

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032766.D
 Acq On : 21 Feb 2018 19:04
 Operator : SJ/JU
 Sample : J1403-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-022018

Quant Time: Feb 22 06:49:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

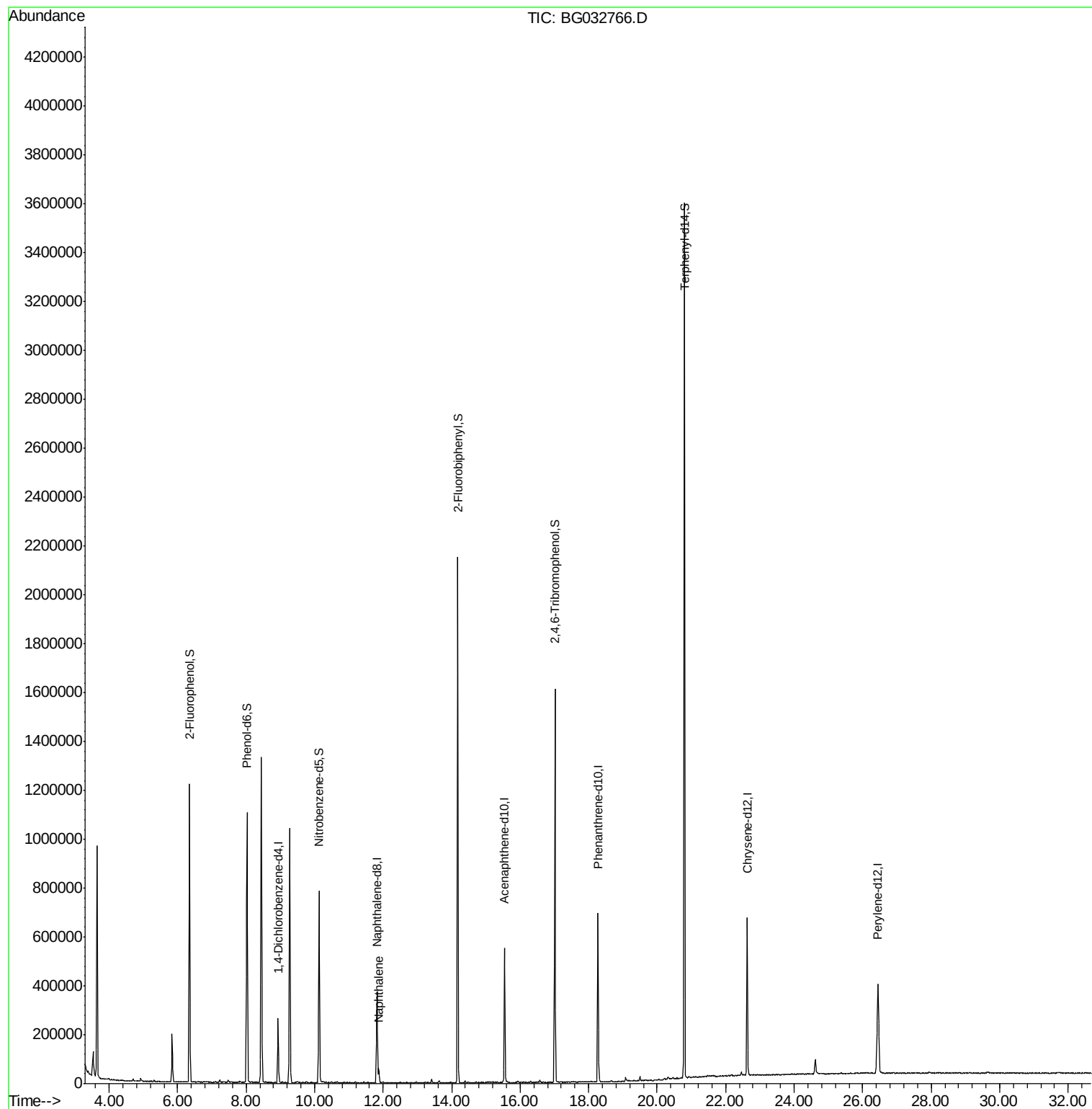
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	79487	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	341805	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	190478	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	418971	20.00	ng	0.00
75) Chrysene-d12	22.63	240	404975	20.00	ng	-0.01
86) Perylene-d12	26.45	264	431802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	597731	120.31	ng	0.00
7) Phenol-d6	8.02	99	708857	102.36	ng	0.00
23) Nitrobenzene-d5	10.13	82	498936	99.40	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	290272	144.93	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1136252	86.03	ng	0.00
78) Terphenyl-d14	20.79	244	1600675	88.80	ng	0.00
Target Compounds						
31) Naphthalene	11.87	128	55185	3.090	ng	Qvalue 98

