

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
 Data File : BG027905.D
 Acq On : 11 Jul 2017 2:43
 Operator : SJ/JU
 Sample : I4119-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 07:04:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

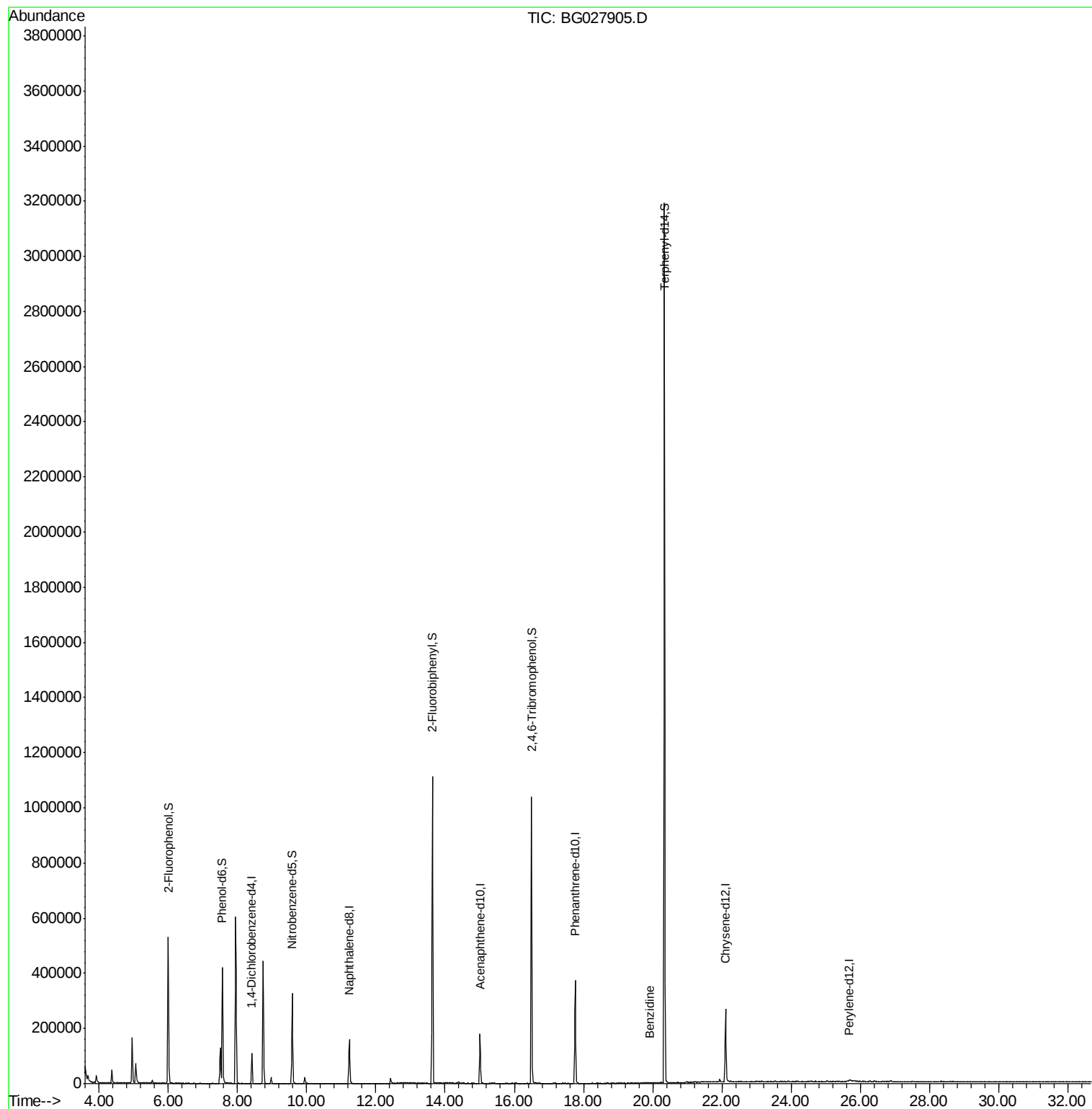
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	37404	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	162291	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	54626	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	238753	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	154492	20.00	ng	-0.02
86) Perylene-d12	25.66	264	1365	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	320724	132.04	ng	0.00
7) Phenol-d6	7.56	99	311281	83.89	ng	-0.01
23) Nitrobenzene-d5	9.58	82	237135	81.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	249667	333.22	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	636668	166.45	ng	-0.02
78) Terphenyl-d14	20.34	244	1398954	212.29	ng	-0.01
Target Compounds						
76) Benzidine	19.91	184	61	3.23	ng	Qvalue # 64

