

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025796.D
 Acq On : 3 Feb 2017 15:52
 Operator : SJ/MA
 Sample : I1641-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Feb 03 16:40:07 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	70743	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	295606	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	242273	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	548056	20.00	ng	0.00
75) Chrysene-d12	21.83	240	667259	20.00	ng	0.00
86) Perylene-d12	25.21	264	676881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	187680	47.55	ng	0.00
7) Phenol-d6	7.34	99	189902	32.94	ng	0.01
23) Nitrobenzene-d5	9.35	82	666258	95.23	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	248814	72.01	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1391857	93.30	ng	0.00
78) Terphenyl-d14	20.12	244	2421644	87.60	ng	0.00

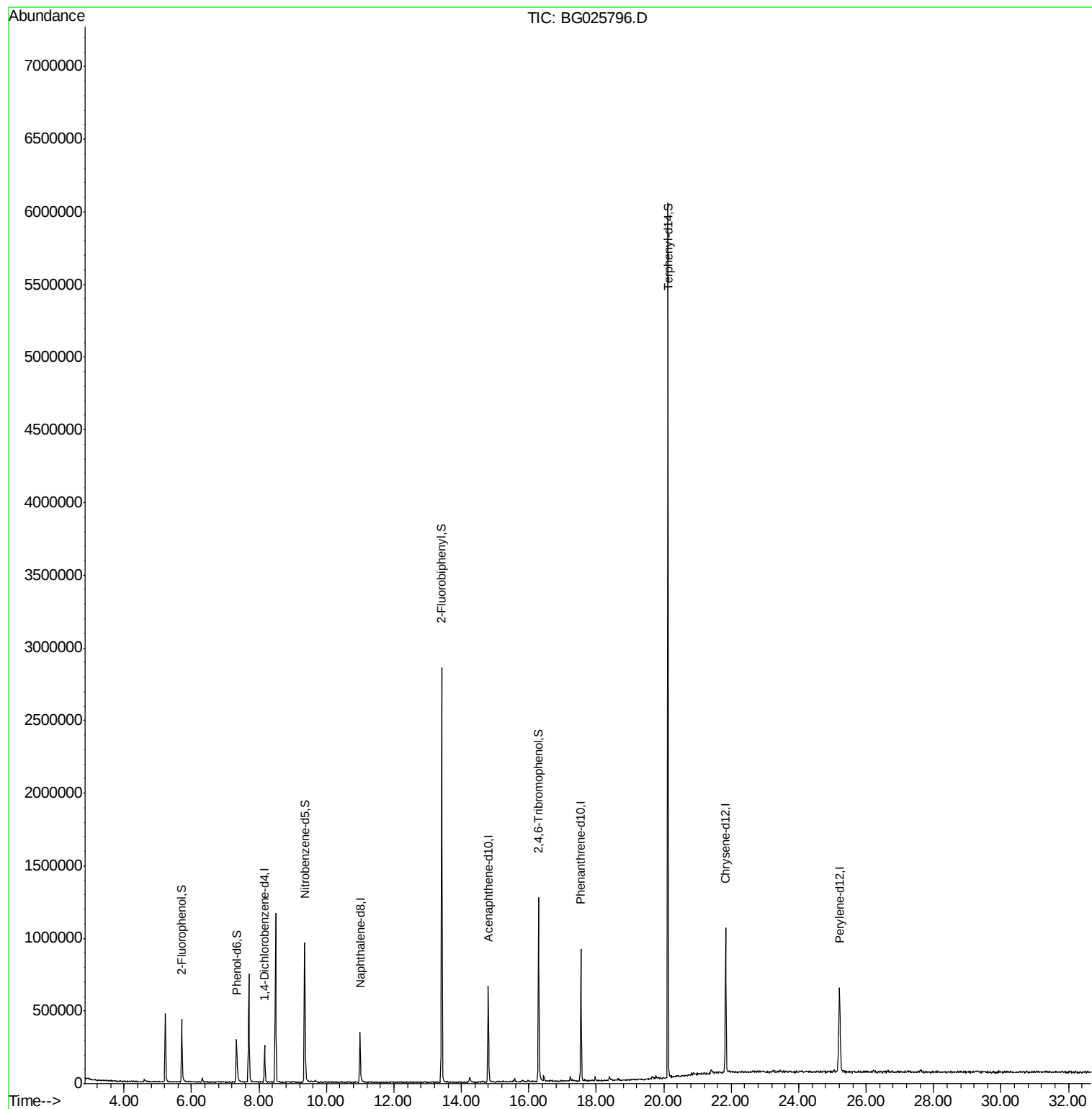
Target Compounds Qvalue

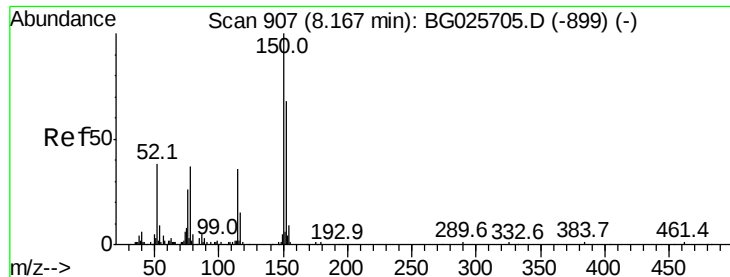
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

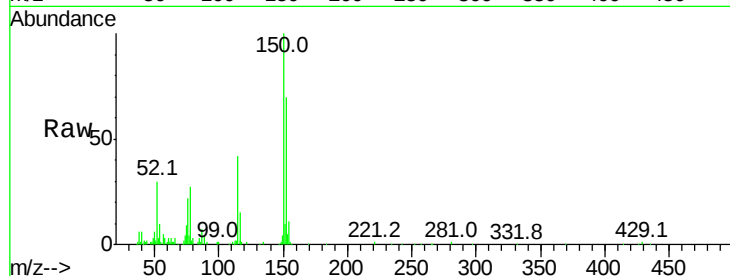
Tot Ion:152 Resp: 70743

Ion Ratio Lower Upper

152 100

150 142.1 114.0 171.0

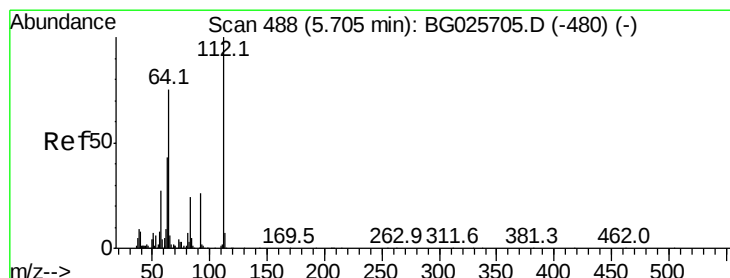
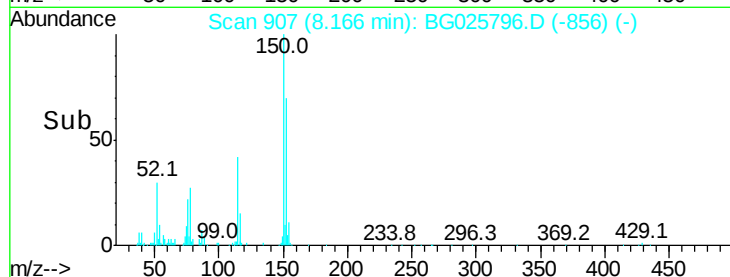
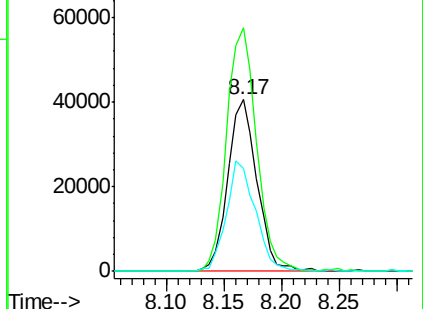
115 59.9 48.1 72.1



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: 47.55 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

