

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026387.D
 Acq On : 22 Mar 2017 22:36
 Operator : SJ/MA
 Sample : I2350-05
 Misc : L00 20 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 01:15:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

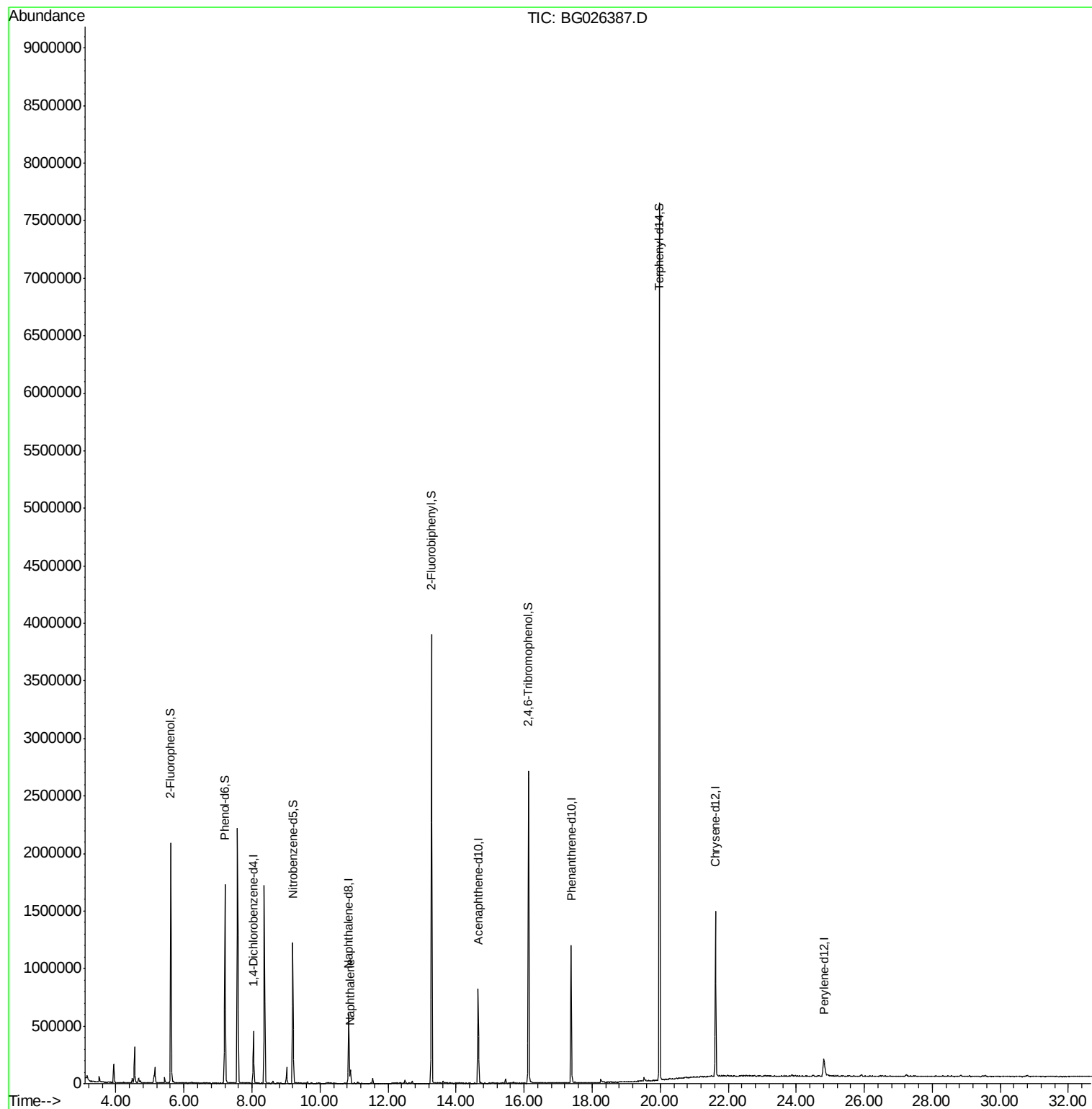
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	145875	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	577130	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	291532	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	788726	20.00	ng	0.00
75) Chrysene-d12	21.63	240	854417	20.00	ng	-0.01
86) Perylene-d12	24.81	264	80401	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1075165	130.82	ng	0.00
7) Phenol-d6	7.21	99	1229400	111.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	799408	83.29	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	596694	178.73	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2123989	102.17	ng	0.00
78) Terphenyl-d14	19.98	244	3112896	88.48	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	112728	3.86	ng	Qvalue 99

