

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029025.D
 Acq On : 4 Oct 2017 4:33
 Operator : SJ/JU
 Sample : I5584-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Quant Time: Oct 04 05:27:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	76119	40.00	ng	-0.09
21) Naphthalene-d8	11.06	136	289456	40.00	ng	-0.09
38) Acenaphthene-d10	14.87	164	195556	40.00	ng	-0.08
63) Phenanthrene-d10	17.62	188	549199	40.00	ng	-0.08
75) Chrysene-d12	21.93	240	676276	40.00	ng	-0.10
86) Perylene-d12	25.35	264	637603	40.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	322727	139.92	ng	-0.09
7) Phenol-d6	7.40	99	384705	110.78	ng	-0.09
23) Nitrobenzene-d5	9.41	82	287260	94.95	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	250375	154.82	ng	-0.08
44) 2-Fluorobiphenyl	13.49	172	680124	92.75	ng	-0.08
78) Terphenyl-d14	20.21	244	1508741	95.15	ng	-0.07

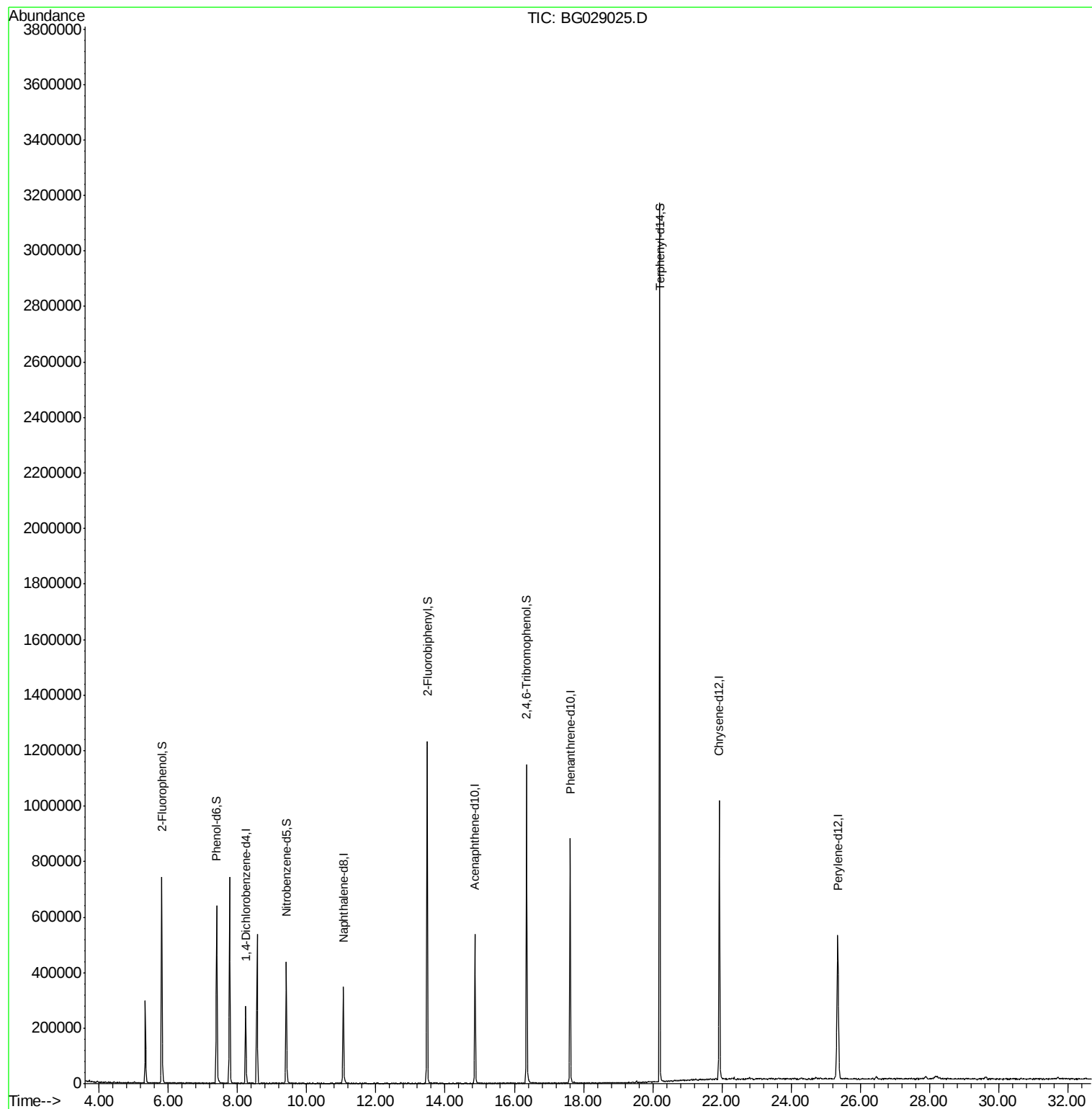
Target Compounds Qvalue

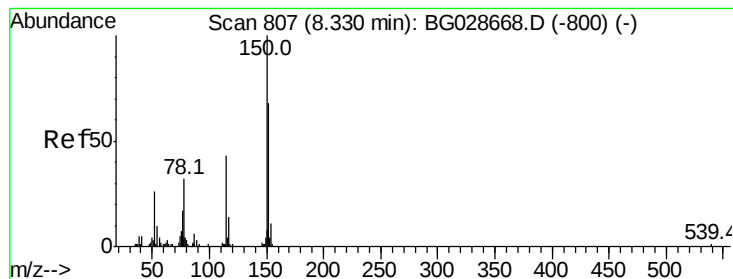
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.000 ng

RT: 8.24 min Scan# 791

Delta R.T. -0.09 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

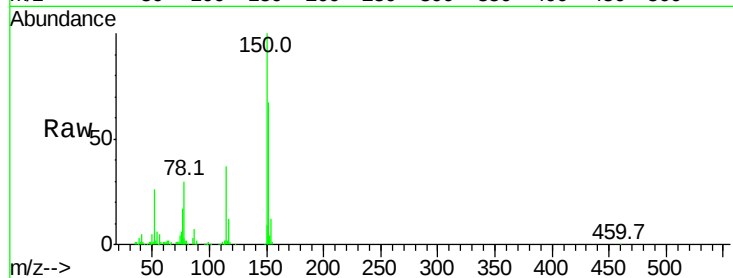
Tot Ion:152 Resp: 76119

Ion Ratio Lower Upper

152 100

150 148.7 114.0 171.0

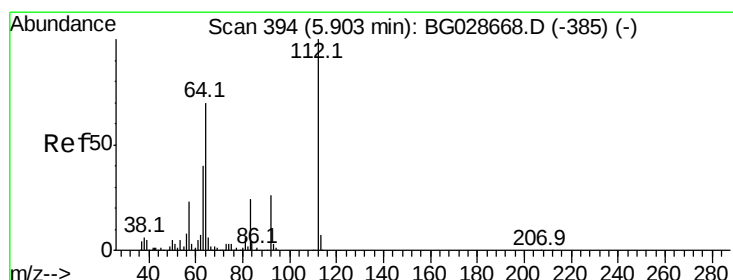
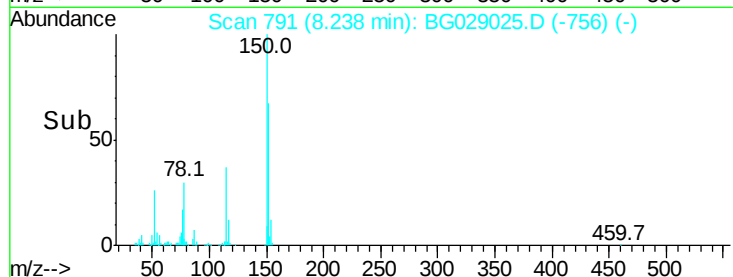
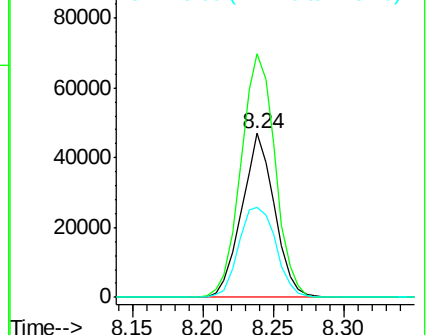
115 55.3 48.1 72.1



