

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030217\
 Data File : BG026025.D
 Acq On : 2 Mar 2017 12:01
 Operator : SJ/MA
 Sample : PB97270TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97270TB

Quant Time: Mar 02 14:59:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	118191	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	477074	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	256975	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	587802	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	569432	20.00	ng	-0.03
86) Perylene-d12	24.85	264	510428	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1083338	159.58	ng	0.00
7) Phenol-d6	7.23	99	1369734	136.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	756020	100.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	439841	185.26	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1837139	124.92	ng	-0.01
78) Terphenyl-d14	20.00	244	2374734	101.43	ng	-0.02

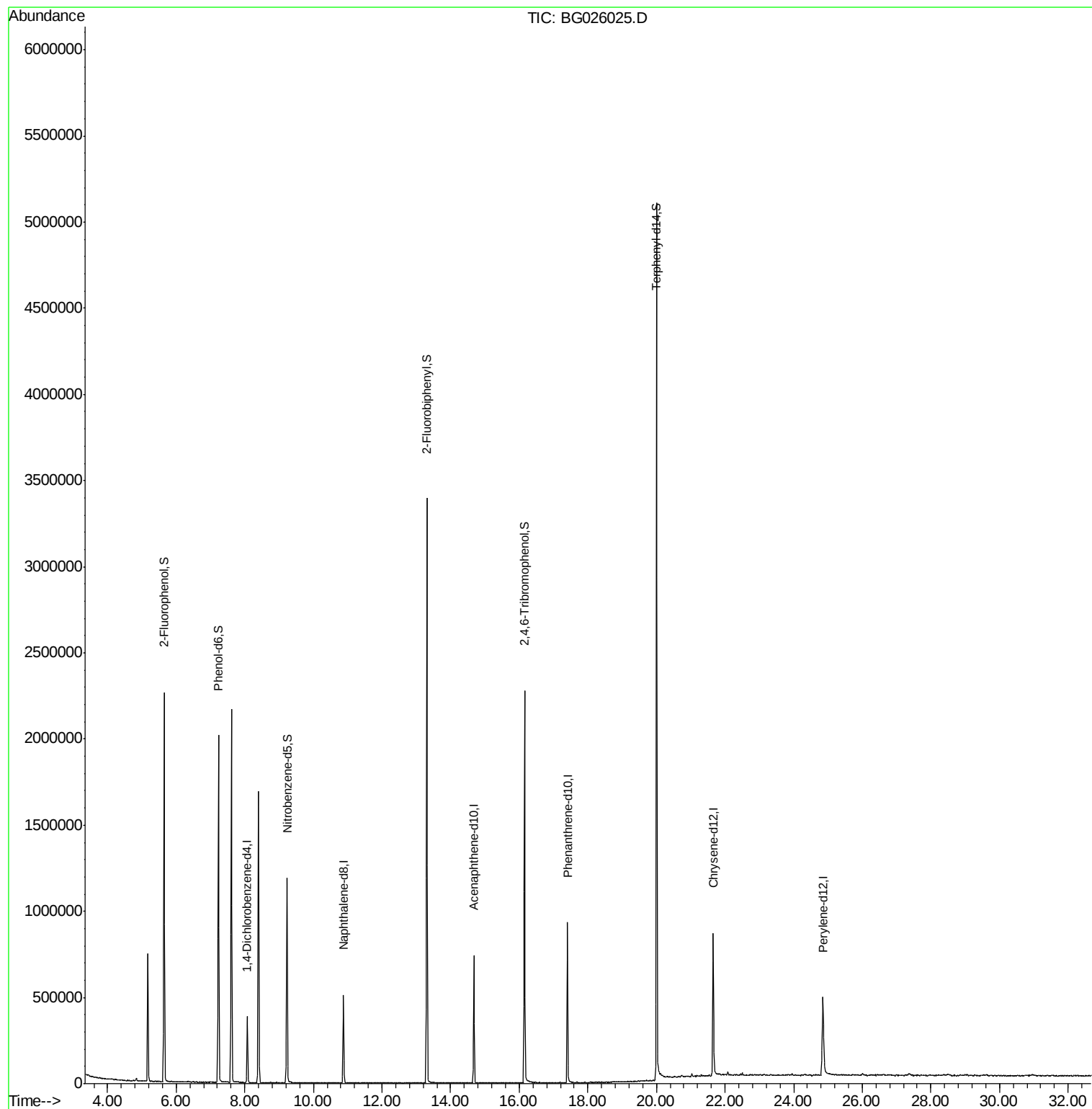
Target Compounds Qvalue

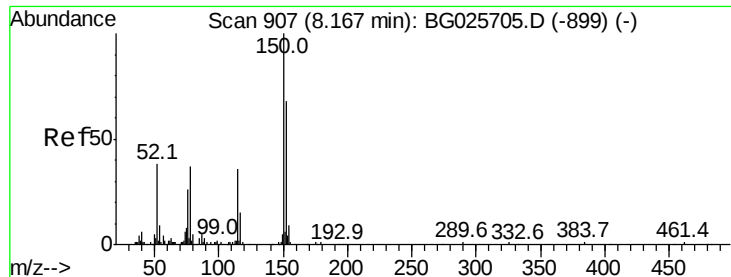
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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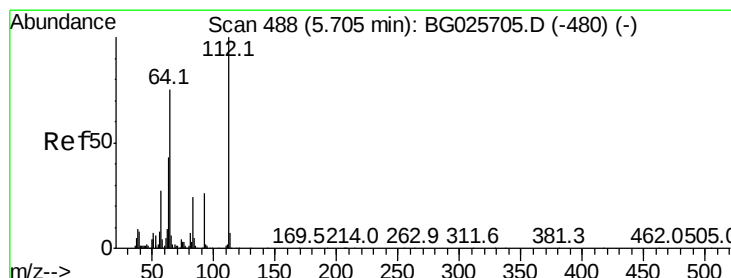
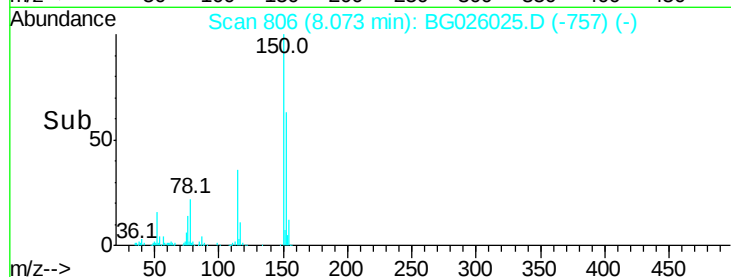
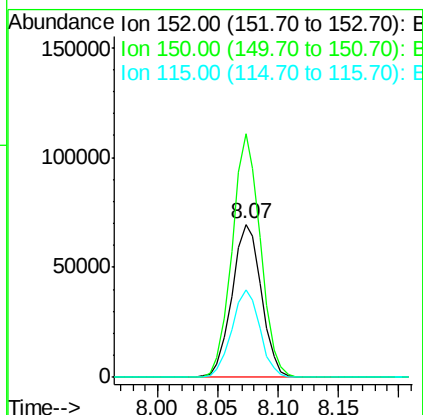
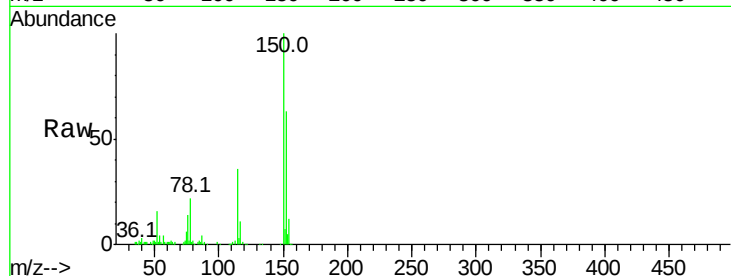


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG026025.D
Acq: 2 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
PB97270TB

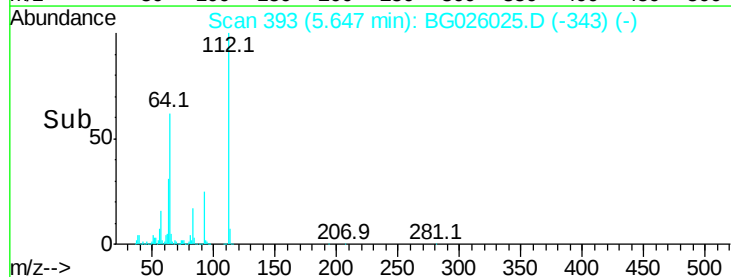
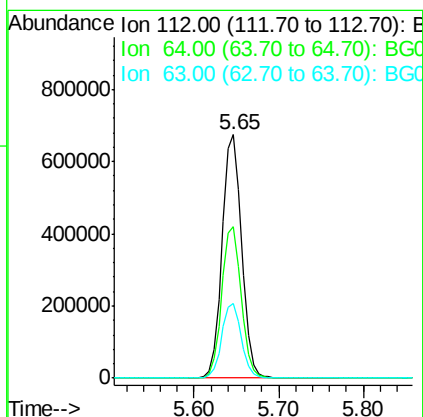
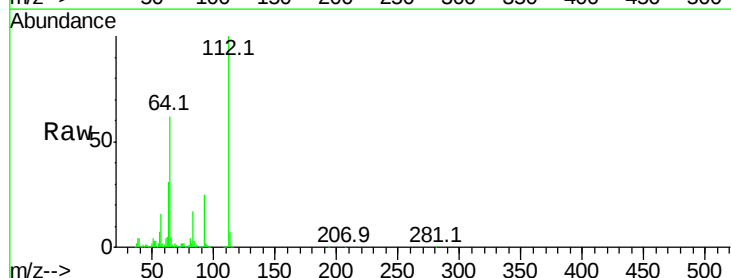
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	114.0	171.0
115	57.5	48.1	72.1

