

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031742.D
 Acq On : 23 Dec 2017 10:47
 Operator : SJ/JU
 Sample : I7040-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Quant Time: Dec 26 00:12:04 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	8.83	152	47354	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	194015	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	133868	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	331084	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	382493	20.00	ng	-0.02
86) Perylene-d12	26.34	264	405529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	180774	69.53	ng	0.00
7) Phenol-d6	7.92	99	142625	42.25	ng	-0.01
23) Nitrobenzene-d5	10.03	82	298164	116.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	354574	173.59	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1083639	101.60	ng	-0.01
78) Terphenyl-d14	20.73	244	1836309	109.68	ng	-0.01

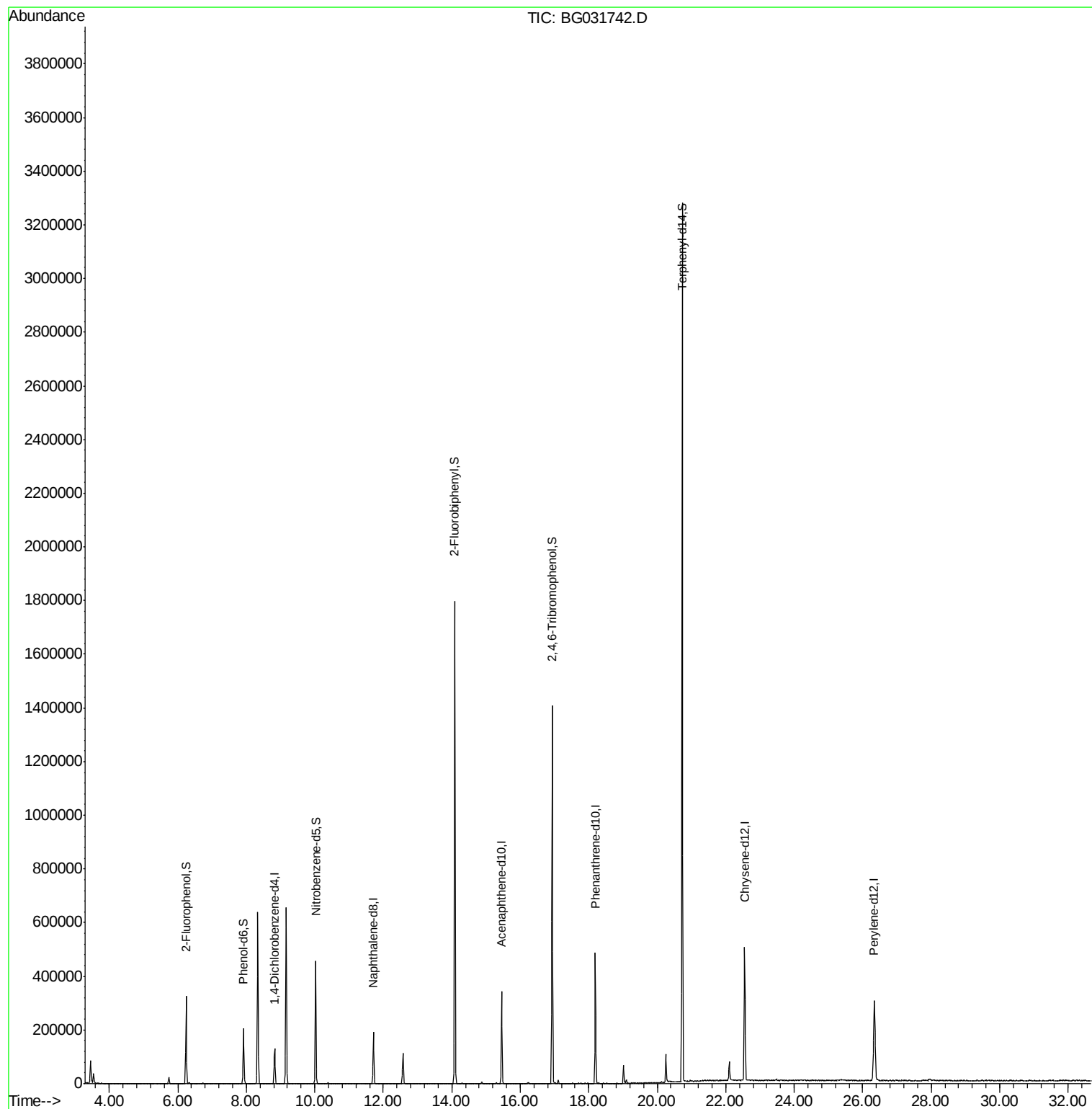
Target Compounds	Qvalue
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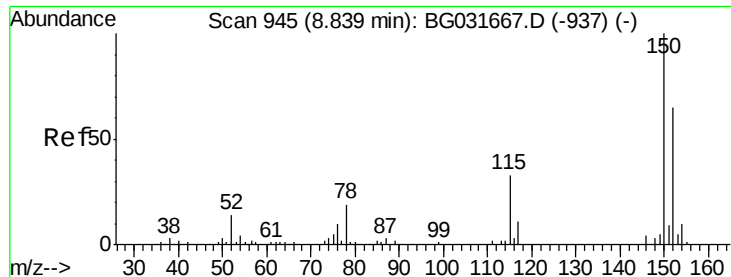
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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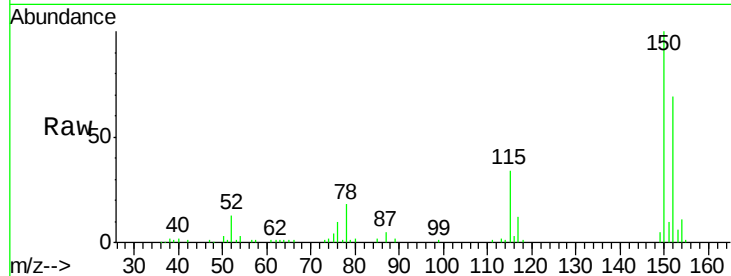


