

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030217\
 Data File : BG026027.D
 Acq On : 2 Mar 2017 13:20
 Operator : SJ/MA
 Sample : PB97261BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BL

Quant Time: Mar 02 14:59:43 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	110164	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	449414	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	242151	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	562170	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	535767	20.00	ng	-0.03
86) Perylene-d12	24.85	264	501734	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	574537	90.80	ng	-0.01
7) Phenol-d6	7.23	99	729457	77.90	ng	0.00
23) Nitrobenzene-d5	9.22	82	586865	82.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	231328	103.40	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1482709	106.99	ng	-0.02
78) Terphenyl-d14	20.00	244	1996541	90.63	ng	-0.02

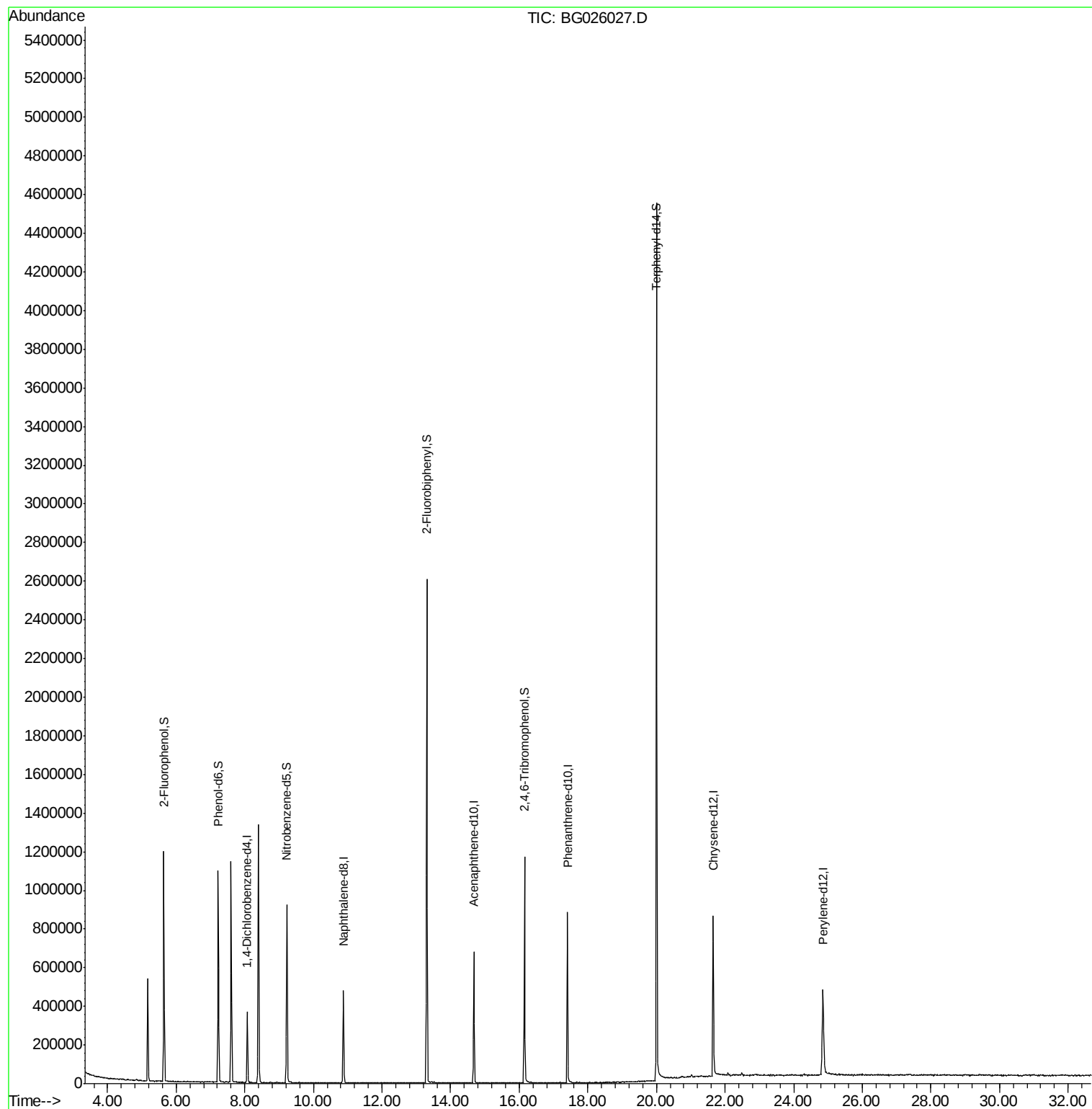
Target Compounds Qvalue

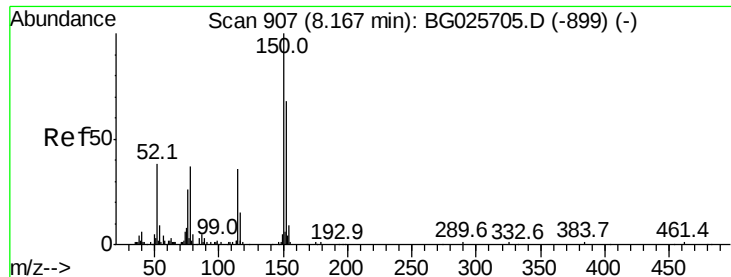
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026027.D

Acq: 2 Mar 2017 13:20

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BNA_G

ClientSampleId :

PB97261BL

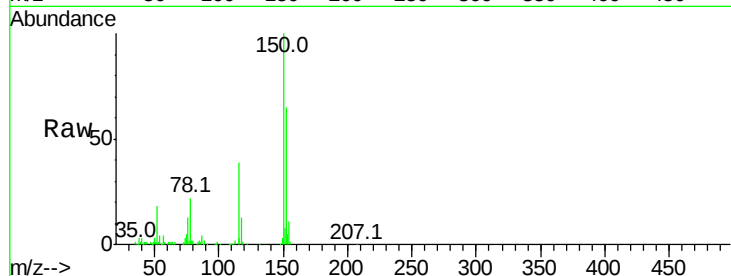
Tot Ion:152 Resp: 110164

Ion Ratio Lower Upper

152 100

150 154.6 114.0 171.0

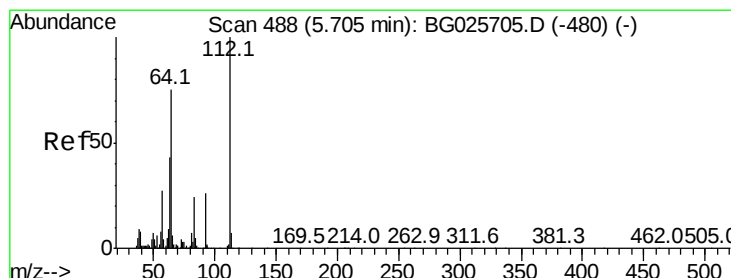
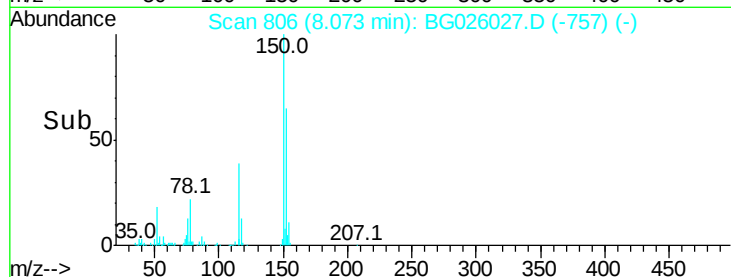
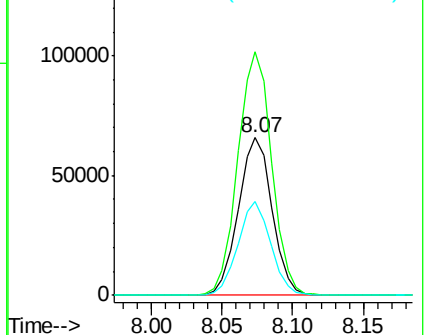
115 59.7 48.1 72.1



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: 90.80 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026027.D

