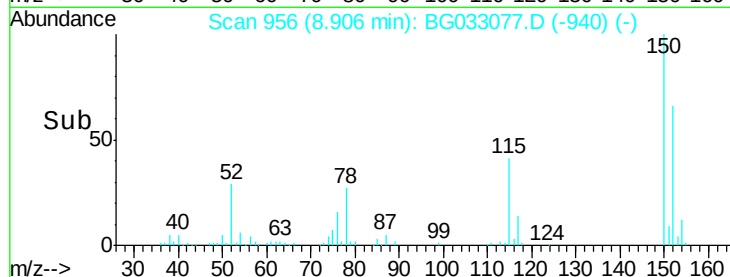
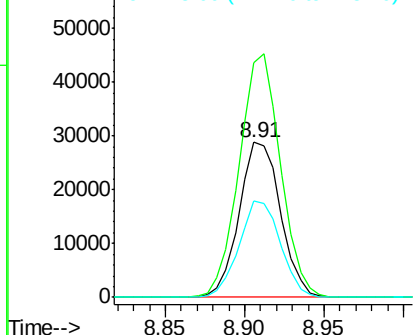
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033077.D
Acq: 9 Mar 2018 18:07

Instrument :
BNA_G
ClientSampleId :
TP-7-A-COMP

Tot Ion:152 Resp: 52327
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 62.3 53.0 79.4



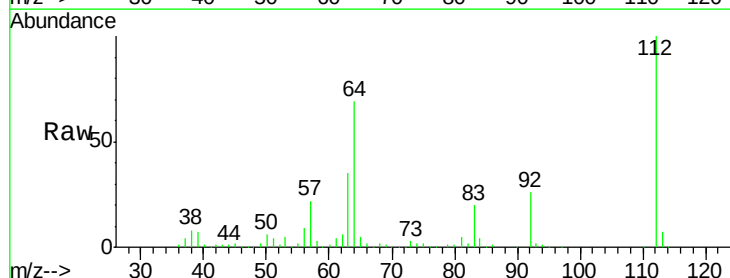
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



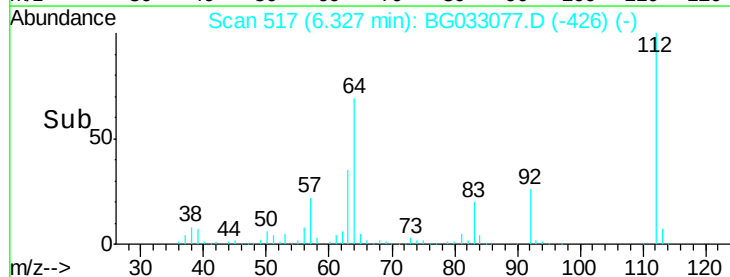
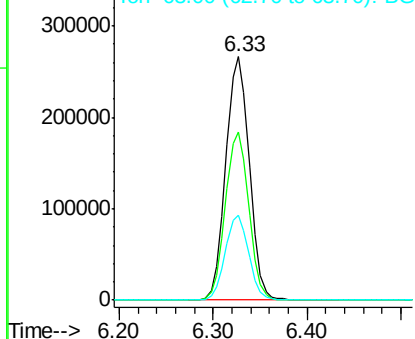
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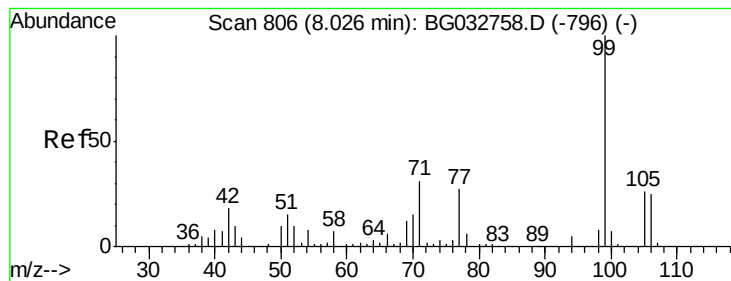
2-Fluorophenol
Concen: 141.696 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033077.D
Acq: 9 Mar 2018 18:07

Tgt Ion:112 Resp: 463450
Ion Ratio Lower Upper
112 100
64 69.0 56.3 84.5
63 34.8 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: 125.697 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033077.D

