

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026046.D
 Acq On : 3 Mar 2017 1:53
 Operator : SJ/MA
 Sample : I2056-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15B-20

Quant Time: Mar 03 04:29:35 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

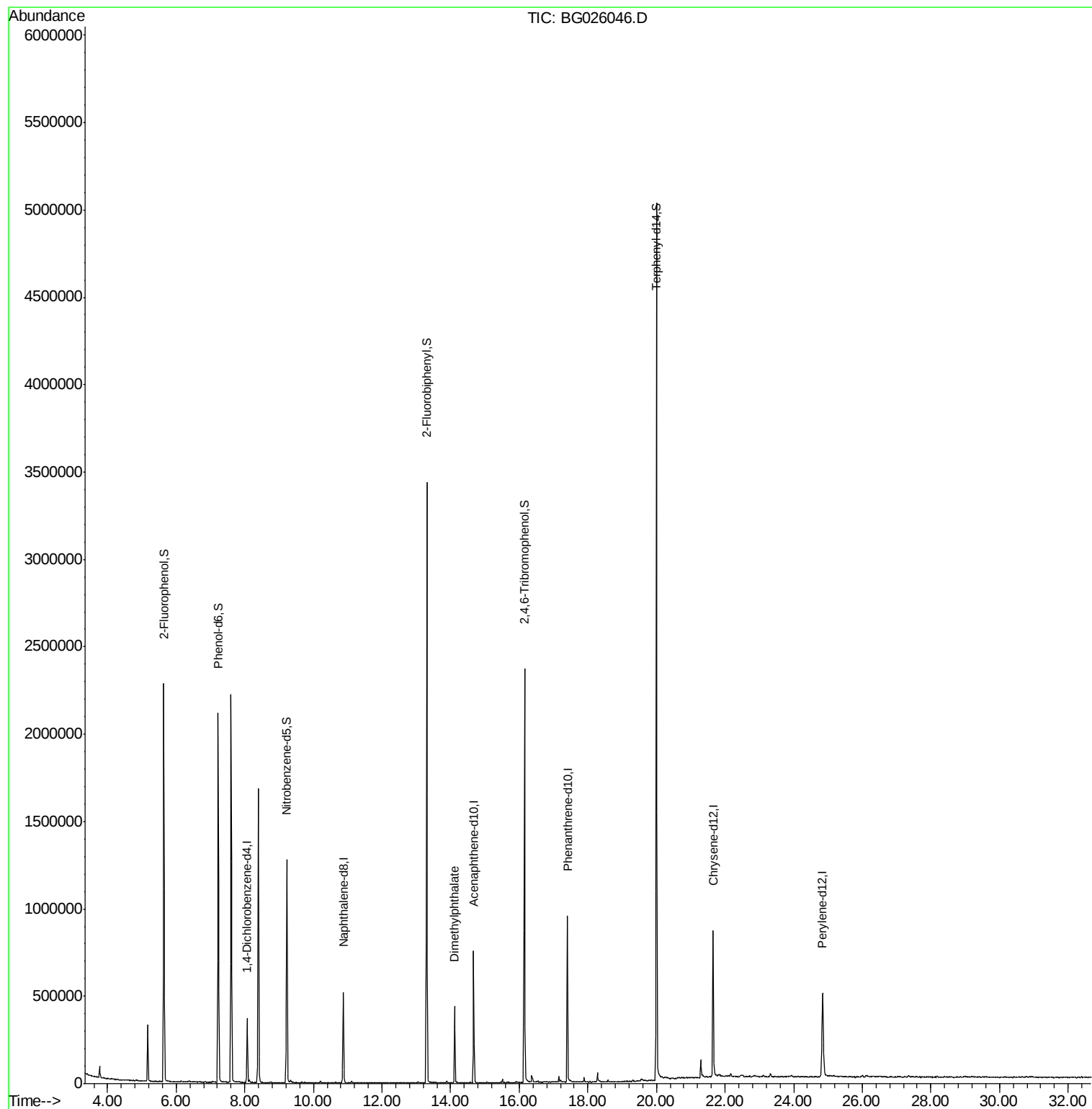
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	114987	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	476375	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	262059	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	610088	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	556115	20.00	ng	-0.03
86) Perylene-d12	24.84	264	519283	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1064702	161.21	ng	-0.01
7) Phenol-d6	7.23	99	1407643	144.03	ng	0.00
23) Nitrobenzene-d5	9.23	82	805516	106.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	454558	187.75	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1802858	120.21	ng	-0.02
78) Terphenyl-d14	20.00	244	2248451	98.33	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	319235	17.76	ng	Qvalue 95

(#) = 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: BG026046.D

Acq: 3 Mar 2017 1:53

Instrument :

BNA_G

ClientSampleId :

