

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025786.D
 Acq On : 3 Feb 2017 9:22
 Operator : SJ/MA
 Sample : I1641-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 013017-DSDC-F-U-M

Quant Time: Feb 03 12:40:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

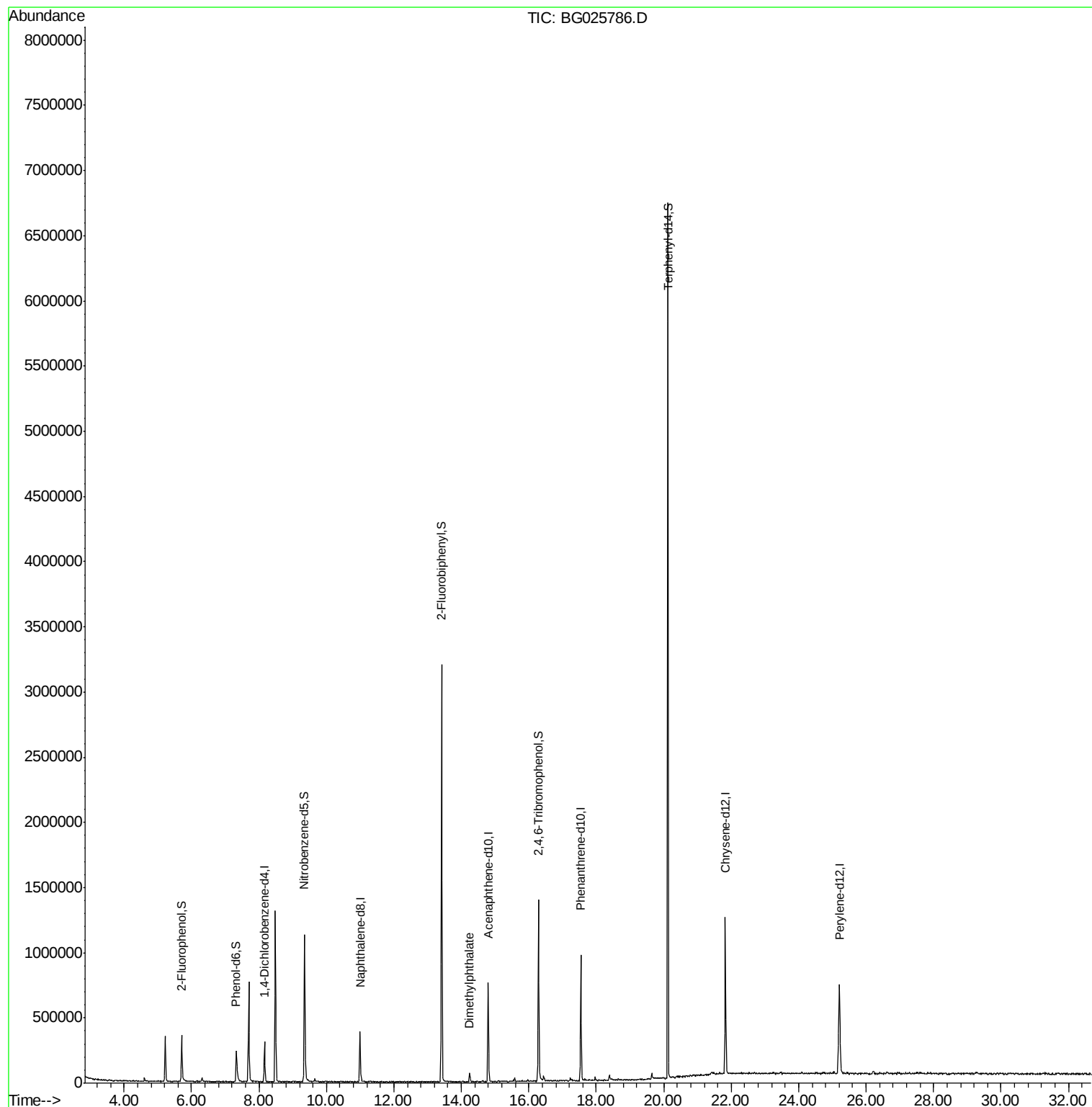
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	79345	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	346408	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	278191	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	621297	20.00	ng	0.00
75) Chrysene-d12	21.83	240	765769	20.00	ng	-0.01
86) Perylene-d12	25.21	264	770948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	168967	38.17	ng	0.00
7) Phenol-d6	7.33	99	159146	24.61	ng	0.00
23) Nitrobenzene-d5	9.35	82	764709	93.27	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	286736	72.27	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1602620	93.56	ng	0.00
78) Terphenyl-d14	20.12	244	2593774	81.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	49497	2.36	ng	Qvalue # 98

