

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031741.D
 Acq On : 23 Dec 2017 10:09
 Operator : SJ/JU
 Sample : I7040-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3

Quant Time: Dec 26 00:06:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

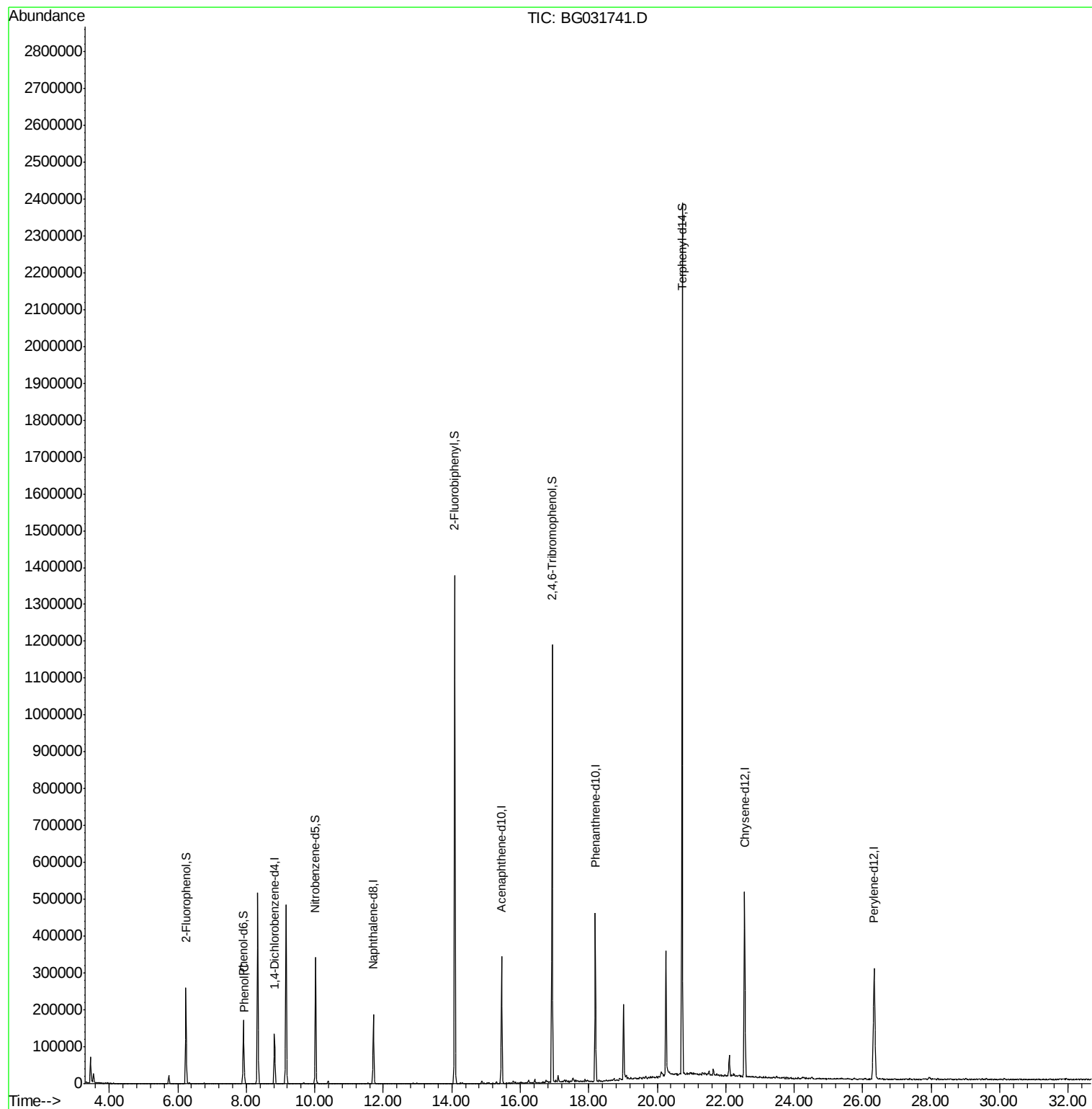
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	46459	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	193961	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	133904	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	324946	20.00	ng	-0.02
75) Chrysene-d12	22.55	240	379659	20.00	ng	-0.02
86) Perylene-d12	26.33	264	410319	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	147598	57.86	ng	0.00
7) Phenol-d6	7.92	99	119809	36.18	ng	-0.01
23) Nitrobenzene-d5	10.02	82	225979	87.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	284132	139.06	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	850071	79.68	ng	-0.01
78) Terphenyl-d14	20.73	244	1276351	76.81	ng	-0.01
Target Compounds						
10) Phenol	7.94	94	15023	4.493	ng	Qvalue 94

