

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031339.D
 Acq On : 2 Dec 2017 5:07
 Operator : SJ/JU
 Sample : I6641-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Dec 02 05:49:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

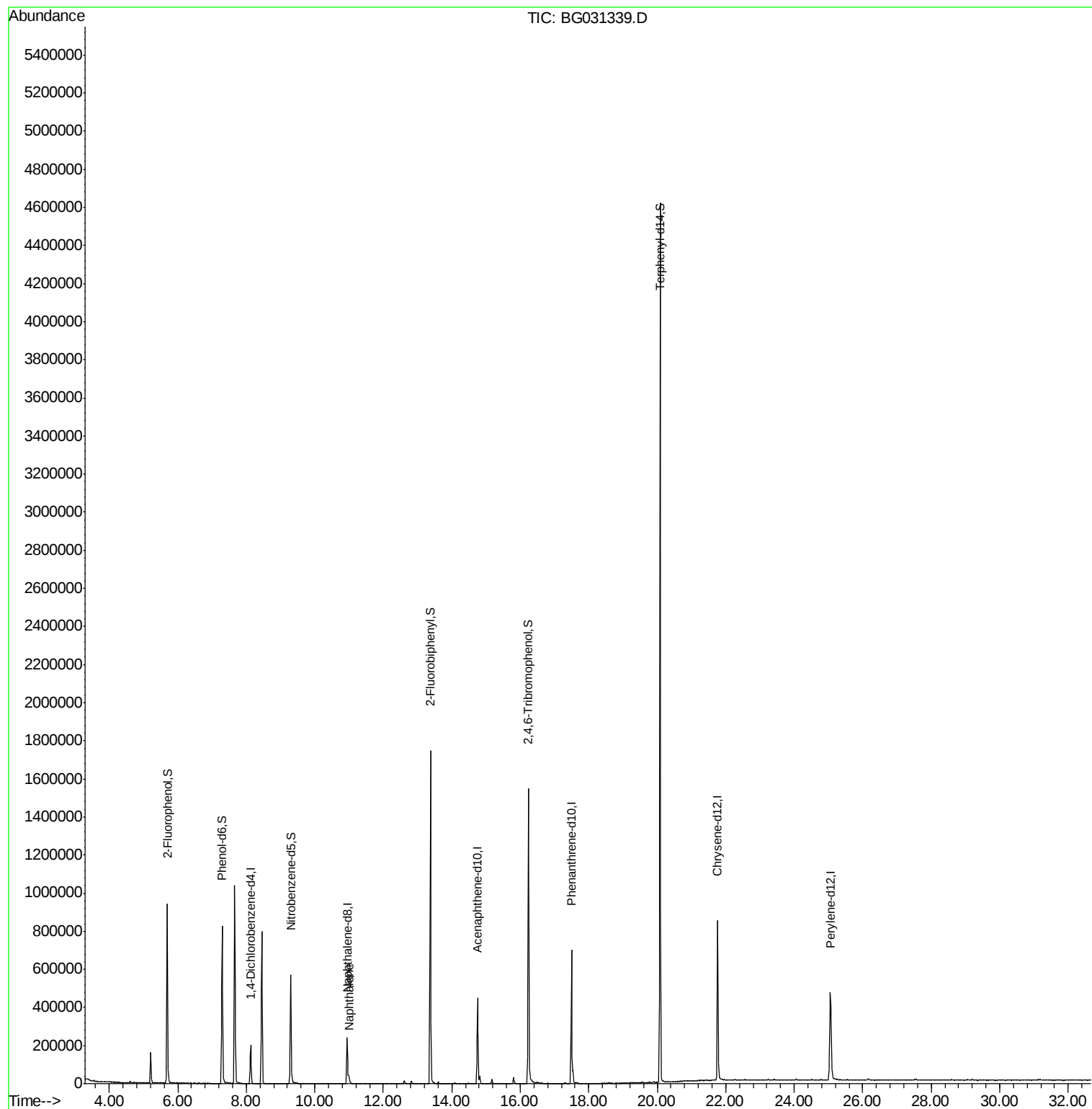
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64990	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	270696	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	177076	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	497133	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	588286	20.00	ng	-0.02
86) Perylene-d12	25.06	264	573946	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	486575	128.38	ng	-0.02
7) Phenol-d6	7.29	99	547847	107.29	ng	-0.01
23) Nitrobenzene-d5	9.30	82	398901	87.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	347389	121.27	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1080051	87.64	ng	-0.02
78) Terphenyl-d14	20.08	244	2295127	86.15	ng	-0.02
Target Compounds						
31) Naphthalene	11.00	128	37093	2.79	ng	Qvalue 98