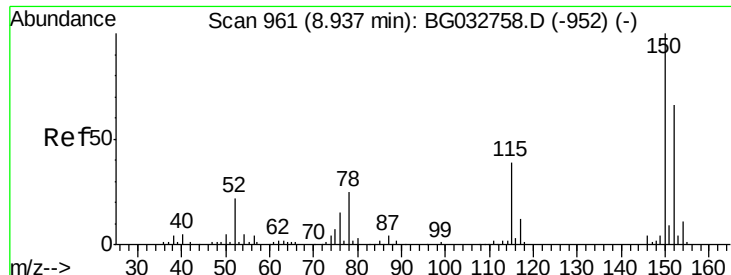
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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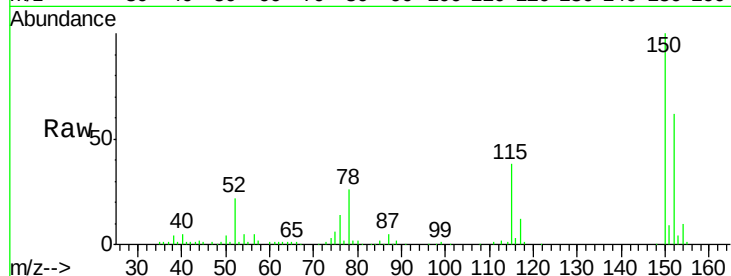


#1

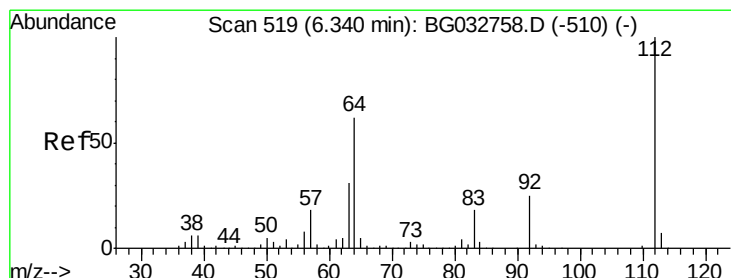
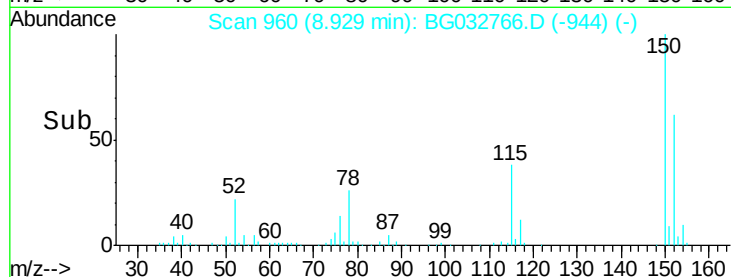
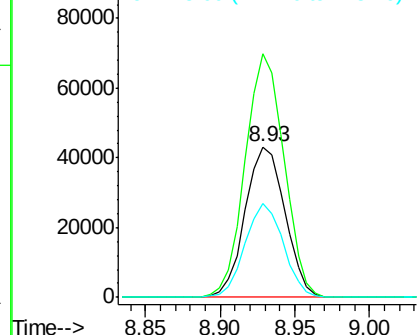
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Instrument :
BNA_G
ClientSampleId :
SU-04-022018

Tot Ion:152 Resp: 79487
Ion Ratio Lower Upper
152 100
150 162.1 126.6 189.8
115 62.4 53.0 79.4



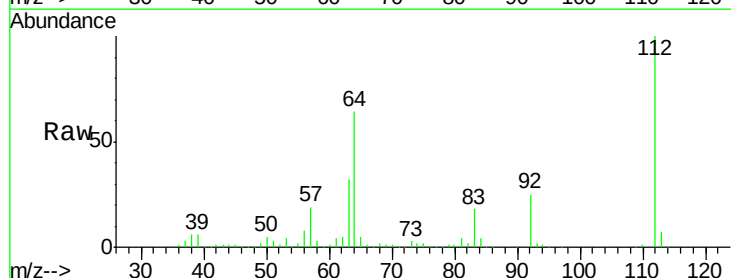
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



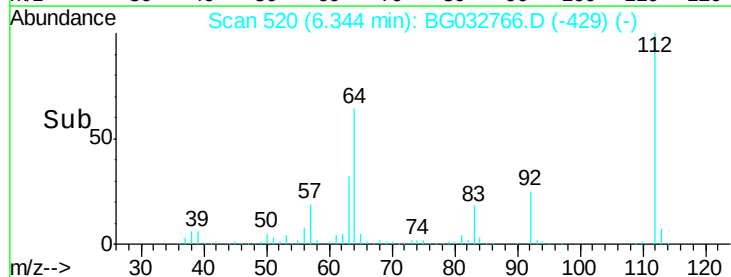
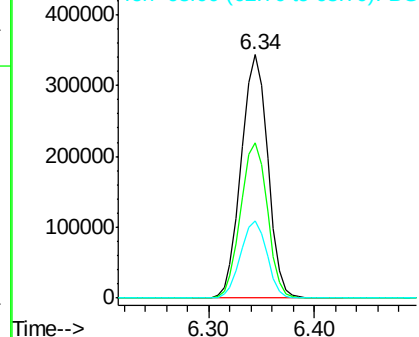
#5

