

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026042.D
 Acq On : 2 Mar 2017 23:15
 Operator : SJ/MA
 Sample : I2056-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7B-16

Quant Time: Mar 03 00:42:40 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

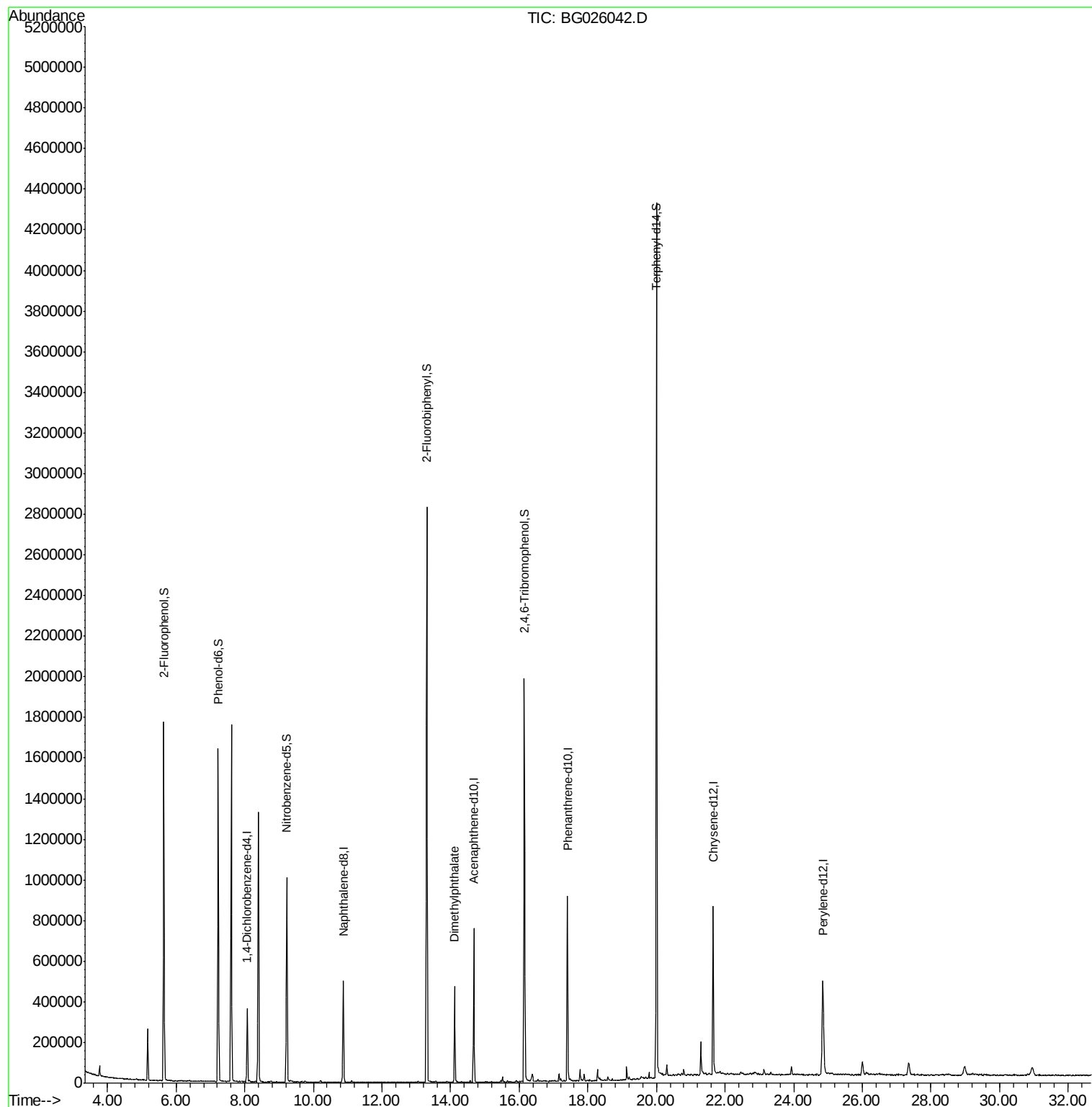
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	111946	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	457337	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	252485	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	588536	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	540272	20.00	ng	-0.03
86) Perylene-d12	24.84	264	503831	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	843507	131.18	ng	-0.01
7) Phenol-d6	7.22	99	1148834	120.74	ng	-0.01
23) Nitrobenzene-d5	9.23	82	640503	88.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	370175	158.69	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1522525	105.37	ng	-0.02
78) Terphenyl-d14	20.00	244	1910459	86.00	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	331629	19.15	ng	Qvalue 96

