

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032892.D
 Acq On : 28 Feb 2018 17:57
 Operator : SJ/JU
 Sample : J1403-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718

Quant Time: Mar 01 02:29:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

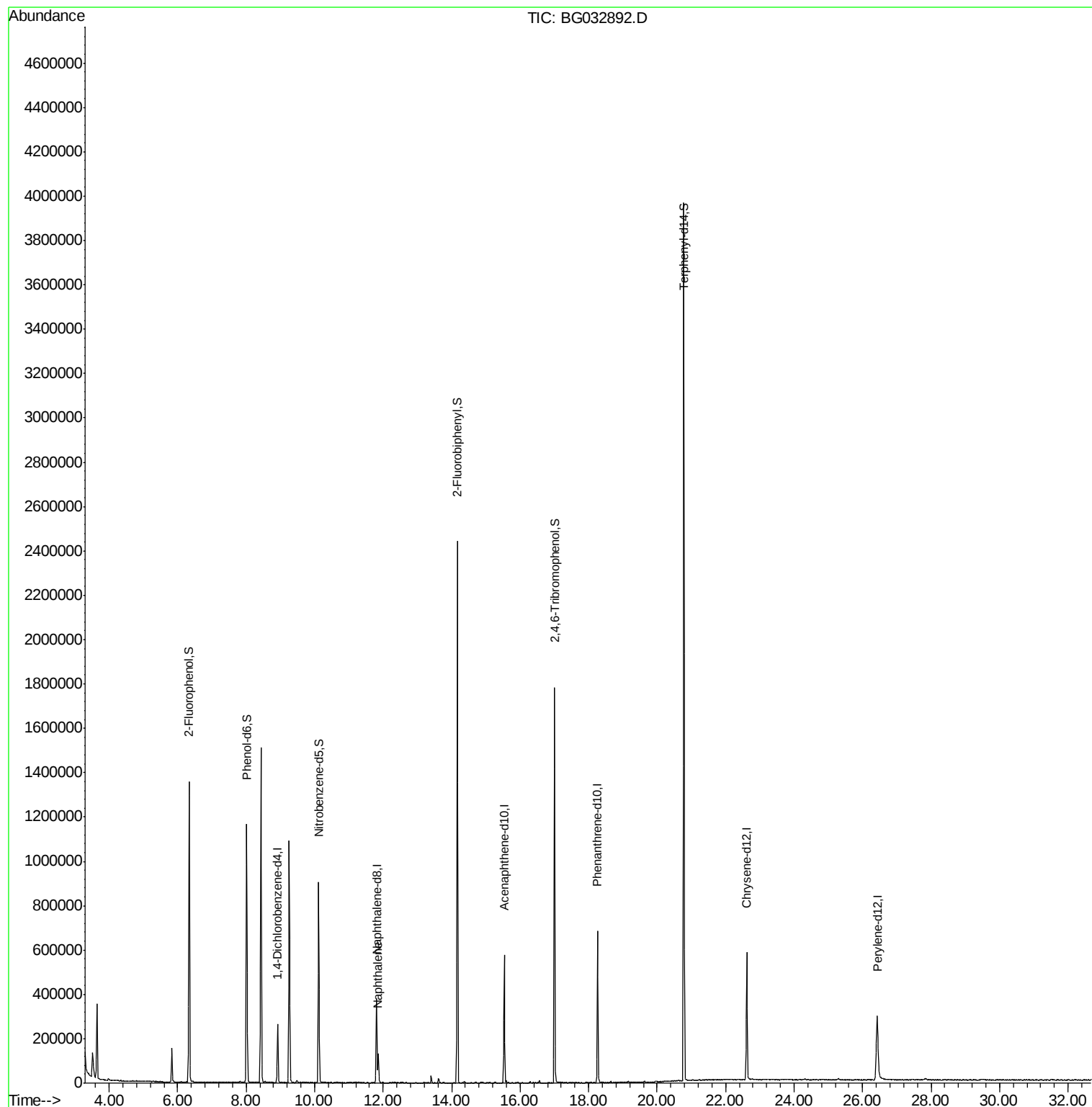
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	79718	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	347140	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	194714	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	427198	20.00	ng	0.00
75) Chrysene-d12	22.62	240	387641	20.00	ng	-0.01
86) Perylene-d12	26.42	264	393877	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	663599	133.18	ng	0.00
7) Phenol-d6	8.01	99	763363	109.91	ng	0.00
23) Nitrobenzene-d5	10.12	82	582491	112.78	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	312169	152.47	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1216528	90.11	ng	0.00
78) Terphenyl-d14	20.78	244	1712960	99.28	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	120976	6.669	ng	Qvalue 99

