

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030570.D
 Acq On : 29 Oct 2017 20:43
 Operator : SJ/JU
 Sample : I6094-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

Quant Time: Oct 30 08:30:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

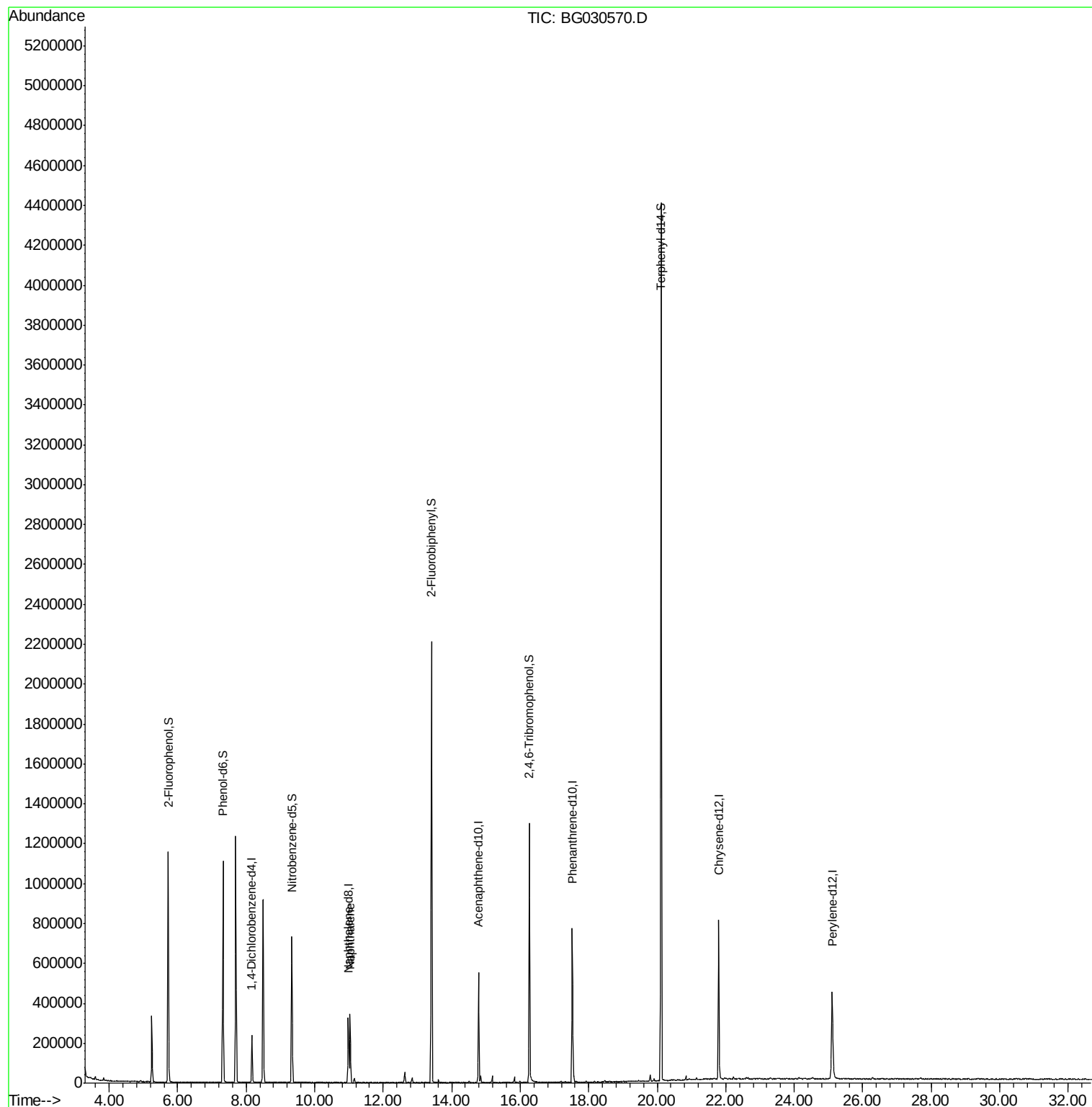
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69261	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	295066	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	195929	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	488911	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	511999	20.00	ng	0.00
86) Perylene-d12	25.11	264	508846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	542446	130.84	ng	0.00
7) Phenol-d6	7.32	99	673138	115.67	ng	0.00
23) Nitrobenzene-d5	9.33	82	448057	96.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	286067	113.09	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1226427	91.81	ng	0.00
78) Terphenyl-d14	20.11	244	2005001	89.09	ng	-0.01
Target Compounds						
31) Naphthalene	11.03	128	289376	19.678	ng	Qvalue 99