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

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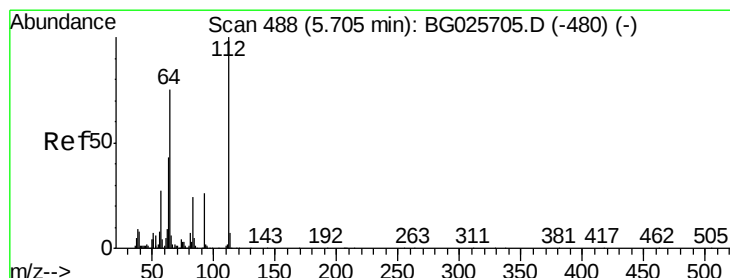
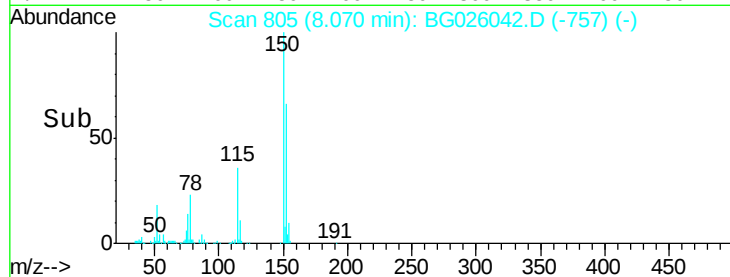
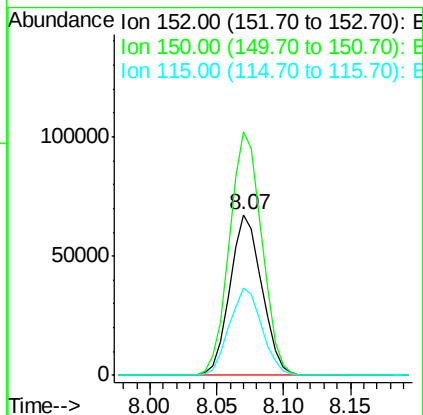
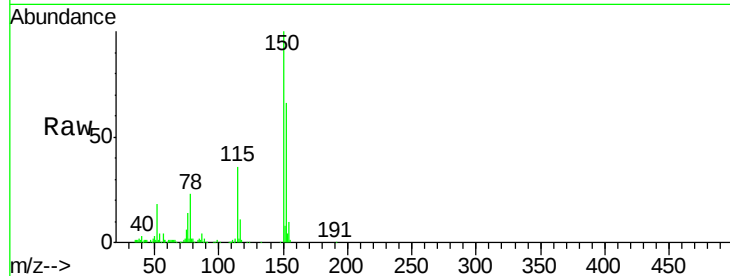


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG026042.D
Acq: 2 Mar 2017 23:15

Instrument :
BNA_G
ClientSampleId :
7B-16

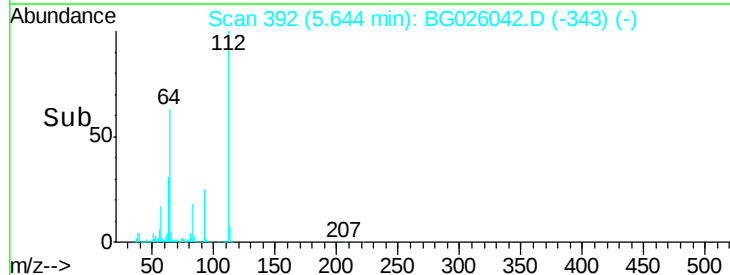
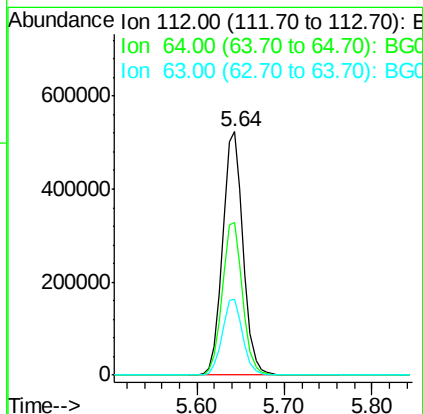
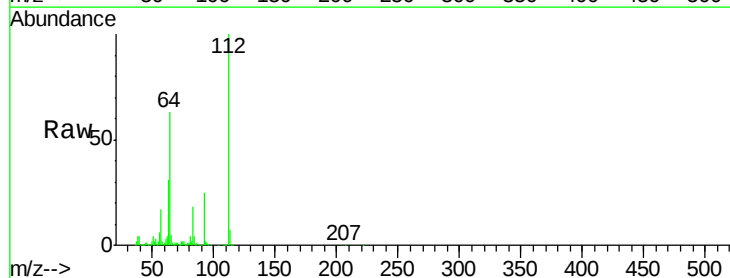
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.3	114.0	171.0
115	54.7	48.1	72.1

