

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031992.D
 Acq On : 11 Jan 2018 20:09
 Operator : SJ/JU
 Sample : J1088-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-COMP

Quant Time: Jan 12 05:18:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

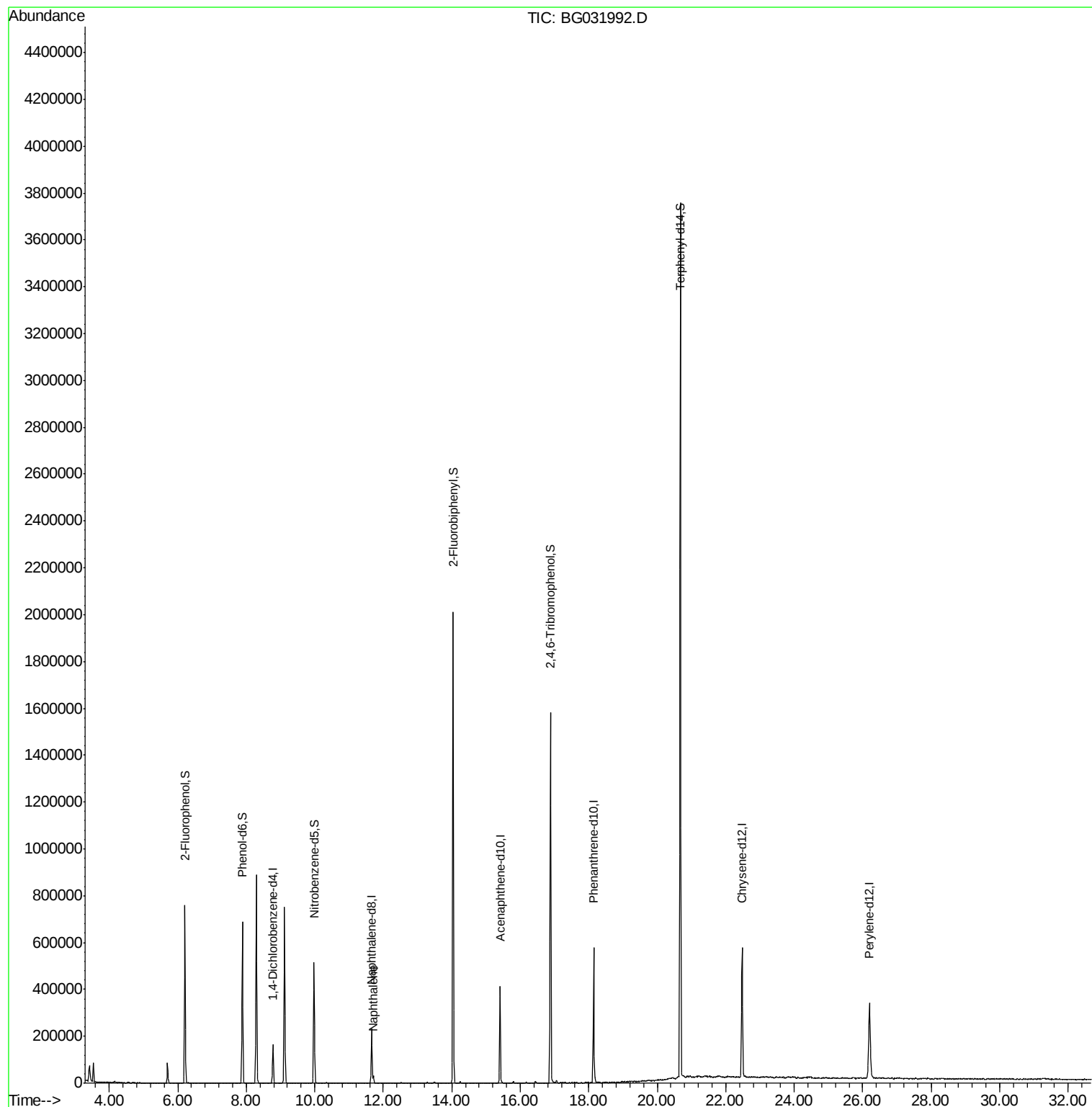
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	57947	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	232824	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	163335	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	403253	20.00	ng	0.00
75) Chrysene-d12	22.48	240	445869	20.00	ng	0.00
86) Perylene-d12	26.20	264	456976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	411358	129.30	ng	0.00
7) Phenol-d6	7.89	99	479490	116.08	ng	0.00
23) Nitrobenzene-d5	9.98	82	336223	109.05	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	390700	156.76	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1219686	93.73	ng	0.00
78) Terphenyl-d14	20.67	244	1984723	101.70	ng	0.00
Target Compounds						
31) Naphthalene	11.71	128	29265	2.491	ng	Qvalue 97

