

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032369.D
 Acq On : 27 Jan 2018 23:59
 Operator : SJ/JU
 Sample : J1009-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 28 00:34:43 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

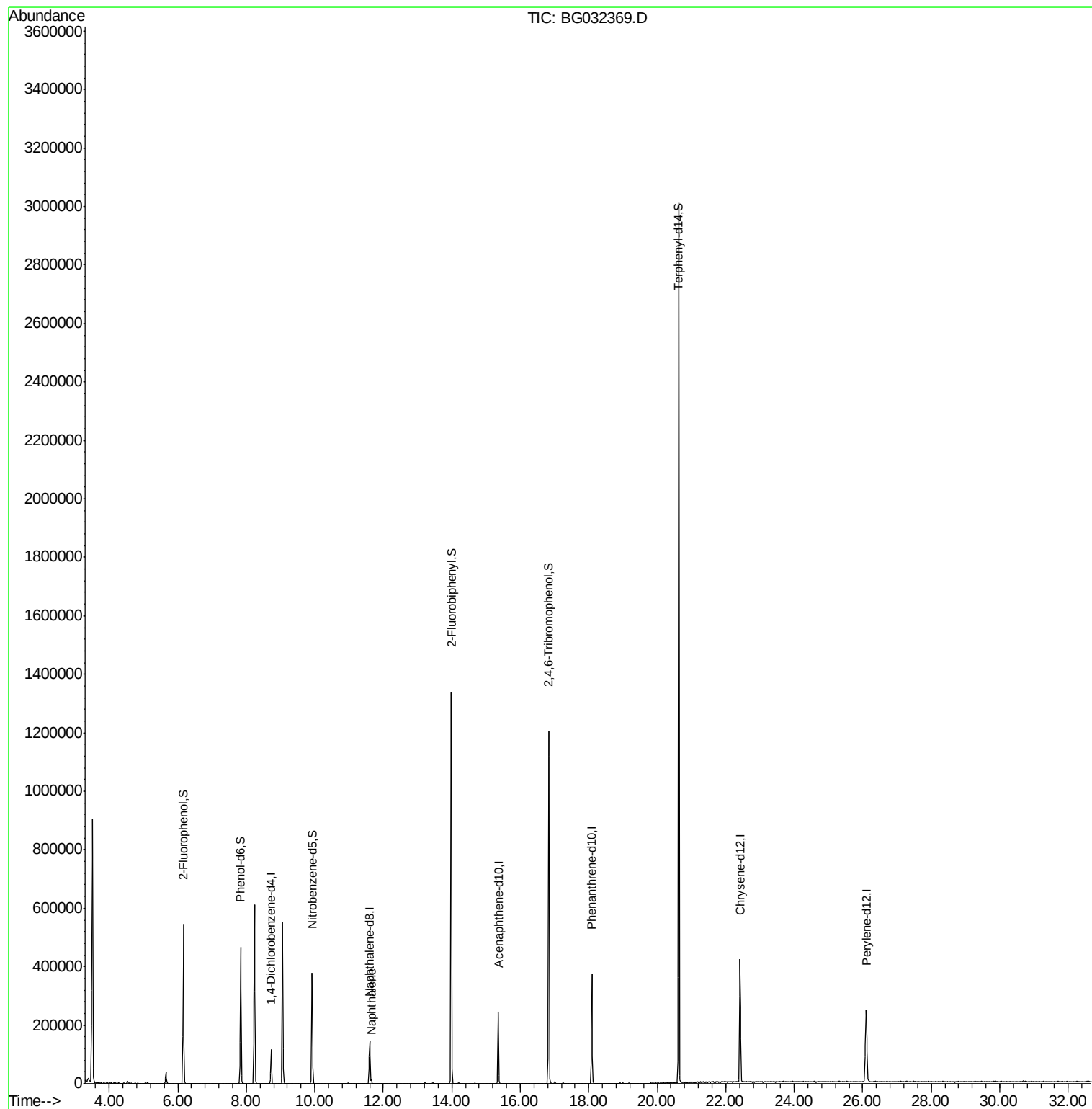
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	37841	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	138788	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	95593	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257323	20.00	ng	0.00
75) Chrysene-d12	22.42	240	330589	20.00	ng	0.00
86) Perylene-d12	26.10	264	345914	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	262159	126.71	ng	0.00
7) Phenol-d6	7.84	99	278053	106.71	ng	0.00
23) Nitrobenzene-d5	9.92	82	227242	110.77	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	280661	177.43	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	785250	101.86	ng	0.00
78) Terphenyl-d14	20.63	244	1607393	107.36	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	14642	2.130	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: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032369.D