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: 139.917 ng

RT: 5.81 min Scan# 378

Delta R.T. -0.09 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

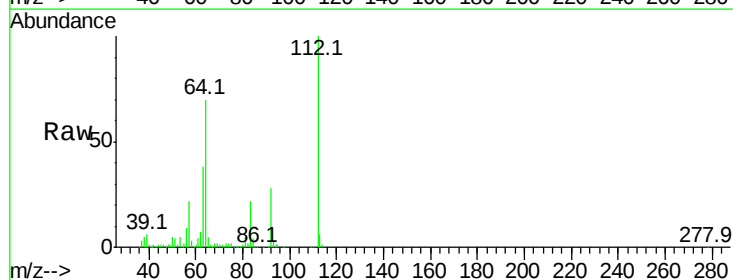
Tgt Ion:112 Resp: 322727

Ion Ratio Lower Upper

112 100

64 69.6 61.8 92.6

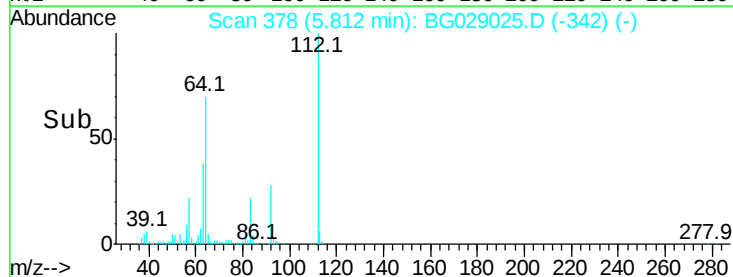
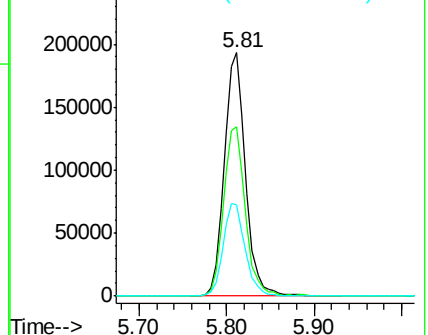
63 37.6 37.2 55.8

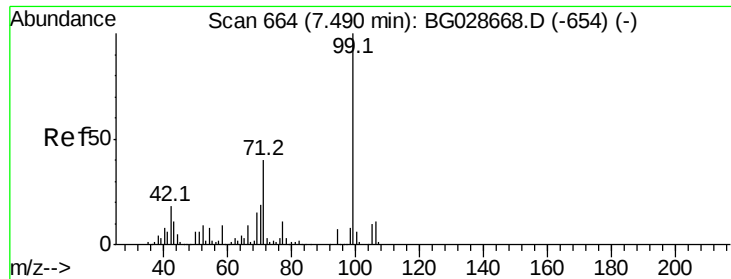


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.776 ng

RT: 7.40 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

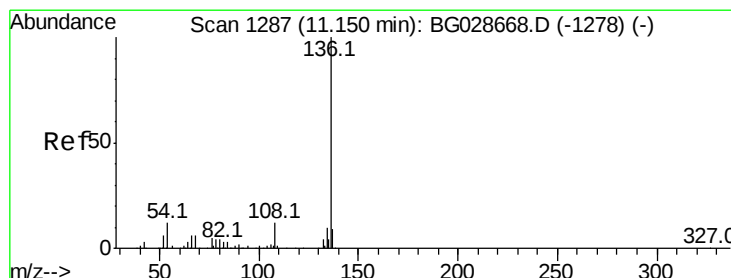
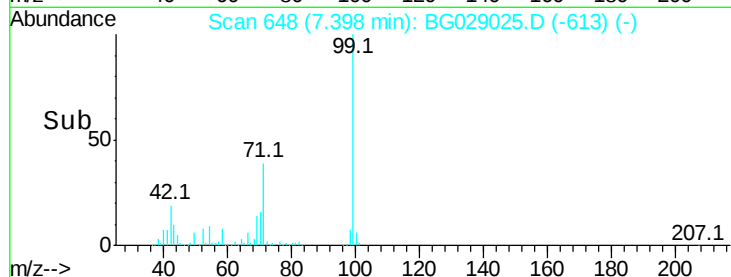
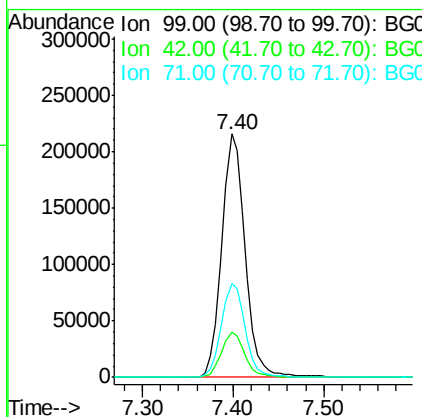
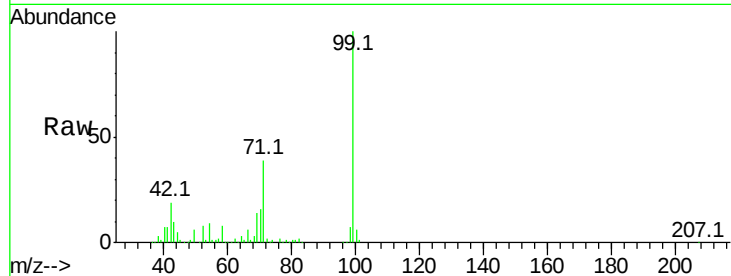
Tot Ion: 99 Resp: 384705