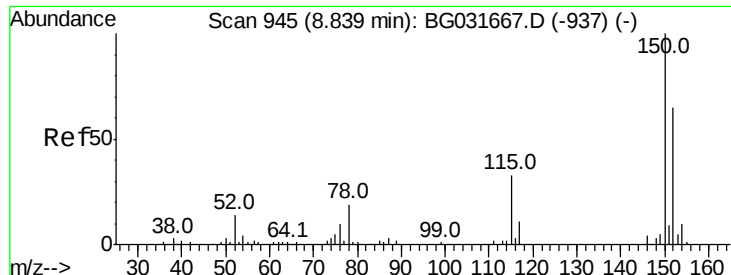
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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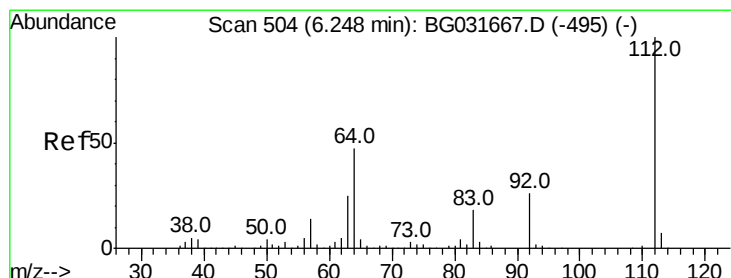
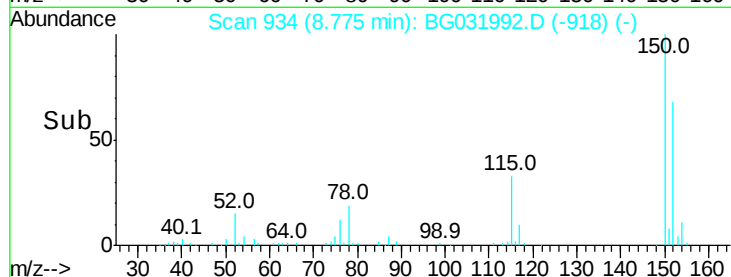
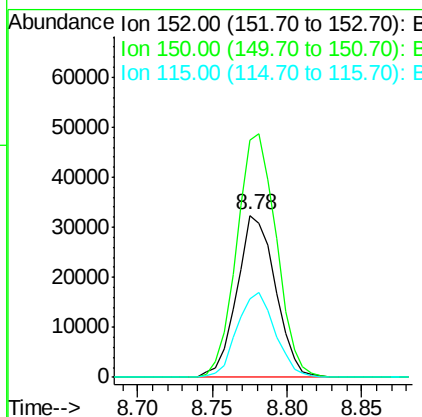
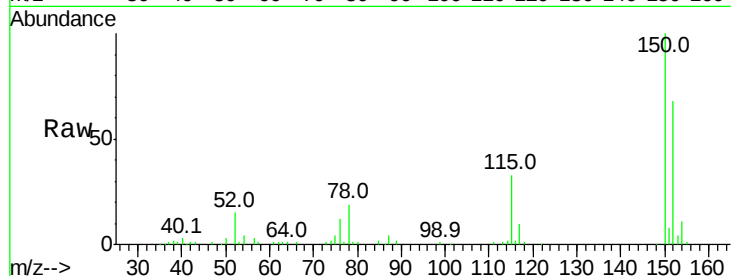


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TP-COMP

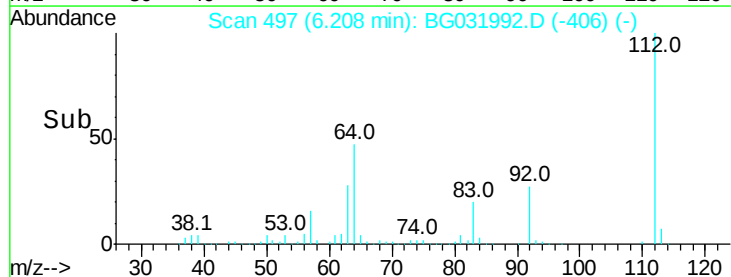
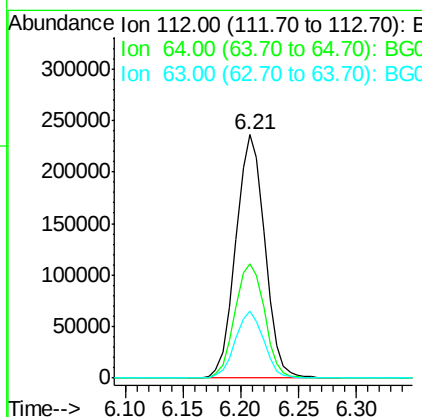
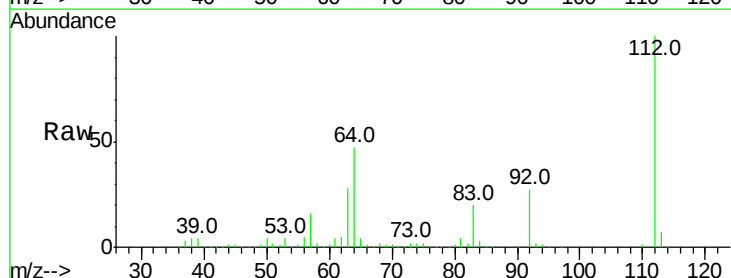
Tot Ion:152 Resp: 57947
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 48.7 53.0 79.4#