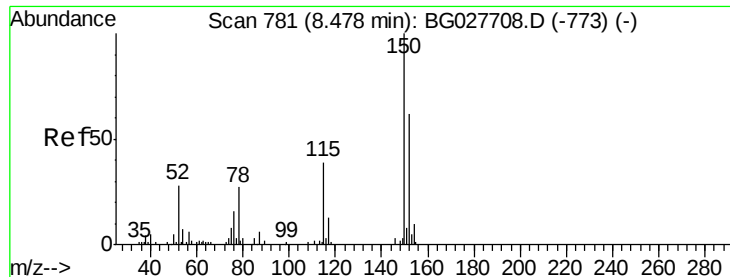
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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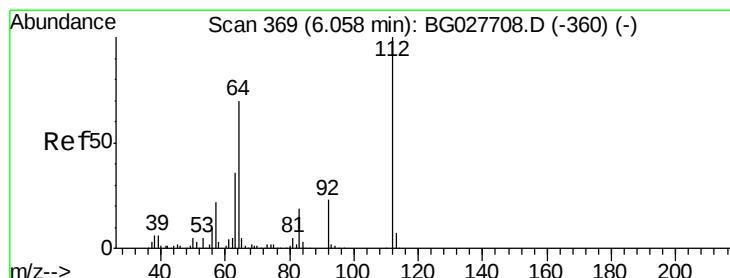
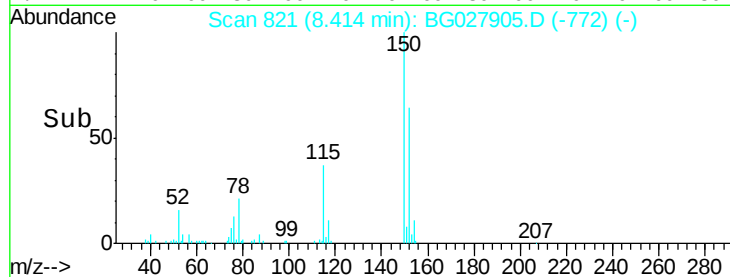
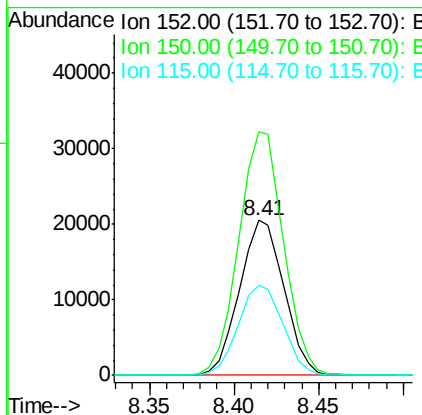
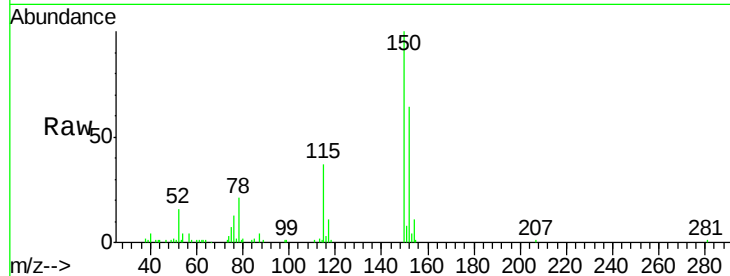


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027905.D
Acq: 11 Jul 2017 2:43

Instrument :
BNA_G
ClientSampleId :

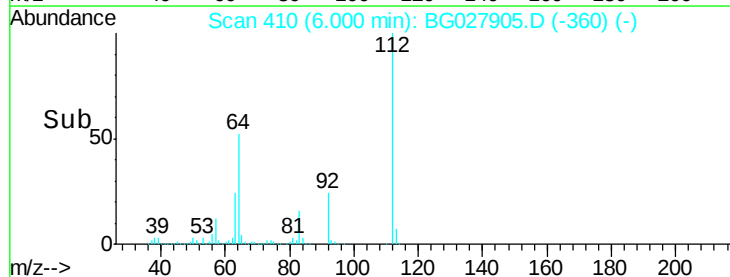
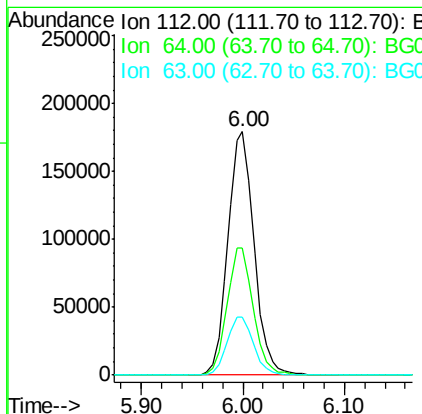
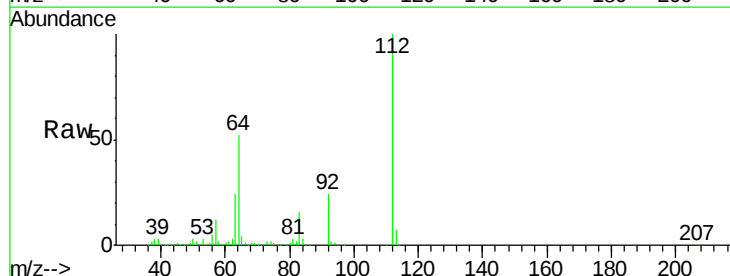
Tot Ion:152 Resp: 37404
Ion Ratio Lower Upper
152 100
150 157.3 114.0 171.0
115 58.5 48.1 72.1