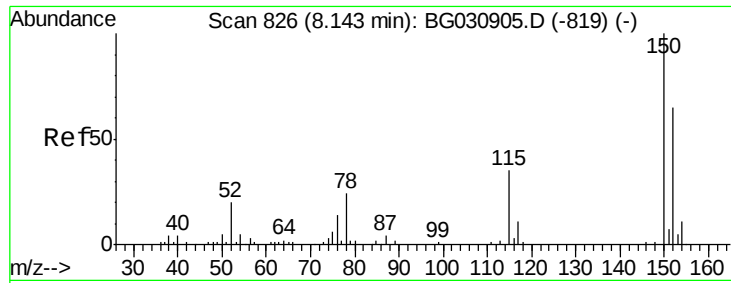
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

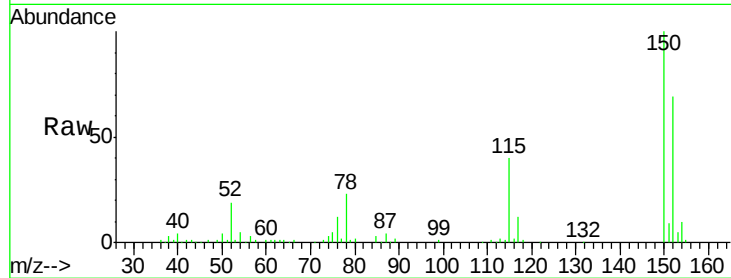
Tot Ion:152 Resp: 64990

Ion Ratio Lower Upper

152 100

150 145.9 126.6 189.8

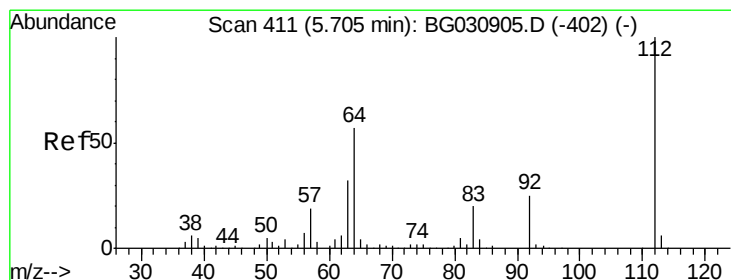
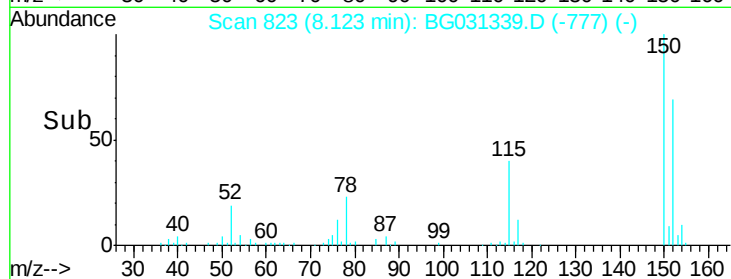
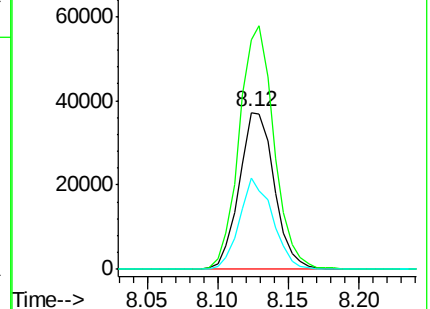
115 58.4 53.0 79.4



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: 128.38 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

