

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031915.D
 Acq On : 4 Jan 2018 14:58
 Operator : SJ/JU
 Sample : PB105473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105473BL

Quant Time: Jan 05 03:32:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47673	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	203072	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	145930	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	419100	20.00	ng	0.00
75) Chrysene-d12	22.50	240	500362	20.00	ng	0.00
86) Perylene-d12	26.24	264	483403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	387129	147.91	ng	0.00
7) Phenol-d6	7.89	99	491150	144.53	ng	0.00
23) Nitrobenzene-d5	9.99	82	269416	100.18	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	381407	171.29	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	984906	84.71	ng	0.00
78) Terphenyl-d14	20.69	244	1961674	89.57	ng	0.00

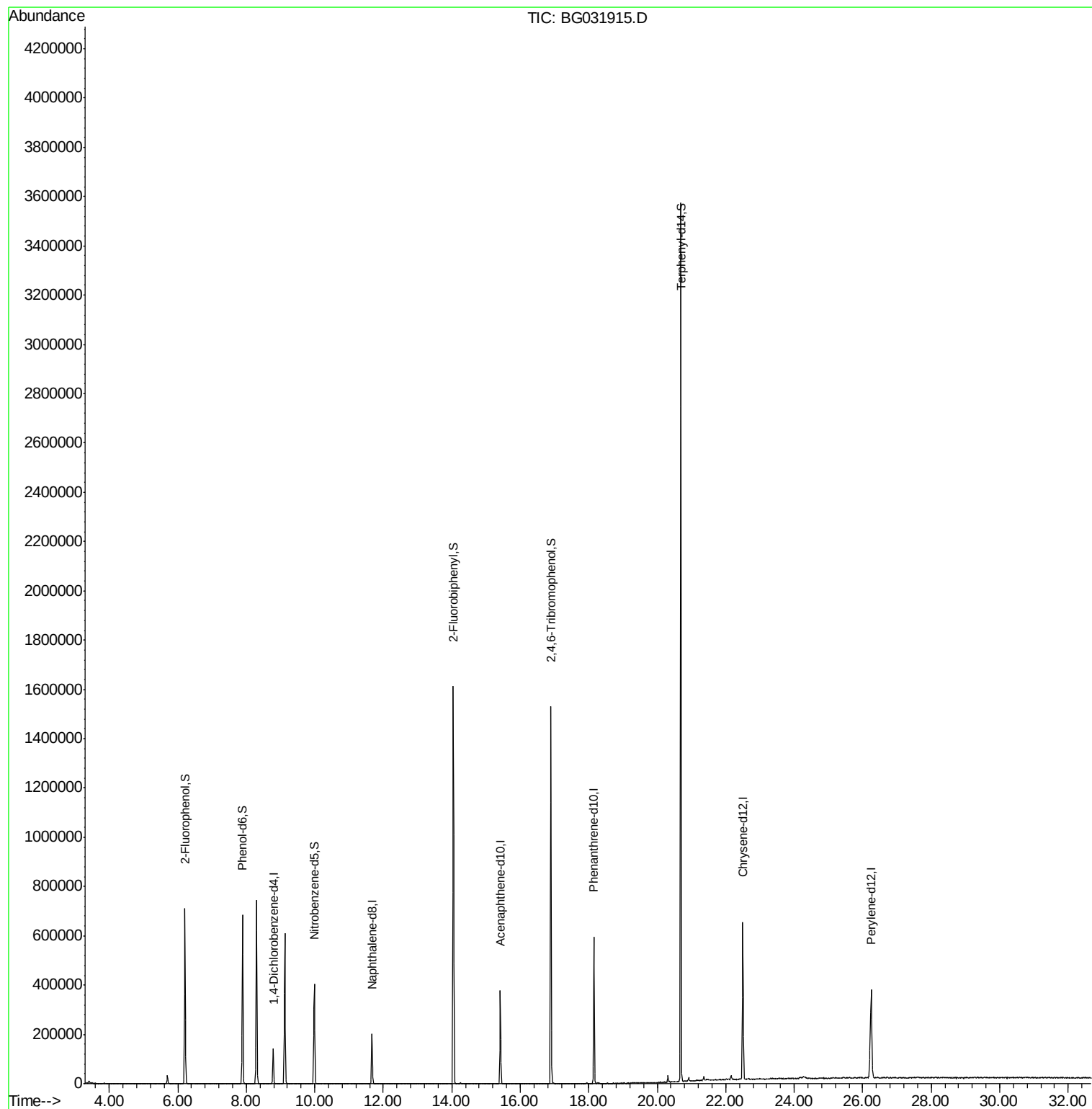
Target Compounds Qvalue

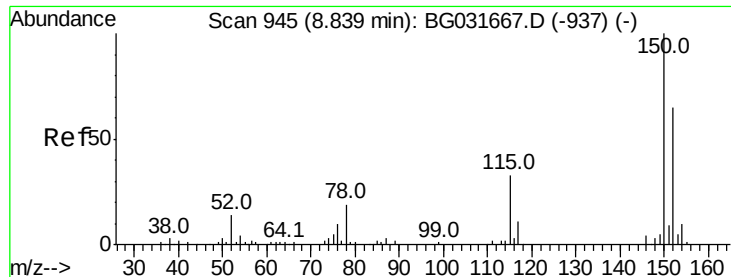
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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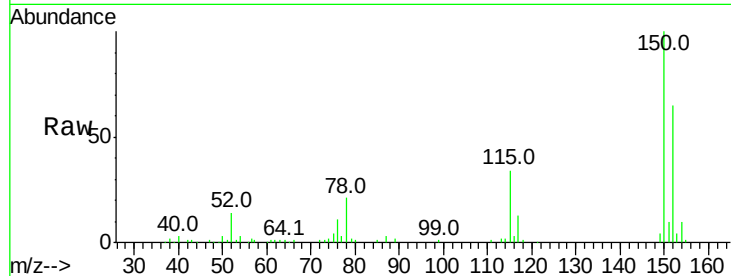


#1

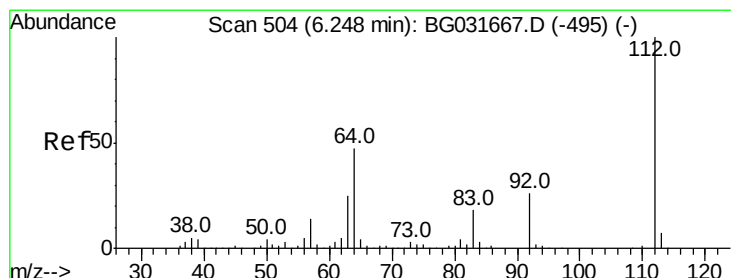
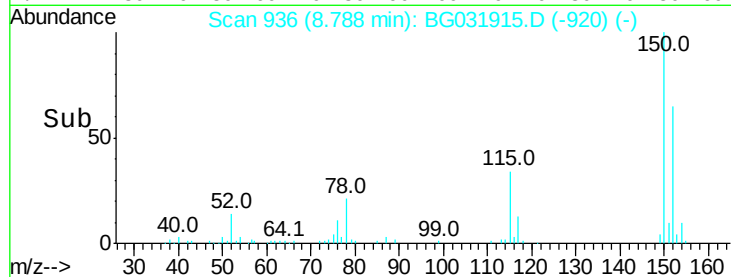
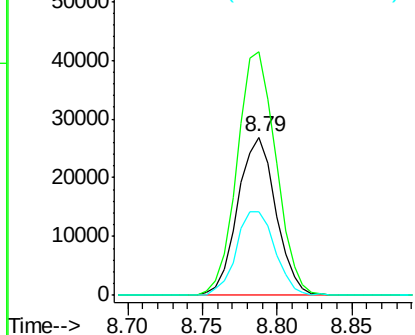
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105473BL

Tot Ion:152 Resp: 47673
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.6 189.8
 115 52.6 53.0 79.4#



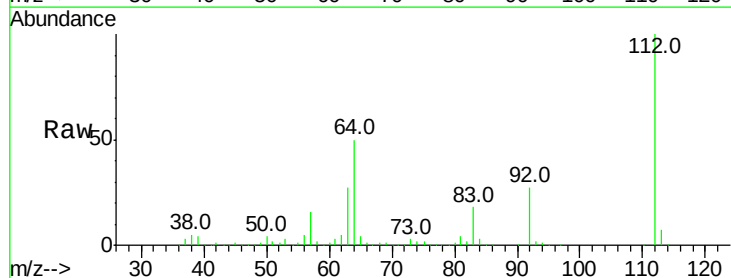
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