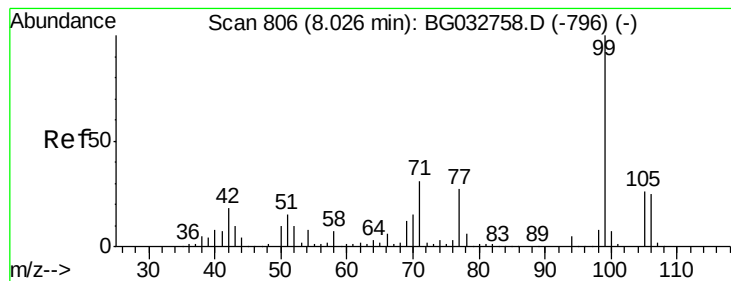
2-Fluorophenol
Concen: 120.307 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion:112 Resp: 597731
Ion Ratio Lower Upper
112 100
64 63.9 56.3 84.5
63 31.6 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: 102.358 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

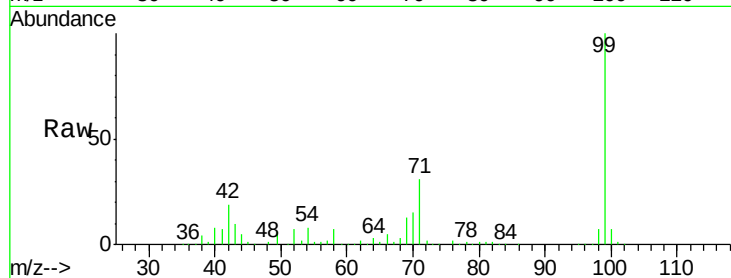
Tot Ion: 99 Resp: 708857

Ion Ratio Lower Upper

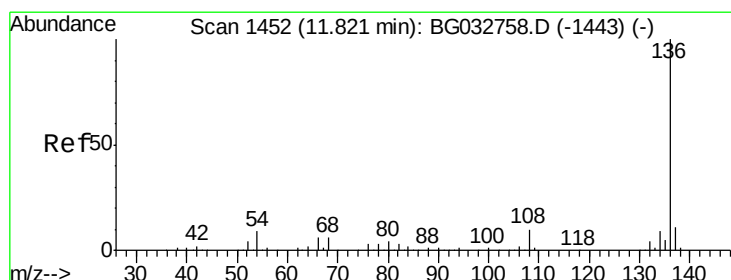
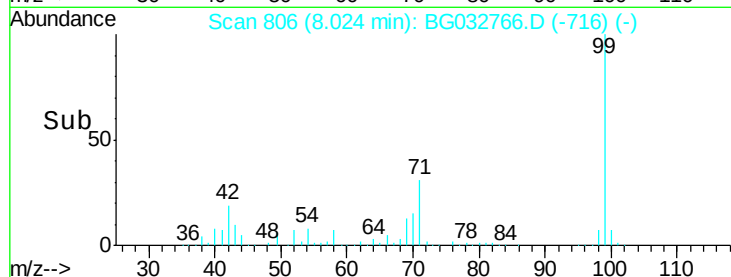
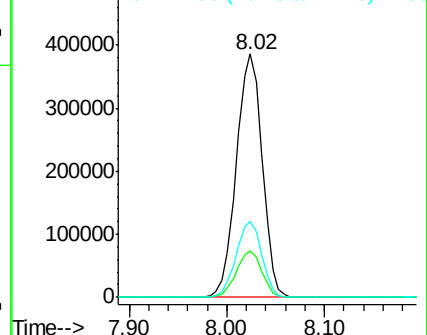
99 100

42 19.2 14.1 21.1

71 31.0 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: 11.82 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Tgt Ion: 136 Resp: 341805

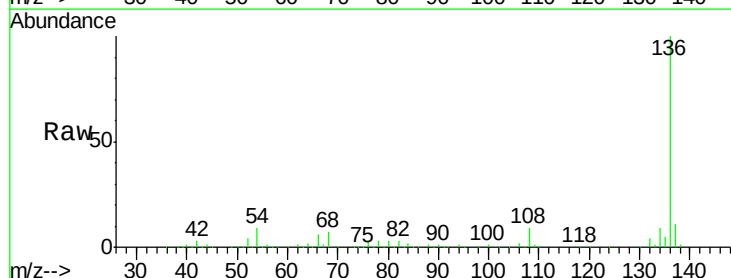
Ion Ratio Lower Upper

136 100

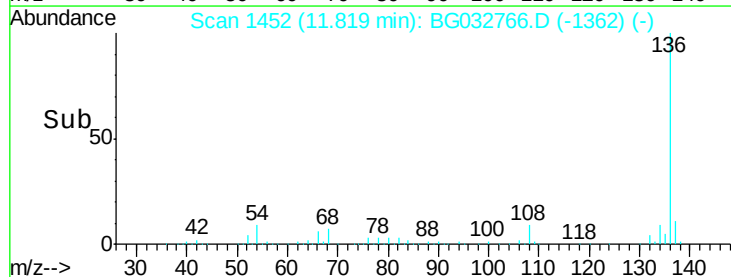
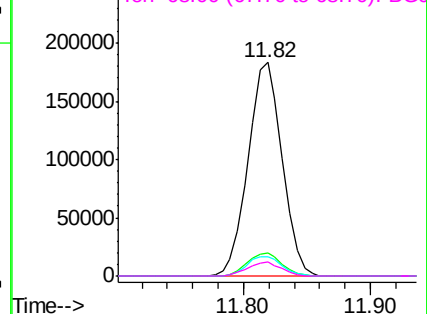
137 10.9 9.2 13.8