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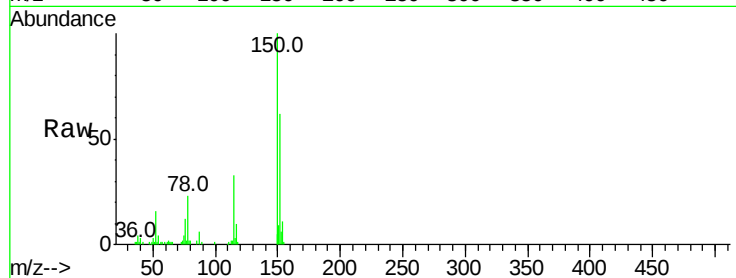
Tot Ion:152 Resp: 37841

Ion Ratio Lower Upper

152 100

150 162.0 126.6 189.8

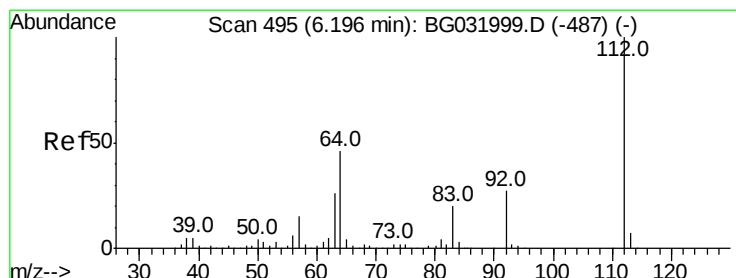
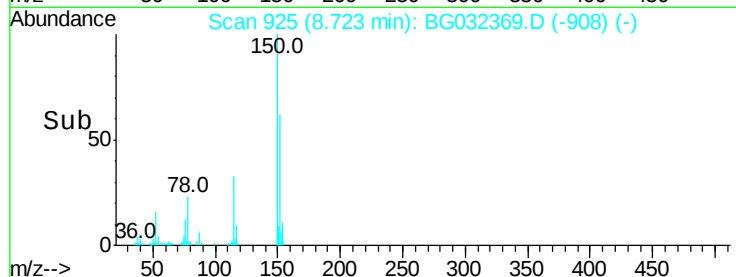
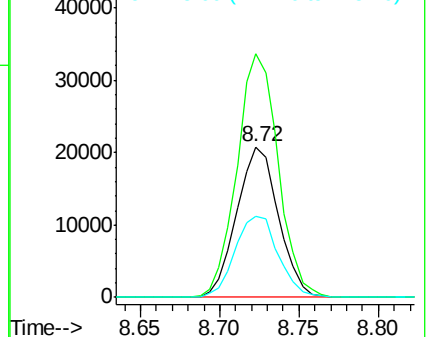
115 54.1 53.0 79.4



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: 126.707 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032369.D

Acq: 27 Jan 2018 23:59

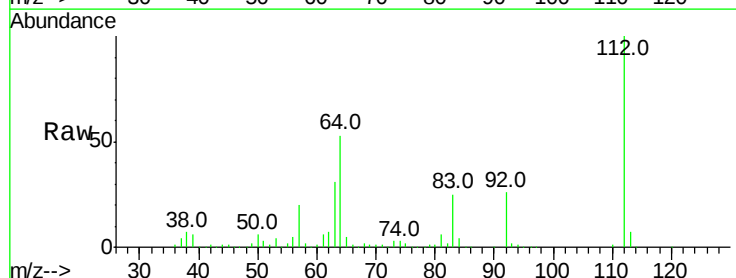
Tgt Ion:112 Resp: 262159

Ion Ratio Lower Upper

112 100

64 53.0 56.3 84.5#

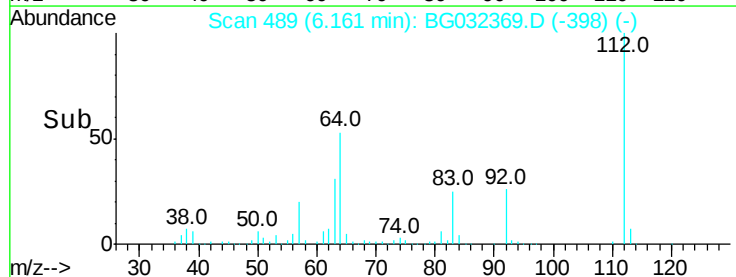
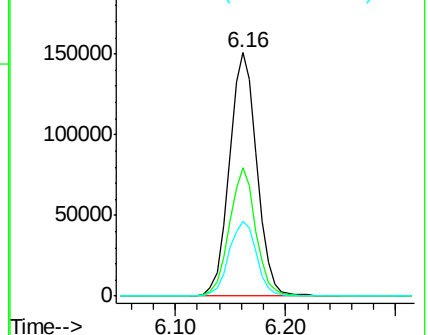
63 30.7 30.1 45.1

