

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
 Data File : BG021745.D
 Acq On : 18 Apr 2016 22:17
 Operator : UM/SJ
 Sample : H2533-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS-041316

Quant Time: Apr 19 14:26:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

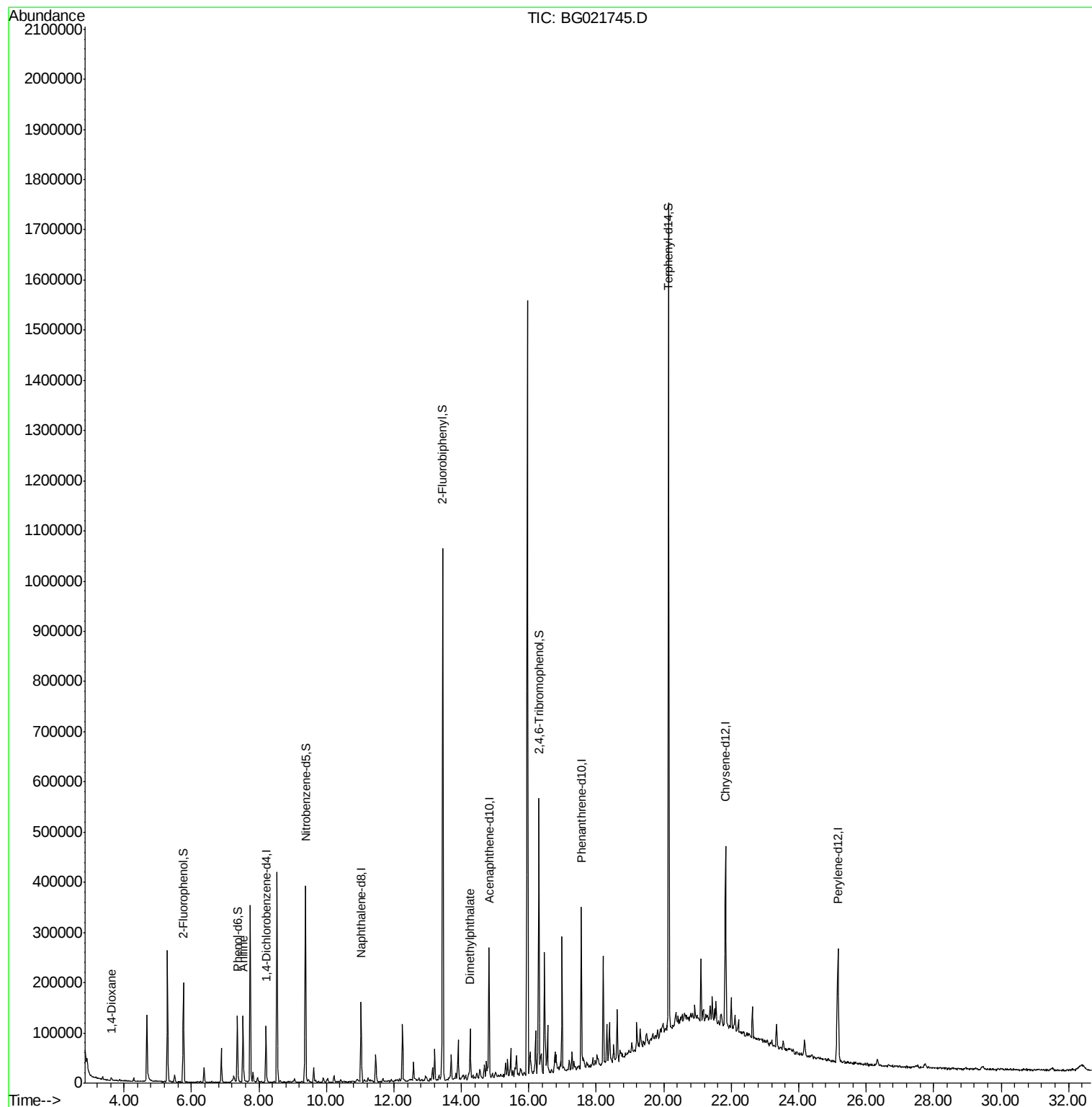
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	32071	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	139342	20.00	ng	-0.01
38) Acenaphthene-d10	14.82	164	88378	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	203445	20.00	ng	-0.01
75) Chrysene-d12	21.83	240	230239	20.00	ng	0.00
86) Perylene-d12	25.16	264	224387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	86938	45.14	ng	0.00
7) Phenol-d6	7.36	99	80448	27.96	ng	0.00
23) Nitrobenzene-d5	9.38	82	245084	90.40	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	100598	105.62	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	555751	92.13	ng	-0.01
78) Terphenyl-d14	20.14	244	737285	79.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.63	88	3283	3.83	ng	Qvalue # 66
6) Aniline	7.53	93	92127	24.21	ng	96
49) Dimethylphthalate	14.26	163	60252	7.88	ng	99

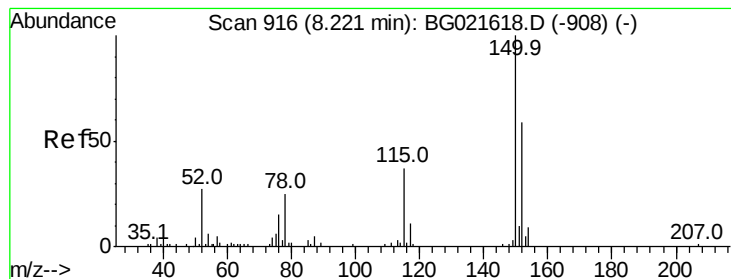
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG021745.D

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BNA_G

ClientSampleId :