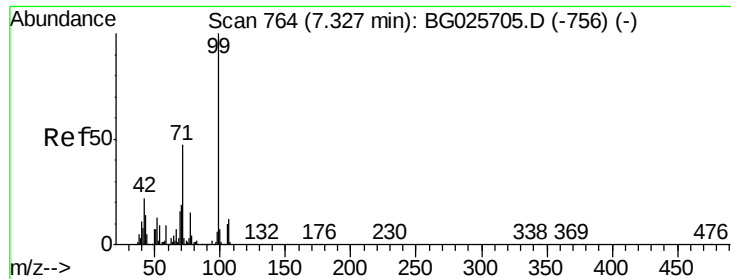


#5

2-Fluorophenol
Concen: 131.18 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG026042.D
Acq: 2 Mar 2017 23:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	61.8	92.6
63	31.4	37.2	55.8





#7

Phenol-d6

Concen: 120.74 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026042.D

Acq: 2 Mar 2017 23:15

Instrument :

BNA_G

ClientSampleId :

7B-16

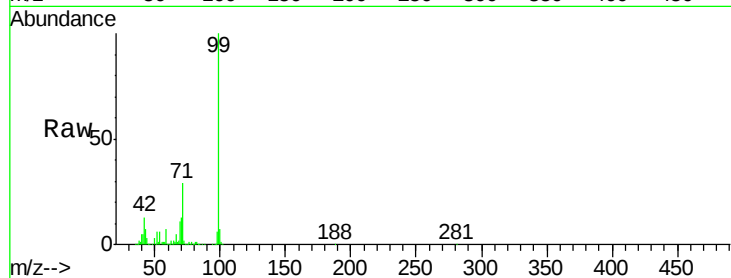
Tgt Ion: 99 Resp: 1148834

Ion Ratio Lower Upper

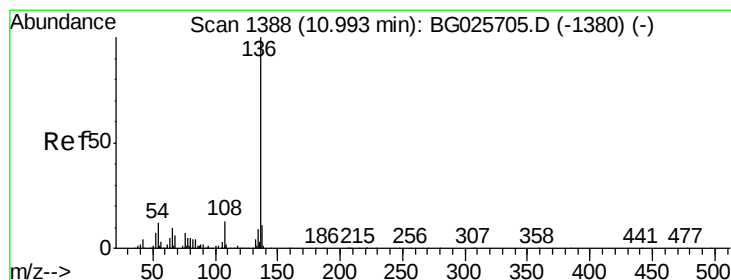
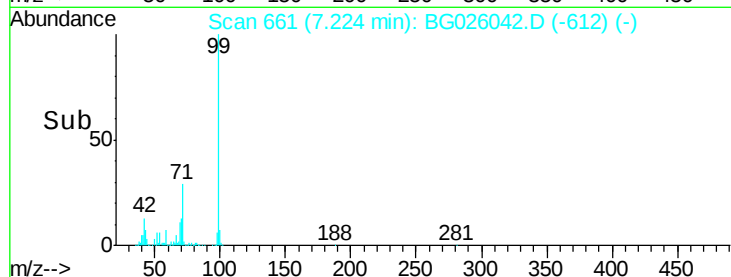
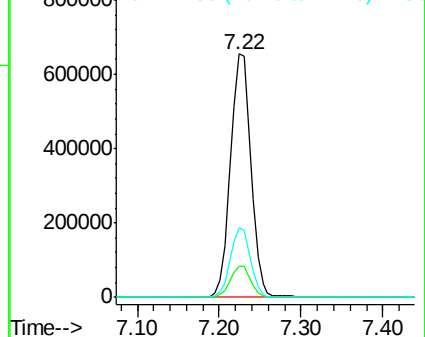
99 100

42 12.7 20.5 30.7#

71 28.7 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: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026042.D

