

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026576.D
 Acq On : 6 Apr 2017 21:41
 Operator : SJ/MA
 Sample : I2532-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 53A

Quant Time: Apr 07 01:13:42 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	178719	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	708850	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	400921	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	950247	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1129782	20.00	ng	0.00
86) Perylene-d12	24.81	264	1097288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	623371	61.91	ng	0.00
7) Phenol-d6	7.20	99	491586	36.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	943680	80.05	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	711782	155.03	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2534630	88.66	ng	0.00
78) Terphenyl-d14	19.98	244	3129712	67.28	ng	0.00

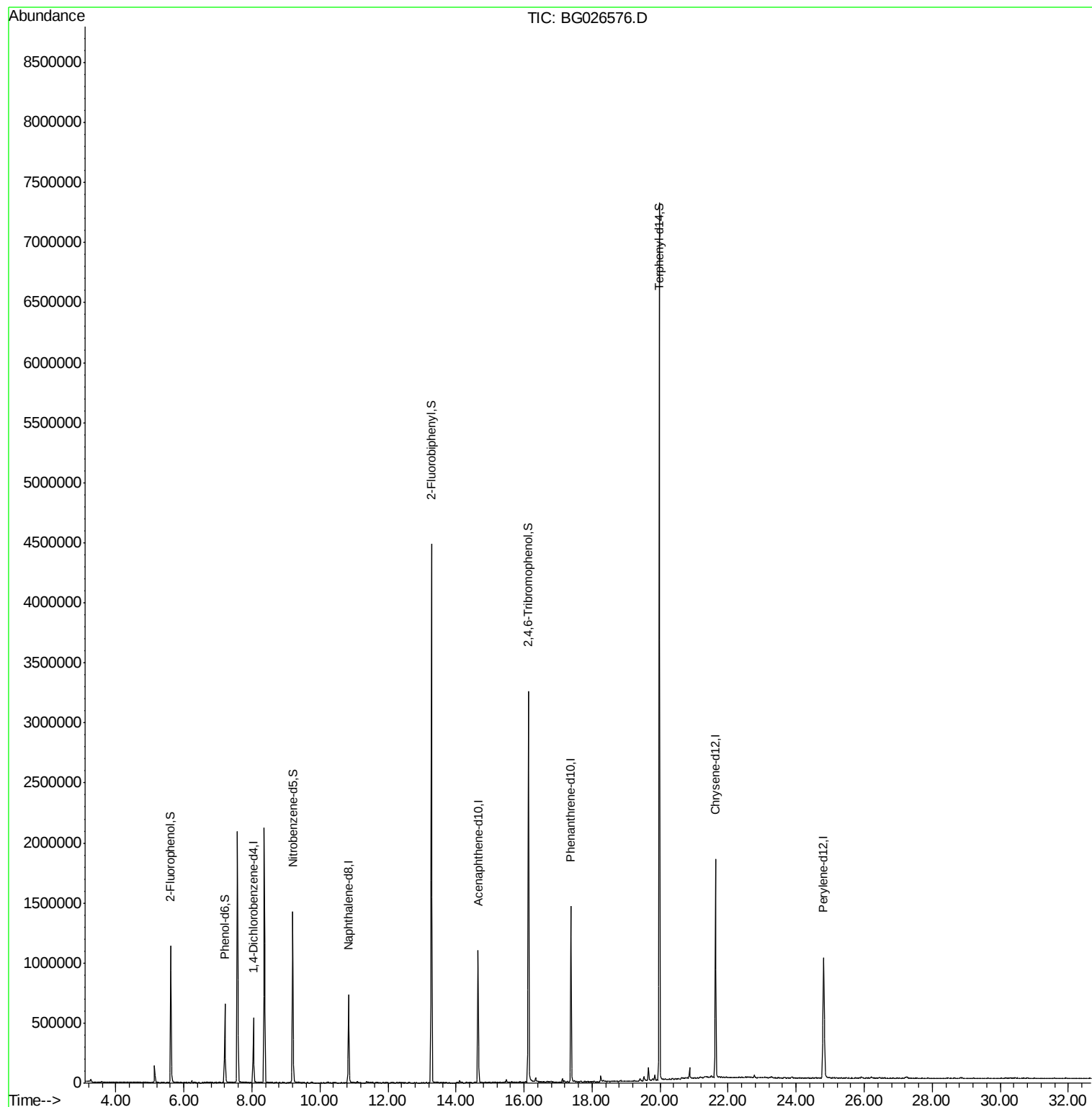
Target Compounds Qvalue

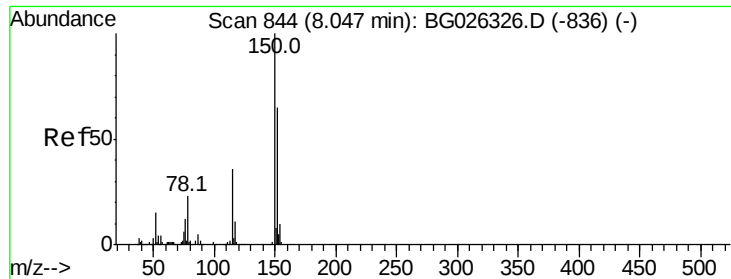
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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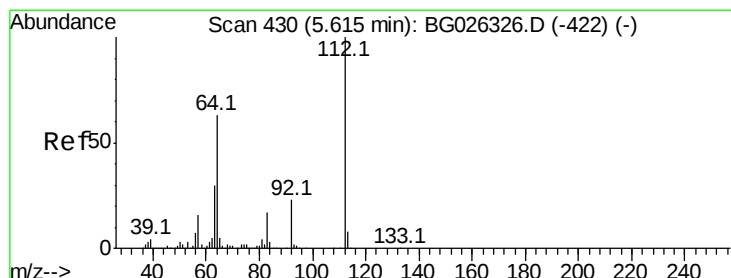
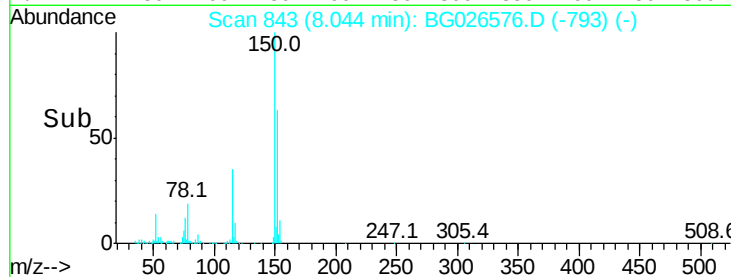
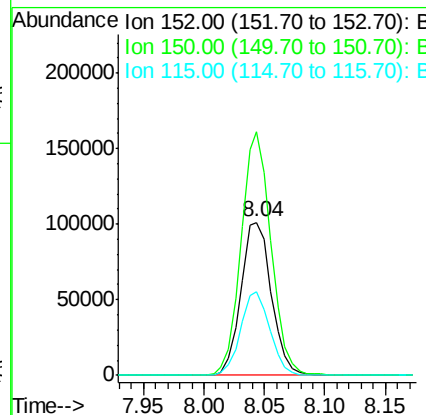
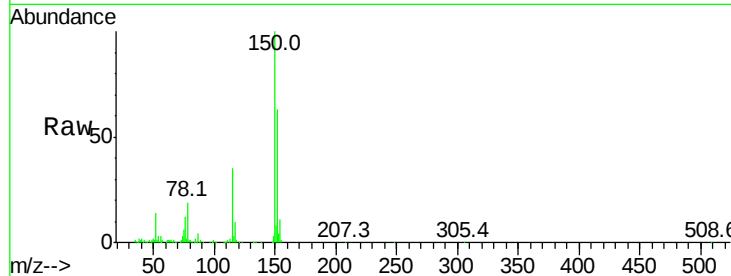


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026576.D
Acq: 6 Apr 2017 21:41

Instrument :
BNA_G
ClientSampleId :
53A

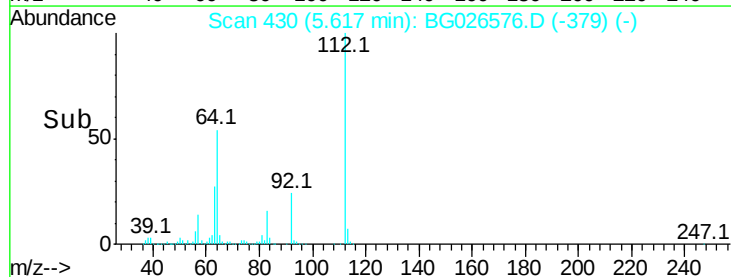
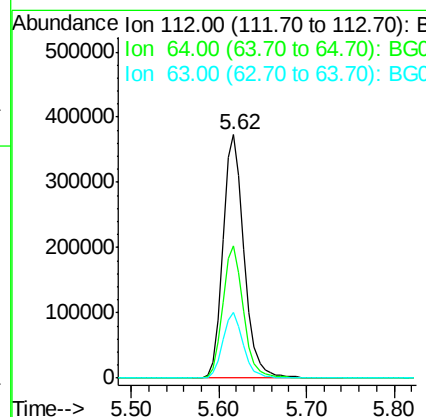
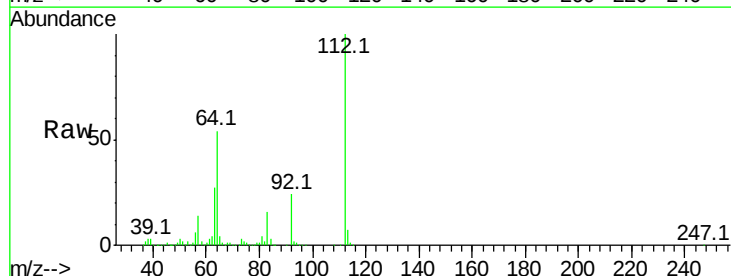
Tot Ion:152 Resp: 178719
Ion Ratio Lower Upper
152 100
150 159.1 114.0 171.0
115 55.0 48.1 72.1

