

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032368.D
 Acq On : 27 Jan 2018 23:21
 Operator : SJ/JU
 Sample : J1009-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-012518-B

Quant Time: Jan 28 00:31:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34928	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	133802	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	85059	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	243582	20.00	ng	0.00
75) Chrysene-d12	22.42	240	293045	20.00	ng	0.00
86) Perylene-d12	26.10	264	203081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	239984	125.66	ng	0.00
7) Phenol-d6	7.84	99	264838	110.11	ng	0.00
23) Nitrobenzene-d5	9.92	82	203610	102.95	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	238824	169.68	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	701299	102.23	ng	0.00
78) Terphenyl-d14	20.63	244	1476520	111.25	ng	0.00

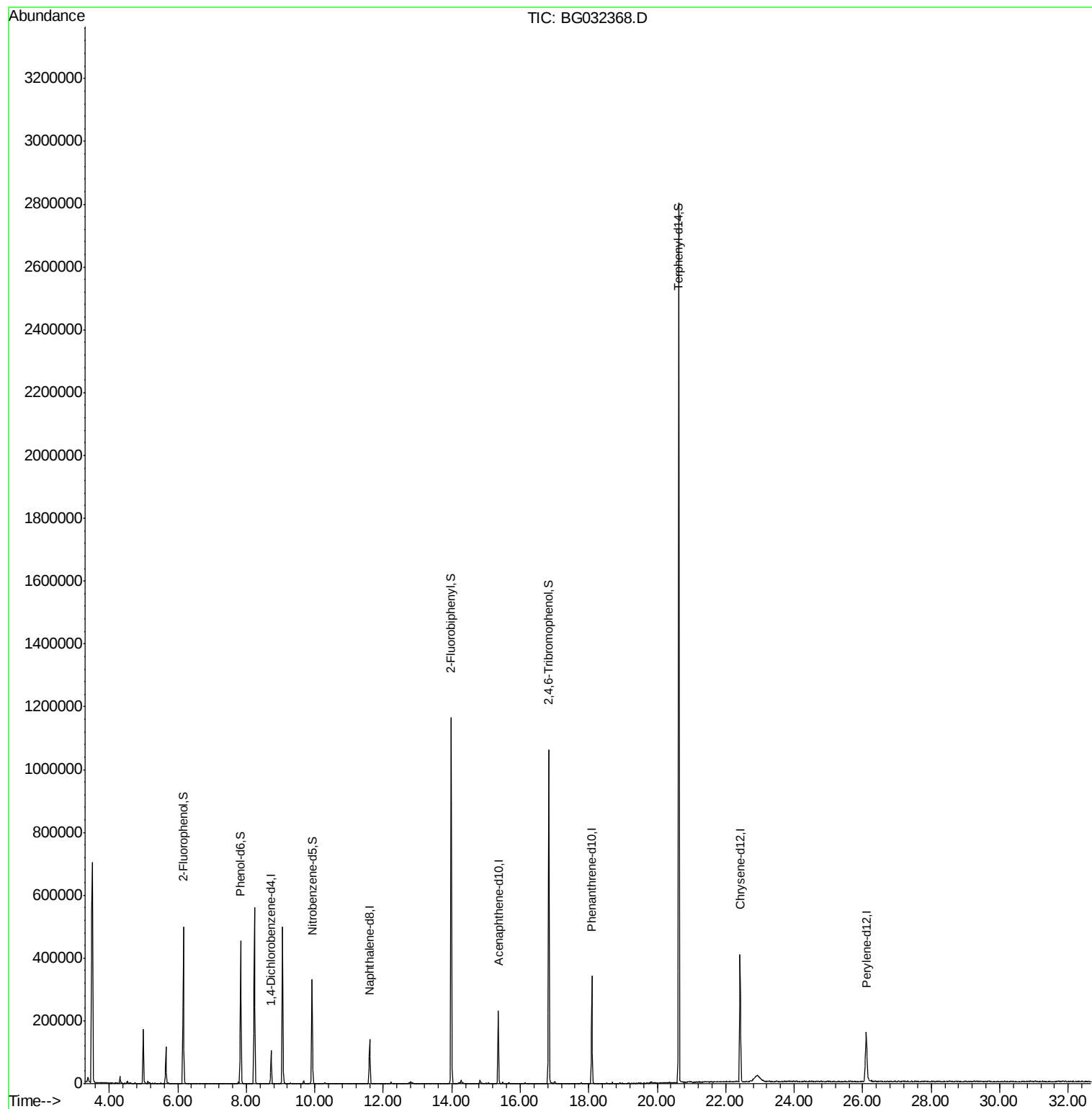
Target Compounds Qvalue

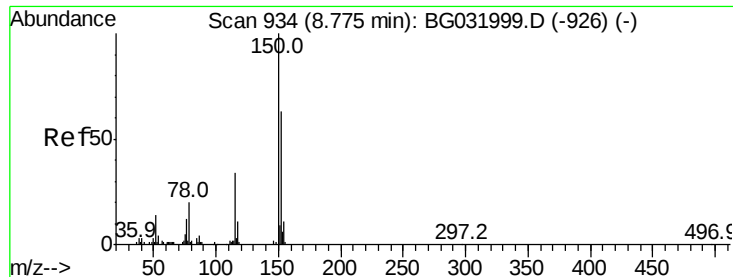
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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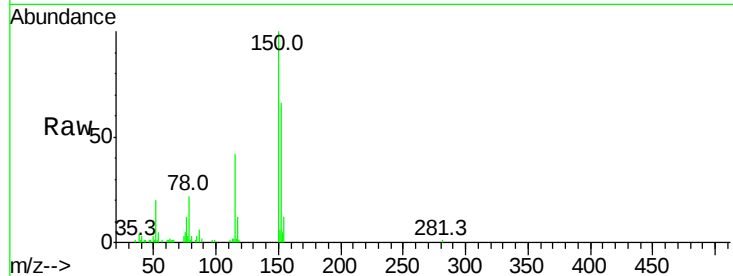


#1

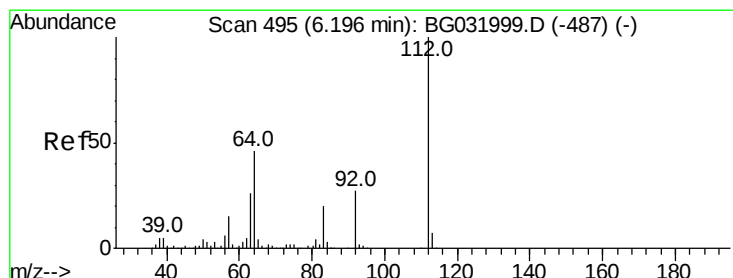
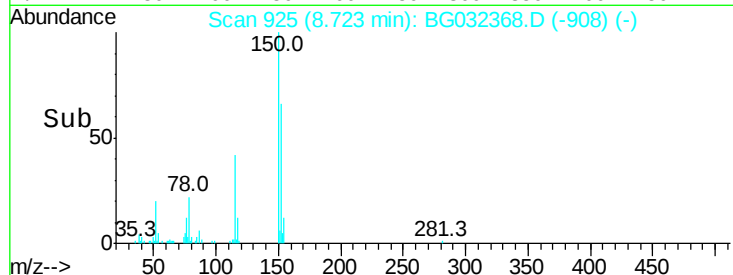
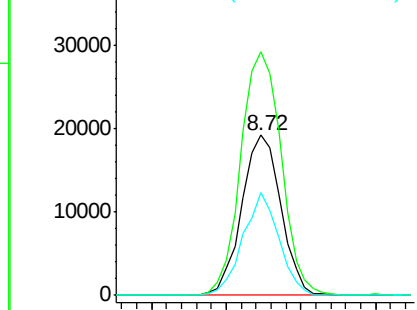
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032368.D
Acq: 27 Jan 2018 23:21

Instrument :
BNA_G
ClientSampleId :
AU-06-012518-B

Tot Ion:152 Resp: 34928
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 64.5 53.0 79.4



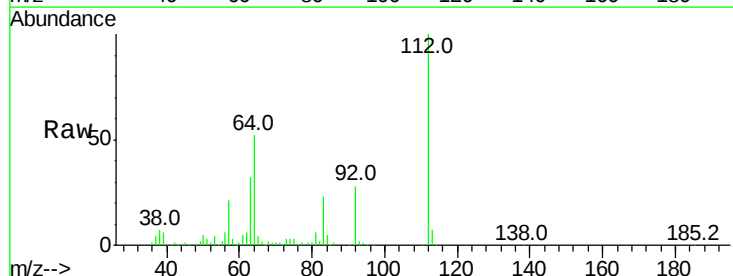
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



