

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025560.D
 Acq On : 21 Jan 2017 6:04
 Operator : UM/SJ
 Sample : I1347-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-3FT-COMP

Quant Time: Jan 23 00:41:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56399	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	222868	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	180238	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	422525	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	638208	20.00	ng	-0.02
86) Perylene-d12	25.23	264	673298	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	471983	152.11	ng	-0.02
7) Phenol-d6	7.34	99	594079	135.95	ng	-0.02
23) Nitrobenzene-d5	9.36	82	539939	107.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	429683	148.08	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1127377	101.27	ng	-0.02
78) Terphenyl-d14	20.14	244	2292699	95.25	ng	-0.02

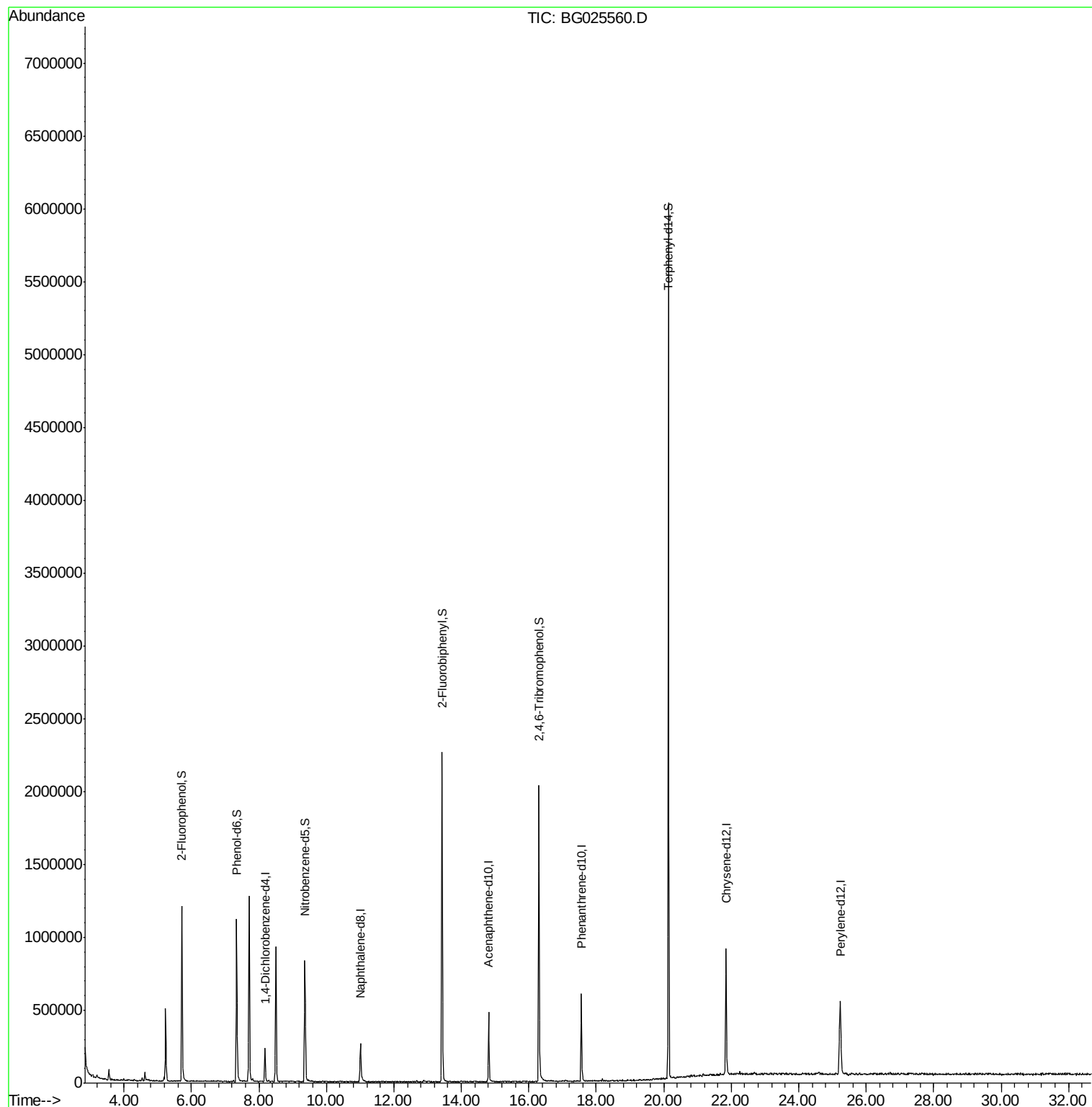
Target Compounds Qvalue

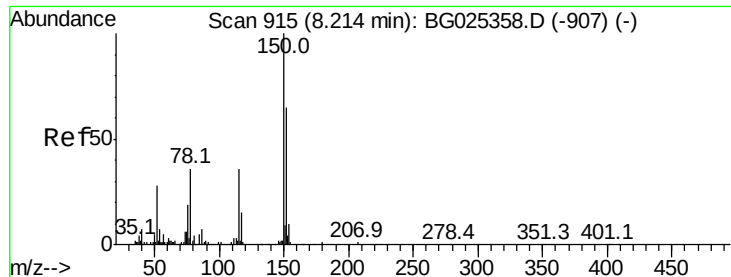
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

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BNA_G

ClientSampleId :

S6-0-3FT-COMP

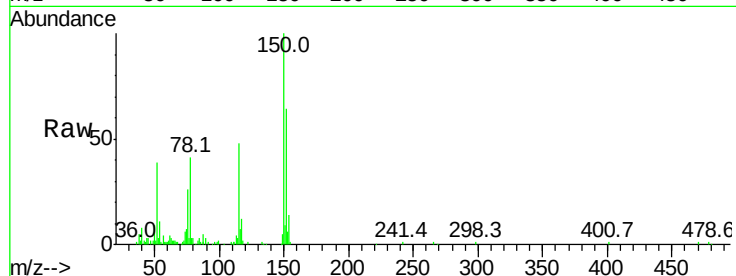
Tot Ion:152 Resp: 56399

Ion Ratio Lower Upper

152 100

150 157.4 114.0 171.0

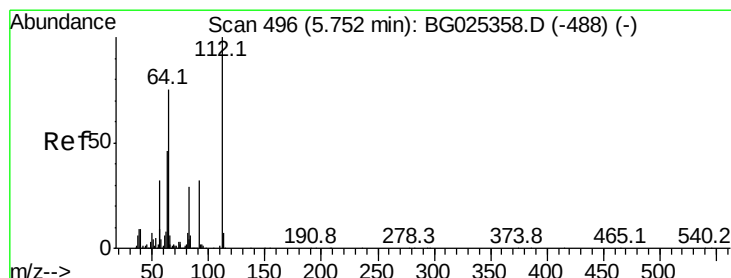
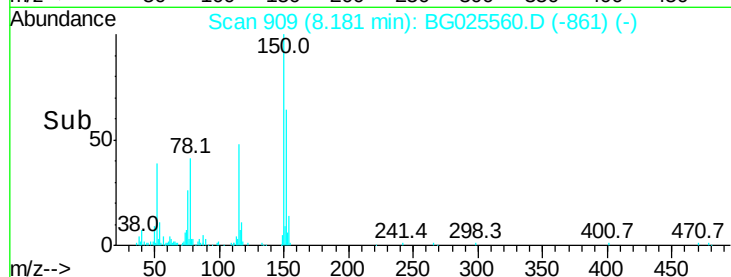
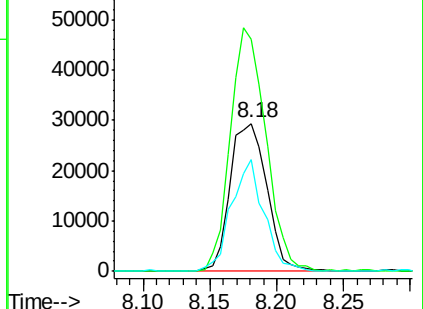
115 75.7 48.1 72.1#