15B-20

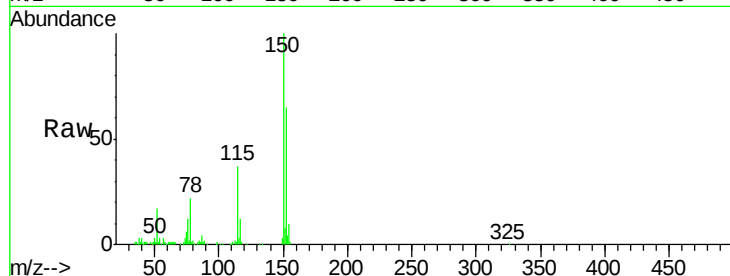
Tgt Ion:152 Resp: 114987

Ion Ratio Lower Upper

152 100

150 154.1 114.0 171.0

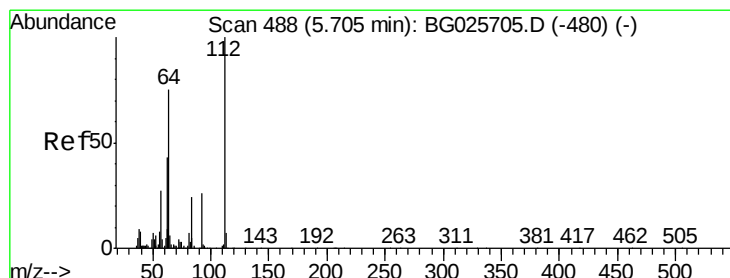
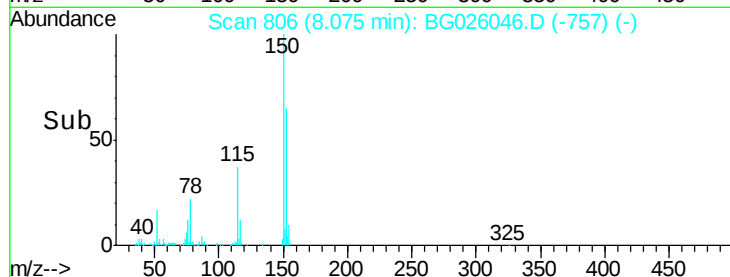
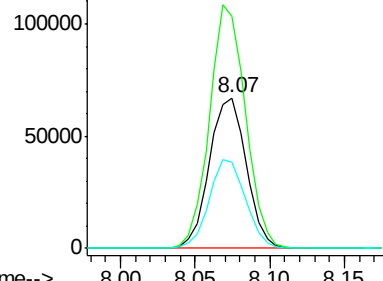
115 57.0 48.1 72.1



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: 161.21 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026046.D

Acq: 3 Mar 2017 1:53

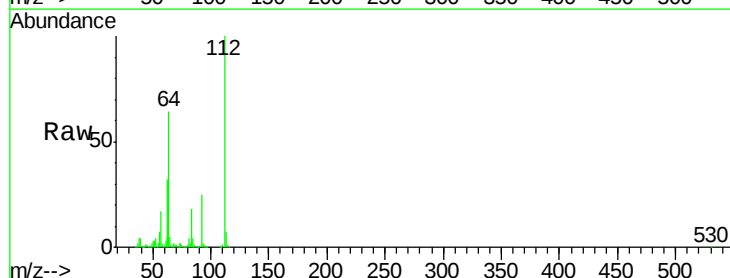
Tgt Ion:112 Resp: 1064702

Ion Ratio Lower Upper

112 100

64 63.5 61.8 92.6

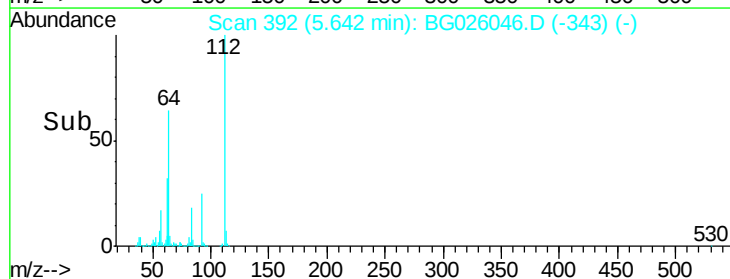
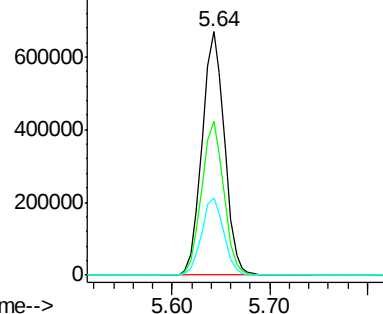
63 31.7 37.2 55.8#

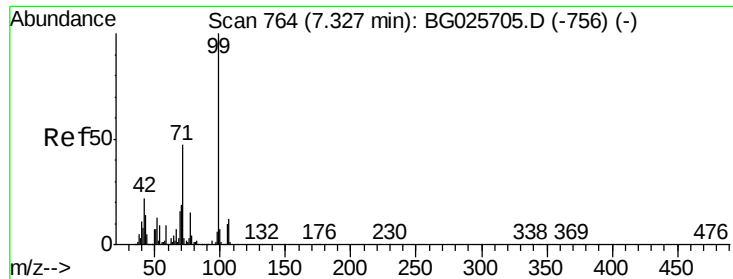


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.03 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026046.D