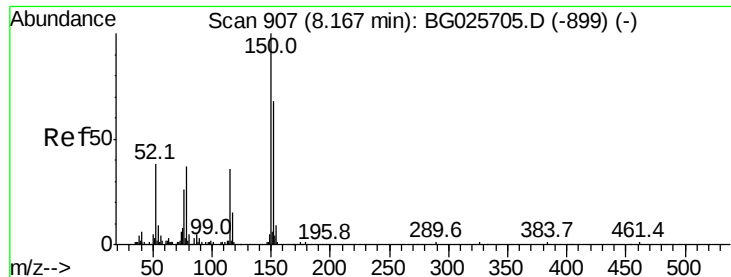
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-U-M

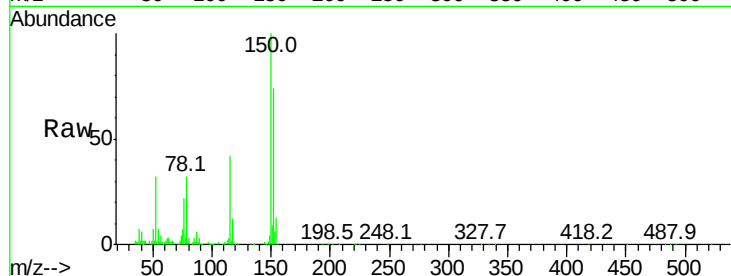
Tot Ion:152 Resp: 79345

Ion Ratio Lower Upper

152 100

150 135.7 114.0 171.0

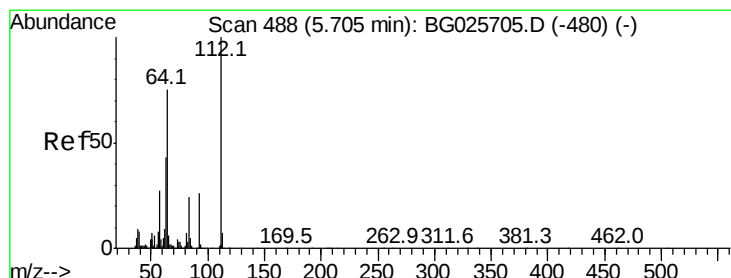
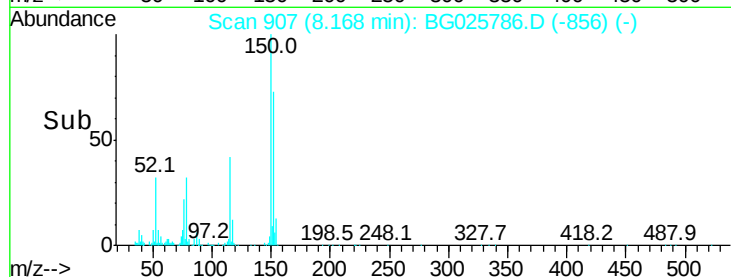
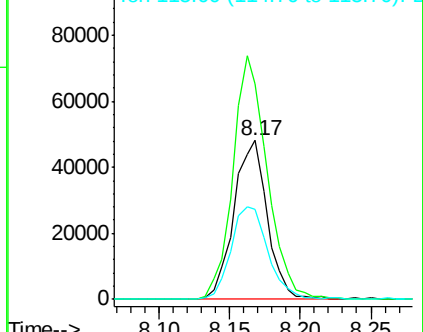
115 56.5 48.1 72.1



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: 38.17 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

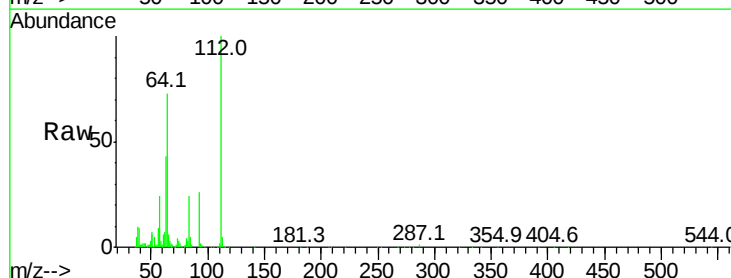
Tgt Ion:112 Resp: 168967

Ion Ratio Lower Upper

112 100

64 72.6 61.8 92.6

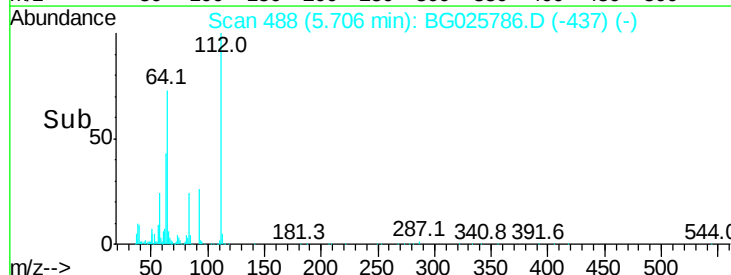
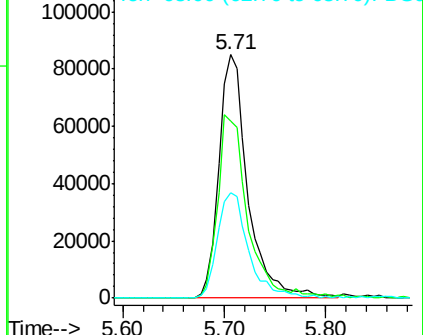
63 43.1 37.2 55.8