Acq: 2 Mar 2017 13:20

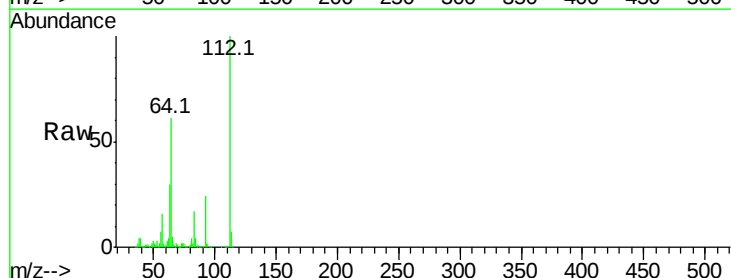
Tgt Ion:112 Resp: 574537

Ion Ratio Lower Upper

112 100

64 61.1 61.8 92.6#

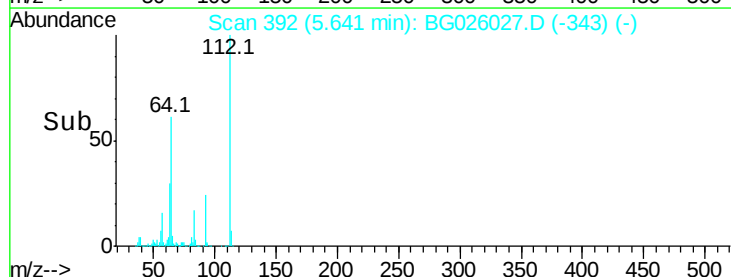
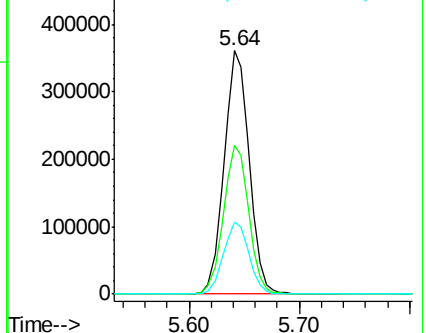
63 29.8 37.2 55.8#

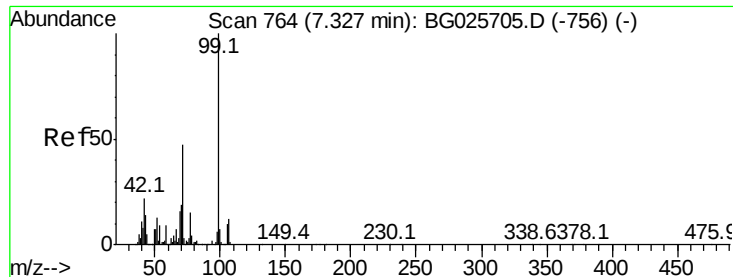


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 77.90 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026027.D

Acq: 2 Mar 2017 13:20

Instrument :

BNA_G

ClientSampleId :

PB97261BL

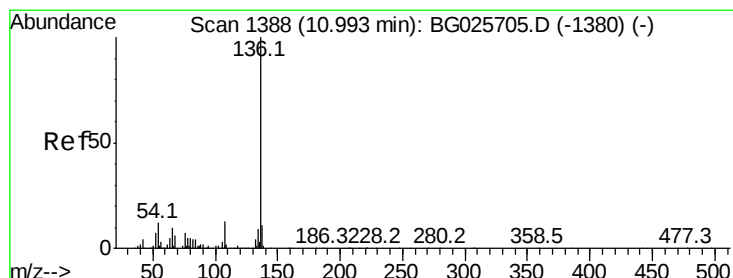
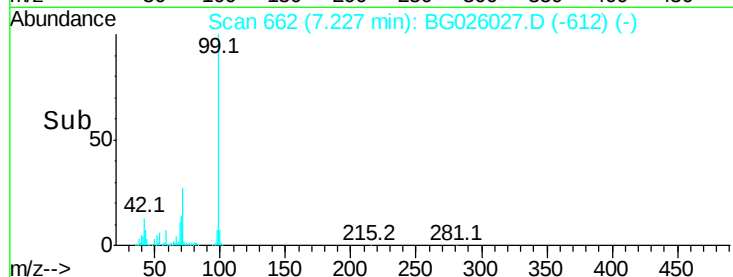
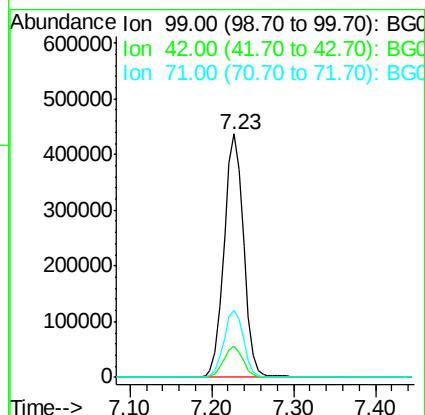
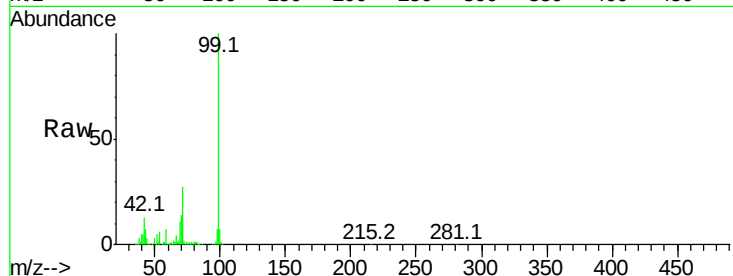
Tot Ion: 99 Resp: 729457