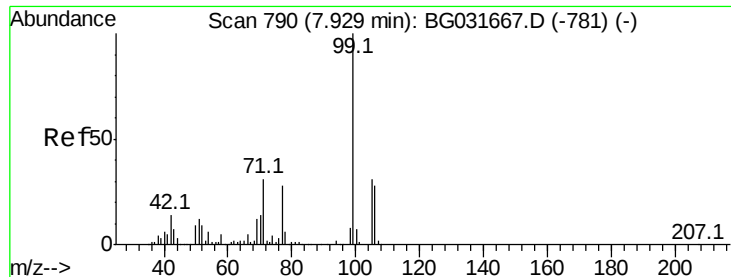


#5

2-Fluorophenol
Concen: 129.298 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Tgt Ion:112 Resp: 411358
Ion Ratio Lower Upper
112 100
64 47.1 56.3 84.5#
63 27.5 30.1 45.1#





#7

Phenol-d6

Concen: 116.082 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

TP-COMP

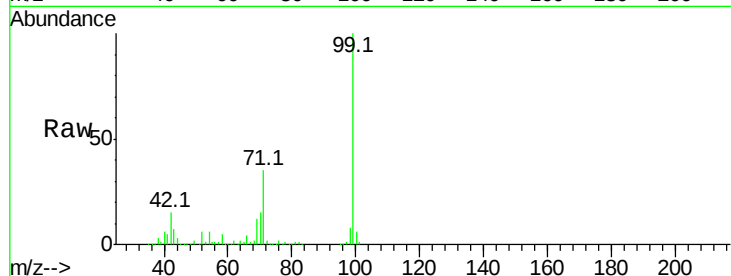
Tot Ion: 99 Resp: 479490

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

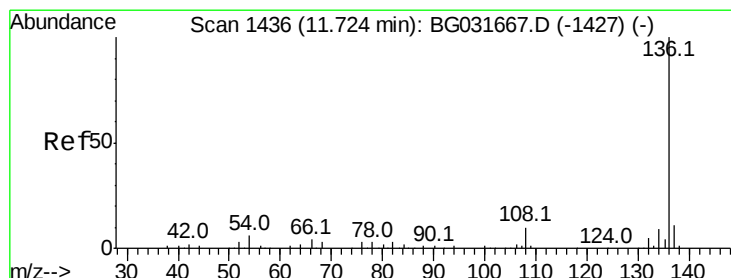
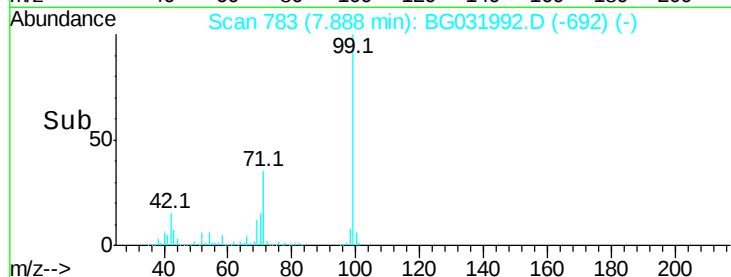
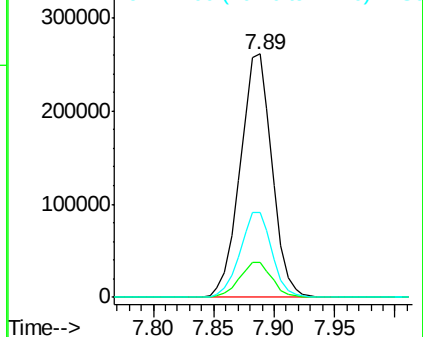
71 34.7 26.1 39.1



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: 11.66 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