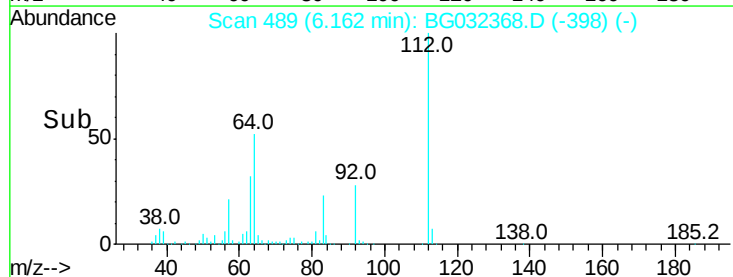
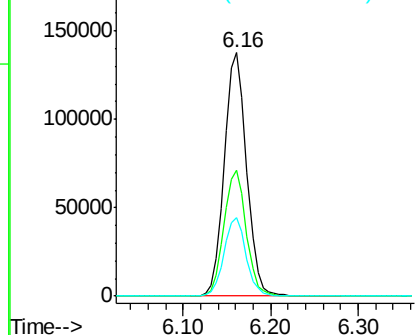
#5

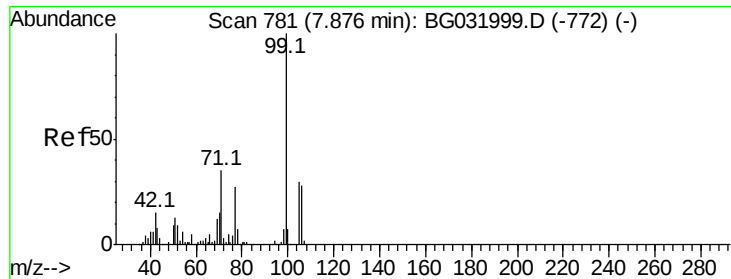
2-Fluorophenol
Concen: 125.663 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032368.D
Acq: 27 Jan 2018 23:21

Tgt Ion:112 Resp: 239984
Ion Ratio Lower Upper
112 100
64 51.6 56.3 84.5#
63 32.2 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: 110.110 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032368.D

Acq: 27 Jan 2018 23:21

Instrument :

BNA_G

ClientSampleId :

AU-06-012518-B

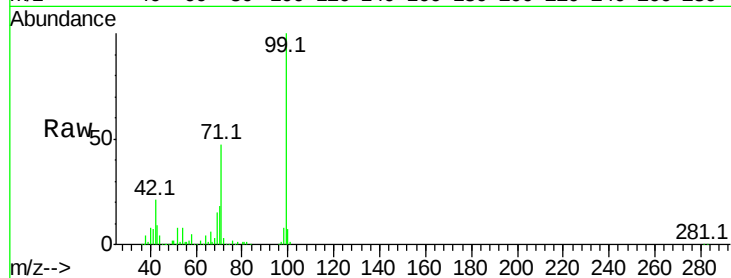
Tot Ion: 99 Resp: 264838

Ion Ratio Lower Upper

99 100

42 20.7 14.1 21.1

71 46.8 26.1 39.1#

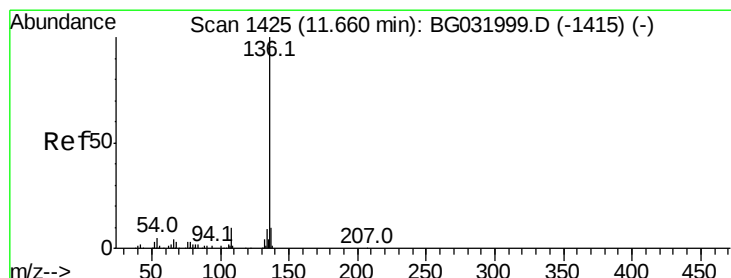
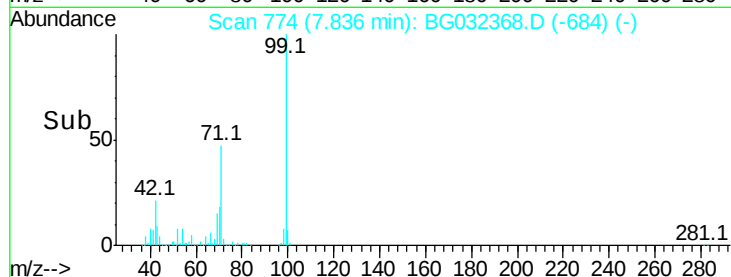
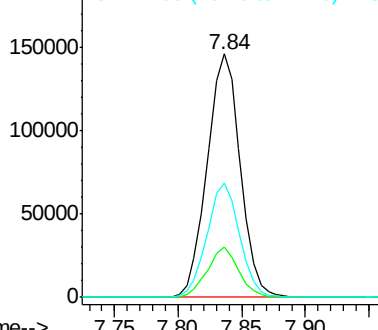


Abundance

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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032368.D