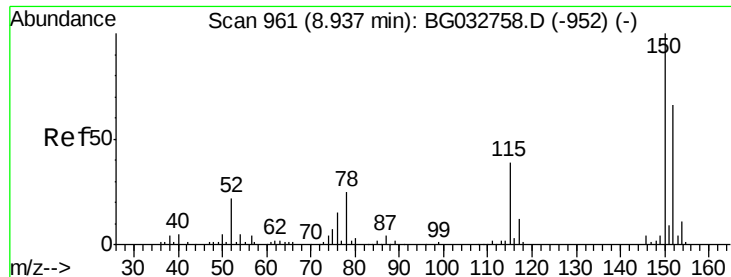
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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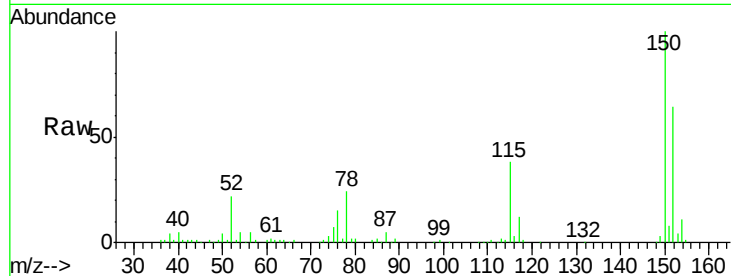


#1

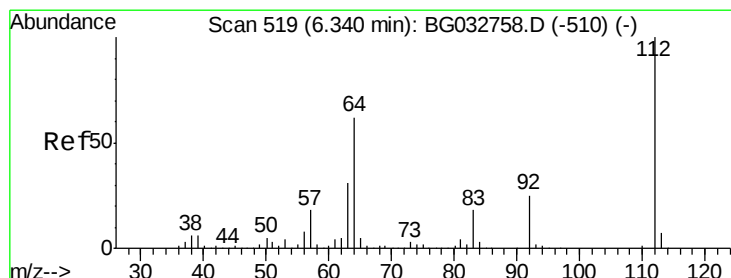
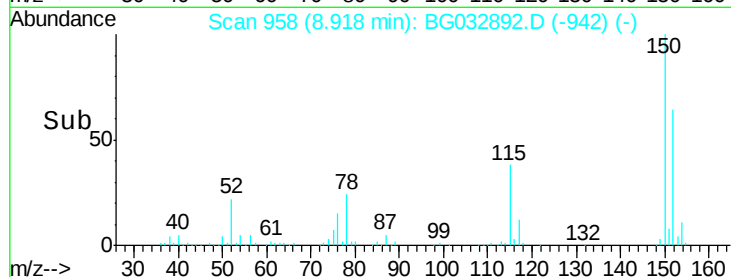
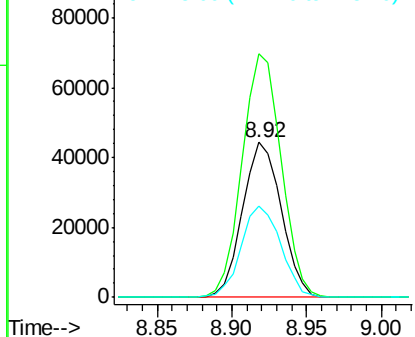
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032892.D
Acq: 28 Feb 2018 17:57

Instrument :
BNA_G
ClientSampleId :
SU-03-022718

Tot Ion:152 Resp: 79718
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 59.2 53.0 79.4



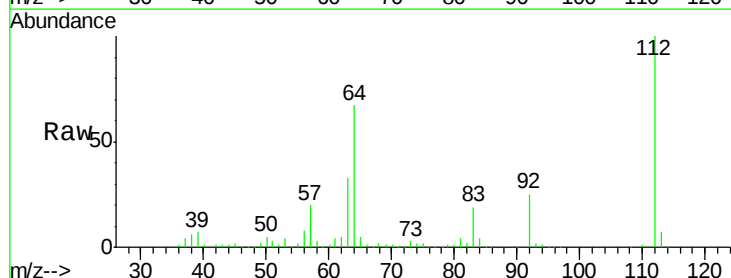
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



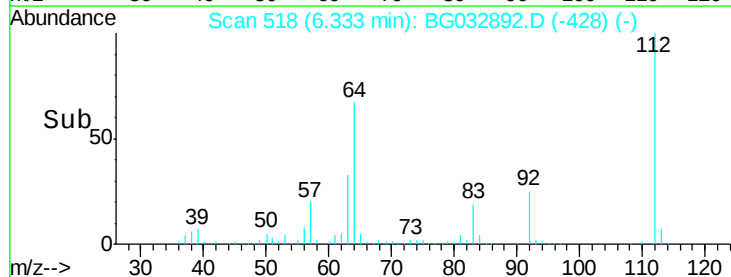
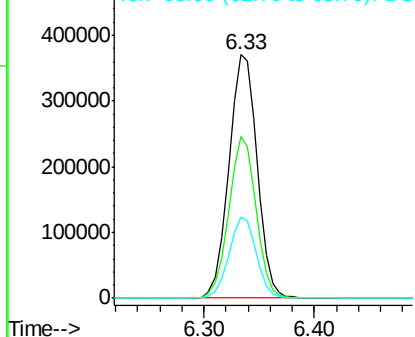
#5