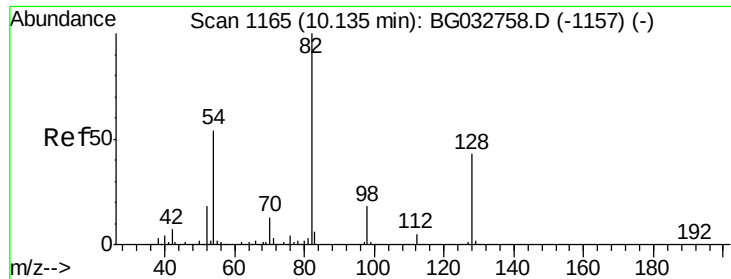
54 9.1 10.3 15.5#

68 6.6 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

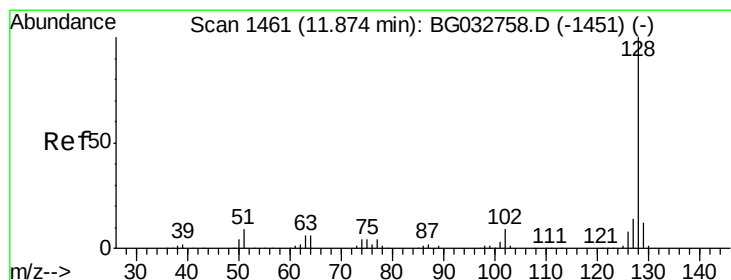
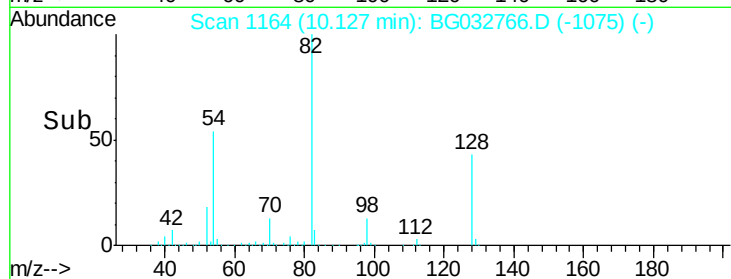
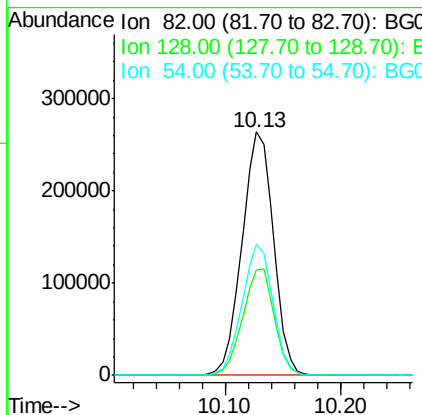
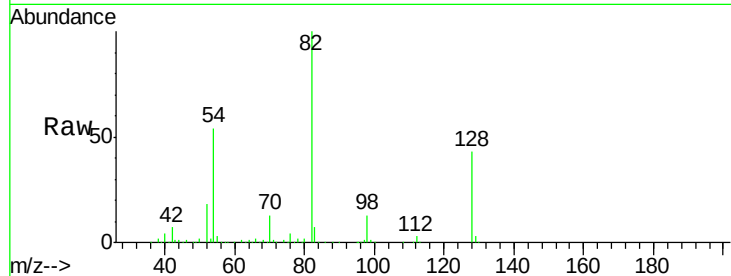




#23
Nitrobenzene-d5
Concen: 99.396 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