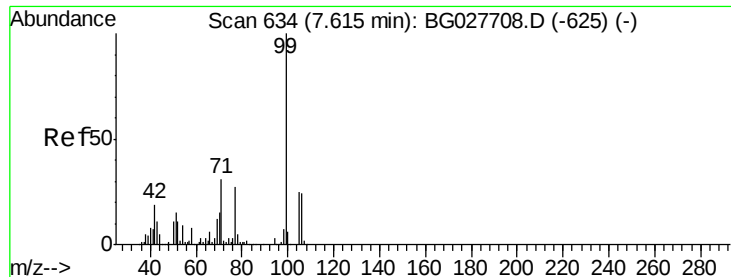


#5

2-Fluorophenol
Concen: 132.04 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027905.D
Acq: 11 Jul 2017 2:43

Tgt Ion:112 Resp: 320724
Ion Ratio Lower Upper
112 100
64 52.0 61.8 92.6#
63 24.0 37.2 55.8#





#7

Phenol-d6

Concen: 83.89 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027905.D

Acq: 11 Jul 2017 2:43

Instrument :

BNA_G

ClientSampled :

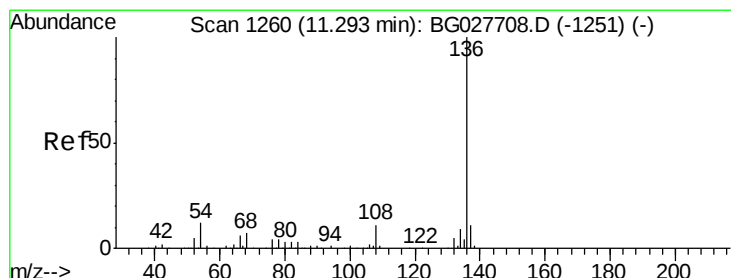
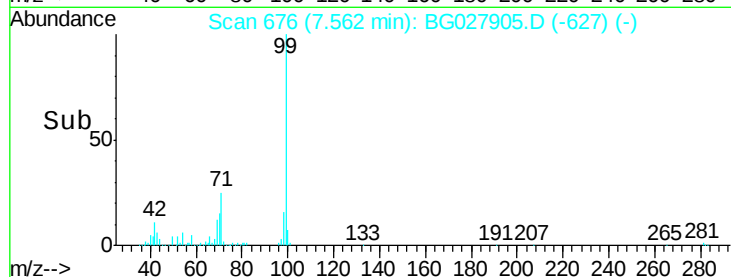
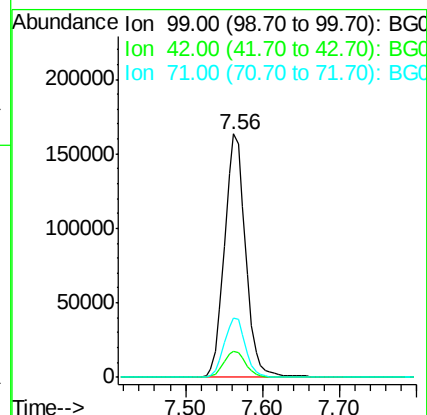
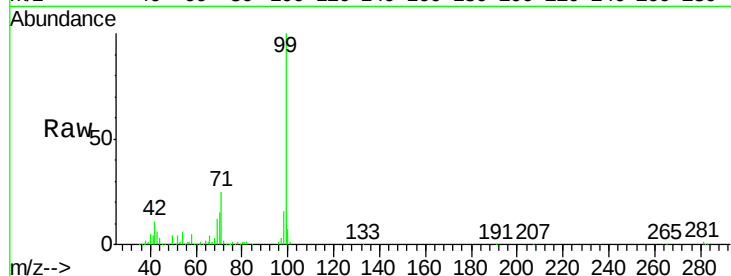
Tot Ion: 99 Resp: 311281