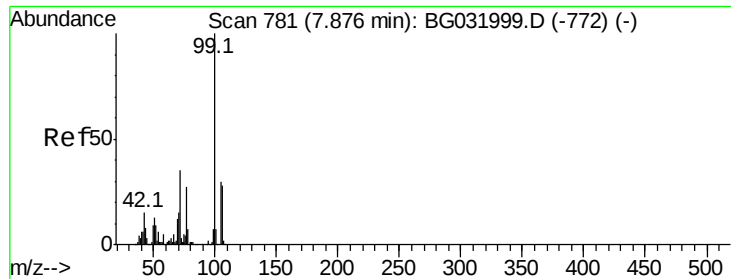


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 106.705 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032369.D

Acq: 27 Jan 2018 23:59

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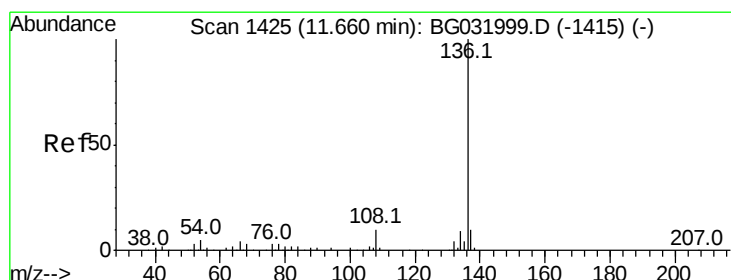
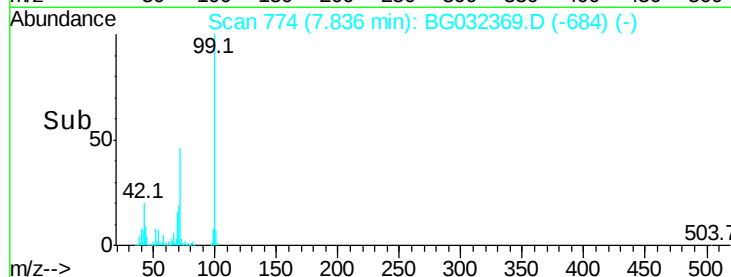
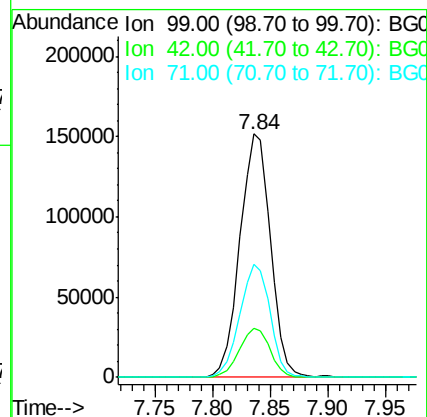
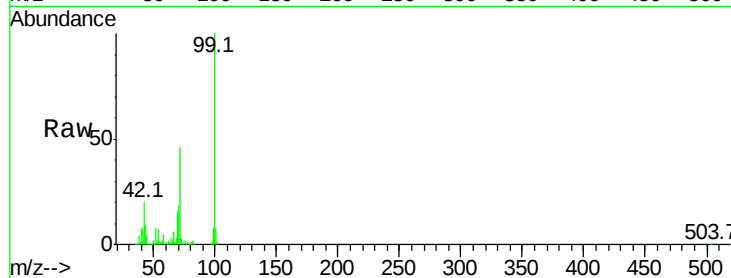
Tot Ion: 99 Resp: 278053

Ion Ratio Lower Upper

99 100

42 20.0 14.1 21.1

71 46.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032369.D

Acq: 27 Jan 2018 23:59

Tgt Ion: 136 Resp: 138788

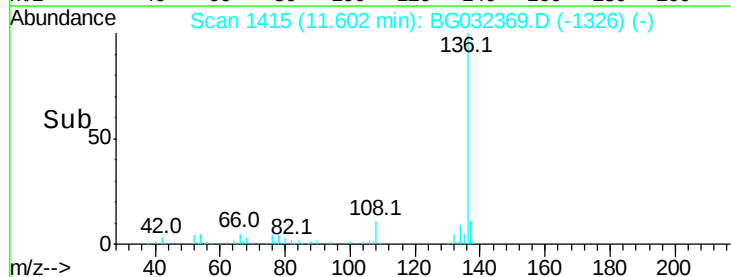
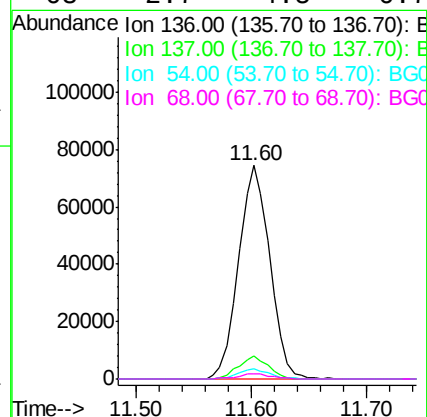
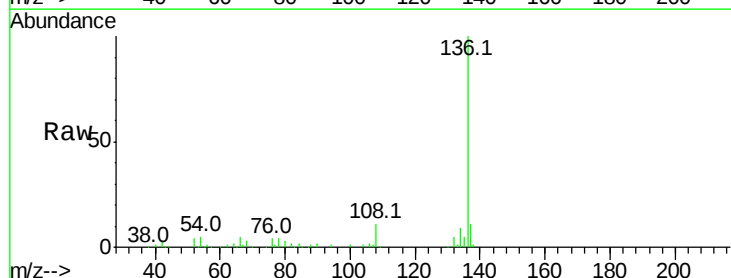
Ion Ratio Lower Upper

