

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029029.D
 Acq On : 4 Oct 2017 7:10
 Operator : SJ/JU
 Sample : I5517-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Quant Time: Oct 04 11:28:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 11:28:26 2017
 Response via : Initial Calibration

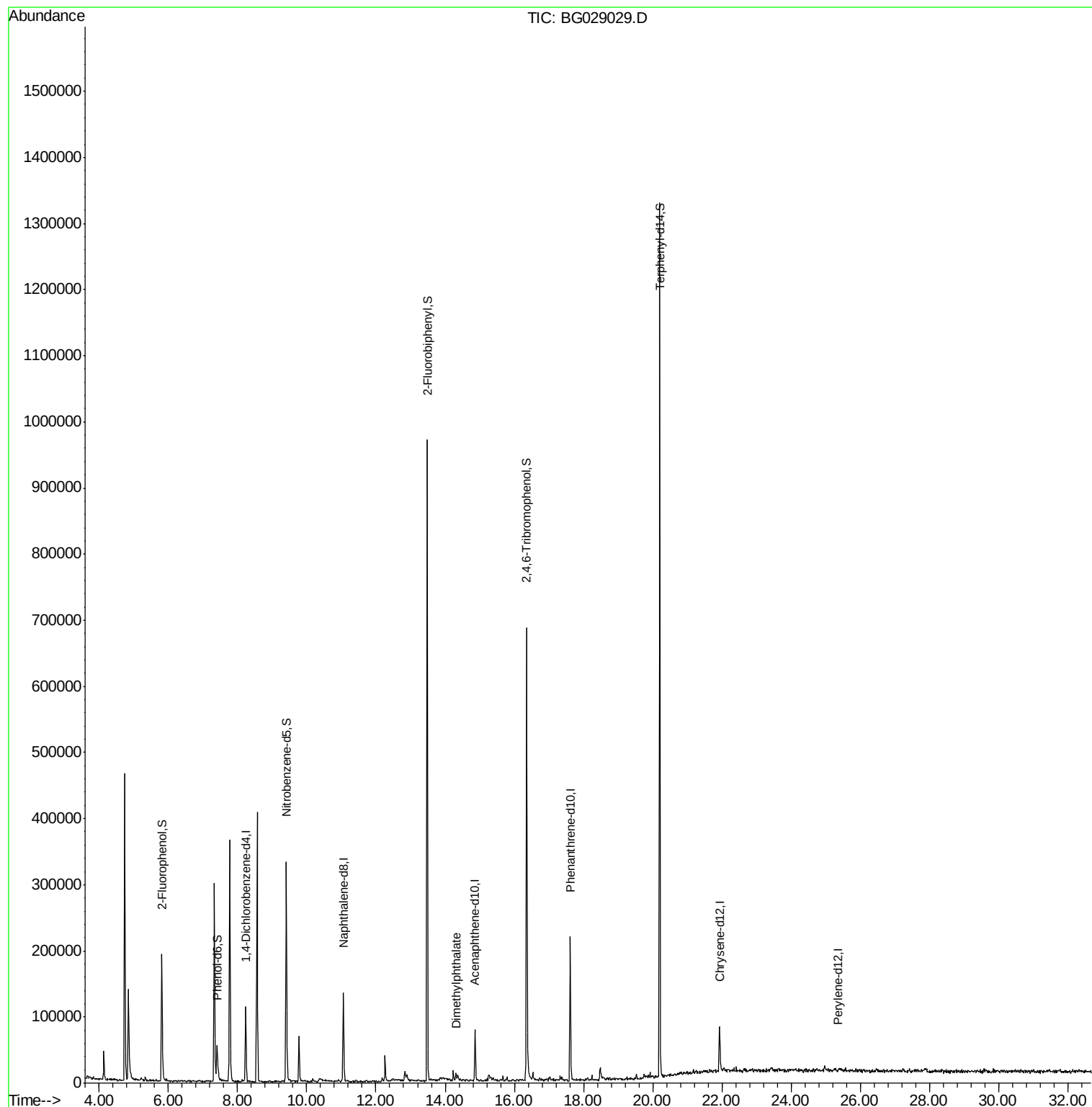
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	30300	20.00	ng	0.00
21) Naphthalene-d8	11.06	136	115197	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	20485	20.00	ng	0.00
63) Phenanthrene-d10	17.61	188	112601	20.00	ng	0.00
75) Chrysene-d12	21.93	240	29726	20.00	ng	0.00
86) Perylene-d12	25.36	264	1308	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	86991	47.37	ng	0.00
7) Phenol-d6	7.41	99	28405	10.27	ng	0.01
23) Nitrobenzene-d5	9.41	82	217845	90.46	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	156287	461.28	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	523051	340.47	ng	0.00
78) Terphenyl-d14	20.20	244	480097	344.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.31	163	9414	5.480	ng	Qvalue # 96