Ion Ratio Lower Upper

99 100

42 13.0 20.5 30.7#

71 27.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026027.D

Acq: 2 Mar 2017 13:20

Tgt Ion: 136 Resp: 449414

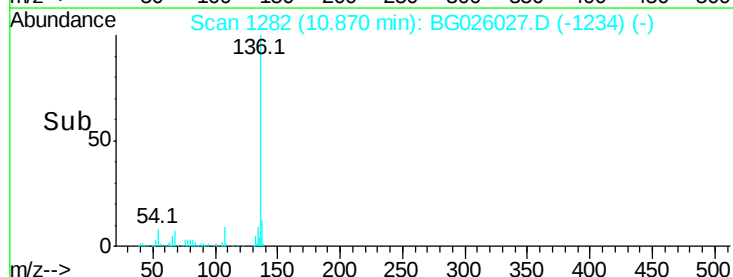
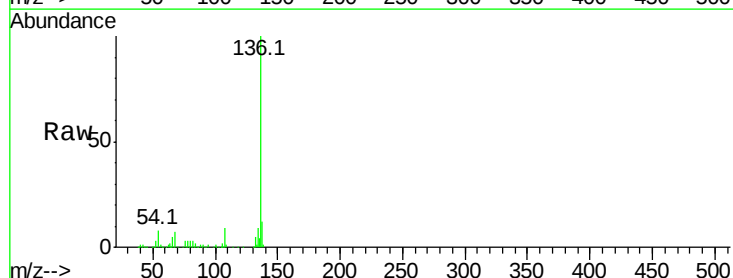
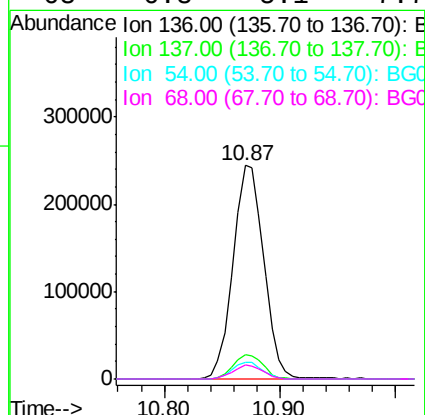
Ion Ratio Lower Upper

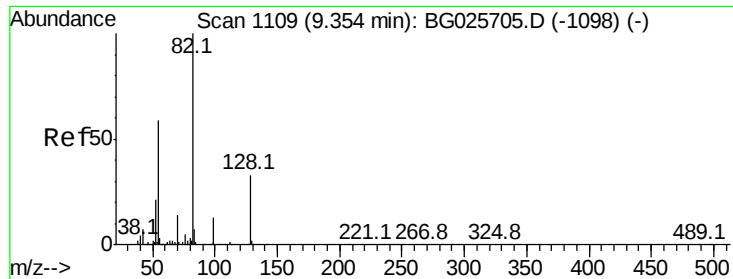
136 100

137 11.7 8.9 13.3

54 7.7 9.3 13.9#

68 6.8 5.1 7.7

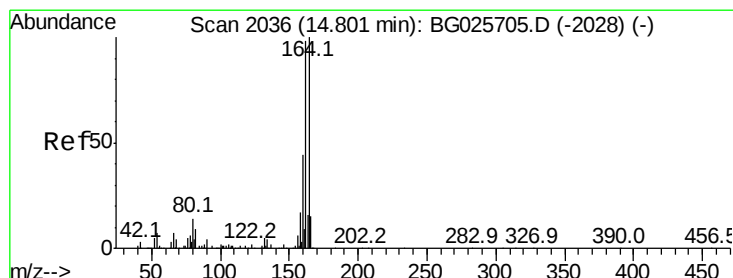
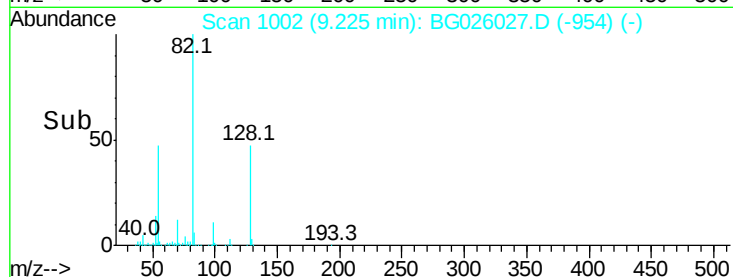
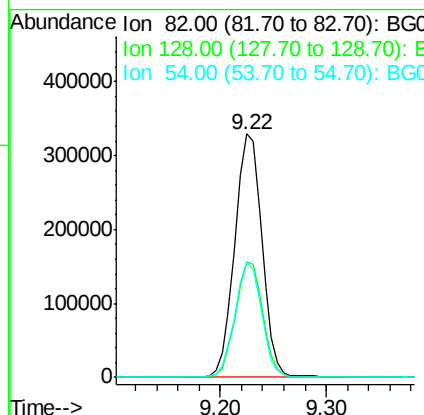
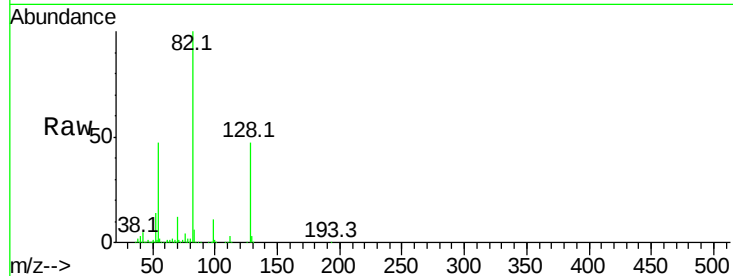