Ion Ratio Lower Upper

99 100

42 18.5 20.5 30.7#

71 38.6 37.6 56.4



#21

Naphthalene-d8

Concen: 40.000 ng

RT: 11.06 min Scan# 1271

Delta R.T. -0.09 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Tgt Ion: 136 Resp: 289456

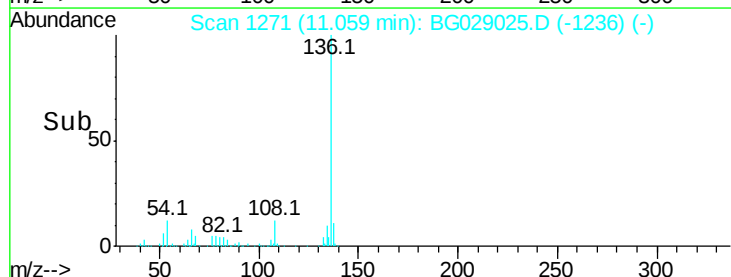
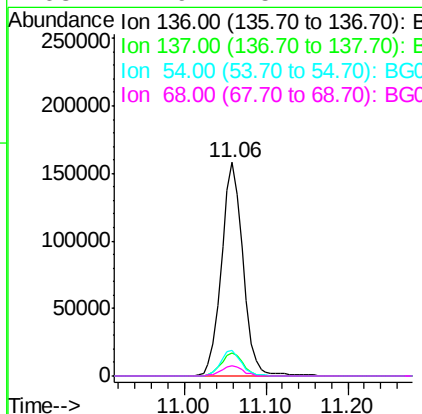
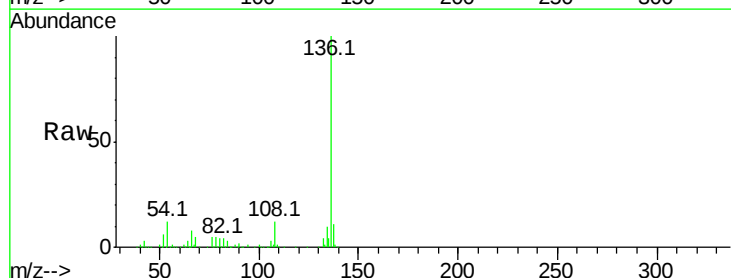
Ion Ratio Lower Upper

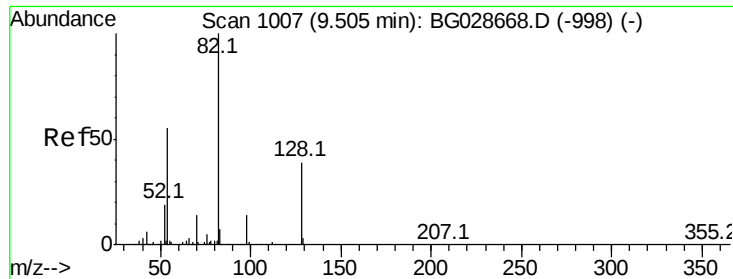
136 100

137 10.8 8.9 13.3

54 11.9 9.3 13.9

68 4.9 5.1 7.7#

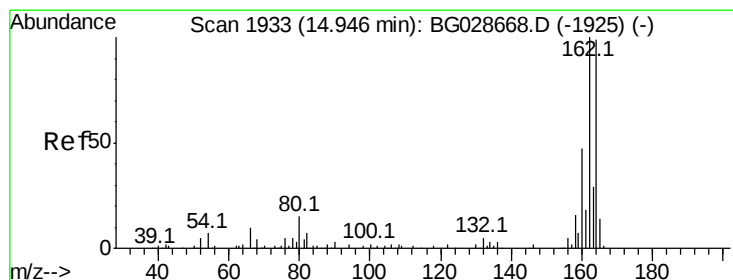
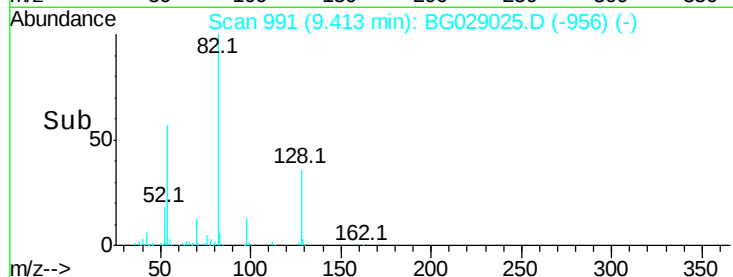
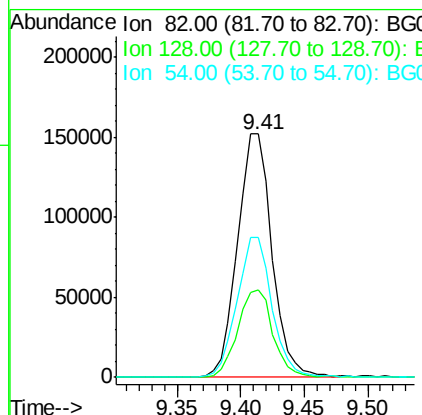
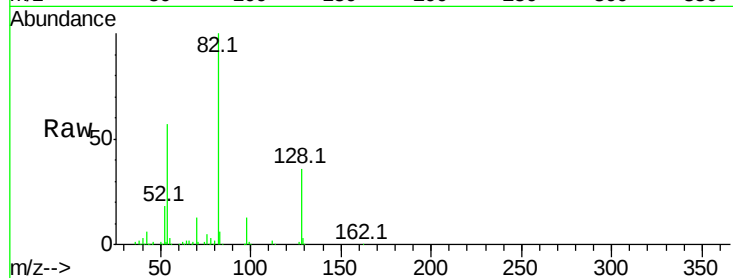