#1

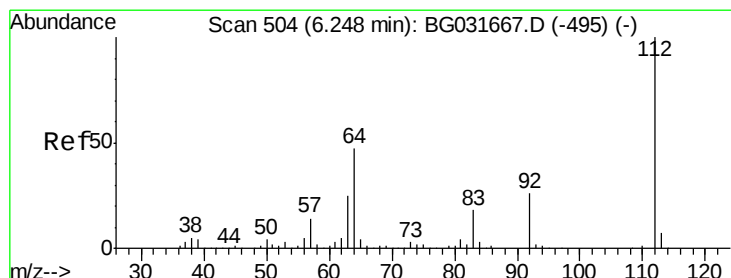
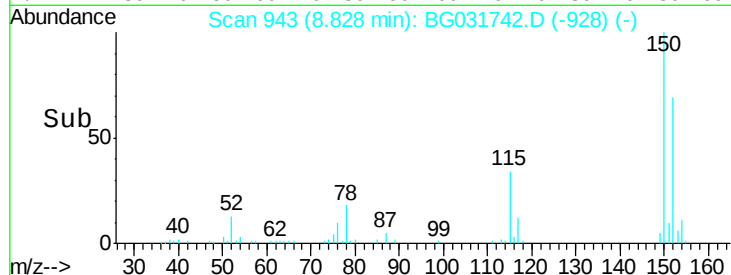
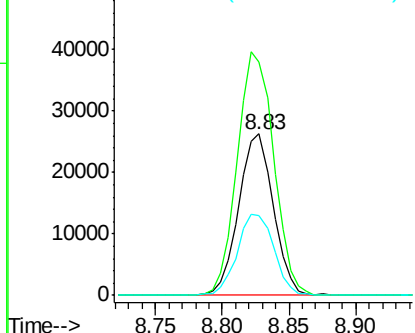
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Instrument :
BNA_G
ClientSampled :
LIP-16

Tgt Ion:152 Resp: 47354
Ion Ratio Lower Upper
152 100
150 145.0 126.6 189.8
115 49.5 53.0 79.4#



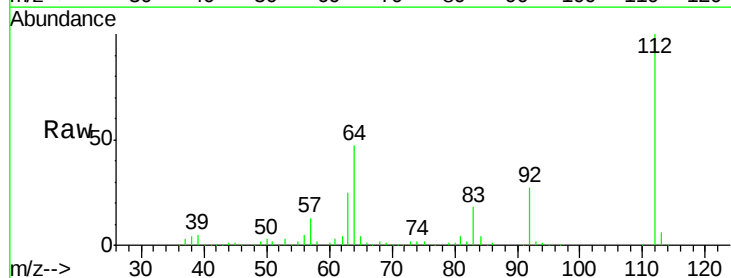
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