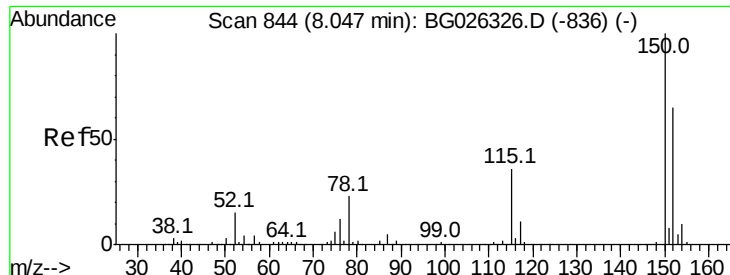
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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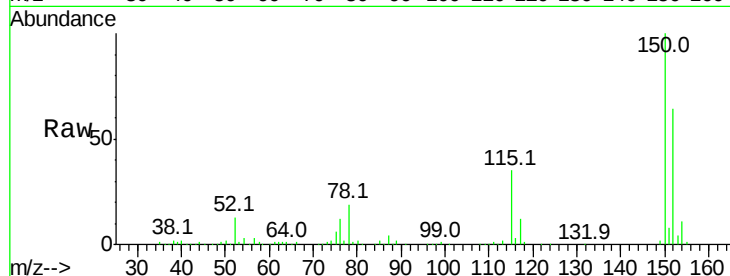


#1

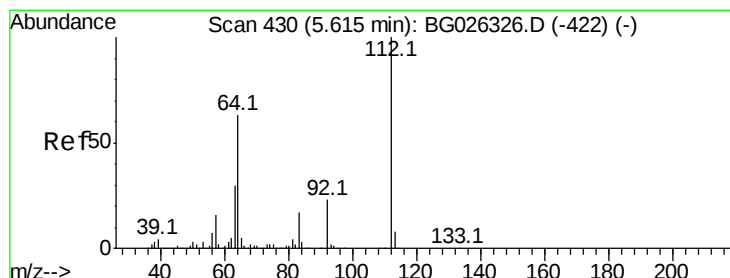
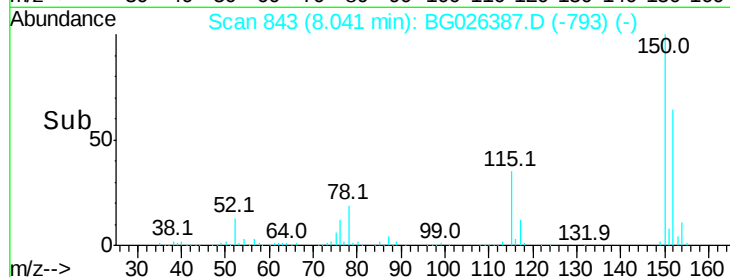
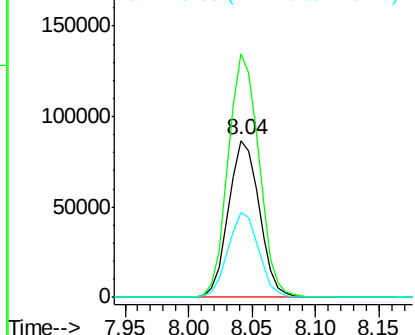
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026387.D
Acq: 22 Mar 2017 22:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 145875
Ion Ratio Lower Upper
152 100
150 155.5 114.0 171.0
115 53.9 48.1 72.1



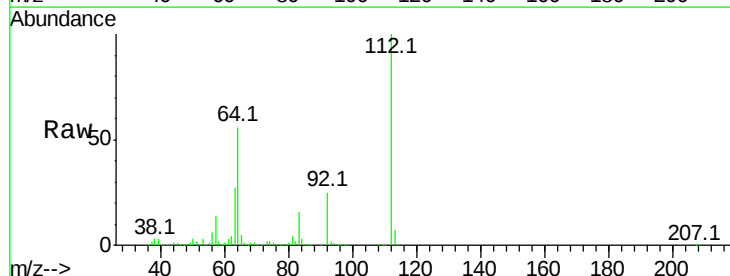
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



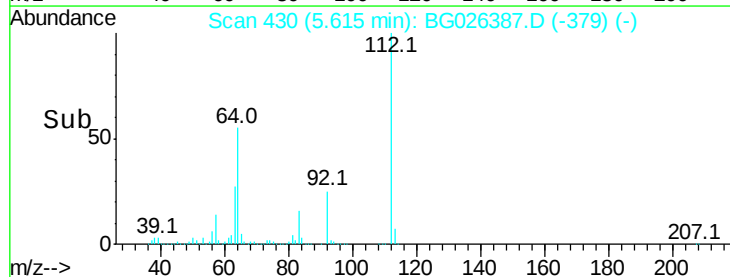
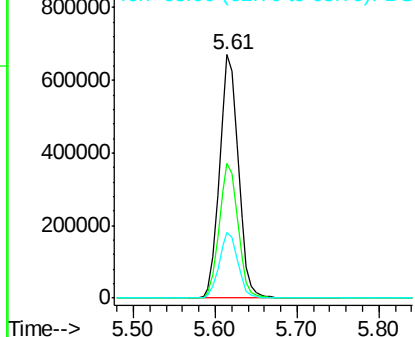
#5