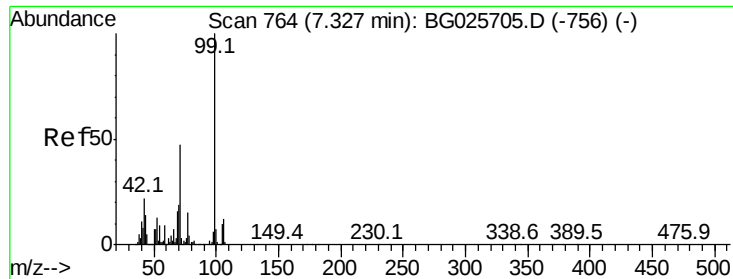


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.61 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-U-M

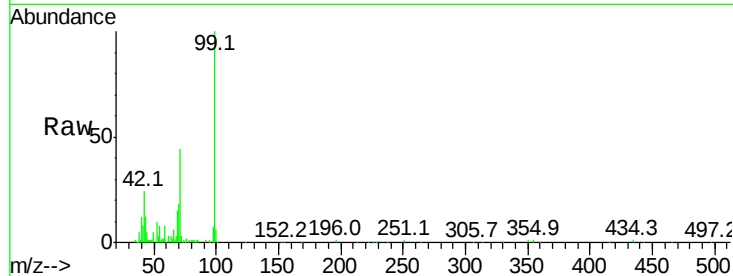
Tot Ion: 99 Resp: 159146

Ion Ratio Lower Upper

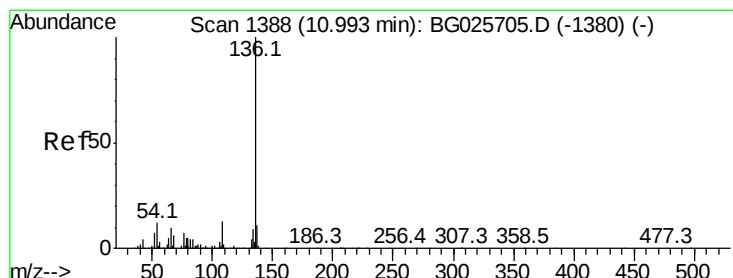
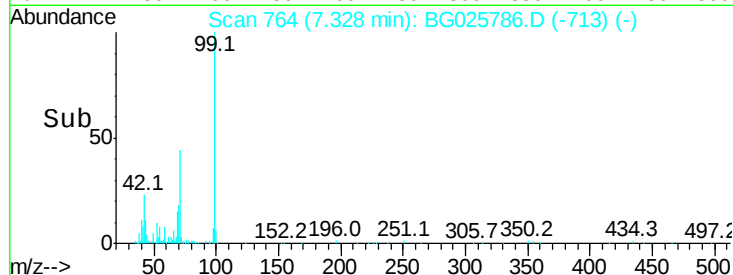
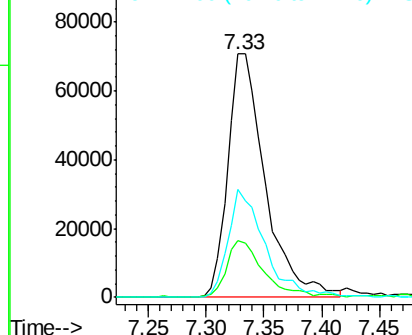
99 100

42 23.5 20.5 30.7

71 44.2 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: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

Tgt Ion: 136 Resp: 346408

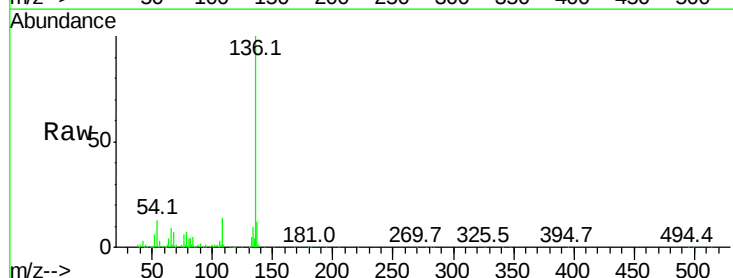
Ion Ratio Lower Upper

136 100

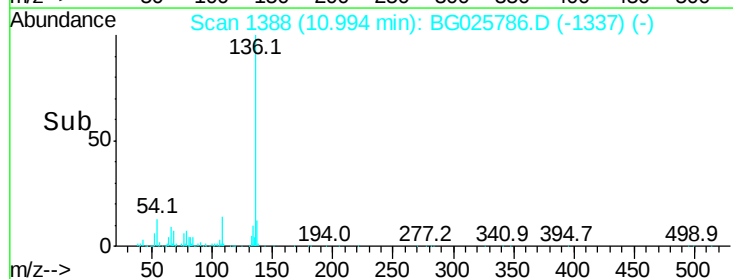
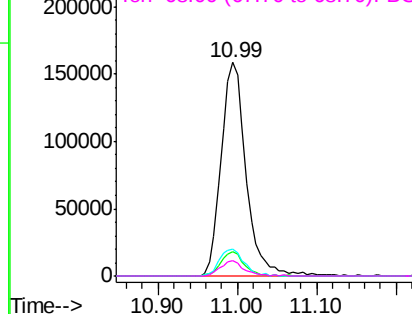
137 11.6 8.9 13.3