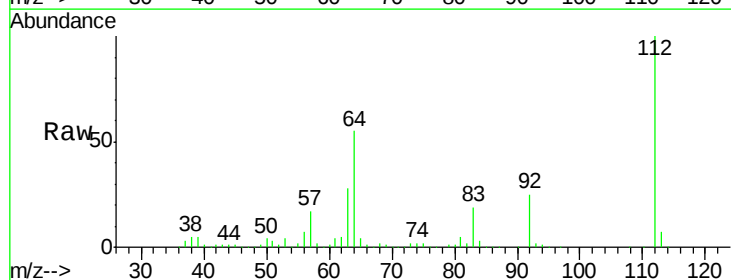
Tgt Ion:112 Resp: 486575

Ion Ratio Lower Upper

112 100

64 55.3 56.3 84.5#

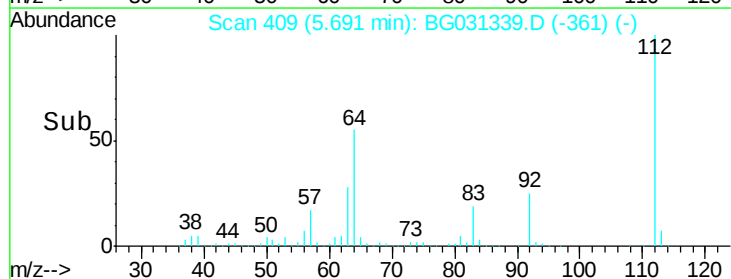
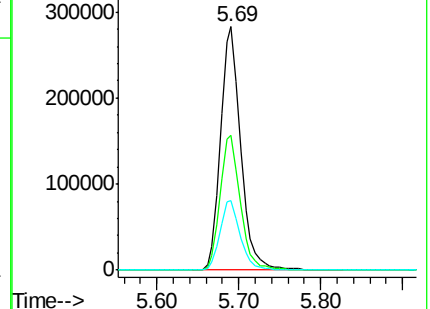
63 28.4 30.1 45.1#

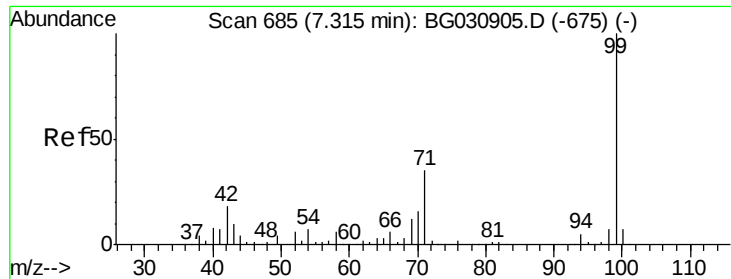


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.29 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

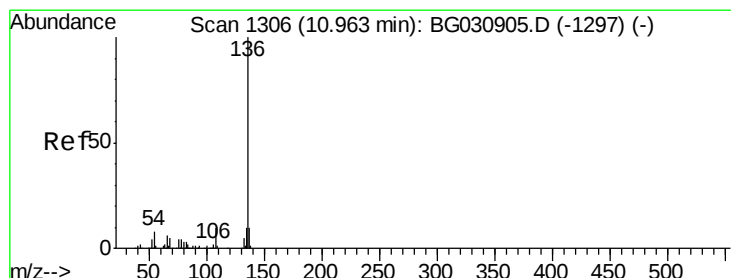
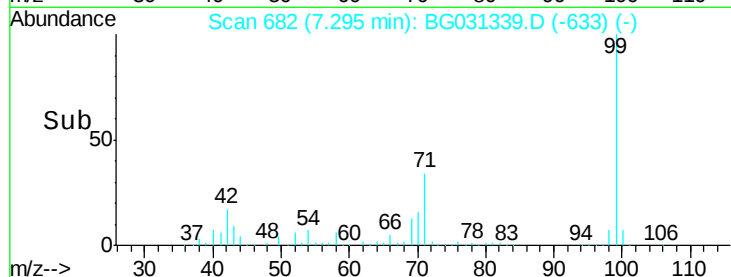
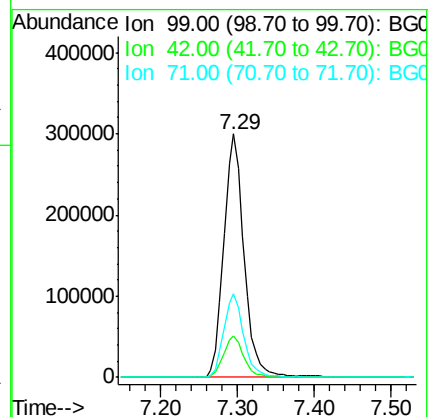
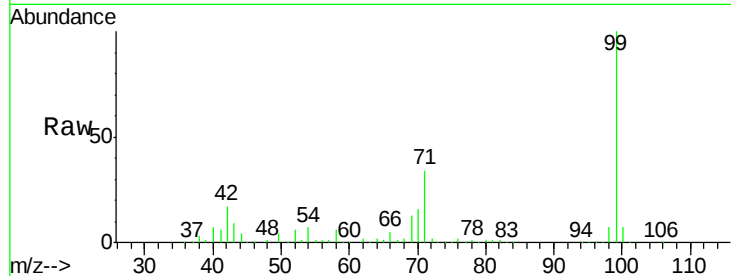
Tot Ion: 99 Resp: 547847

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 34.1 26.1 39.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Tgt Ion: 136 Resp: 270696