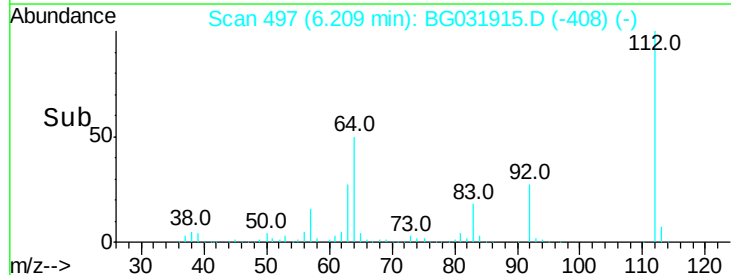
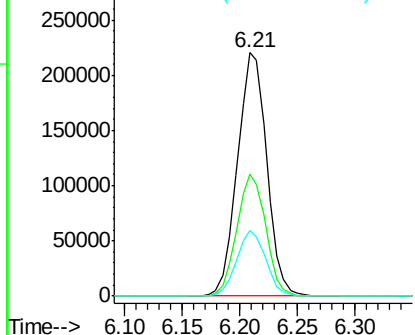
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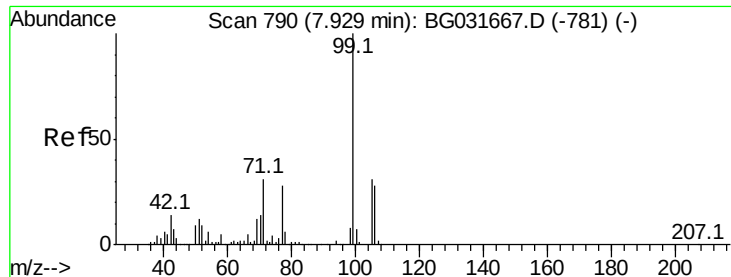
2-Fluorophenol
 Concen: 147.906 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Tgt Ion:112 Resp: 387129
 Ion Ratio Lower Upper
 112 100
 64 49.9 56.3 84.5#
 63 27.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 144.530 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Instrument :

BNA_G

ClientSampleId :

PB105473BL

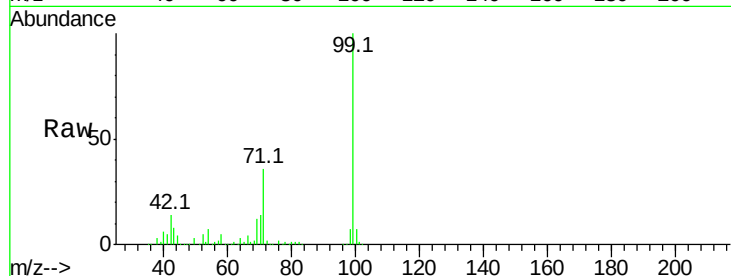
Tot Ion: 99 Resp: 491150

Ion Ratio Lower Upper

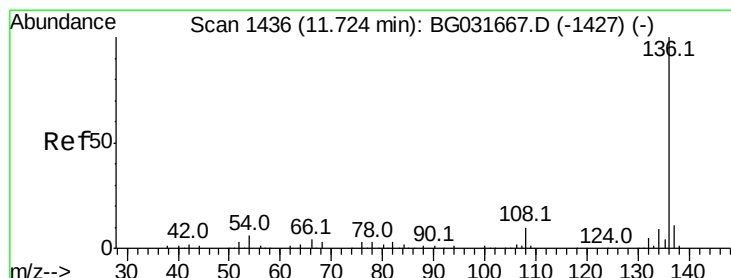
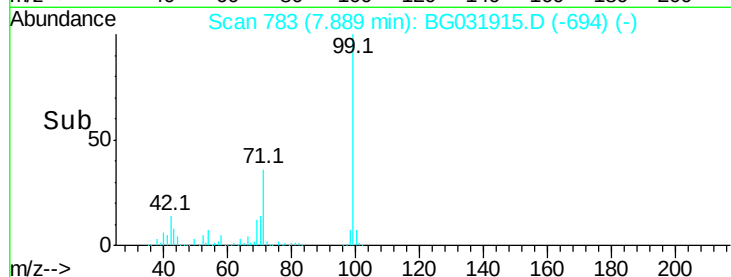
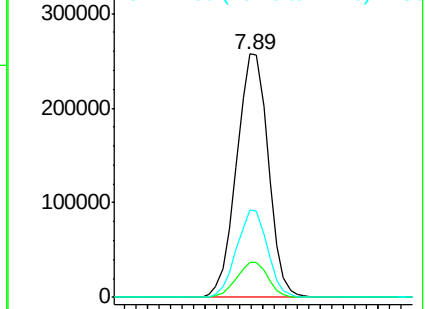
99 100

42 14.4 14.1 21.1

71 35.8 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: 11.67 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Tgt Ion: 136 Resp: 203072