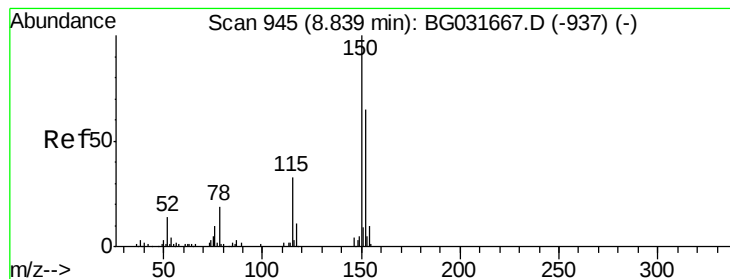
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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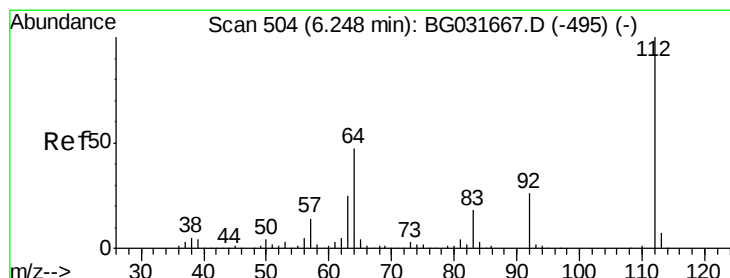
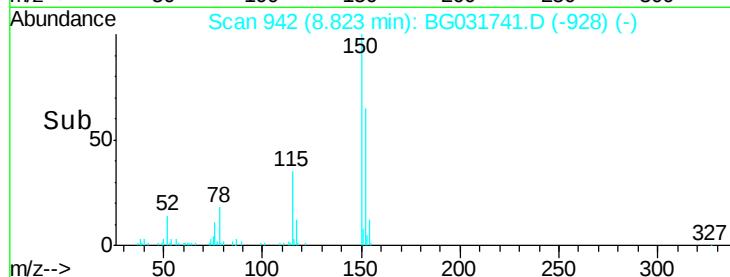
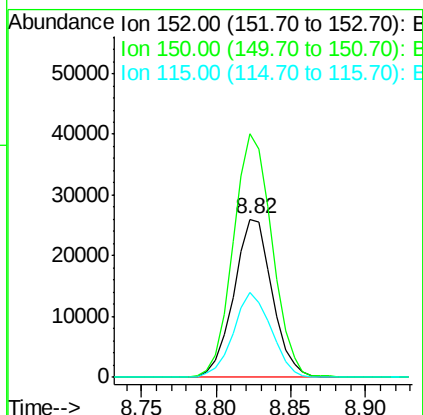
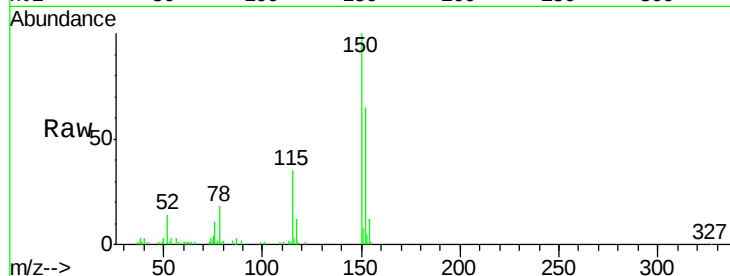


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031741.D
Acq: 23 Dec 2017 10:09

Instrument :
BNA_G
ClientSampleId :
PZ-3

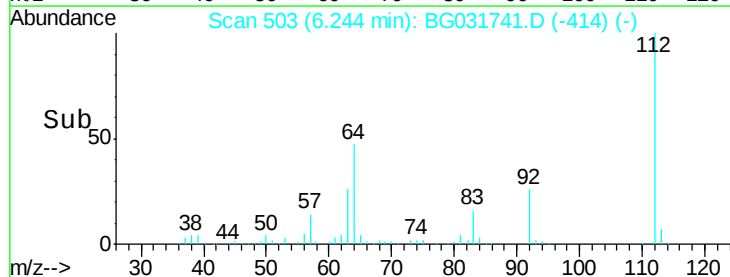
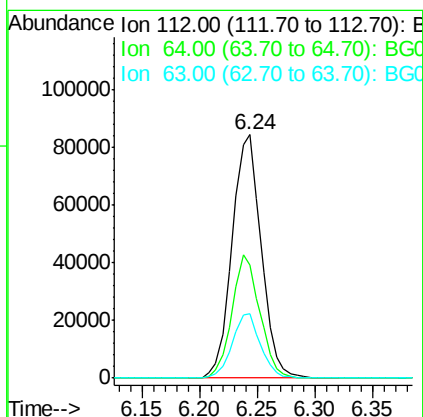
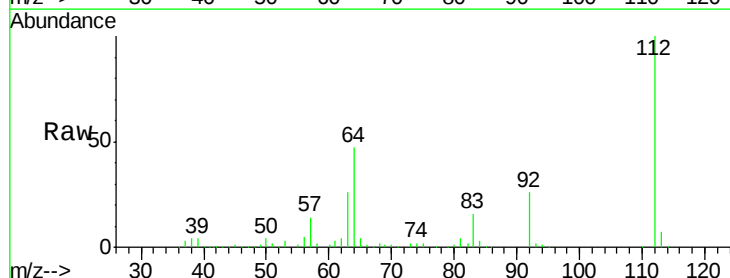
Tgt Ion:152 Resp: 46459
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 54.1 53.0 79.4