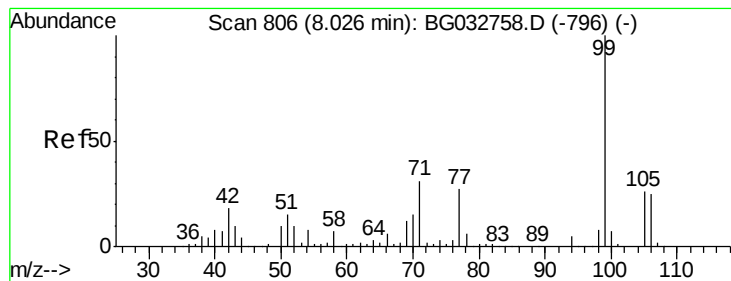
2-Fluorophenol
Concen: 133.177 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032892.D
Acq: 28 Feb 2018 17:57

Tgt Ion:112 Resp: 663599
Ion Ratio Lower Upper
112 100
64 66.6 56.3 84.5
63 33.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 109.910 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032892.D

Acq: 28 Feb 2018 17:57

Instrument :

BNA_G

ClientSampleId :

SU-03-022718

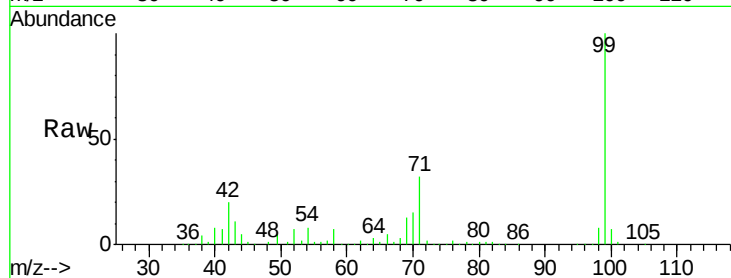
Tot Ion: 99 Resp: 763363

Ion Ratio Lower Upper

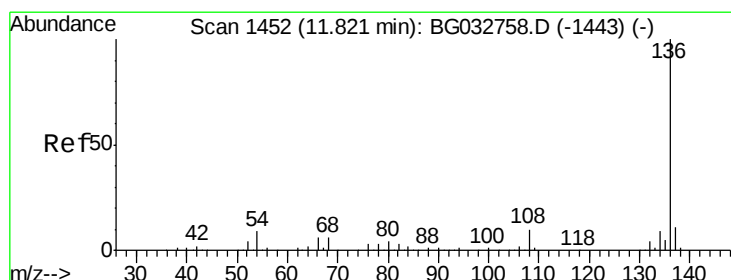
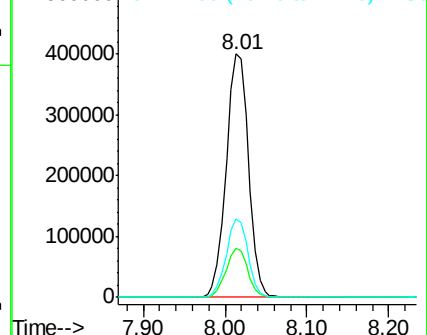
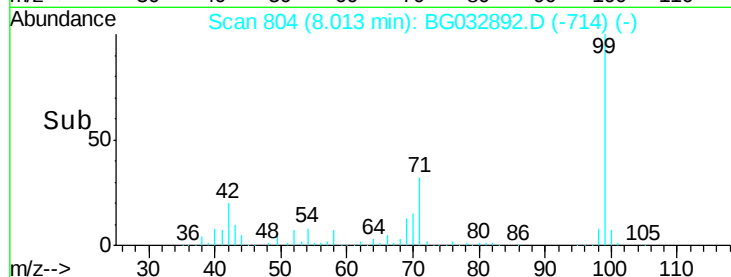
99 100