Acq: 3 Mar 2017 1:53

Instrument :

BNA_G

ClientSampleId :

15B-20

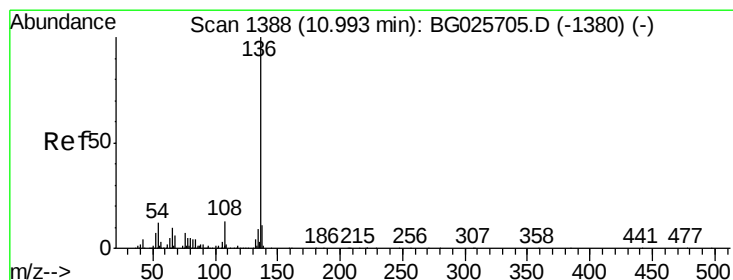
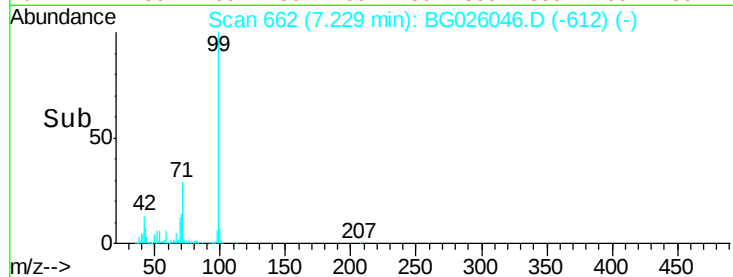
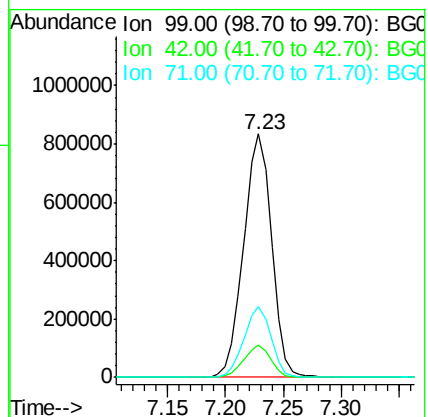
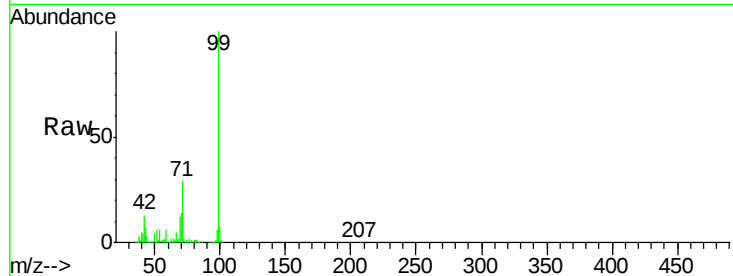
Tgt Ion: 99 Resp: 1407643

Ion Ratio Lower Upper

99 100

42 13.2 20.5 30.7#

71 28.9 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: BG026046.D

Acq: 3 Mar 2017 1:53

Tgt Ion: 136 Resp: 476375

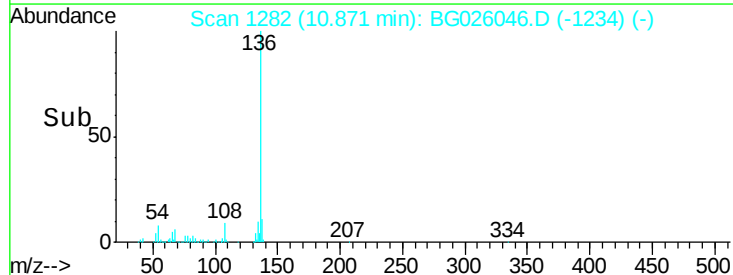
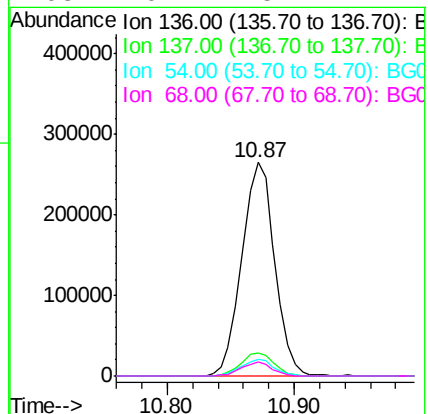
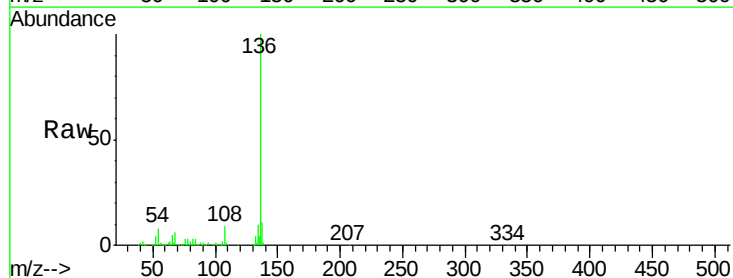
Ion Ratio Lower Upper

