

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035693.D
 Acq On : 17 Jul 2018 21:50
 Operator : JU/SJ
 Sample : J3997-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-F-D

Quant Time: Jul 18 04:12:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

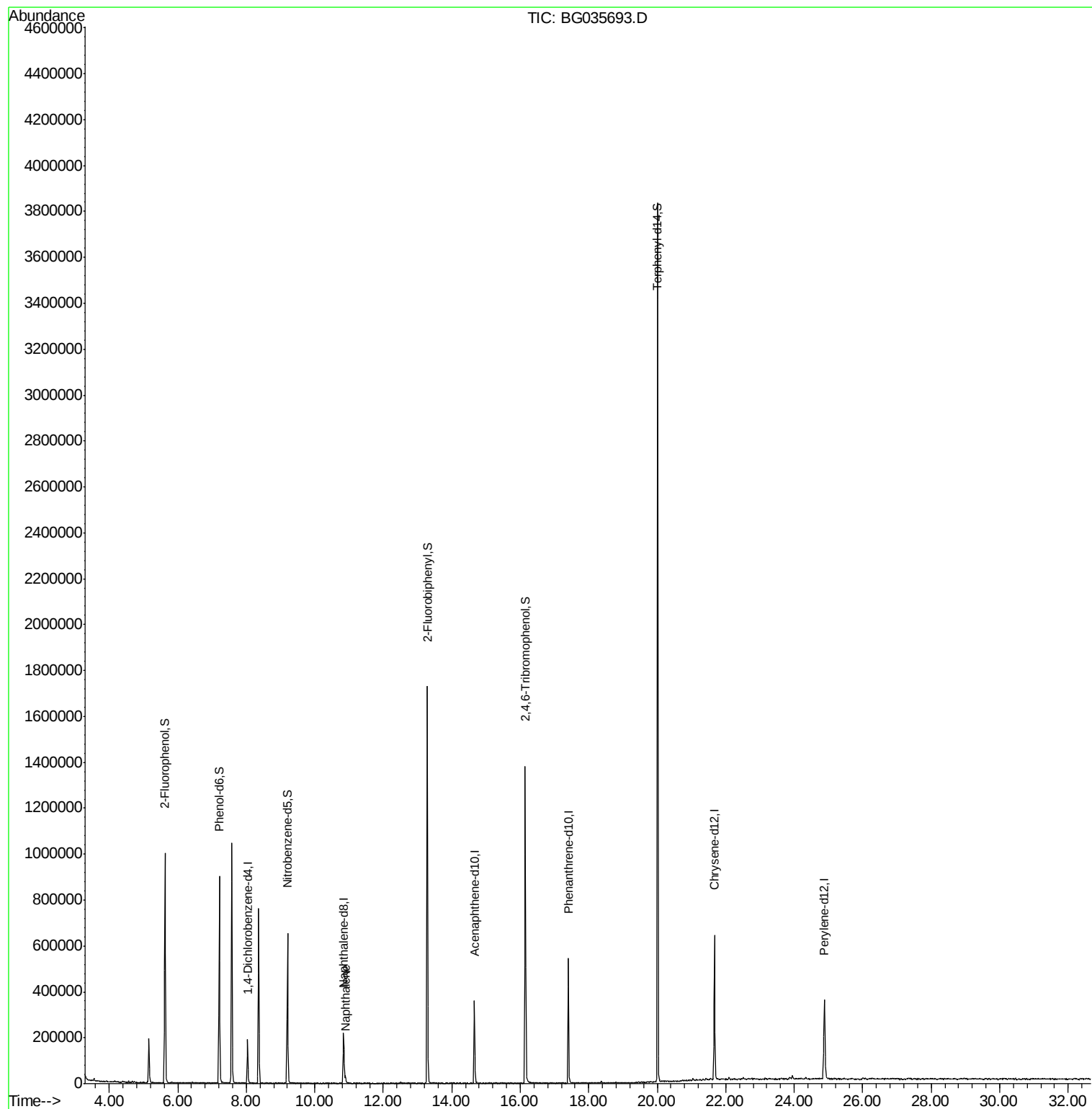
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54091	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	190517	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	126328	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	350135	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	406918	20.00	ng	-0.02
86) Perylene-d12	24.88	264	392169	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	428424	131.50	ng	0.00
7) Phenol-d6	7.21	99	546674	112.46	ng	0.00
23) Nitrobenzene-d5	9.20	82	439693	96.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	268979	161.54	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	923522	97.94	ng	-0.02
78) Terphenyl-d14	20.01	244	1819760	98.58	ng	-0.01
Target Compounds						
31) Naphthalene	10.89	128	23623	2.380	ng	Qvalue 97