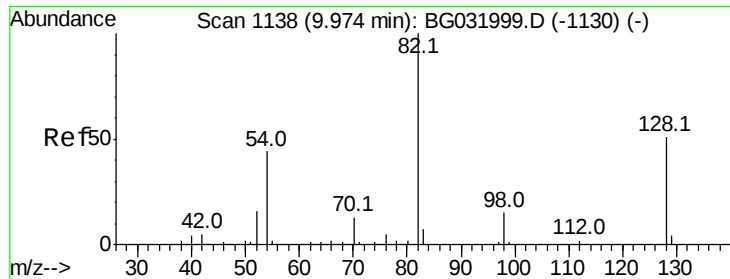
136 100

137 10.9 9.2 13.8

54 4.8 10.3 15.5#

68 2.7 4.5 6.7#

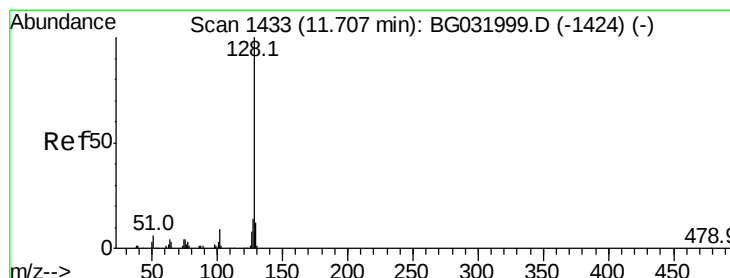
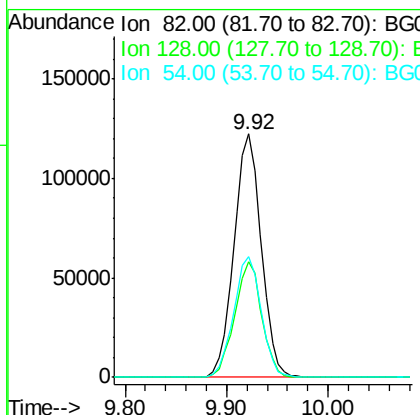
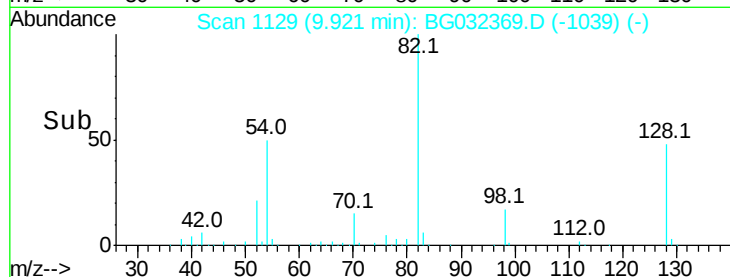
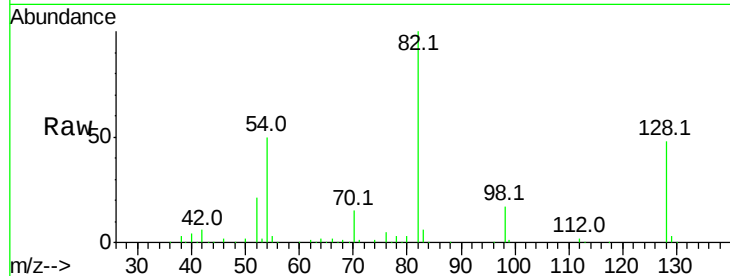




#23
Nitrobenzene-d5
Concen: 110.772 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032369.D
Acq: 27 Jan 2018 23:59