Acq: 2 Mar 2017 23:15

Tgt Ion: 136 Resp: 457337

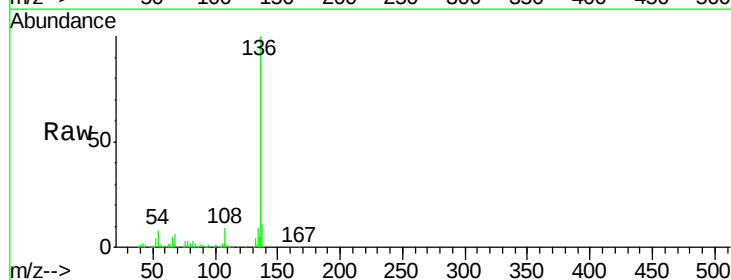
Ion Ratio Lower Upper

136 100

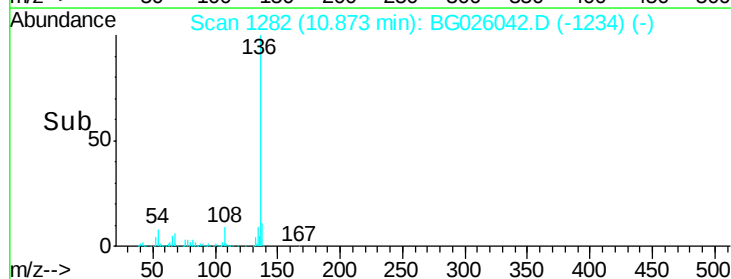
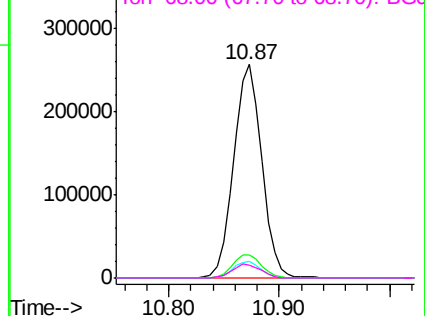
137 10.9 8.9 13.3

54 7.5 9.3 13.9#

68 5.8 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

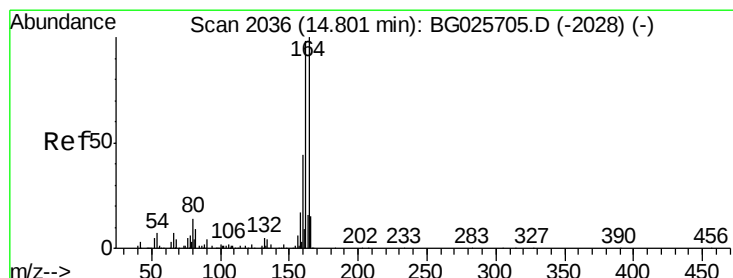
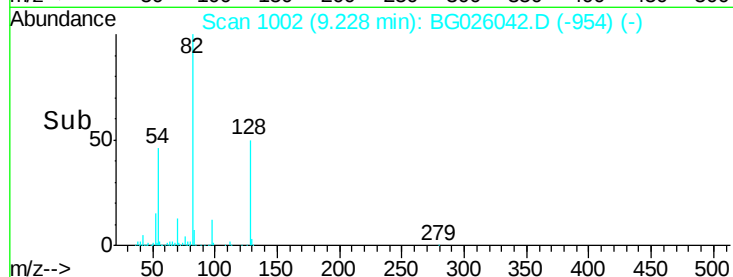
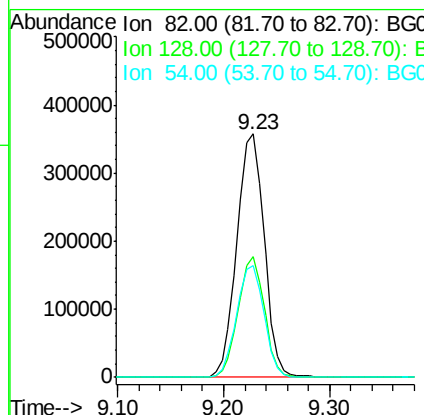
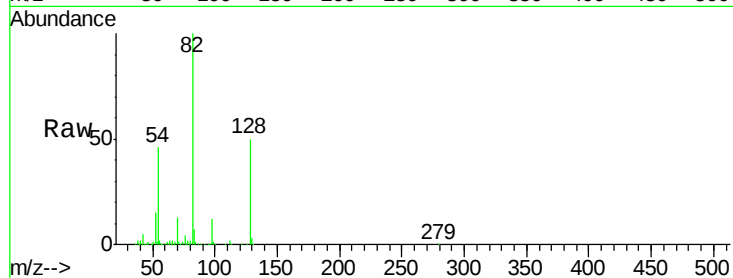




#23
 Nitrobenzene-d5
 Concen: 88.38 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026042.D
 Acq: 2 Mar 2017 23:15