Ion Ratio Lower Upper

99 100

42 10.8 20.5 30.7#

71 24.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027905.D

Acq: 11 Jul 2017 2:43

Tgt Ion: 136 Resp: 162291

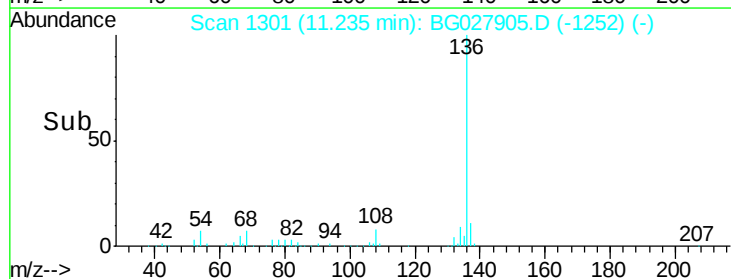
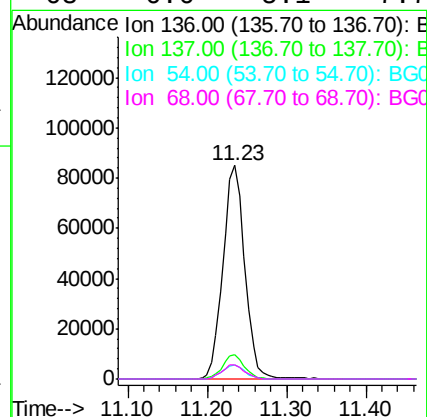
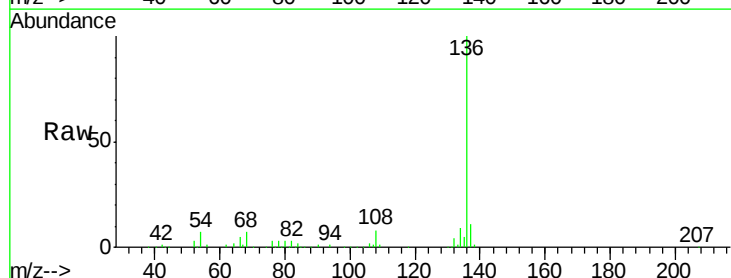
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.7 9.3 13.9#

68 6.6 5.1 7.7

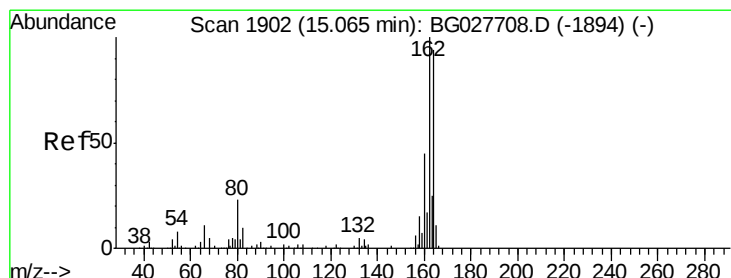
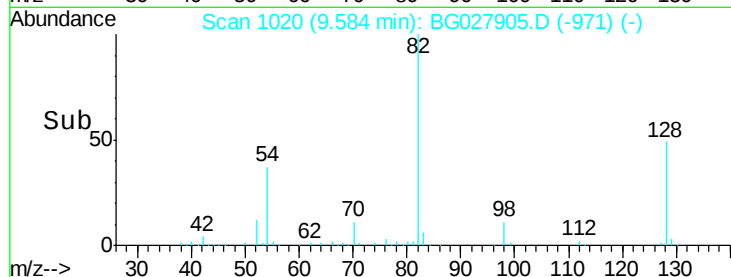
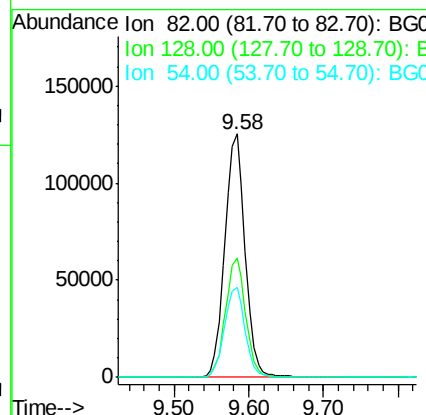
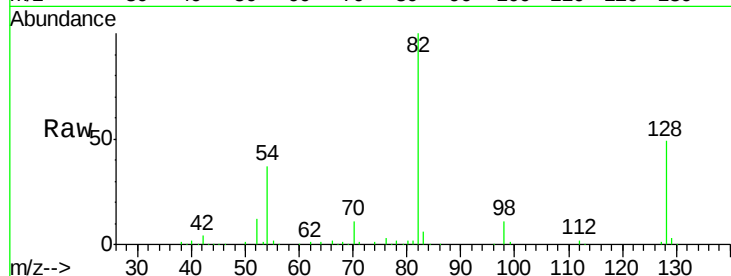




#23
 Nitrobenzene-d5
 Concen: 81.45 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