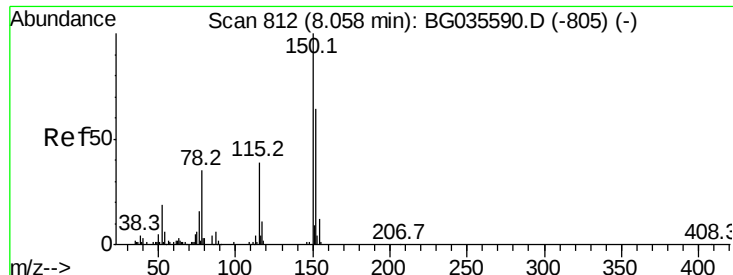
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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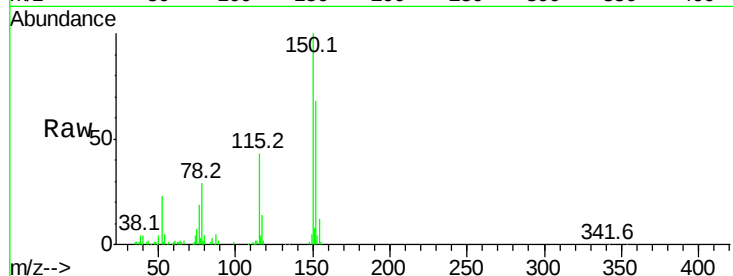


#1

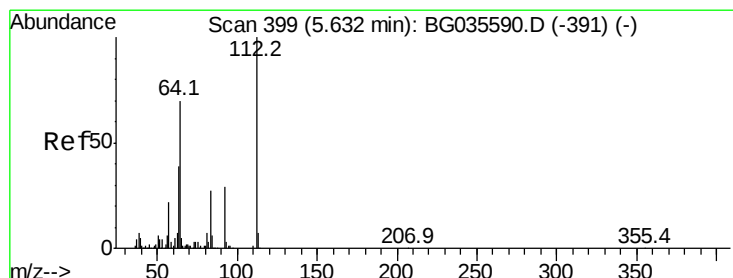
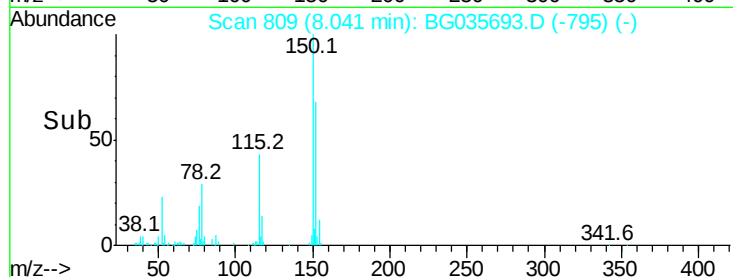
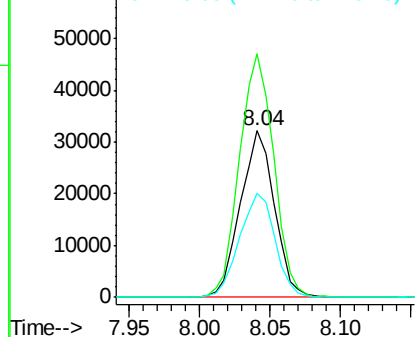
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tot Ion:152 Resp: 54091
Ion Ratio Lower Upper
152 100
150 146.3 126.6 189.8
115 62.6 53.0 79.4



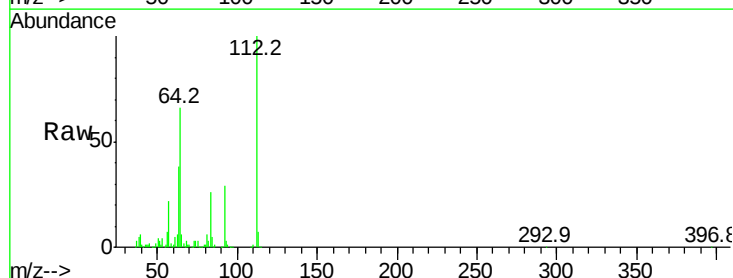
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



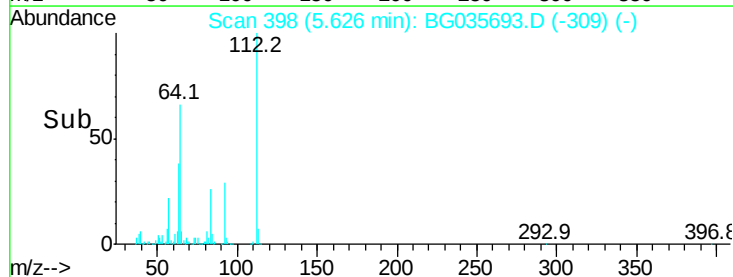
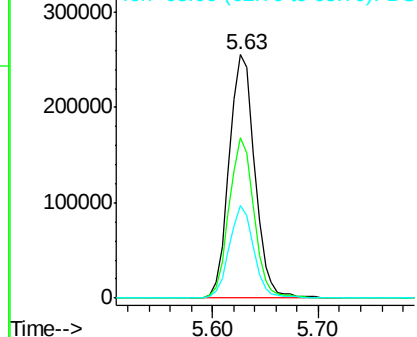
#5