#23
Nitrobenzene-d5
Concen: 94.949 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029025.D
Acq: 4 Oct 2017 4:33

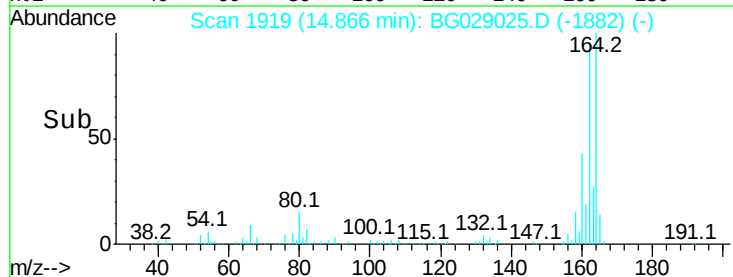
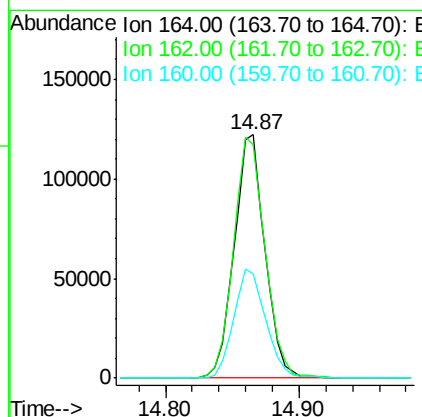
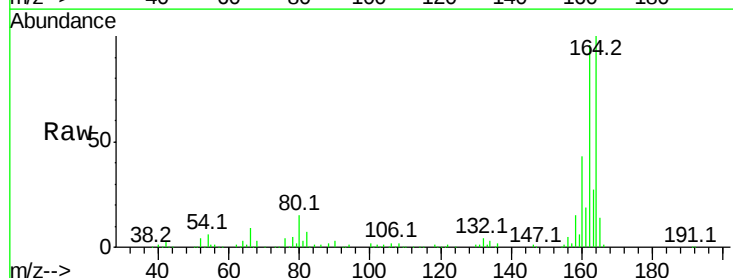
Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

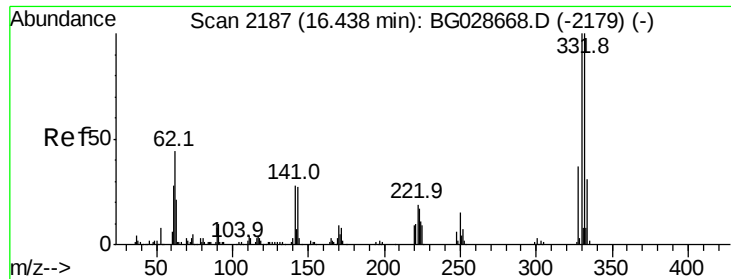
Tot Ion	82	Resp	287260
Ion Ratio	Lower	Upper	
82	100		
128	35.7	26.4	39.6
54	57.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.87 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029025.D
Acq: 4 Oct 2017 4:33

Tgt Ion	164	Resp	195556
Ion Ratio	Lower	Upper	
164	100		
162	95.7	85.1	127.7
160	42.6	34.7	52.1