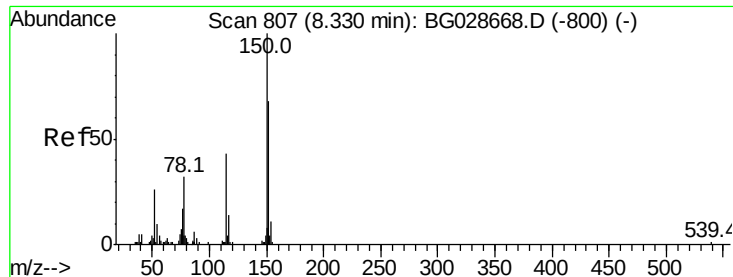
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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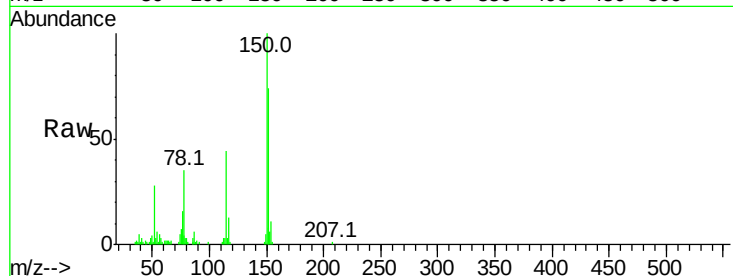


#1

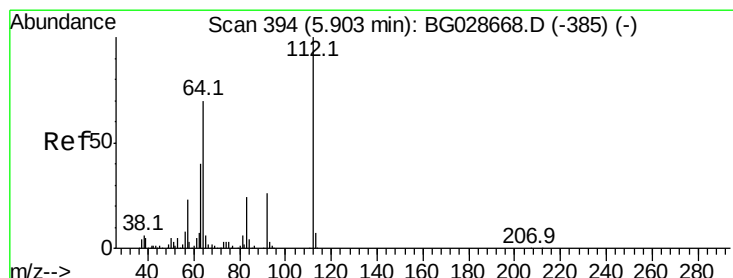
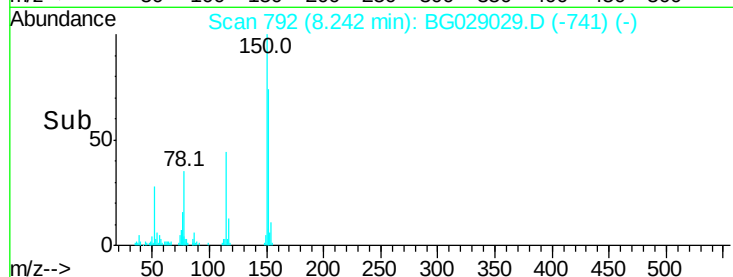
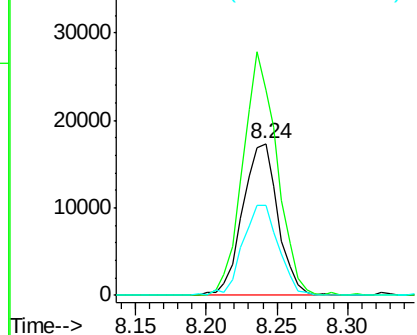
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BG029029.D
Acq: 4 Oct 2017 7:10

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tot Ion:152 Resp: 30300
Ion Ratio Lower Upper
152 100
150 135.4 114.0 171.0
115 59.1 48.1 72.1



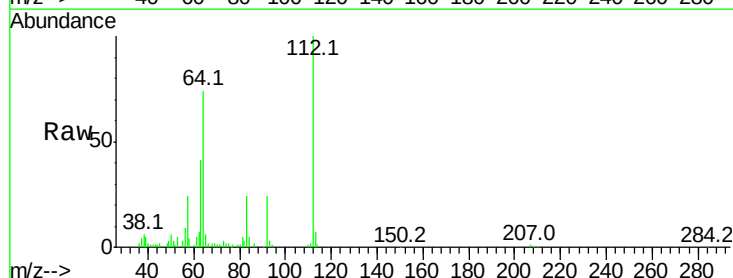
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



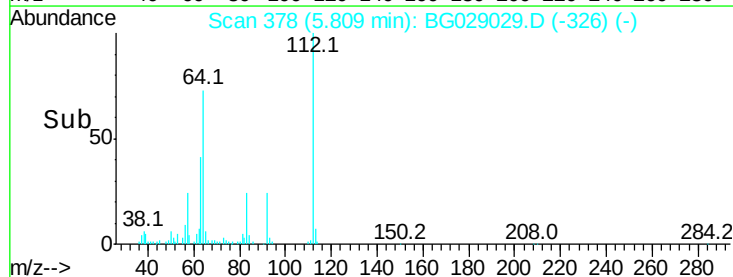
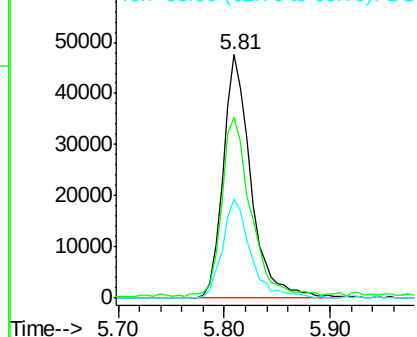
#5