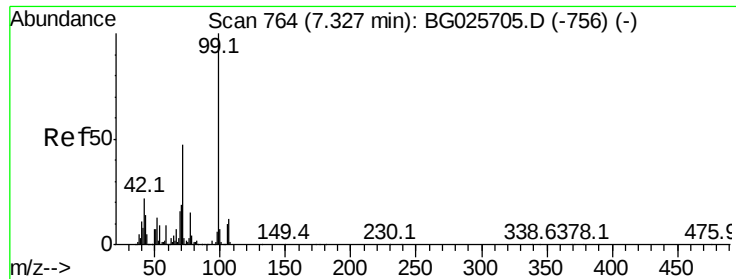


#5

2-Fluorophenol
Concen: 159.58 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG026025.D
Acq: 2 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	61.8	92.6
63	30.9	37.2	55.8





#7

Phenol-d6

Concen: 136.35 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Instrument :

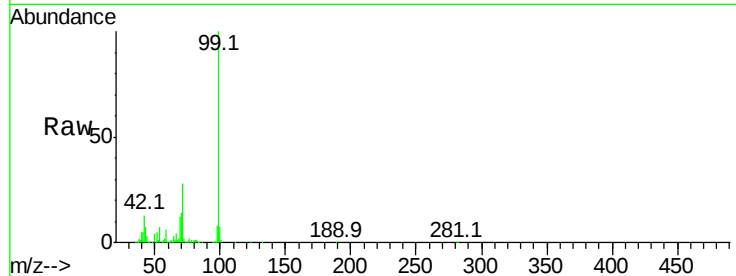
BNA_G

ClientSampleId :

PB97270TB

Tot Ion: 99 Resp: 1369734

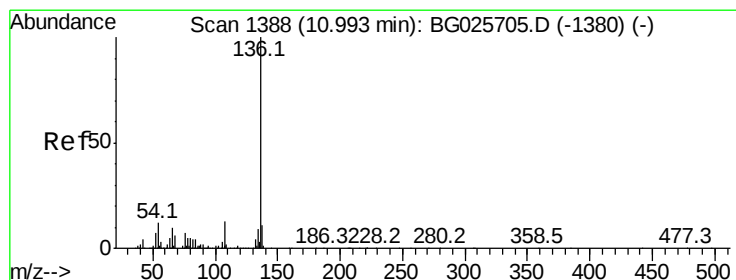
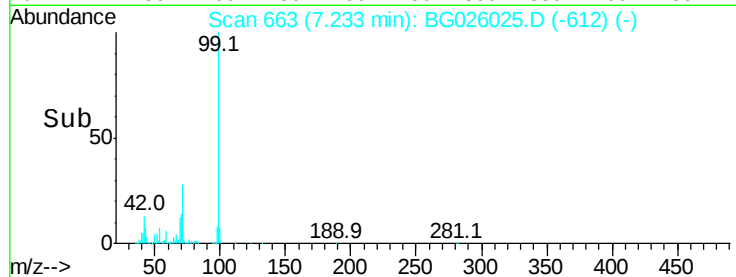
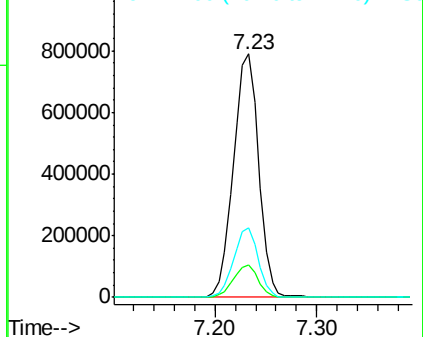
Ion	Ratio	Lower	Upper
99	100		
42	13.2	20.5	30.7#
71	28.3	37.6	56.4#