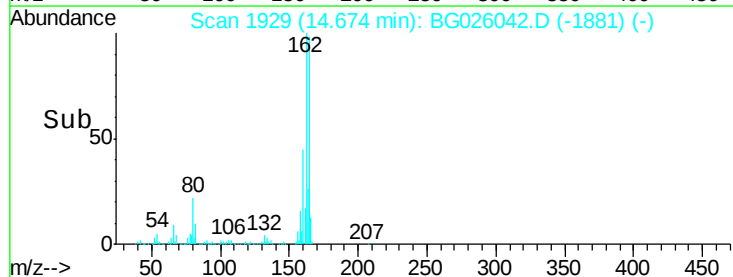
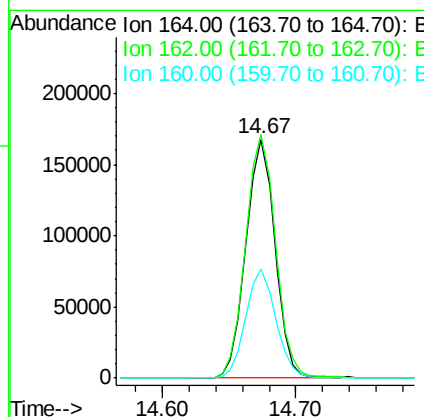
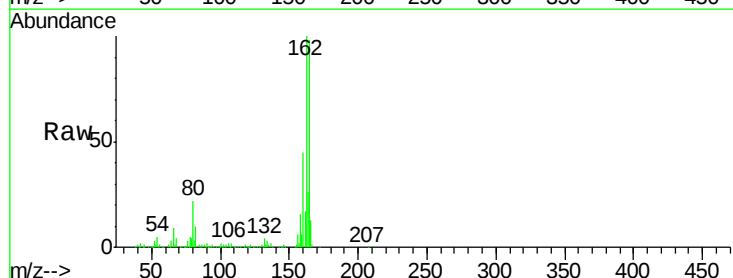
Instrument :
 BNA_G
 ClientSampleID :
 7B-16

Tgt Ion: 82 Resp: 640503
 Ion Ratio Lower Upper
 82 100
 128 49.8 26.4 39.6#
 54 46.0 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: BG026042.D
 Acq: 2 Mar 2017 23:15

Tgt Ion: 164 Resp: 252485
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 45.6 34.7 52.1

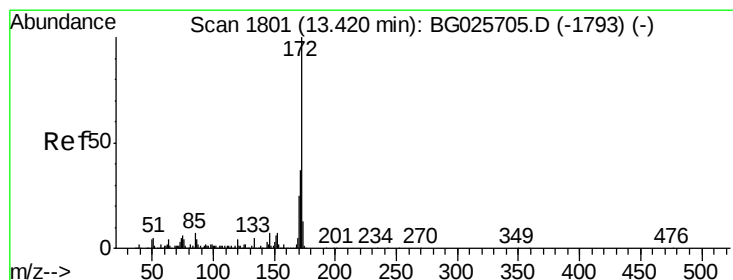
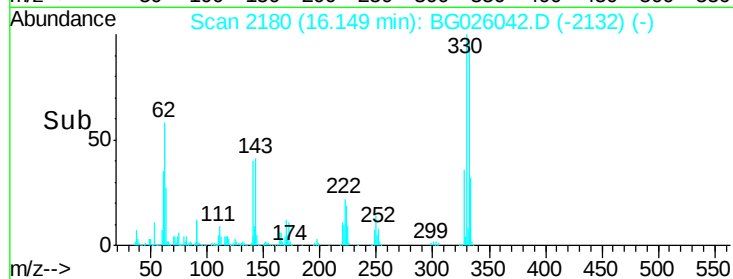
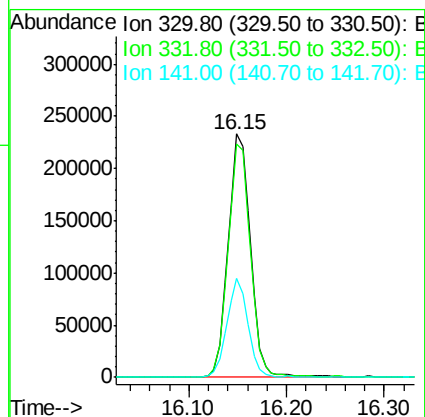
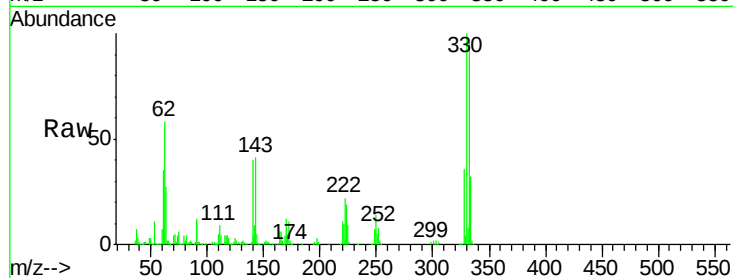




#41
 2,4,6-Tribromophenol
 Concen: 158.69 ng
 RT: 16.15 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BG026042.D
 Acq: 2 Mar 2017 23:15