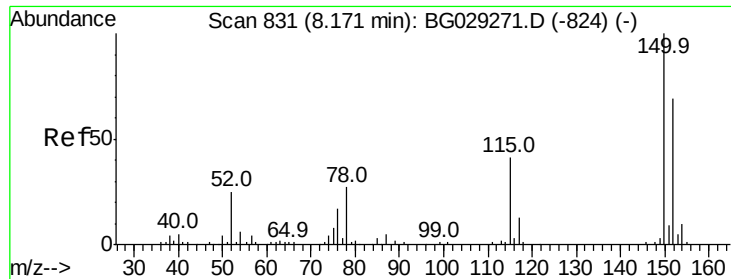
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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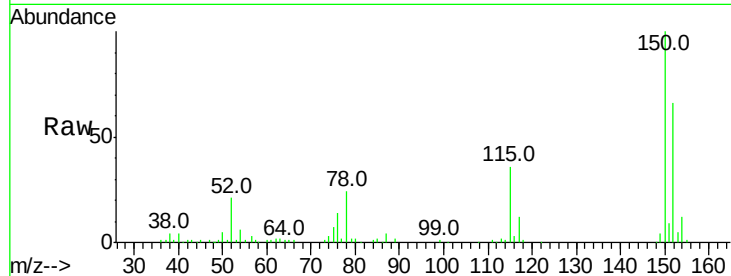


#1

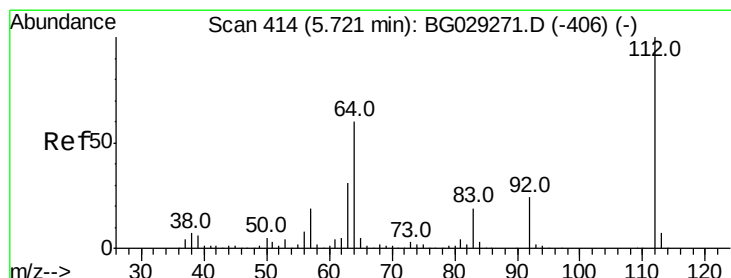
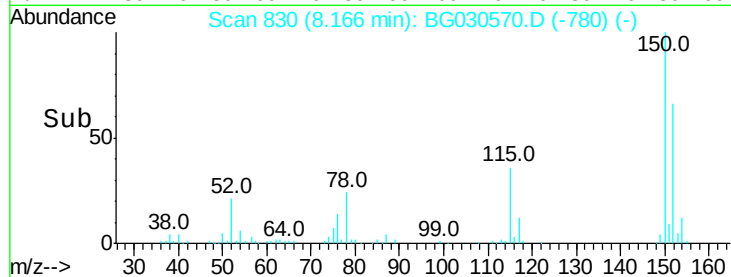
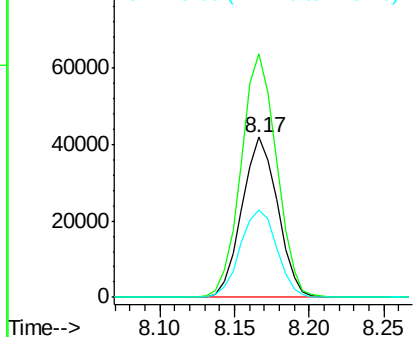
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :
ISLIP-EAST-COMP(0-3)

Tot Ion:152 Resp: 69261
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 54.9 53.0 79.4



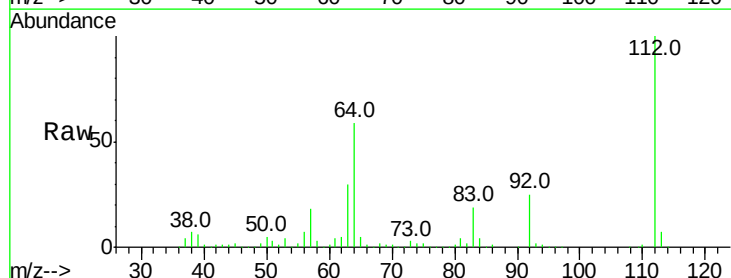
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



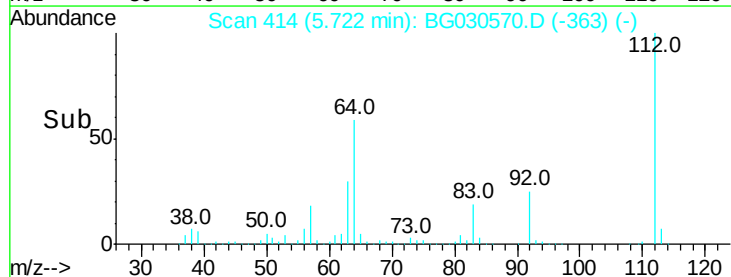
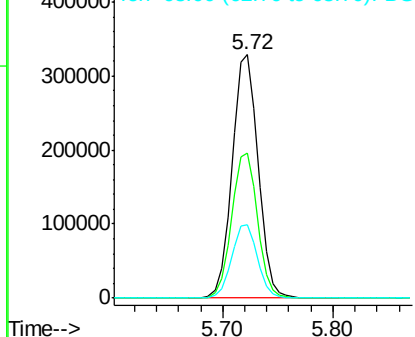
#5