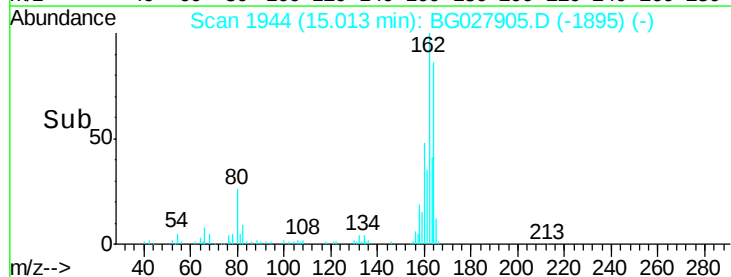
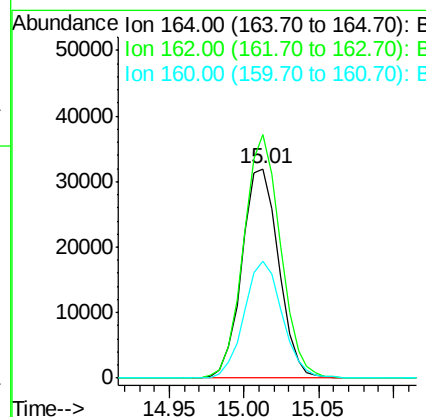
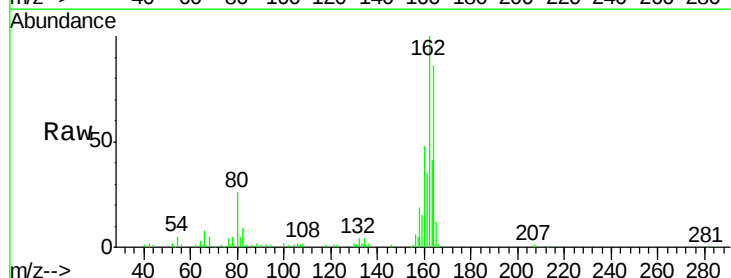
Instrument :
 BNA_G
 ClientSampleId :

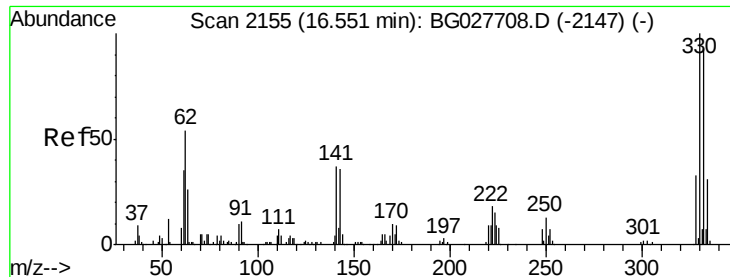
Tot Ion	82	Resp	237135
Ion Ratio	100	Lower	Upper
128	49.1	26.4	39.6#
54	36.7	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Tgt Ion	164	Resp	54626
Ion Ratio	100	Lower	Upper
162	116.2	85.1	127.7
160	55.8	34.7	52.1#

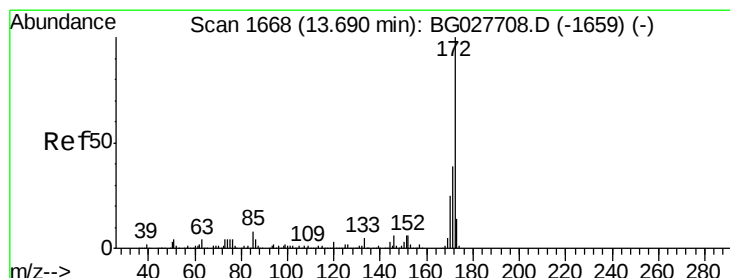
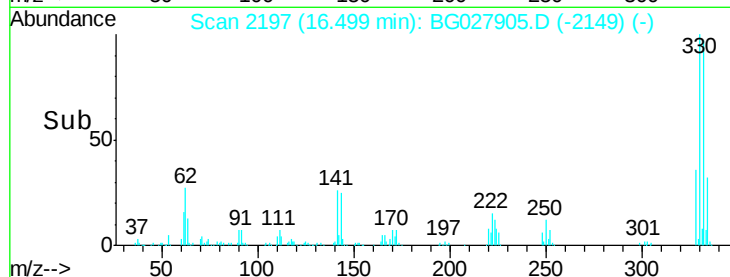
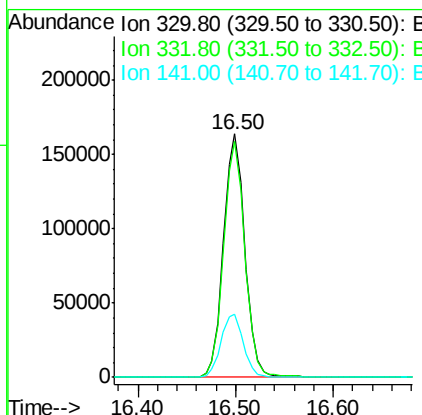
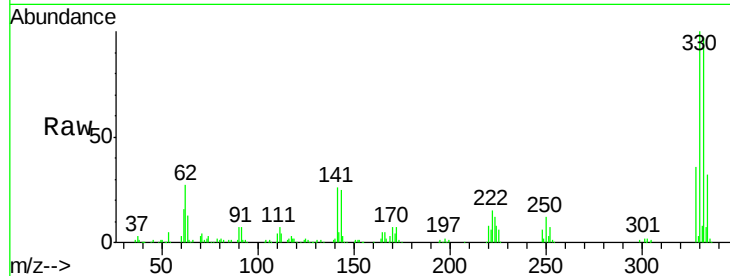