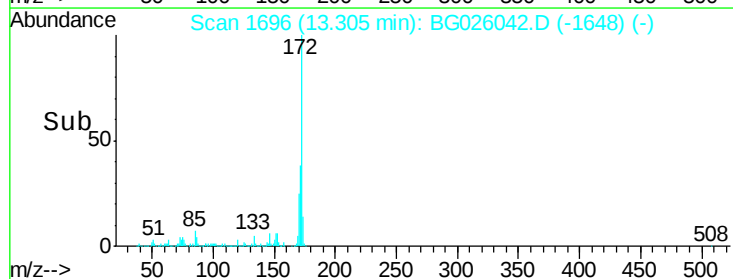
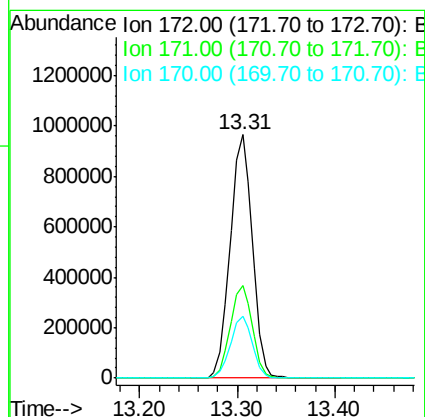
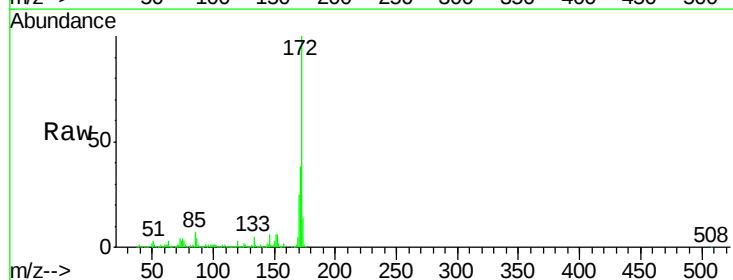
Instrument :
 BNA_G
 ClientSampleId :
 7B-16

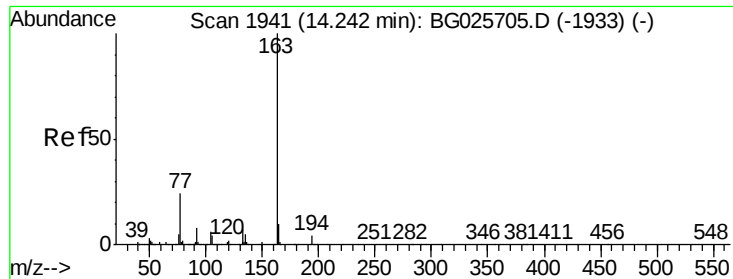
Tgt Ion:330 Resp: 370175
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 38.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 105.37 ng
 RT: 13.31 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026042.D
 Acq: 2 Mar 2017 23:15

Tgt Ion:172 Resp: 1522525
 Ion Ratio Lower Upper
 172 100
 171 38.1 32.2 48.2
 170 25.3 21.8 32.6





#49

Dimethylphthalate

Concen: 19.15 ng

RT: 14.12 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BG026042.D

Acq: 2 Mar 2017 23:15

Instrument :

BNA_G

ClientSampleId :

7B-16

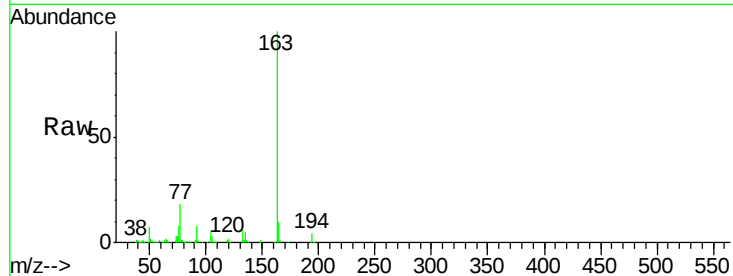
Tgt Ion:163 Resp: 331629

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

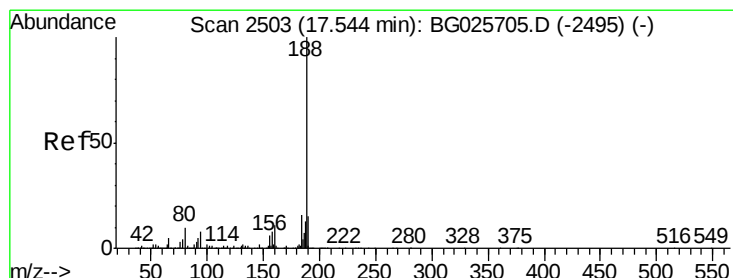
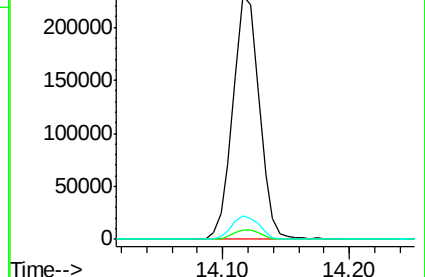
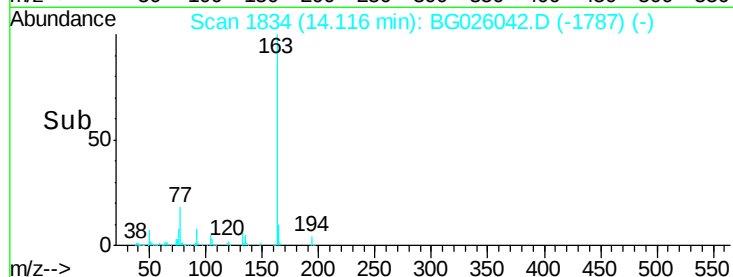
164 9.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026042.D