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: 152.11 ng

RT: 5.71 min Scan# 489

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

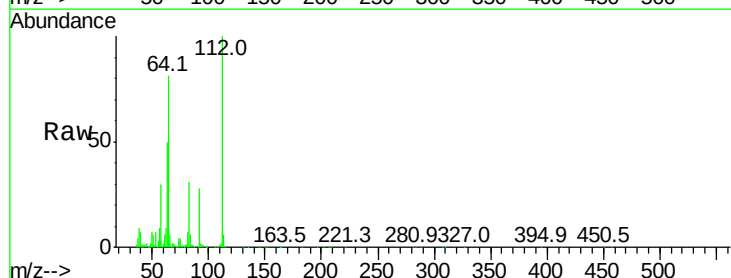
Tgt Ion:112 Resp: 471983

Ion Ratio Lower Upper

112 100

64 80.8 61.8 92.6

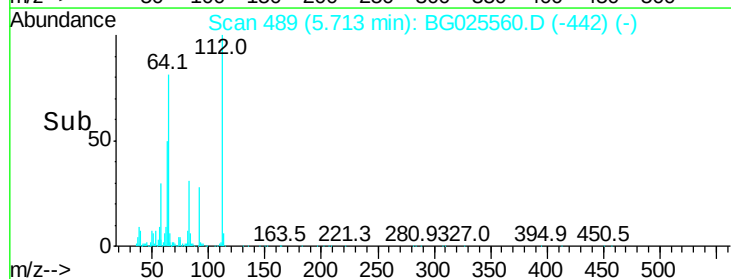
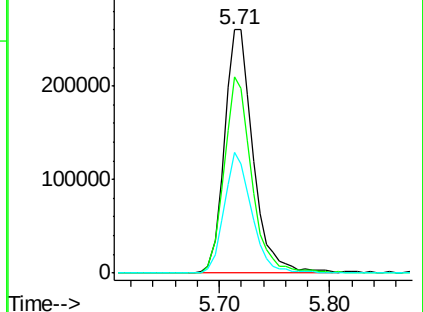
63 49.8 37.2 55.8

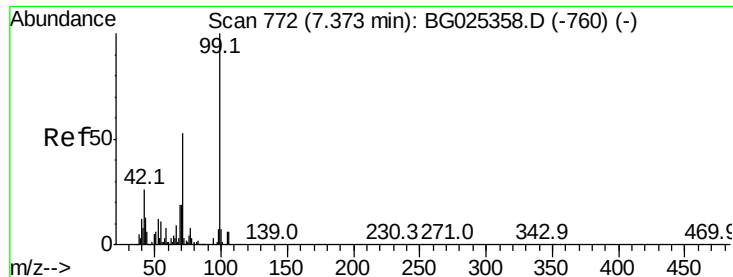


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.95 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S6-0-3FT-COMP

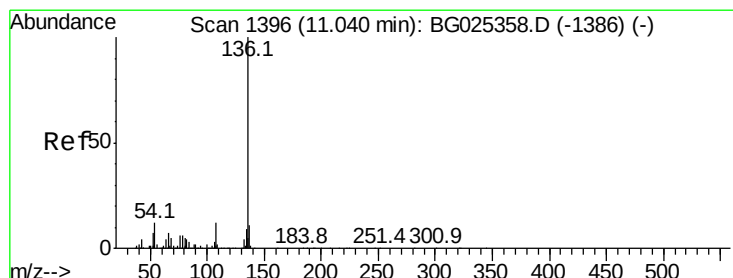
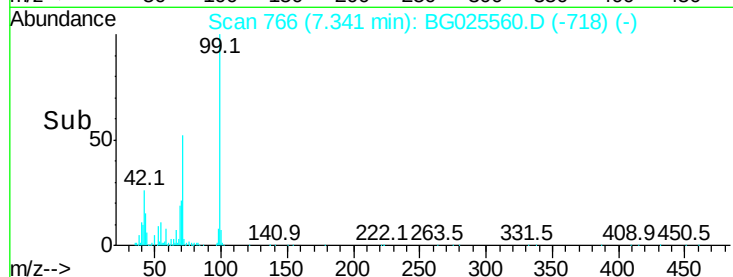
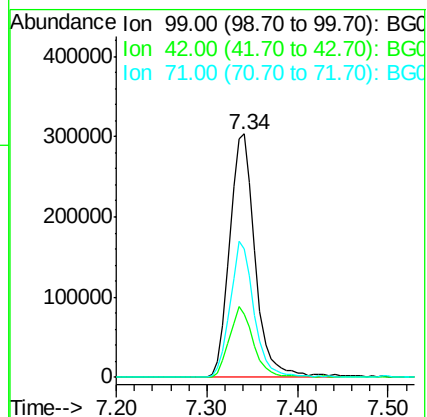
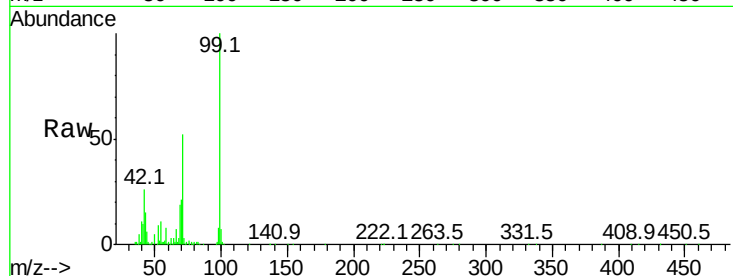
Tot Ion: 99 Resp: 594079