2-Fluorophenol
Concen: 130.82 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026387.D
Acq: 22 Mar 2017 22:36

Tgt Ion:112 Resp: 1075165
Ion Ratio Lower Upper
112 100
64 55.6 61.8 92.6#
63 26.8 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: 111.42 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

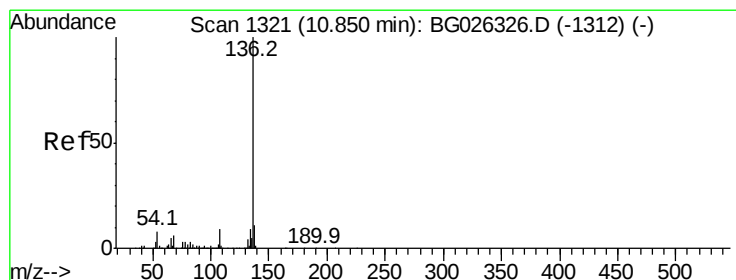
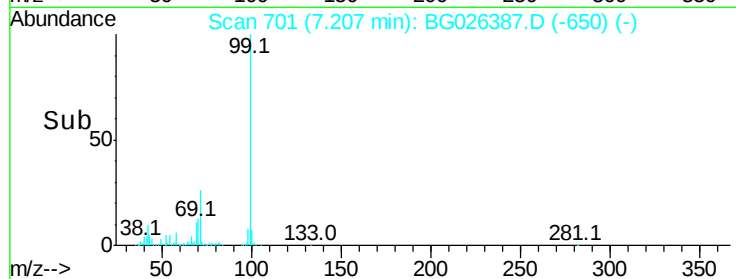
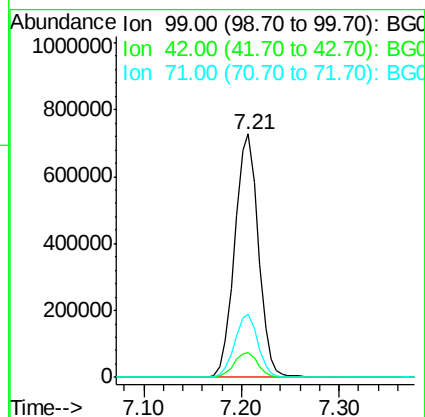
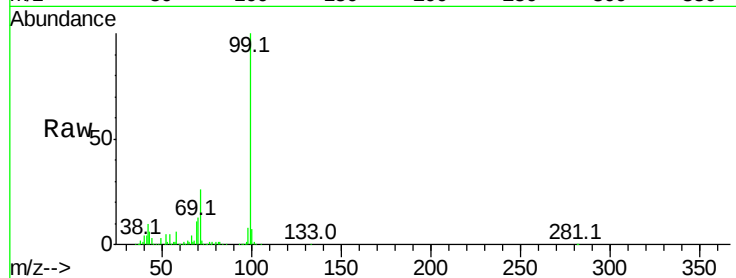
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1229400

Ion	Ratio	Lower	Upper
99	100		
42	10.2	20.5	30.7#
71	25.9	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

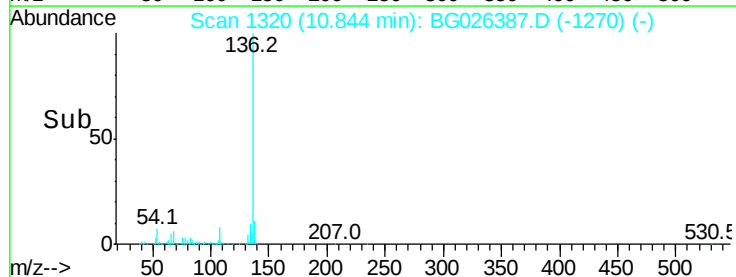
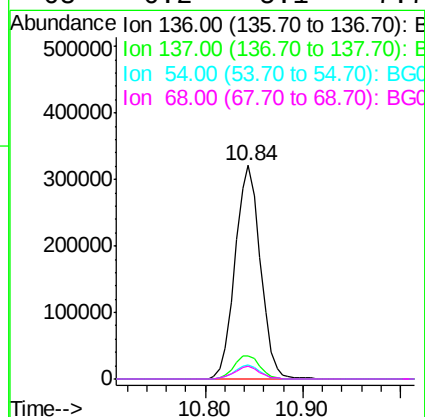
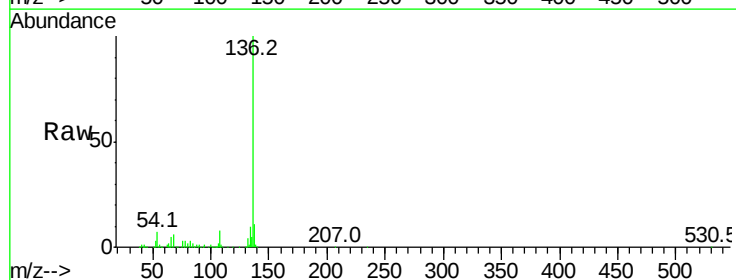
Delta R.T. -0.01 min