#41
 2,4,6-Tribromophenol
 Concen: 333.22 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

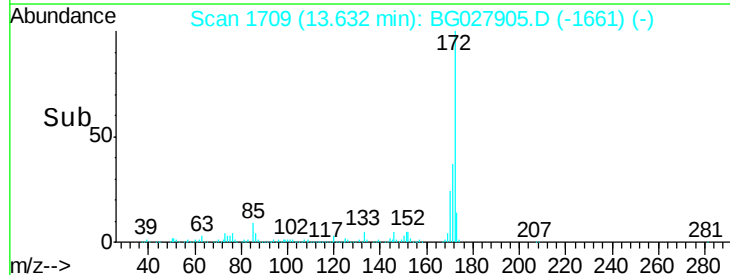
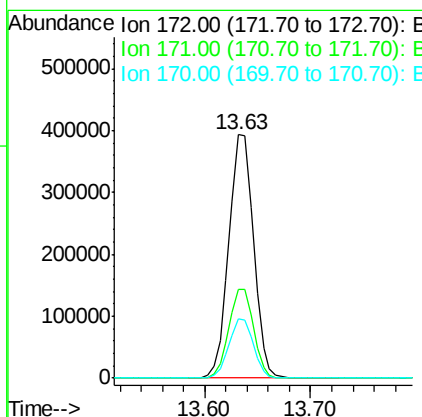
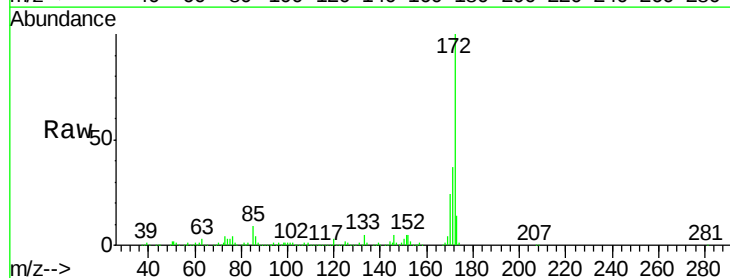
Instrument :
 BNA_G
 ClientSampleId :

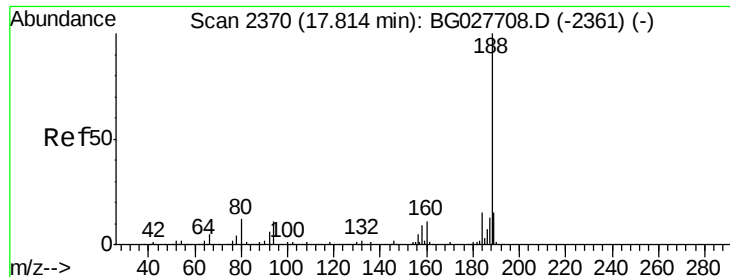
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 166.45 ng
 RT: 13.63 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.1	21.8	32.6

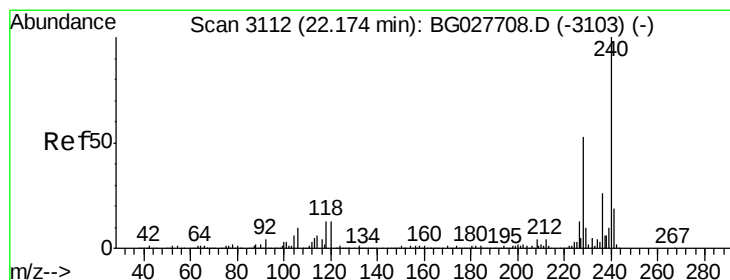
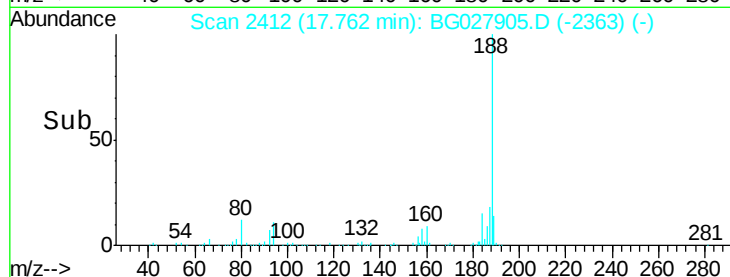
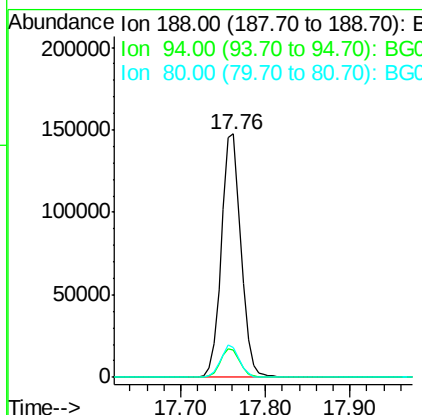
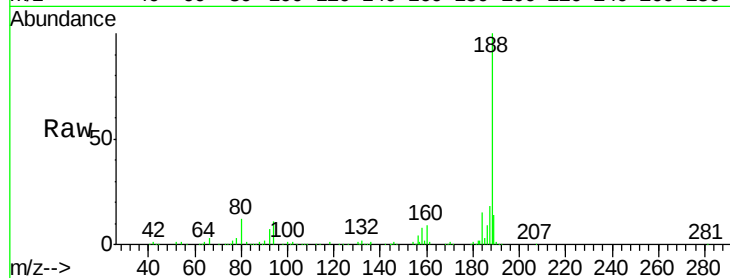