Acq: 27 Jan 2018 23:21

Tgt Ion: 136 Resp: 133802

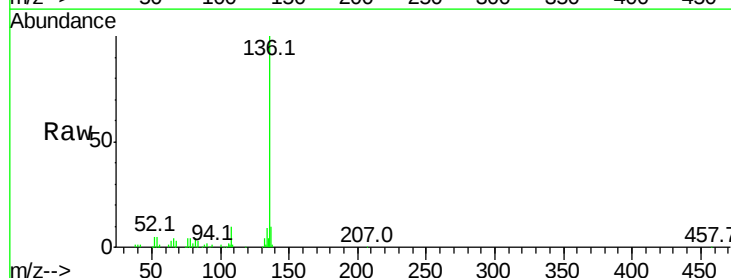
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 4.7 10.3 15.5#

68 2.7 4.5 6.7#



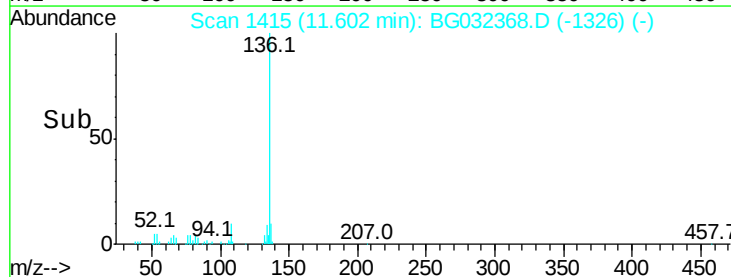
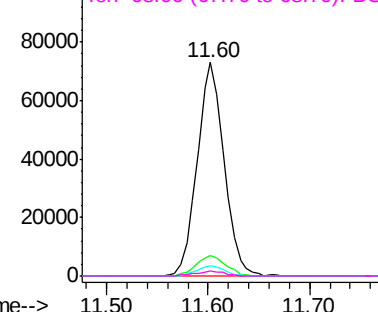
Abundance

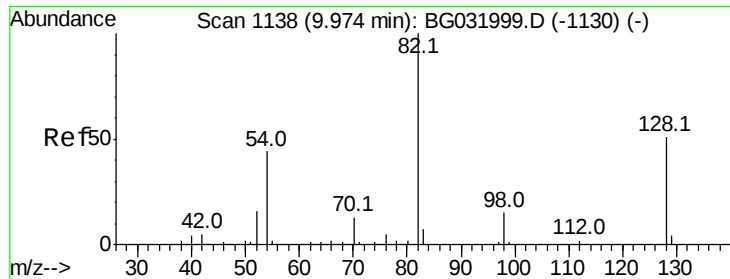
Ion 136.00 (135.70 to 136.70): BGC

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

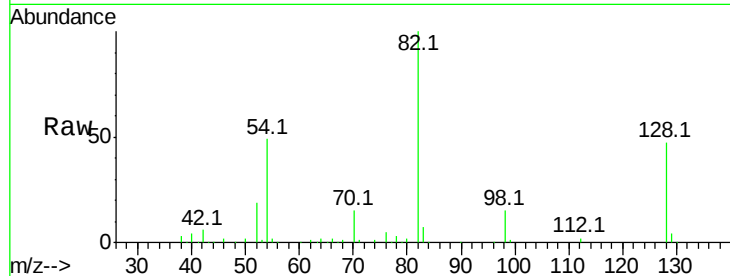




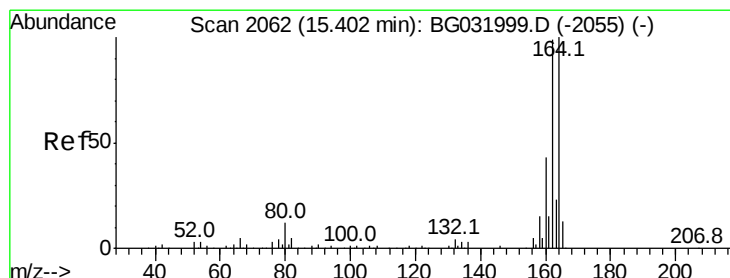
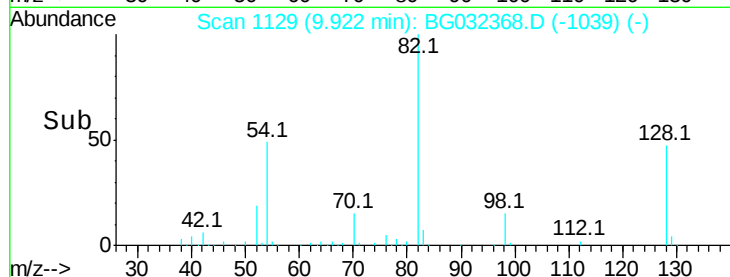
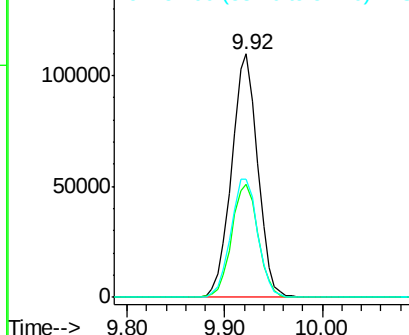
#23
 Nitrobenzene-d5
 Concen: 102.951 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032368.D
 Acq: 27 Jan 2018 23:21