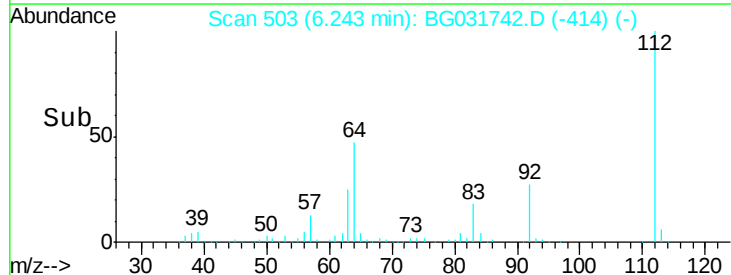
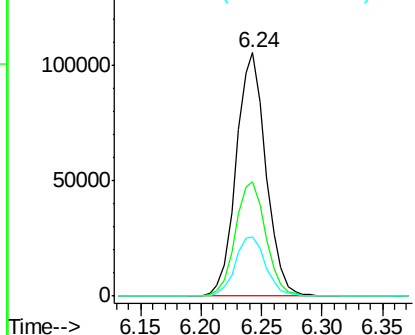
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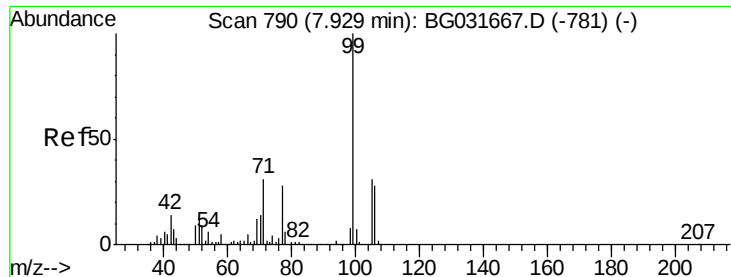
2-Fluorophenol
Concen: 69.531 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Tgt Ion:112 Resp: 180774
Ion Ratio Lower Upper
112 100
64 47.1 56.3 84.5#
63 24.6 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: 42.253 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Instrument :

BNA_G

ClientSampleId :

LIP-16

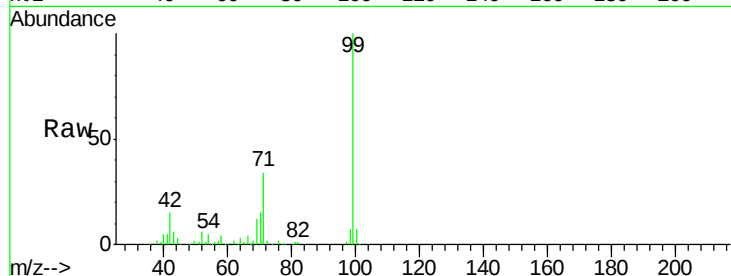
Tgt Ion: 99 Resp: 142625

Ion Ratio Lower Upper

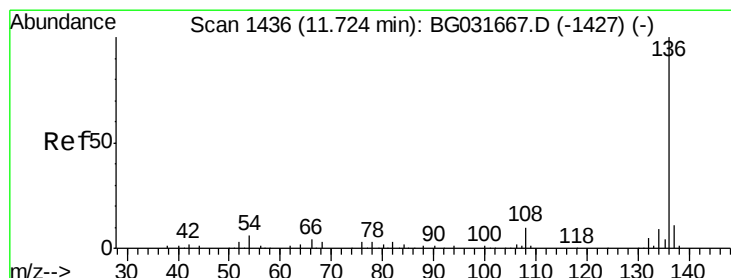
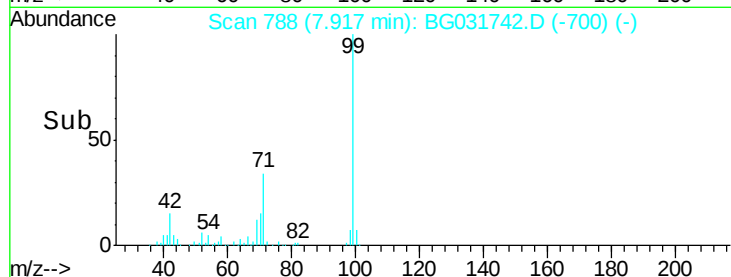
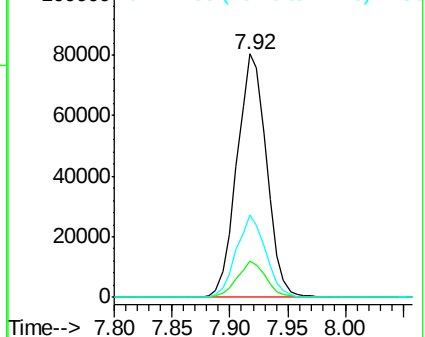
99 100