42 19.9 14.1 21.1

71 32.5 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: BG032892.D

Acq: 28 Feb 2018 17:57

Tgt Ion: 136 Resp: 347140

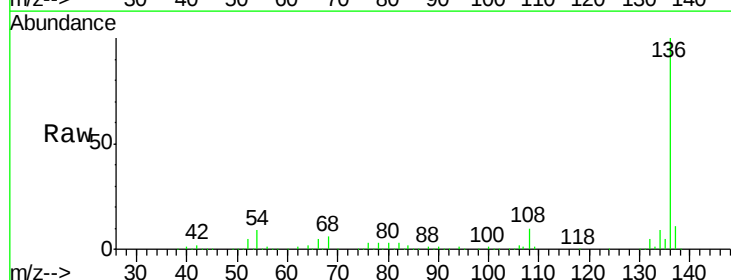
Ion Ratio Lower Upper

136 100

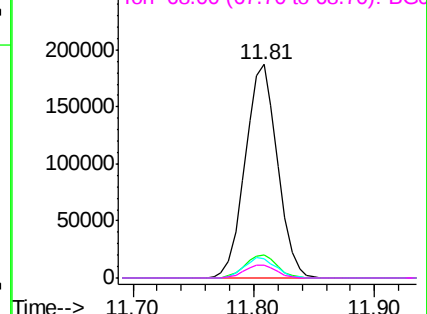
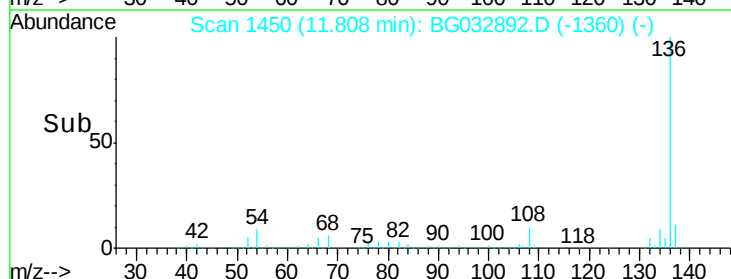
137 10.6 9.2 13.8

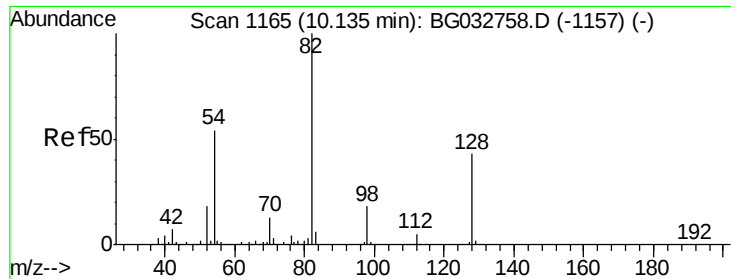
54 9.1 10.3 15.5#

68 6.0 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

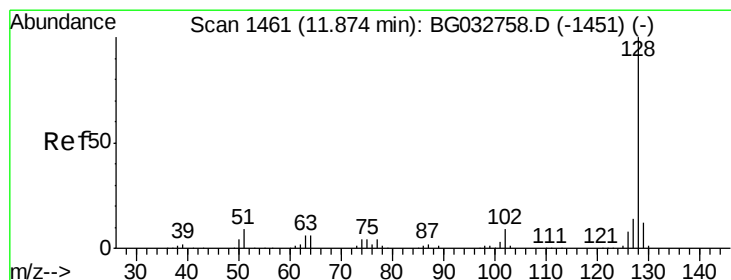
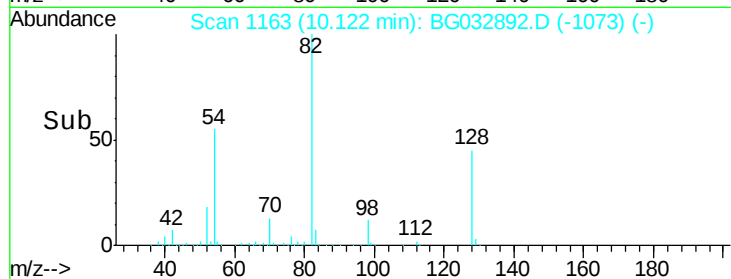
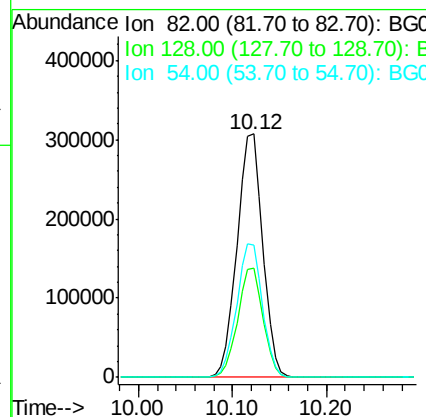
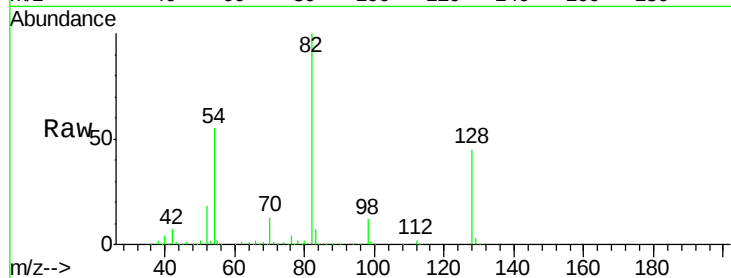




#23
Nitrobenzene-d5
Concen: 112.776 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032892.D
Acq: 28 Feb 2018 17:57