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-012518-B

Tot Ion: 82 Resp: 203610
 Ion Ratio Lower Upper
 82 100
 128 46.6 29.7 44.5#
 54 48.7 43.1 64.7

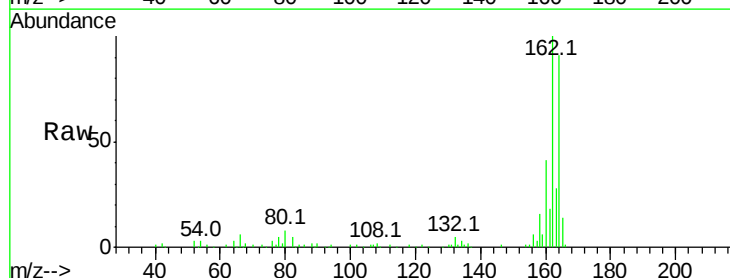


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

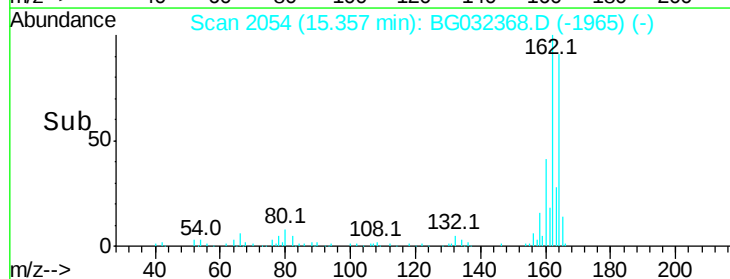
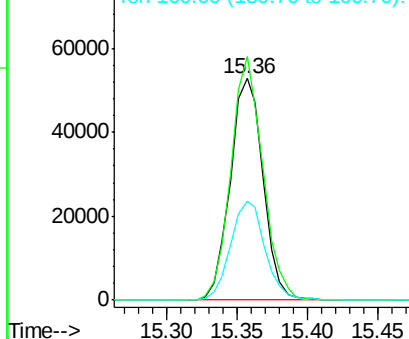


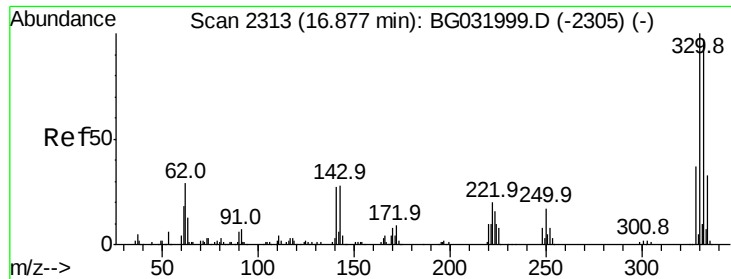
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032368.D
 Acq: 27 Jan 2018 23:21

Tgt Ion:164 Resp: 85059
 Ion Ratio Lower Upper
 164 100
 162 109.9 78.8 118.2
 160 44.6 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