42 15.1 14.1 21.1

71 33.7 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: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Tgt Ion: 136 Resp: 194015

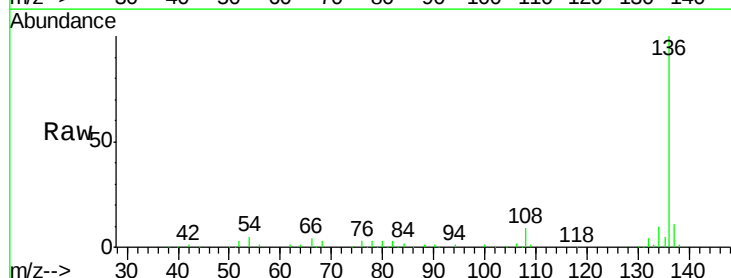
Ion Ratio Lower Upper

136 100

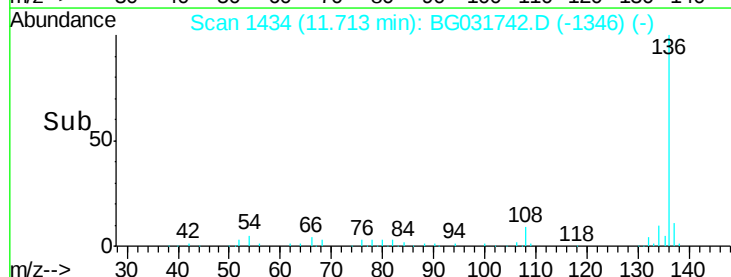
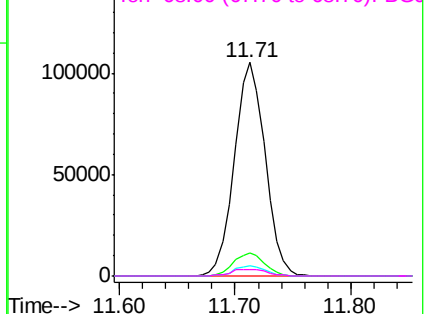
137 10.6 9.2 13.8