Acq: 9 Mar 2018 18:07

Instrument :

BNA_G

ClientSampleId :

TP-7-A-COMP

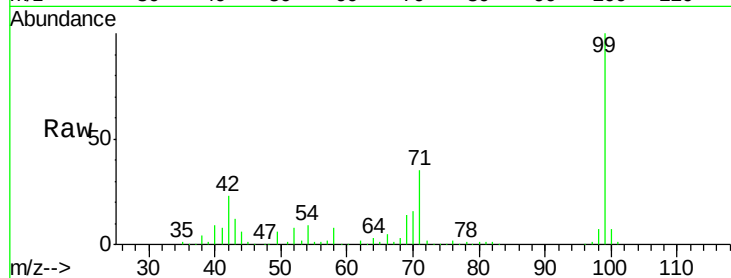
Tot Ion: 99 Resp: 573048

Ion Ratio Lower Upper

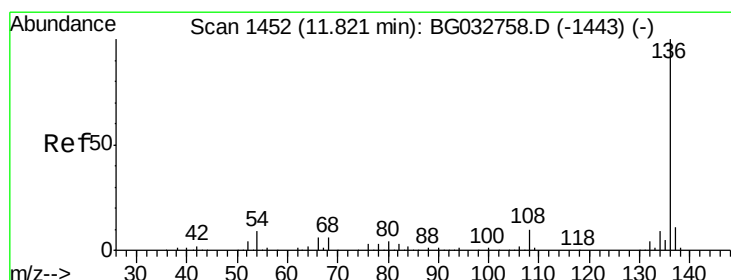
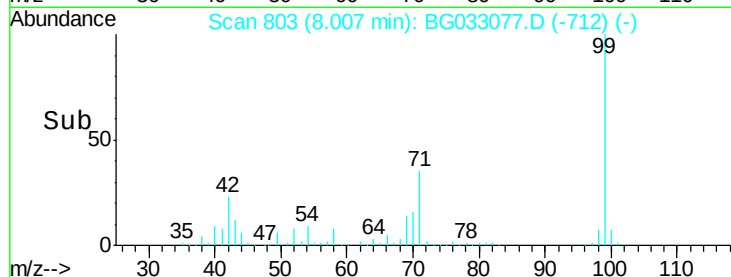
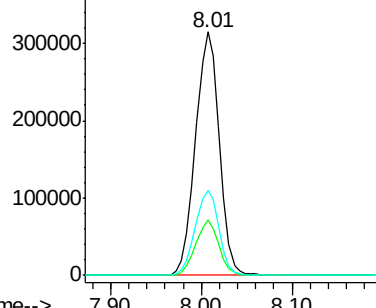
99 100

42 22.6 14.1 21.1#

71 34.9 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: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033077.D

Acq: 9 Mar 2018 18:07

Tgt Ion: 136 Resp: 227952

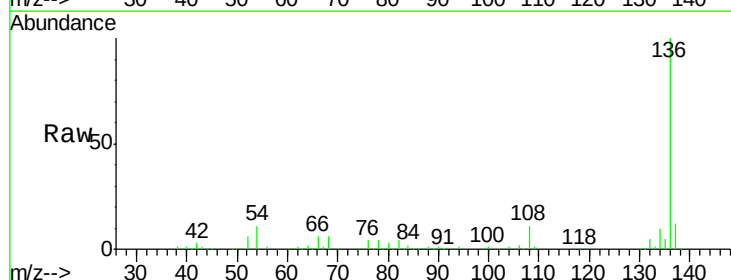
Ion Ratio Lower Upper

136 100

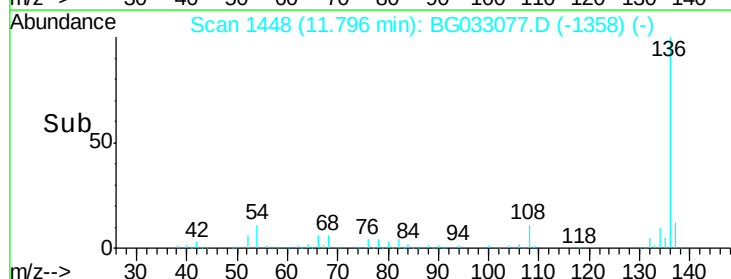
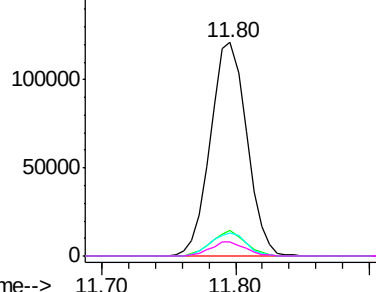
137 11.9 9.2 13.8