SYSDIS-041316

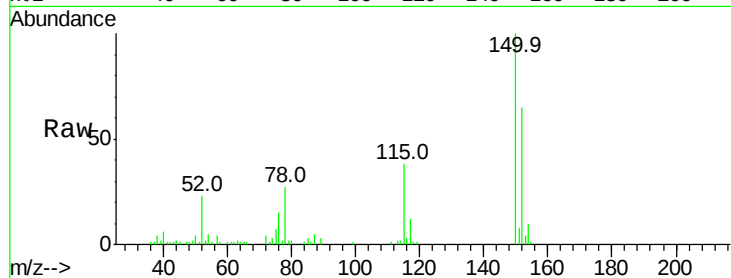
Tot Ion:152 Resp: 32071

Ion Ratio Lower Upper

152 100

150 153.0 130.1 195.1

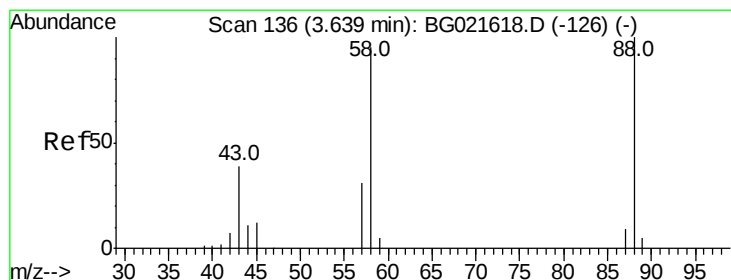
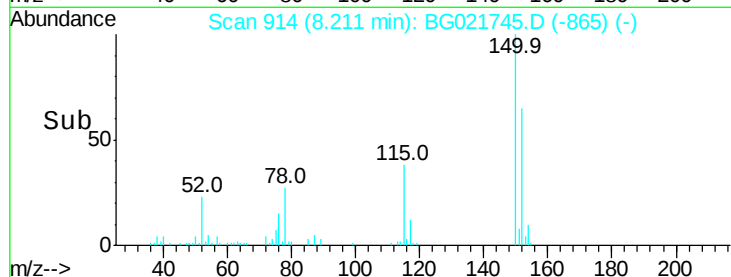
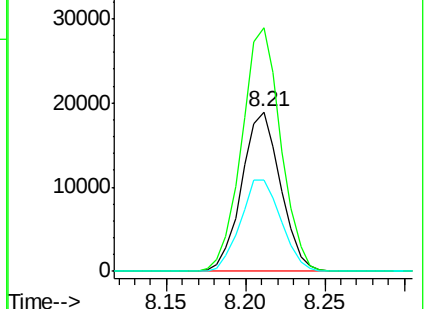
115 57.5 62.2 93.2#



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



#2

1,4-Dioxane

Concen: 3.83 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG021745.D

Acq: 18 Apr 2016 22:17

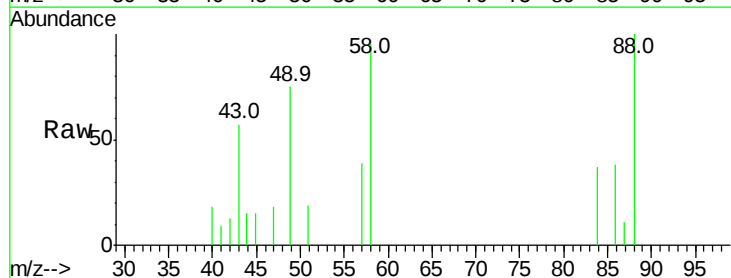
Tgt Ion: 88 Resp: 3283

Ion Ratio Lower Upper

88 100

58 107.4 61.8 92.8#

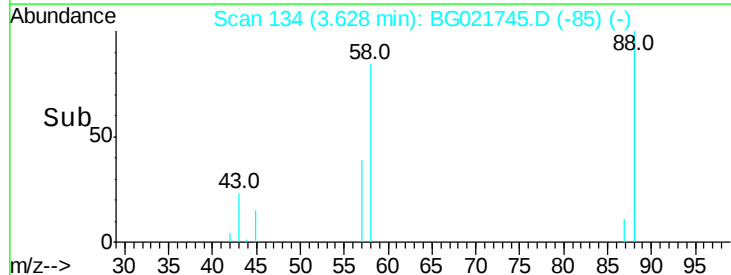
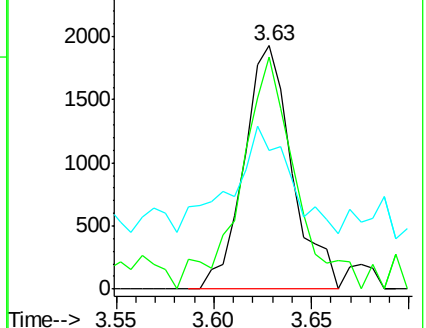
43 52.1 27.3 40.9#