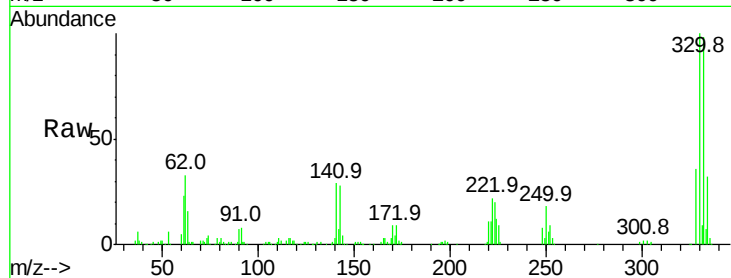




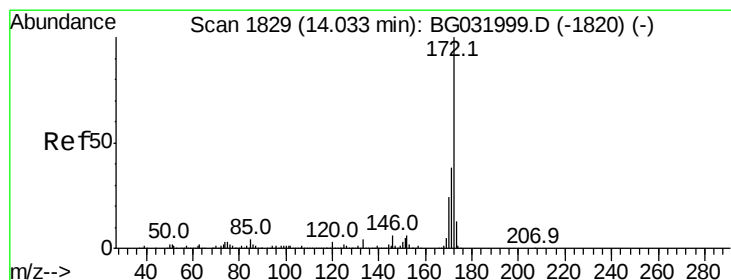
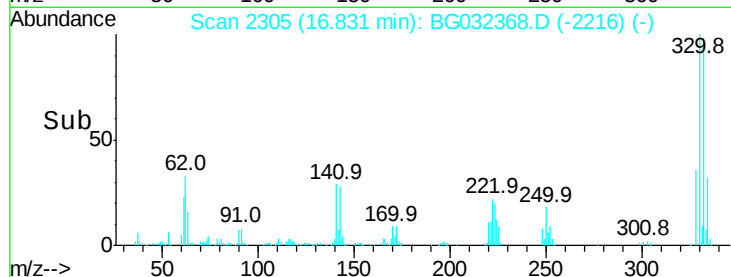
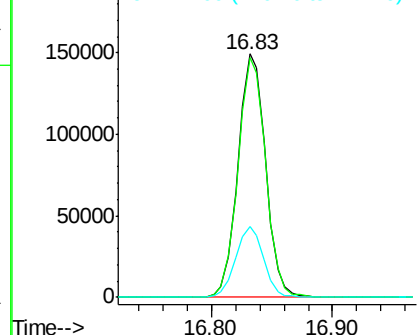
#41
 2,4,6-Tribromophenol
 Concen: 169.676 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032368.D
 Acq: 27 Jan 2018 23:21

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-012518-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	29.3	25.2	37.8

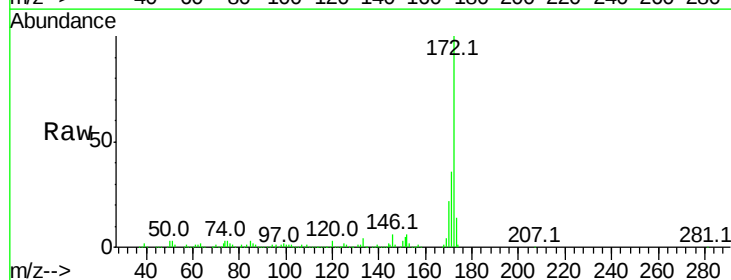


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

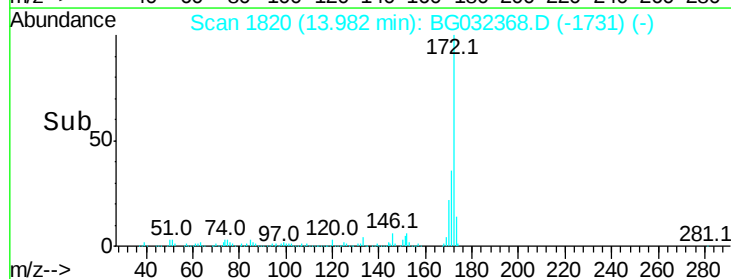
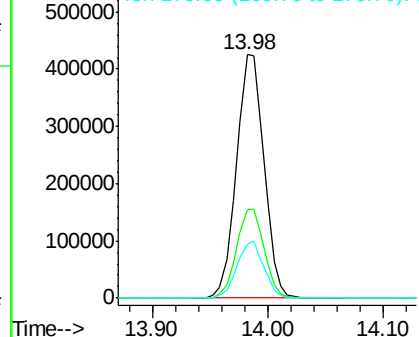


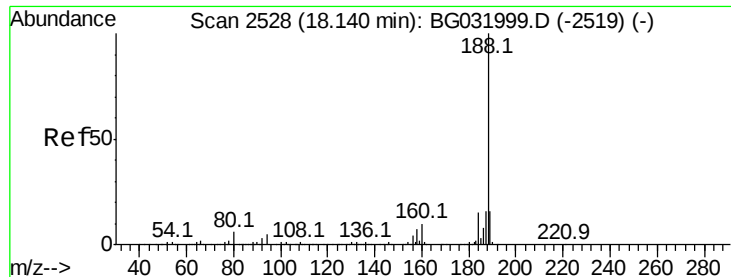
#44
 2-Fluorobiphenyl
 Concen: 102.232 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032368.D
 Acq: 27 Jan 2018 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	22.4	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: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032368.D