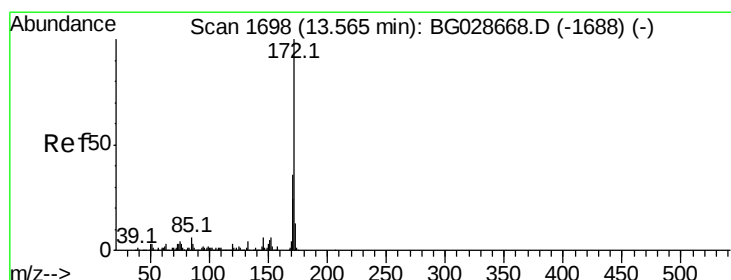
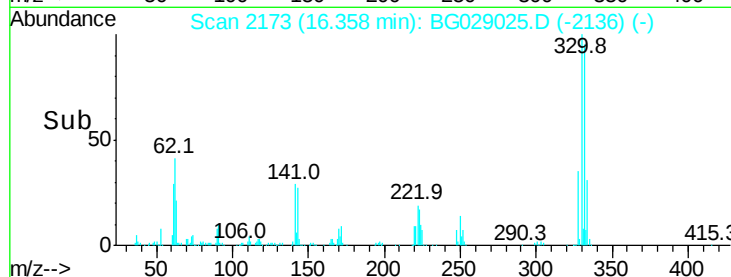
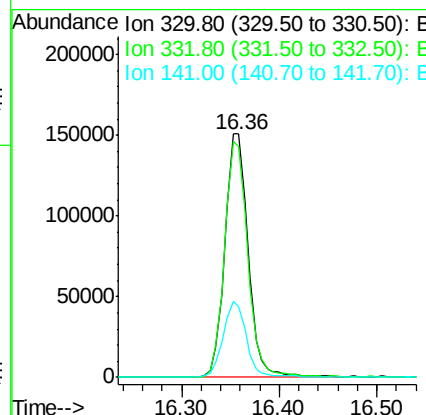
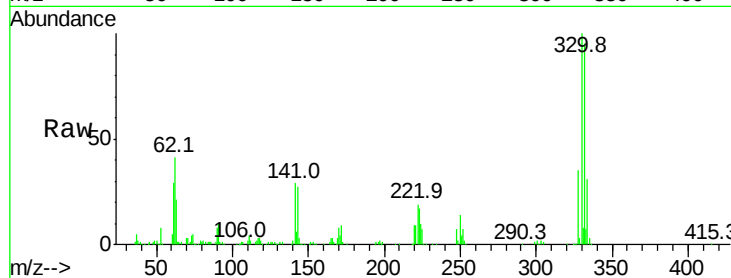




#41
 2,4,6-Tribromophenol
 Concen: 154.821 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029025.D
 Acq: 4 Oct 2017 4:33

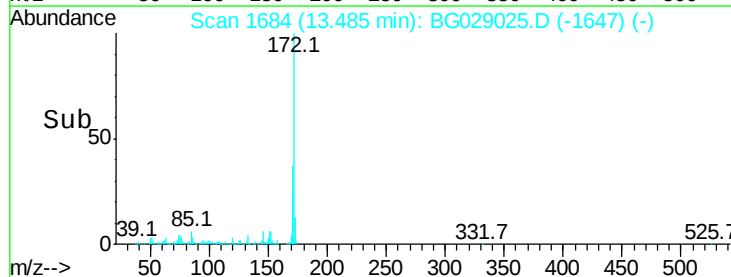
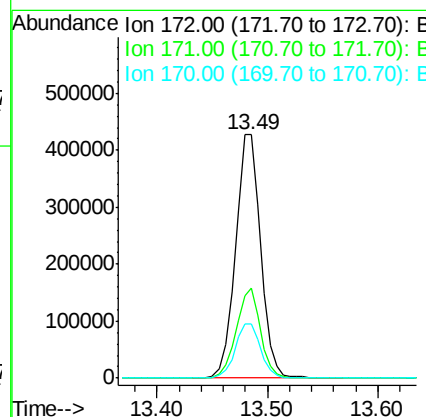
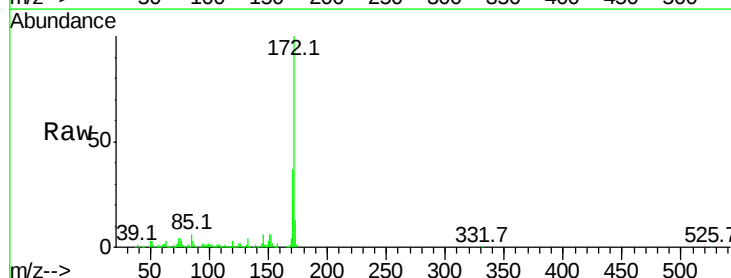
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

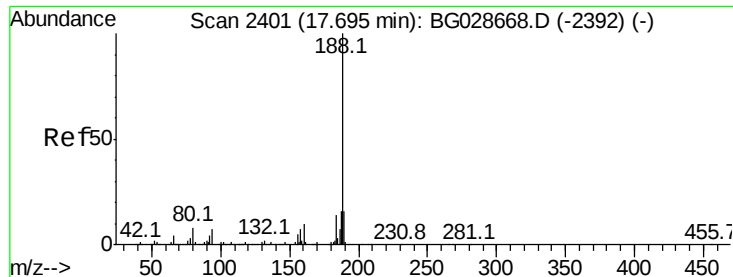
Tot Ion:330 Resp: 250375
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 31.2 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 92.750 ng
 RT: 13.49 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029025.D
 Acq: 4 Oct 2017 4:33