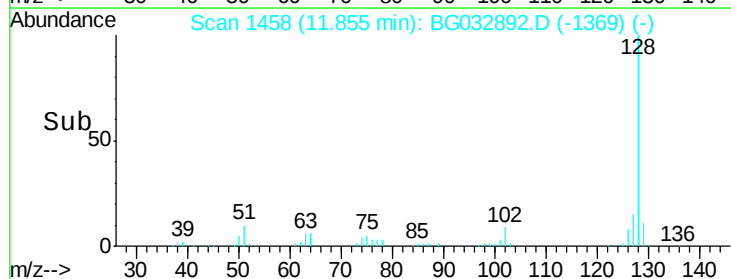
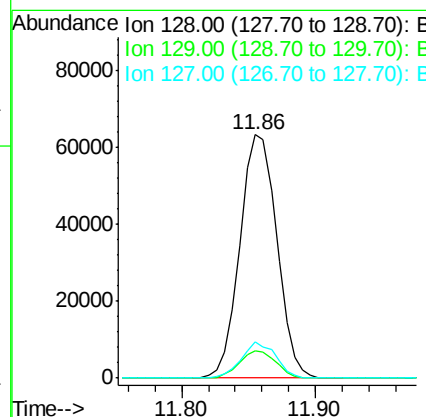
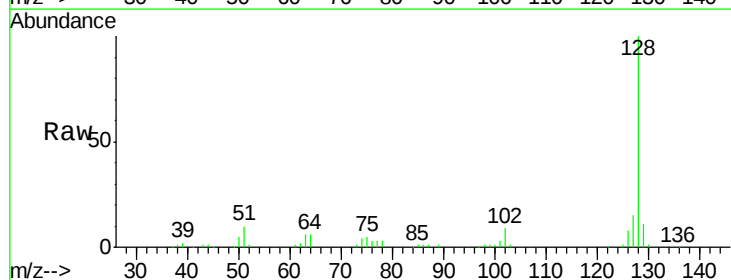
Instrument :
BNA_G
ClientSampleId :
SU-03-022718

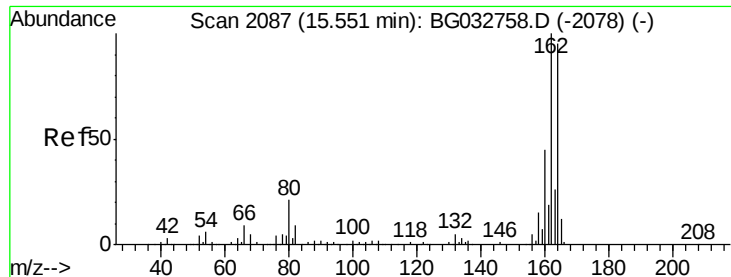
Tot Ion	82	Resp	582491
Ion Ratio	Lower	Upper	
82	100		
128	44.7	29.7	44.5#
54	54.5	43.1	64.7



#31
Naphthalene
Concen: 6.669 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032892.D
Acq: 28 Feb 2018 17:57

Tgt Ion	128	Resp	120976
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	14.7	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: BG032892.D

Acq: 28 Feb 2018 17:57

Instrument :

BNA_G

ClientSampleId :

SU-03-022718

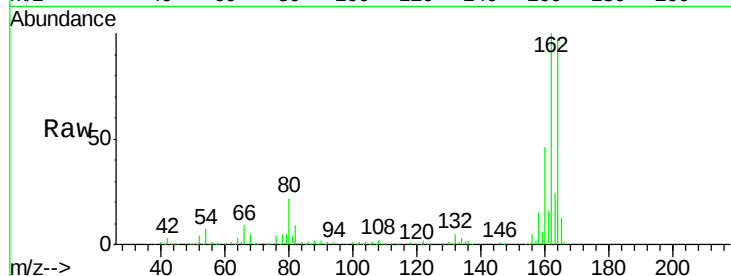
Tot Ion:164 Resp: 194714

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

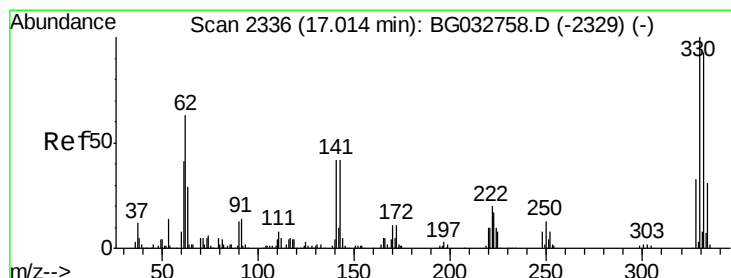
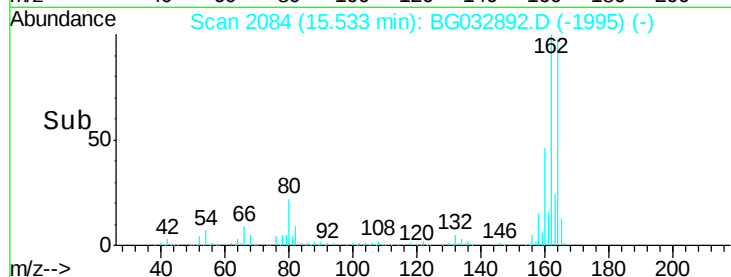
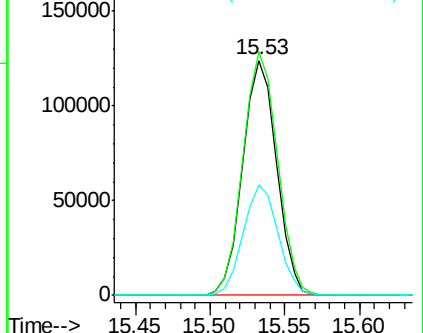
160 47.2 35.4 53.0