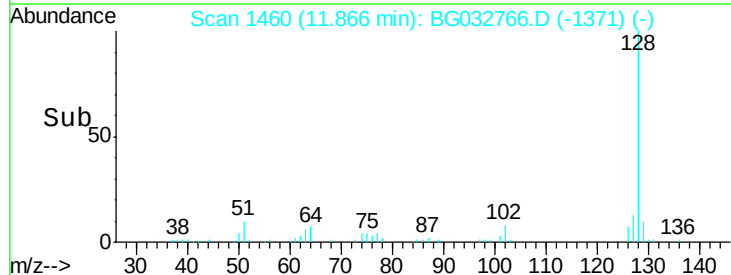
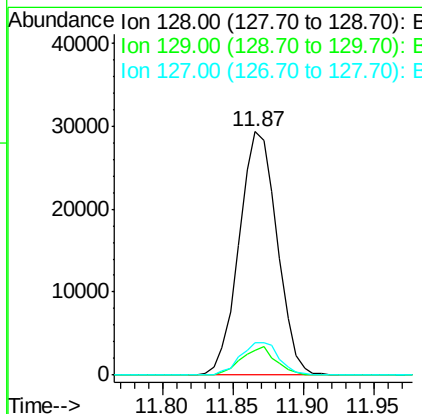
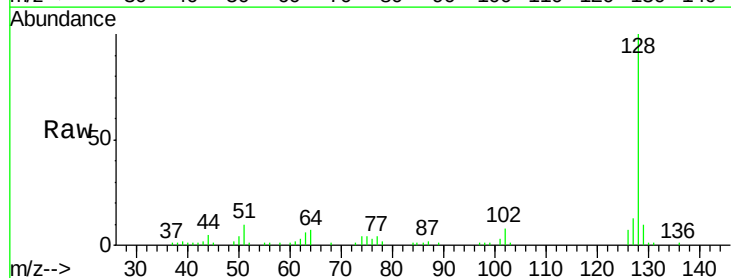
Instrument :
BNA_G
ClientSampleId :
SU-04-022018

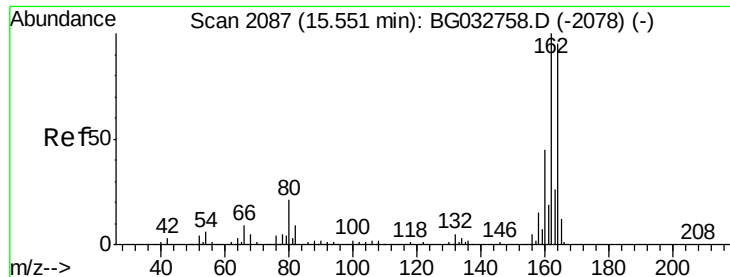
Tot Ion:	82	Resp:	498936
Ion	Ratio	Lower	Upper
82	100		
128	43.0	29.7	44.5
54	53.8	43.1	64.7



#31
Naphthalene
Concen: 3.090 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion:	128	Resp:	55185
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	13.2	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

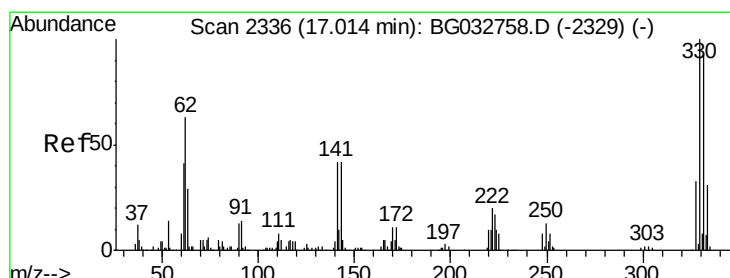
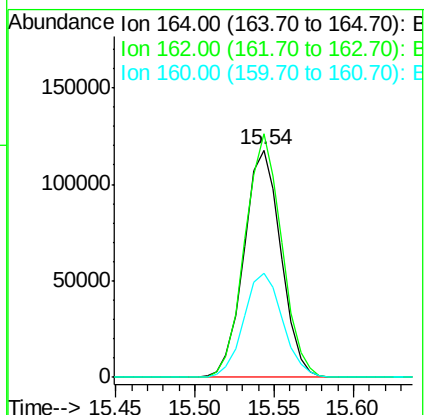
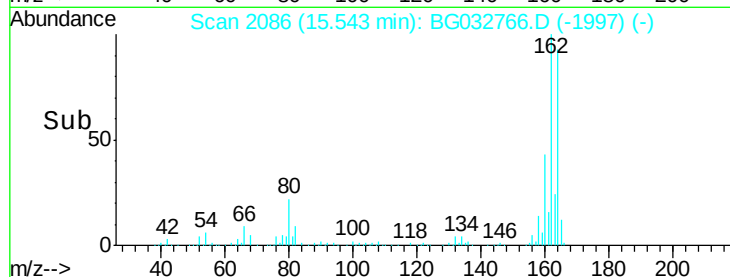
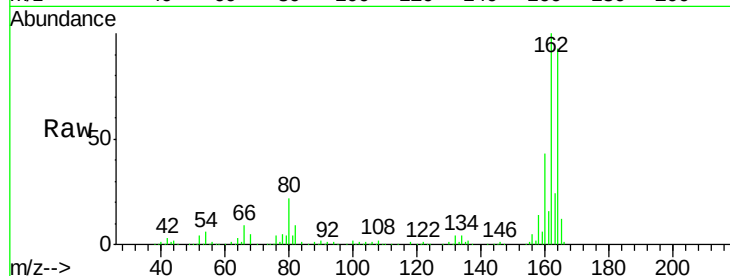
Tot Ion:164 Resp: 190478

Ion Ratio Lower Upper

164 100

162 107.1 78.8 118.2

160 46.1 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 144.932 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