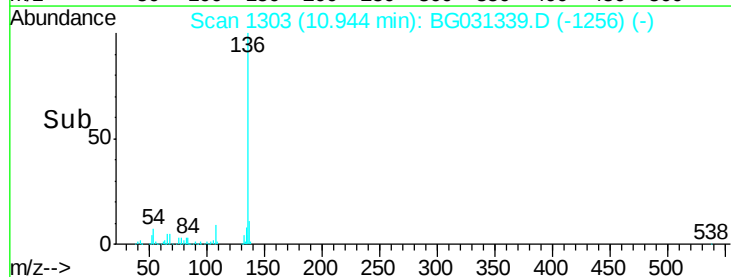
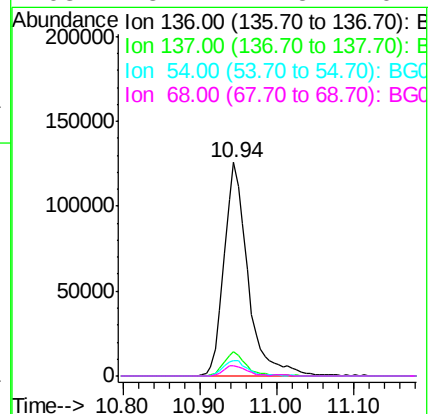
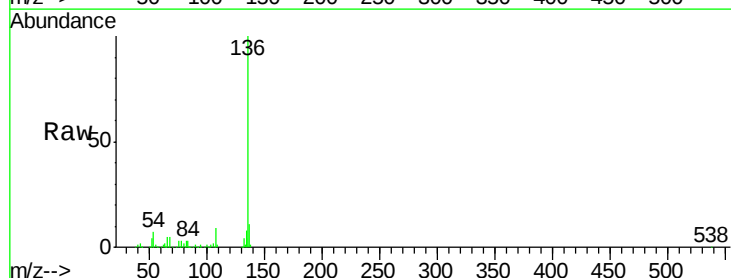
Ion Ratio Lower Upper

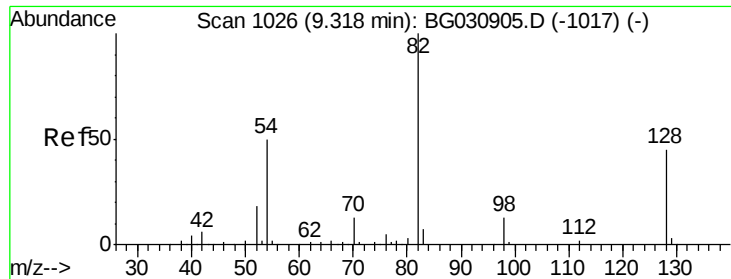
136 100

137 11.1 9.2 13.8

54 7.2 10.3 15.5#

68 5.1 4.5 6.7

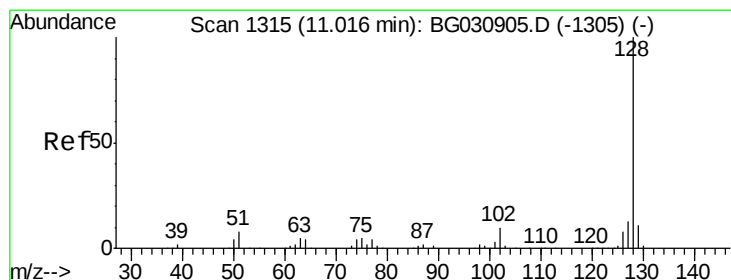
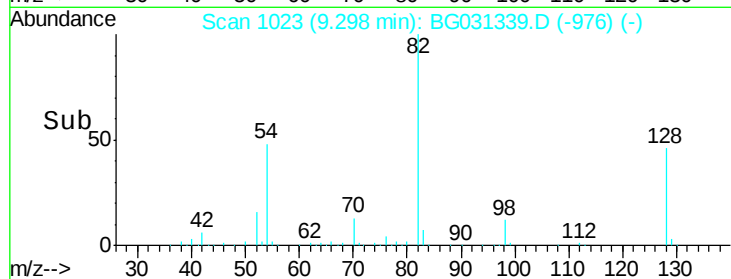
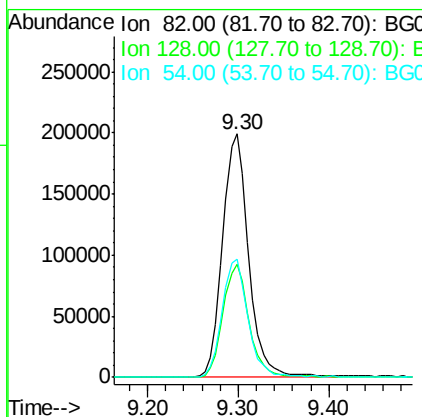
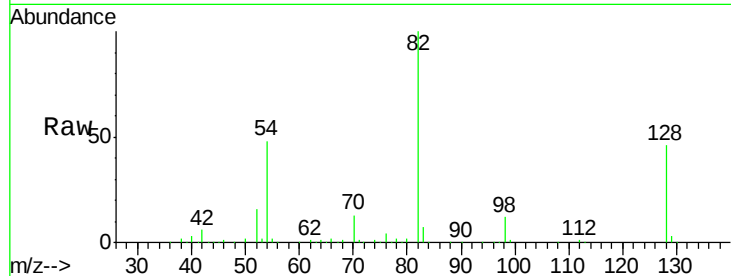