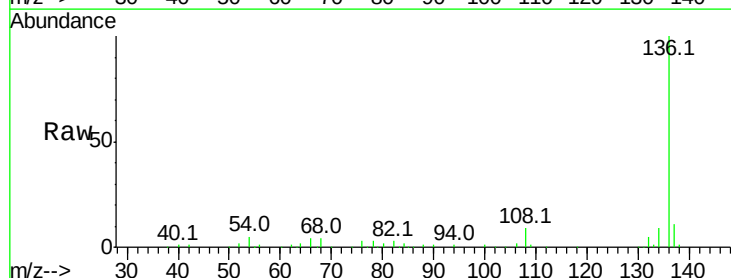
Ion Ratio Lower Upper

136 100

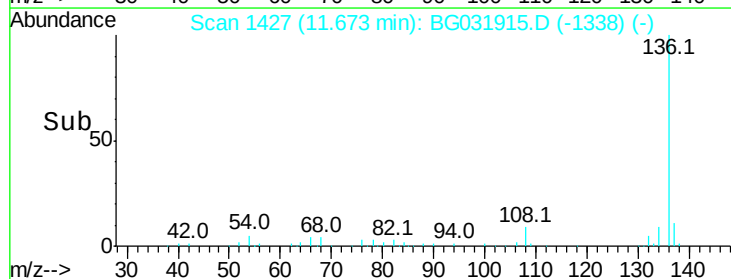
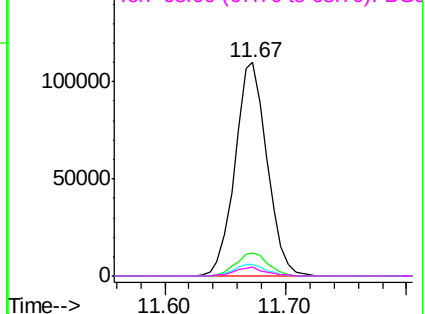
137 11.0 9.2 13.8

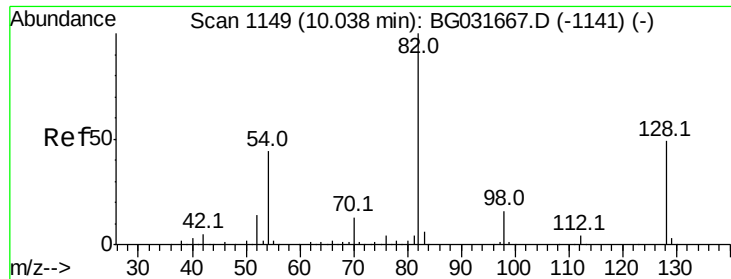
54 5.5 10.3 15.5#

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

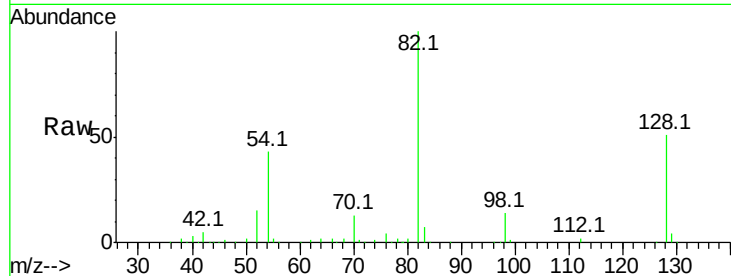




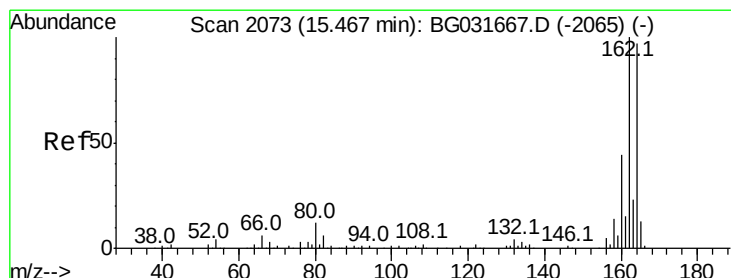
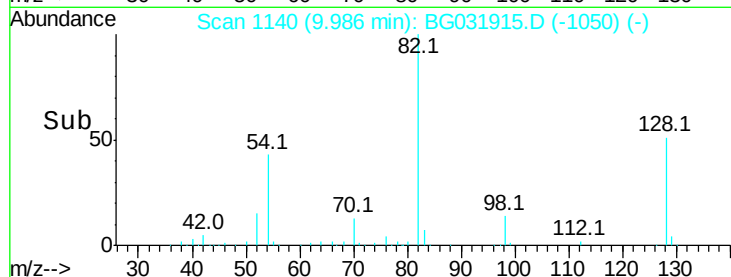
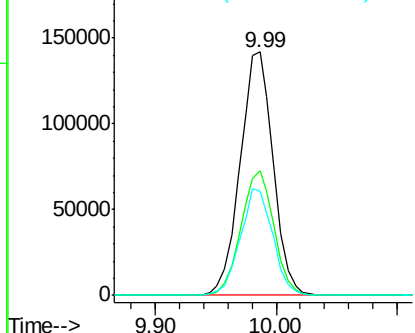
#23
 Nitrobenzene-d5
 Concen: 100.182 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105473BL