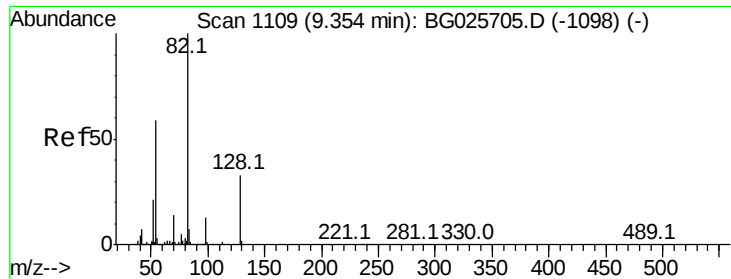
54 12.8 9.3 13.9

68 7.3 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

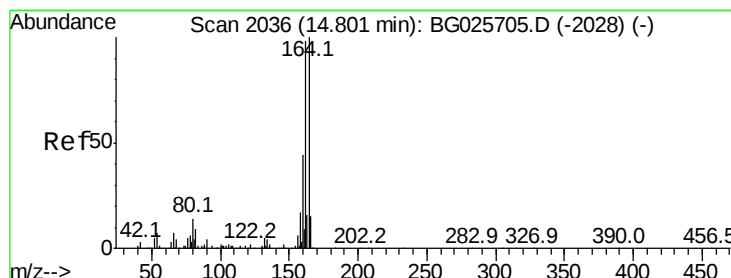
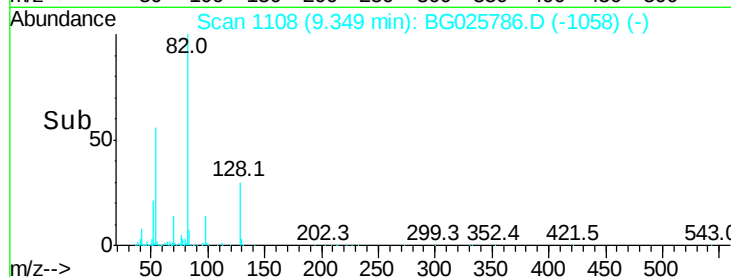
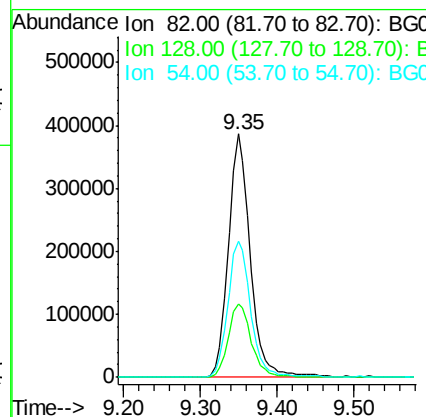
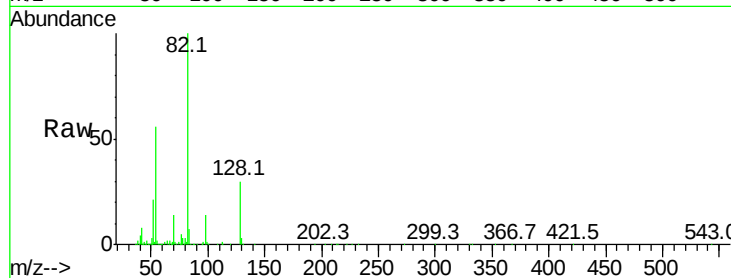




#23
 Nitrobenzene-d5
 Concen: 93.27 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025786.D
 Acq: 3 Feb 2017 9:22