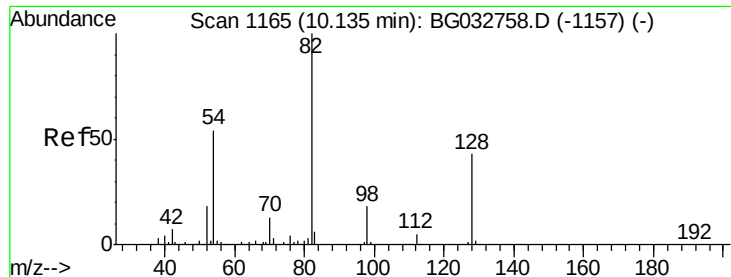
54 10.9 10.3 15.5

68 6.4 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

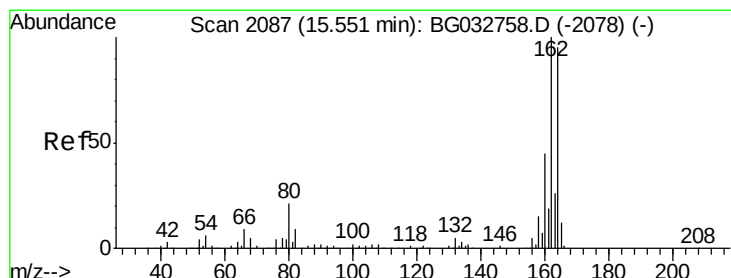
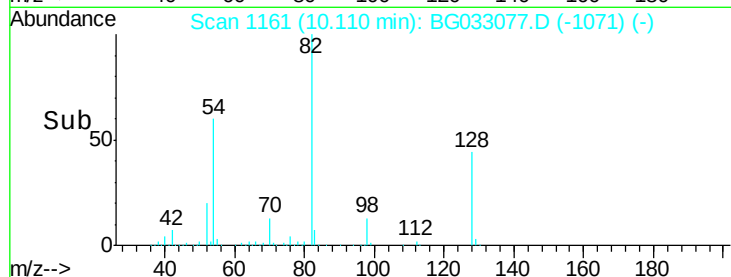
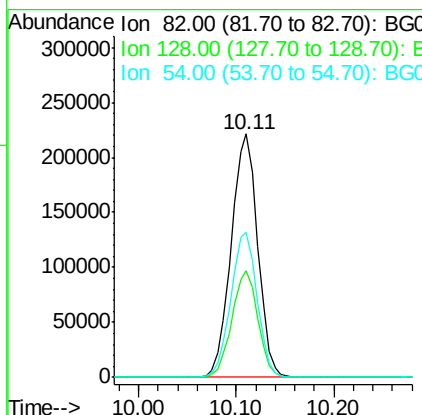
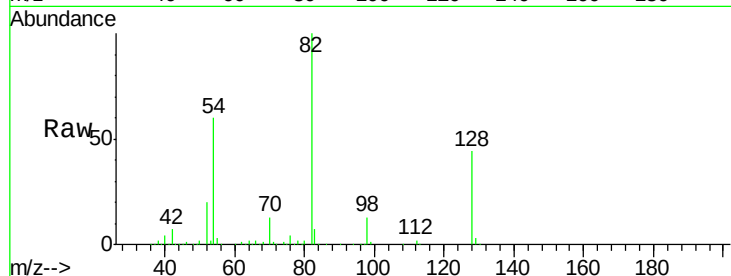




#23
 Nitrobenzene-d5
 Concen: 121.450 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033077.D
 Acq: 9 Mar 2018 18:07