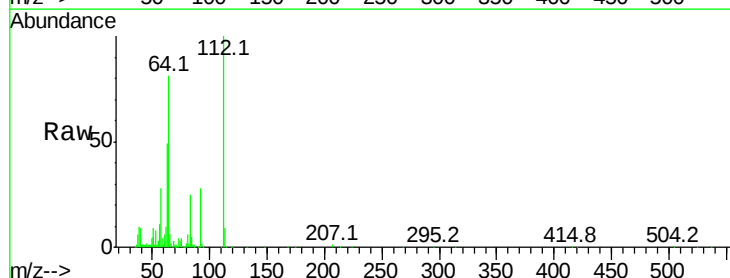
Tgt Ion:112 Resp: 187680

Ion Ratio Lower Upper

112 100

64 81.3 61.8 92.6

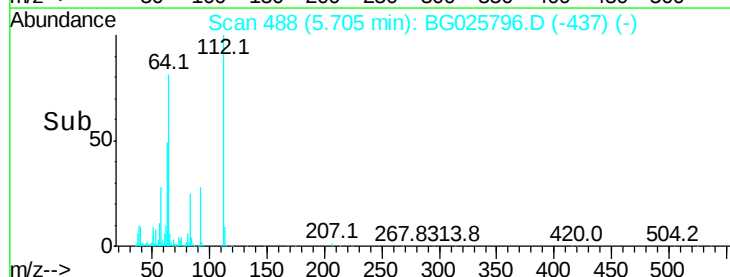
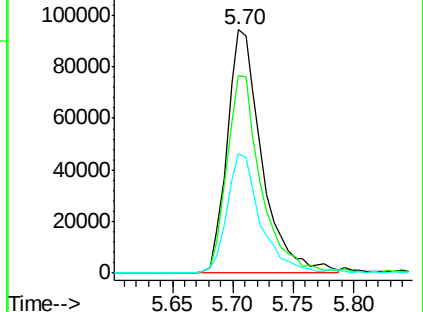
63 49.2 37.2 55.8

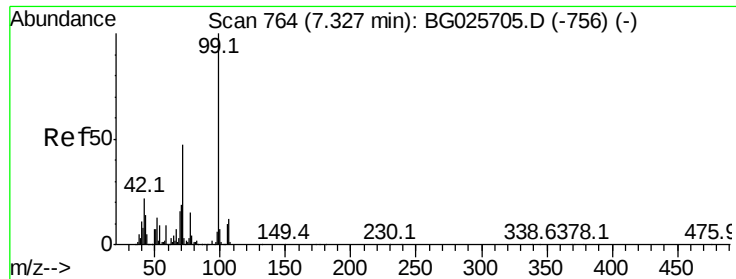


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.94 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

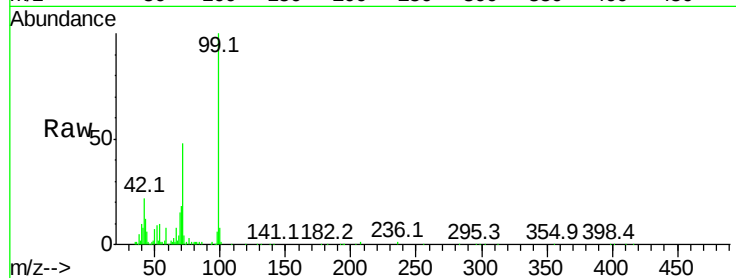
Tot Ion: 99 Resp: 189902

Ion Ratio Lower Upper

99 100

42 22.5 20.5 30.7

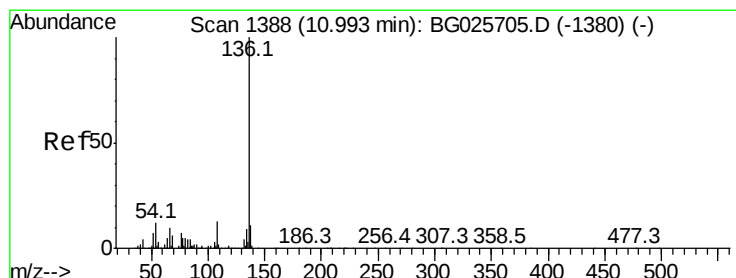
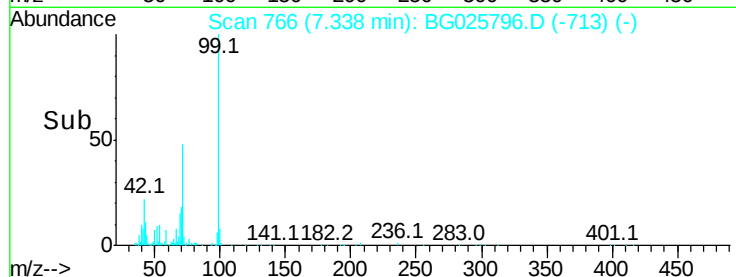
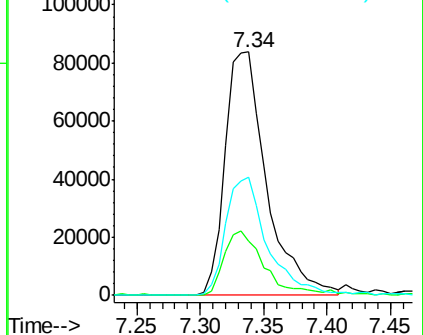
71 48.3 37.6 56.4



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: 11.00 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Tgt Ion: 136 Resp: 295606