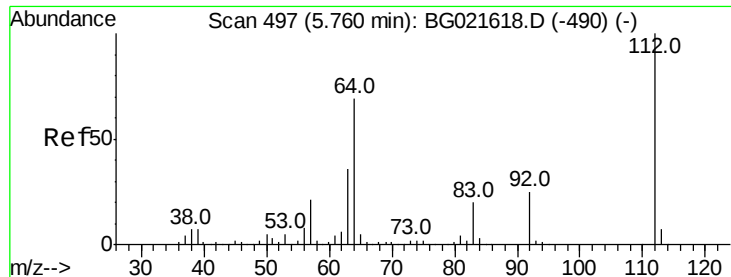


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

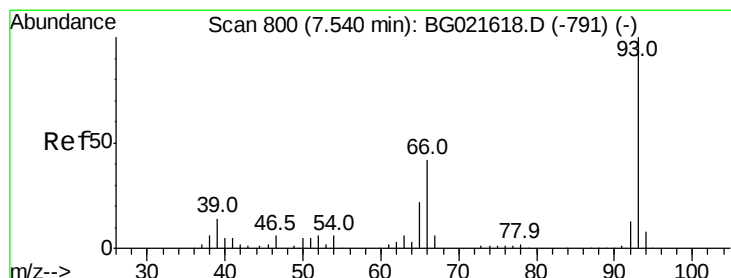
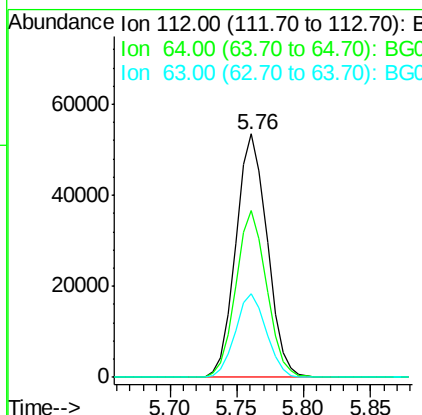
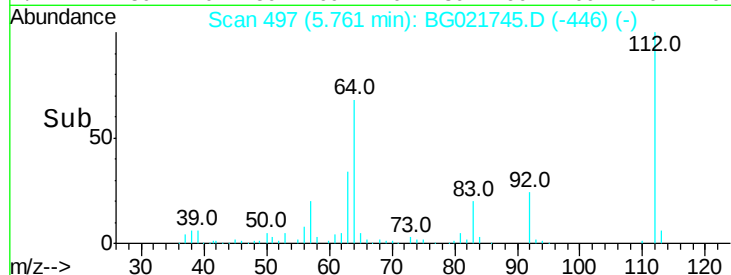
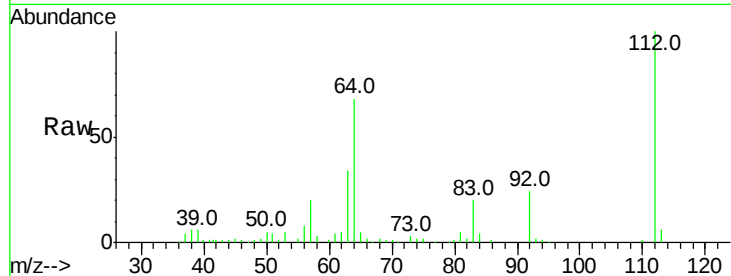




#5
 2-Fluorophenol
 Concen: 45.14 ng
 RT: 5.76 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BG021745.D
 Acq: 18 Apr 2016 22:17

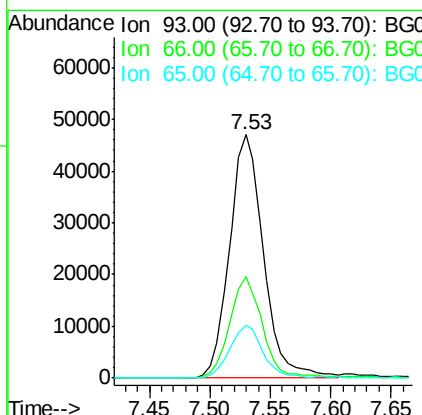
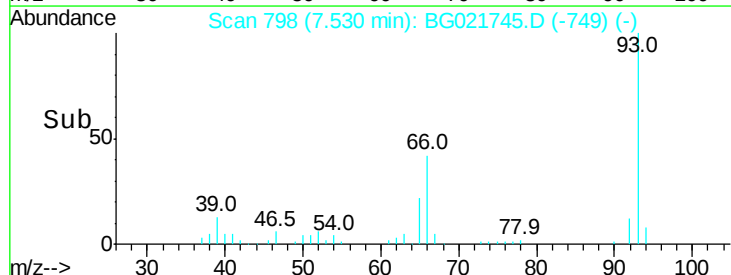
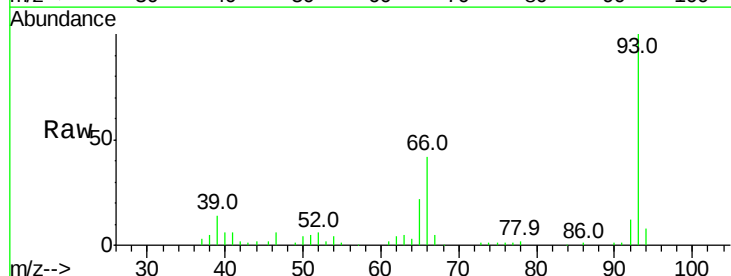
Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS-041316

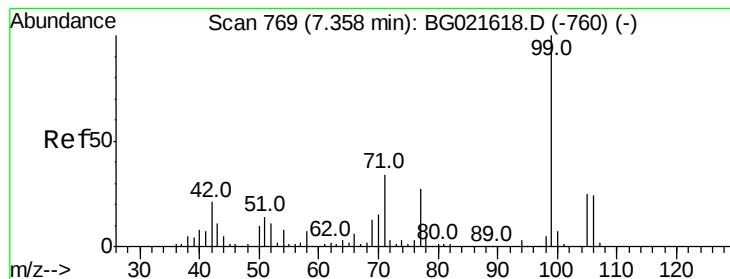
Tot Ion:	112	Resp:	86938
Ion	Ratio	Lower	Upper
112	100		
64	68.5	51.1	76.7
63	34.4	24.6	37.0



#6
 Aniline
 Concen: 24.21 ng
 RT: 7.53 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BG021745.D
 Acq: 18 Apr 2016 22:17