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: 152.475 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032892.D

Acq: 28 Feb 2018 17:57

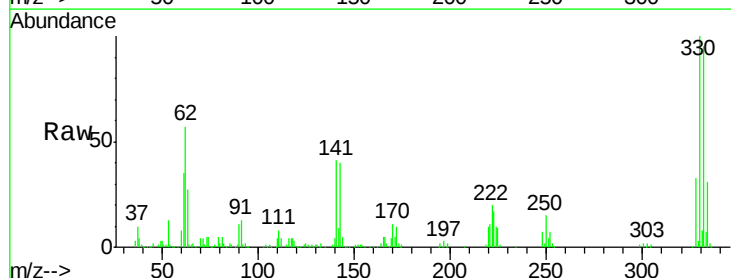
Tgt Ion:330 Resp: 312169

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

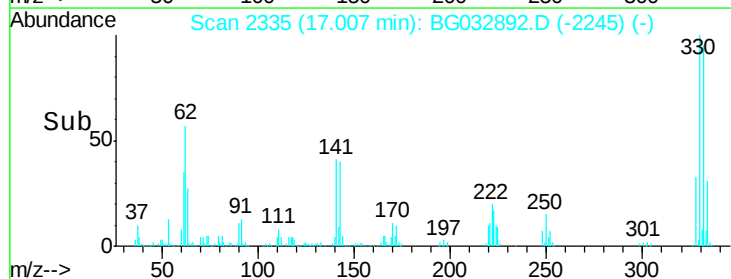
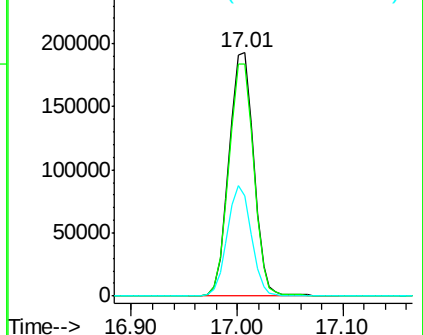
141 44.2 25.2 37.8#