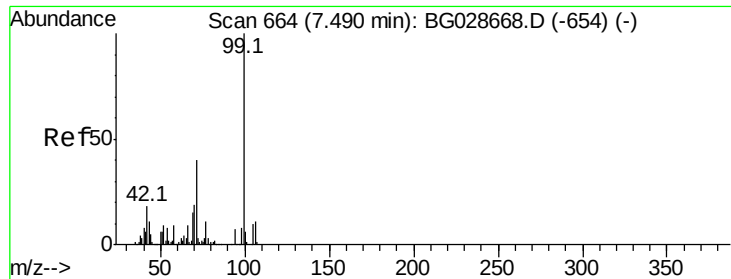
2-Fluorophenol
Concen: 47.373 ng
RT: 5.81 min Scan# 378
Delta R.T. 0.01 min
Lab File: BG029029.D
Acq: 4 Oct 2017 7:10

Tgt Ion:112 Resp: 86991
Ion Ratio Lower Upper
112 100
64 74.5 61.8 92.6
63 40.6 37.2 55.8



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: 10.274 ng

RT: 7.41 min Scan# 650

Delta R.T. 0.01 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

Instrument :

BNA_G

ClientSampleId :

LIP-16

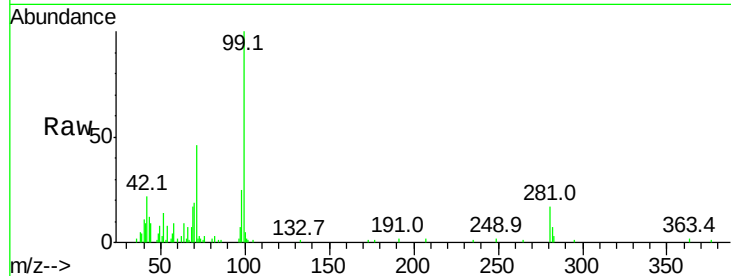
Tot Ion: 99 Resp: 28405

Ion Ratio Lower Upper

99 100

42 22.3 20.5 30.7

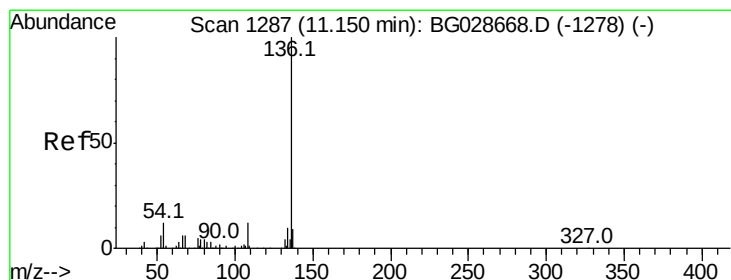
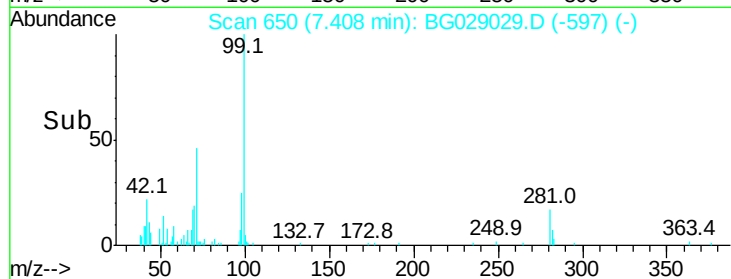
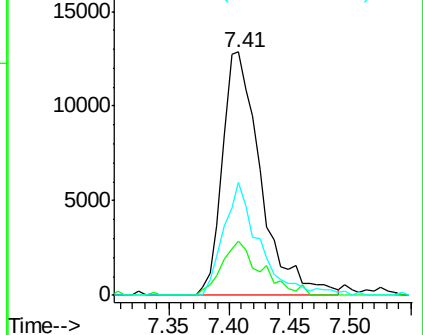
71 46.4 37.6 56.4



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: 11.06 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

Tgt Ion: 136 Resp: 115197

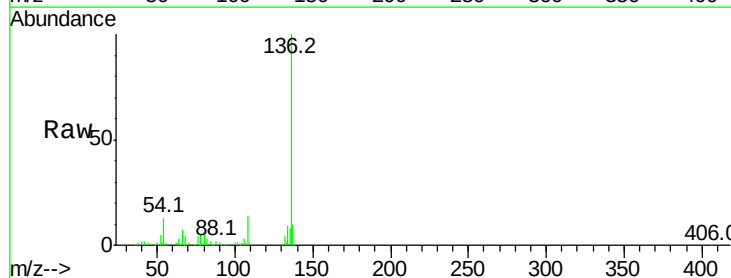
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 12.8 9.3 13.9