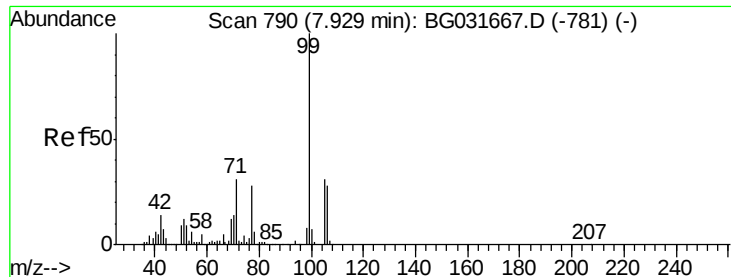


#5

2-Fluorophenol
Concen: 57.865 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031741.D
Acq: 23 Dec 2017 10:09

Tgt Ion:112 Resp: 147598
Ion Ratio Lower Upper
112 100
64 46.7 56.3 84.5#
63 26.3 30.1 45.1#





#7

Phenol-d6

Concen: 36.177 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031741.D

Acq: 23 Dec 2017 10:09

Instrument :

BNA_G

ClientSampleId :

PZ-3

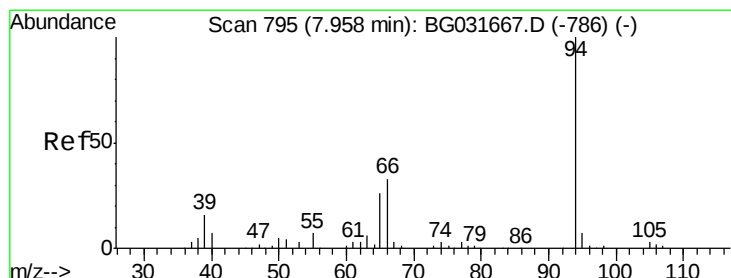
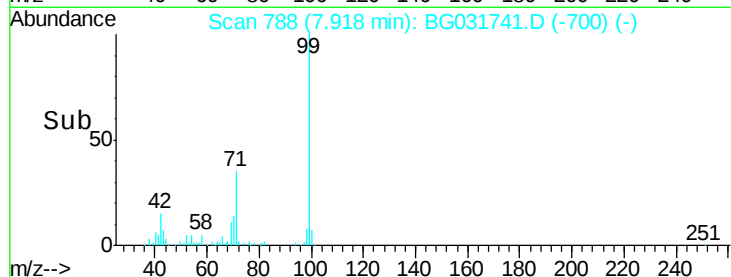
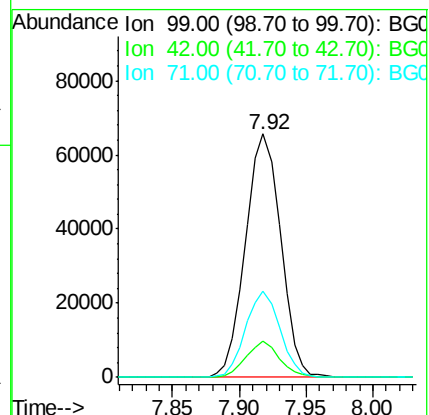
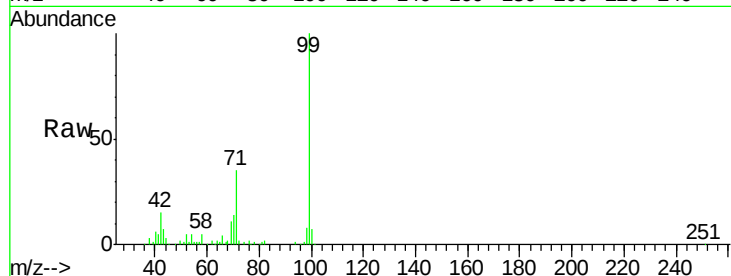
Tgt Ion: 99 Resp: 119809