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: 20.00 ng

RT: 10.88 min Scan# 1283

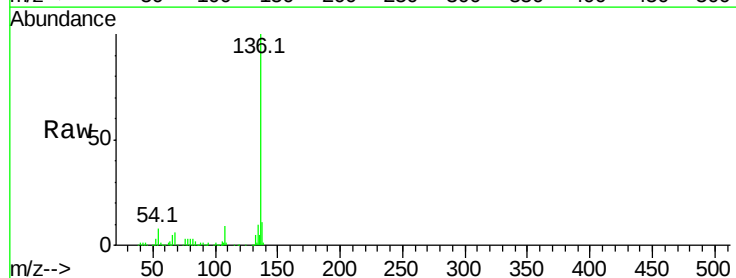
Delta R.T. -0.02 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Tgt Ion: 136 Resp: 477074

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	9.3	13.9#
68	6.4	5.1	7.7

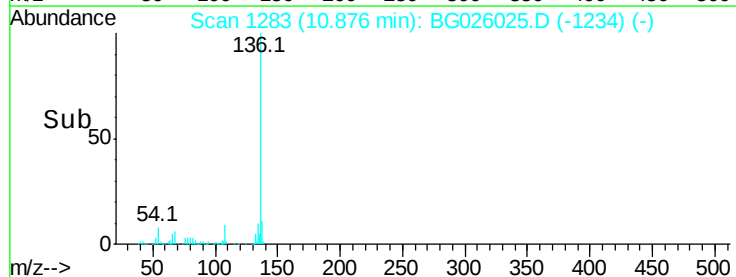
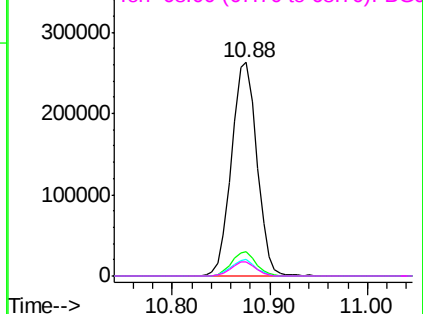


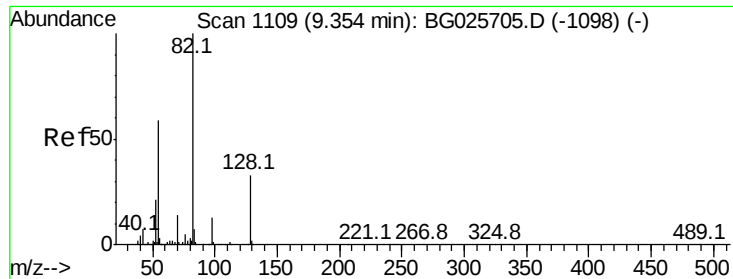
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

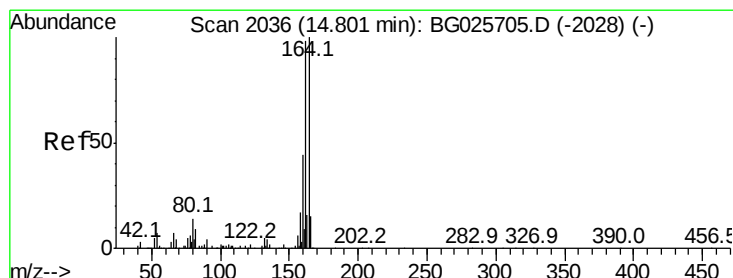
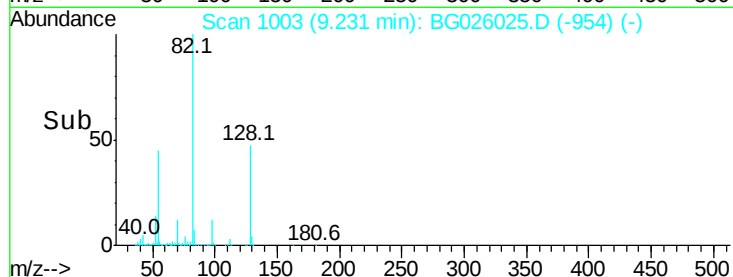
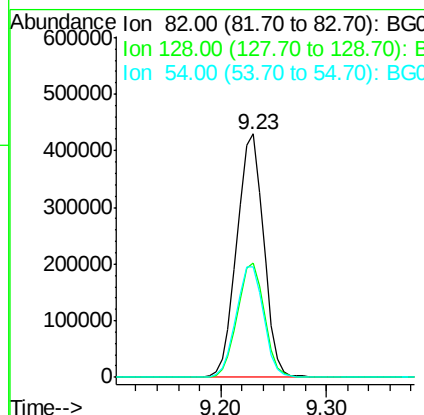
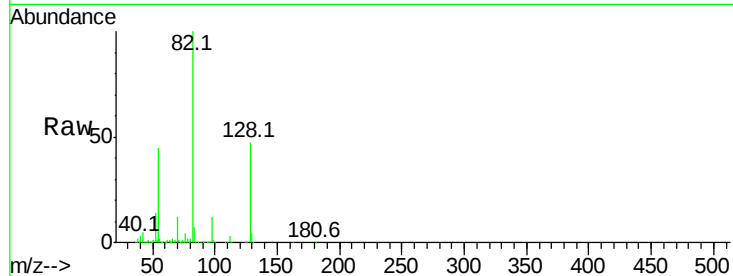