Tgt Ion:	93	Resp:	92127
Ion	Ratio	Lower	Upper
93	100		
66	41.7	36.3	54.5
65	22.0	18.4	27.6





#7

Phenol-d6

Concen: 27.96 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG021745.D

Acq: 18 Apr 2016 22:17

Instrument :

BNA_G

ClientSampleId :

SYSDIS-041316

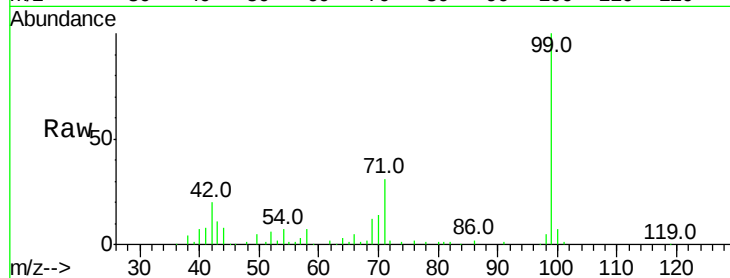
Tot Ion: 99 Resp: 80448

Ion Ratio Lower Upper

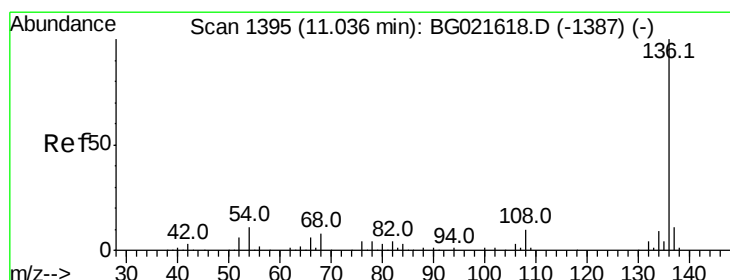
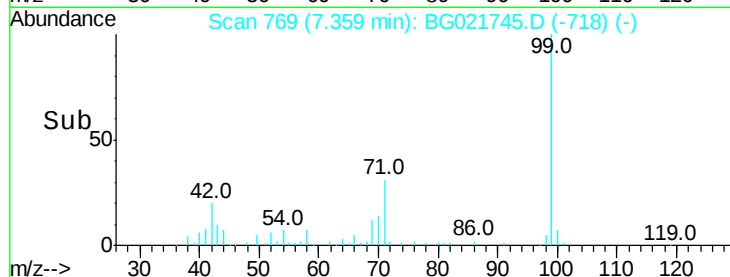
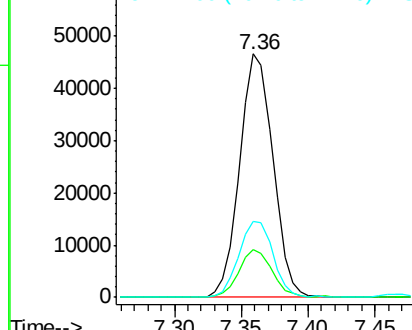
99 100

42 19.6 16.4 24.6

71 31.1 25.0 37.4



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: 11.03 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BG021745.D

Acq: 18 Apr 2016 22:17

Tgt Ion: 136 Resp: 139342

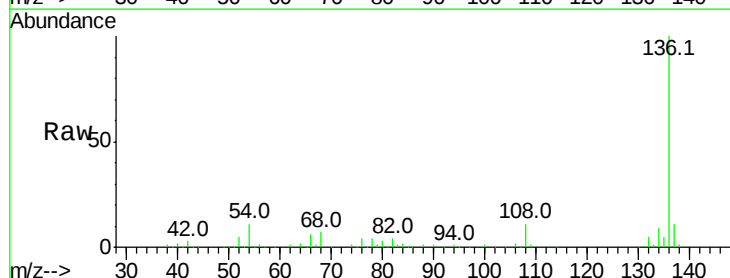
Ion Ratio Lower Upper

136 100

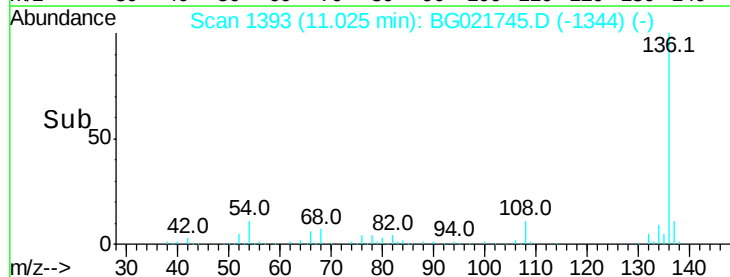
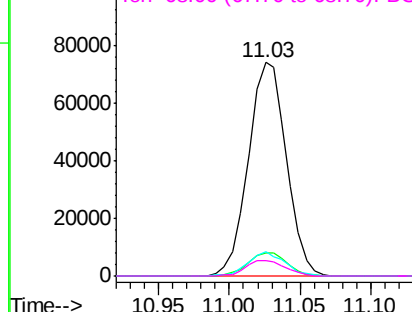
137 10.5 9.0 13.4