Acq: 27 Jan 2018 23:21

Instrument :

BNA_G

ClientSampleId :

AU-06-012518-B

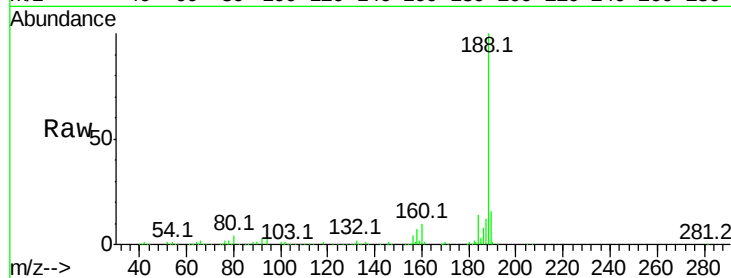
Tot Ion:188 Resp: 243582

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

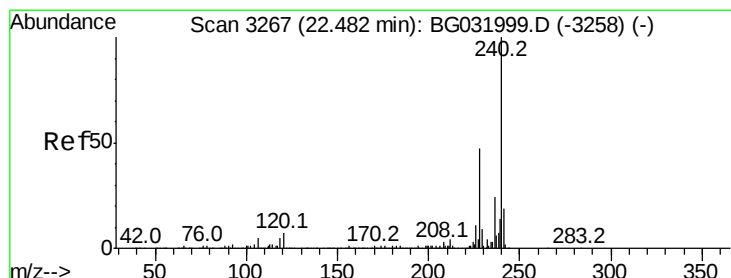
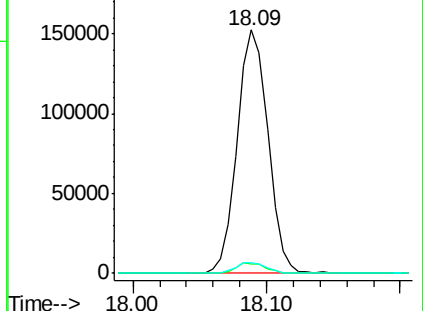
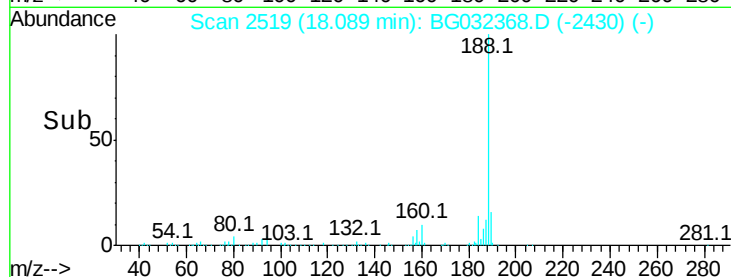
80 4.5 7.7 11.5#



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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032368.D

Acq: 27 Jan 2018 23:21

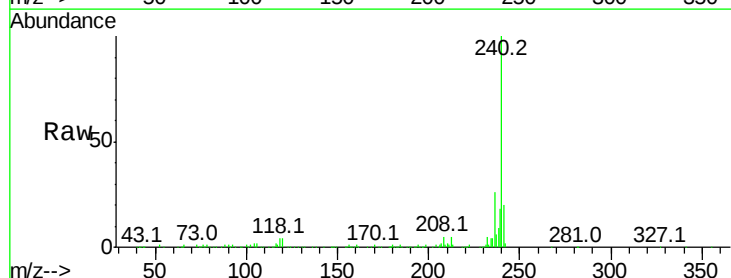
Tgt Ion:240 Resp: 293045

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

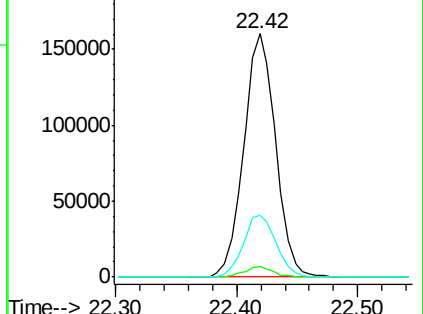
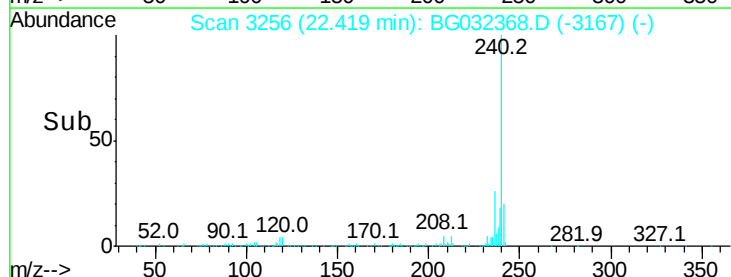
236 25.5 20.9 31.3