2-Fluorophenol
Concen: 131.498 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:112 Resp: 428424
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 38.1 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: 112.462 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035693.D

Acq: 17 Jul 2018 21:50

Instrument :

BNA_G

ClientSampleId :

TP-F-D

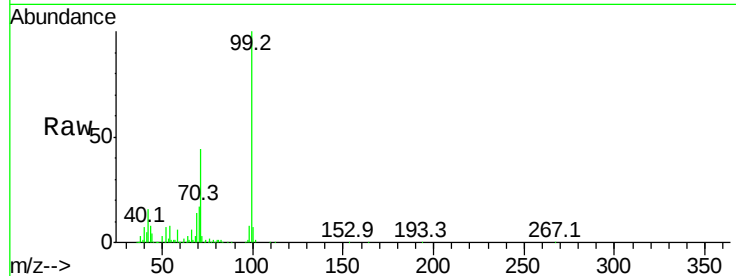
Tot Ion: 99 Resp: 546674

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

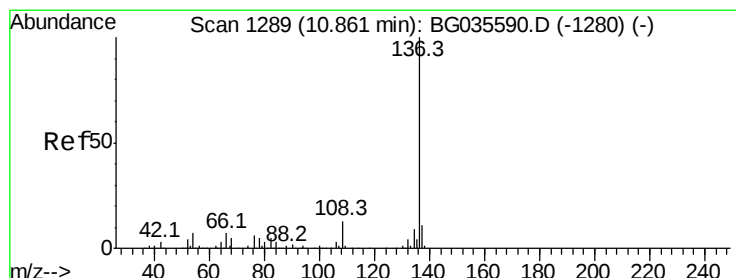
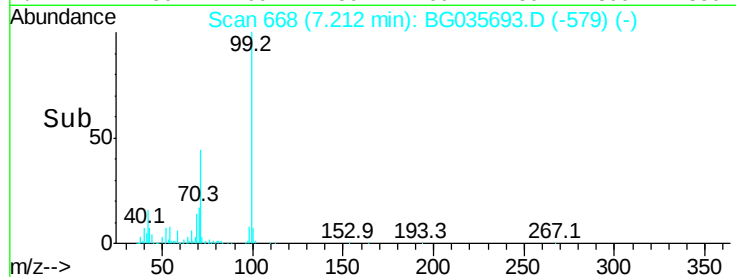
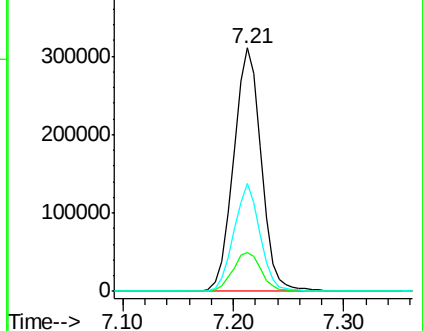
71 44.5 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035693.D

Acq: 17 Jul 2018 21:50

Tgt Ion: 136 Resp: 190517

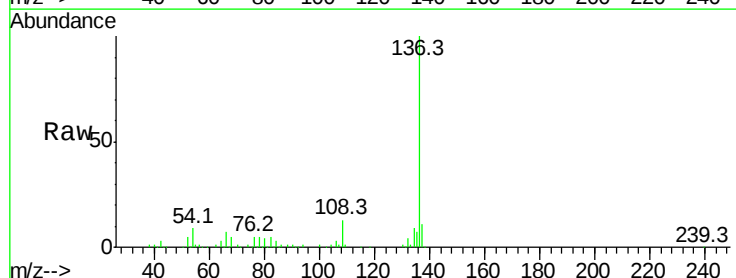
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 8.9 10.3 15.5#

68 4.7 4.5 6.7

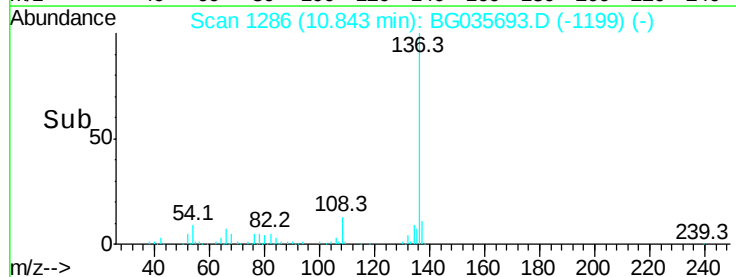
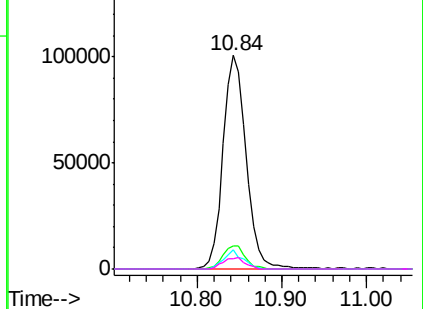