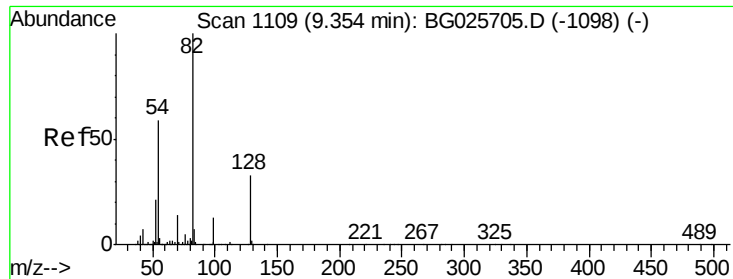
136 100

137 10.8 8.9 13.3

54 8.1 9.3 13.9#

68 6.4 5.1 7.7

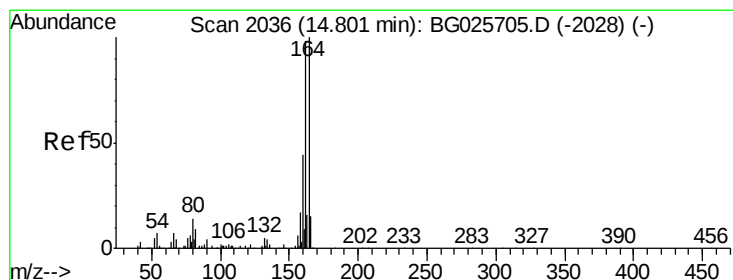
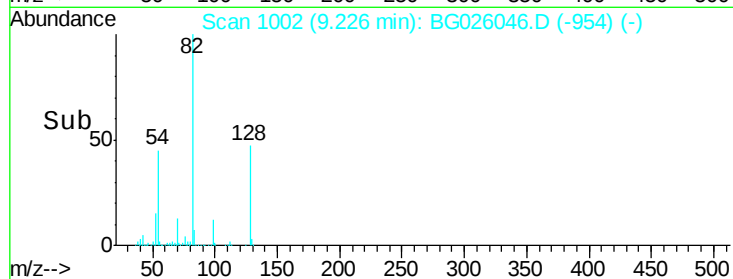
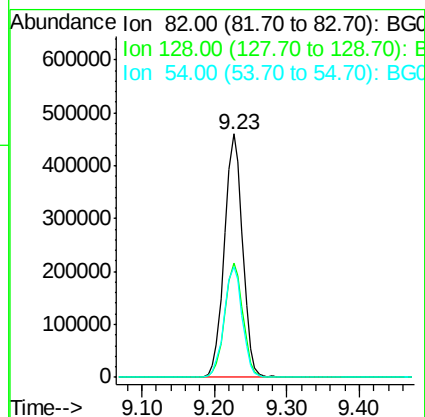
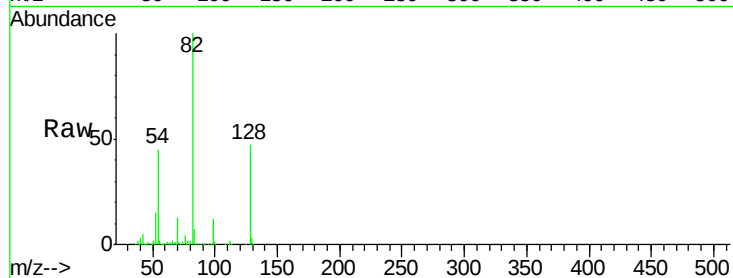




#23
 Nitrobenzene-d5
 Concen: 106.71 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026046.D
 Acq: 3 Mar 2017 1:53