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 35.2 26.1 39.1



#10

Phenol

Concen: 4.493 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.02 min

Lab File: BG031741.D

Acq: 23 Dec 2017 10:09

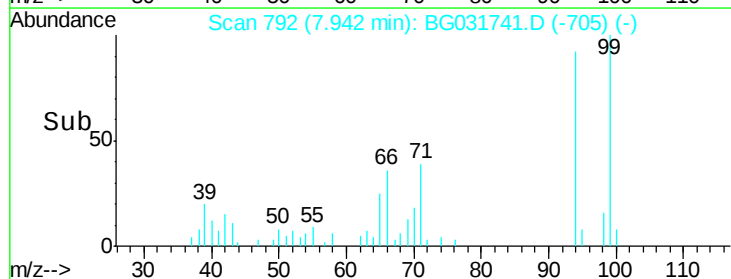
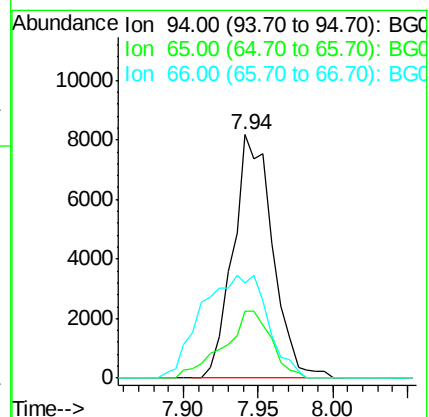
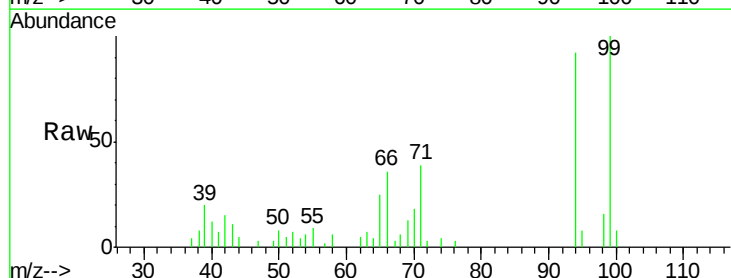
Tgt Ion: 94 Resp: 15023

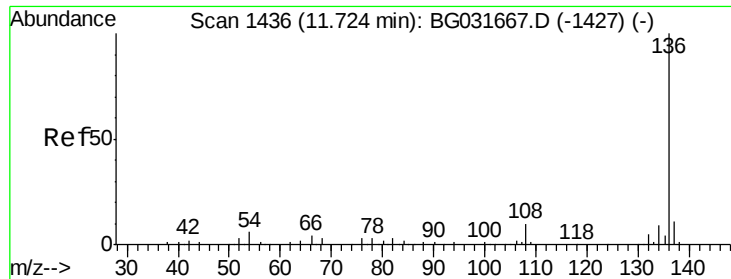
Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

66 38.9 22.2 62.2

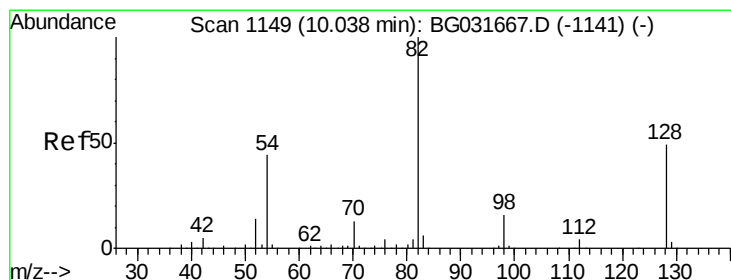
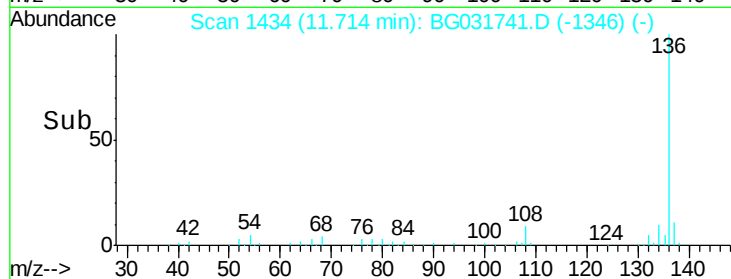
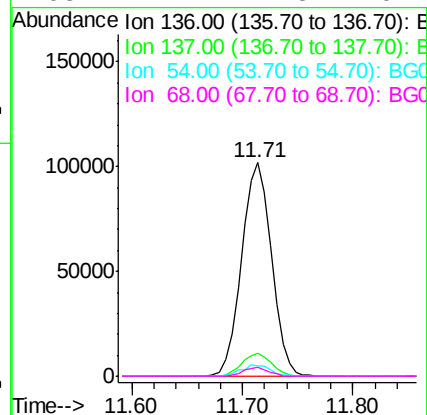
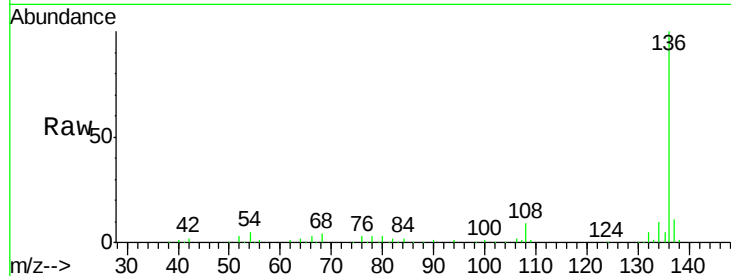