#23
Nitrobenzene-d5
Concen: 87.32 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031339.D
Acq: 2 Dec 2017 5:07

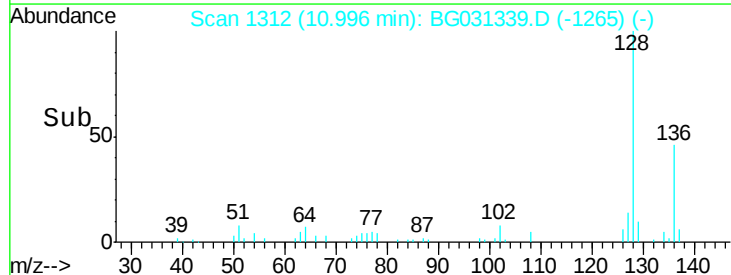
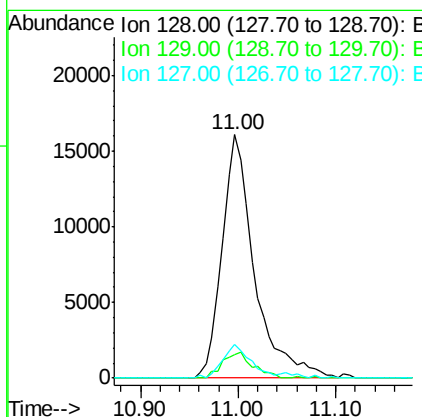
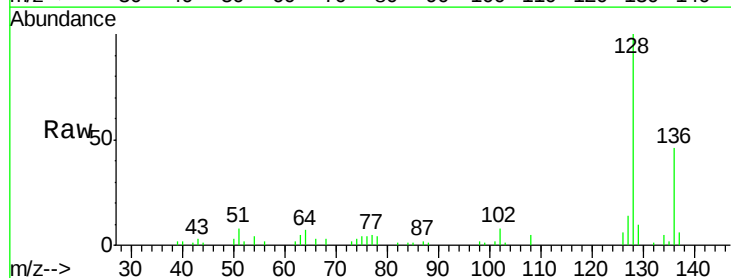
Instrument :
BNA_G
ClientSampleId :
TP-3

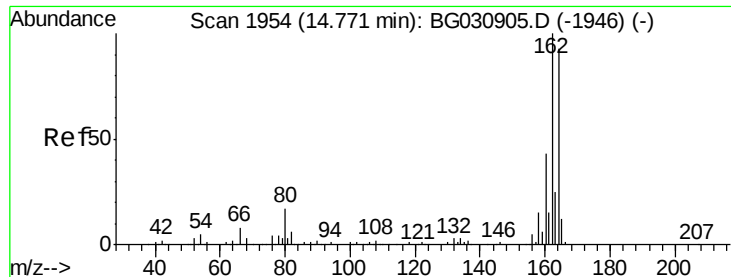
Tot Ion: 82 Resp: 398901
Ion Ratio Lower Upper
82 100
128 46.2 29.7 44.5#
54 48.3 43.1 64.7



#31
Naphthalene
Concen: 2.79 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031339.D
Acq: 2 Dec 2017 5:07

Tgt Ion: 128 Resp: 37093
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 14.1 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