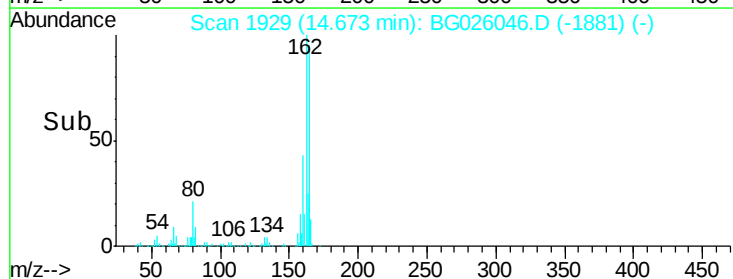
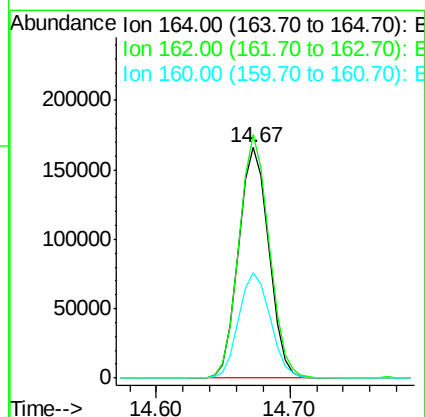
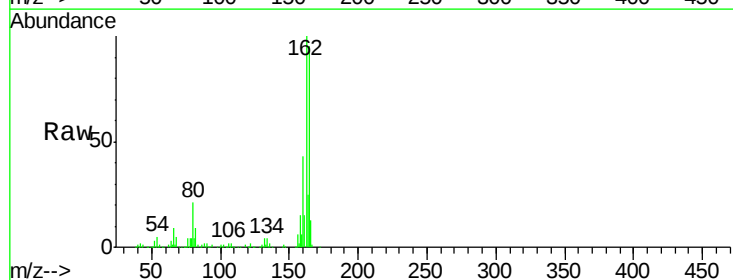
Instrument :
 BNA_G
 ClientSampleId :
 15B-20

Tgt Ion: 82 Resp: 805516
 Ion Ratio Lower Upper
 82 100
 128 46.9 26.4 39.6#
 54 45.2 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026046.D
 Acq: 3 Mar 2017 1:53

Tgt Ion: 164 Resp: 262059
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.1 127.7
 160 45.6 34.7 52.1

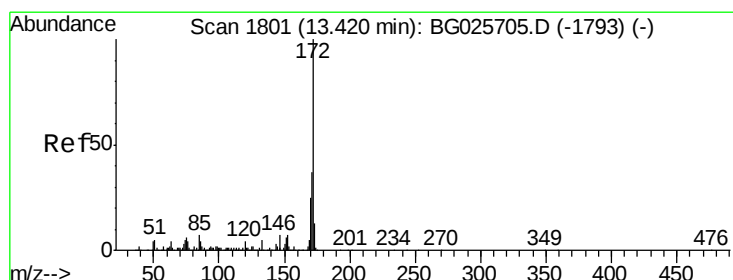
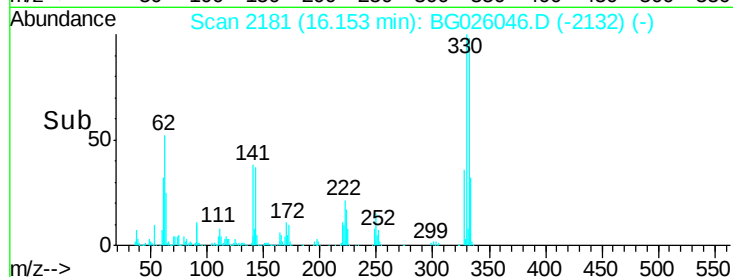
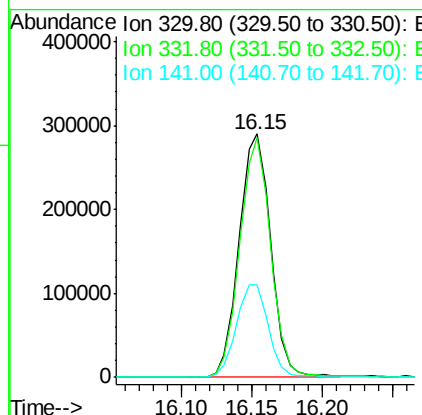
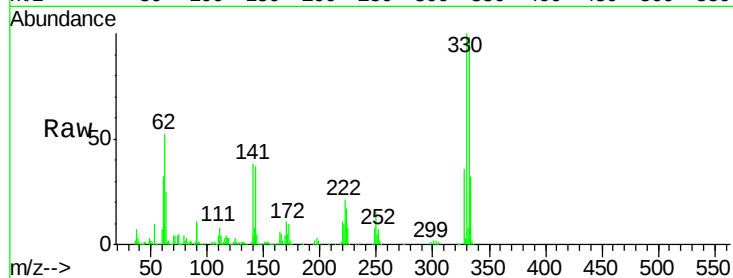




#41
 2,4,6-Tribromophenol
 Concen: 187.75 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026046.D
 Acq: 3 Mar 2017 1:53