Tot Ion: 82 Resp: 269416
 Ion Ratio Lower Upper
 82 100
 128 51.3 29.7 44.5#
 54 42.8 43.1 64.7#

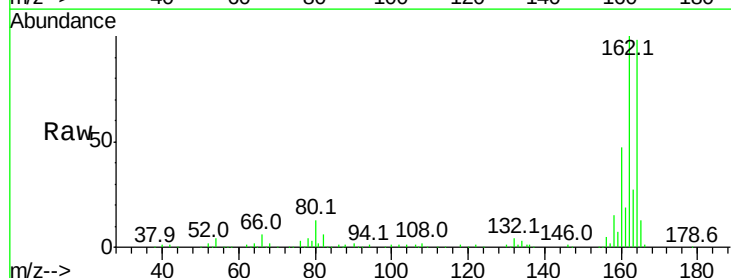


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

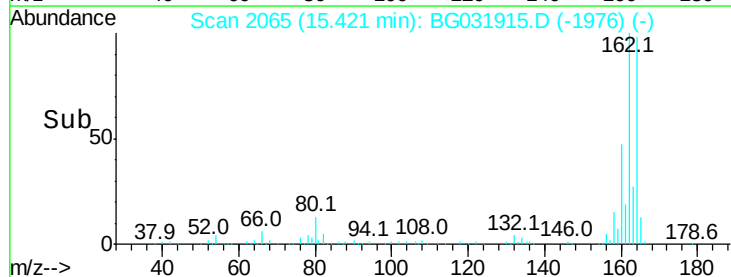
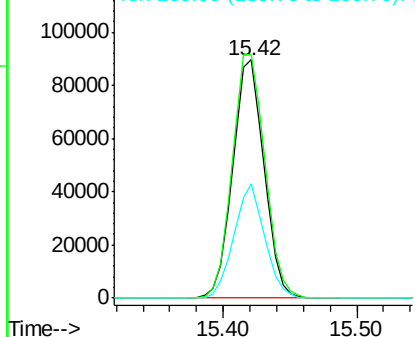


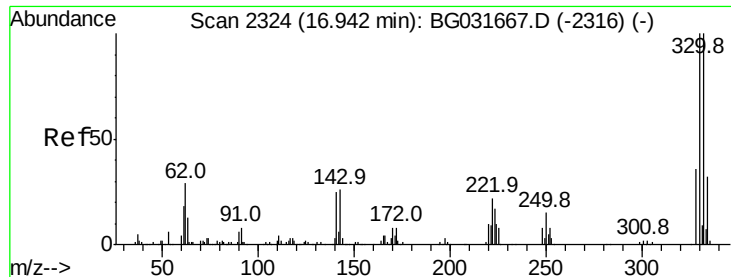
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Tgt Ion:164 Resp: 145930
 Ion Ratio Lower Upper
 164 100
 162 102.2 78.8 118.2
 160 47.9 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