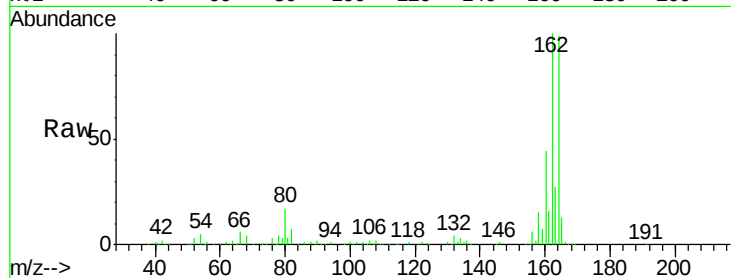
Tot Ion:164 Resp: 177076

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

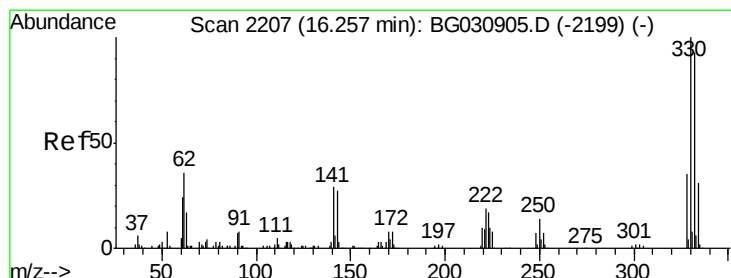
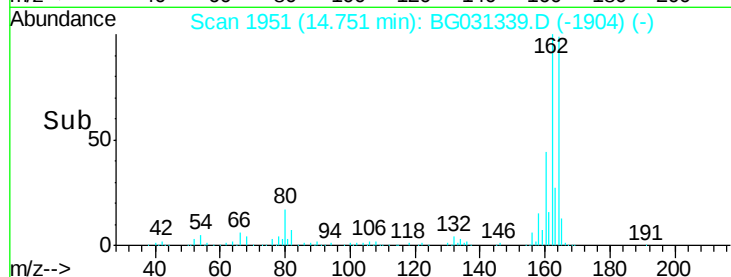
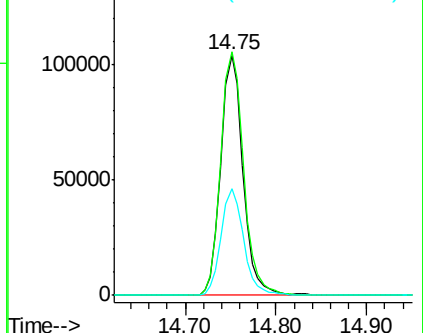
160 44.3 35.4 53.0



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: 121.27 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

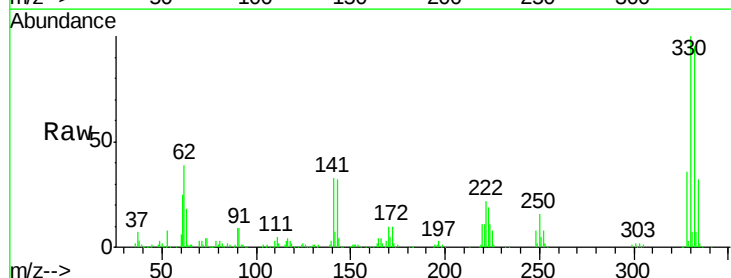
Tgt Ion:330 Resp: 347389

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

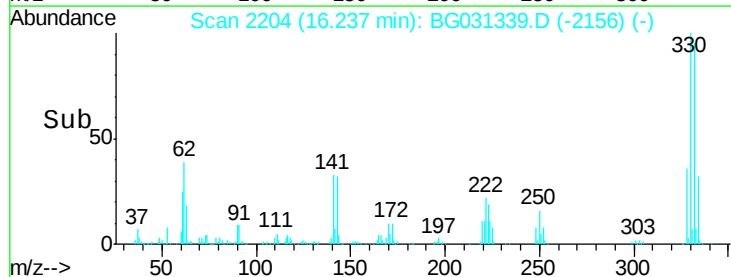
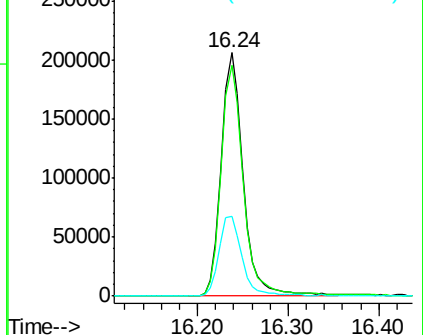
141 34.4 25.2 37.8