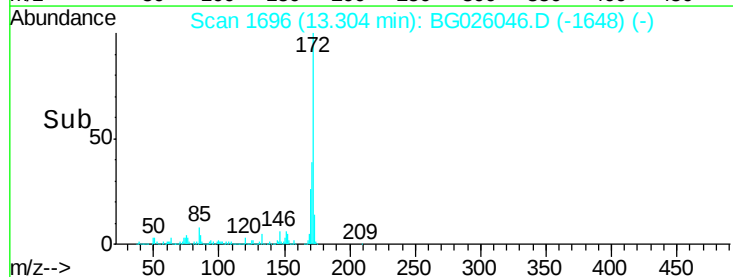
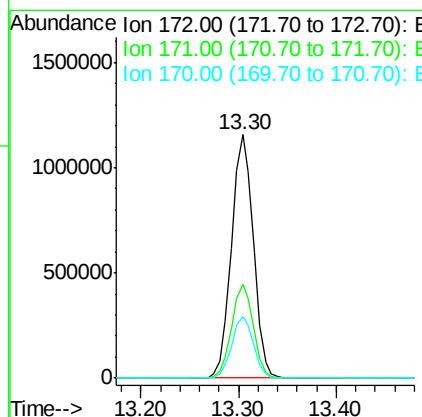
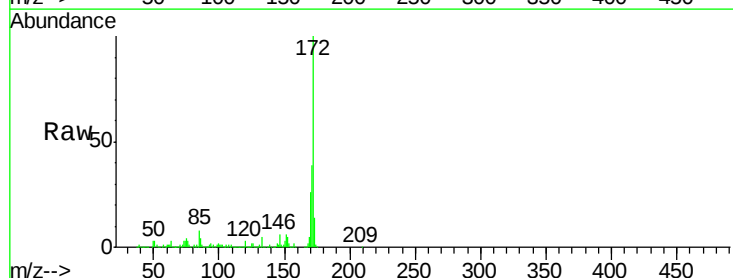
Instrument :
 BNA_G
 ClientSampleId :
 15B-20

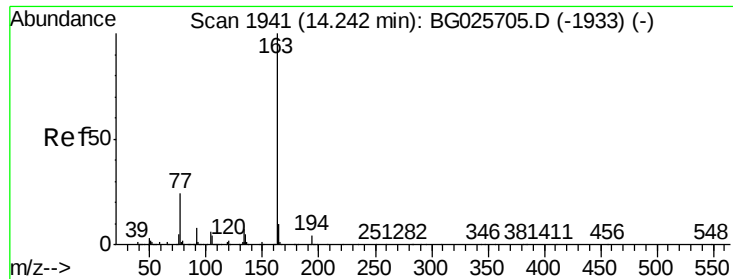
Tgt Ion:330 Resp: 454558
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 38.6 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 120.21 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026046.D
 Acq: 3 Mar 2017 1:53

Tgt Ion:172 Resp: 1802858
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.2 48.2
 170 25.6 21.8 32.6





#49

Dimethylphthalate

Concen: 17.76 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026046.D

Acq: 3 Mar 2017 1:53

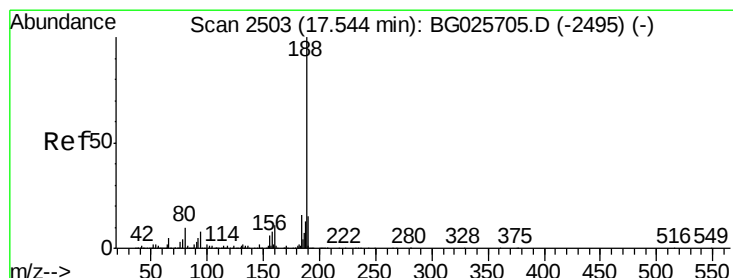
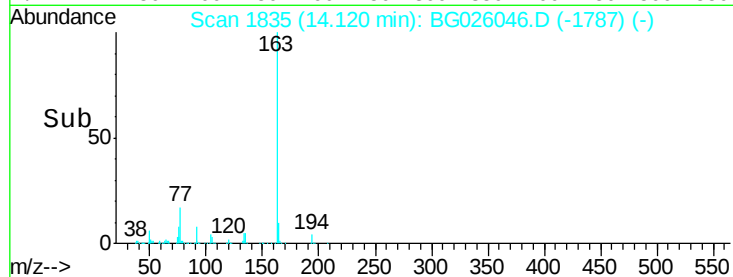
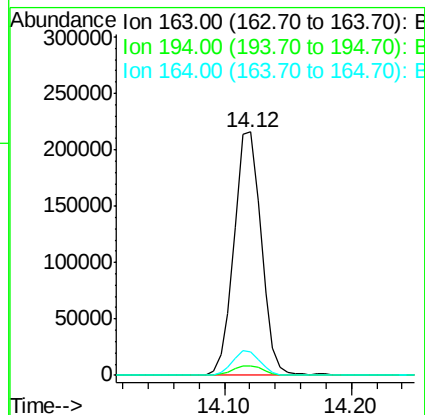
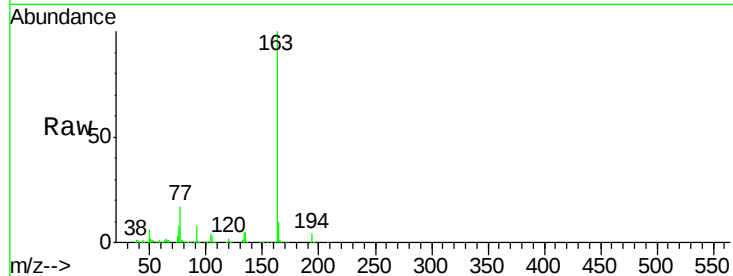
Instrument :