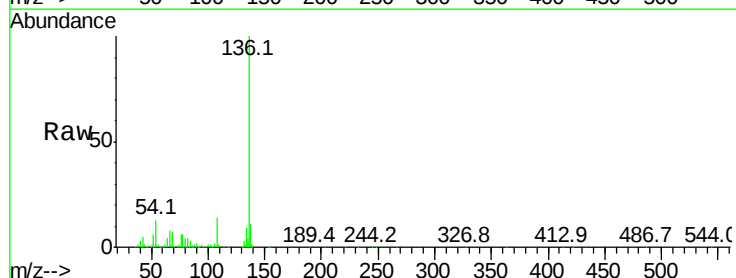
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 13.3 9.3 13.9

68 6.5 5.1 7.7

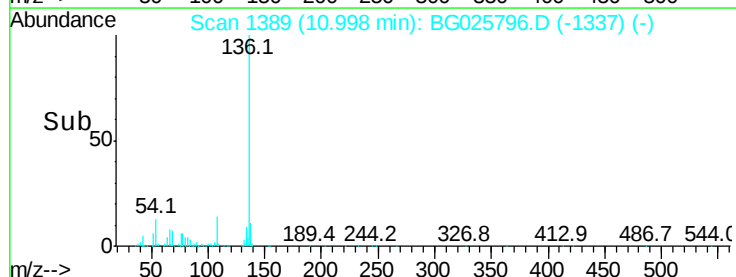
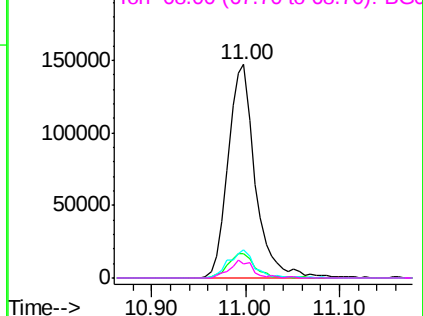


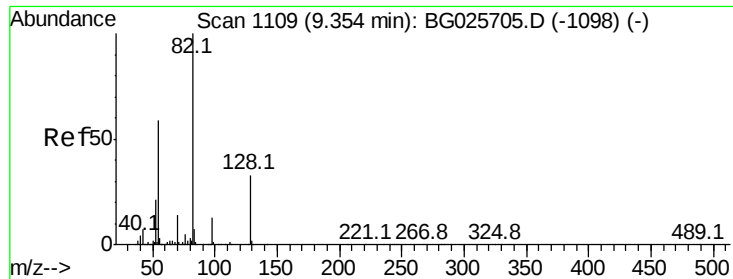
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

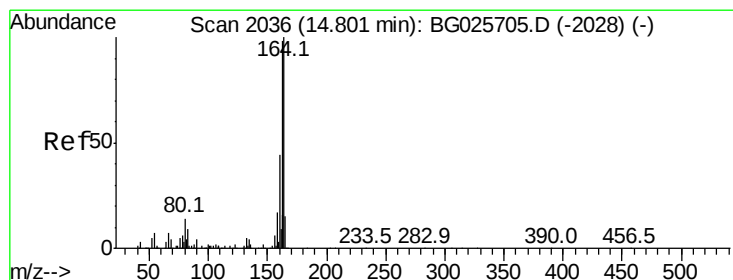
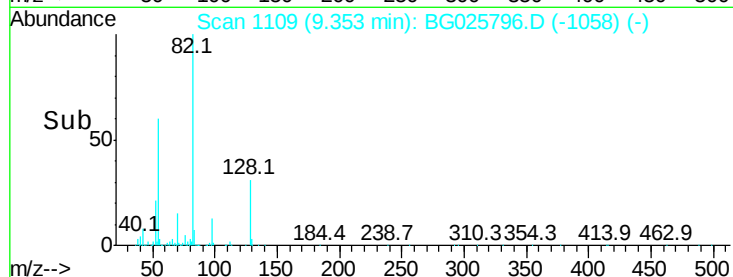
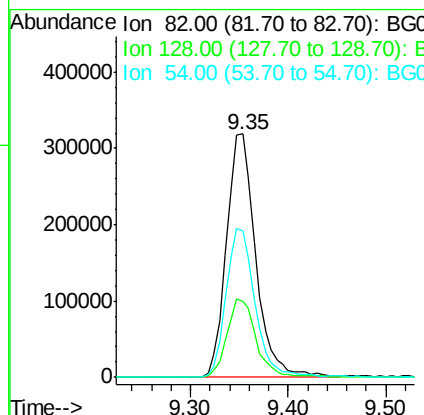
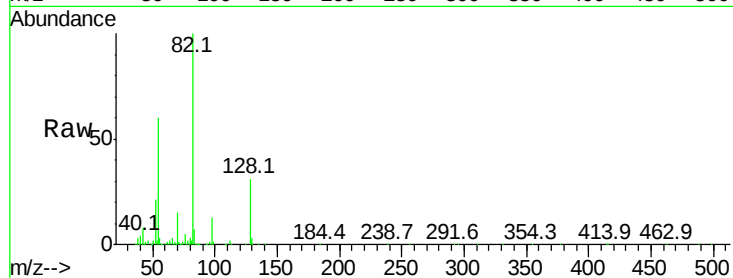