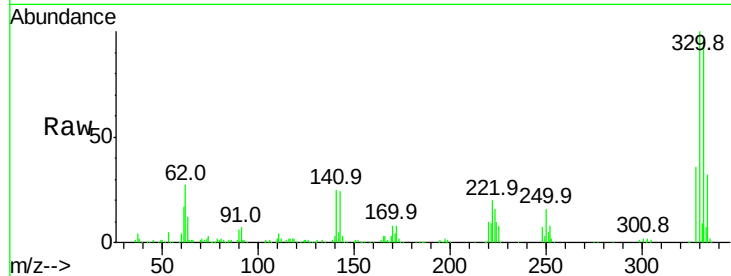




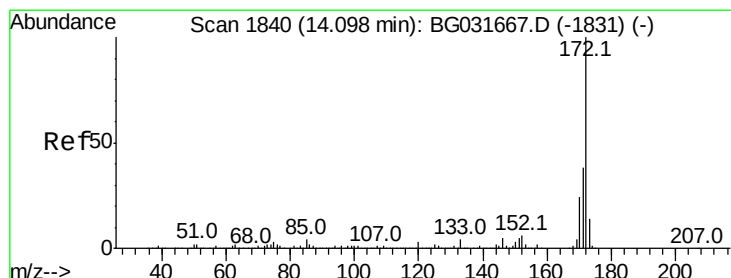
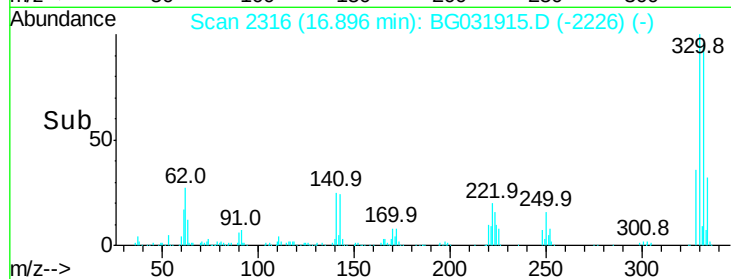
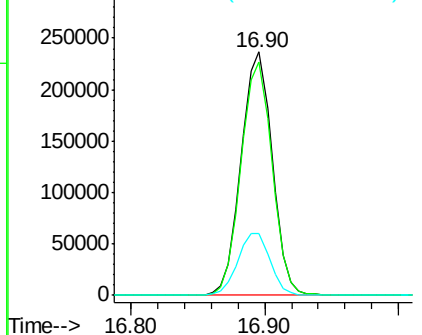
#41
 2,4,6-Tribromophenol
 Concen: 171.289 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105473BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.4	25.2	37.8

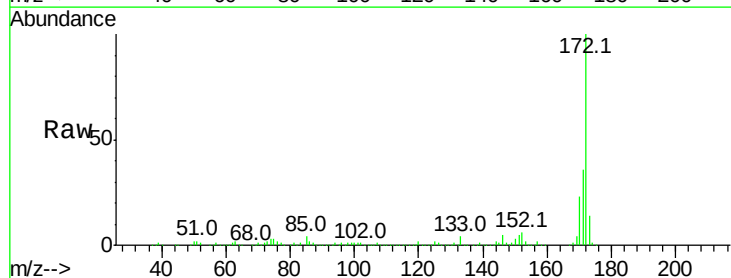


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

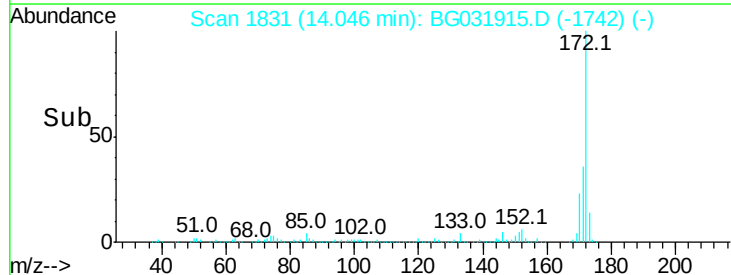
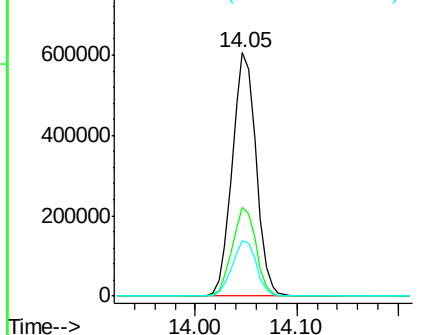


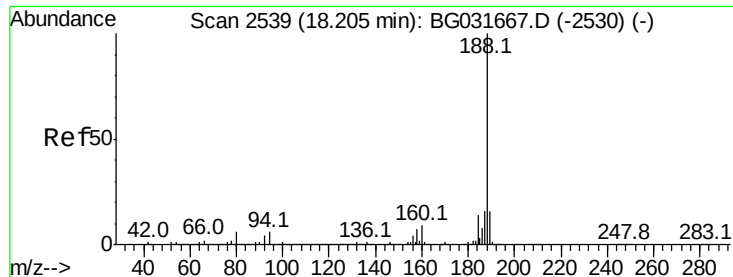
#44
 2-Fluorobiphenyl
 Concen: 84.711 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.5	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