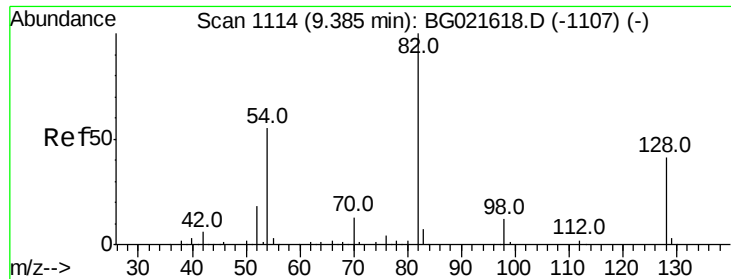
54 11.5 9.6 14.4

68 7.1 6.4 9.6



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

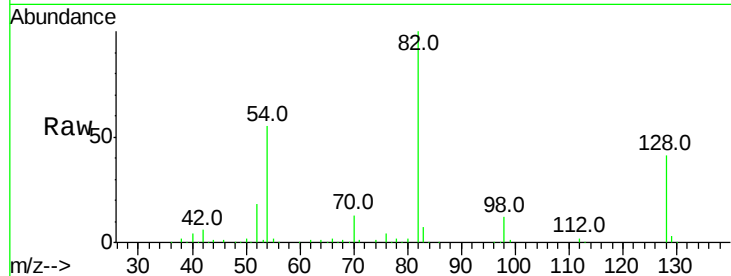




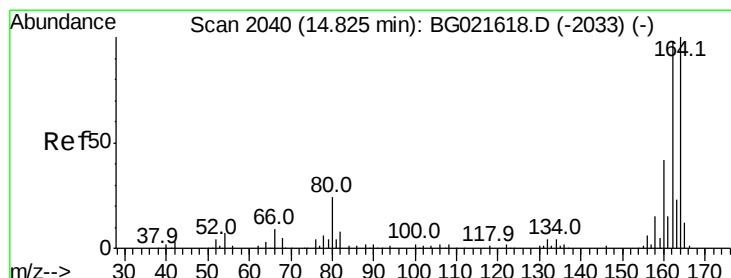
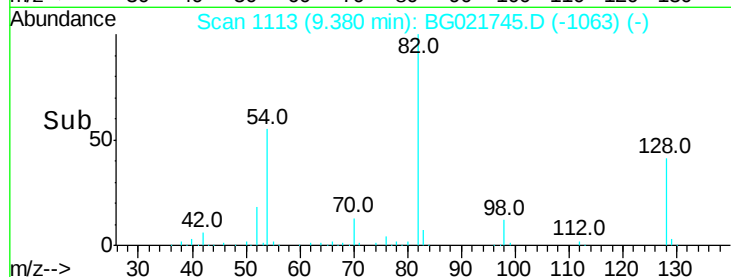
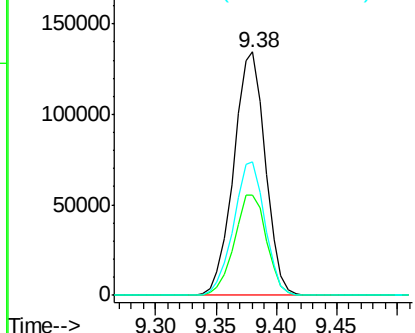
#23
 Nitrobenzene-d5
 Concen: 90.40 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG021745.D
 Acq: 18 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS-041316

Tot Ion: 82 Resp: 245084
 Ion Ratio Lower Upper
 82 100
 128 41.2 33.4 50.0
 54 55.0 46.1 69.1

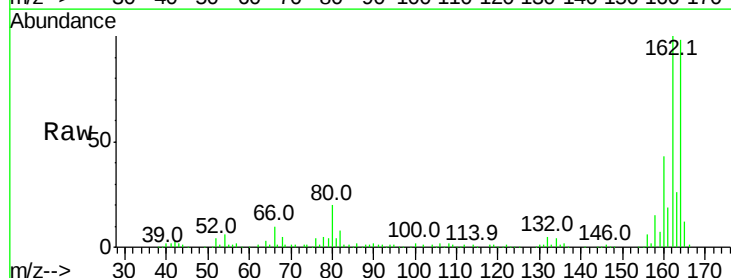


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

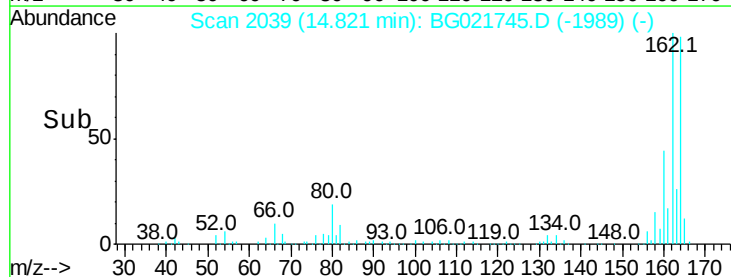
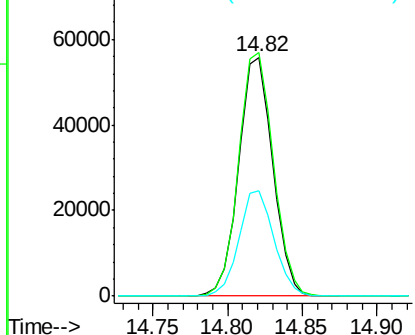


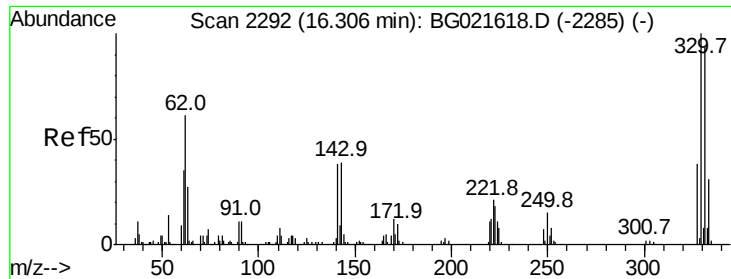
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021745.D
 Acq: 18 Apr 2016 22:17