#23
 Nitrobenzene-d5
 Concen: 95.23 ng
 RT: 9.35 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BG025796.D
 Acq: 3 Feb 2017 15:52

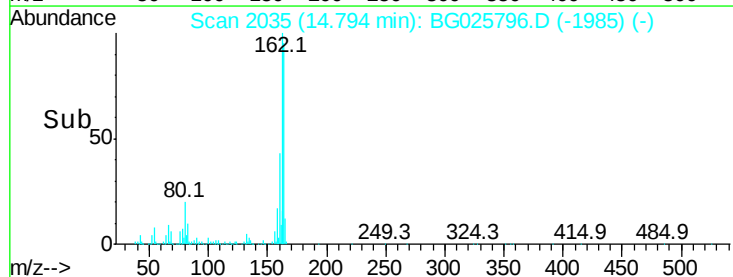
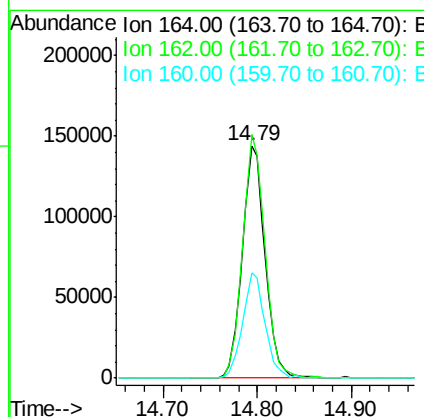
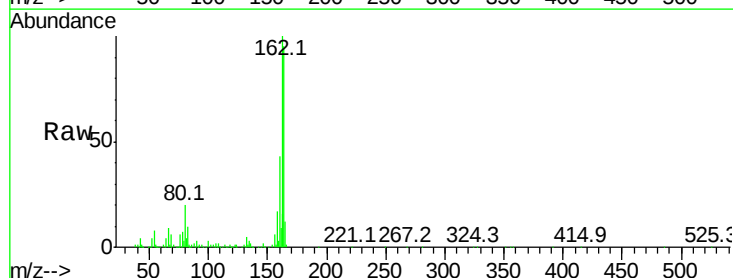
Instrument :
 BNA_G
 ClientSampleId :
 013017-DSDC-F-D-M

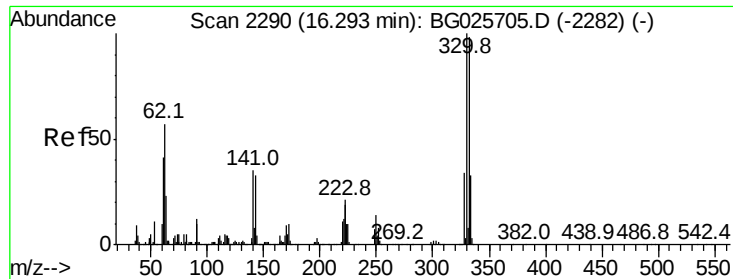
Tot Ion	82	Resp	666258
Ion	Ratio	Lower	Upper
82	100		
128	31.0	26.4	39.6
54	59.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025796.D
 Acq: 3 Feb 2017 15:52

Tgt Ion	164	Resp	242273
Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	45.5	34.7	52.1