68 4.2 5.1 7.7#

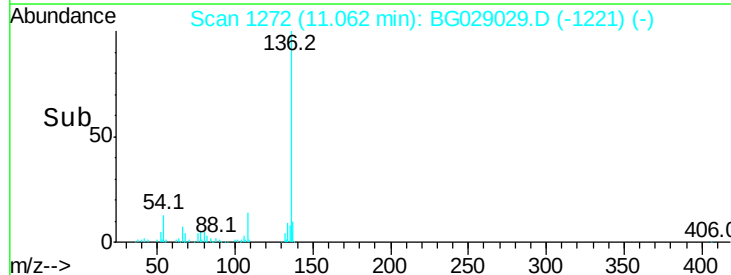
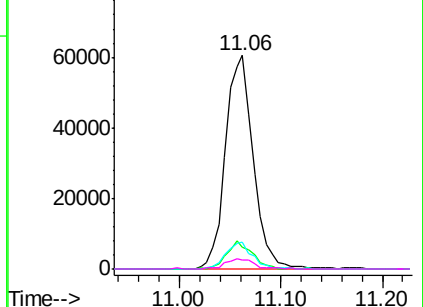


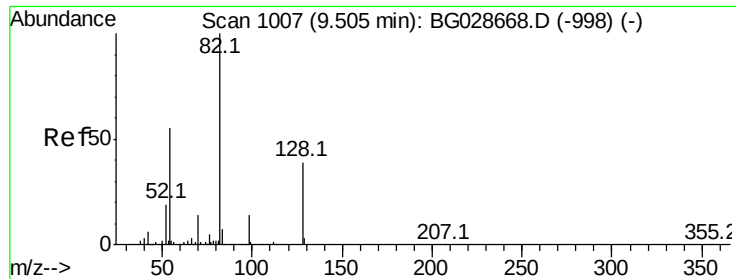
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 90.464 ng

RT: 9.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

Instrument :

BNA_G

ClientSampleId :

LIP-16

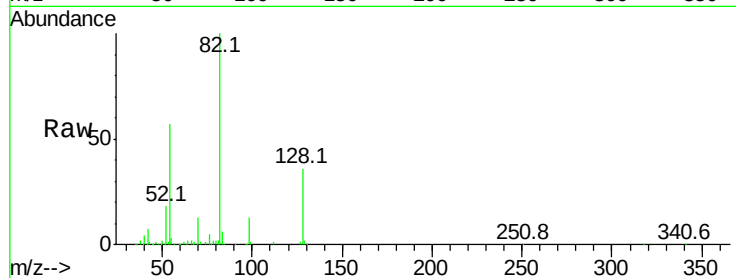
Tot Ion: 82 Resp: 217845

Ion Ratio Lower Upper

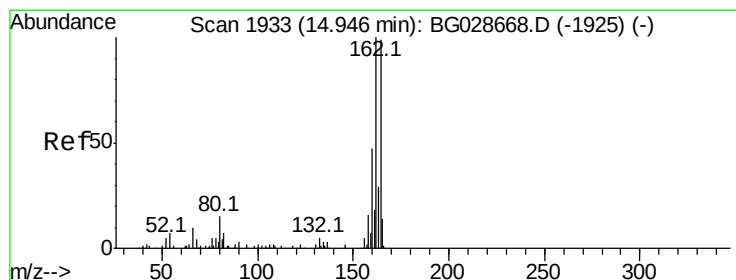
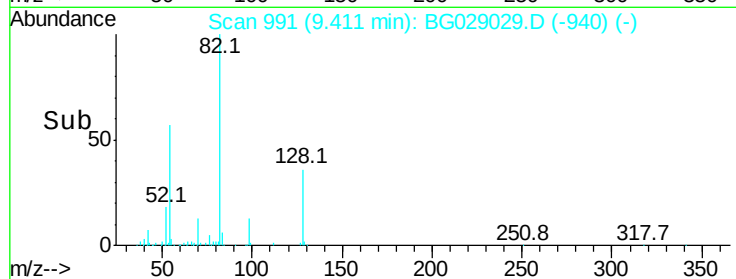
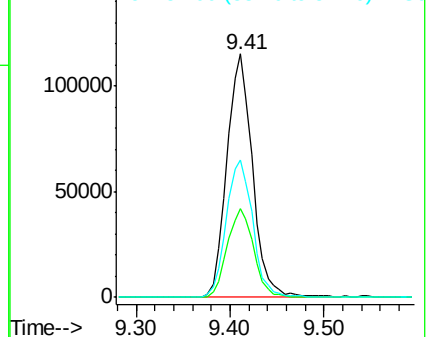
82 100