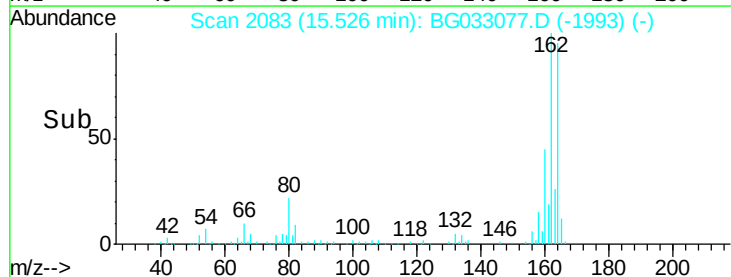
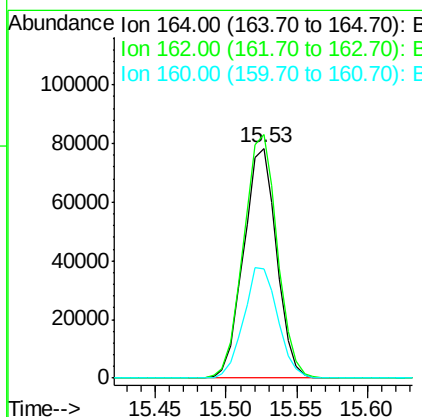
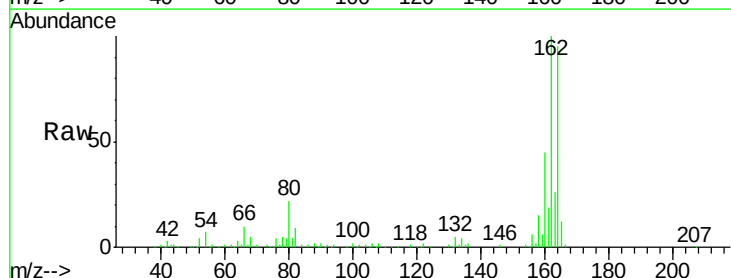
Instrument :
 BNA_G
 ClientSampleId :
 TP-7-A-COMP

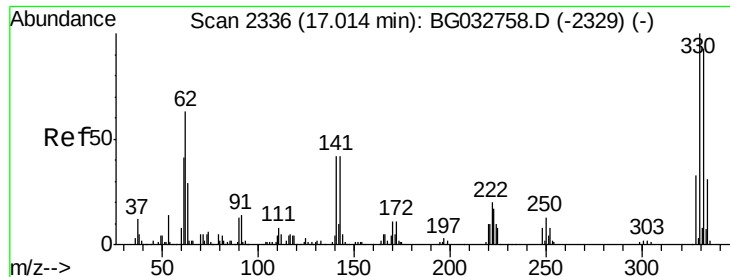
Tot Ion	82	Resp	414751
Ion Ratio	100	Lower	Upper
128	43.8	29.7	44.5
54	59.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033077.D
 Acq: 9 Mar 2018 18:07

Tgt Ion	164	Resp	128342
Ion Ratio	100	Lower	Upper
162	105.8	78.8	118.2
160	47.2	35.4	53.0