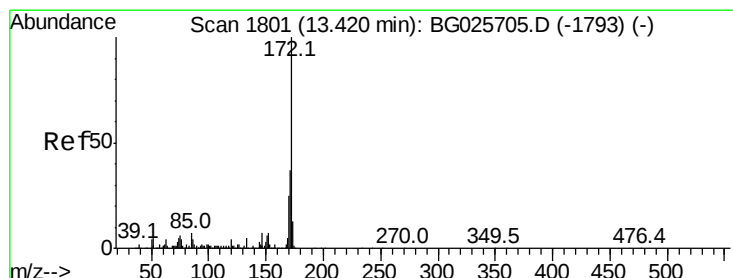
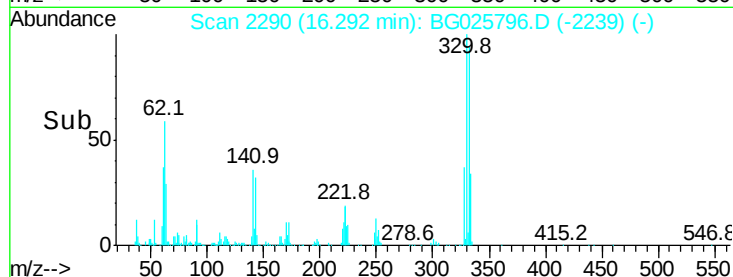
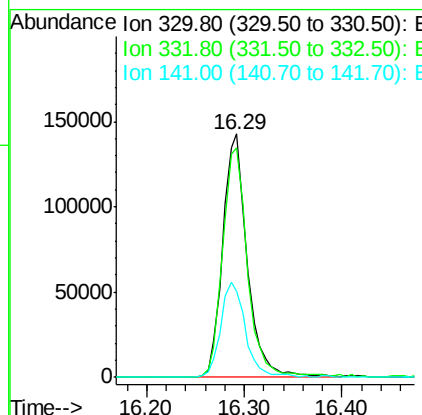
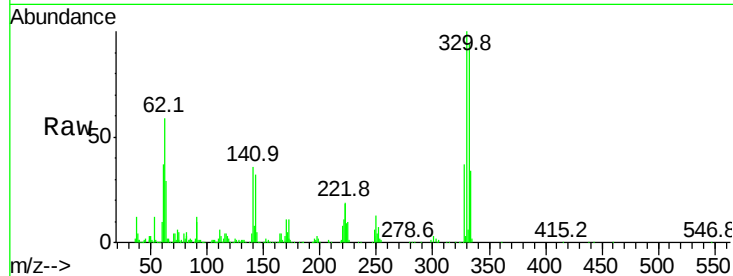


#41
 2,4,6-Tribromophenol
 Concen: 72.01 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG025796.D
 Acq: 3 Feb 2017 15:52

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

Tot Ion:330 Resp: 248814

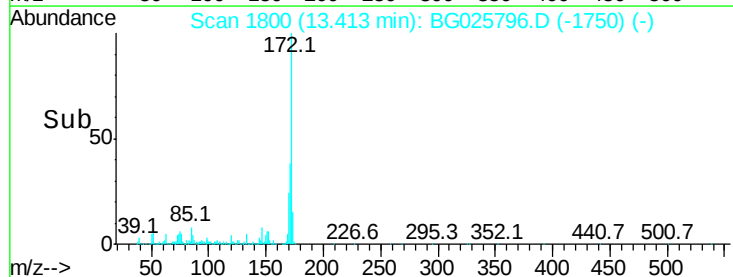
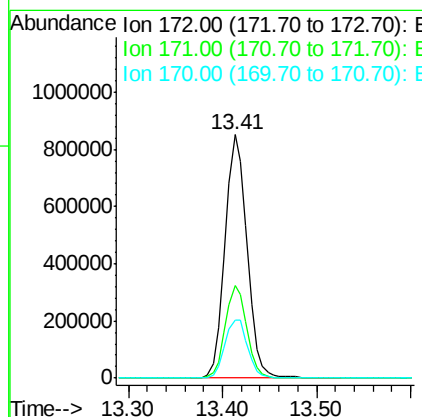
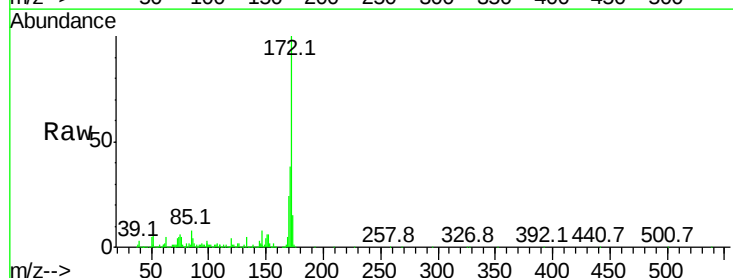
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	39.4	32.1	48.1