Tgt Ion: 136 Resp: 232824

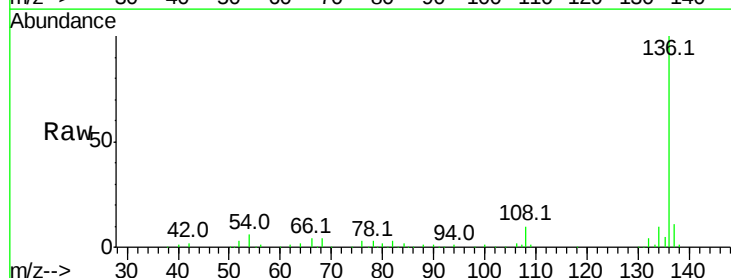
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 5.9 10.3 15.5#

68 4.0 4.5 6.7#

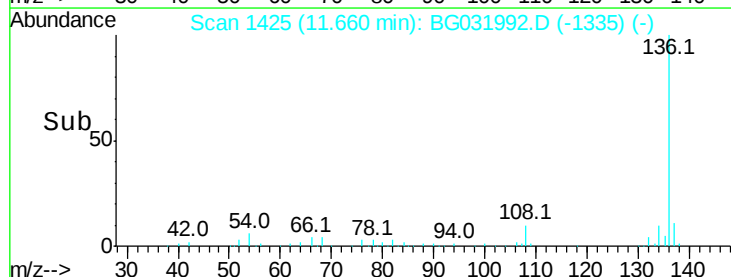
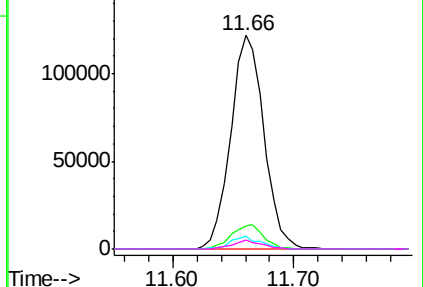


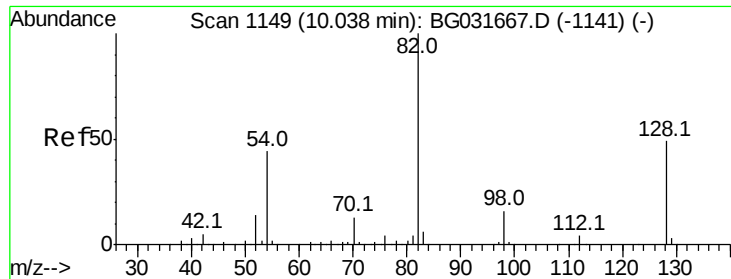
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

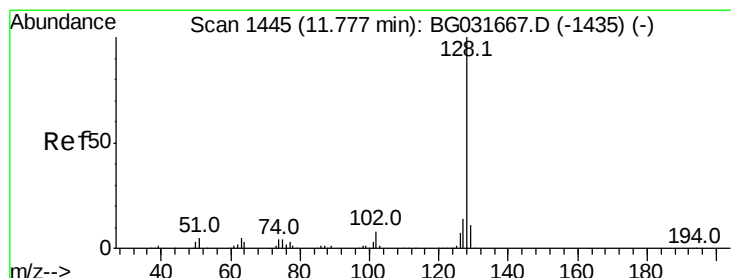
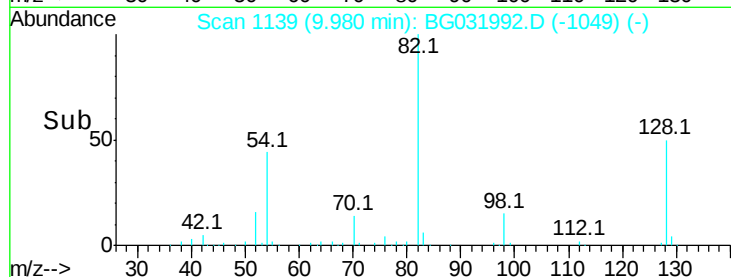
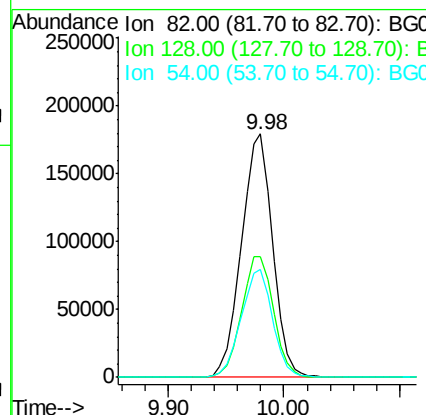
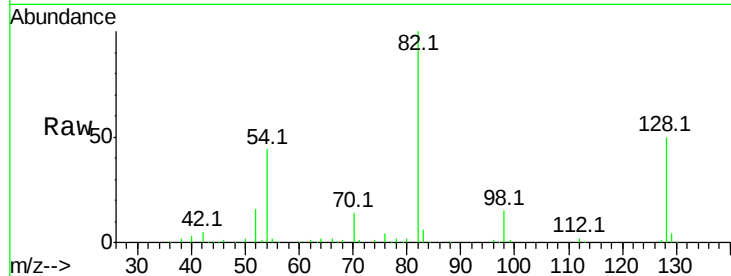