Ion Ratio Lower Upper

99 100

42 26.1 20.5 30.7

71 52.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

Tgt Ion: 136 Resp: 222868

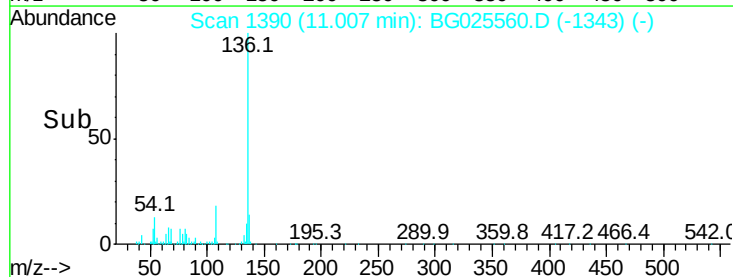
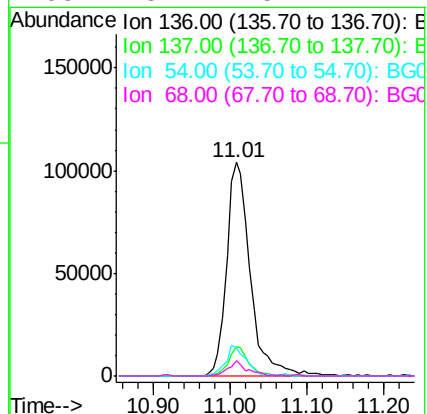
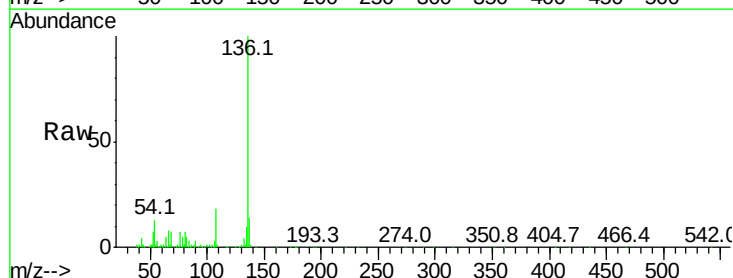
Ion Ratio Lower Upper