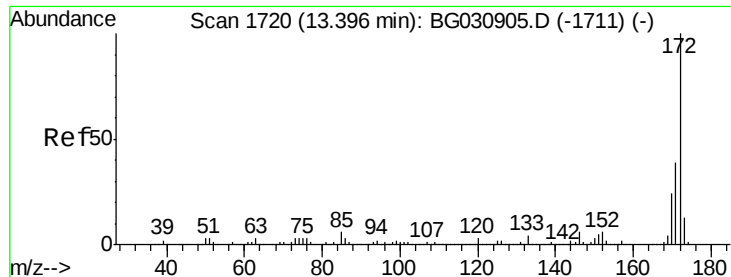


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



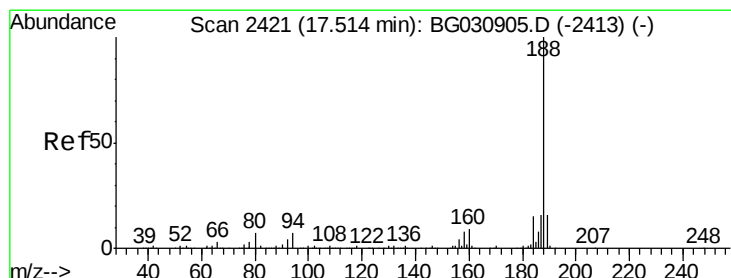
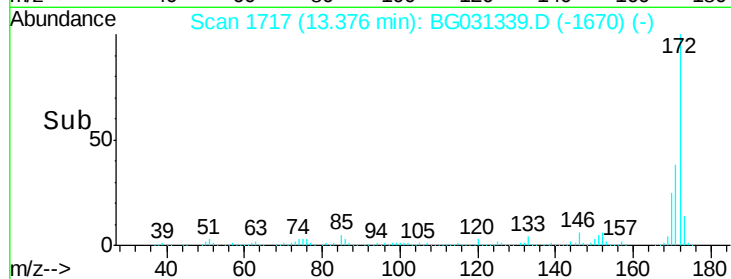
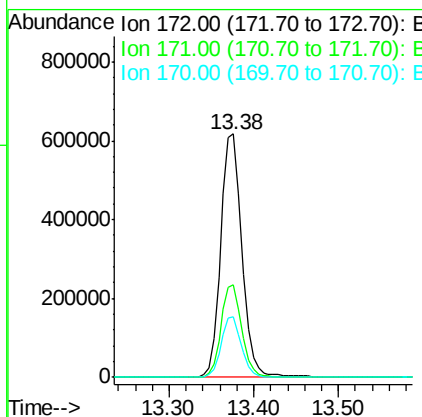
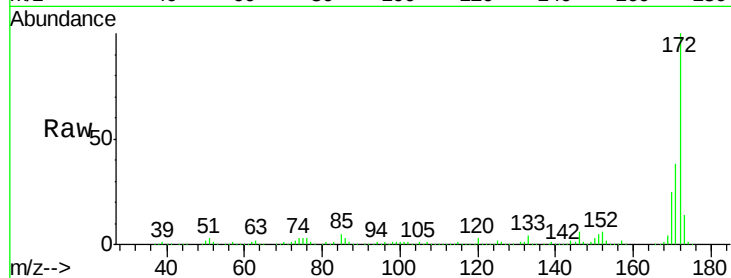


#44
 2-Fluorobiphenyl
 Concen: 87.64 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031339.D
 Acq: 2 Dec 2017 5:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion:172 Resp: 1080051

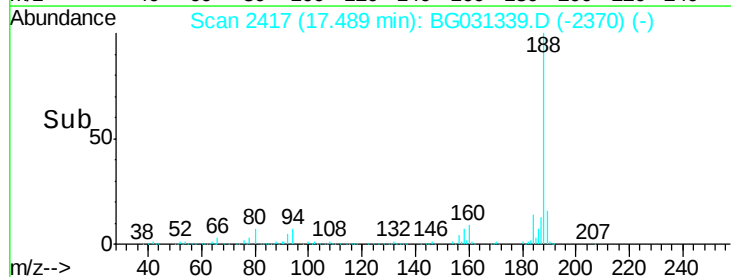
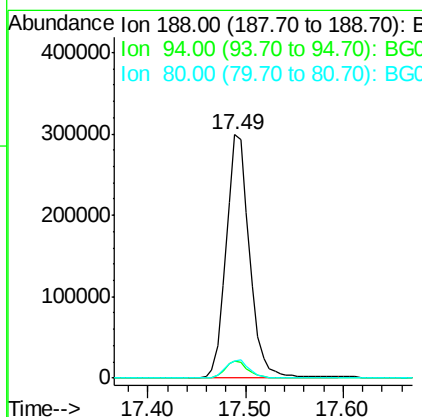
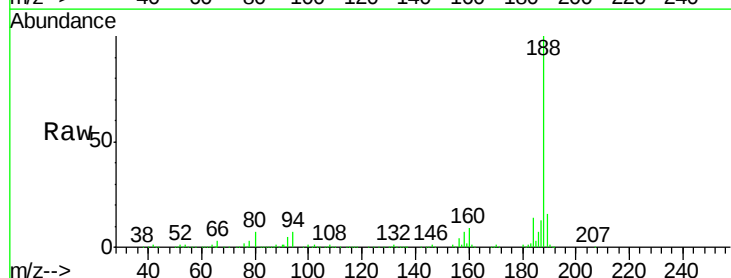
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.6	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031339.D
 Acq: 2 Dec 2017 5:07