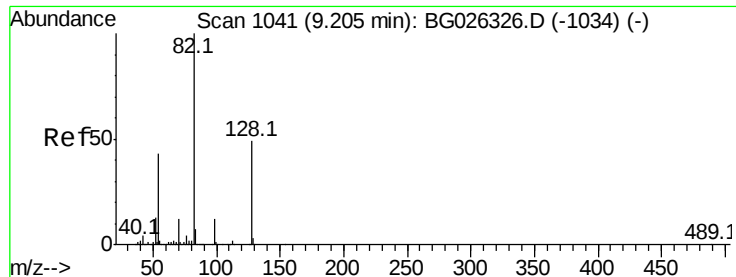
Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Tgt Ion: 136 Resp: 577130

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	9.3	13.9#
68	6.2	5.1	7.7

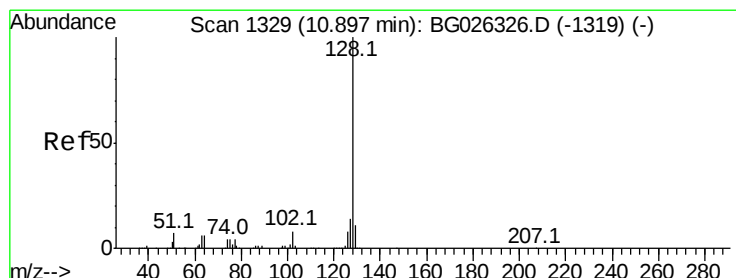
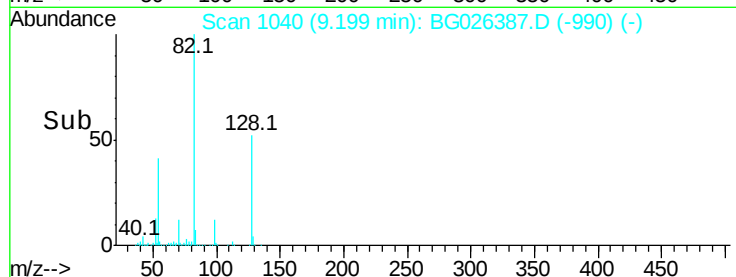
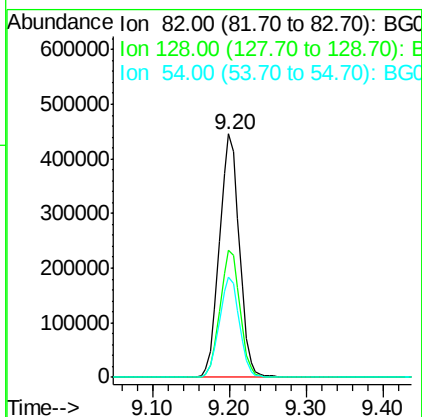
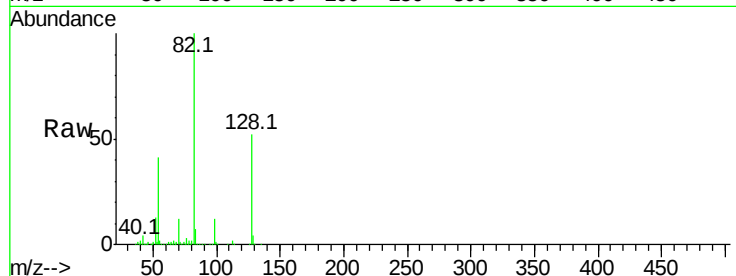




#23
Nitrobenzene-d5
Concen: 83.29 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026387.D
Acq: 22 Mar 2017 22:36