#23
 Nitrobenzene-d5
 Concen: 100.01 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026025.D
 Acq: 2 Mar 2017 12:01

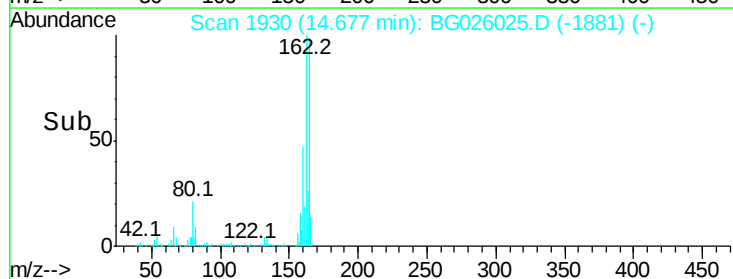
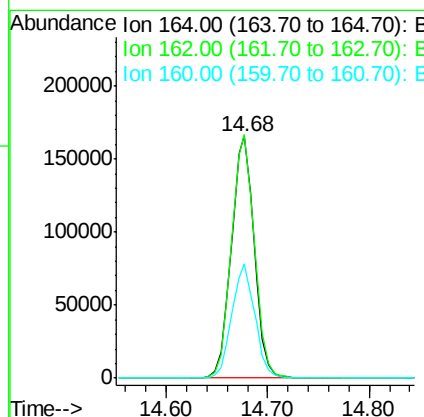
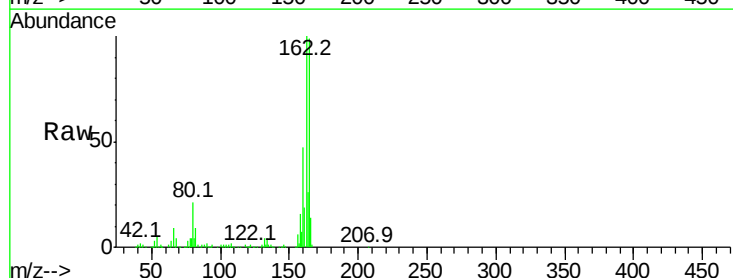
Instrument :
 BNA_G
 ClientSampleID :
 PB97270TB

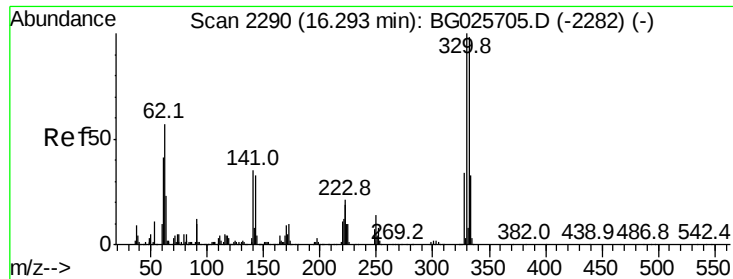
Tot Ion: 82 Resp: 756020
 Ion Ratio Lower Upper
 82 100
 128 47.1 26.4 39.6#
 54 45.2 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG026025.D
 Acq: 2 Mar 2017 12:01

Tgt Ion:164 Resp: 256975
 Ion Ratio Lower Upper
 164 100
 162 100.7 85.1 127.7
 160 47.2 34.7 52.1