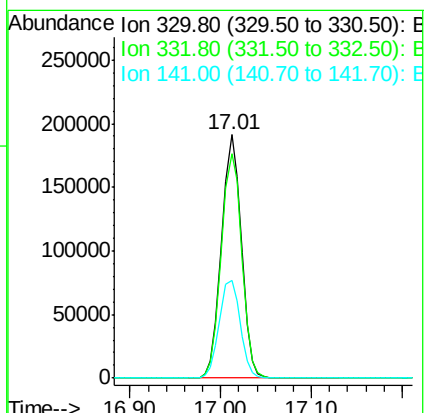
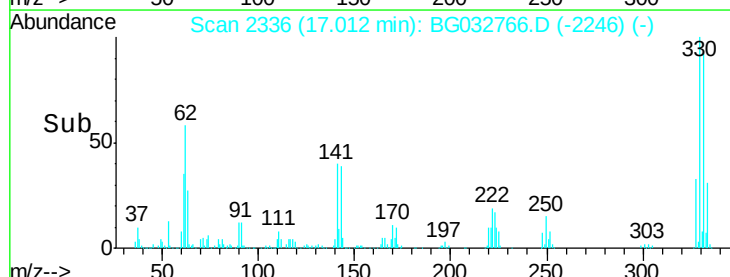
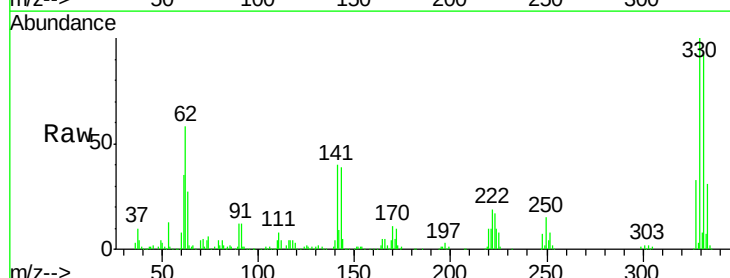
Tgt Ion:330 Resp: 290272

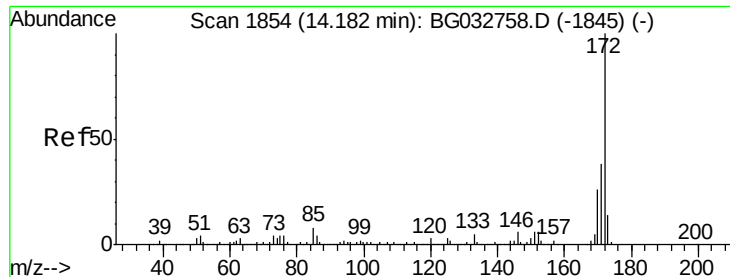
Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 42.5 25.2 37.8#

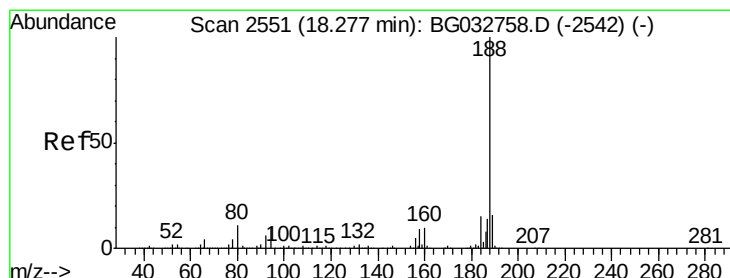
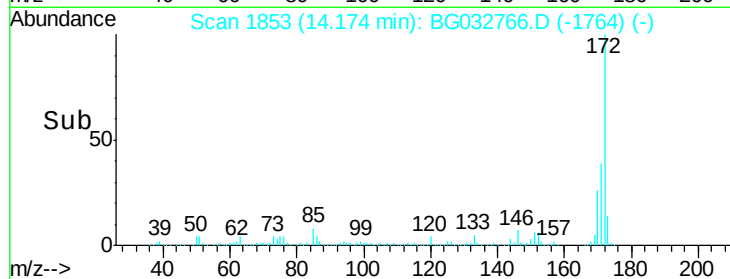
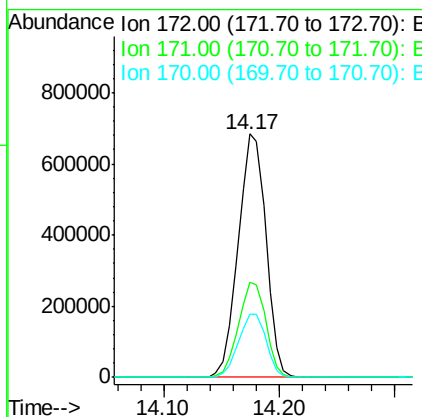
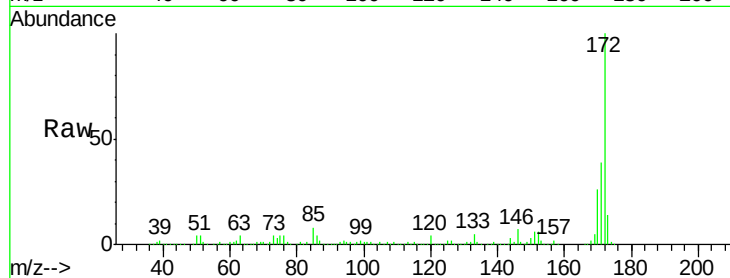