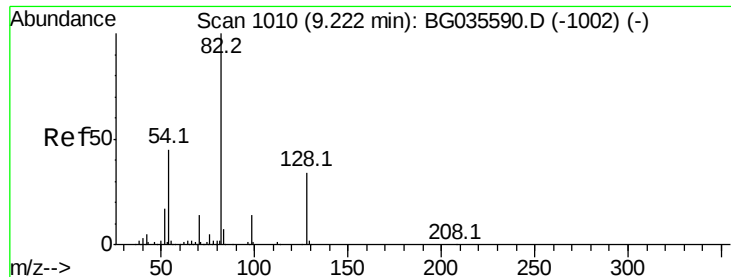
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

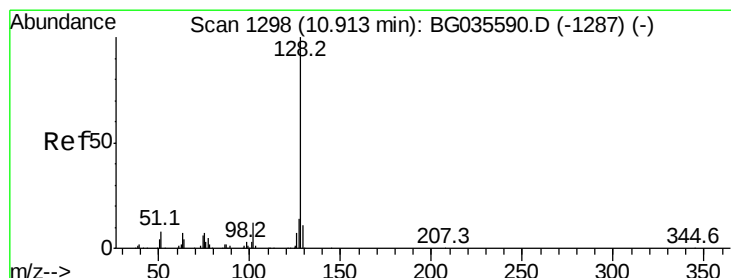
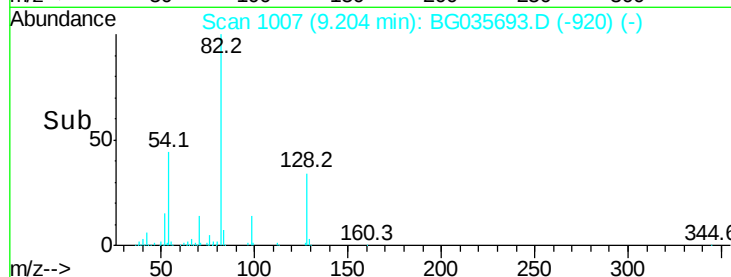
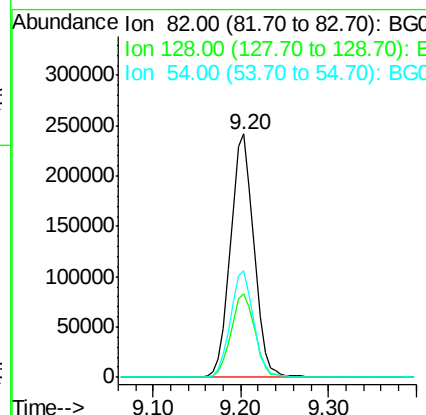
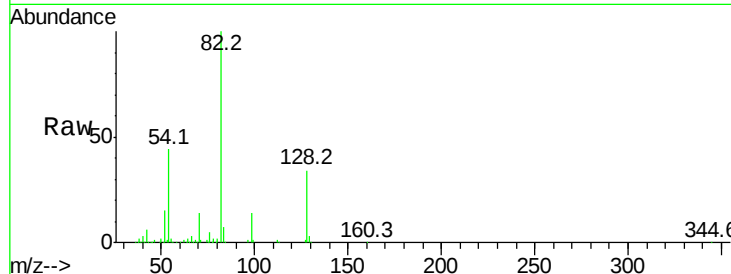




#23
Nitrobenzene-d5
Concen: 96.412 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