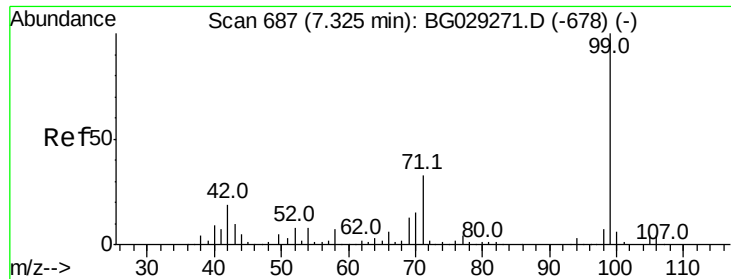
2-Fluorophenol
Concen: 130.836 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:112 Resp: 542446
Ion Ratio Lower Upper
112 100
64 59.4 56.3 84.5
63 30.2 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: 115.668 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030570.D

Acq: 29 Oct 2017 20:43

Instrument :

BNA_G

ClientSampleId :

ISLIP-EAST-COMP(0-3)

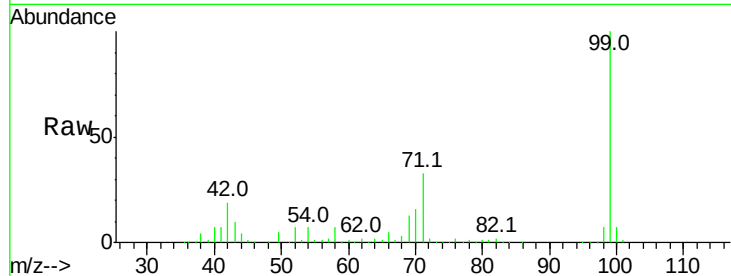
Tot Ion: 99 Resp: 673138

Ion Ratio Lower Upper

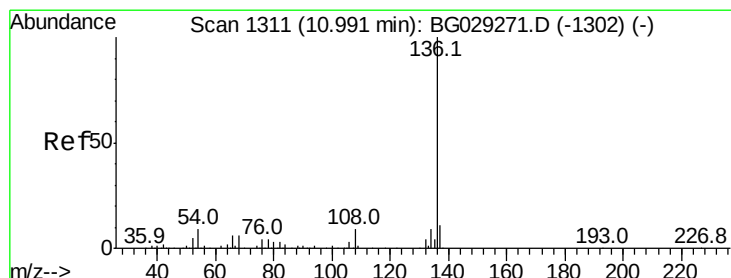
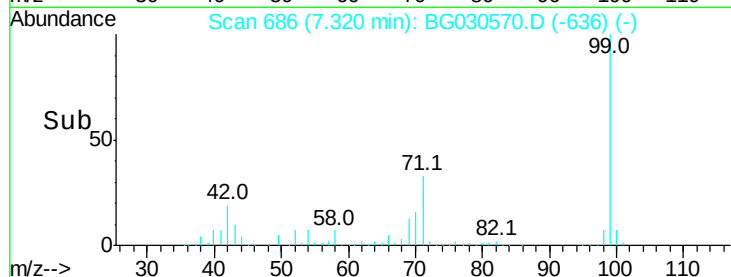
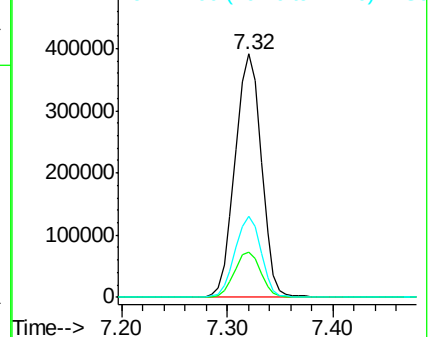
99 100