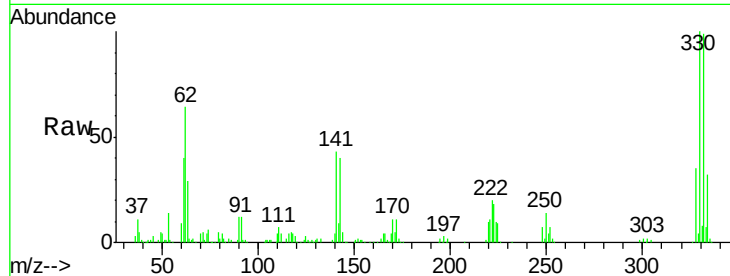




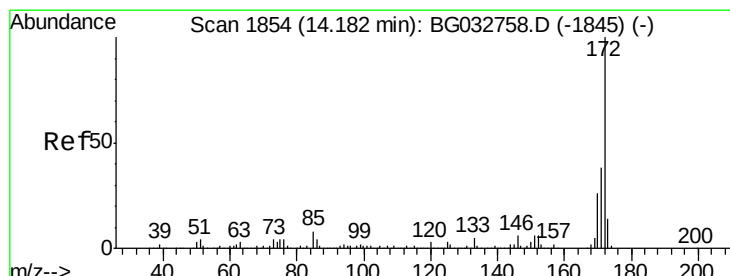
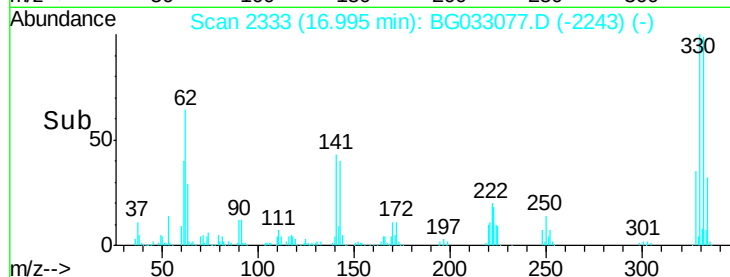
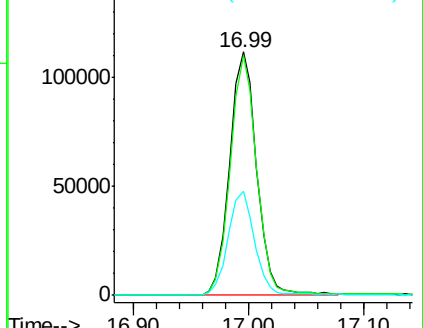
#41
 2,4,6-Tribromophenol
 Concen: 134.984 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033077.D
 Acq: 9 Mar 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-A-COMP

Tot Ion:330 Resp: 182157
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 42.1 25.2 37.8#

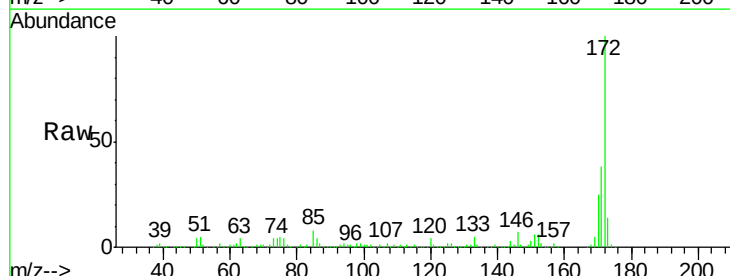


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

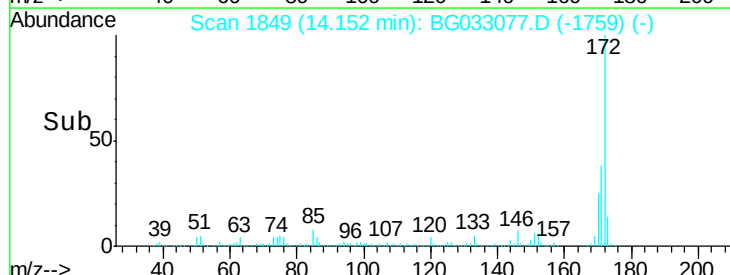
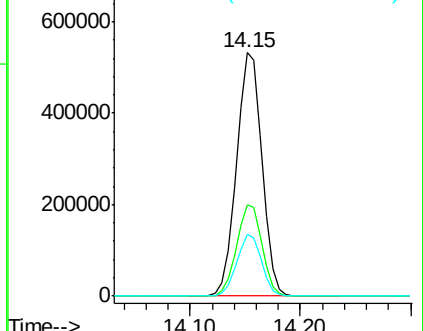


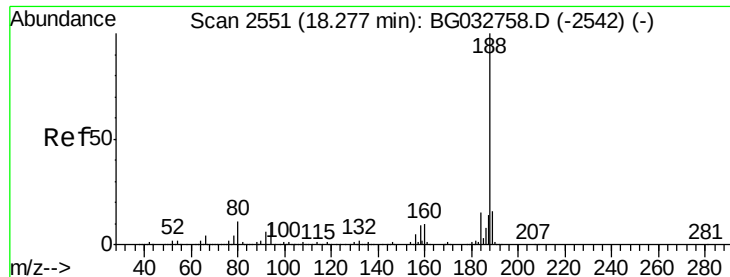
#44
 2-Fluorobiphenyl
 Concen: 96.743 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033077.D
 Acq: 9 Mar 2018 18:07