#23
 Nitrobenzene-d5
 Concen: 82.41 ng
 RT: 9.22 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026027.D
 Acq: 2 Mar 2017 13:20

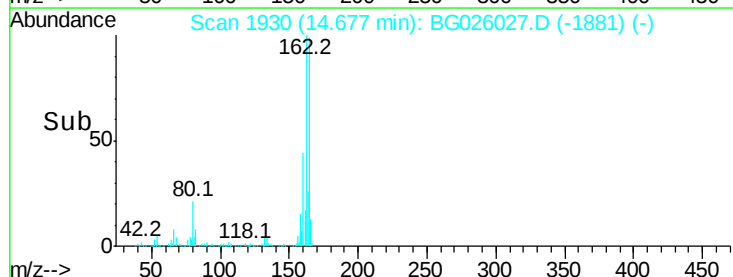
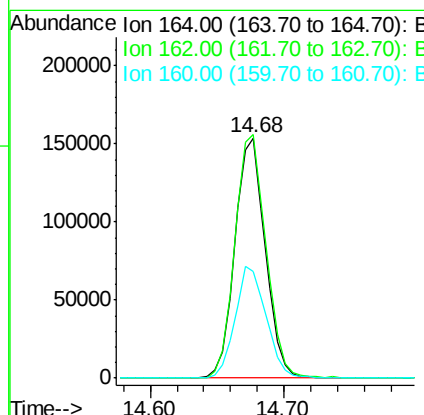
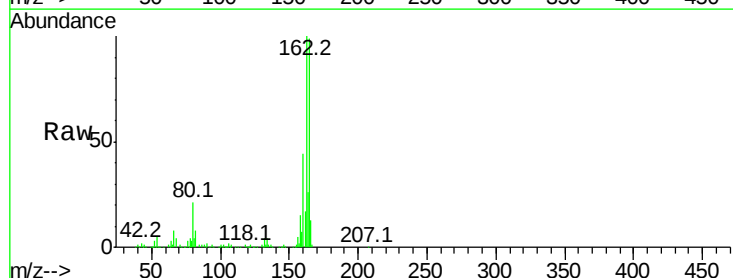
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BL

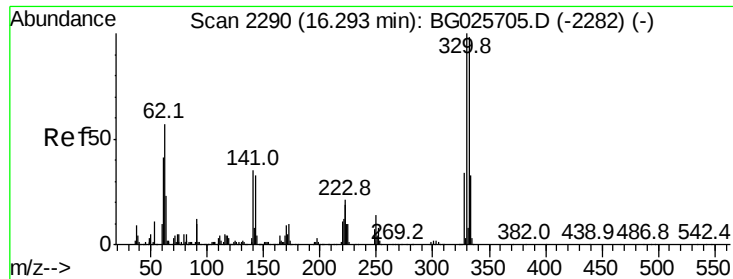
Tot Ion	82	Resp	586865
Ion Ratio	100	Lower	Upper
128	47.5	26.4	39.6#
54	47.2	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG026027.D
 Acq: 2 Mar 2017 13:20

Tgt Ion	164	Resp	242151
Ion Ratio	100	Lower	Upper
162	101.3	85.1	127.7
160	44.3	34.7	52.1