42 18.7 14.1 21.1

71 33.3 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030570.D

Acq: 29 Oct 2017 20:43

Tgt Ion: 136 Resp: 295066

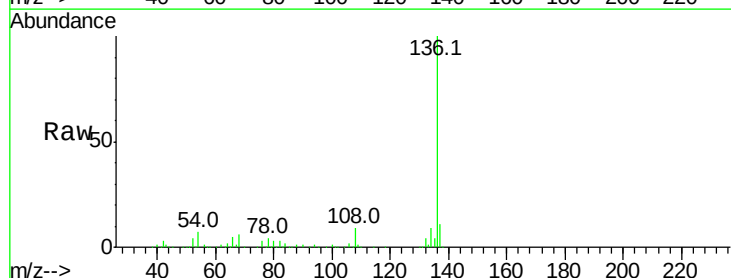
Ion Ratio Lower Upper

136 100

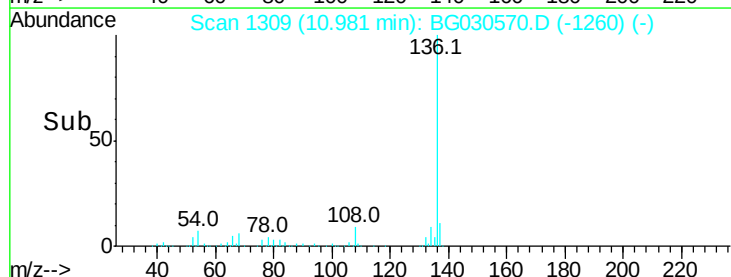
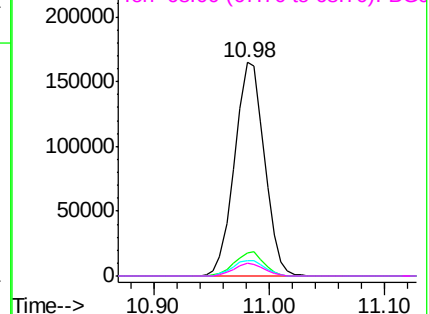
137 10.6 9.2 13.8

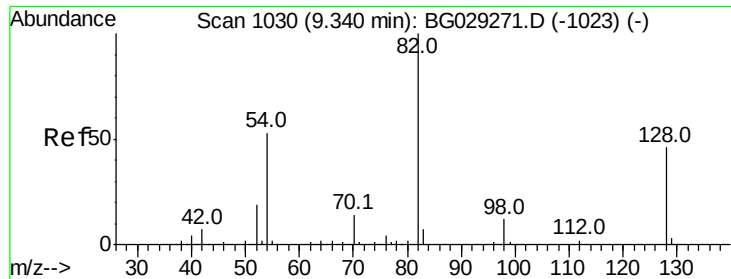
54 7.3 10.3 15.5#

68 5.8 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

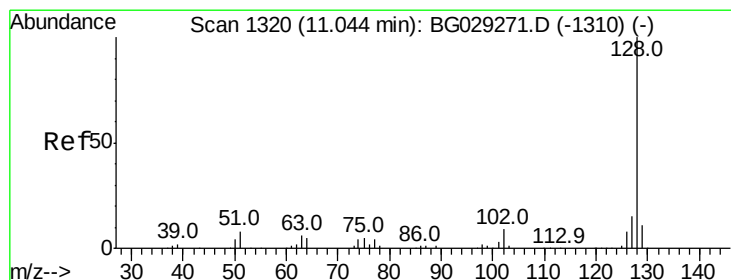
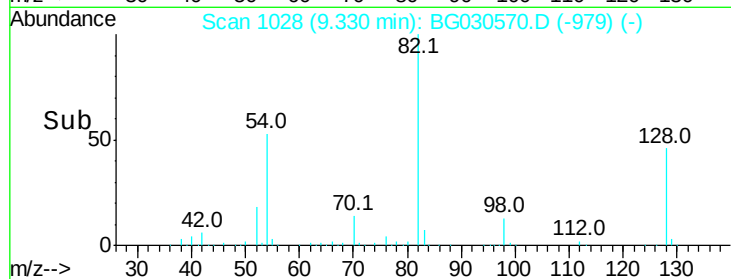
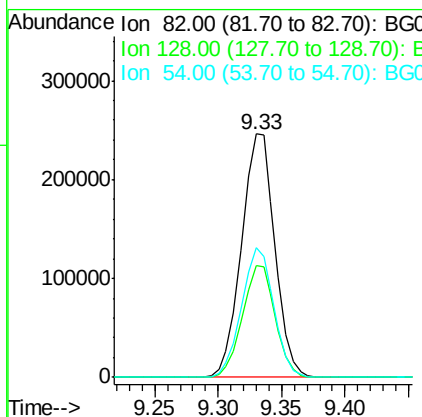
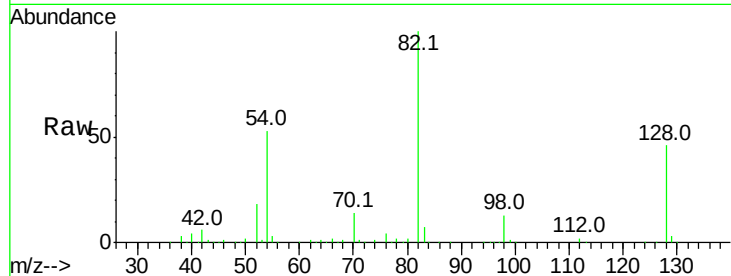




#23
 Nitrobenzene-d5
 Concen: 96.496 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030570.D
 Acq: 29 Oct 2017 20:43