#44
 2-Fluorobiphenyl
 Concen: 86.034 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

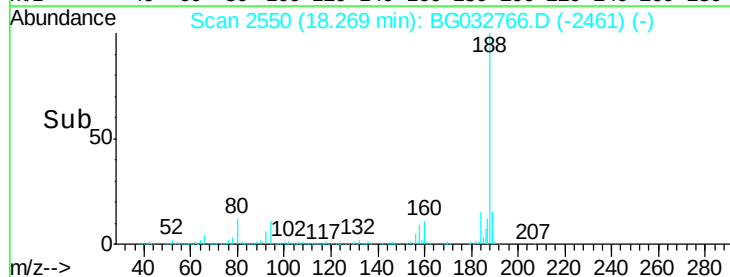
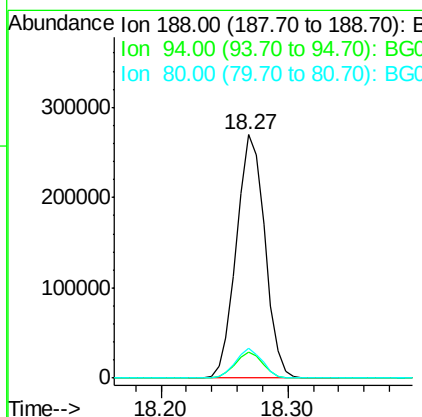
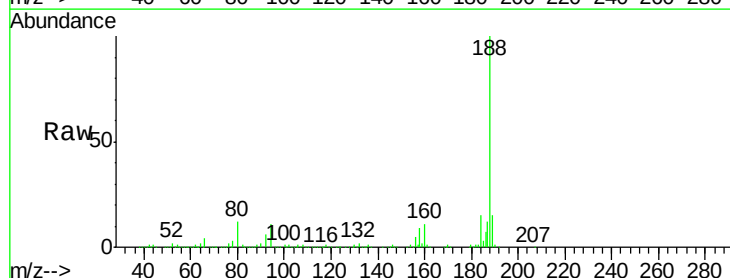
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-022018

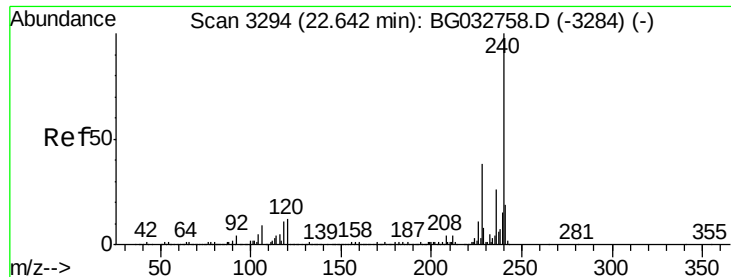
Tot Ion:172 Resp: 1136252
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. -0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

Tgt Ion:188 Resp: 418971
 Ion Ratio Lower Upper
 188 100
 94 10.8 6.9 10.3#
 80 12.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

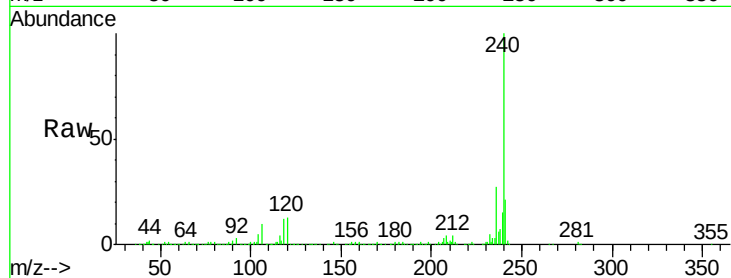
Tot Ion:240 Resp: 404975

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

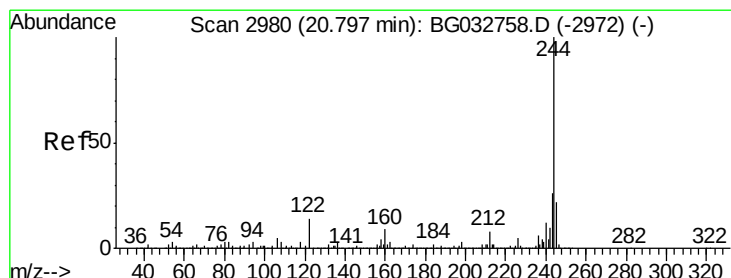
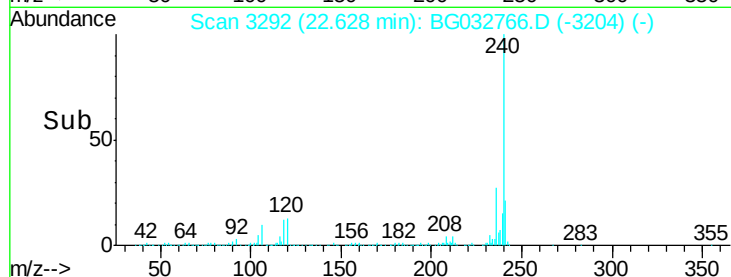
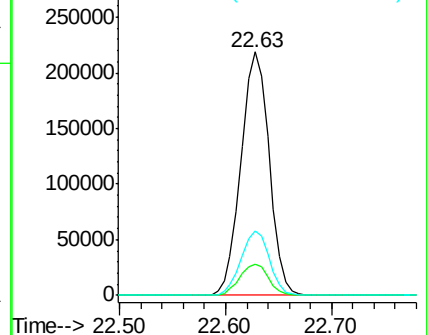
236 26.7 20.9 31.3