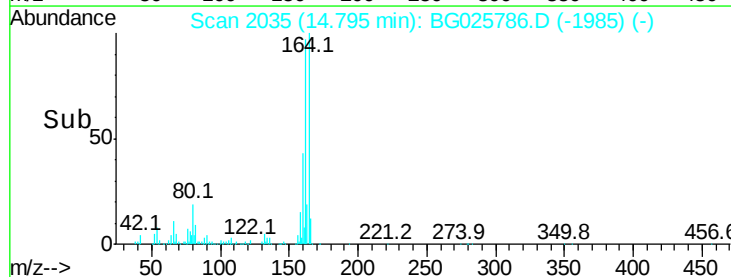
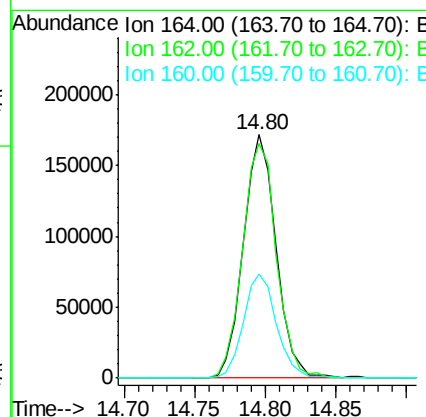
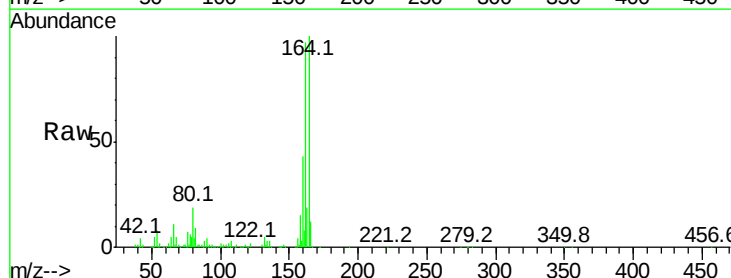
Instrument :
 BNA_G
 ClientSampleId :
 013017-DSDC-F-U-M

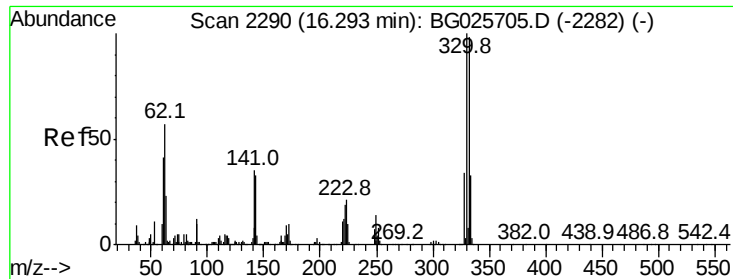
Tot Ion	82	Resp	764709
Ion Ratio	100	Lower	Upper
128	30.2	26.4	39.6
54	56.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025786.D
 Acq: 3 Feb 2017 9:22

Tgt Ion	164	Resp	278191
Ion Ratio	100	Lower	Upper
162	96.5	85.1	127.7
160	42.6	34.7	52.1

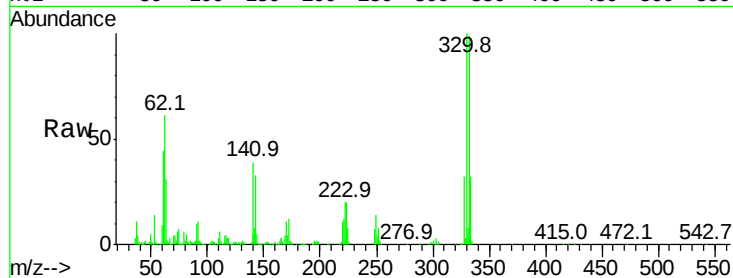




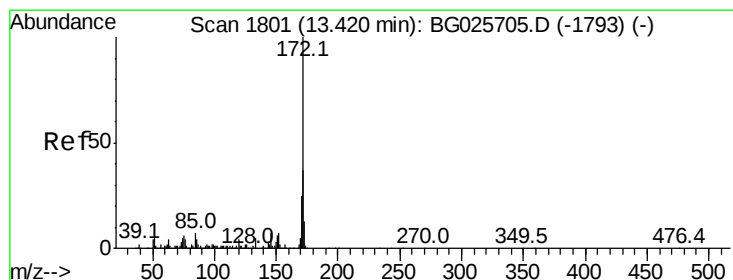
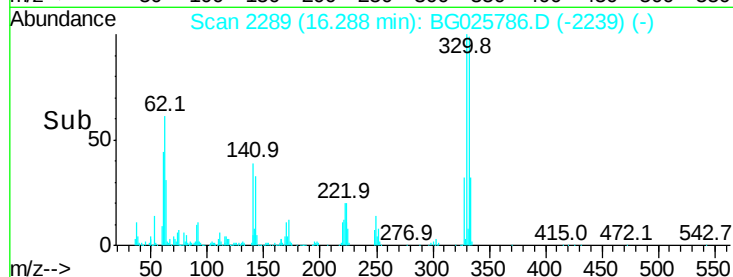
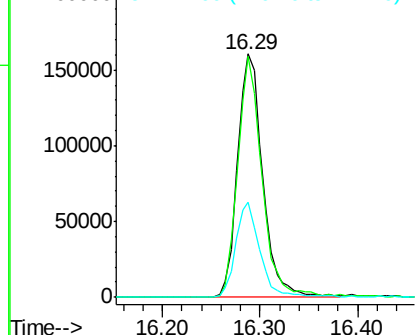
#41
 2,4,6-Tribromophenol
 Concen: 72.27 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025786.D
 Acq: 3 Feb 2017 9:22

Instrument :
 BNA_G
 ClientSampleId :
 013017-DSDC-F-U-M

Tot Ion:330 Resp: 286736
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 37.2 32.1 48.1