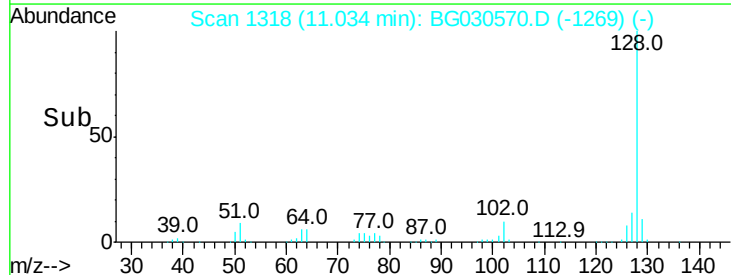
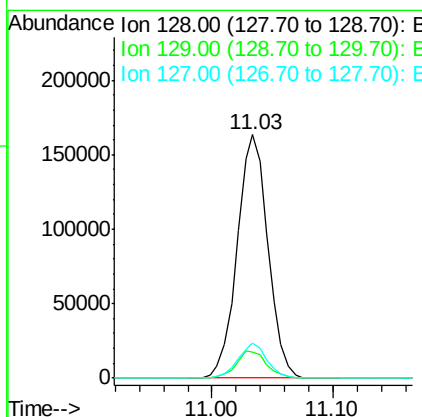
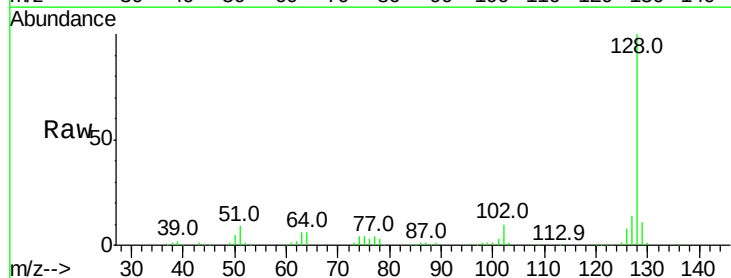
Instrument :
 BNA_G
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

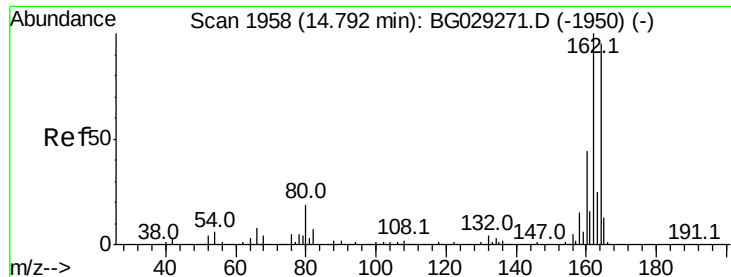
Tot Ion: 82 Resp: 448057
 Ion Ratio Lower Upper
 82 100
 128 45.8 29.7 44.5#
 54 53.1 43.1 64.7



#31
 Naphthalene
 Concen: 19.678 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG030570.D
 Acq: 29 Oct 2017 20:43

Tgt Ion: 128 Resp: 289376
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 12.8
 127 14.2 11.6 17.4

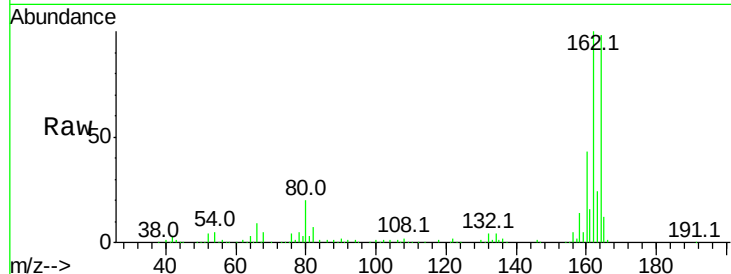




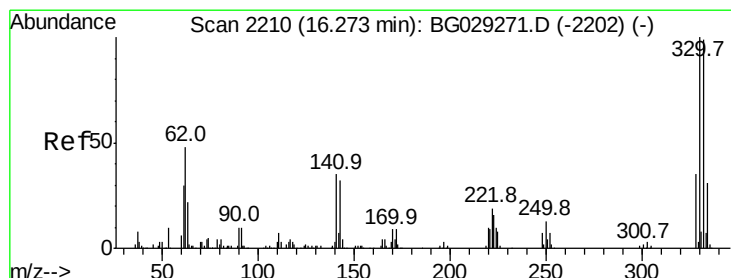
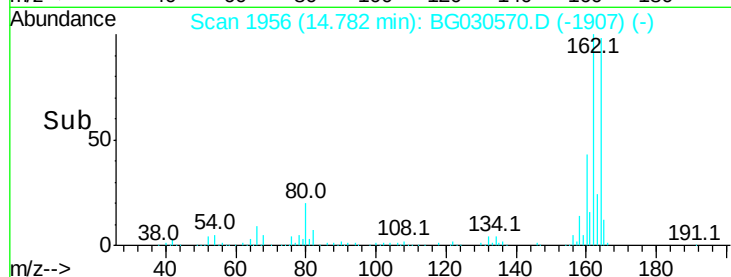
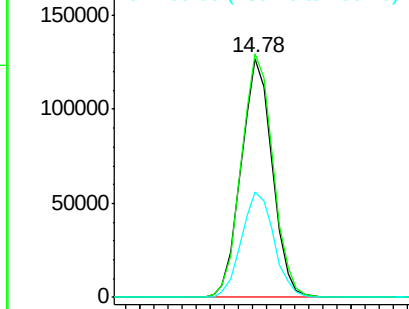
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :
ISLIP-EAST-COMP(0-3)