#23
 Nitrobenzene-d5
 Concen: 109.048 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

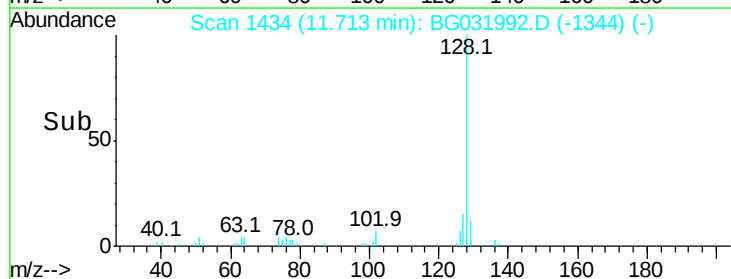
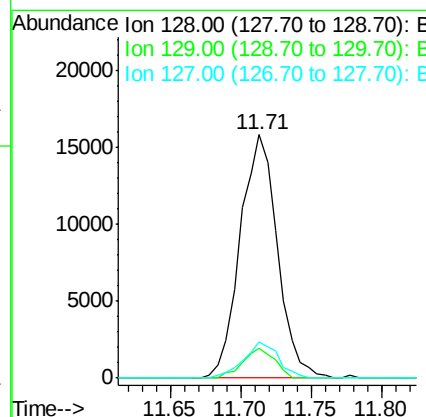
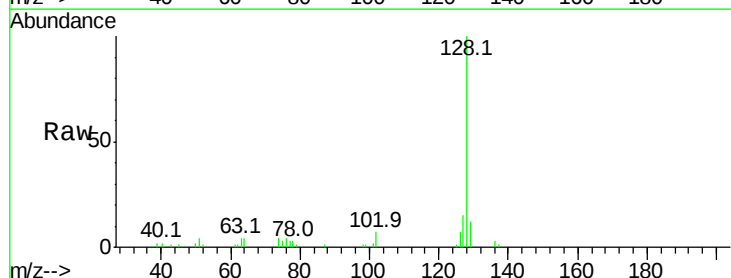
Instrument :
 BNA_G
 ClientSampleId :
 TP-COMP

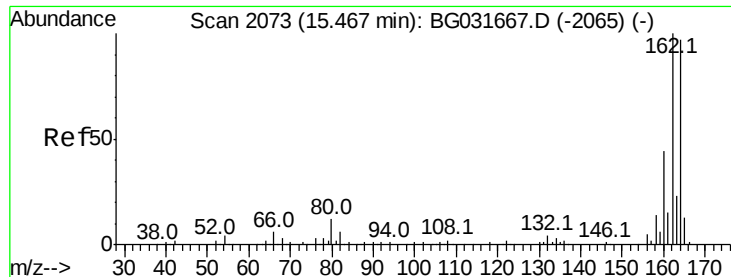
Tot Ion: 82 Resp: 336223
 Ion Ratio Lower Upper
 82 100
 128 49.6 29.7 44.5#
 54 44.2 43.1 64.7



#31
 Naphthalene
 Concen: 2.491 ng
 RT: 11.71 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

Tgt Ion:128 Resp: 29265
 Ion Ratio Lower Upper
 128 100
 129 12.3 8.6 12.8
 127 15.1 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