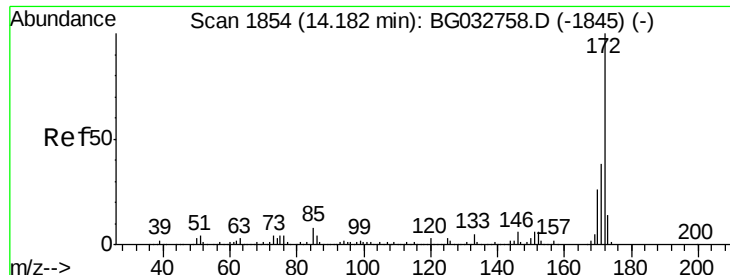


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

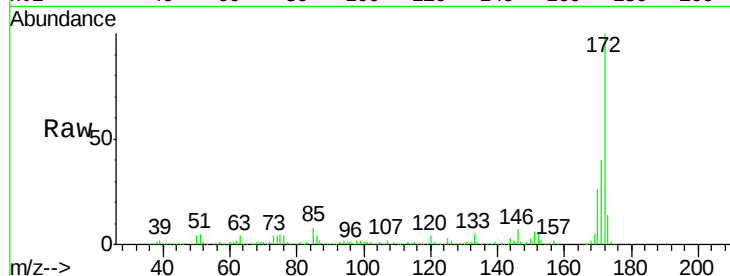




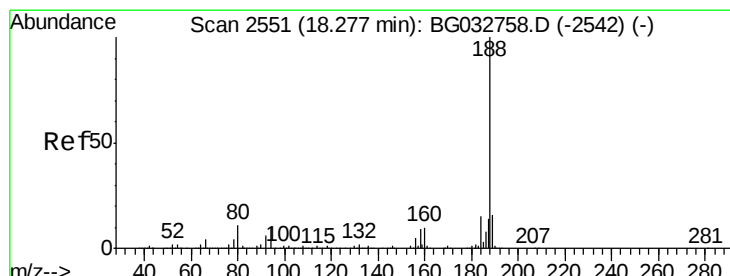
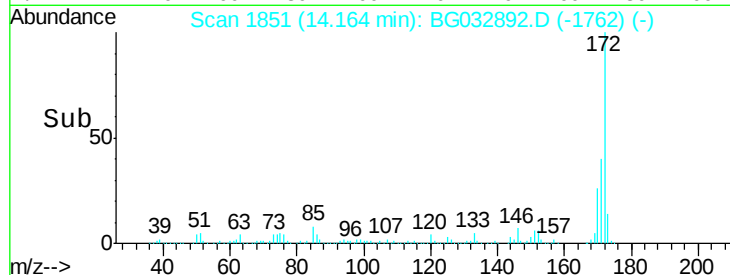
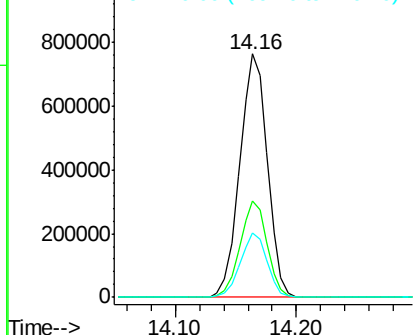
#44
2-Fluorobiphenyl
Concen: 90.109 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032892.D
Acq: 28 Feb 2018 17:57

Instrument :
BNA_G
ClientSampleId :
SU-03-022718

Tot Ion:172 Resp: 1216528
Ion Ratio Lower Upper
172 100
171 39.7 30.0 45.0
170 26.4 19.5 29.3

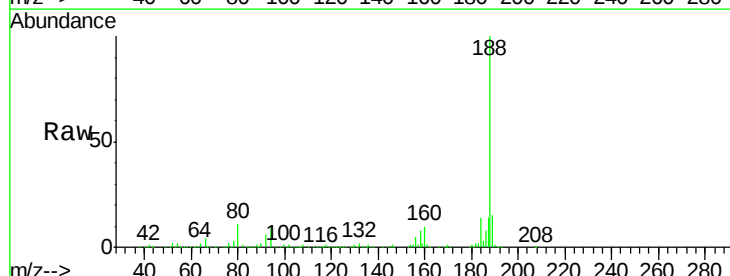


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

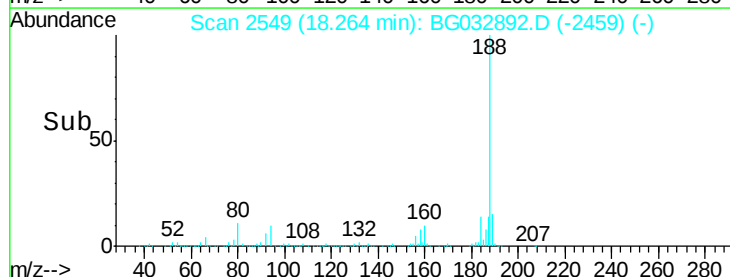
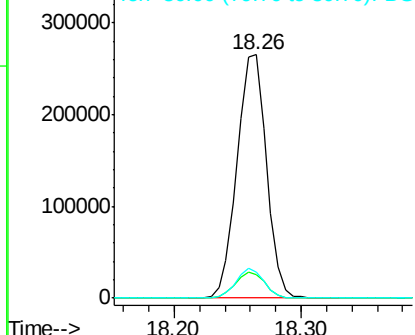


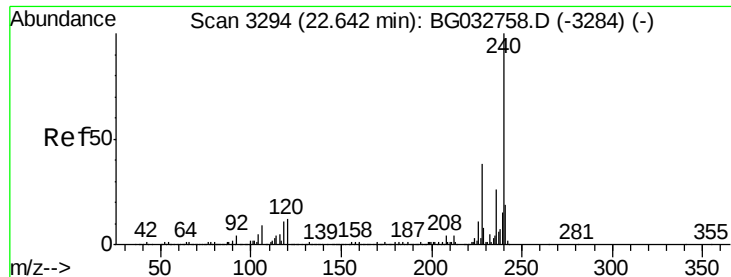
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032892.D
Acq: 28 Feb 2018 17:57

Tgt Ion:188 Resp: 427198
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 10.9 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: 22.62 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032892.D

Acq: 28 Feb 2018 17:57

Instrument :

BNA_G

ClientSampleId :