Tot Ion:164 Resp: 195929
Ion Ratio Lower Upper
164 100
162 102.0 78.8 118.2
160 44.1 35.4 53.0

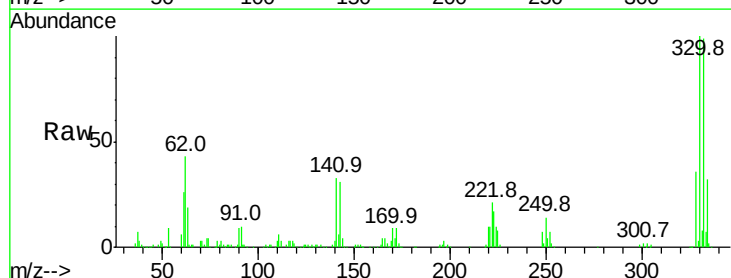


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

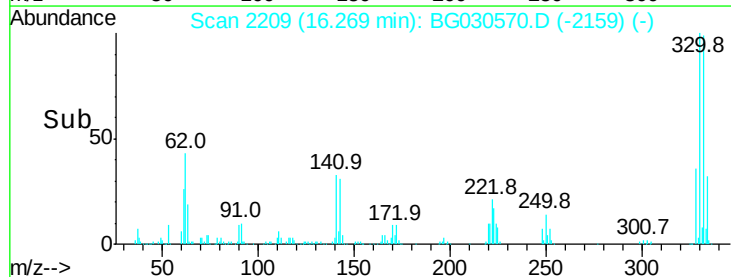
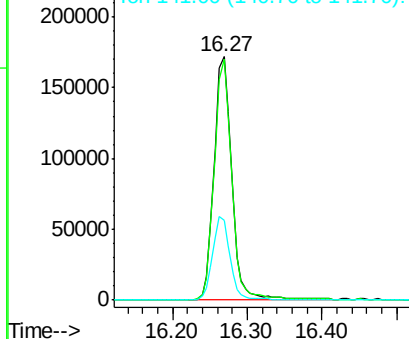


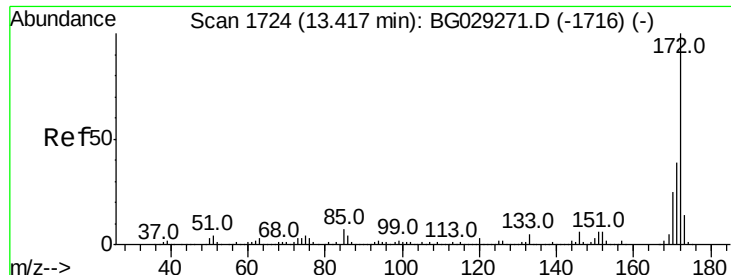
#41
2,4,6-Tribromophenol
Concen: 113.086 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:330 Resp: 286067
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.7 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



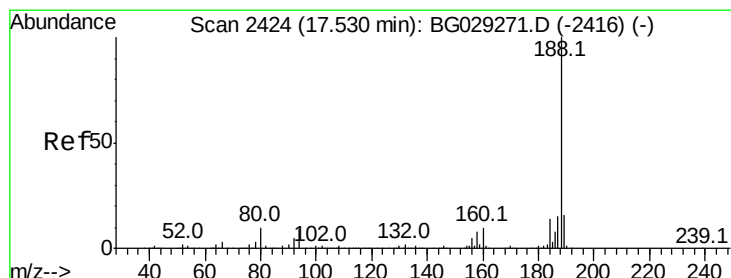
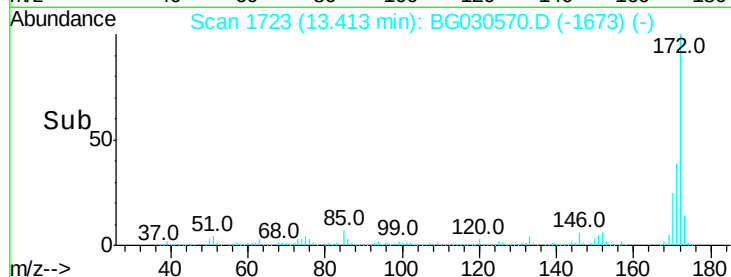
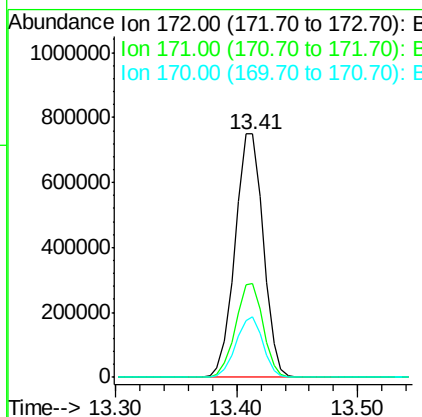
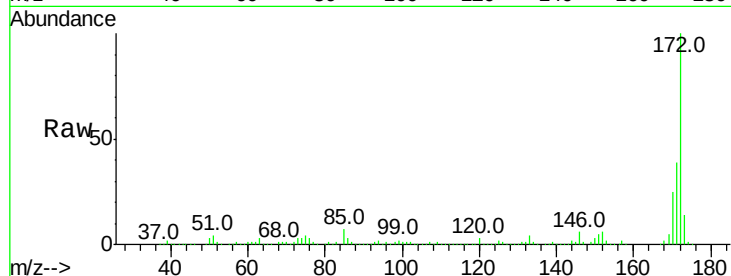