Tgt Ion:172 Resp: 680124
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 22.4 21.8 32.6

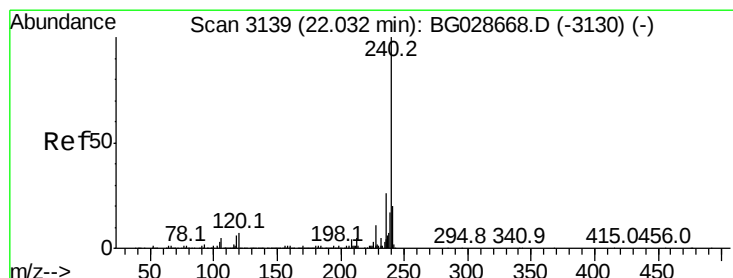
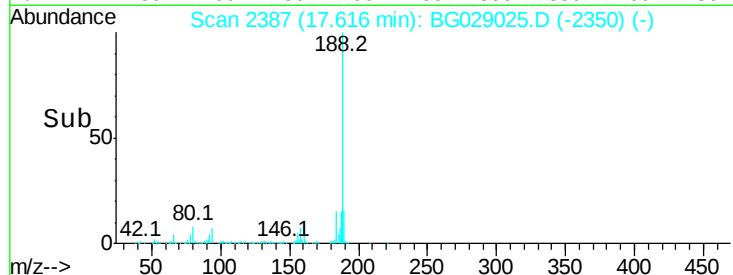
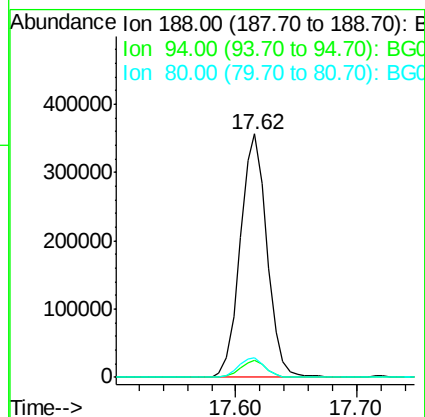
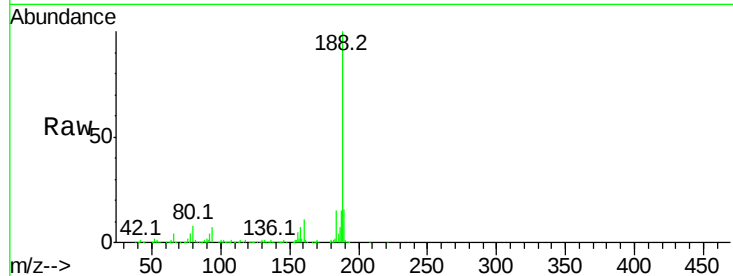




#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.62 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029025.D
Acq: 4 Oct 2017 4:33

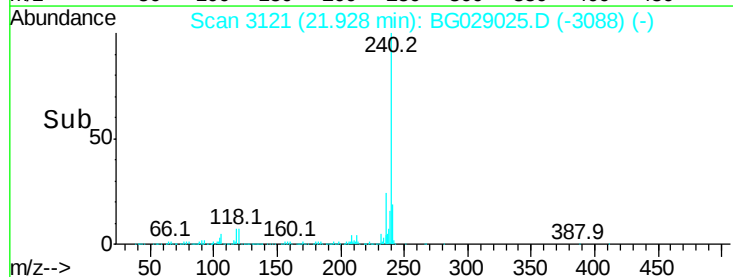
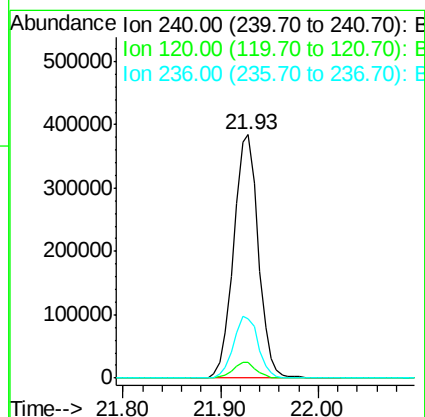
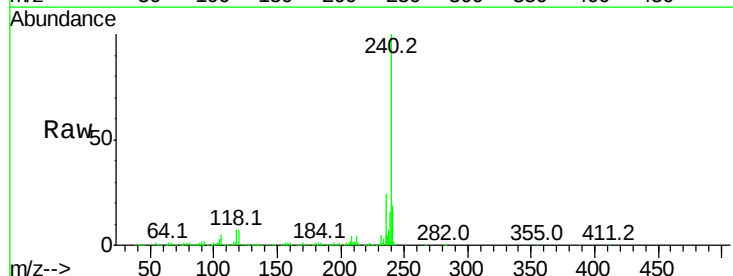
Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