Tgt Ion:172 Resp: 860887
 Ion Ratio Lower Upper
 172 100
 171 37.6 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: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033077.D

Acq: 9 Mar 2018 18:07

Instrument :

BNA_G

ClientSampleId :

TP-7-A-COMP

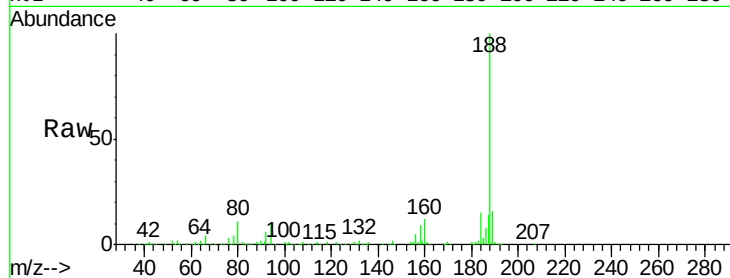
Tot Ion:188 Resp: 296800

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

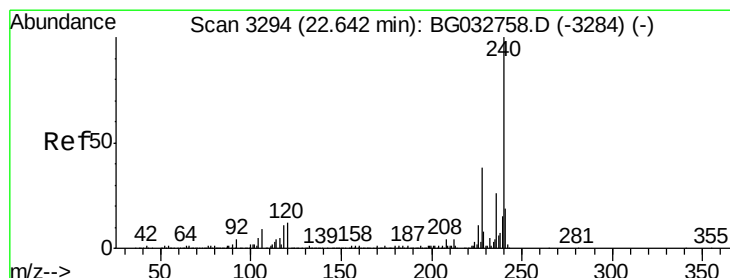
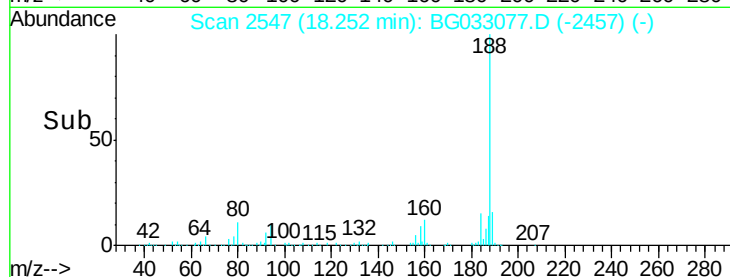
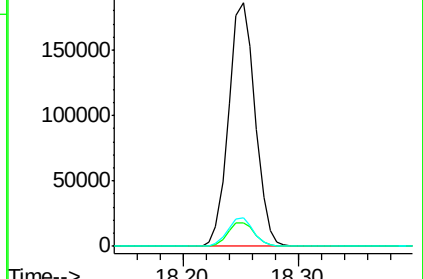
80 11.5 7.7 11.5



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: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033077.D

Acq: 9 Mar 2018 18:07

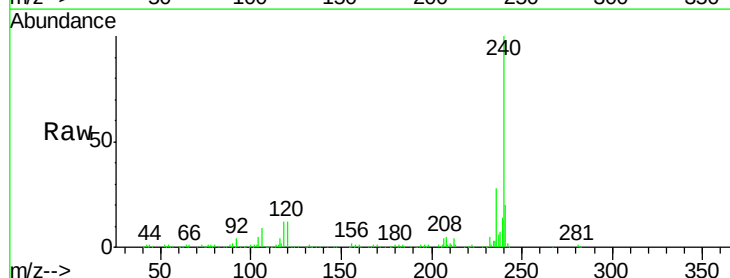
Tgt Ion:240 Resp: 275727

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

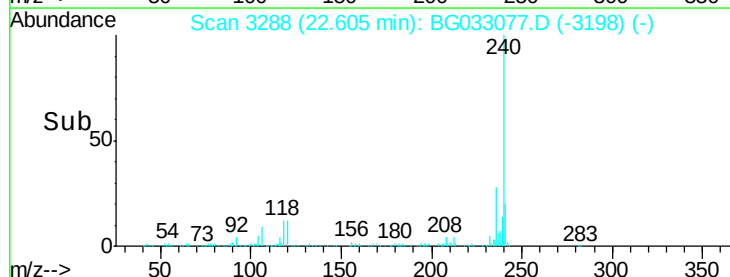
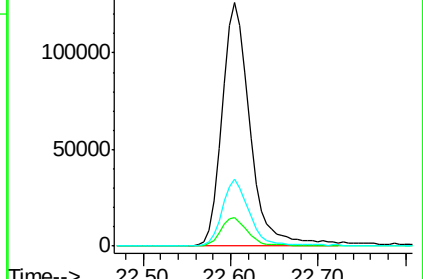
236 27.7 20.9 31.3