#44
 2-Fluorobiphenyl
 Concen: 91.806 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030570.D
 Acq: 29 Oct 2017 20:43

Instrument :
 BNA_G
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

Tot Ion:172 Resp: 1226427

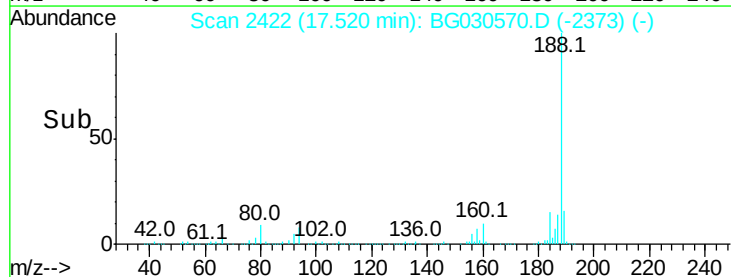
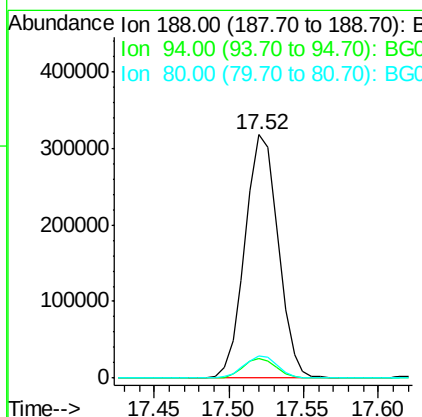
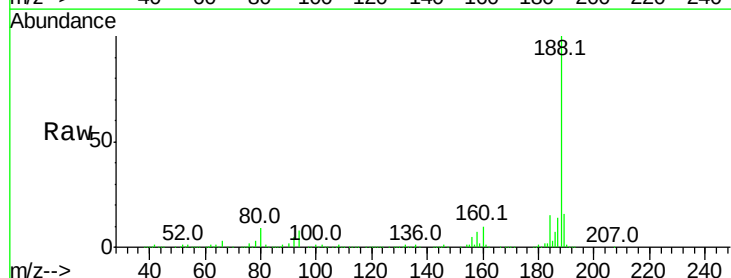
Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.0	19.5	29.3

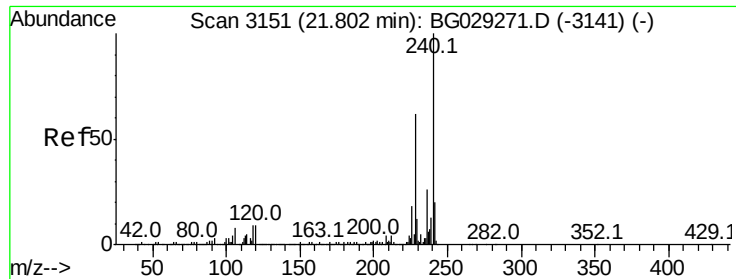


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030570.D
 Acq: 29 Oct 2017 20:43

Tgt Ion:188 Resp: 488911

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030570.D

Acq: 29 Oct 2017 20:43

Instrument :

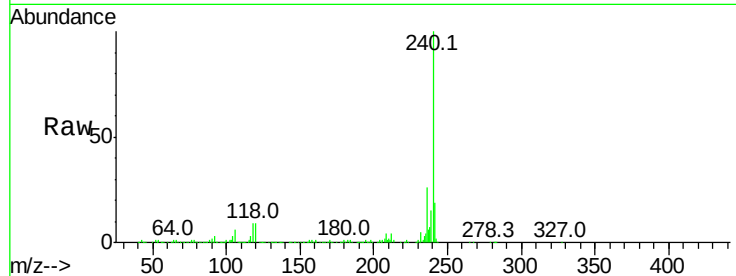
BNA_G

ClientSampleId :

ISLIP-EAST-COMP(0-3)