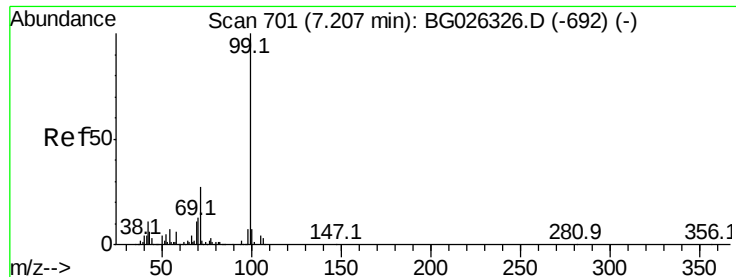


#5

2-Fluorophenol
Concen: 61.91 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026576.D
Acq: 6 Apr 2017 21:41

Tgt Ion:112 Resp: 623371
Ion Ratio Lower Upper
112 100
64 54.3 61.8 92.6#
63 26.8 37.2 55.8#





#7

Phenol-d6

Concen: 36.36 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026576.D

Acq: 6 Apr 2017 21:41

Instrument :

BNA_G

ClientSampleId :

53A

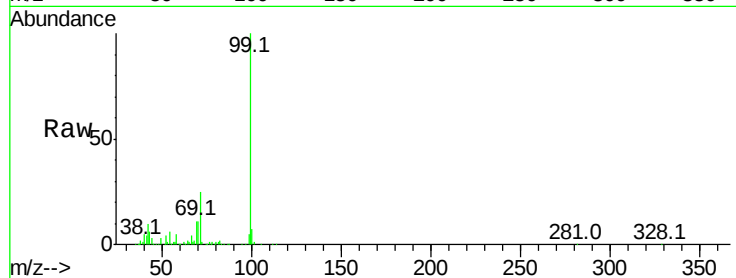
Tot Ion: 99 Resp: 491586

Ion Ratio Lower Upper

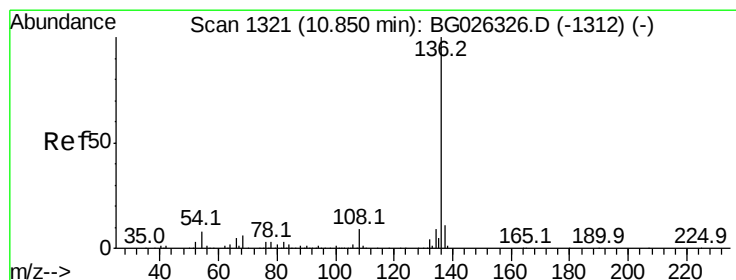
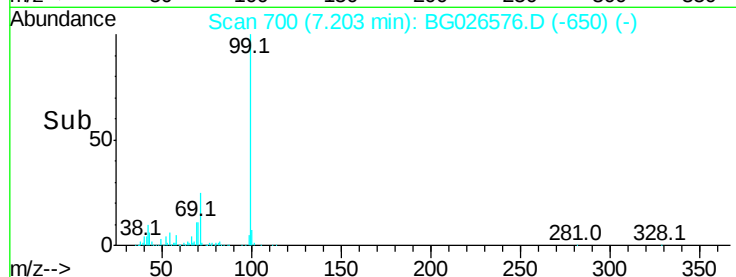
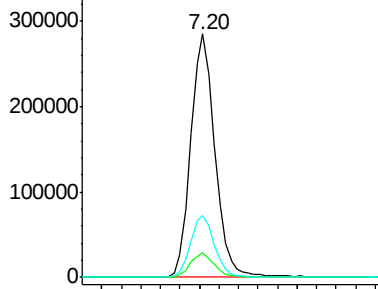
99 100

42 10.1 20.5 30.7#

71 25.3 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: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026576.D