Tgt Ion: 164 Resp: 88378
 Ion Ratio Lower Upper
 164 100
 162 102.1 78.0 117.0
 160 44.3 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

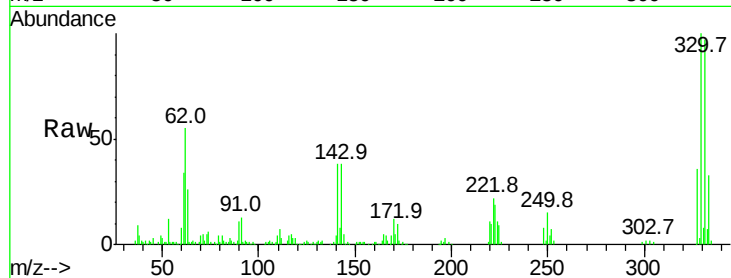




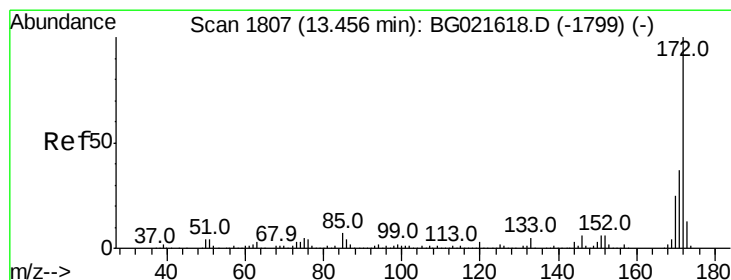
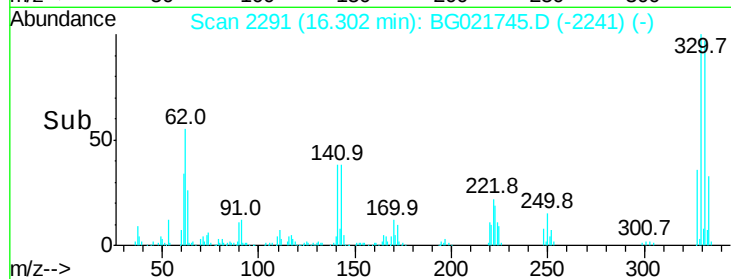
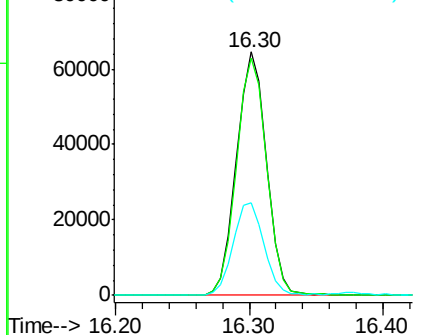
#41
 2,4,6-Tribromophenol
 Concen: 105.62 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG021745.D
 Acq: 18 Apr 2016 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS-041316

Tot Ion:330 Resp: 100598
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.0 117.0
 141 39.5 33.8 50.8

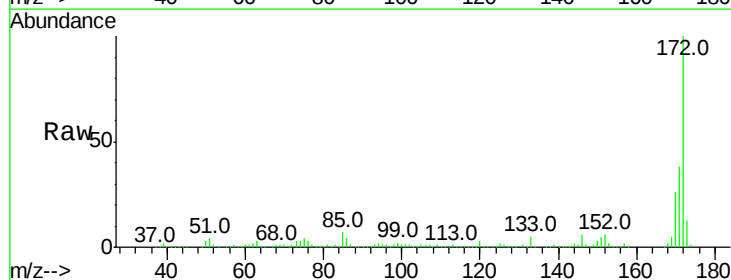


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

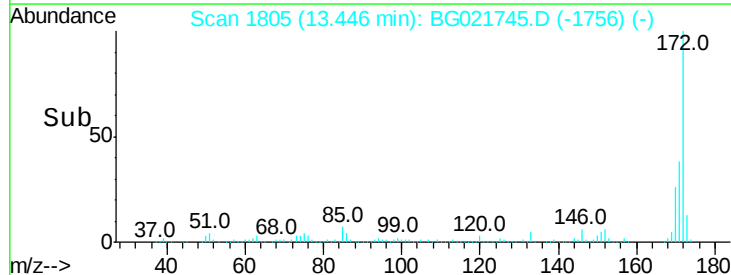
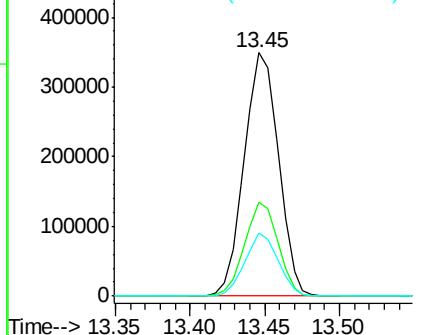


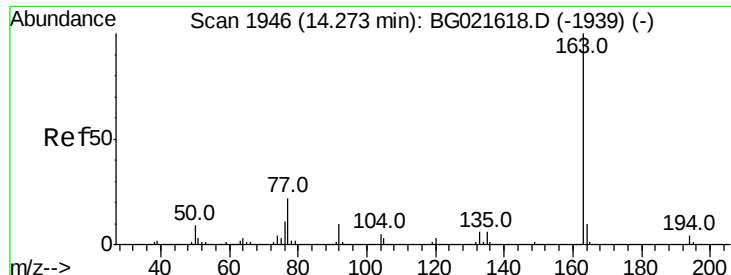
#44
 2-Fluorobiphenyl
 Concen: 92.13 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG021745.D
 Acq: 18 Apr 2016 22:17