128 36.3 26.4 39.6

54 56.5 49.4 74.2



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: 14.86 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

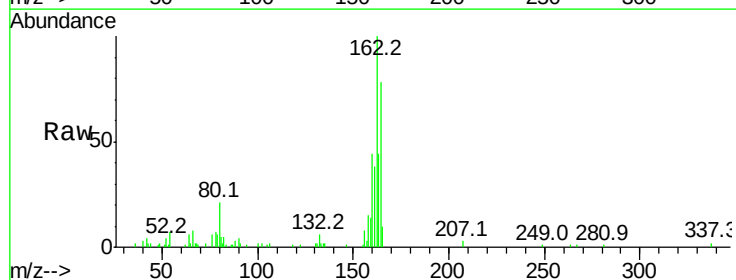
Tgt Ion:164 Resp: 20485

Ion Ratio Lower Upper

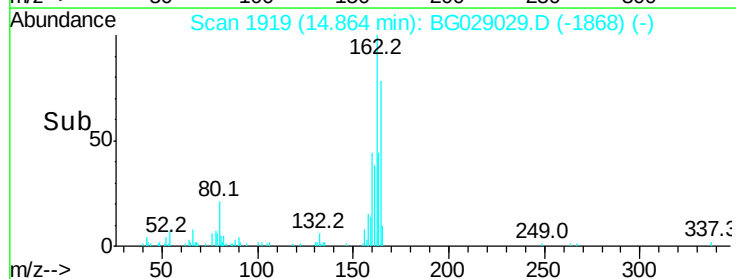
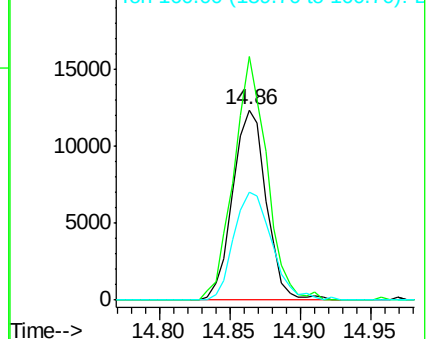
164 100

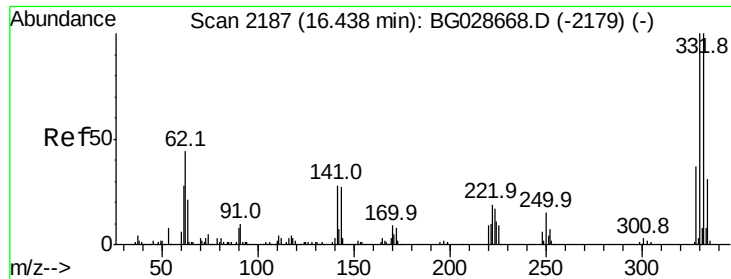
162 128.1 85.1 127.7#

160 56.5 34.7 52.1#



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: 461.283 ng

RT: 16.36 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

Instrument :

BNA_G

ClientSampleId :

LIP-16

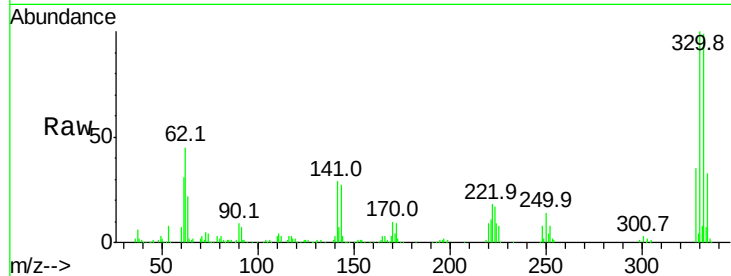
Tot Ion:330 Resp: 156287

Ion Ratio Lower Upper

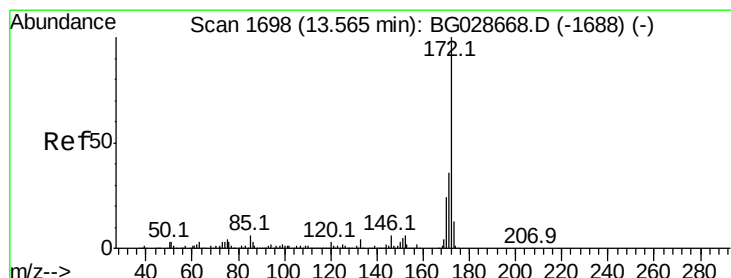
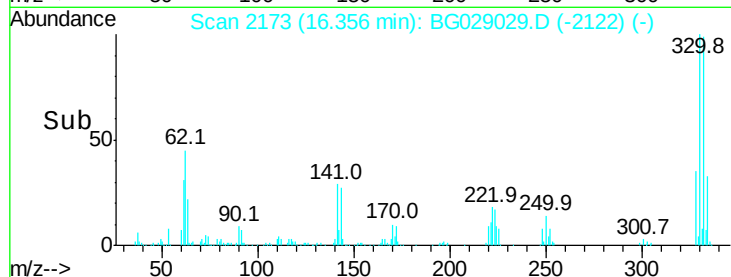
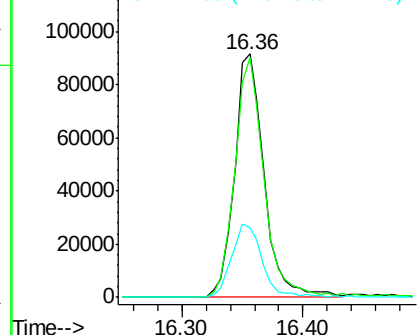
330 100