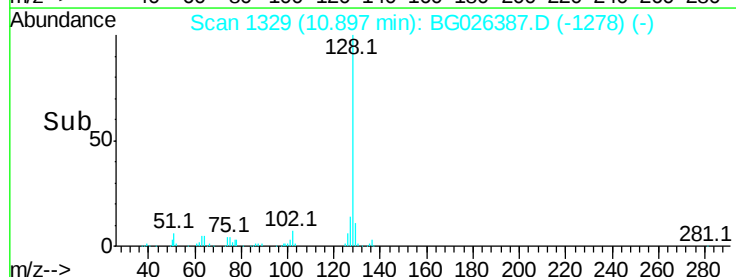
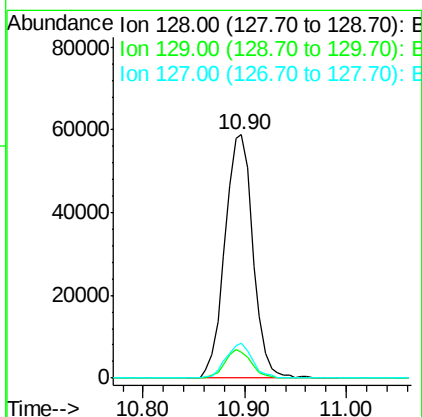
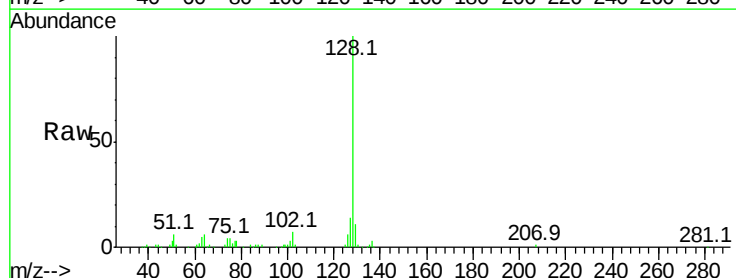
Instrument :
BNA_G
ClientSampleId :

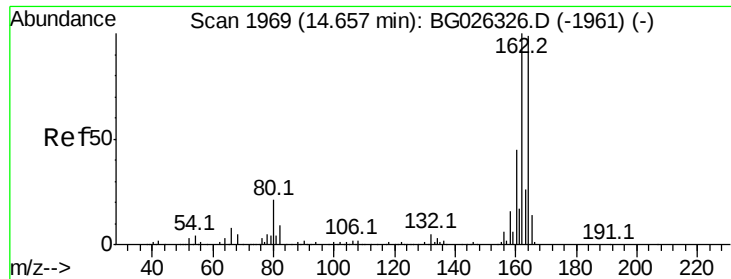
Tot Ion	82	Resp	799408
Ion	Ratio	Lower	Upper
82	100		
128	52.0	26.4	39.6#
54	41.1	49.4	74.2#



#31
Naphthalene
Concen: 3.86 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026387.D
Acq: 22 Mar 2017 22:36

Tgt Ion	128	Resp	112728
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	14.3	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Instrument :

BNA_G

ClientSampleId :

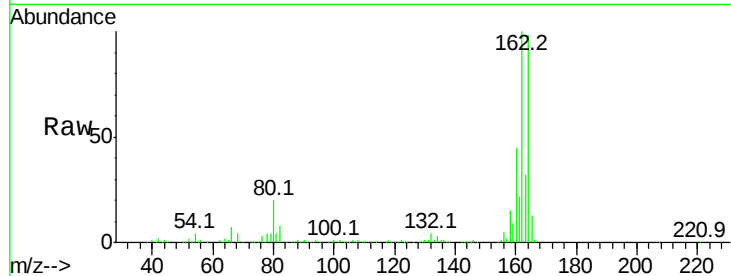
Tot Ion:164 Resp: 291532

Ion Ratio Lower Upper

164 100

162 102.5 85.1 127.7

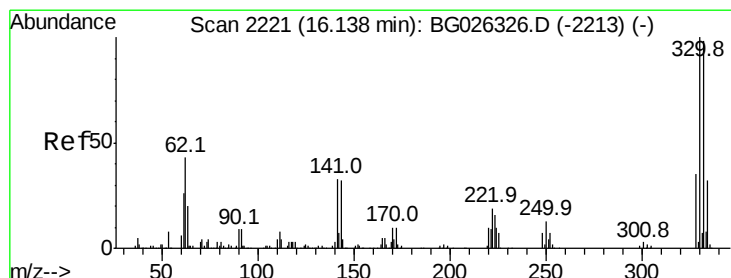
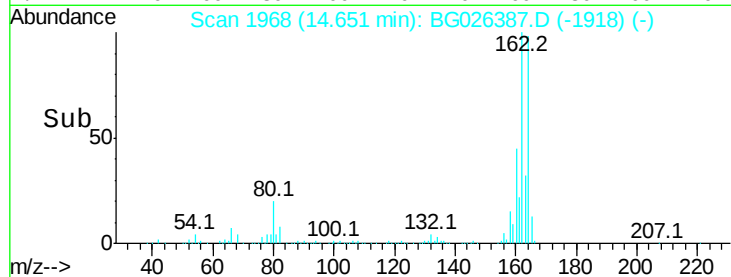
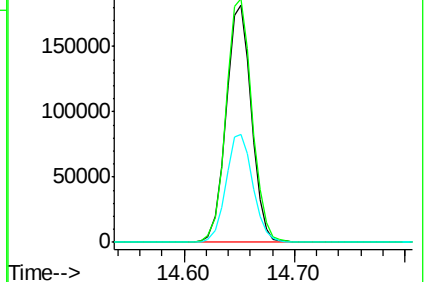
160 45.6 34.7 52.1