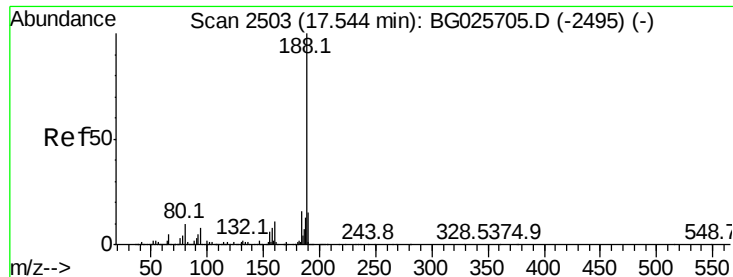


#44
 2-Fluorobiphenyl
 Concen: 93.30 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025796.D
 Acq: 3 Feb 2017 15:52

Tgt Ion:172 Resp: 1391857

Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

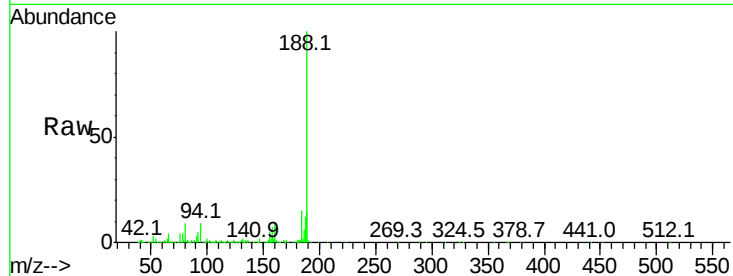
Tot Ion:188 Resp: 548056

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

80 9.2 7.5 11.3

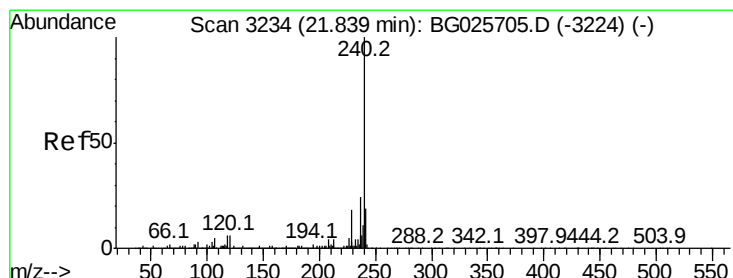
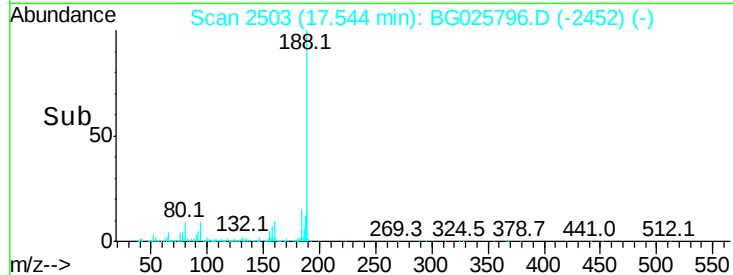
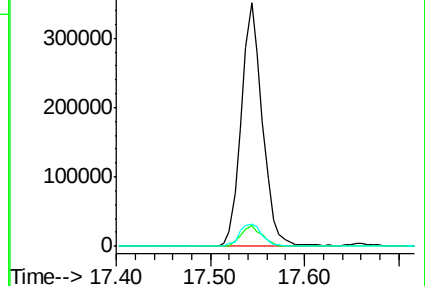


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.54



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

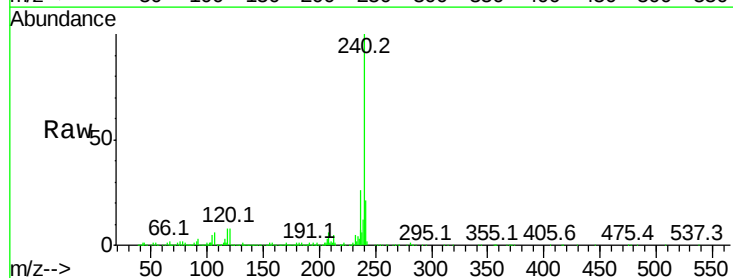
Tgt Ion:240 Resp: 667259

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

236 25.8 22.2 33.4

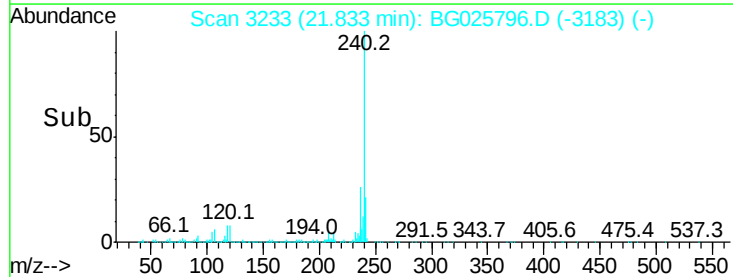
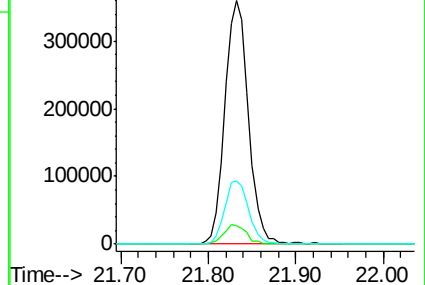