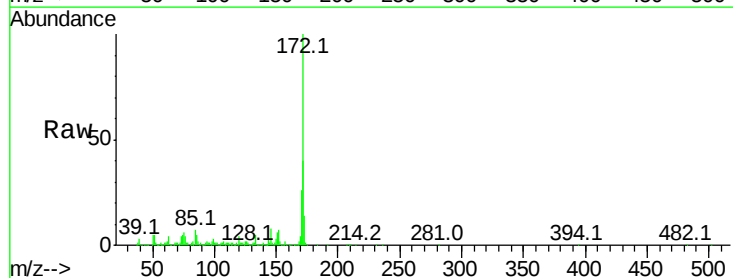


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

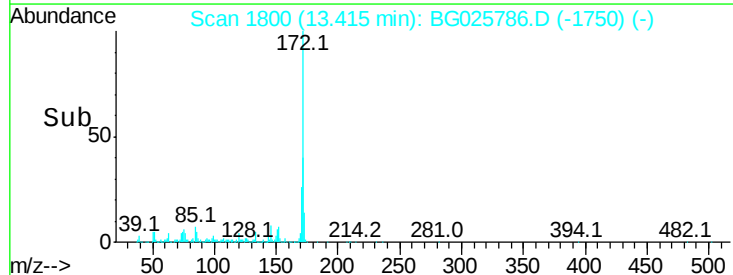
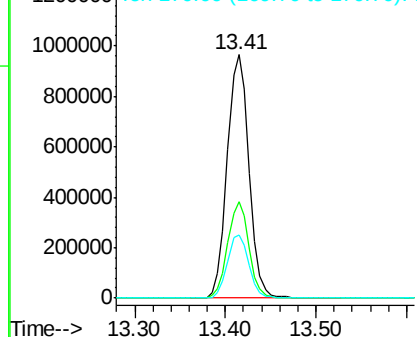


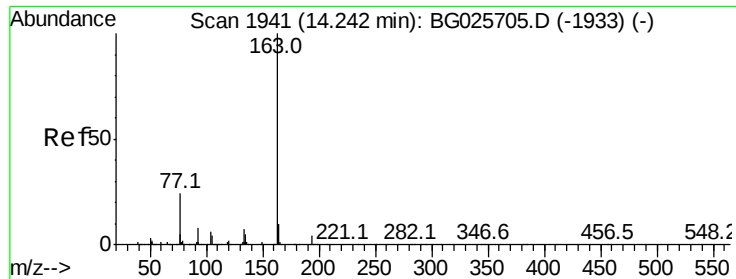
#44
 2-Fluorobiphenyl
 Concen: 93.56 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025786.D
 Acq: 3 Feb 2017 9:22

Tgt Ion:172 Resp: 1602620
 Ion Ratio Lower Upper
 172 100
 171 39.6 32.2 48.2
 170 25.9 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





#49

Dimethylphthalate

Concen: 2.36 ng

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-U-M

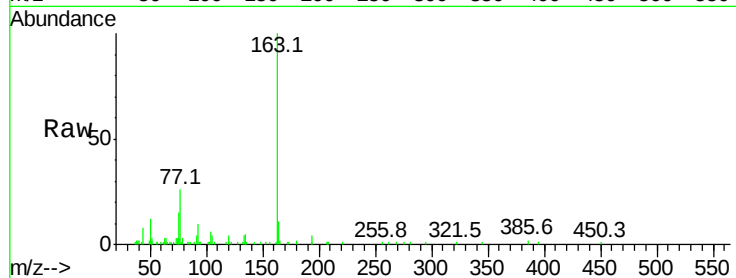
Tot Ion:163 Resp: 49497

Ion Ratio Lower Upper

163 100

194 3.7 3.8 5.6#

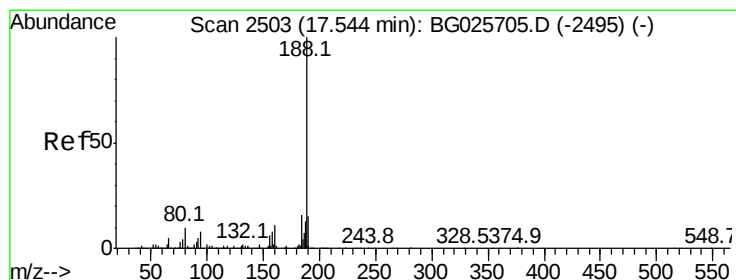
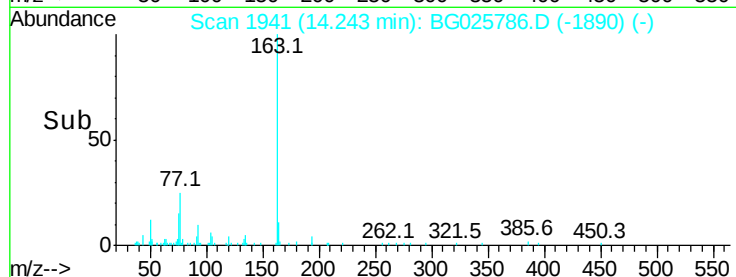
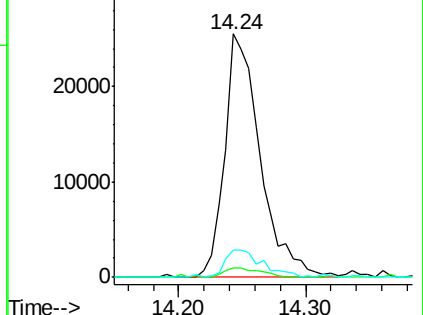
164 11.2 9.3 13.9