Acq: 6 Apr 2017 21:41

Tgt Ion: 136 Resp: 708850

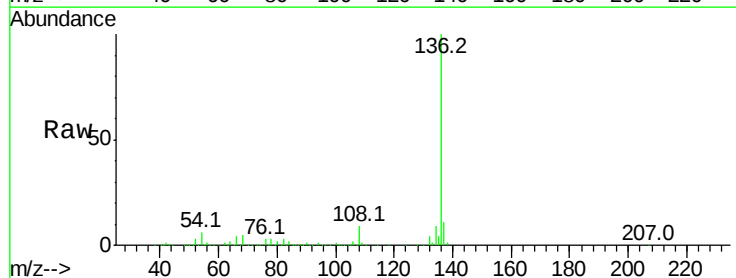
Ion Ratio Lower Upper

136 100

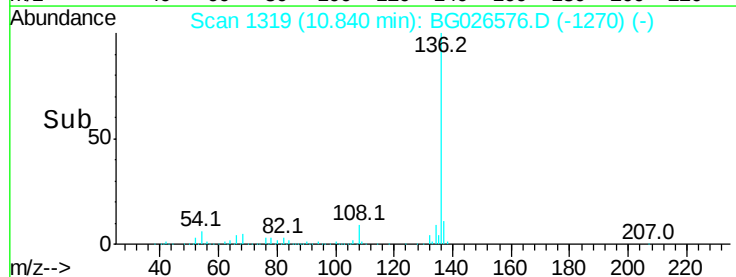
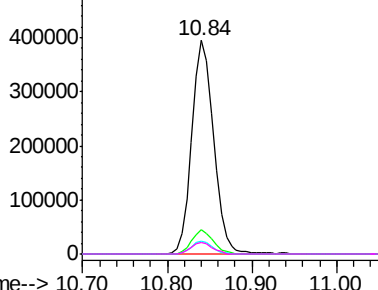
137 11.2 8.9 13.3

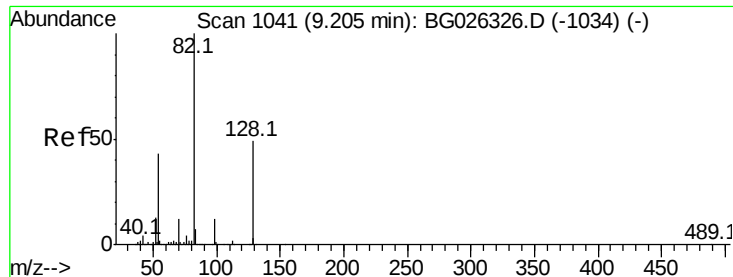
54 5.8 9.3 13.9#

68 5.3 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

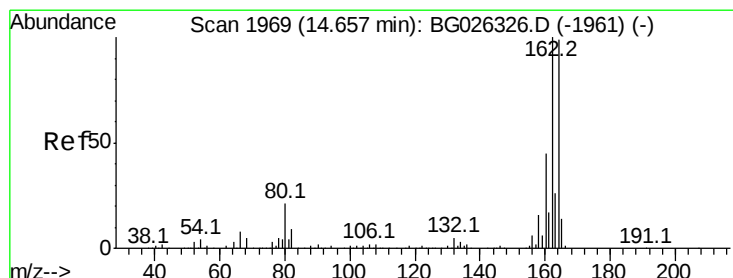
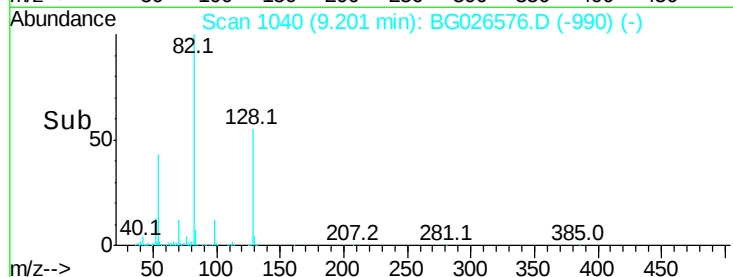
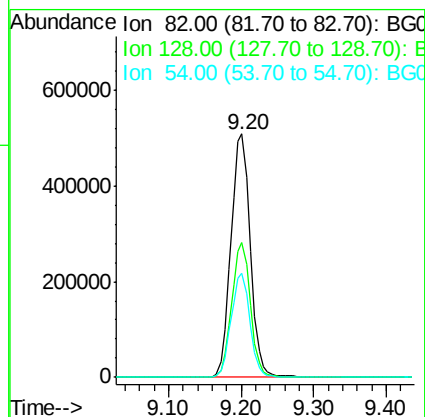
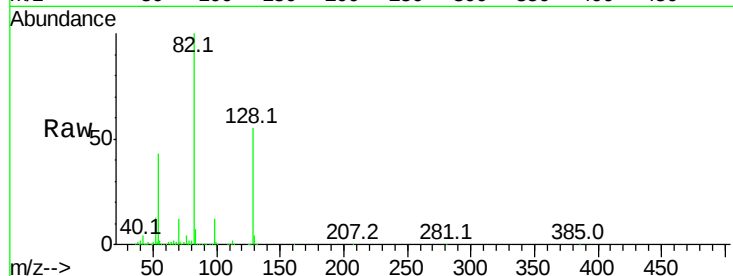