TP-COMP

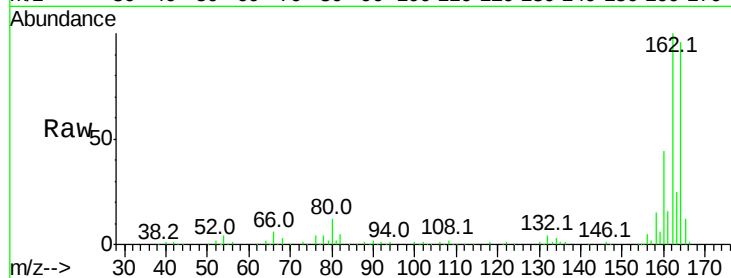
Tot Ion:164 Resp: 163335

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

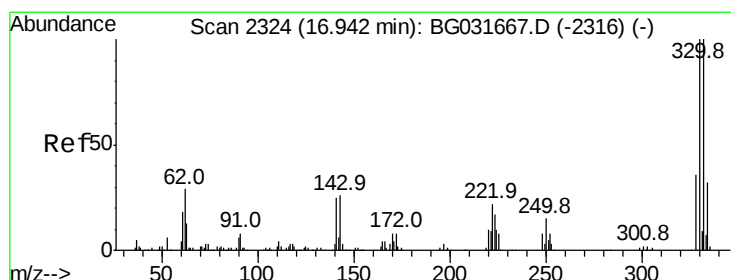
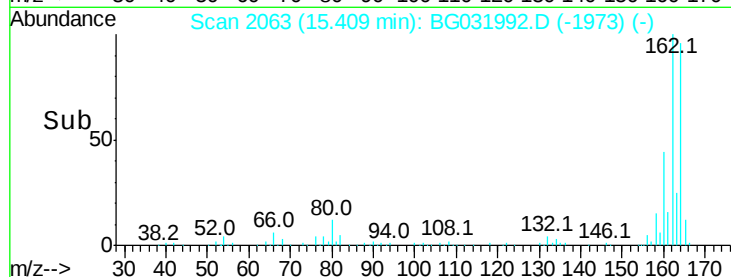
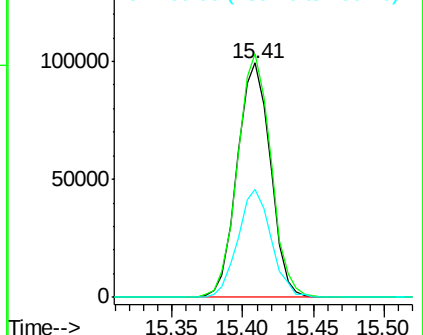
160 45.8 35.4 53.0



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: 156.765 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

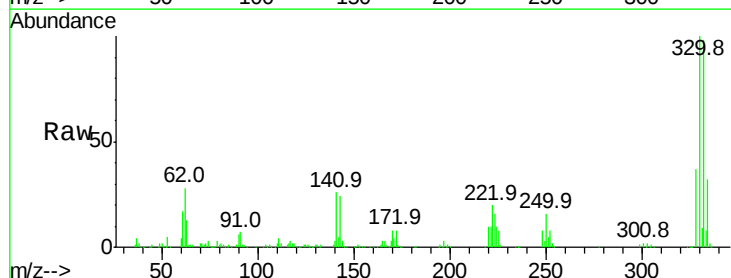
Tgt Ion:330 Resp: 390700

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

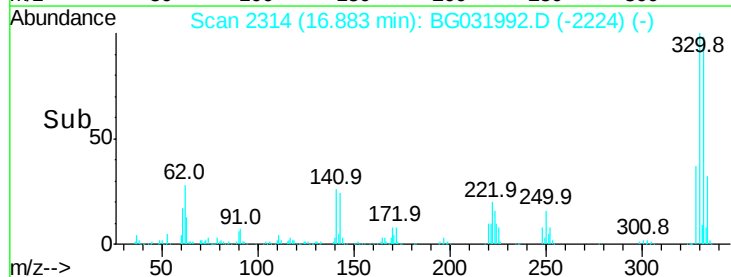
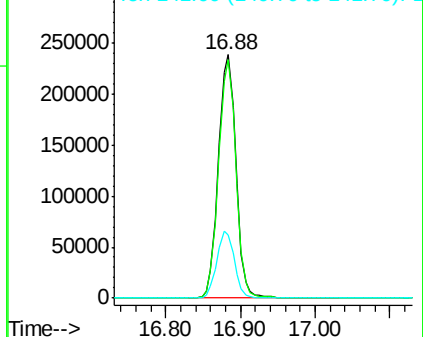
141 27.3 25.2 37.8



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



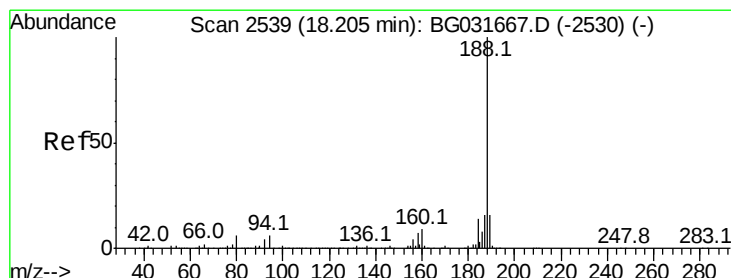
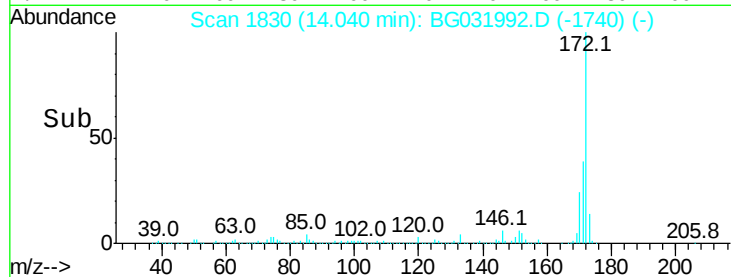
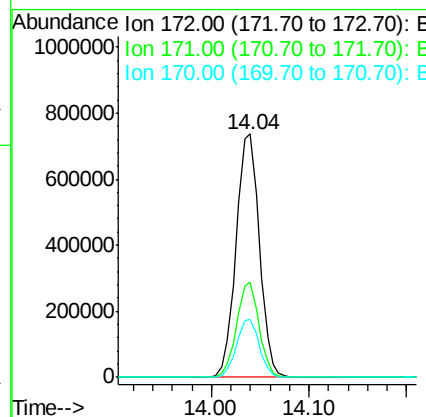
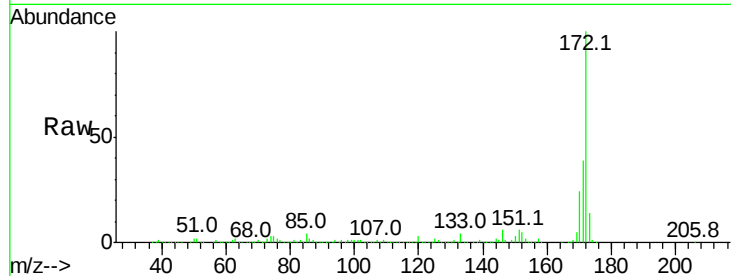