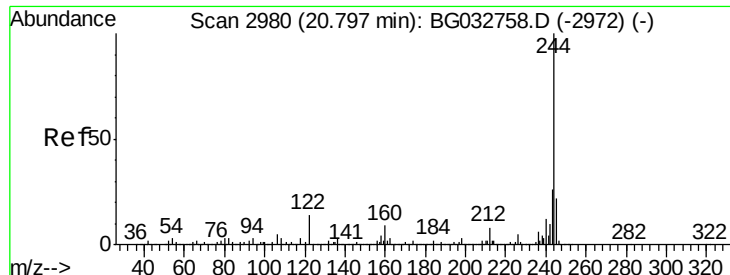


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

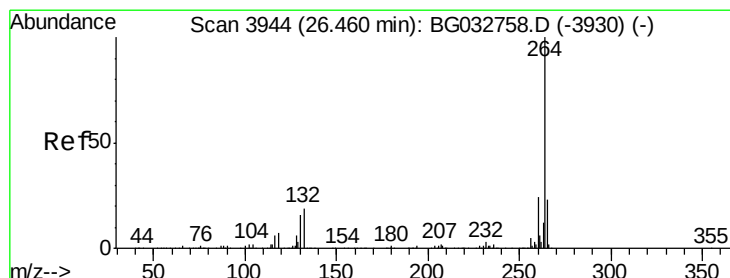
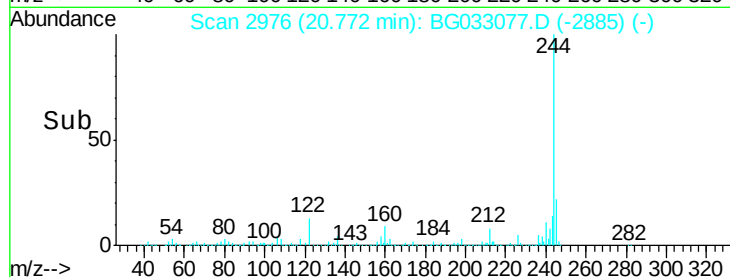
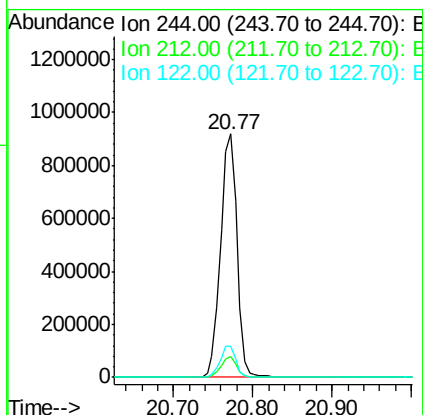
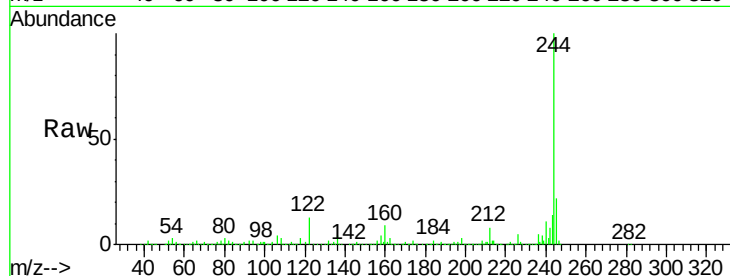




#78
 Terphenyl-d14
 Concen: 107.897 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG033077.D
 Acq: 9 Mar 2018 18:07

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 TP-7-A-COMP

Tot Ion:244 Resp: 1324154
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 12.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033077.D
 Acq: 9 Mar 2018 18:07

Tgt Ion:264 Resp: 239768
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 22.2 17.7 26.5