332 97.5 77.3 115.9

141 31.1 32.1 48.1#



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: 340.468 ng

RT: 13.48 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

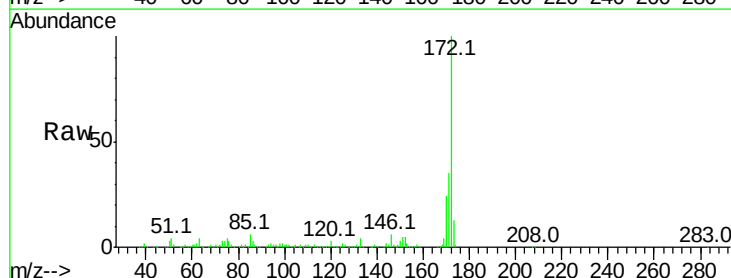
Tgt Ion:172 Resp: 523051

Ion Ratio Lower Upper

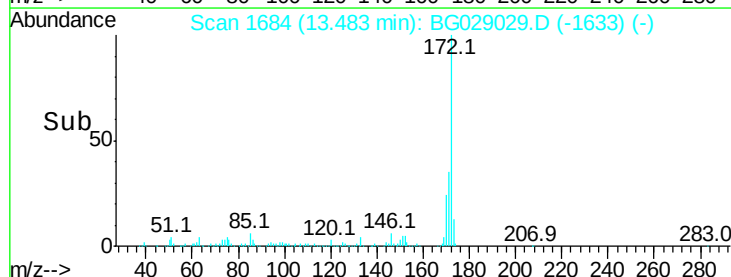
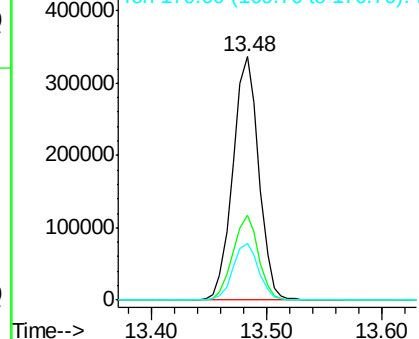
172 100

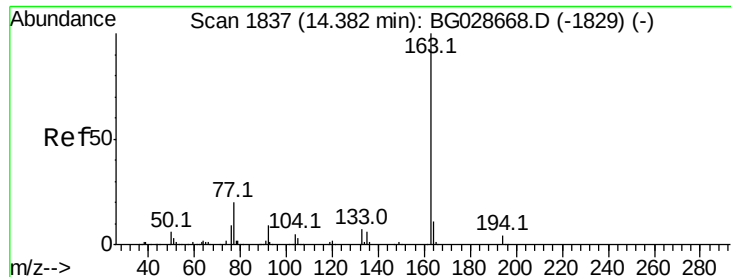
171 35.0 32.2 48.2

170 23.5 21.8 32.6



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





#49

Dimethylphthalate

Concen: 5.480 ng

RT: 14.31 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

Instrument :

BNA_G

ClientSampleId :