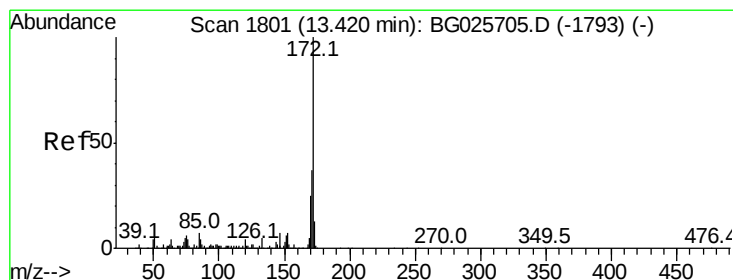
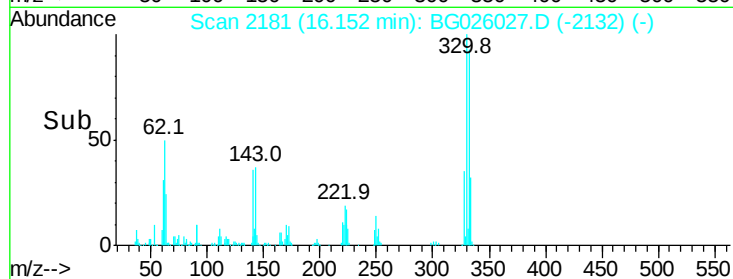
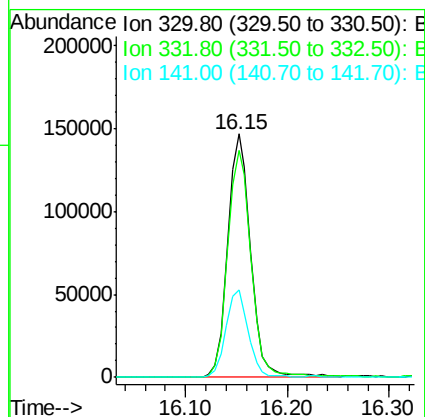
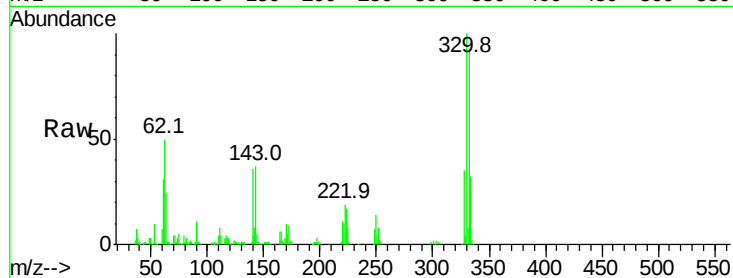




#41
 2,4,6-Tribromophenol
 Concen: 103.40 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026027.D
 Acq: 2 Mar 2017 13:20

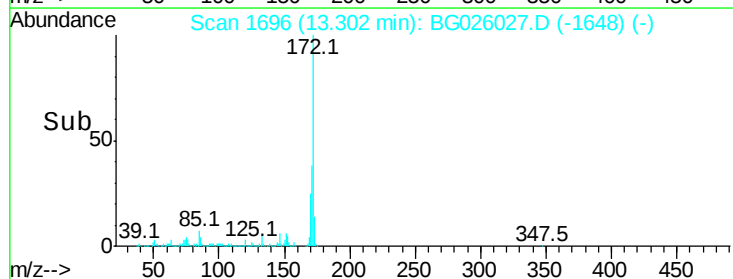
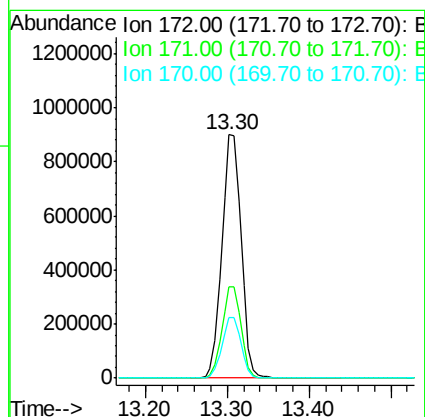
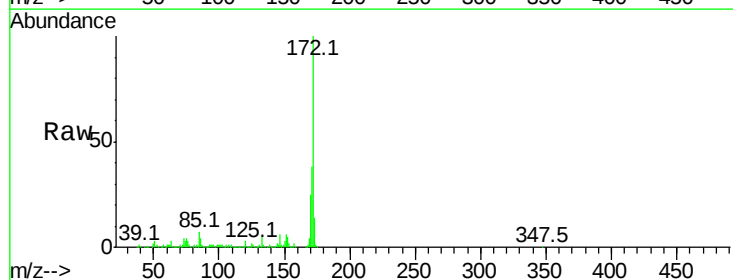
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BL