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: 178.73 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

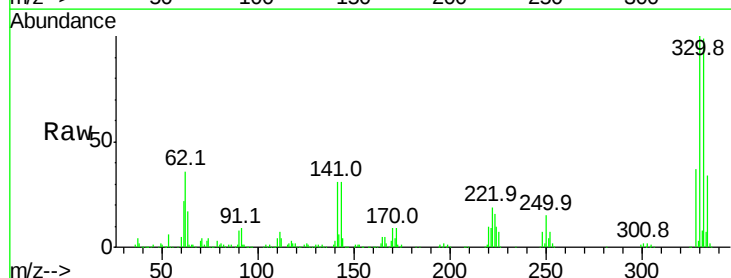
Tgt Ion:330 Resp: 596694

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

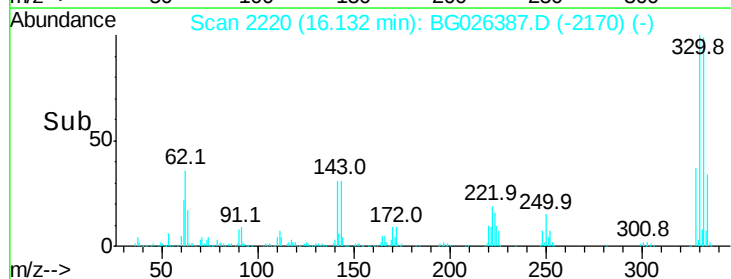
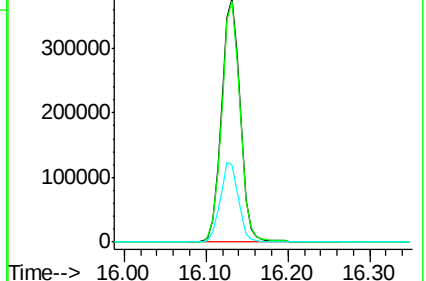
141 32.0 32.1 48.1#

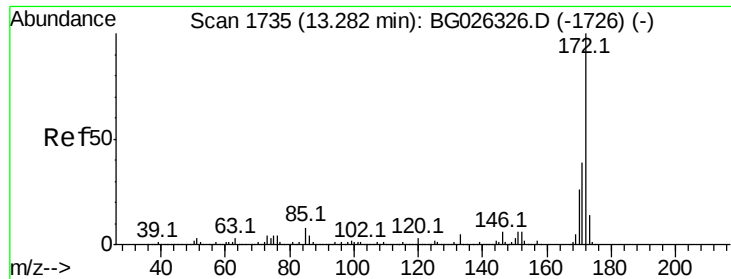


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

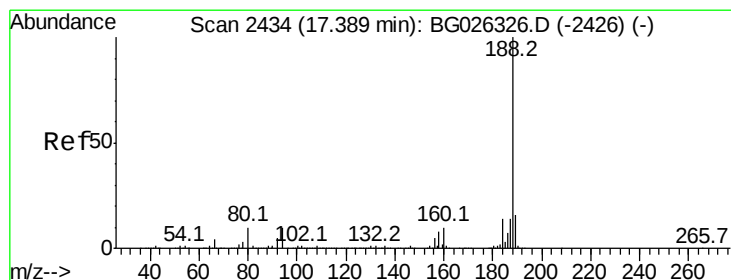
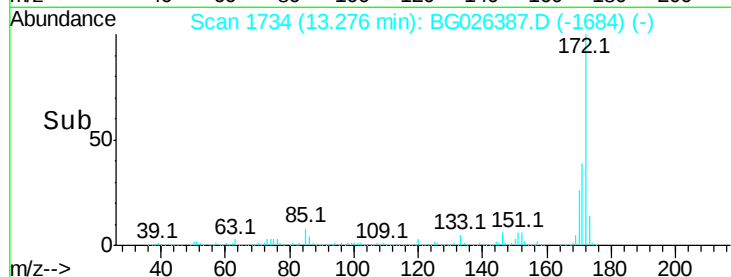
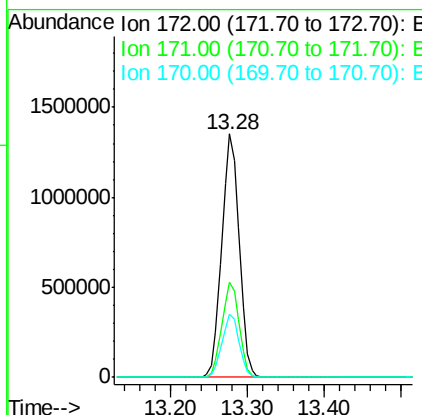
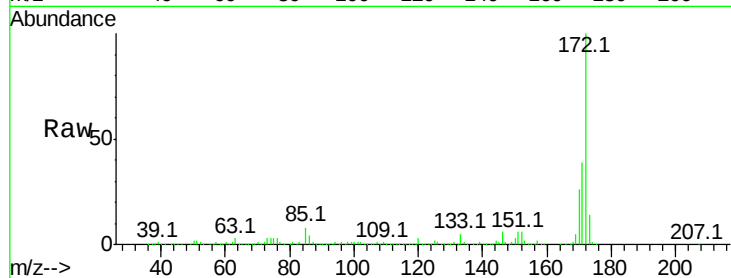