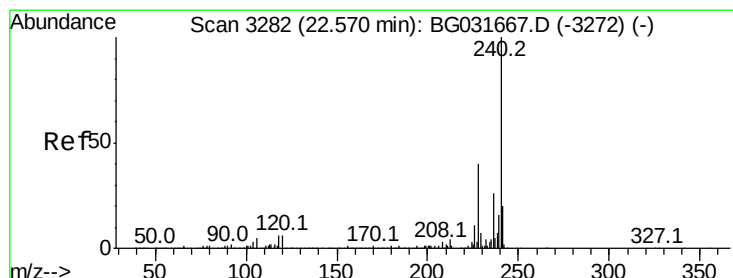
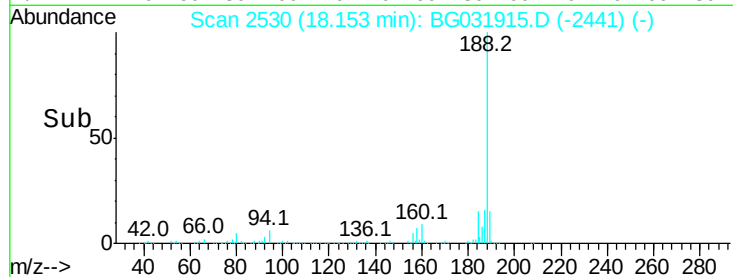
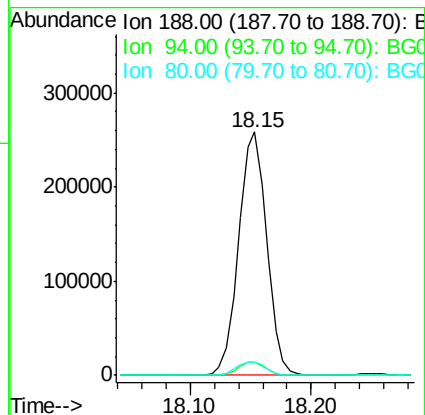
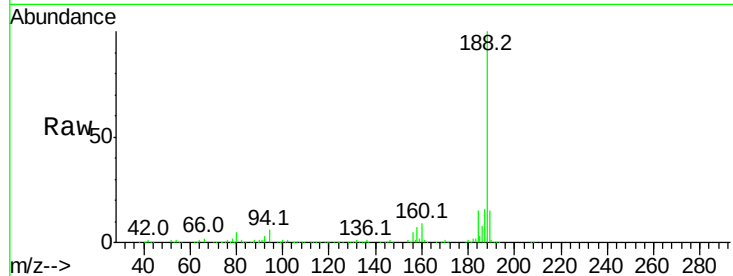




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BG031915.D
Acq: 4 Jan 2018 14:58

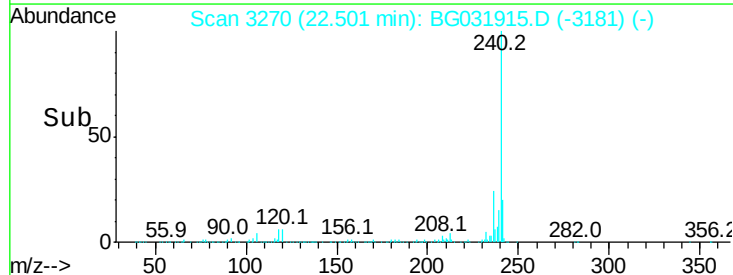
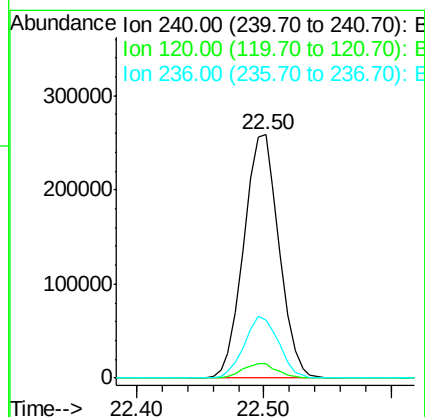
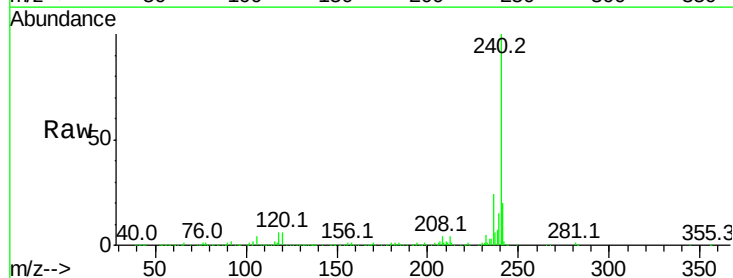
Instrument :
BNA_G
ClientSampleId :
PB105473BL