BNA_G

ClientSampleId :

15B-20

Tgt Ion:	163	Resp:	319235
Ion Ratio		Lower	Upper
163	100		
194	3.9	3.8	5.6
164	9.5	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

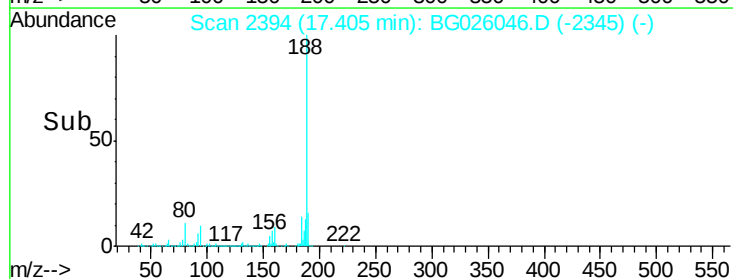
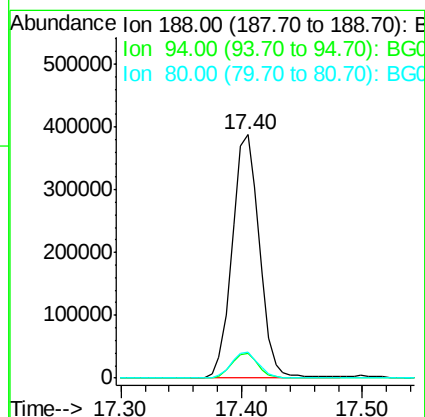
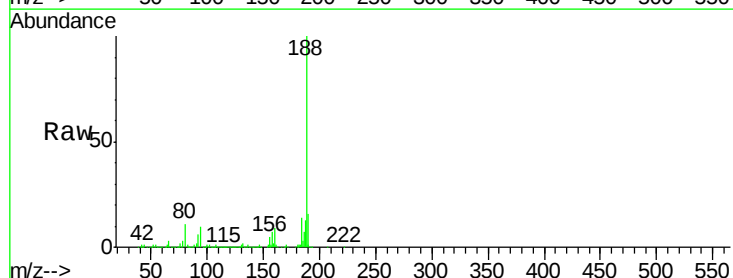
RT: 17.40 min Scan# 2394

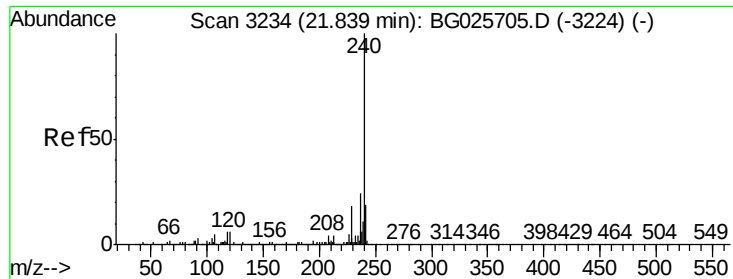
Delta R.T. -0.01 min

Lab File: BG026046.D

Acq: 3 Mar 2017 1:53

Tgt Ion:	188	Resp:	610088
Ion Ratio		Lower	Upper
188	100		
94	10.4	5.8	8.8#
80	10.6	7.5	11.3