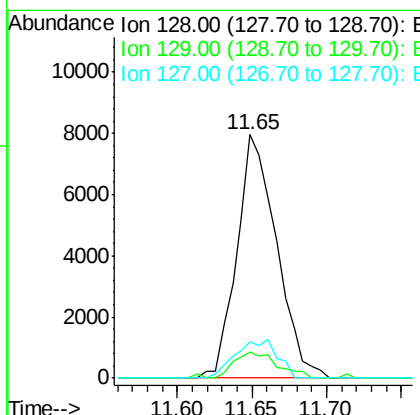
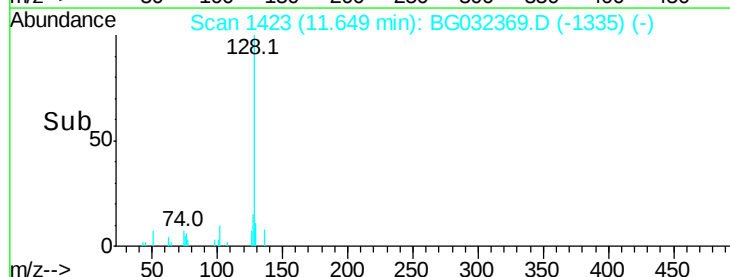
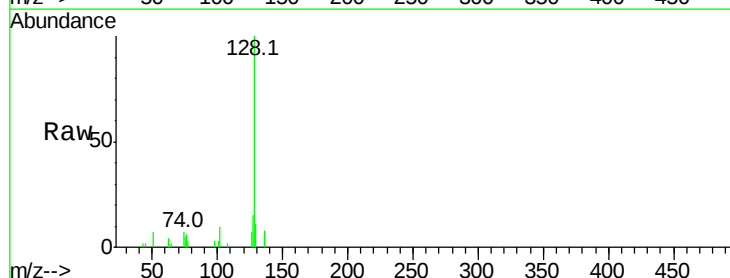
Instrument :
BNA_G
ClientSampleId :
AU-06-012518-C

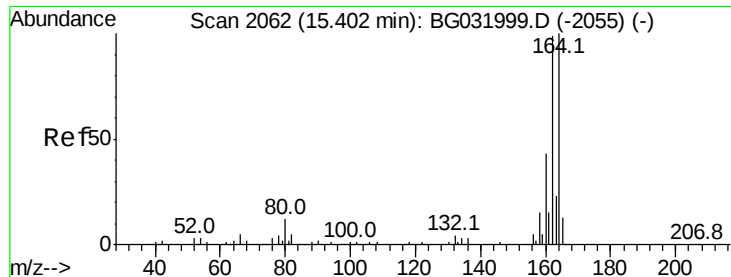
Tot Ion: 82 Resp: 227242
Ion Ratio Lower Upper
82 100
128 47.5 29.7 44.5#
54 49.7 43.1 64.7



#31
Naphthalene
Concen: 2.130 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032369.D
Acq: 27 Jan 2018 23:59

Tgt Ion: 128 Resp: 14642
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 14.9 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032369.D

Acq: 27 Jan 2018 23:59

Instrument :

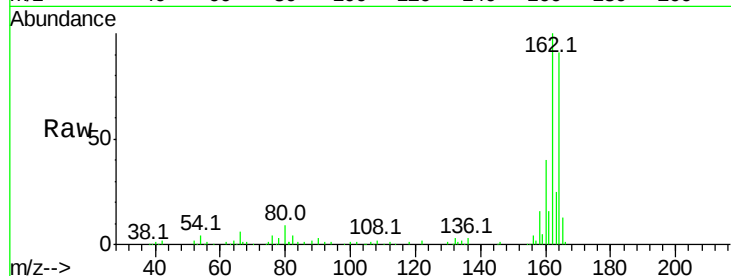
BNA_G

ClientSampleId :

AU-06-012518-C

Tot Ion:164 Resp: 95593

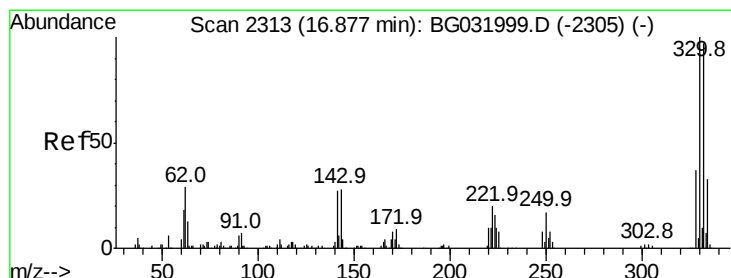
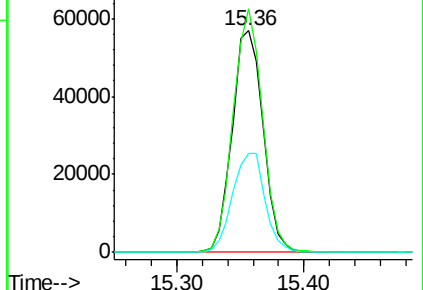
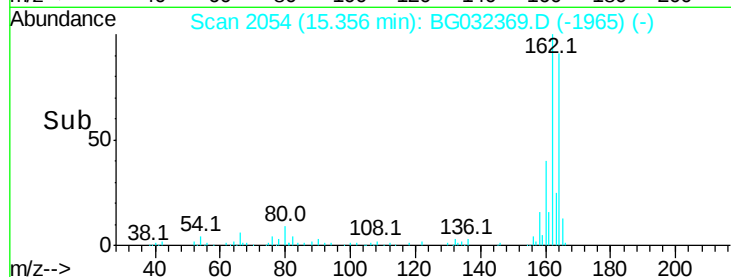
Ion	Ratio	Lower	Upper
164	100		
162	110.0	78.8	118.2
160	44.5	35.4	53.0