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: 17.55 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

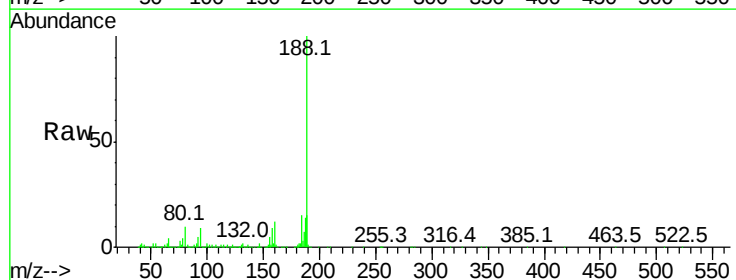
Tgt Ion:188 Resp: 621297

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

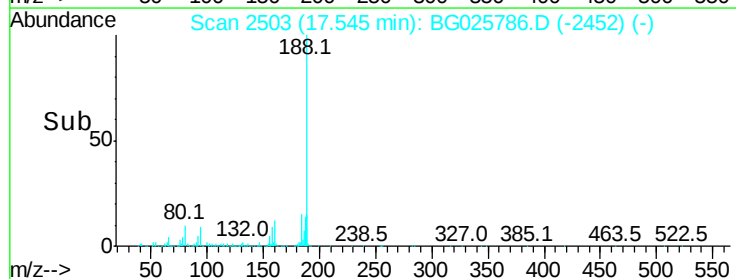
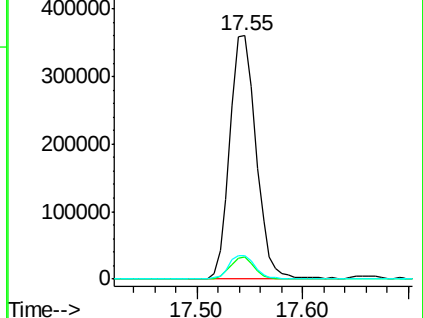
80 9.5 7.5 11.3

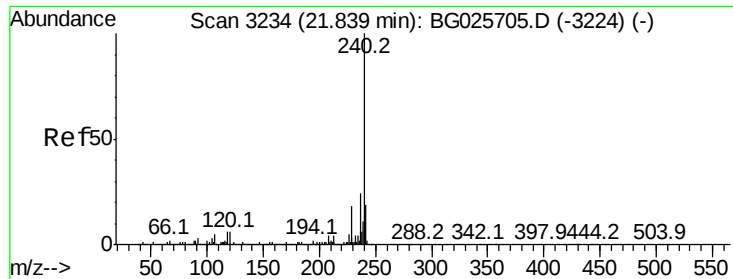


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-U-M

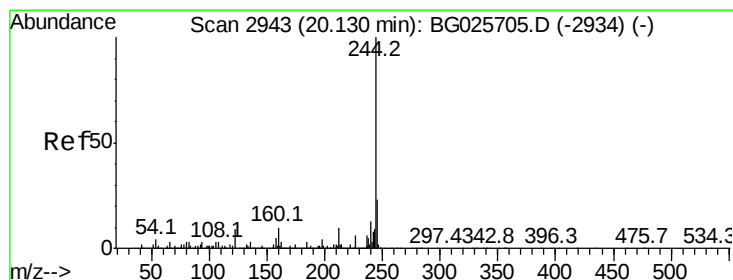
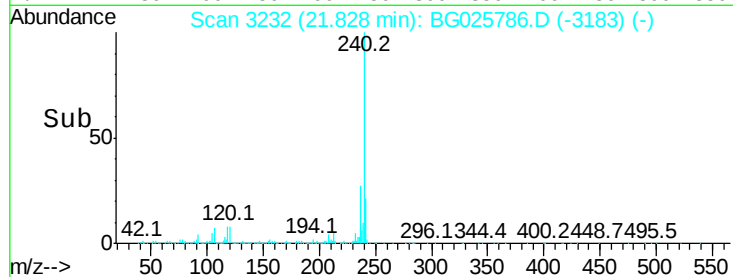
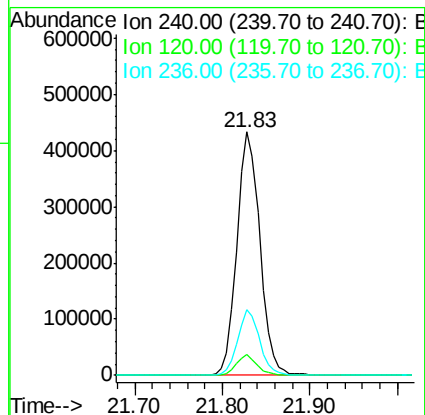
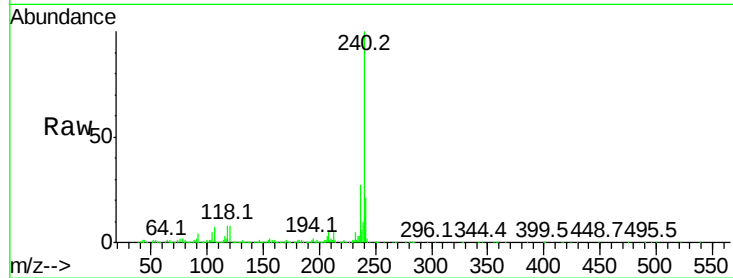
Tot Ion:240 Resp: 765769