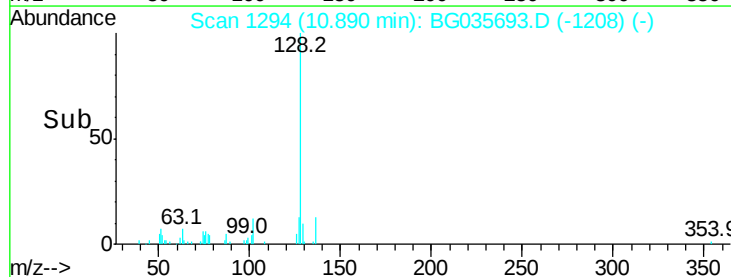
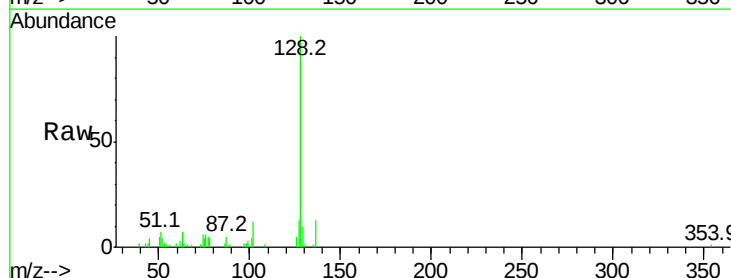
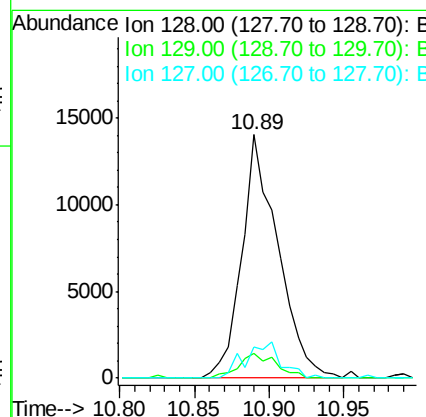
Instrument :
BNA_G
ClientSampleId :
TP-F-D

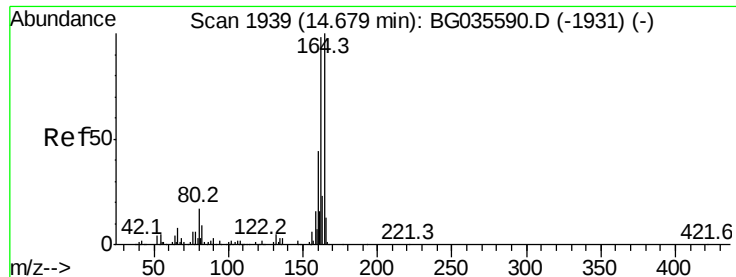
Tot Ion	82	Resp	439693
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.9	43.1	64.7



#31
Naphthalene
Concen: 2.380 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion	128	Resp	23623
Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	12.7	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035693.D

Acq: 17 Jul 2018 21:50

Instrument :

BNA_G

ClientSampleId :

TP-F-D

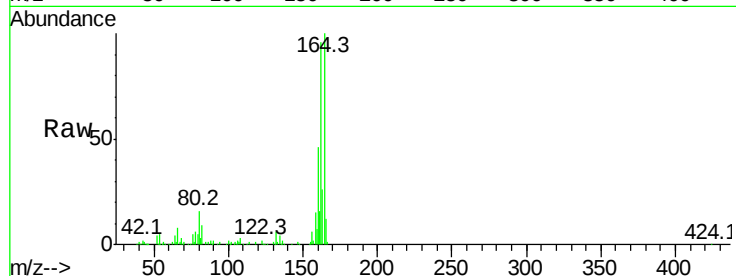
Tot Ion:164 Resp: 126328

Ion Ratio Lower Upper

164 100

162 95.9 78.8 118.2

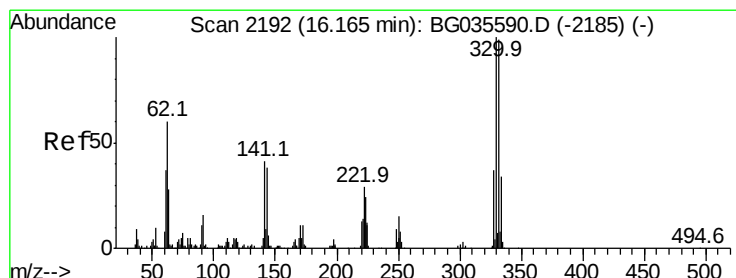
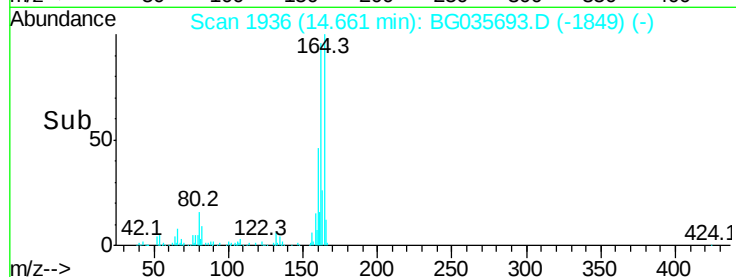
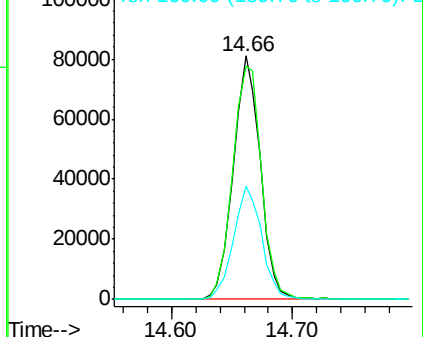
160 46.5 35.4 53.0