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: 177.427 ng

RT: 16.83 min Scan# 2305

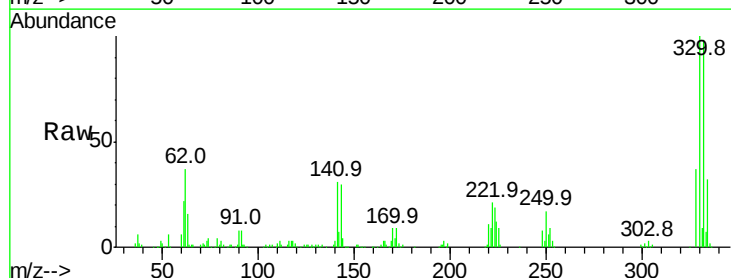
Delta R.T. -0.01 min

Lab File: BG032369.D

Acq: 27 Jan 2018 23:59

Tgt Ion:330 Resp: 280661

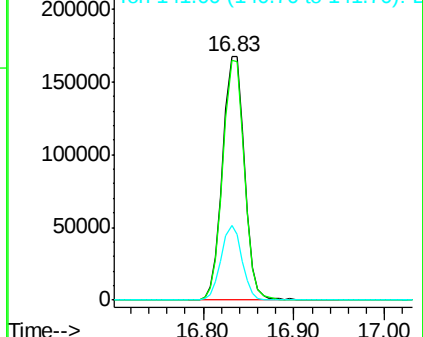
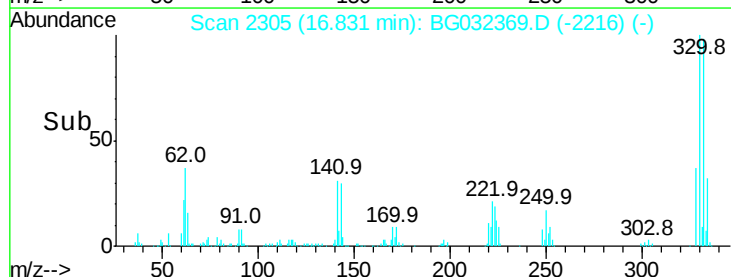
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.2	25.2	37.8

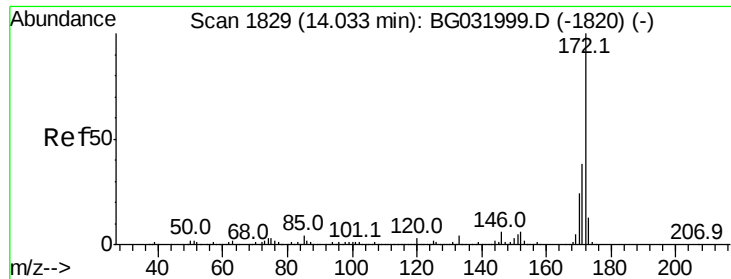


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

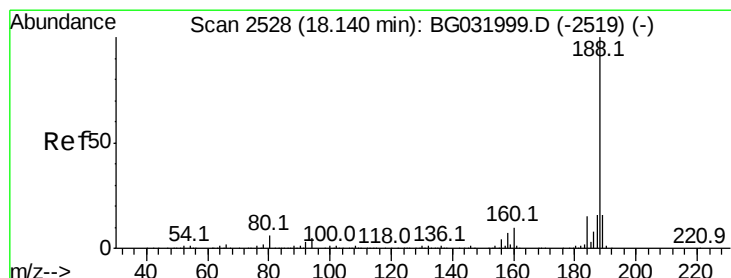
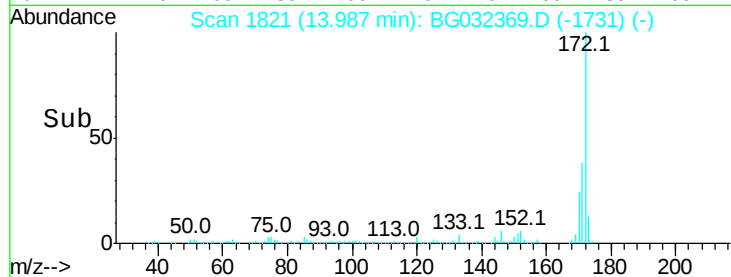
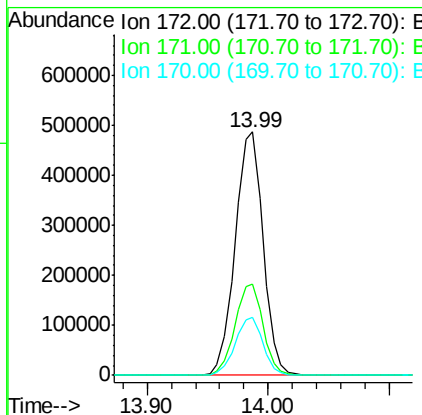
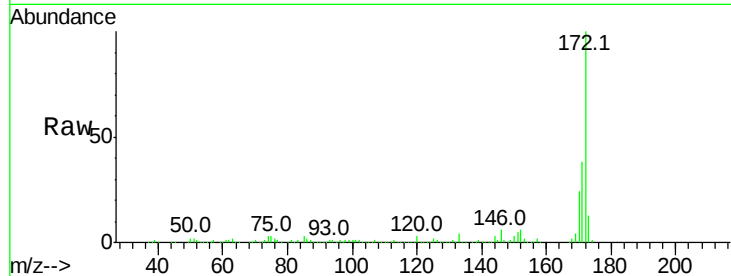