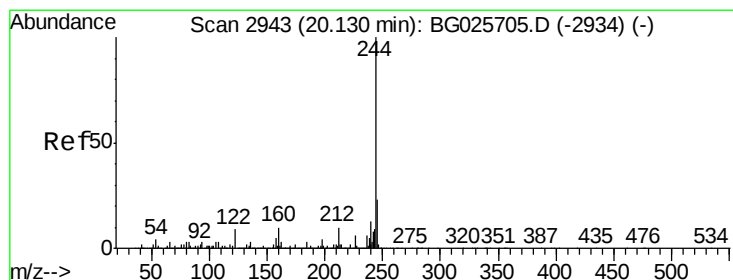
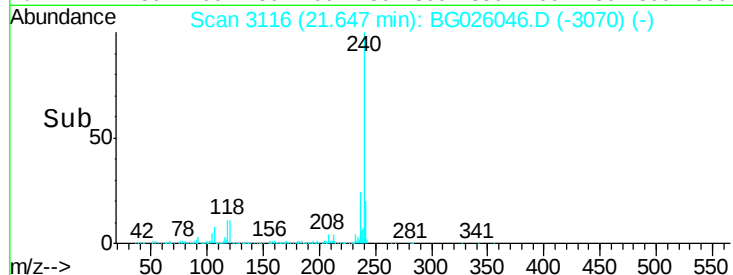
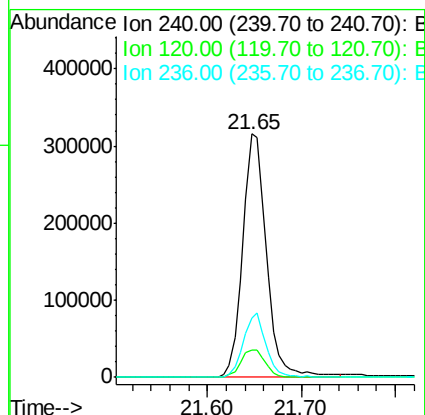
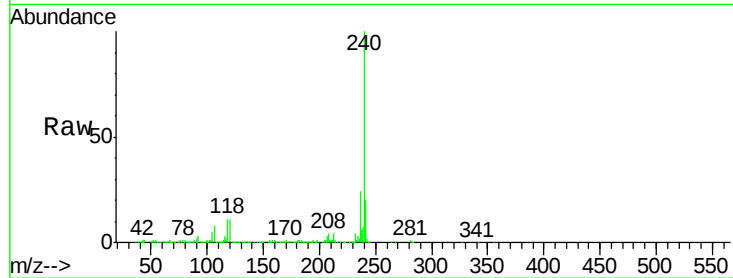




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.65 min Scan# 3116
 Delta R.T. -0.03 min
 Lab File: BG026046.D
 Acq: 3 Mar 2017 1:53

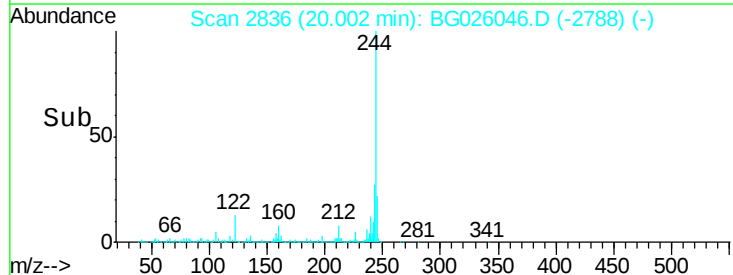
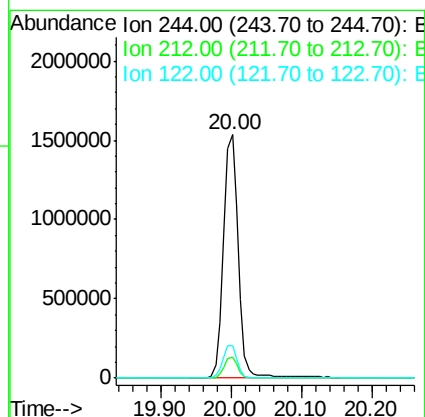
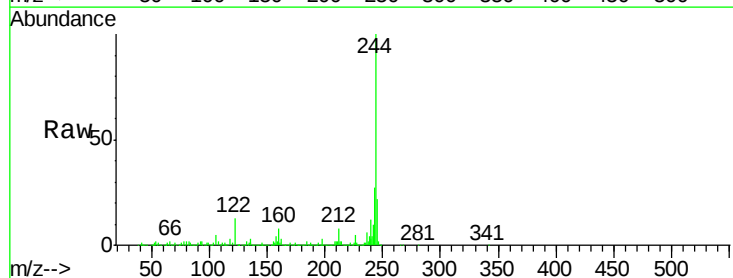
Instrument :
 BNA_G
 ClientSampleId :
 15B-20

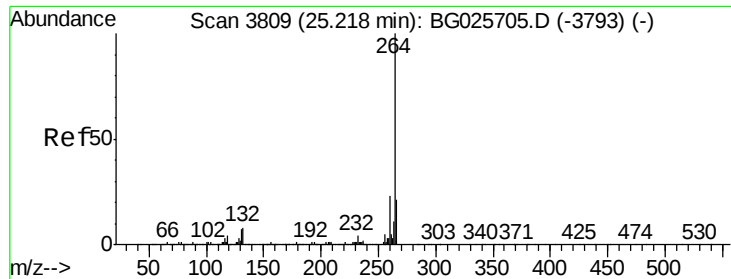
Tgt Ion:240 Resp: 556115
 Ion Ratio Lower Upper
 240 100
 120 11.3 5.7 8.5#
 236 24.2 22.2 33.4



#78
 Terphenyl-d14
 Concen: 98.33 ng
 RT: 20.00 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BG026046.D
 Acq: 3 Mar 2017 1:53

Tgt Ion:244 Resp: 2248451
 Ion Ratio Lower Upper
 244 100
 212 8.4 10.0 15.0#
 122 13.2 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3660
Delta R.T. -0.04 min
Lab File: BG026046.D
Acq: 3 Mar 2017 1:53

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.6	18.2	27.4