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: 161.541 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG035693.D

Acq: 17 Jul 2018 21:50

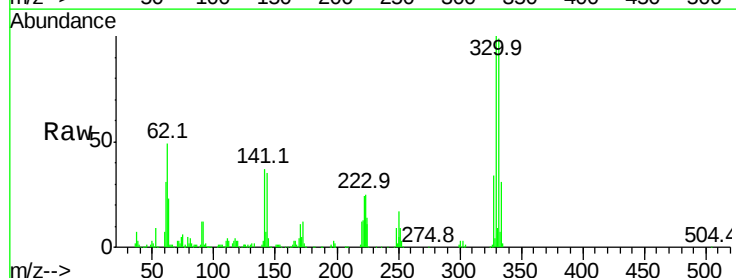
Tgt Ion:330 Resp: 268979

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

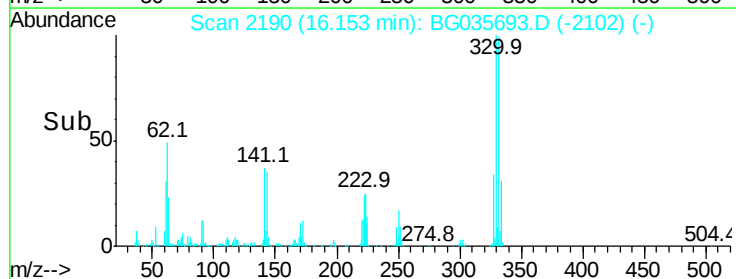
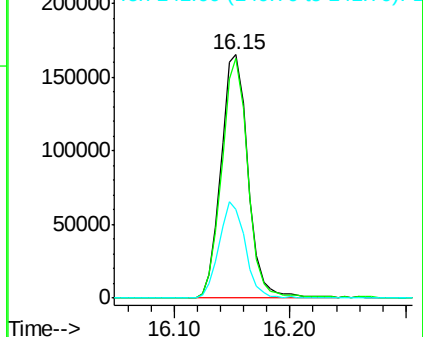
141 38.2 25.2 37.8#

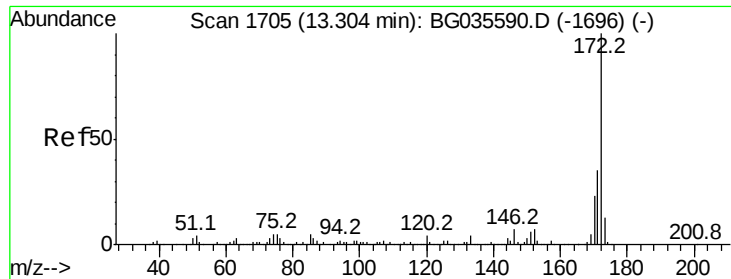


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

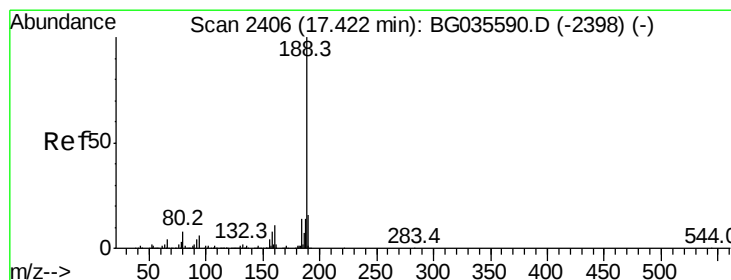
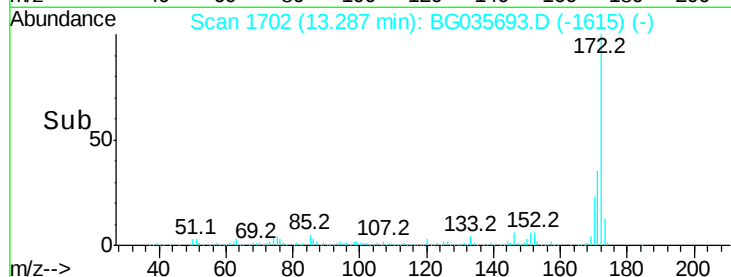
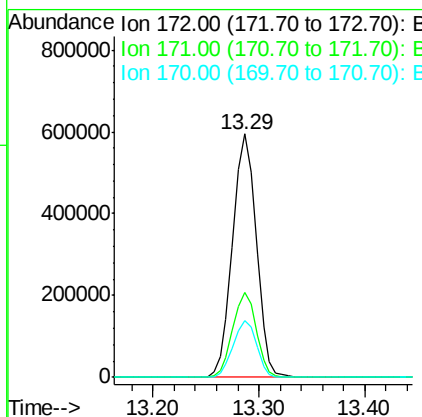
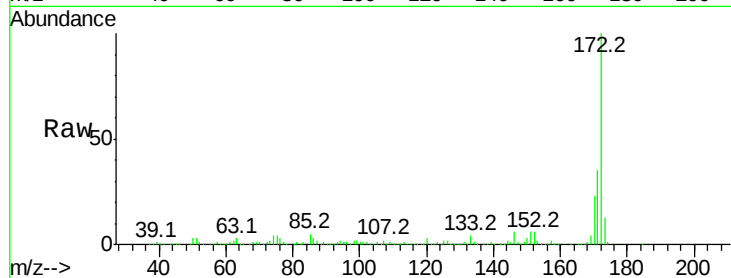