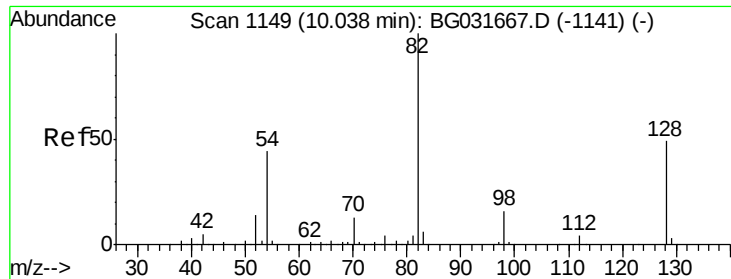
54 4.6 10.3 15.5#

68 3.2 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

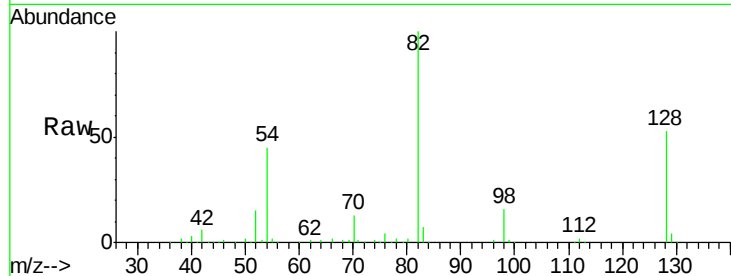




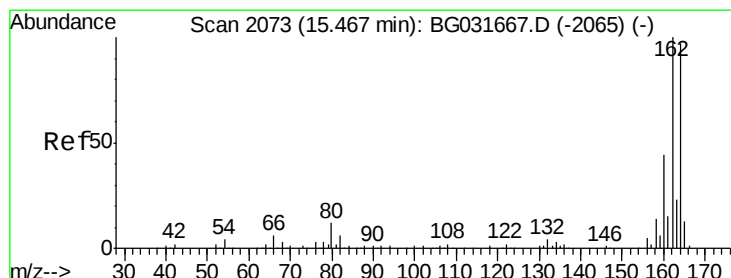
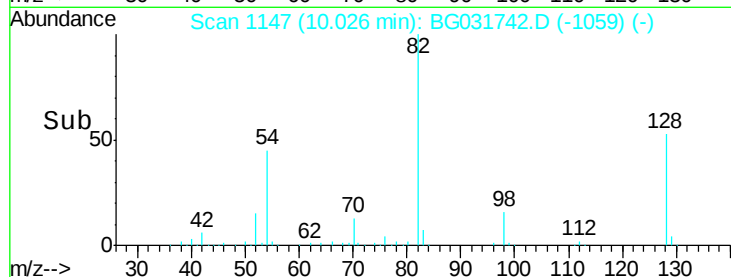
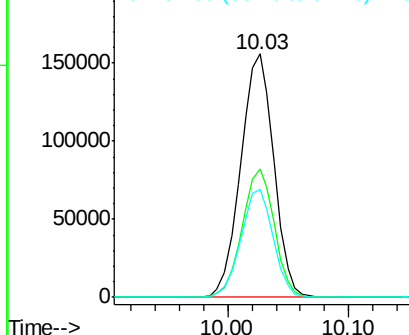
#23
 Nitrobenzene-d5
 Concen: 116.048 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tgt Ion: 82 Resp: 298164
 Ion Ratio Lower Upper
 82 100
 128 52.9 29.7 44.5#
 54 44.5 43.1 64.7

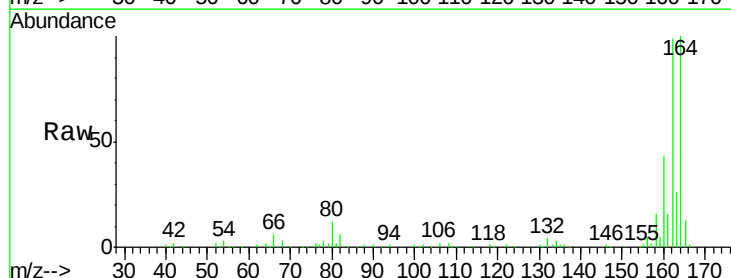


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

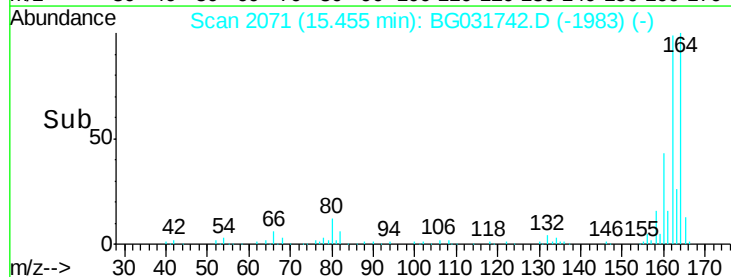
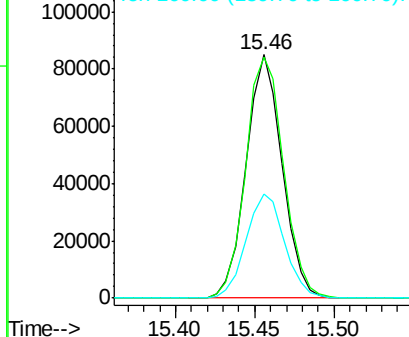


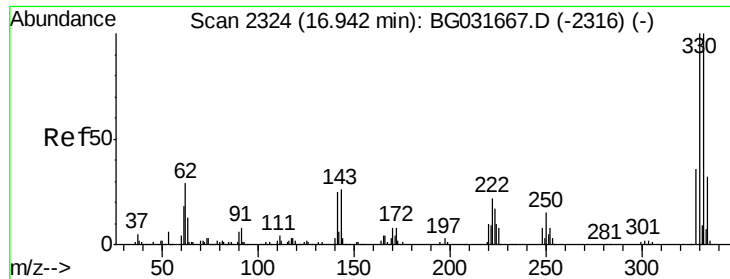
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Tgt Ion: 164 Resp: 133868
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 42.9 35.4 53.0