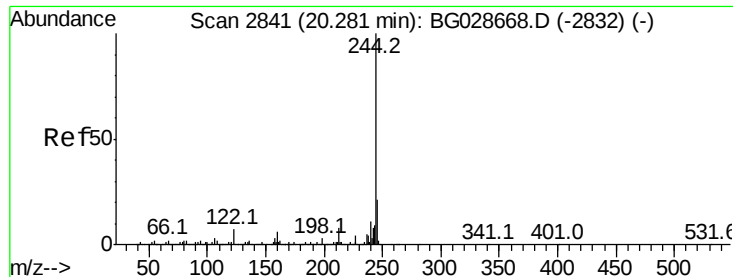
Tot Ion:188 Resp: 549199
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 7.9 7.5 11.3



#75
Chrysene-d12
Concen: 40.000 ng
RT: 21.93 min Scan# 3121
Delta R.T. -0.10 min
Lab File: BG029025.D
Acq: 4 Oct 2017 4:33

Tgt Ion:240 Resp: 676276
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 24.5 22.2 33.4





#78

Terphenyl-d14

Concen: 95.153 ng

RT: 20.21 min Scan# 2828

Delta R.T. -0.07 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

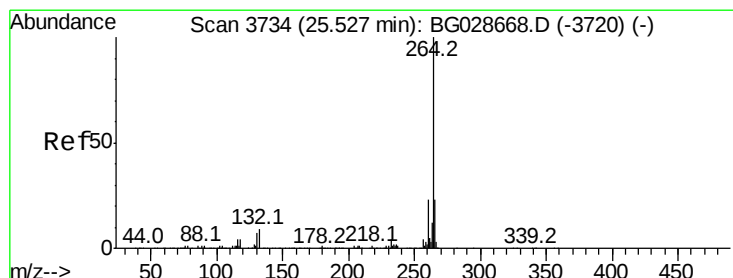
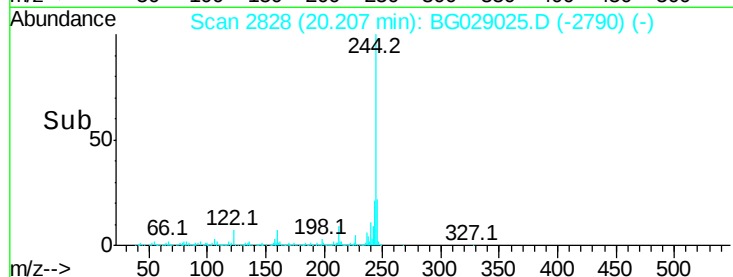
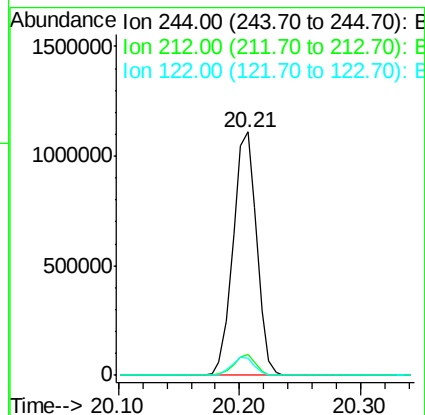
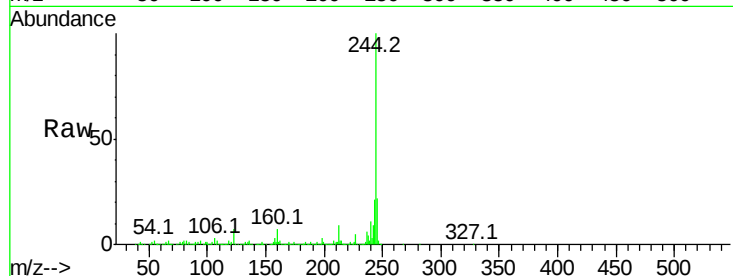
Tot Ion:244 Resp: 1508741

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

122 7.3 8.6 12.8#



#86

Perylene-d12

Concen: 40.000 ng

RT: 25.35 min Scan# 3703

Delta R.T. -0.18 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Tgt Ion:264 Resp: 637603

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 21.9 18.2 27.4