#44
2-Fluorobiphenyl
Concen: 97.942 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

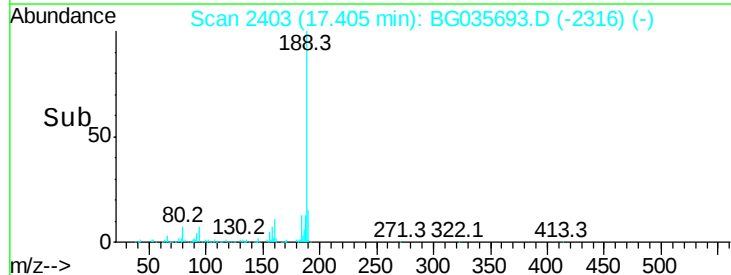
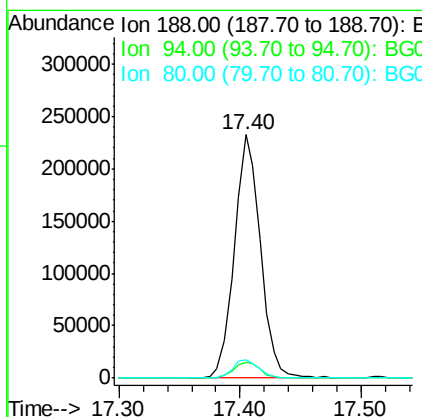
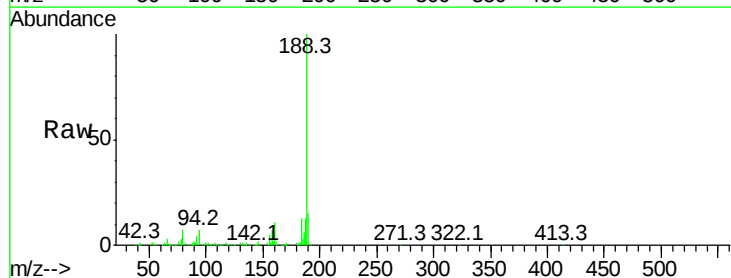
Instrument :
BNA_G
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TP-F-D

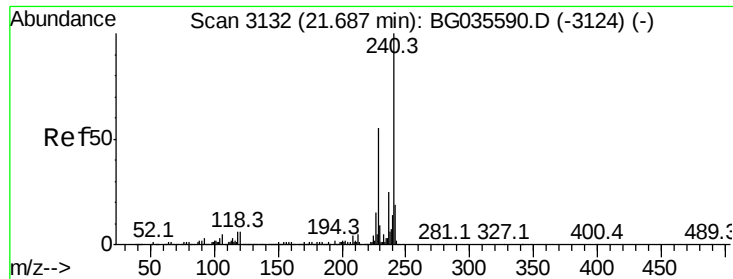
Tot Ion:172 Resp: 923522
Ion Ratio Lower Upper
172 100
171 34.9 30.0 45.0
170 23.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:188 Resp: 350135
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.3 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035693.D

Acq: 17 Jul 2018 21:50

Instrument :

BNA_G

ClientSampleId :