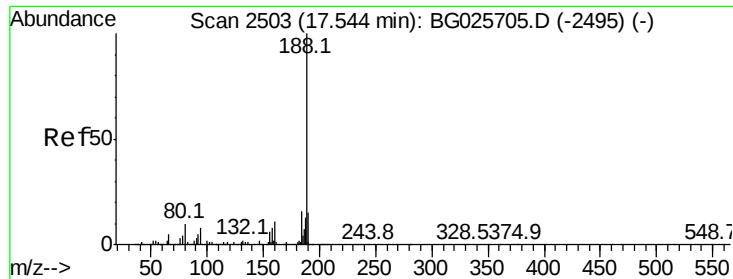
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	35.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 106.99 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026027.D
 Acq: 2 Mar 2017 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.7	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026027.D

Acq: 2 Mar 2017 13:20

Instrument :

BNA_G

ClientSampleId :

PB97261BL

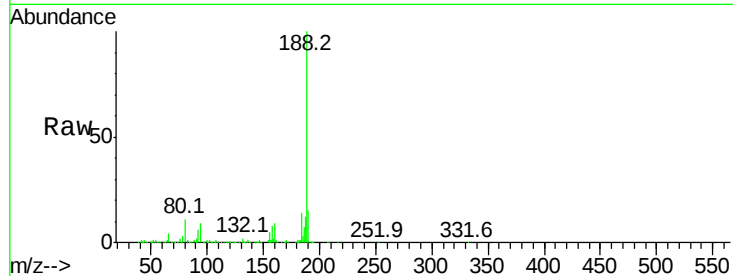
Tot Ion:188 Resp: 562170

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

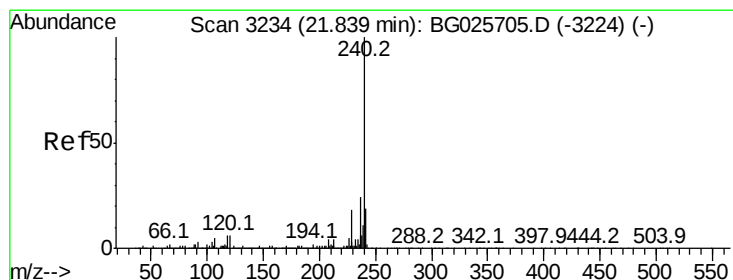
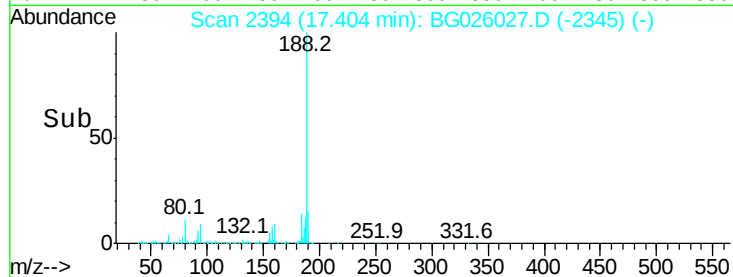
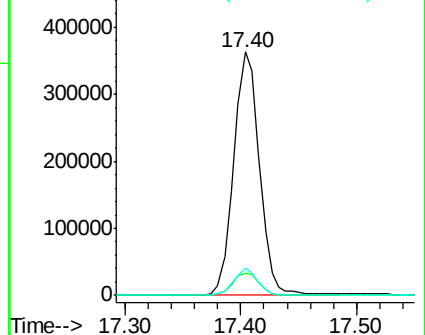
80 11.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026027.D