Tgt Ion:172 Resp: 555751
 Ion Ratio Lower Upper
 172 100
 171 38.4 27.8 41.6
 170 25.8 19.6 29.4



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: 7.88 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021745.D

Acq: 18 Apr 2016 22:17

Instrument :

BNA_G

ClientSampleId :

SYSDIS-041316

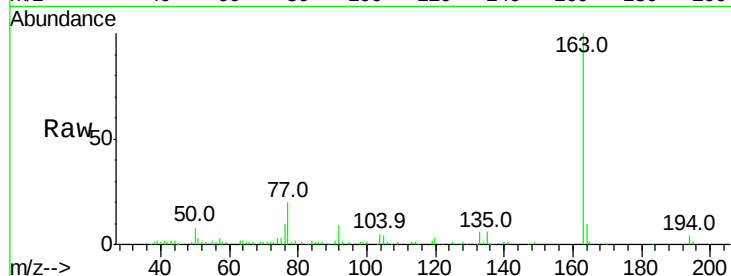
Tot Ion:163 Resp: 60252

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

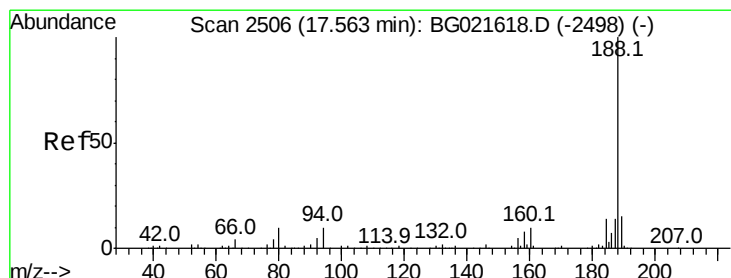
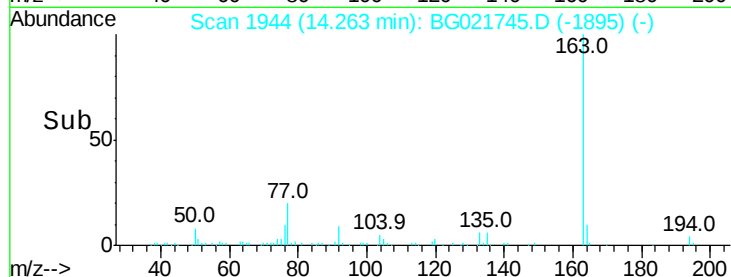
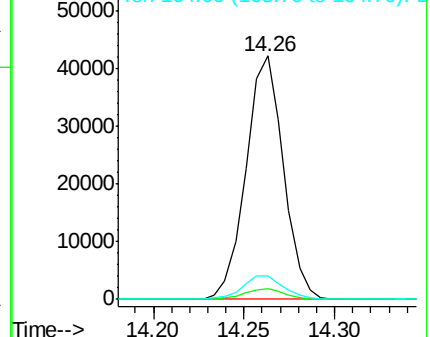
164 9.7 8.1 12.1



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# 2504

Delta R.T. -0.01 min

Lab File: BG021745.D

Acq: 18 Apr 2016 22:17

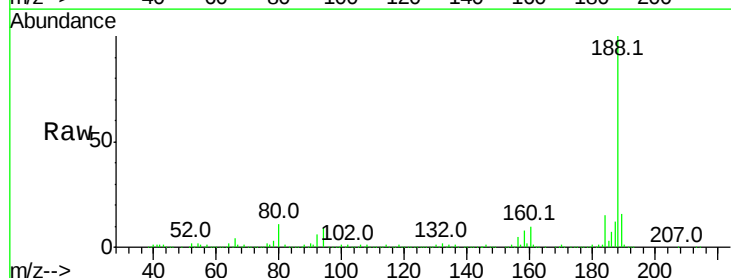
Tgt Ion:188 Resp: 203445

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

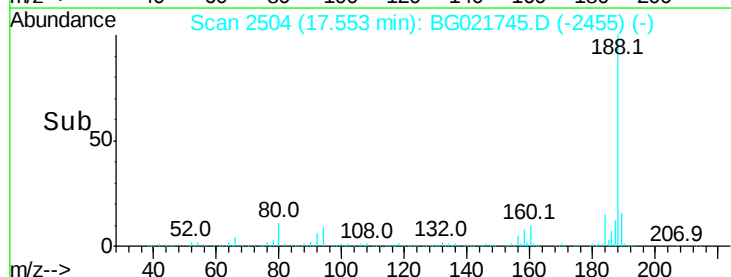
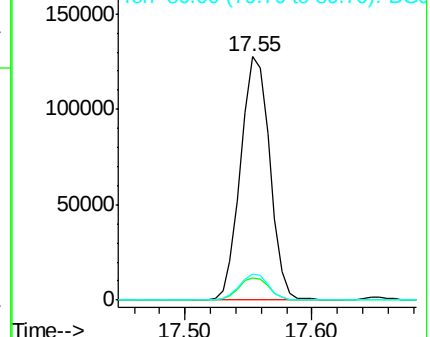
80 10.9 8.6 13.0

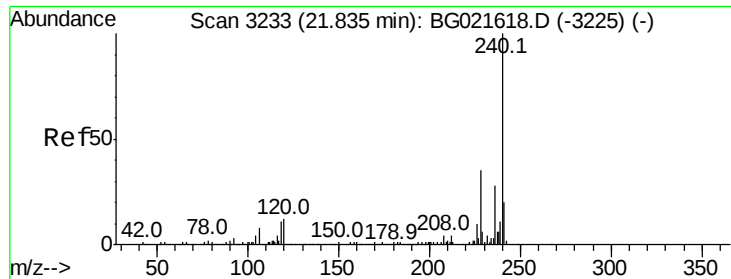


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.00 min

Lab File: BG021745.D

Acq: 18 Apr 2016 22:17

Instrument :