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031741.D
Acq: 23 Dec 2017 10:09

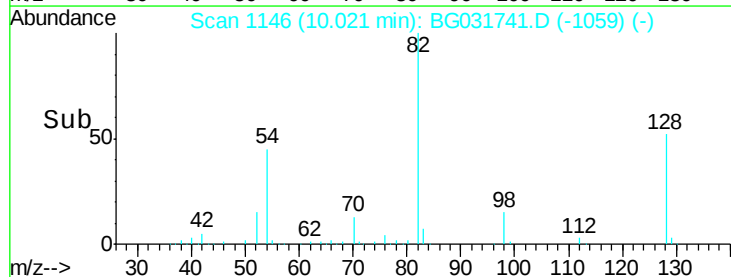
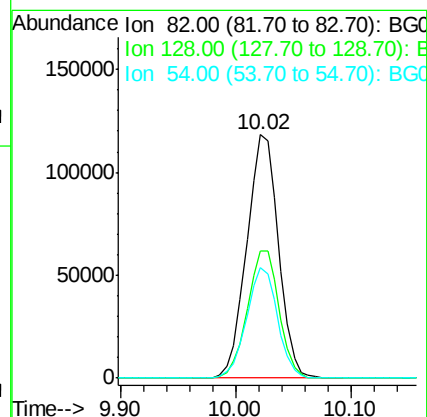
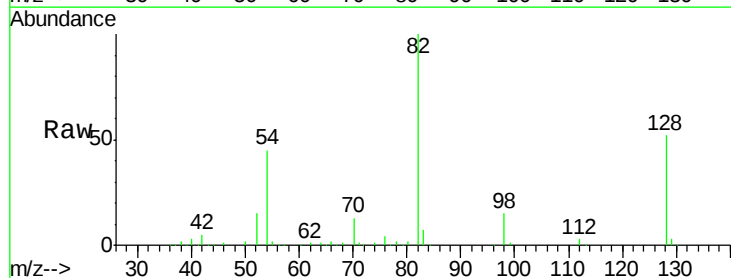
Instrument :
BNA_G
ClientSampleId :
PZ-3

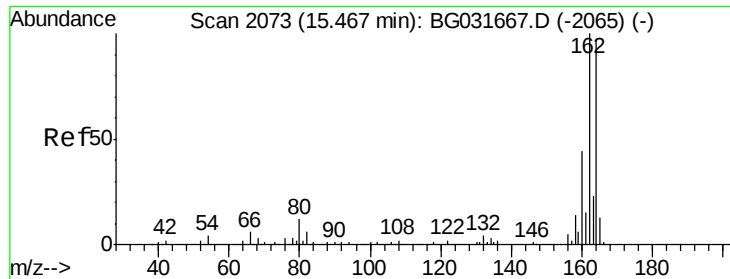
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	4.6	10.3	15.5#
68	4.1	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 87.977 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031741.D
Acq: 23 Dec 2017 10:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.4	29.7	44.5#
54	45.5	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031741.D

Acq: 23 Dec 2017 10:09

Instrument :

BNA_G

ClientSampled :