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027905.D
Acq: 11 Jul 2017 2:43

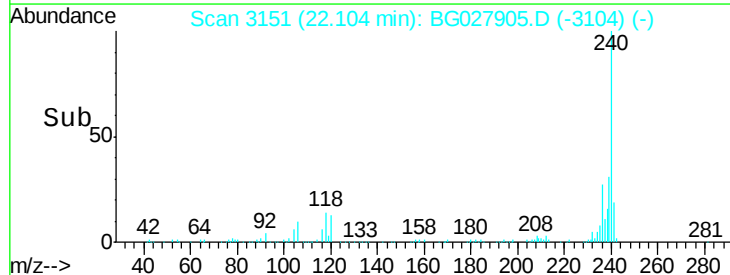
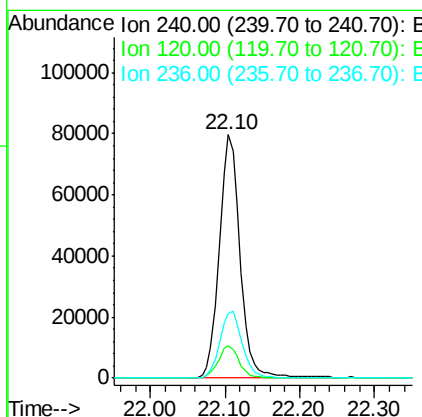
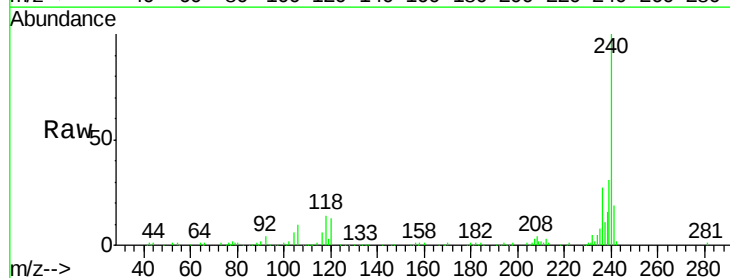
Instrument :
BNA_G
ClientSampleId :

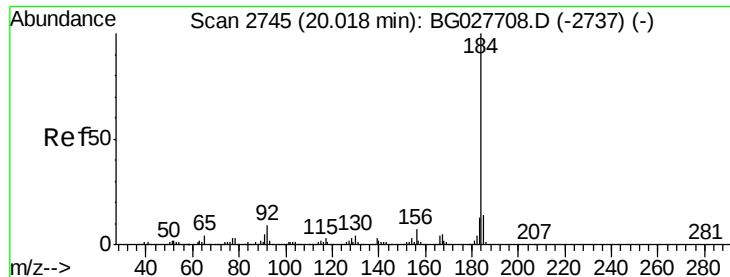
Tot Ion:188 Resp: 238753
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 12.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG027905.D
Acq: 11 Jul 2017 2:43

Tgt Ion:240 Resp: 154492
Ion Ratio Lower Upper
240 100
120 13.5 5.7 8.5#
236 26.7 22.2 33.4





#76

Benzidine

Concen: 3.23 ng

RT: 19.91 min Scan# 2777

Delta R.T. -0.08 min

Lab File: BG027905.D

Acq: 11 Jul 2017 2:43

Instrument :

BNA_G

ClientSampled :

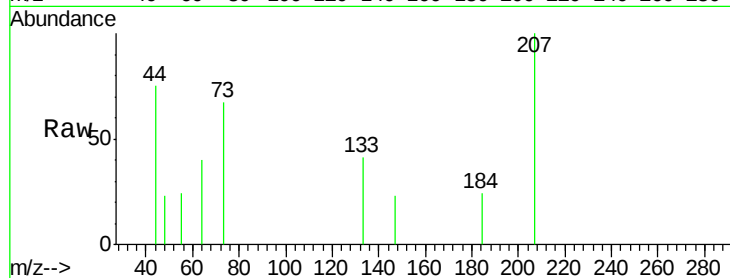
Tot Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