LIP-16

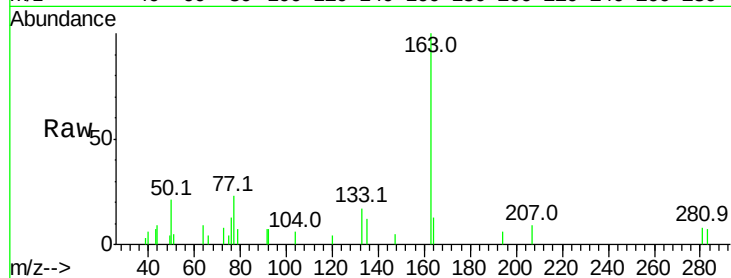
Tot Ion:163 Resp: 9414

Ion Ratio Lower Upper

163 100

194 6.3 3.8 5.6#

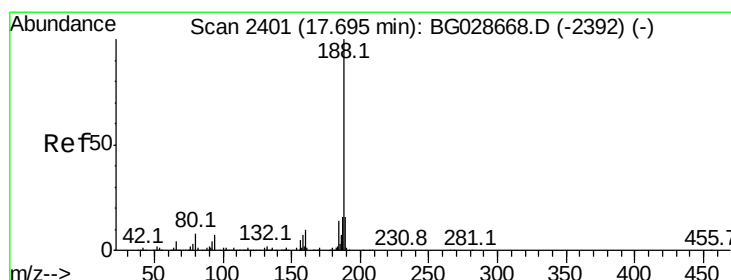
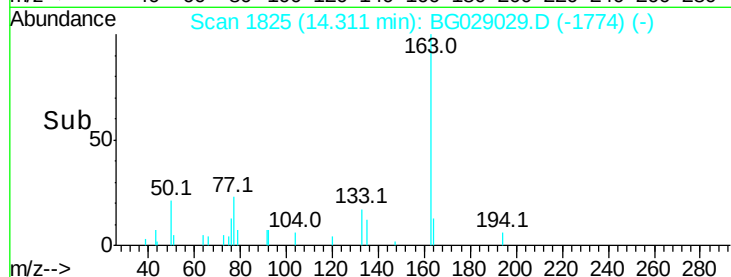
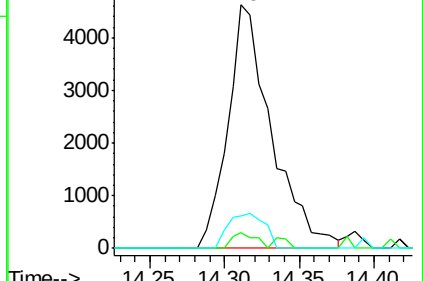
164 13.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.61 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

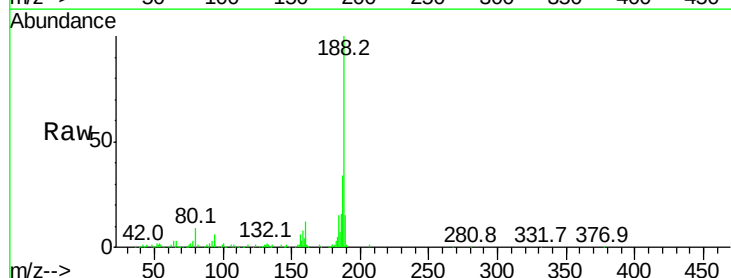
Tgt Ion:188 Resp: 112601

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

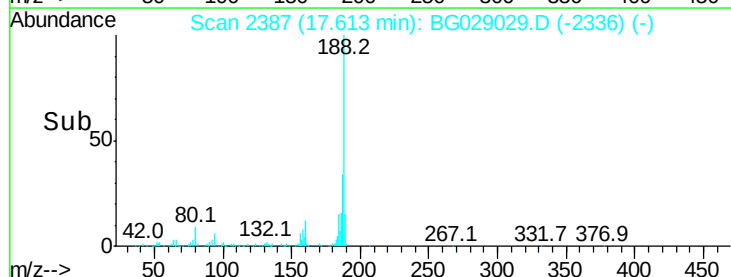
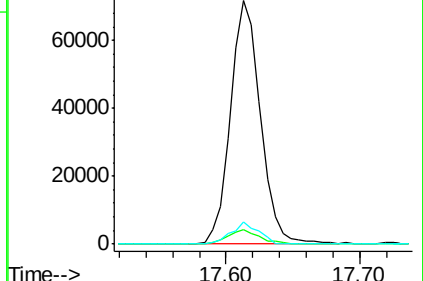
80 9.0 7.5 11.3

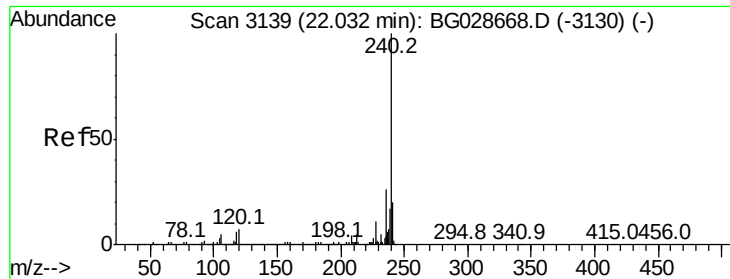


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.93 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

Instrument :

BNA_G

ClientSampleId :