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: 88.803 ng

RT: 20.79 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

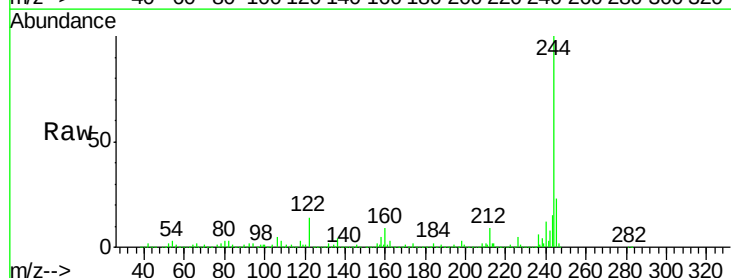
Tgt Ion:244 Resp: 1600675

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

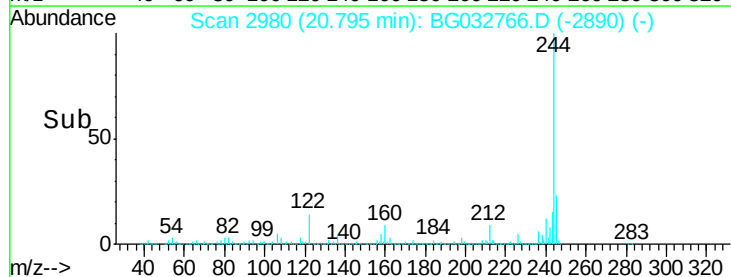
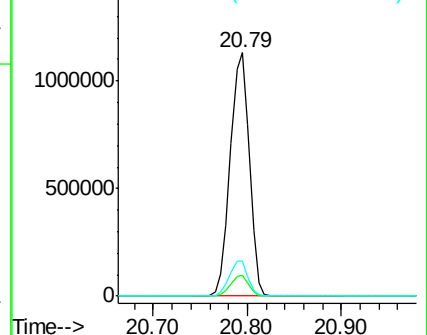
122 14.5 7.0 10.4#

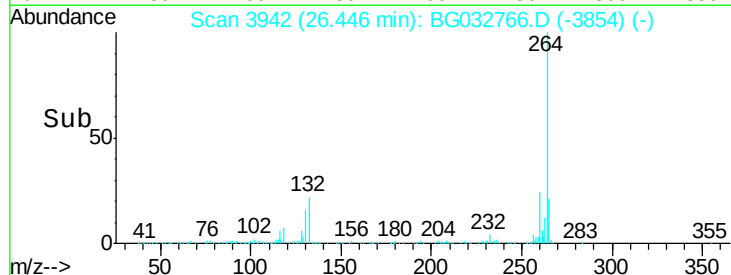
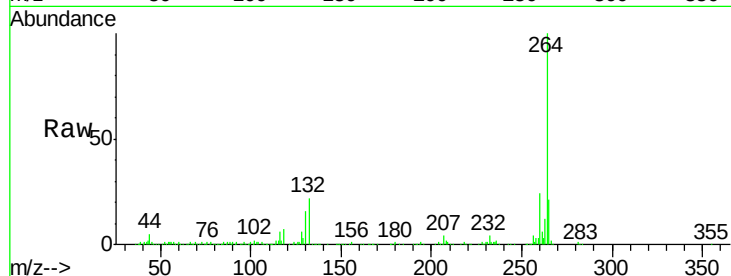
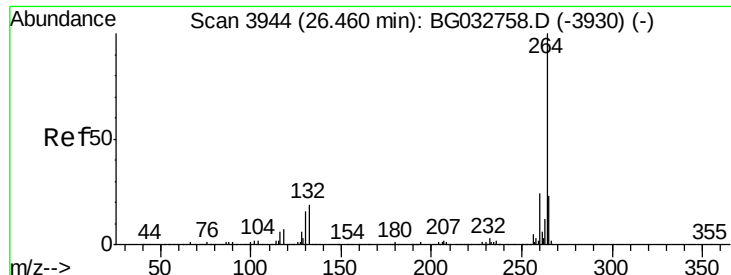


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.45 min Scan# 3942
 Delta R.T. -0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-022018

Tot Ion:	264	Resp:	431802
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.4	17.7	26.5