Acq: 2 Mar 2017 13:20

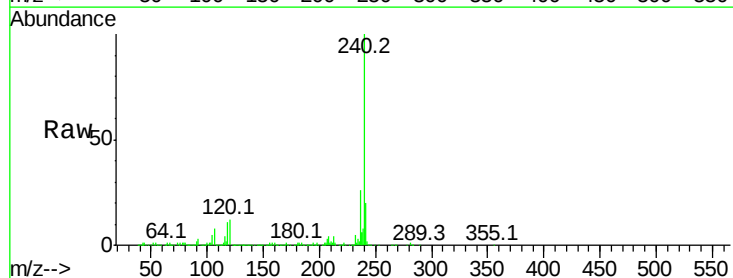
Tgt Ion:240 Resp: 535767

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

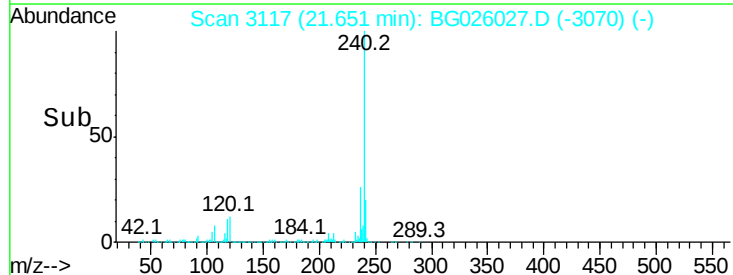
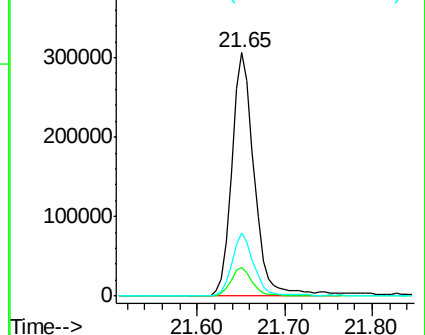
236 26.0 22.2 33.4

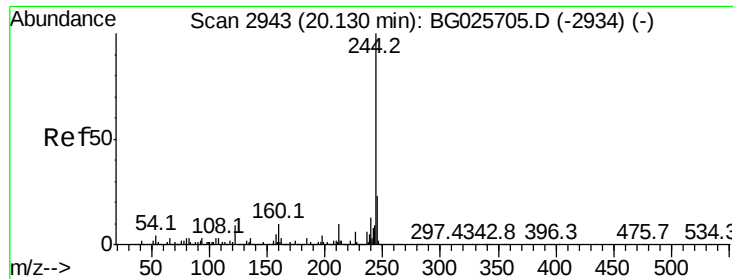


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.63 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026027.D

Acq: 2 Mar 2017 13:20

Instrument :

BNA_G

ClientSampleId :

PB97261BL

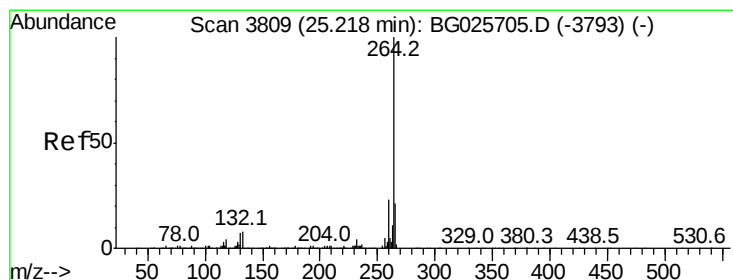
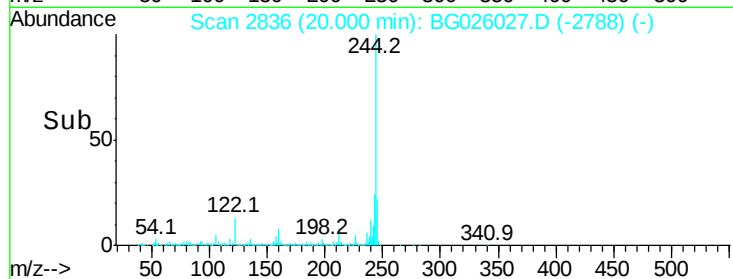
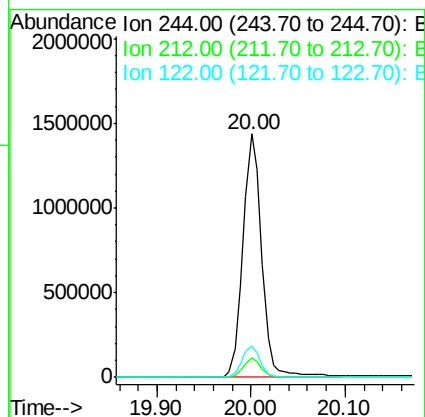
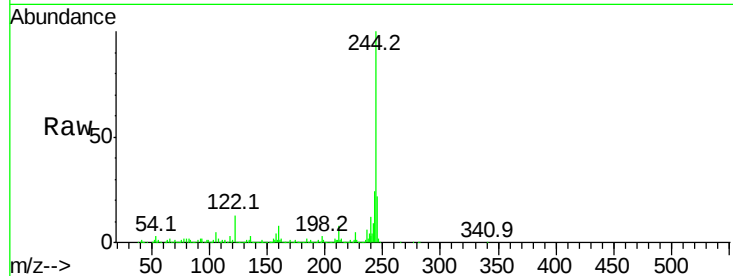
Tot Ion:244 Resp: 1996541

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	13.0	8.6	12.8#

244 100

212 8.1 10.0 15.0#

122 13.0 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026027.D

Acq: 2 Mar 2017 13:20

Tgt Ion:264 Resp: 501734

Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.1	18.2	27.4

264 100

260 22.9 21.8 32.8

265 21.1 18.2 27.4