#44
 2-Fluorobiphenyl
 Concen: 101.856 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032369.D
 Acq: 27 Jan 2018 23:59

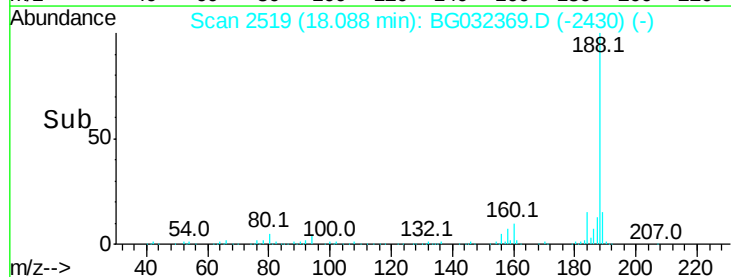
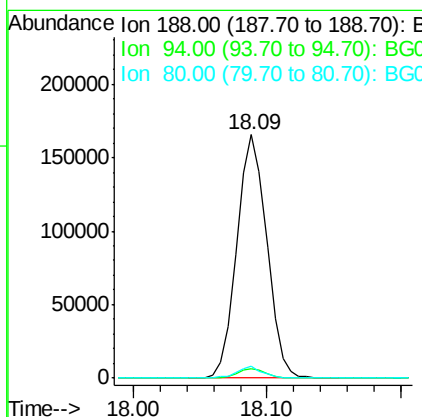
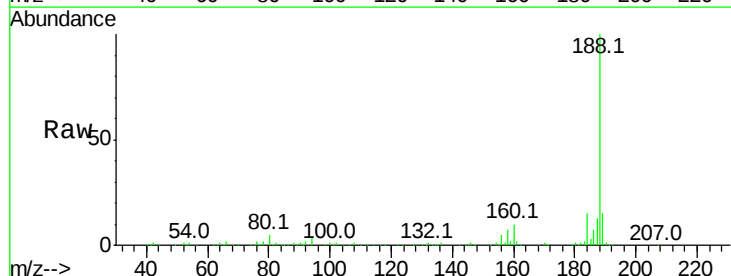
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-012518-C

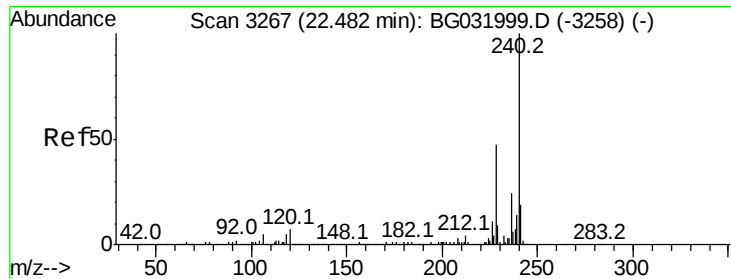
Tot Ion:172 Resp: 785250
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG032369.D
 Acq: 27 Jan 2018 23:59

Tgt Ion:188 Resp: 257323
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 4.9 7.7 11.5#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032369.D

Acq: 27 Jan 2018 23:59

Instrument :

BNA_G

ClientSampleId :