#23
 Nitrobenzene-d5
 Concen: 80.05 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026576.D
 Acq: 6 Apr 2017 21:41

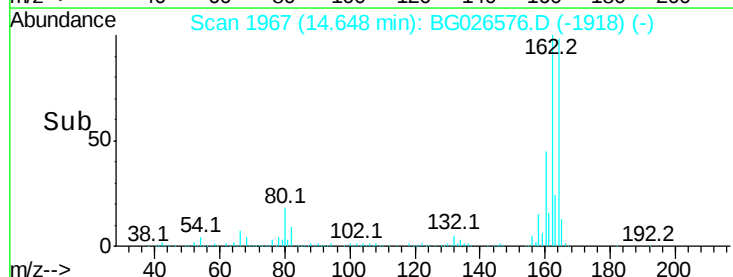
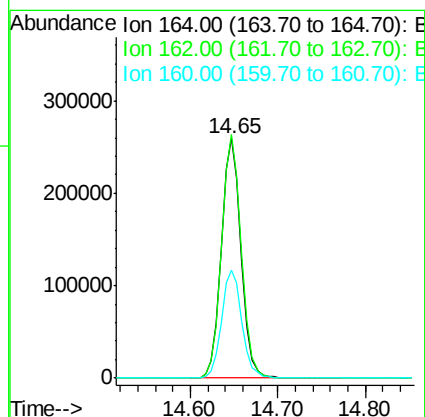
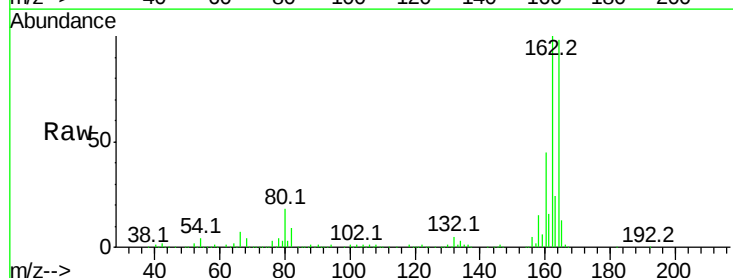
Instrument :
 BNA_G
 ClientSampleId :
 53A

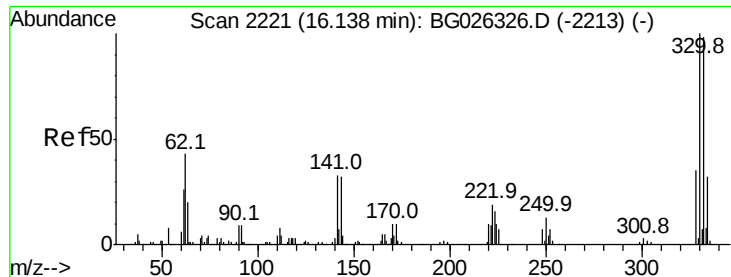
Tot Ion: 82 Resp: 943680
 Ion Ratio Lower Upper
 82 100
 128 55.3 26.4 39.6#
 54 42.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026576.D
 Acq: 6 Apr 2017 21:41

Tgt Ion: 164 Resp: 400921
 Ion Ratio Lower Upper
 164 100
 162 101.7 85.1 127.7
 160 45.3 34.7 52.1