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

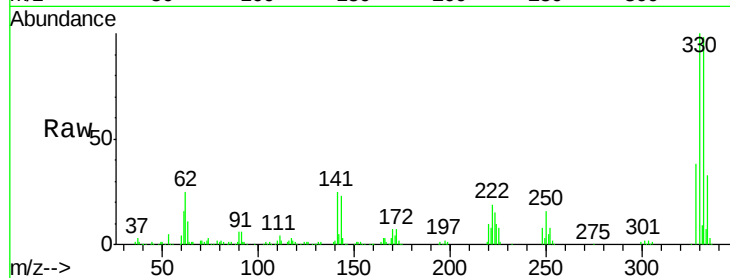




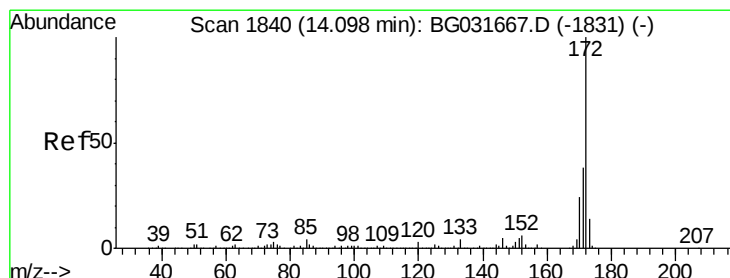
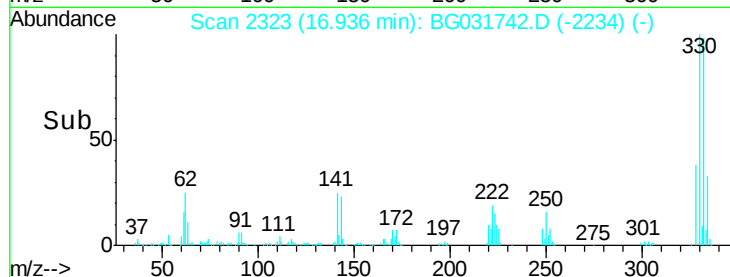
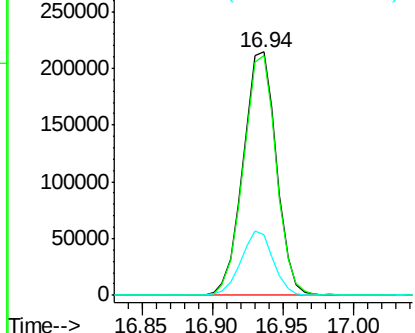
#41
 2,4,6-Tribromophenol
 Concen: 173.586 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tgt Ion:330 Resp: 354574
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 25.4 25.2 37.8

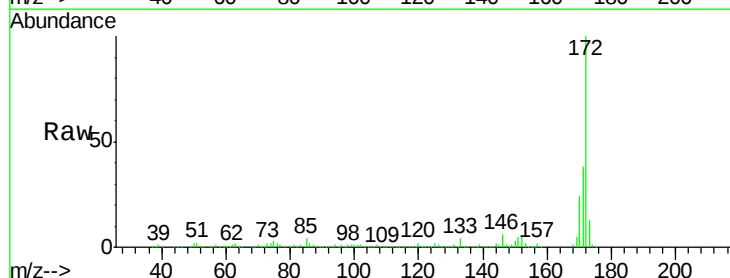


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

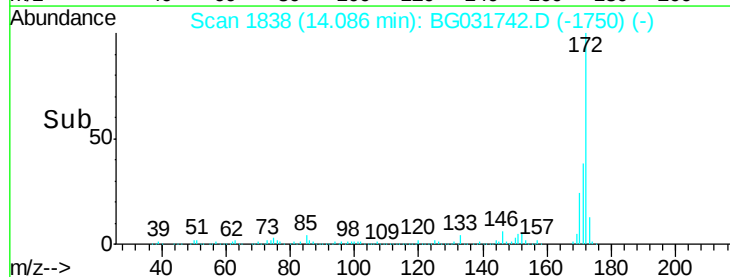
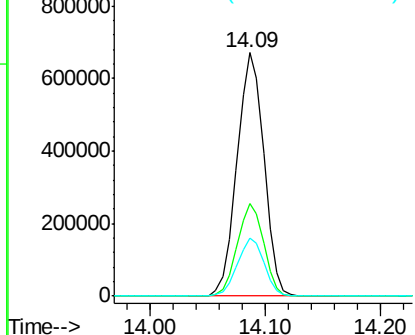