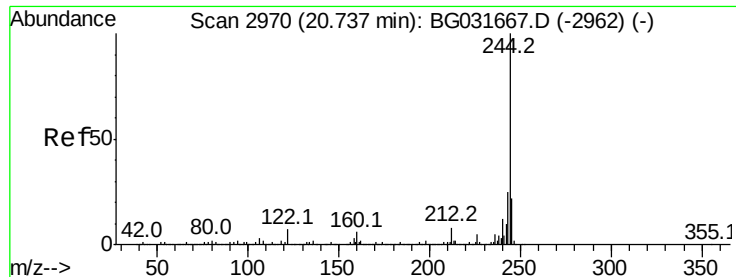
Tot Ion:188 Resp: 419100
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 5.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.50 min Scan# 3270
Delta R.T. -0.00 min
Lab File: BG031915.D
Acq: 4 Jan 2018 14:58

Tgt Ion:240 Resp: 500362
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 24.1 20.9 31.3





#78

Terphenyl-d14

Concen: 89.570 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Instrument :

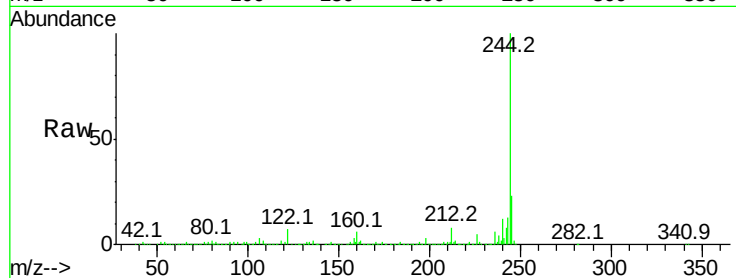
BNA_G

ClientSampleId :

PB105473BL

Tot Ion:244 Resp: 1961674

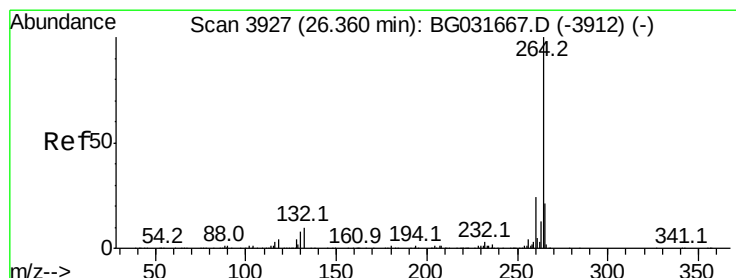
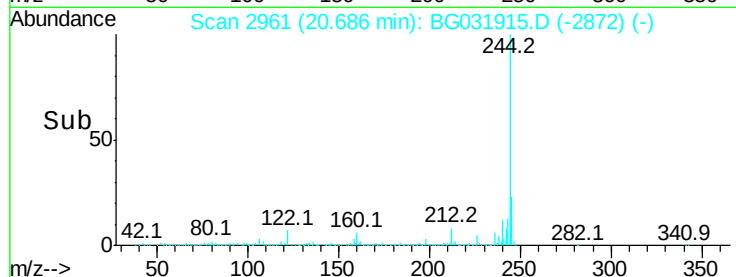
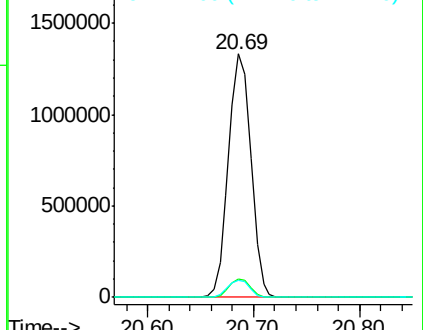
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.2	7.0	10.4



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: 26.24 min Scan# 3907

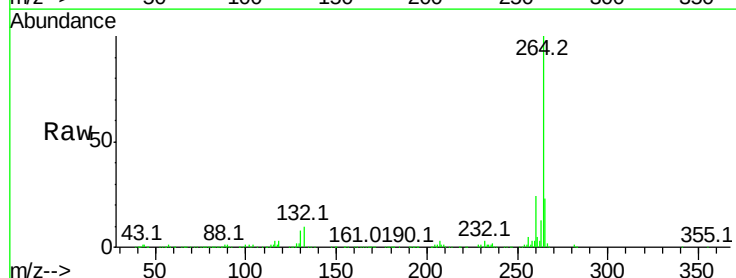
Delta R.T. -0.01 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Tgt Ion:264 Resp: 483403

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.7	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