Acq: 2 Mar 2017 23:15

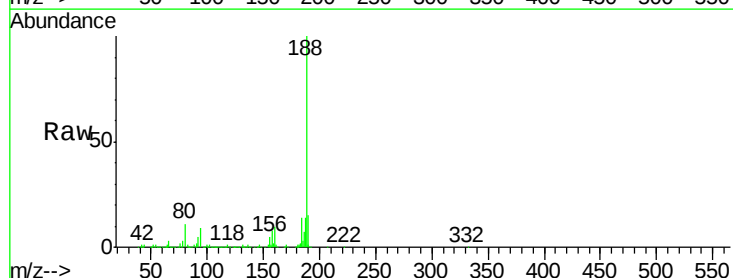
Tgt Ion:188 Resp: 588536

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

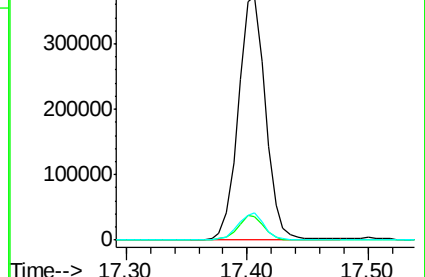
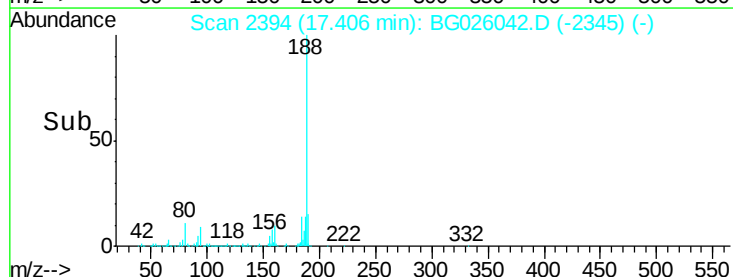
80 11.0 7.5 11.3

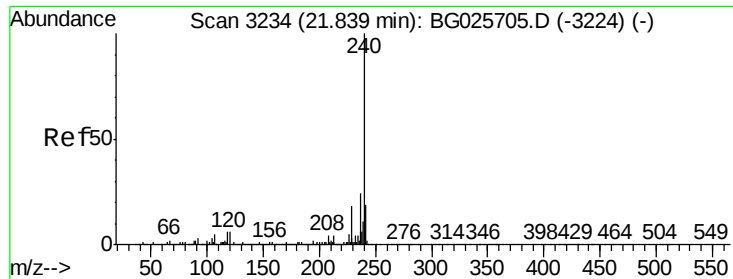


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026042.D

Acq: 2 Mar 2017 23:15

Instrument :