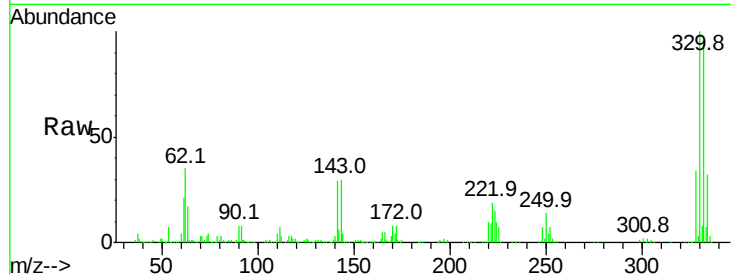




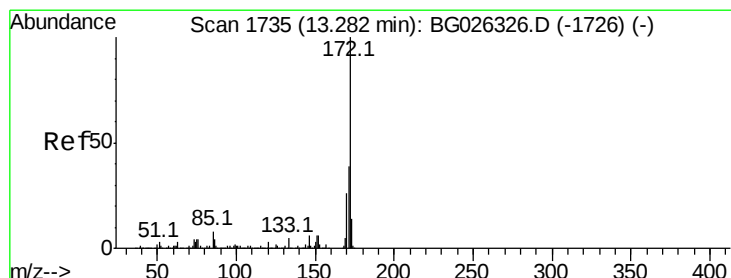
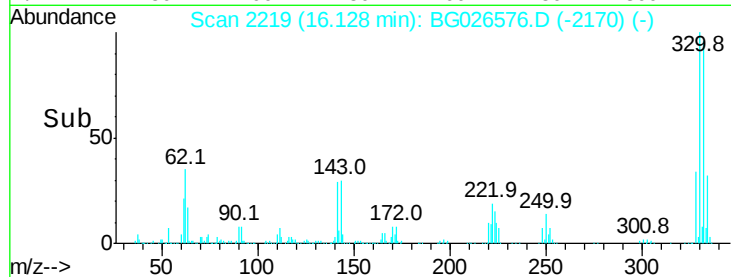
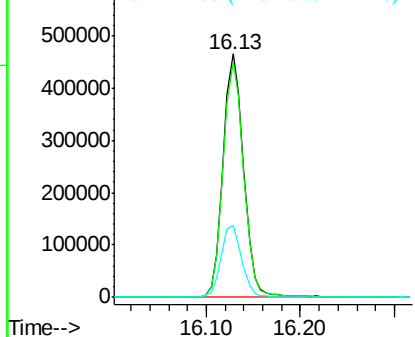
#41
 2,4,6-Tribromophenol
 Concen: 155.03 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026576.D
 Acq: 6 Apr 2017 21:41

Instrument :
 BNA_G
 ClientSampleId :
 53A

Tot Ion:330 Resp: 711782
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 30.1 32.1 48.1#

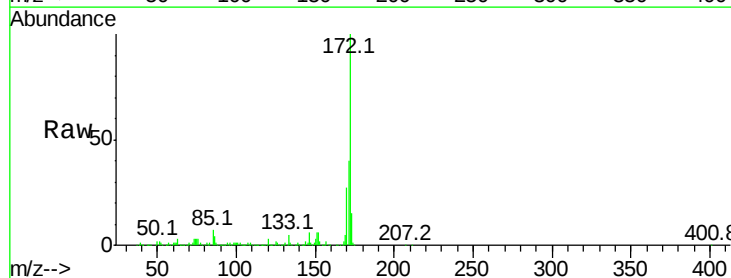


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

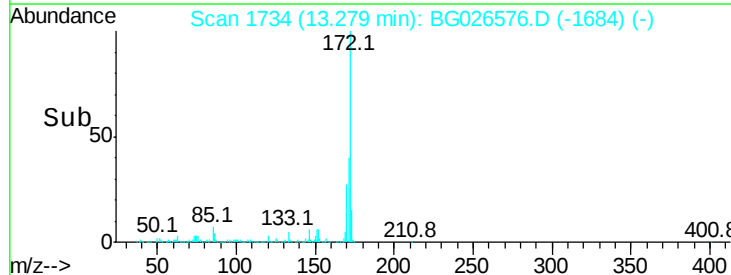
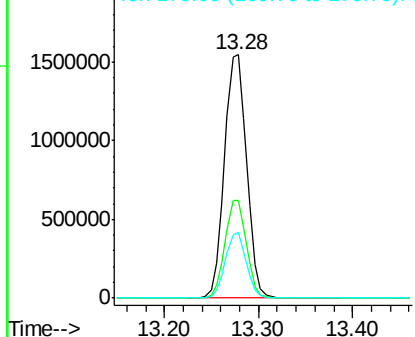


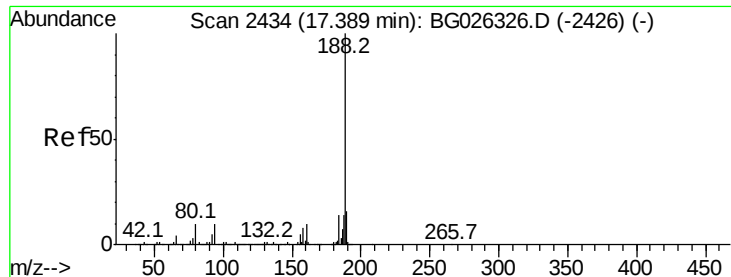
#44
 2-Fluorobiphenyl
 Concen: 88.66 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026576.D
 Acq: 6 Apr 2017 21:41

Tgt Ion:172 Resp: 2534630
 Ion Ratio Lower Upper
 172 100
 171 40.1 32.2 48.2
 170 27.0 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