PZ-3

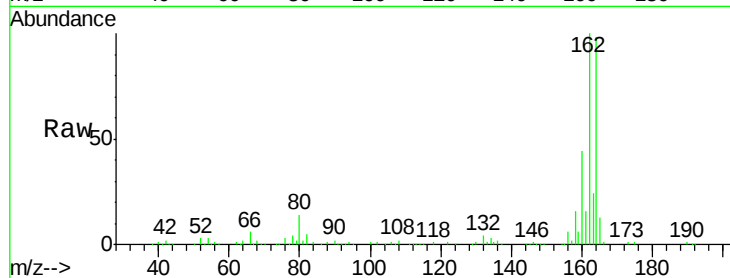
Tgt Ion:164 Resp: 133904

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

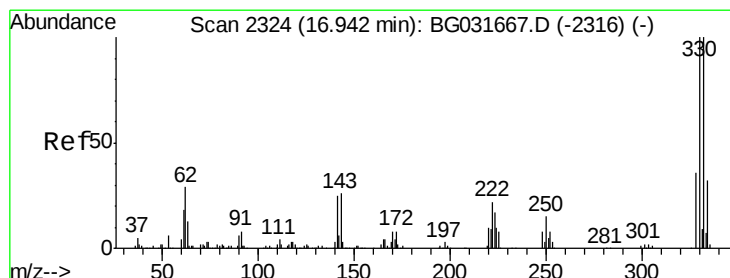
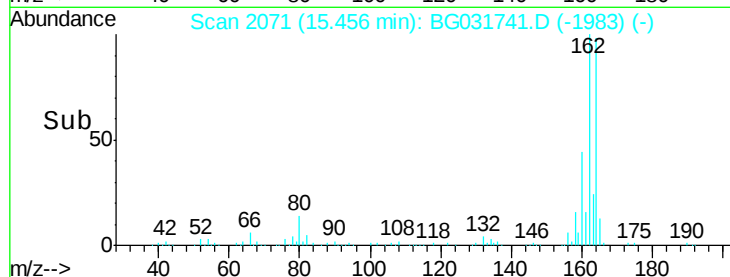
160 45.1 35.4 53.0



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: 139.063 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031741.D

Acq: 23 Dec 2017 10:09

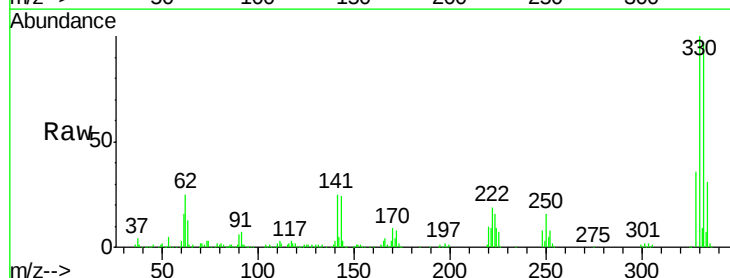
Tgt Ion:330 Resp: 284132

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

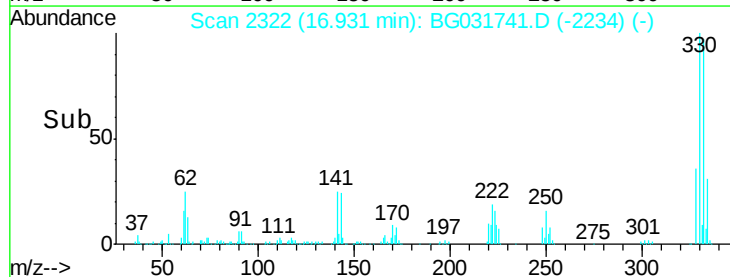
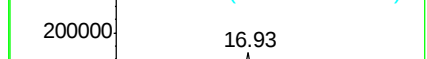
141 25.8 25.2 37.8

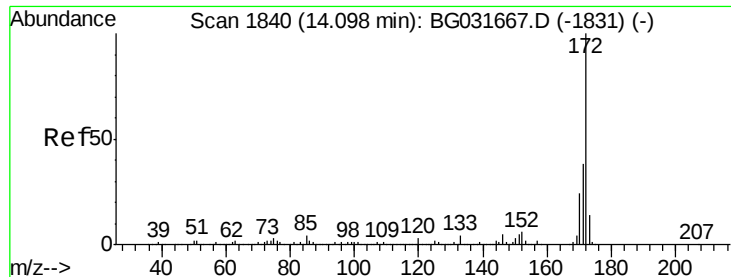


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

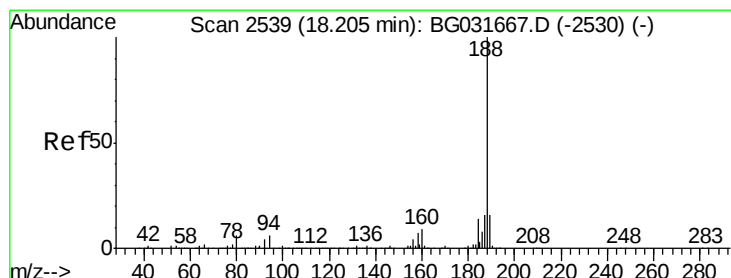
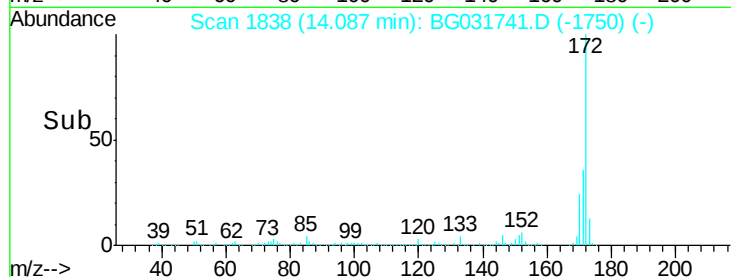
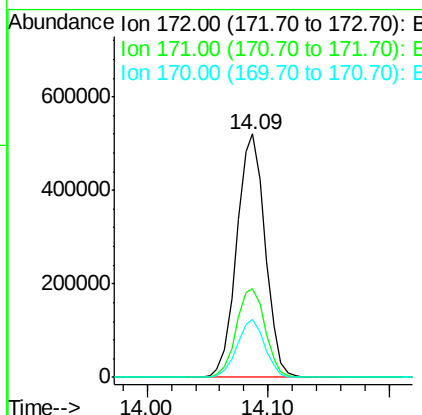
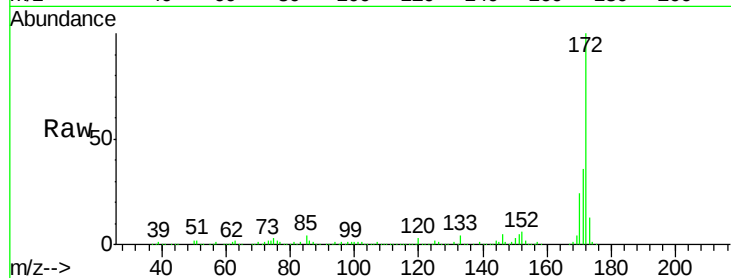