AU-06-012518-C

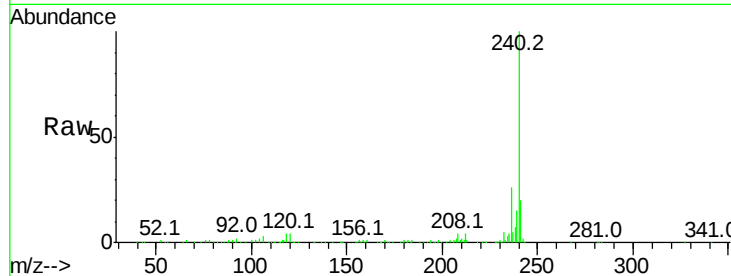
Tot Ion:240 Resp: 330589

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

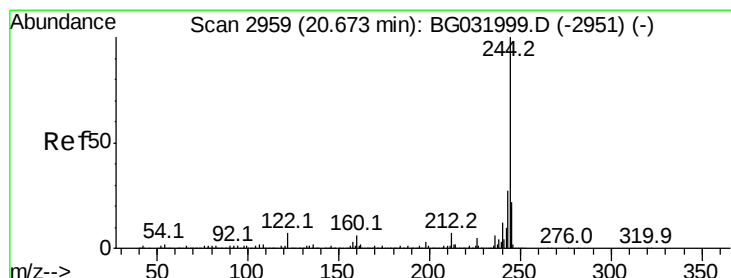
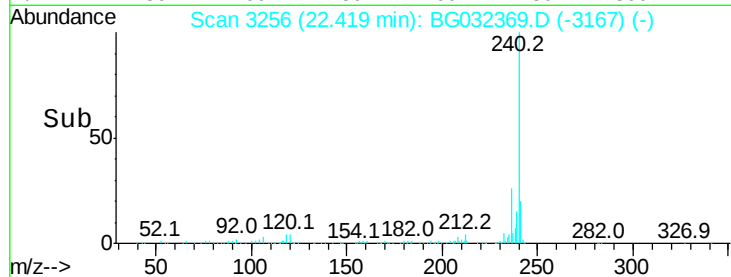
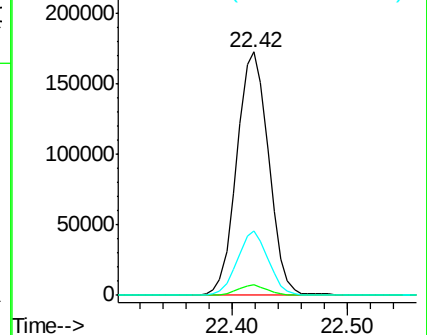
236 26.4 20.9 31.3



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: 107.360 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032369.D

Acq: 27 Jan 2018 23:59

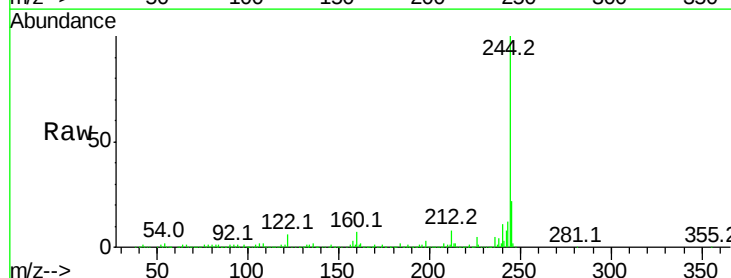
Tgt Ion:244 Resp: 1607393

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

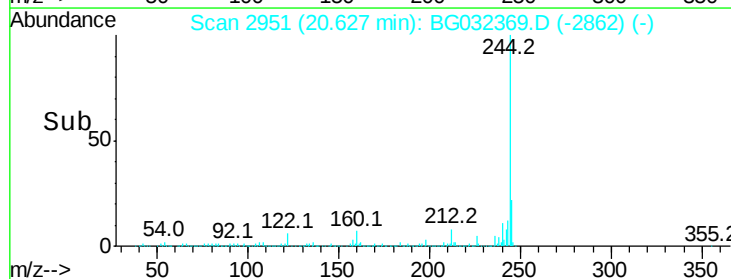
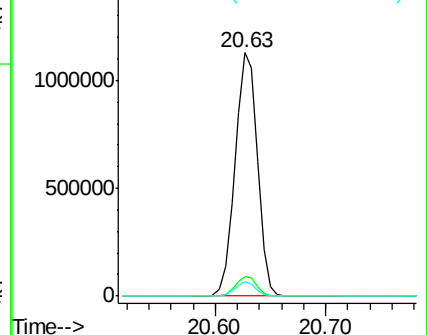
122 6.0 7.0 10.4#

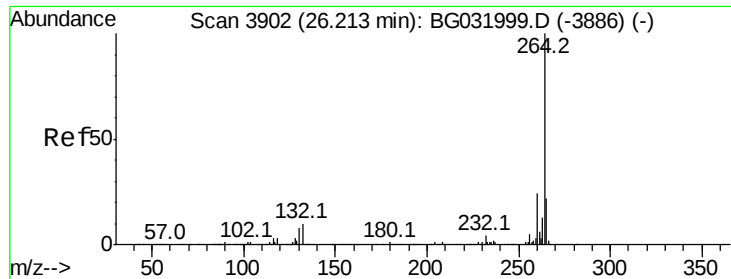


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032369.D
 Acq: 27 Jan 2018 23:59

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

Tot Ion:264 Resp: 345914
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.4 26.0
 265 20.5 17.7 26.5