LIP-16

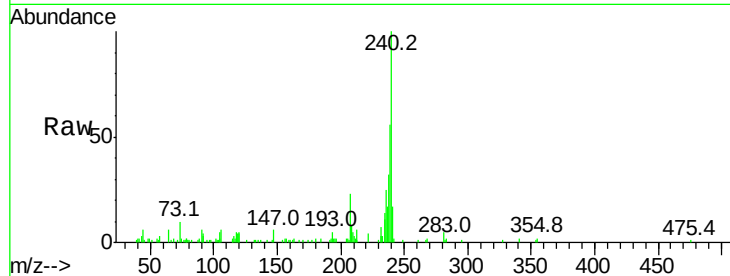
Tot Ion:240 Resp: 29726

Ion Ratio Lower Upper

240 100

120 9.2 5.7 8.5#

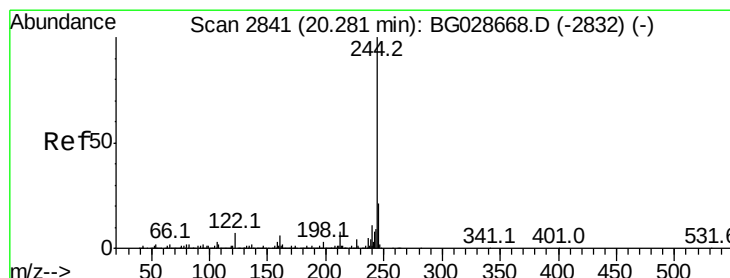
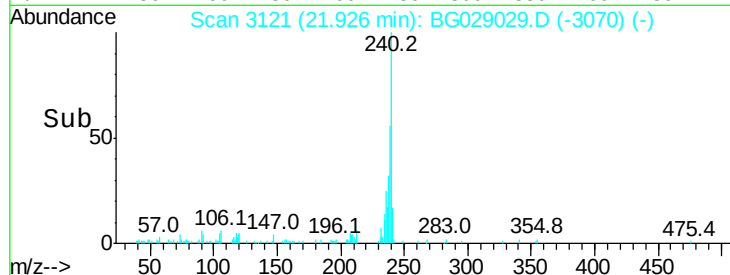
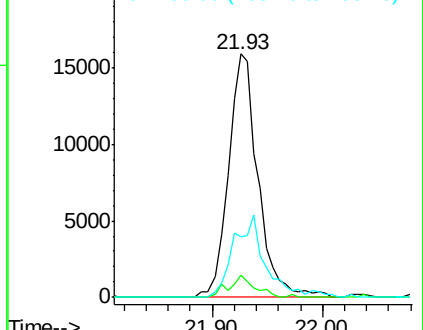
236 25.0 22.2 33.4



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: 344.425 ng

RT: 20.20 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG029029.D

Acq: 4 Oct 2017 7:10

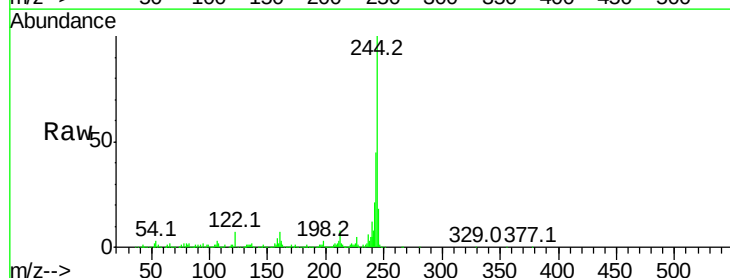
Tgt Ion:244 Resp: 480097

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

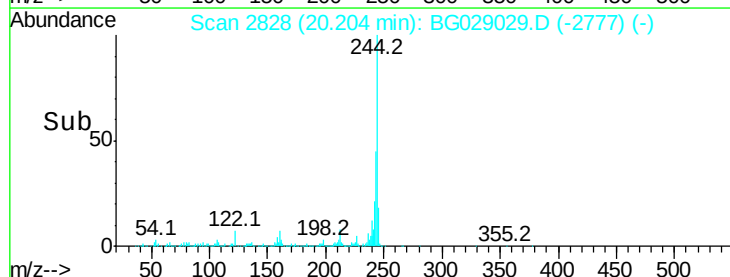
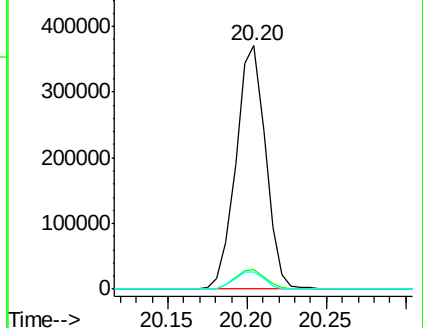
122 6.8 8.6 12.8#

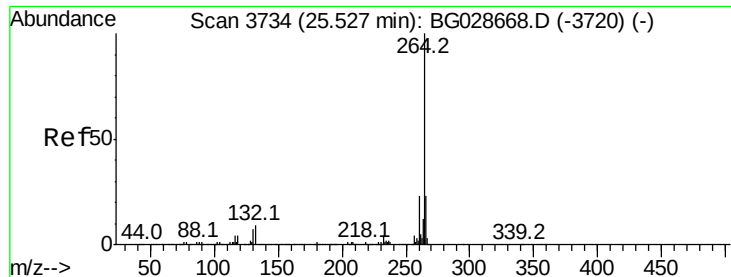


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.36 min Scan# 3706
 Delta R.T. 0.01 min
 Lab File: BG029029.D
 Acq: 4 Oct 2017 7:10

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	0.0	21.8	32.8#
265	51.8	18.2	27.4#