#44
2-Fluorobiphenyl
Concen: 79.680 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031741.D
Acq: 23 Dec 2017 10:09

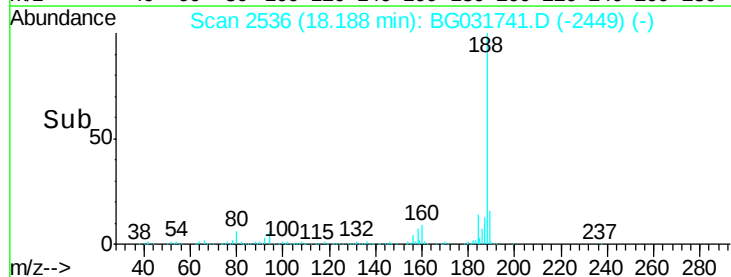
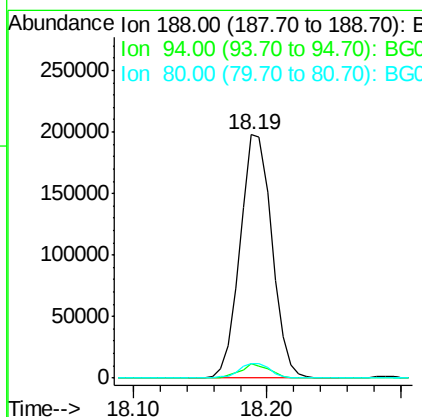
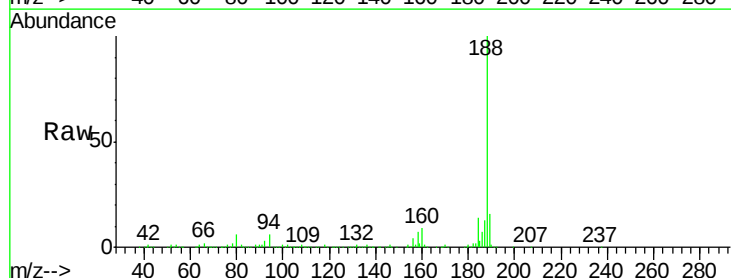
Instrument :
BNA_G
ClientSampleId :
PZ-3

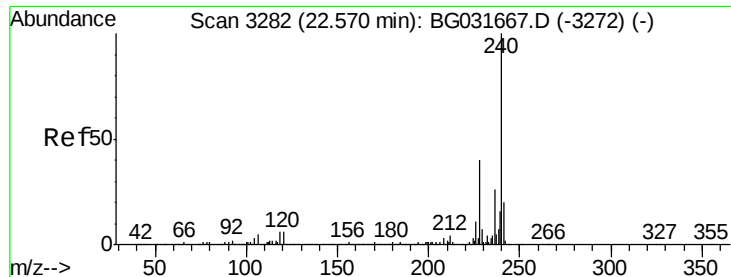
Tgt Ion:172 Resp: 850071
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 23.7 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BG031741.D
Acq: 23 Dec 2017 10:09

Tgt Ion:188 Resp: 324946
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031741.D

Acq: 23 Dec 2017 10:09

Instrument :

BNA_G

ClientSampleId :