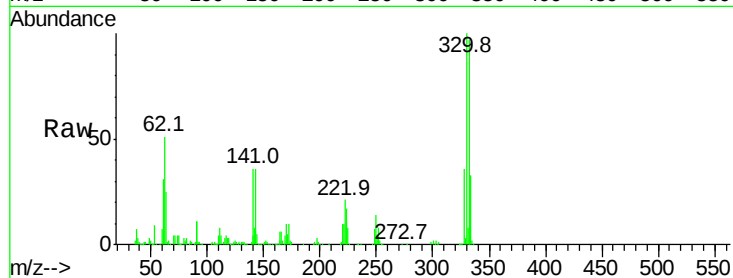




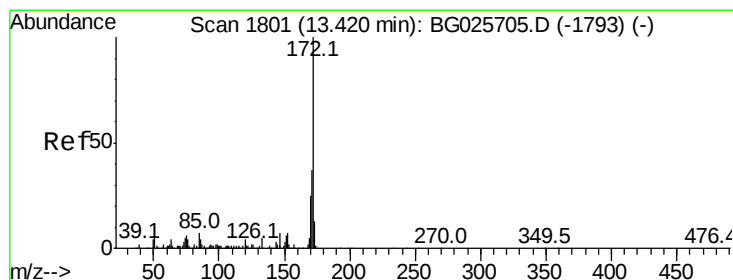
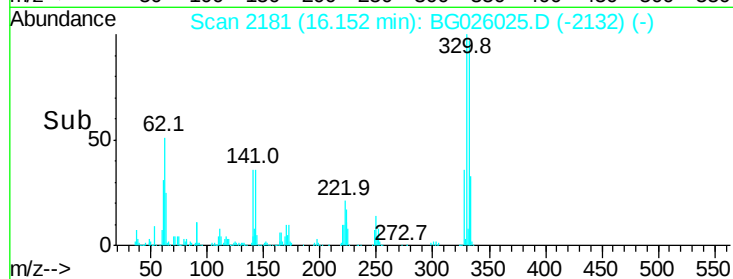
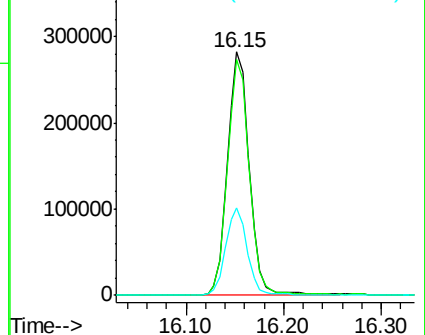
#41
 2,4,6-Tribromophenol
 Concen: 185.26 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BG026025.D
 Acq: 2 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 PB97270TB

Tot Ion:330 Resp: 439841
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 35.4 32.1 48.1

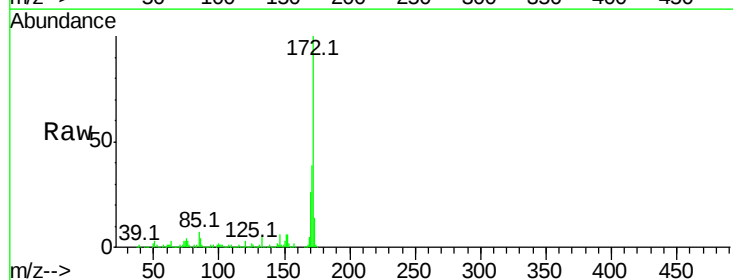


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

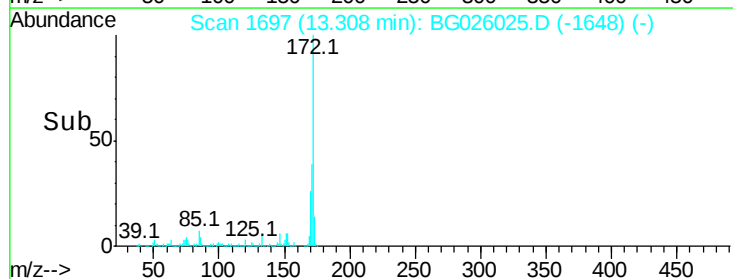
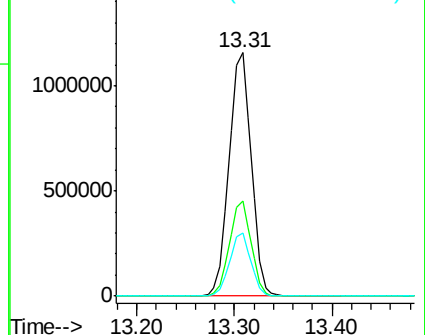


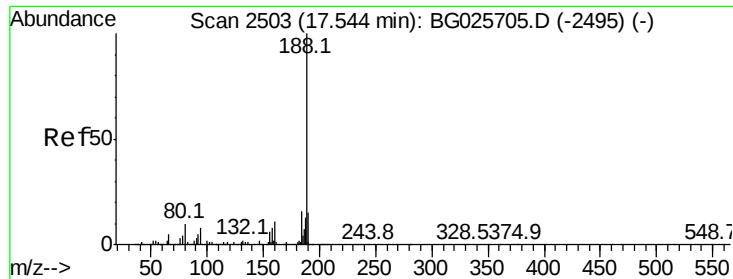
#44
 2-Fluorobiphenyl
 Concen: 124.92 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG026025.D
 Acq: 2 Mar 2017 12:01