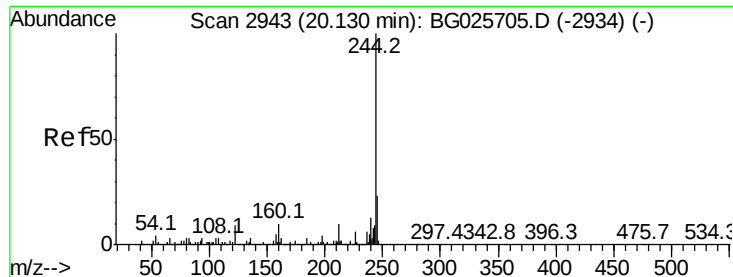
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.83





#78

Terphenyl-d14

Concen: 87.60 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

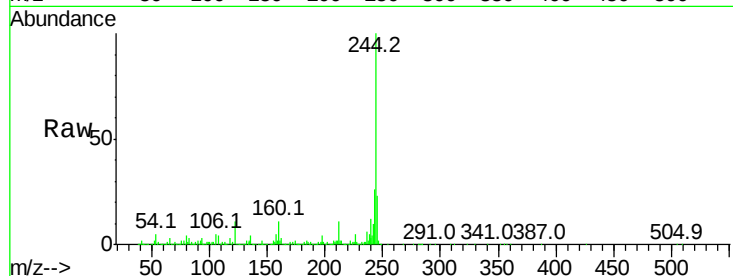
Tot Ion:244 Resp: 2421644

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

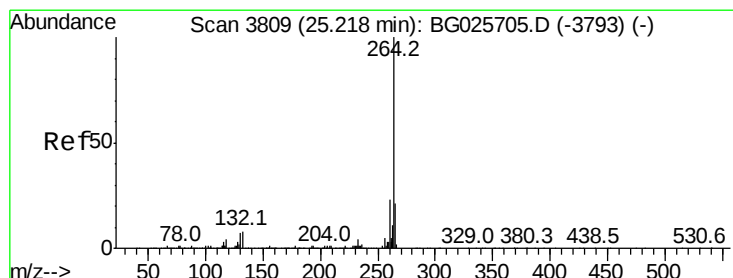
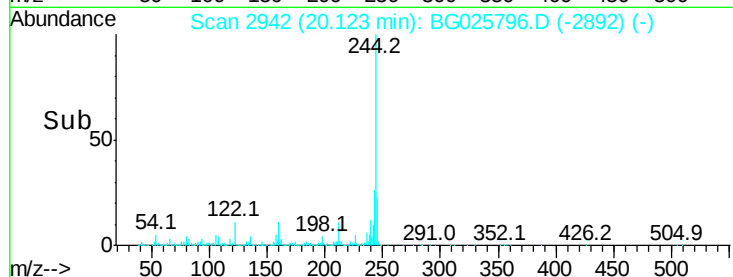
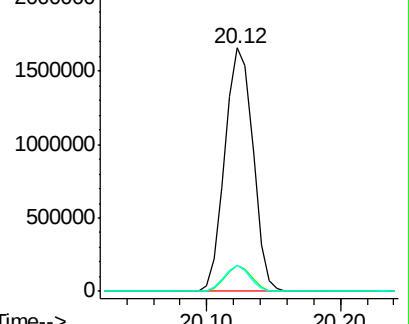
122 10.7 8.6 12.8



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: 25.21 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

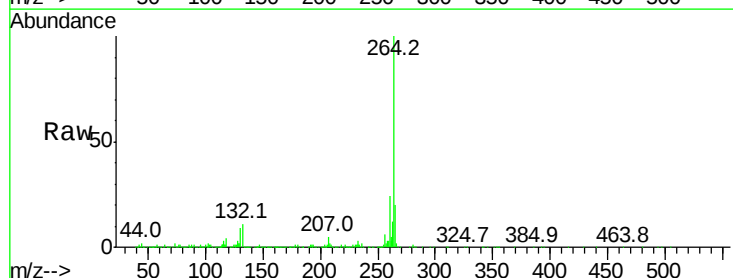
Tgt Ion:264 Resp: 676881

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 20.1 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