#44
 2-Fluorobiphenyl
 Concen: 93.726 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-COMP

Tot Ion:172 Resp: 1219686

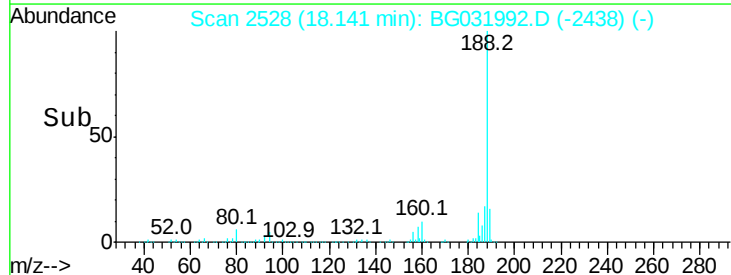
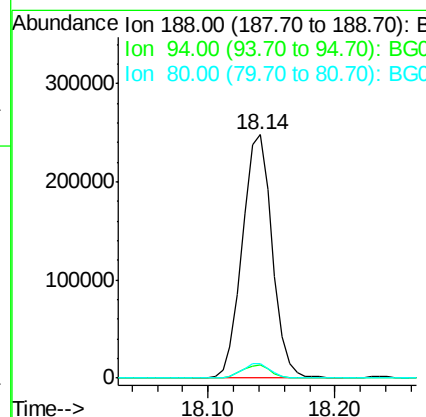
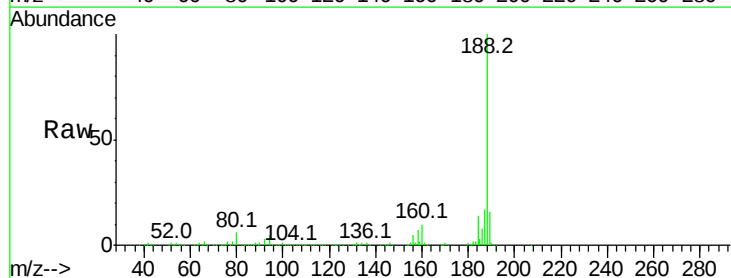
Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	23.8	19.5	29.3

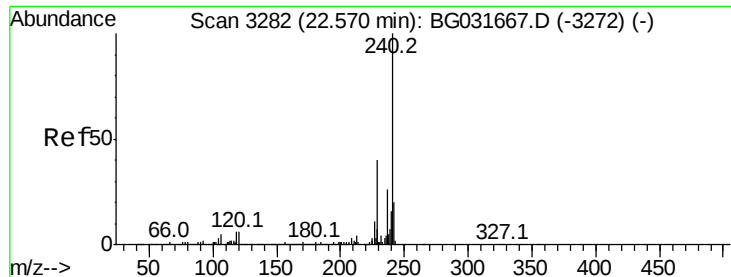


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

Tgt Ion:188 Resp: 403253

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.9	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