Tgt Ion:172 Resp: 1837139
 Ion Ratio Lower Upper
 172 100
 171 39.0 32.2 48.2
 170 26.1 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

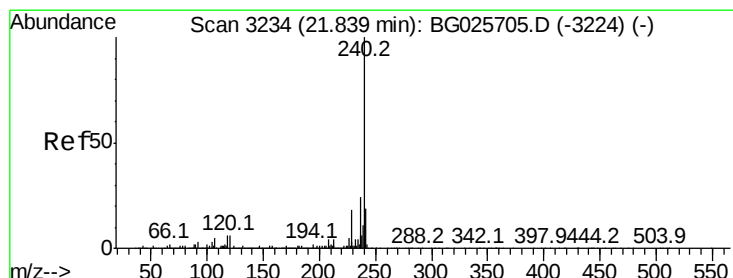
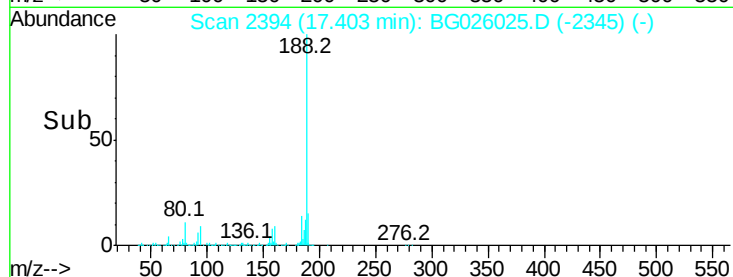
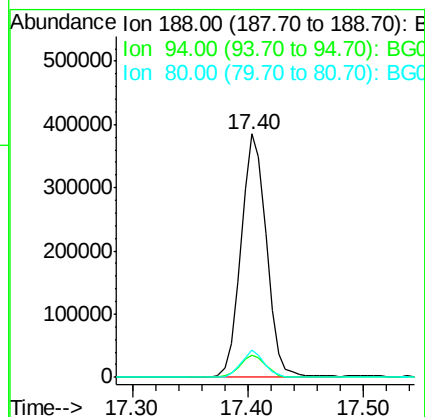
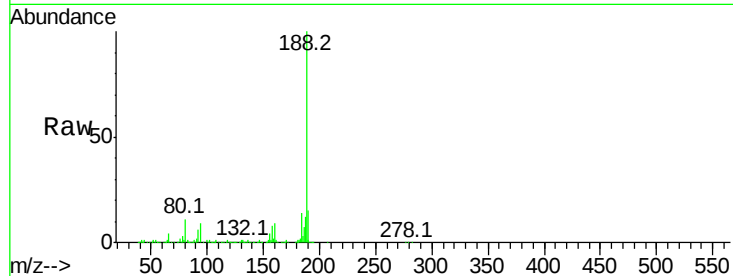




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026025.D
Acq: 2 Mar 2017 12:01

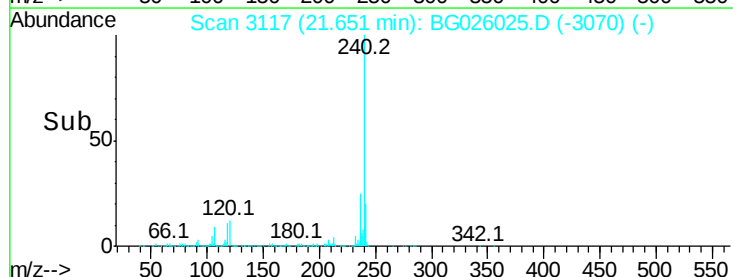
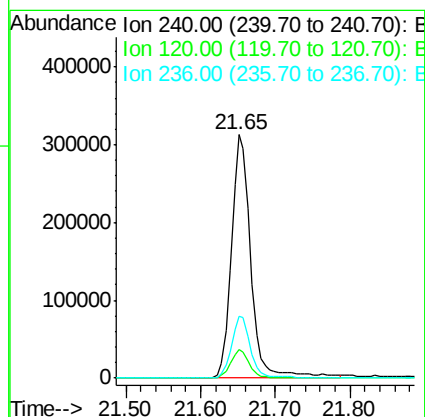
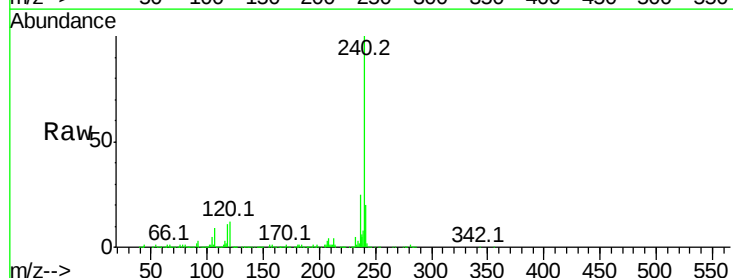
Instrument :
BNA_G
ClientSampleId :
PB97270TB