SU-03-022718

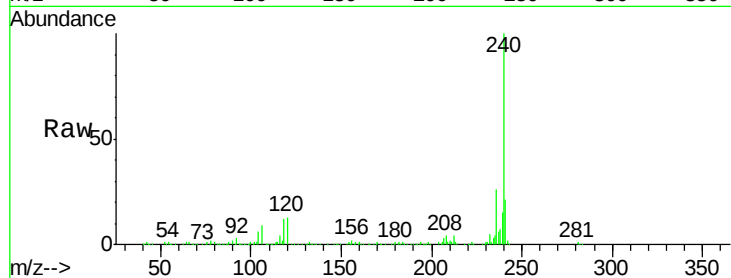
Tot Ion:240 Resp: 387641

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

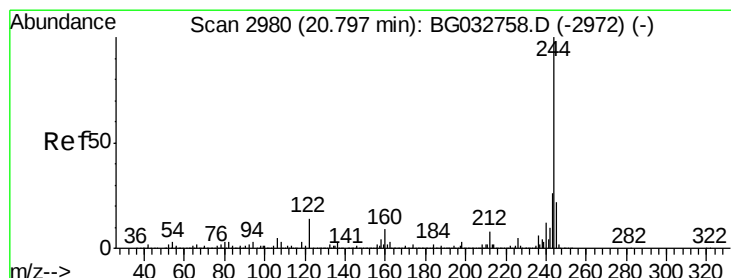
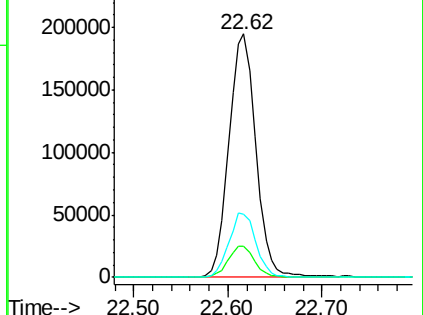
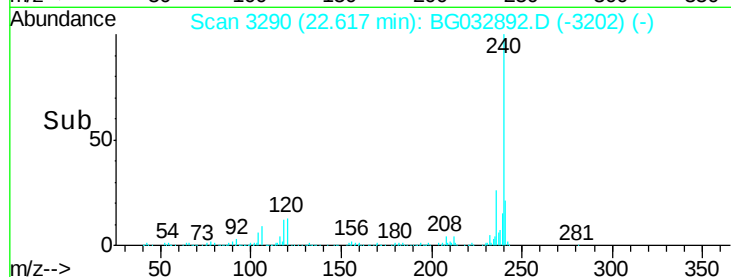
236 26.1 20.9 31.3



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: 99.281 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG032892.D

Acq: 28 Feb 2018 17:57

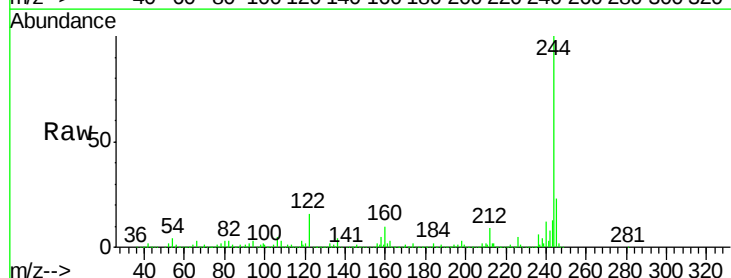
Tgt Ion:244 Resp: 1712960

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

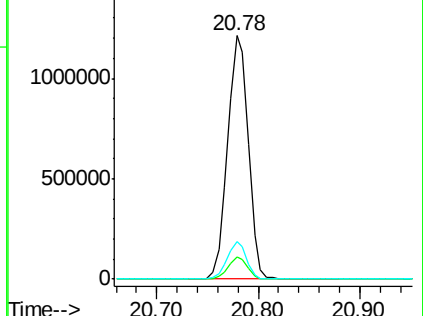
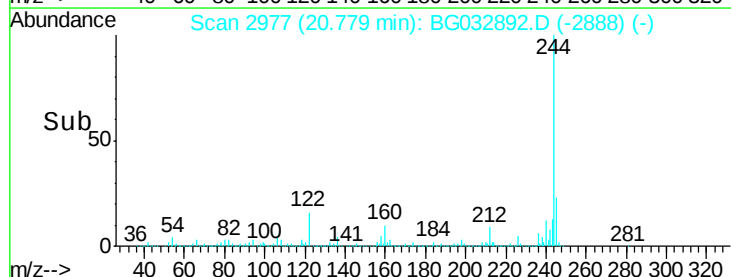
122 15.5 7.0 10.4#

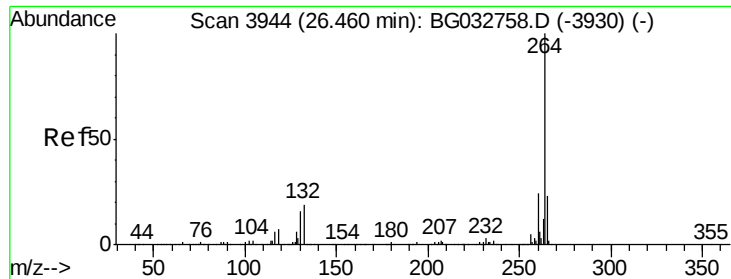


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3938
Delta R.T. -0.01 min
Lab File: BG032892.D
Acq: 28 Feb 2018 17:57

Instrument :
BNA_G
ClientSampleId :
SU-03-022718

Tot Ion:264 Resp: 393877
Ion Ratio Lower Upper
264 100
260 23.0 17.4 26.0
265 21.3 17.7 26.5