PZ-3

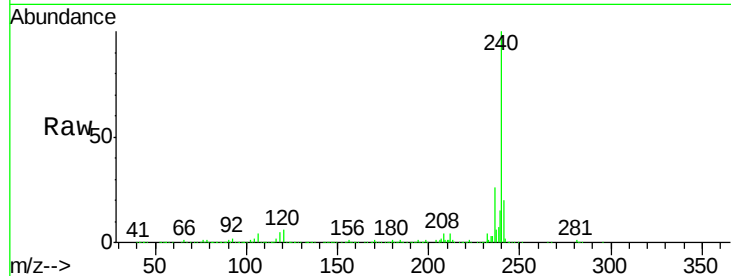
Tgt Ion:240 Resp: 379659

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

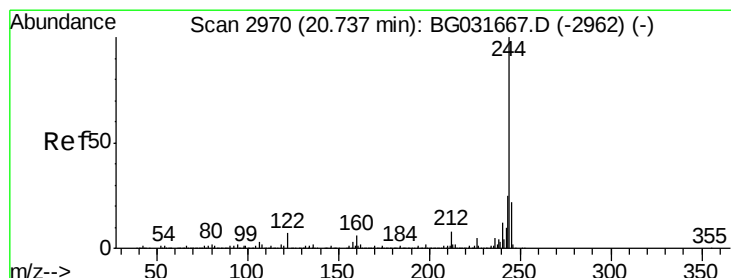
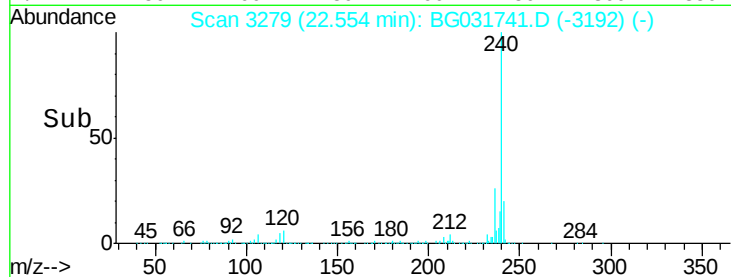
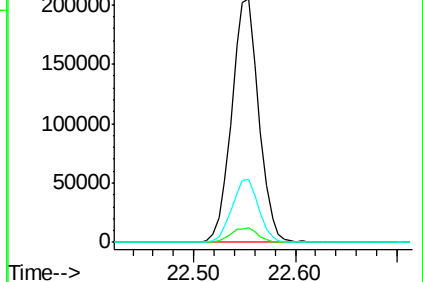
236 25.8 20.9 31.3



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: 76.806 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031741.D

Acq: 23 Dec 2017 10:09

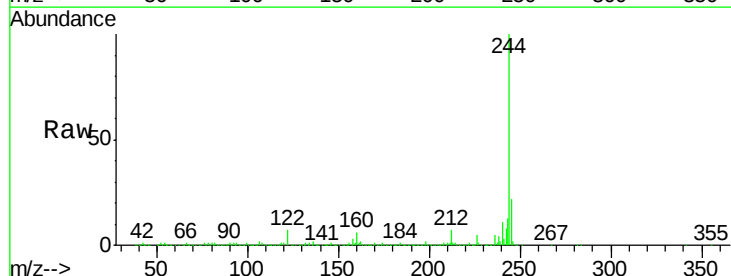
Tgt Ion:244 Resp: 1276351

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

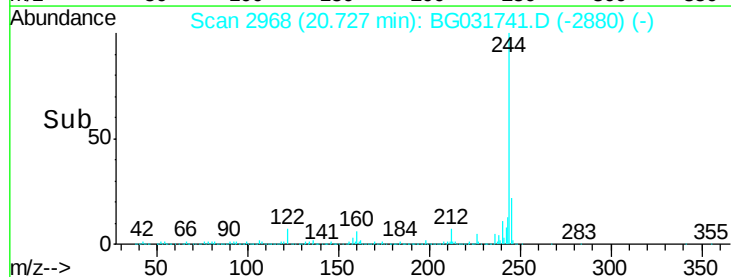
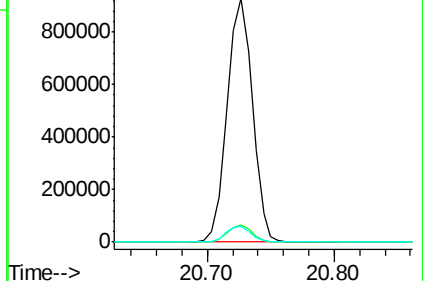
122 6.6 7.0 10.4#

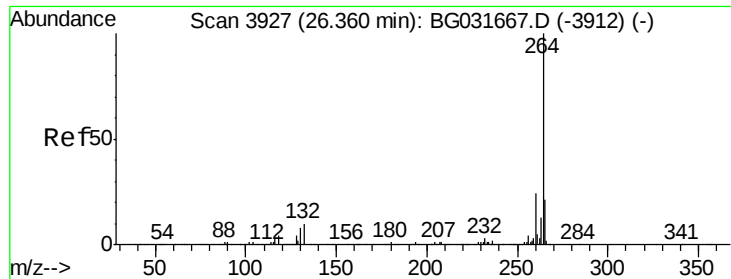


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG031741.D
Acq: 23 Dec 2017 10:09

Instrument :
BNA_G
ClientSampleId :
PZ-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.6	17.7	26.5