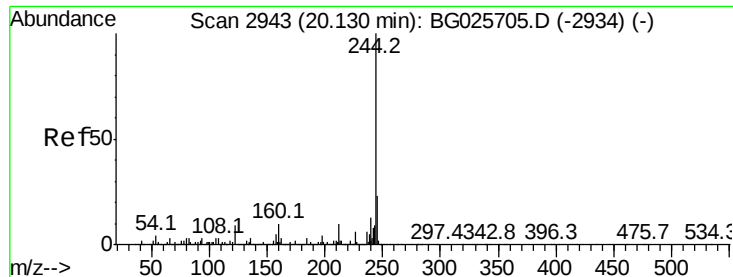
Tot Ion:188 Resp: 587802
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.8#
80 11.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG026025.D
Acq: 2 Mar 2017 12:01

Tgt Ion:240 Resp: 569432
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.3 22.2 33.4





#78

Terphenyl-d14

Concen: 101.43 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

PB97270TB

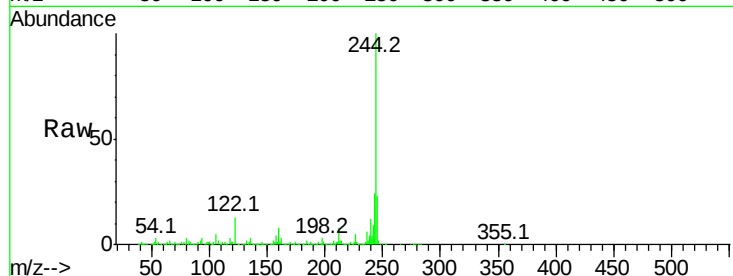
Tot Ion:244 Resp: 2374734

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

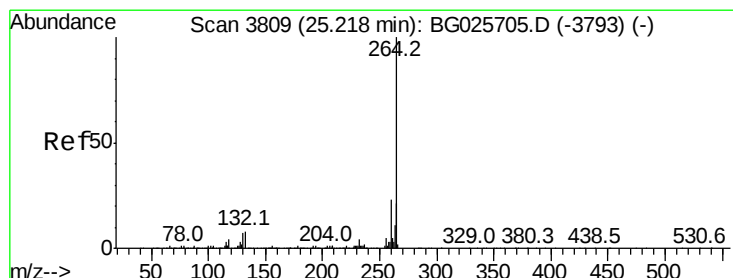
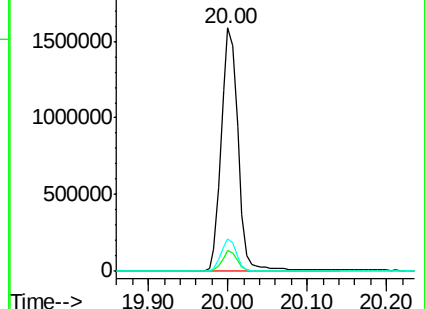
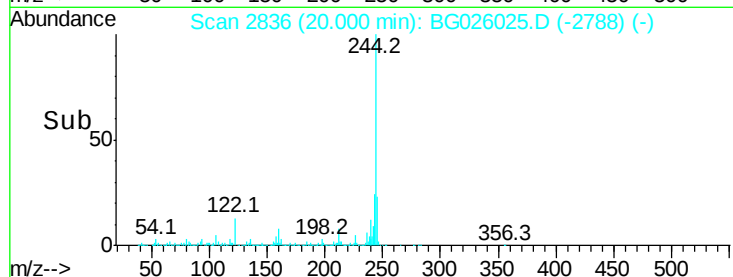
122 13.1 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

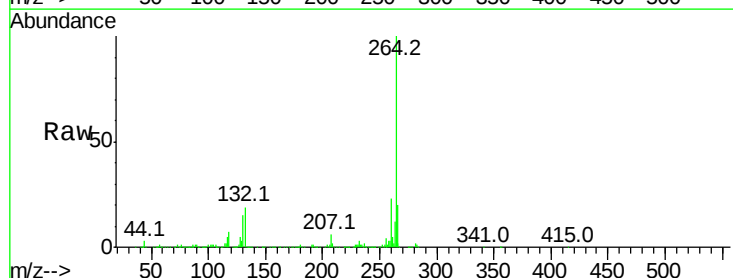
Tgt Ion:264 Resp: 510428

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 20.1 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