Tgt Ion:188 Resp: 497133

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

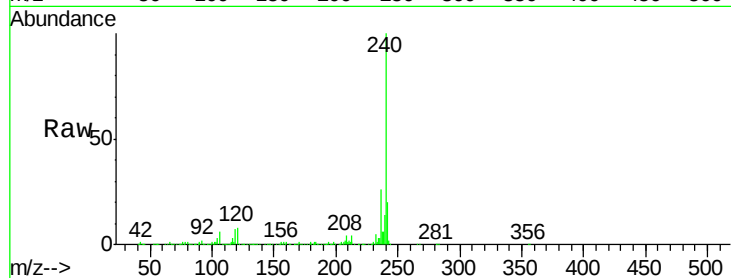
Tot Ion:240 Resp: 588286

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

236 25.6 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

21.76

300000

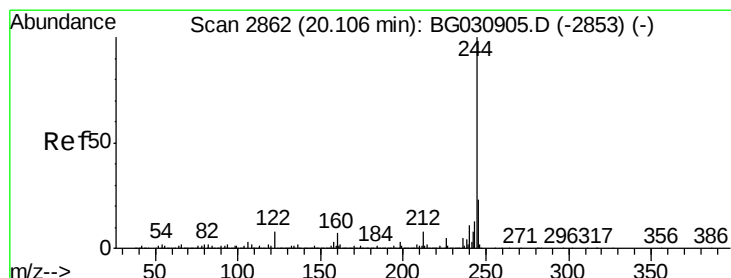
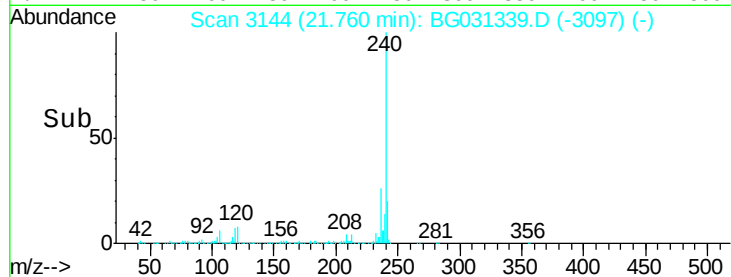
200000

100000

0

21.70 21.80 21.90

Time-->



#78

Terphenyl-d14

Concen: 86.15 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

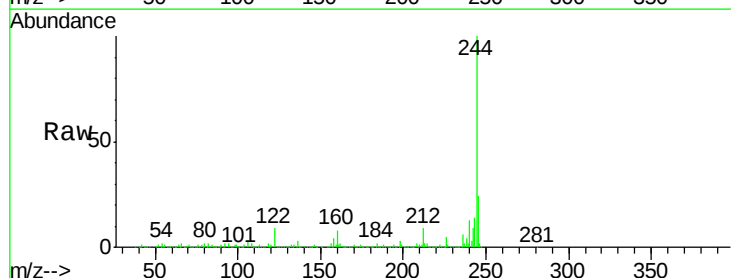
Tgt Ion:244 Resp: 2295127

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 9.3 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

20.08

2000000

1500000

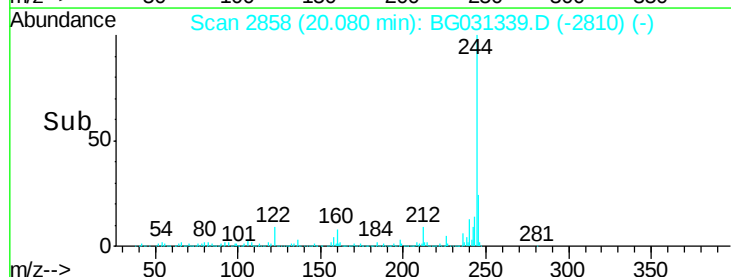
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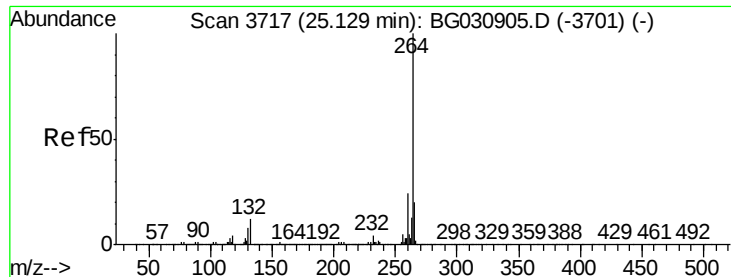
500000

0

20.00 20.10 20.20

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031339.D
Acq: 2 Dec 2017 5:07

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion: 264 Resp: 573946
Ion Ratio Lower Upper
264 100
260 23.3 17.4 26.0
265 22.0 17.7 26.5