#44
2-Fluorobiphenyl
Concen: 102.17 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG026387.D
Acq: 22 Mar 2017 22:36

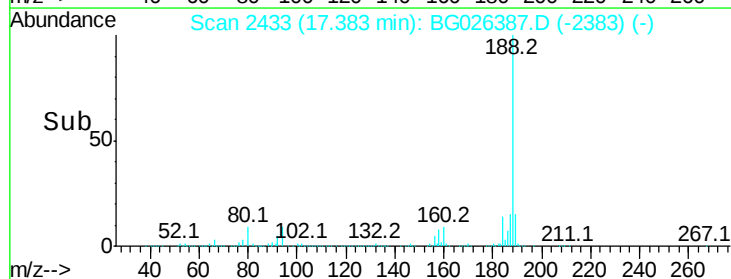
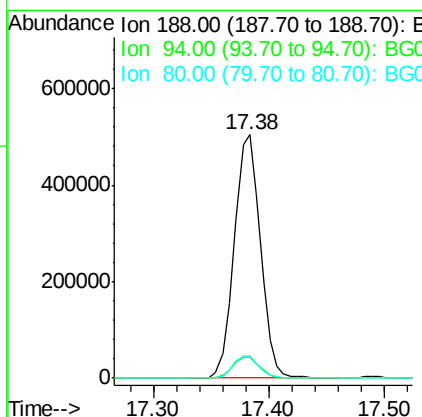
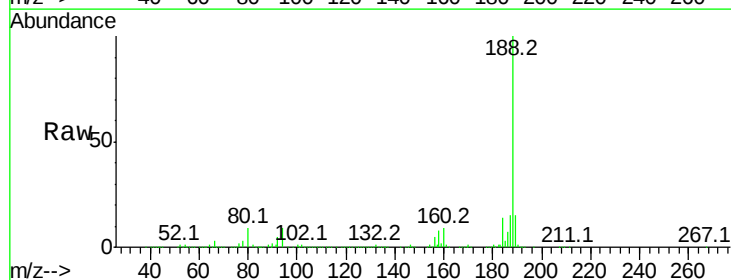
Instrument :
BNA_G
ClientSampleId :

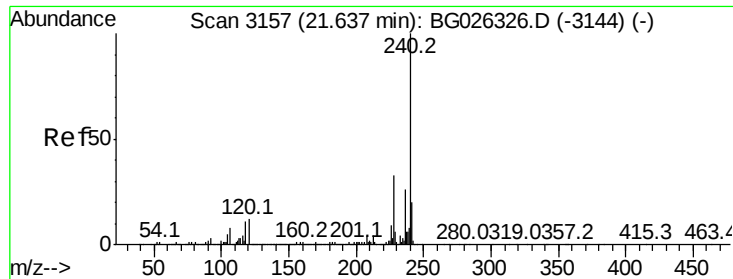
Tot Ion:172 Resp: 2123989
Ion Ratio Lower Upper
172 100
171 39.0 32.2 48.2
170 26.0 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026387.D
Acq: 22 Mar 2017 22:36

Tgt Ion:188 Resp: 788726
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Instrument :

BNA_G

ClientSampleId :