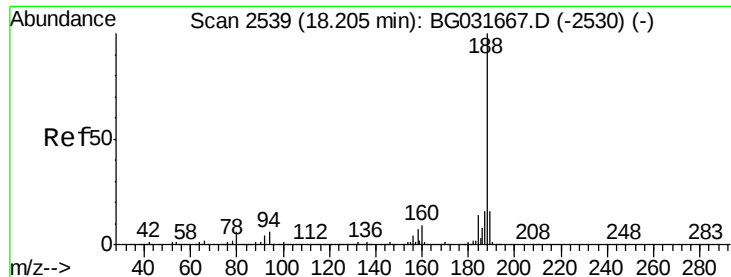
#44
 2-Fluorobiphenyl
 Concen: 101.601 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Tgt Ion:172 Resp: 1083639
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

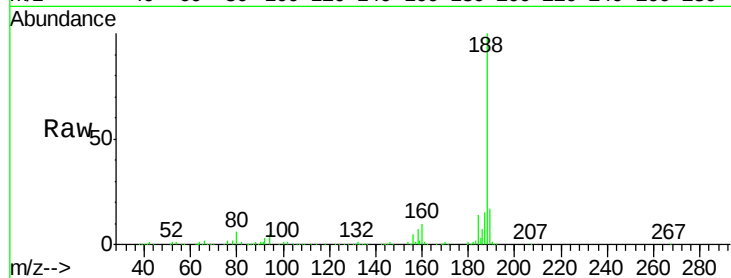




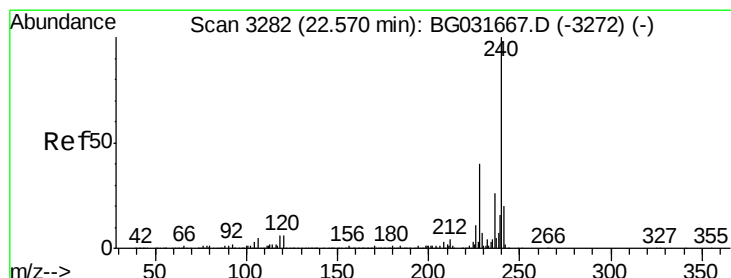
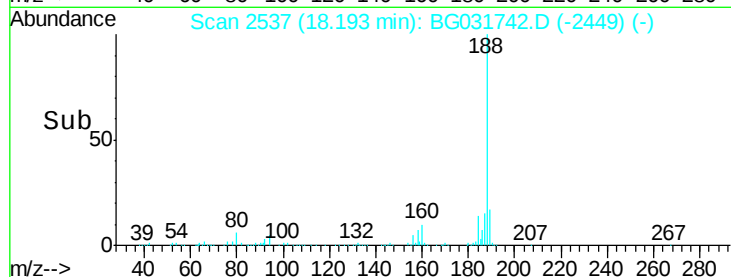
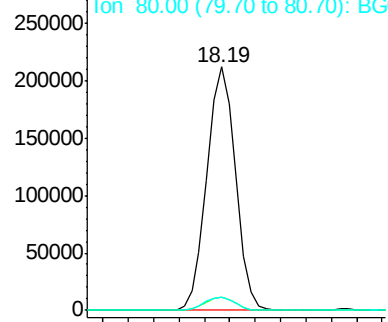
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Instrument :
BNA_G
ClientSampled :
LIP-16

Tgt Ion:188 Resp: 331084
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 5.6 7.7 11.5#