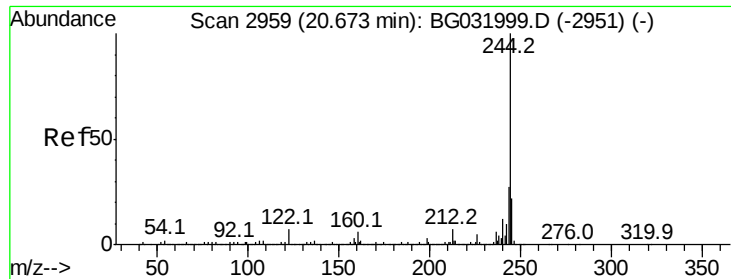


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 111.253 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032368.D

Acq: 27 Jan 2018 23:21

Instrument :

BNA_G

ClientSampleId :

AU-06-012518-B

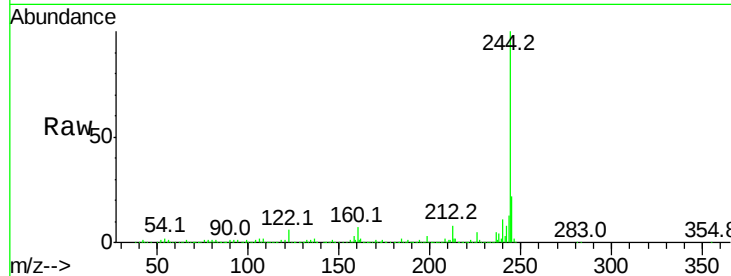
Tot Ion:244 Resp: 1476520

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

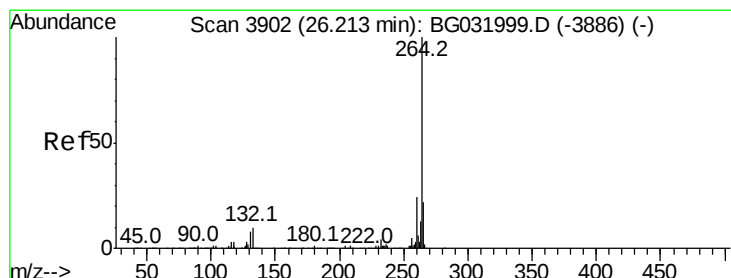
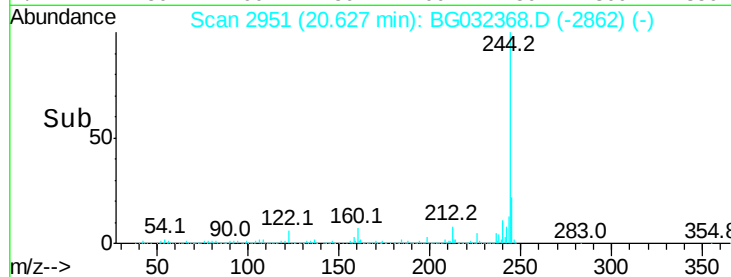
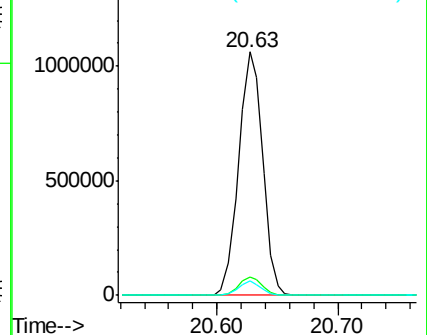
122 5.7 7.0 10.4#



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: 26.10 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BG032368.D

Acq: 27 Jan 2018 23:21

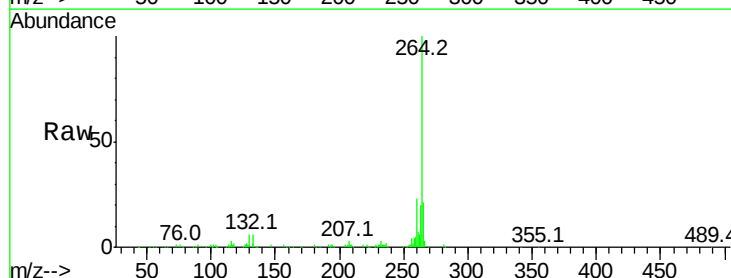
Tgt Ion:264 Resp: 203081

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.6 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