Ion Ratio Lower Upper

240 100

120 8.4 5.7 8.5

236 27.1 22.2 33.4



#78

Terphenyl-d14

Concen: 81.76 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025786.D

Acq: 3 Feb 2017 9:22

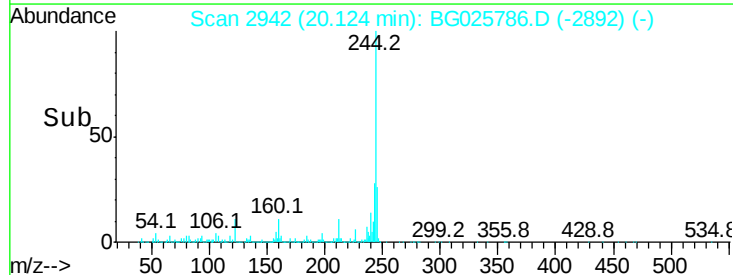
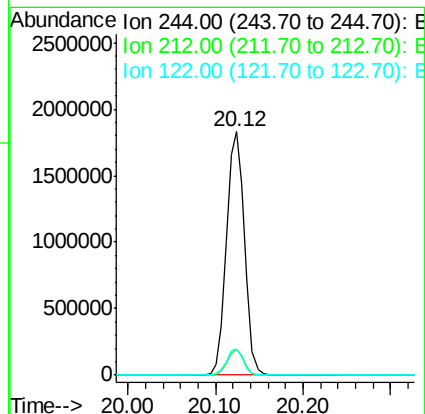
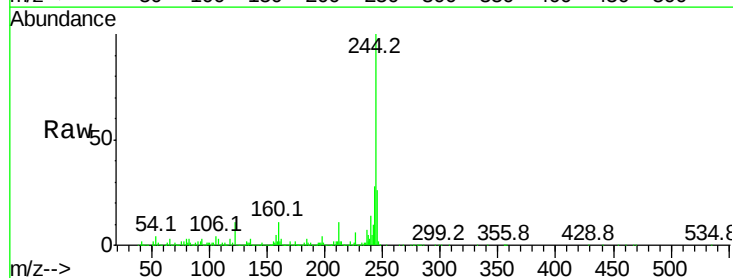
Tgt Ion:244 Resp: 2593774

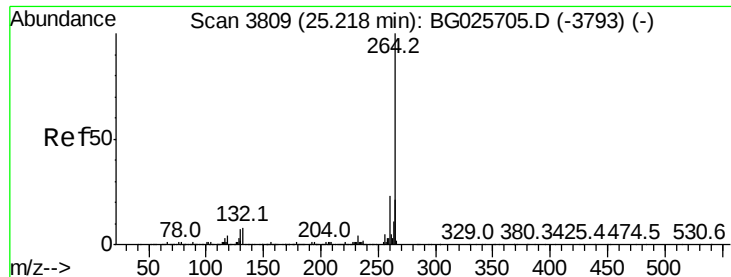
Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

122 10.8 8.6 12.8

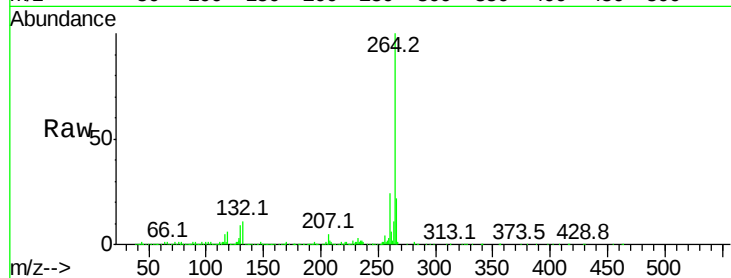




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG025786.D
 Acq: 3 Feb 2017 9:22

Instrument :
 BNA_G
 ClientSampleId :
 013017-DSDC-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.5	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