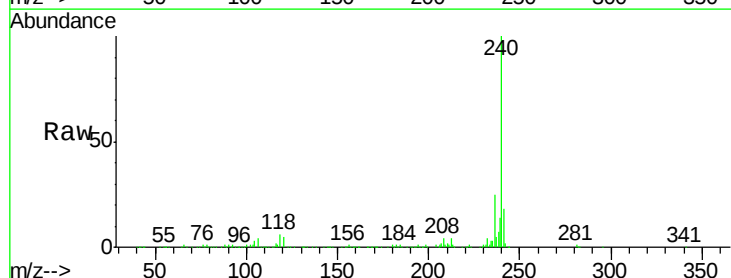


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

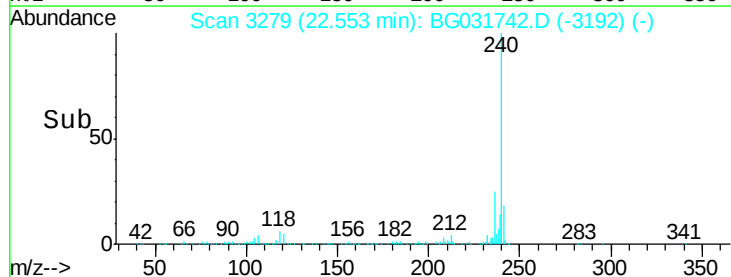
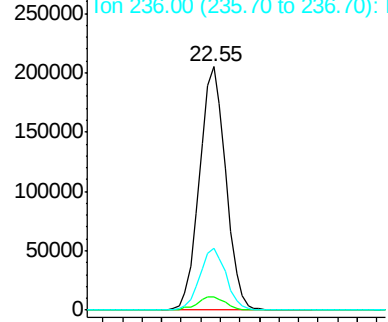


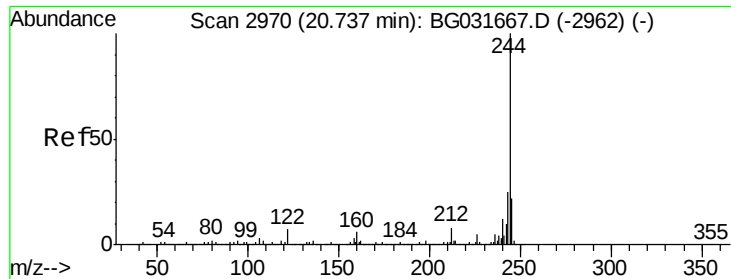
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Tgt Ion:240 Resp: 382493
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.5 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

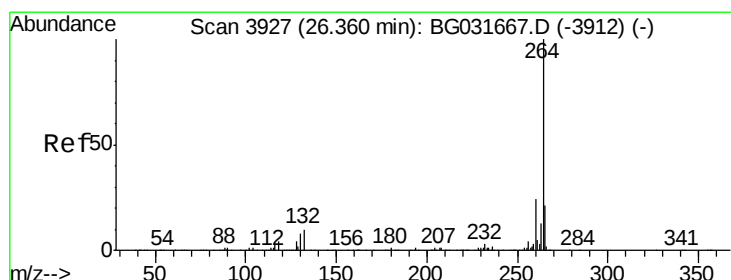
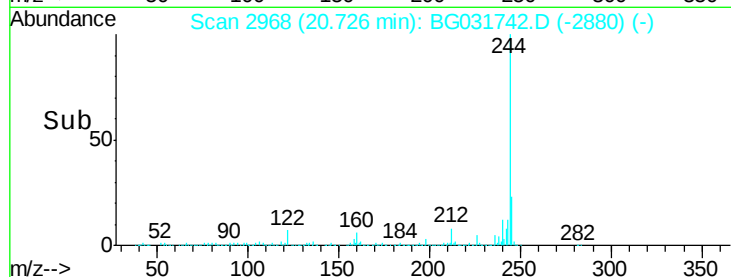
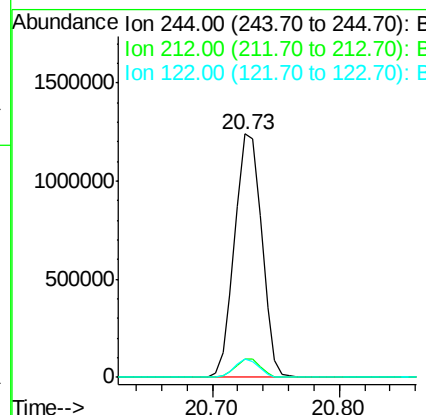
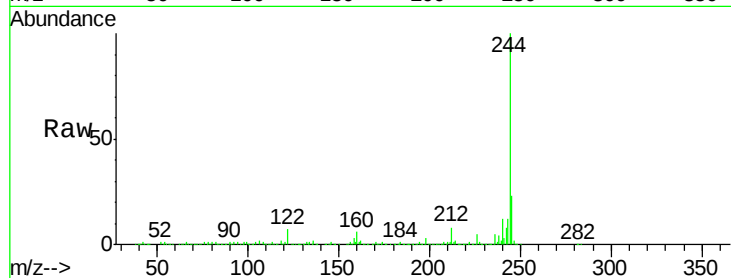




#78
 Terphenyl-d14
 Concen: 109.684 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tgt Ion:244 Resp: 1836309
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. -0.02 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Tgt Ion:264 Resp: 405529
 Ion Ratio Lower Upper
 264 100
 260 24.9 17.4 26.0
 265 22.0 17.7 26.5