Tot Ion:240 Resp: 511999

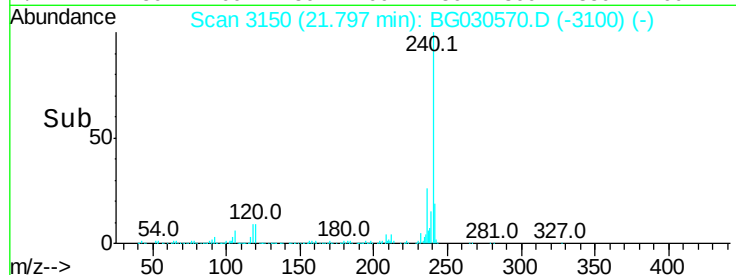
Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	26.5	20.9	31.3



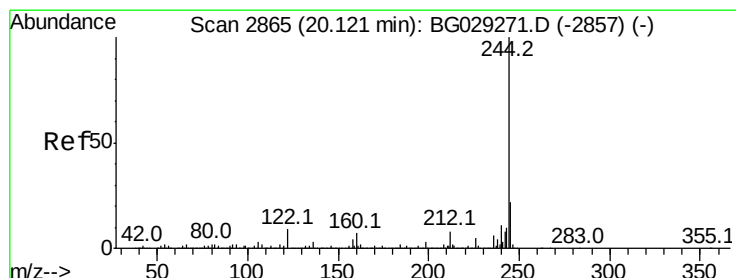
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 89.087 ng

RT: 20.11 min Scan# 2863

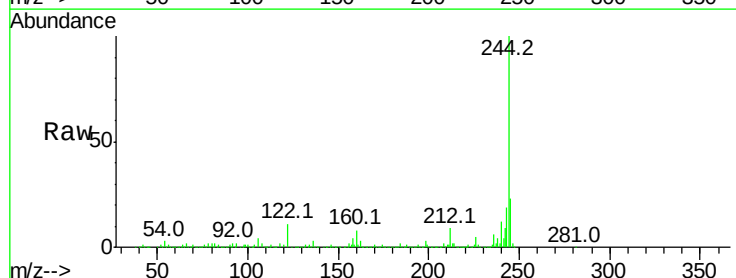
Delta R.T. -0.01 min

Lab File: BG030570.D

Acq: 29 Oct 2017 20:43

Tgt Ion:244 Resp: 2005001

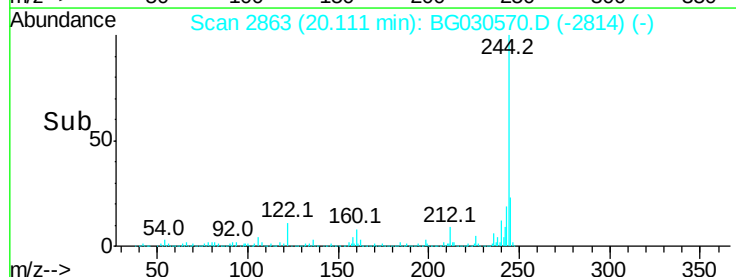
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	10.6	7.0	10.4



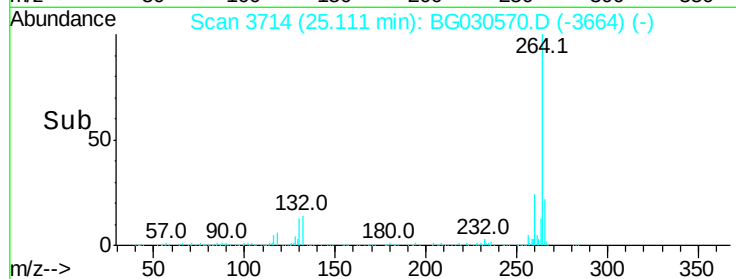
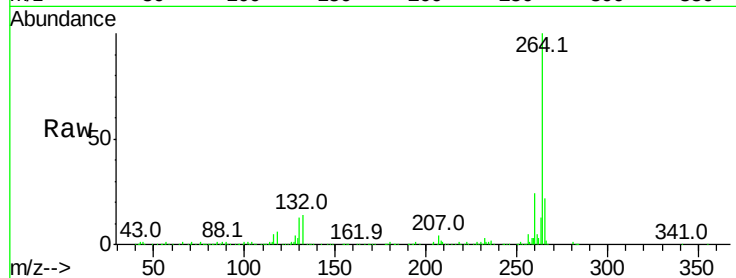
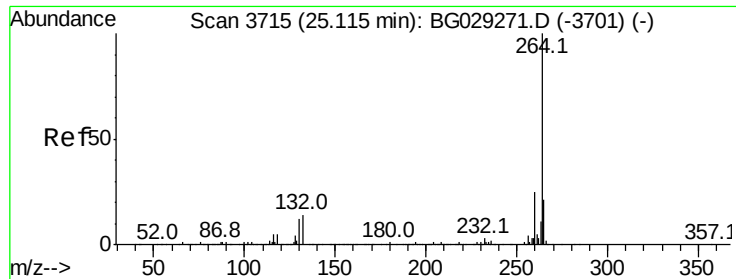
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :
ISLIP-EAST-COMP(0-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.9	17.7	26.5