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SYSDIS-041316

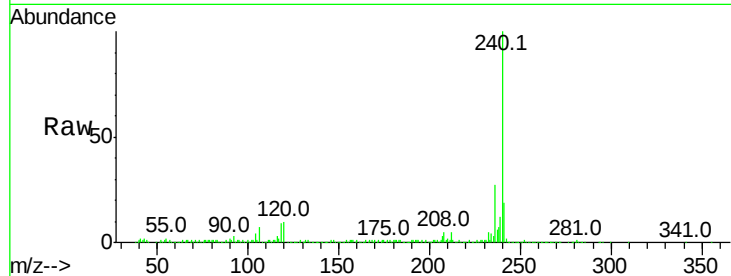
Tot Ion:240 Resp: 230239

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

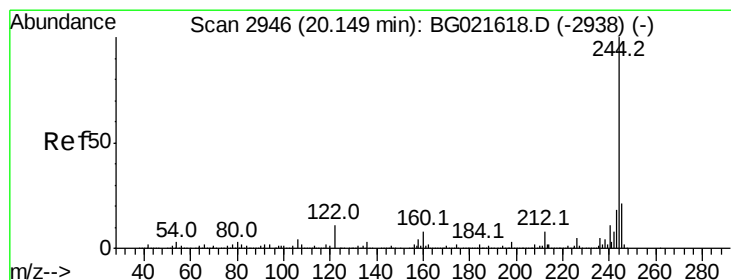
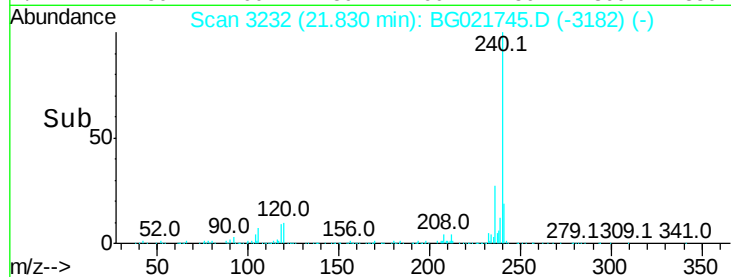
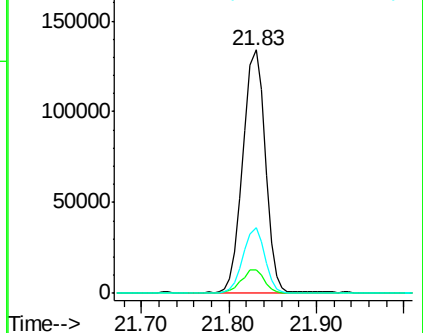
236 27.0 19.6 29.4



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: 79.90 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG021745.D

Acq: 18 Apr 2016 22:17

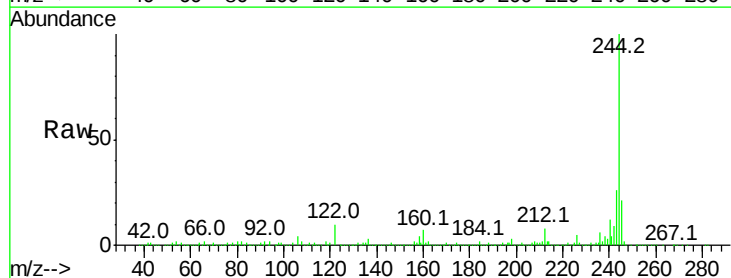
Tgt Ion:244 Resp: 737285

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

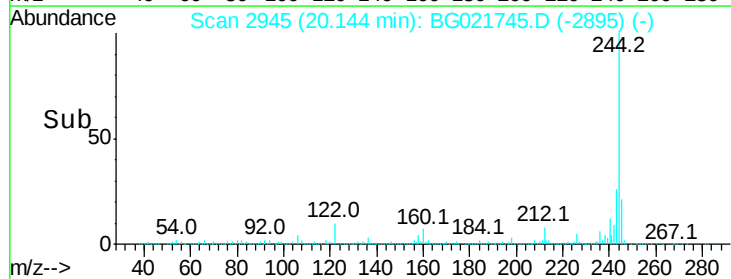
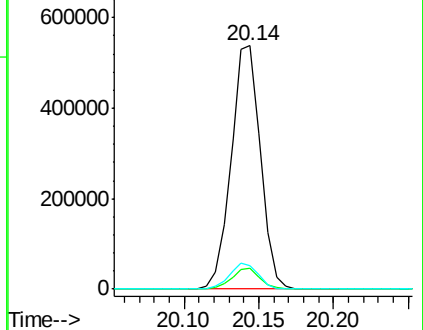
122 9.8 8.6 12.8

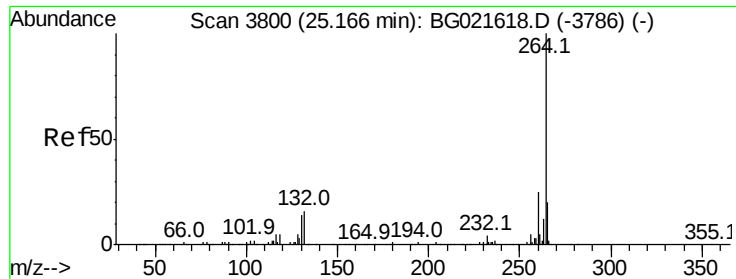


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BG021745.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_G
ClientSampleId :
SYSDIS-041316

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	21.8	17.8	26.8