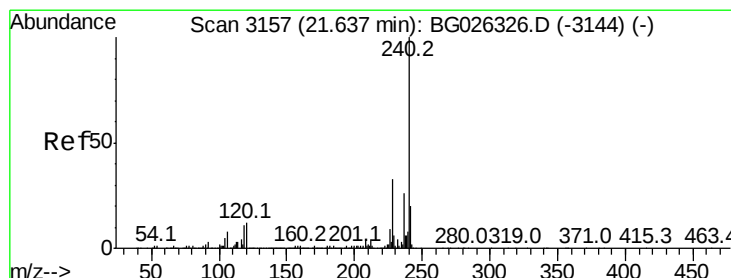
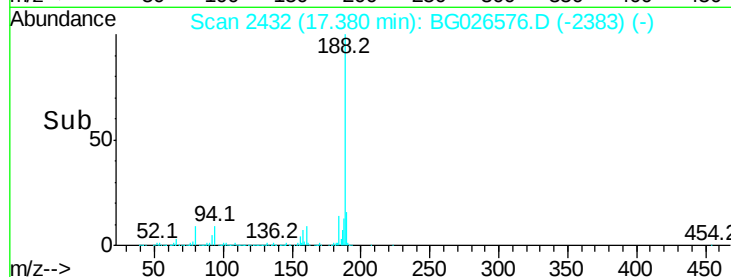
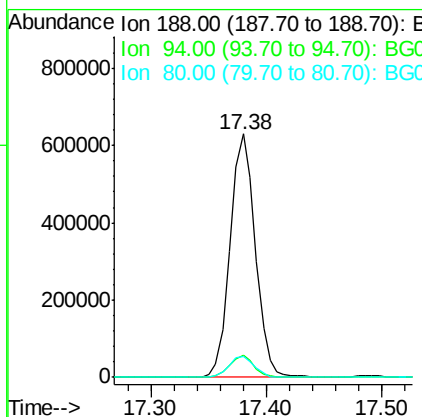
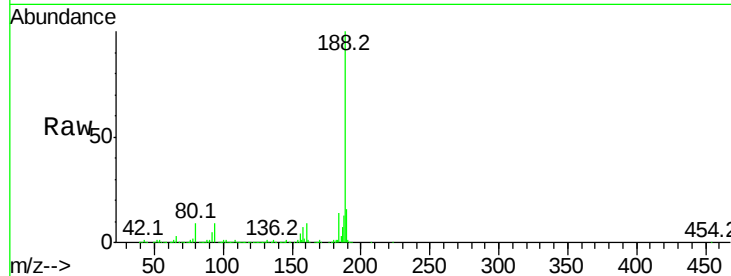




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026576.D
Acq: 6 Apr 2017 21:41

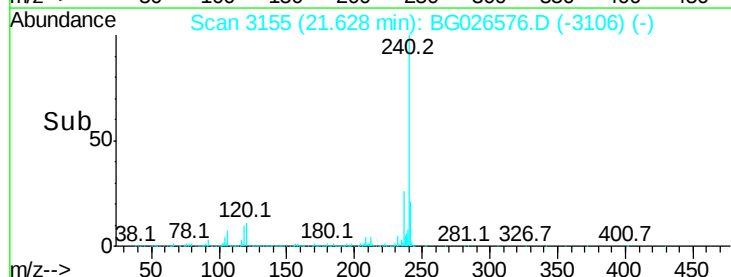
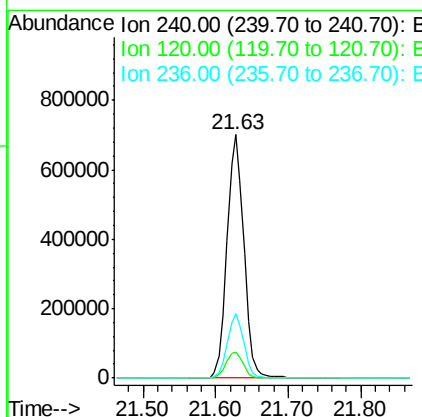
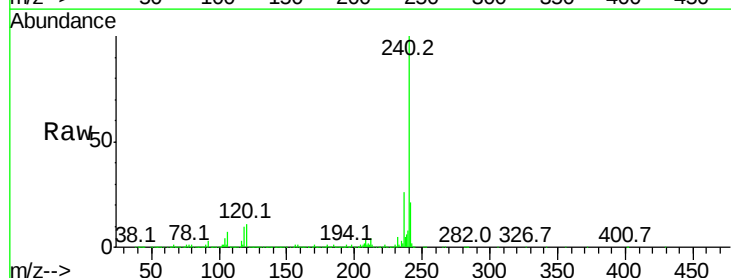
Instrument :
BNA_G
ClientSampleId :
53A