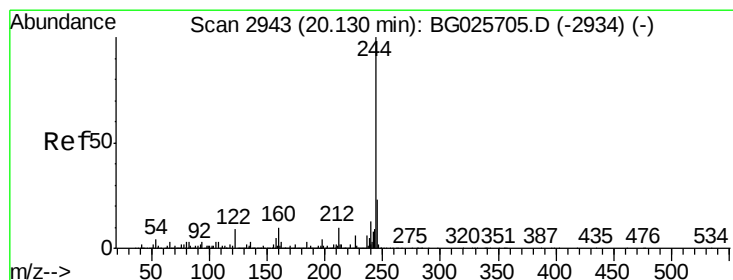
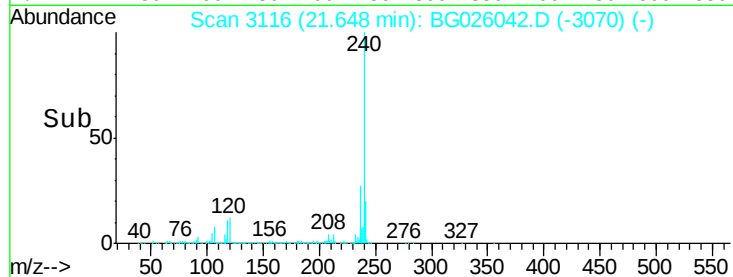
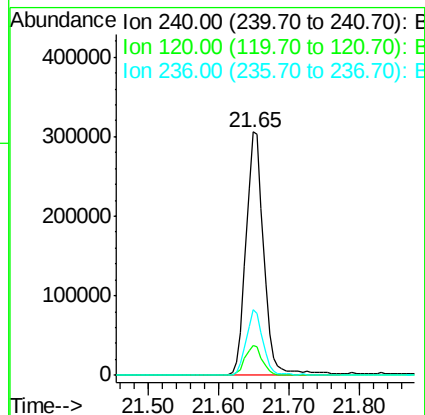
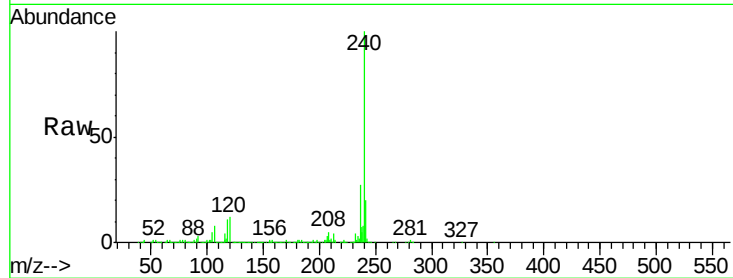
BNA_G

ClientSampleId :

7B-16

Tgt Ion:240 Resp: 540272

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.7	8.5#
236	26.9	22.2	33.4



#78

Terphenyl-d14

Concen: 86.00 ng

RT: 20.00 min Scan# 2835

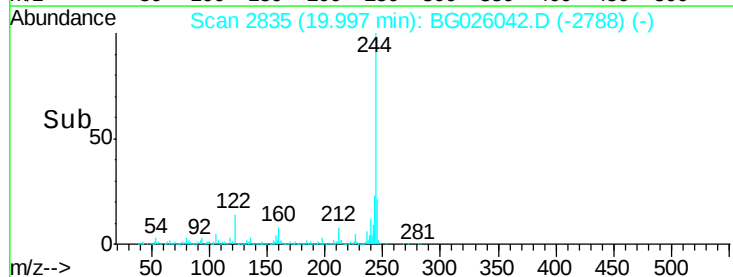
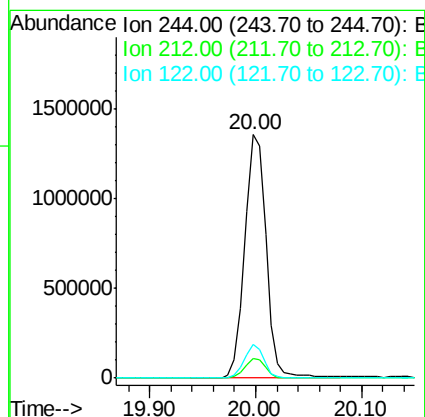
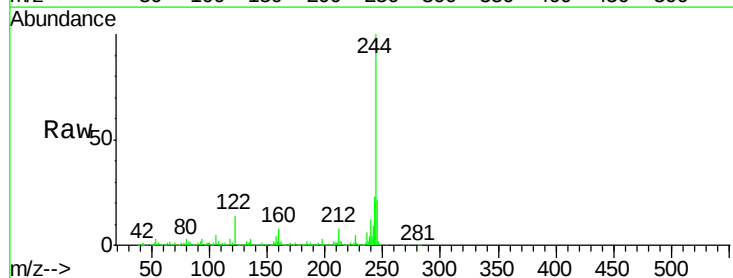
Delta R.T. -0.02 min

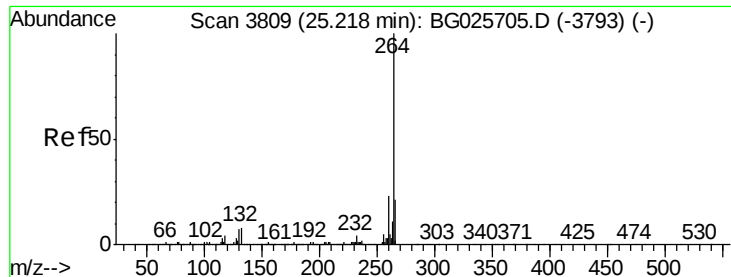
Lab File: BG026042.D

Acq: 2 Mar 2017 23:15

Tgt Ion:244 Resp: 1910459

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	13.6	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: BG026042.D
Acq: 2 Mar 2017 23:15

Instrument :
BNA_G
ClientSampleId :
7B-16

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	22.6	21.8	32.8	
265	20.5	18.2	27.4	