TP-COMP

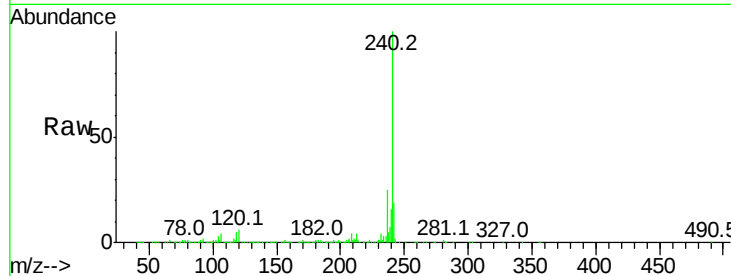
Tot Ion:240 Resp: 445869

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

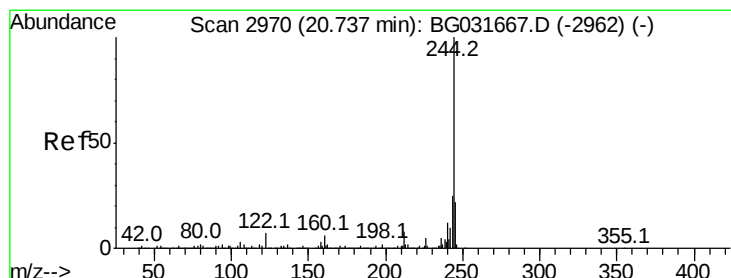
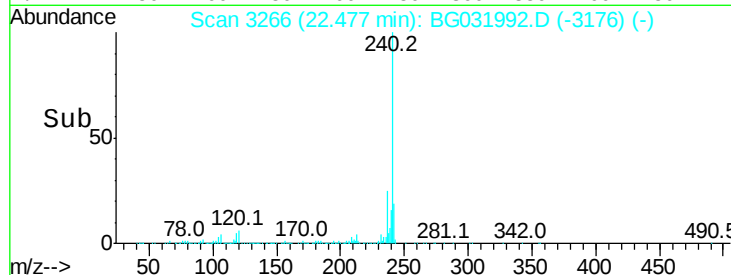
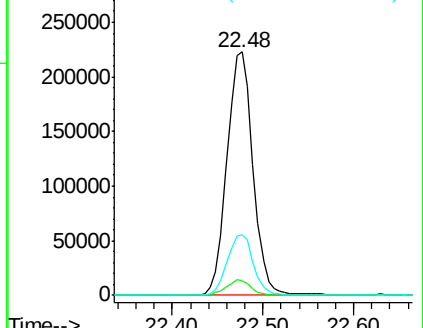
236 24.7 20.9 31.3



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: 101.698 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

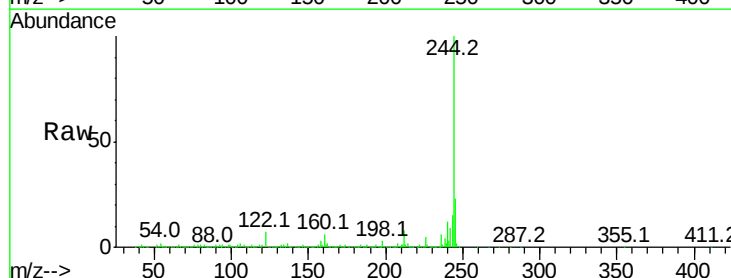
Tgt Ion:244 Resp: 1984723

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

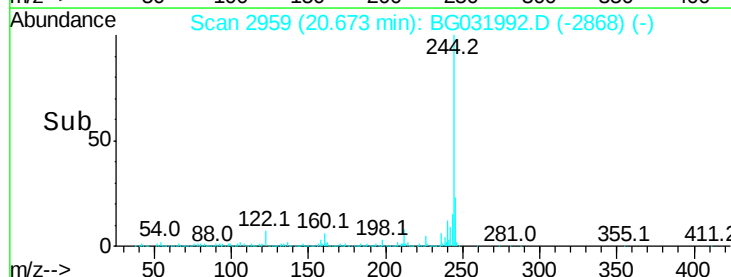
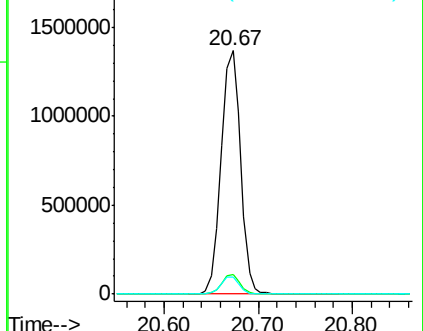
122 7.0 7.0 10.4

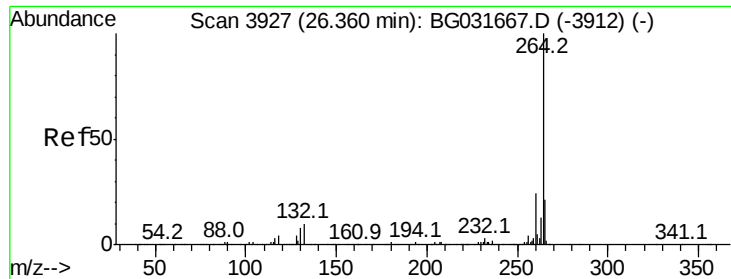


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3899
Delta R.T. -0.01 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.2	17.7	26.5