TP-F-D

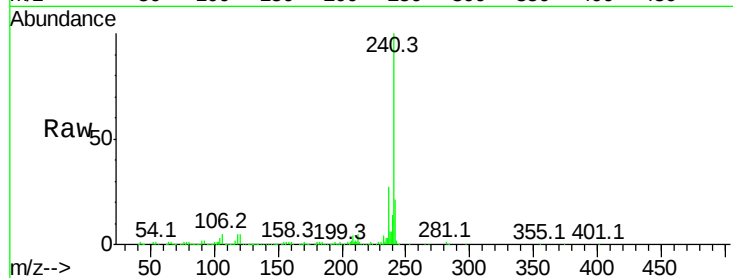
Tot Ion:240 Resp: 406918

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

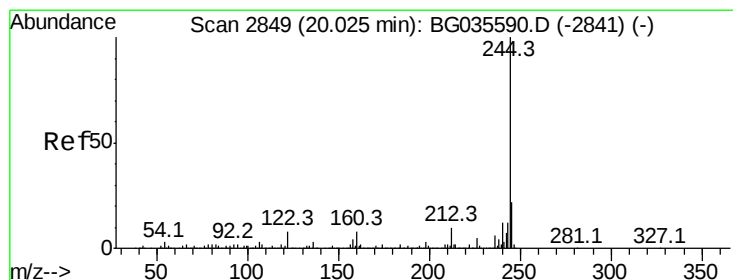
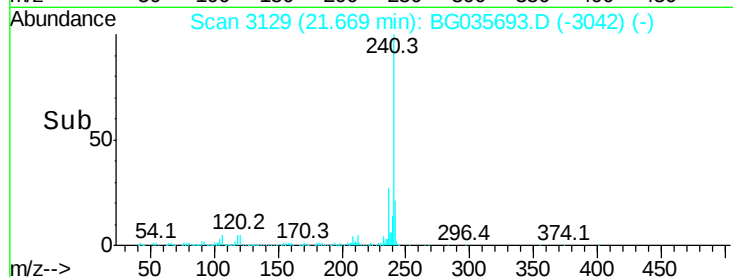
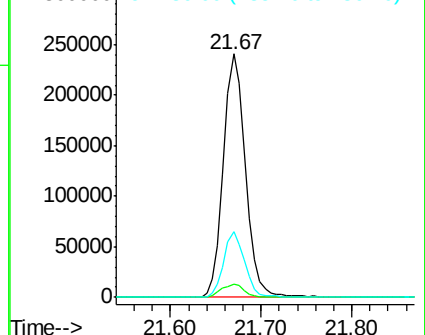
236 26.8 20.9 31.3



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: 98.578 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035693.D

Acq: 17 Jul 2018 21:50

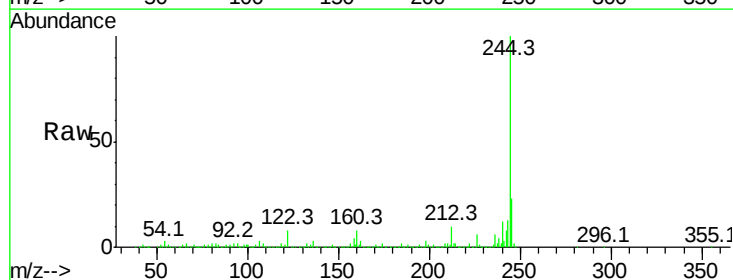
Tgt Ion:244 Resp: 1819760

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

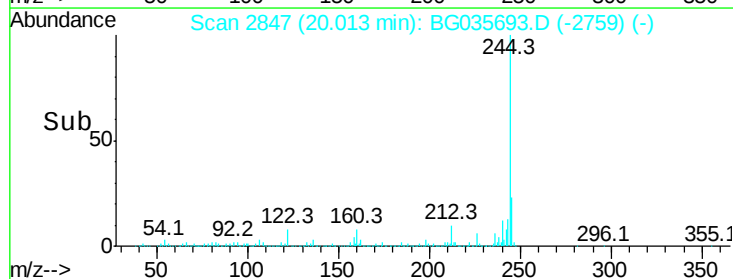
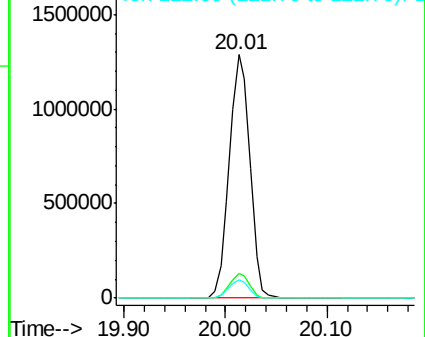
122 7.7 7.0 10.4

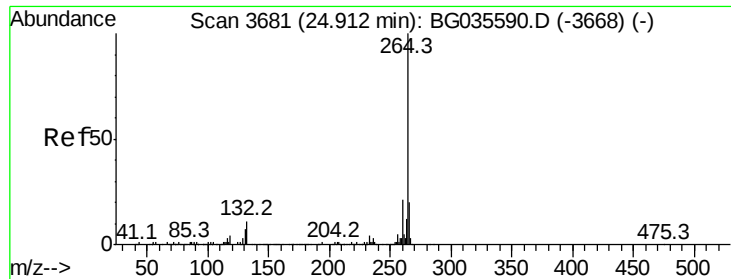


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: BG035693.D
 Acq: 17 Jul 2018 21:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-F-D

Tot Ion:	264	Resp:	392169
Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	21.1	17.7	26.5