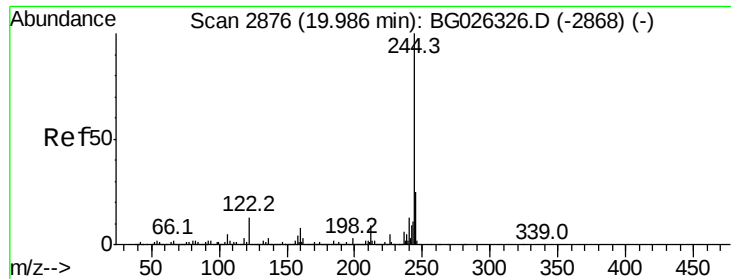
Tot Ion:188 Resp: 950247
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.8#
80 8.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026576.D
Acq: 6 Apr 2017 21:41

Tgt Ion:240 Resp: 1129782
Ion Ratio Lower Upper
240 100
120 10.8 5.7 8.5#
236 26.5 22.2 33.4





#78

Terphenyl-d14

Concen: 67.28 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026576.D

Acq: 6 Apr 2017 21:41

Instrument :

BNA_G

ClientSampled :

53A

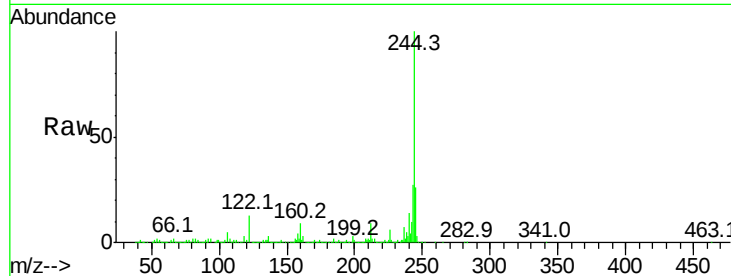
Tot Ion:244 Resp: 3129712

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

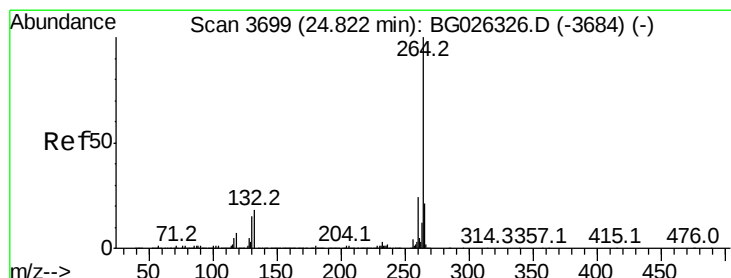
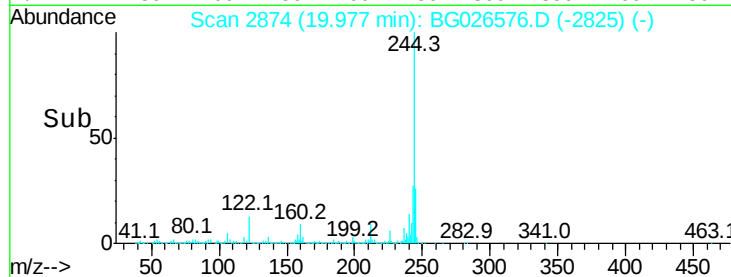
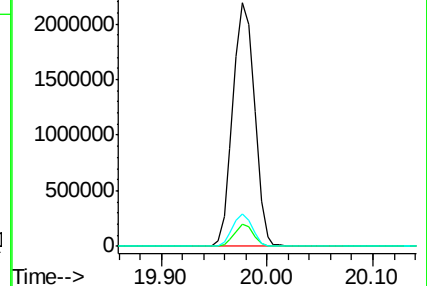
122 13.5 8.6 12.8#



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: 24.81 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026576.D

Acq: 6 Apr 2017 21:41

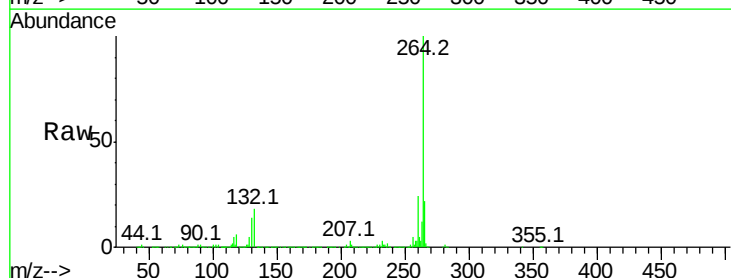
Tgt Ion:264 Resp: 1097288

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.1 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