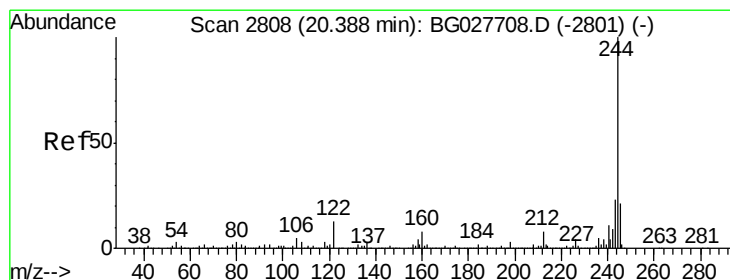
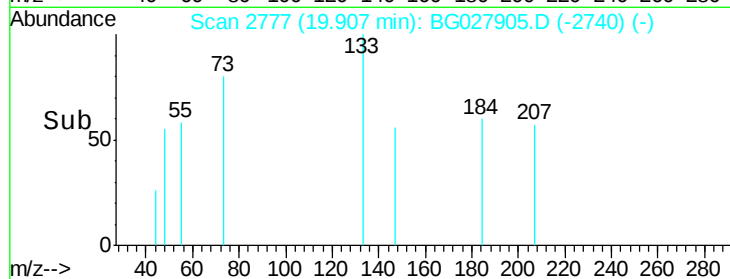
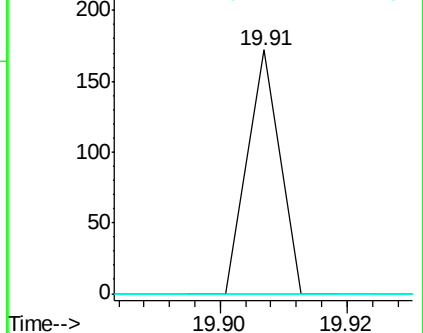
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 212.29 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG027905.D

Acq: 11 Jul 2017 2:43

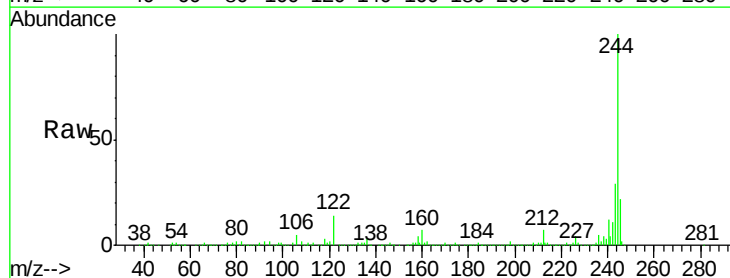
Tgt Ion:244 Resp: 1398954

Ion Ratio Lower Upper

244 100

212 6.8 10.0 15.0#

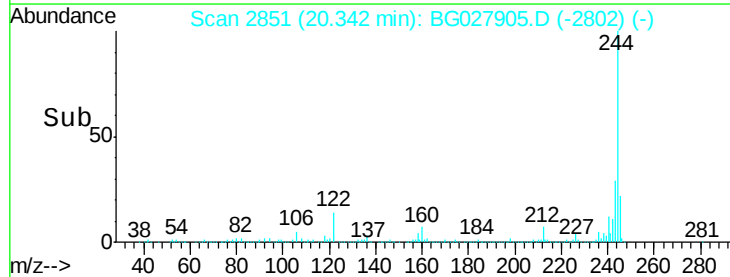
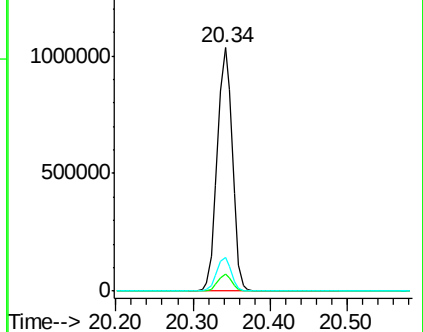
122 13.9 8.6 12.8#

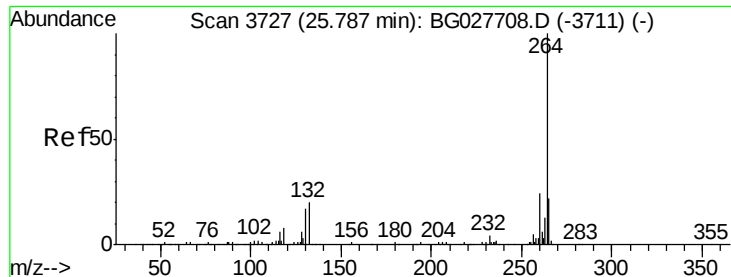


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.66 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG027905.D
Acq: 11 Jul 2017 2:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	31.7	21.8	32.8
265	26.7	18.2	27.4