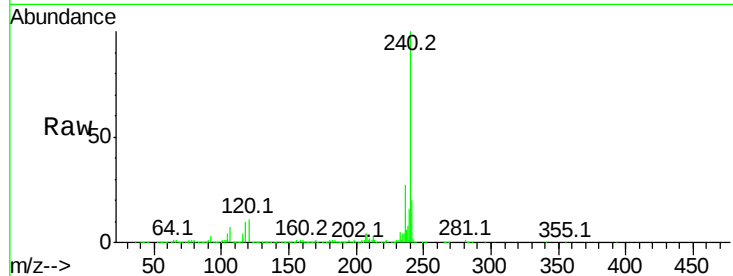
Tot Ion:240 Resp: 854417

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

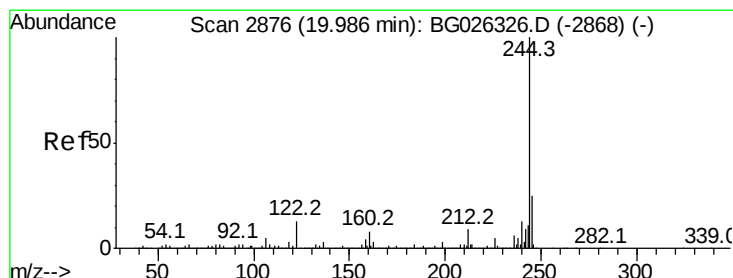
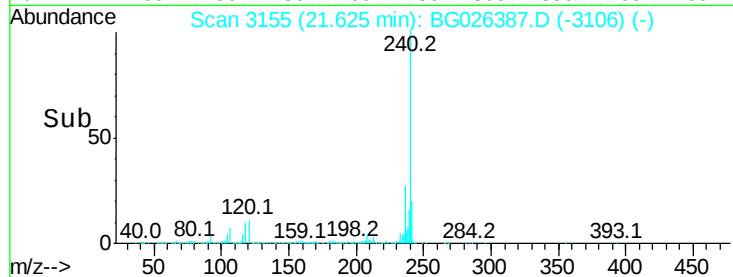
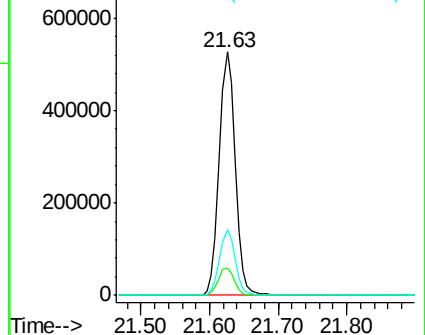
236 26.7 22.2 33.4



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: 88.48 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

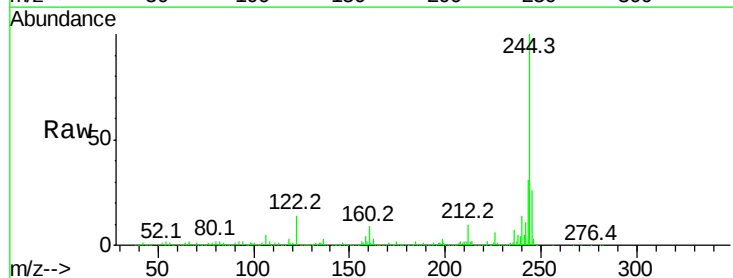
Tgt Ion:244 Resp: 3112896

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

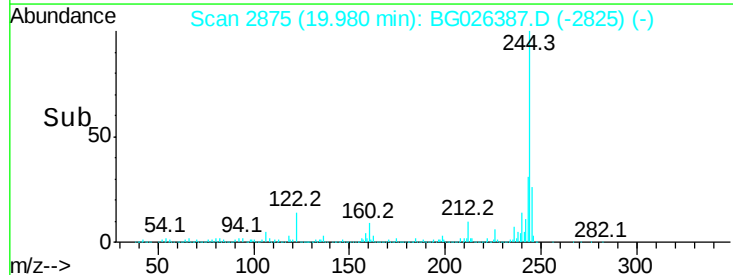
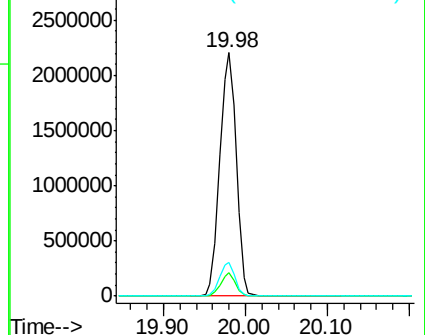
122 13.7 8.6 12.8#

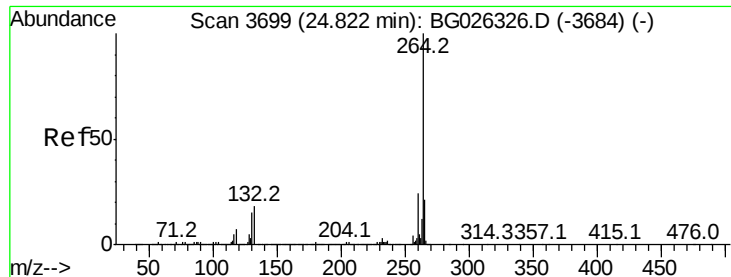


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

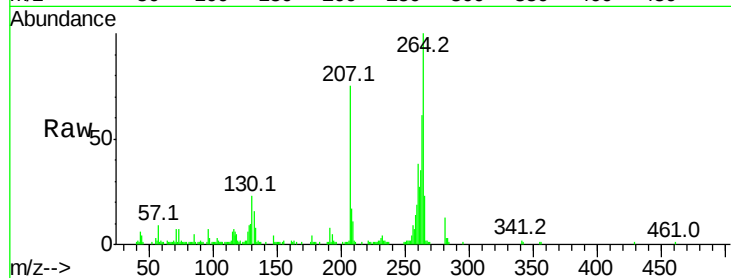




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.01 min
 Lab File: BG026387.D
 Acq: 22 Mar 2017 22:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	38.0	21.8	32.8#
265	22.8	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