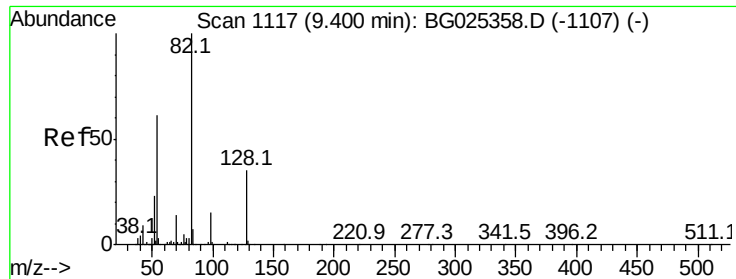
136 100

137 13.9 8.9 13.3#

54 13.3 9.3 13.9

68 8.2 5.1 7.7#

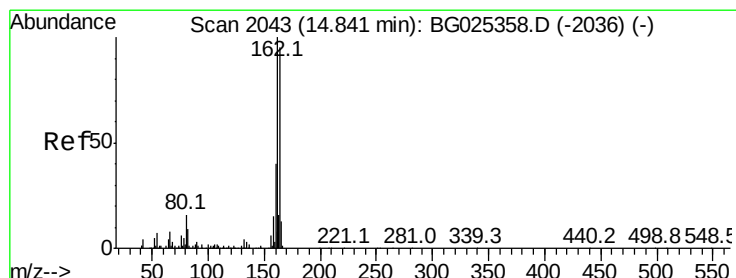
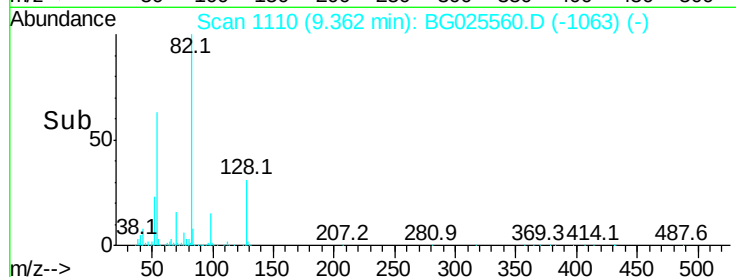
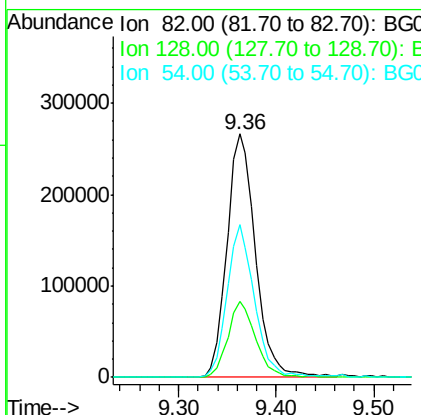
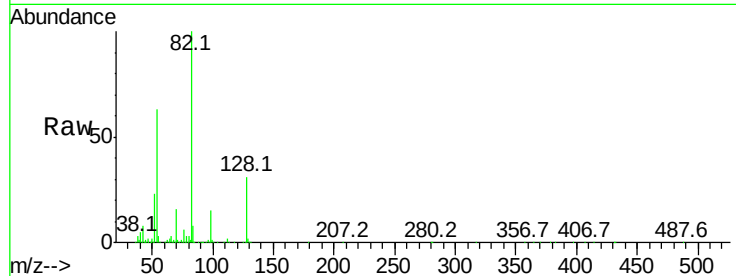




#23
 Nitrobenzene-d5
 Concen: 107.03 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

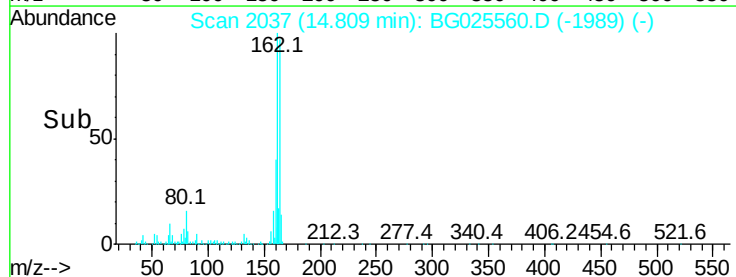
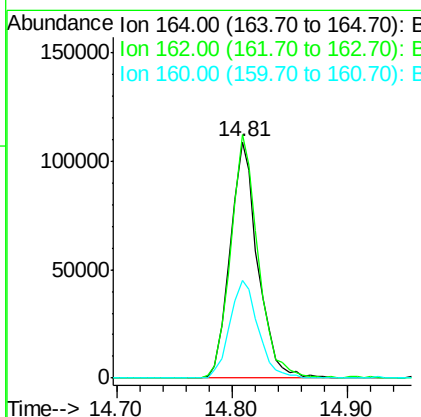
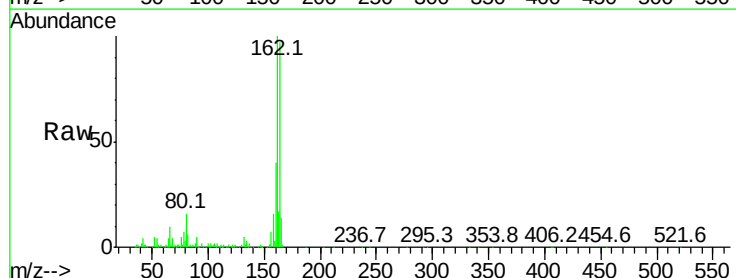
Instrument :
 BNA_G
 ClientSampleId :
 S6-0-3FT-COMP

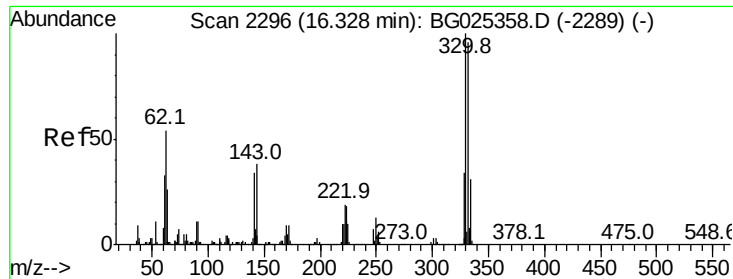
Tot Ion	82	Resp	539939
Ion	Ratio	Lower	Upper
82	100		
128	31.3	26.4	39.6
54	62.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

Tgt Ion	164	Resp	180238
Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	41.3	34.7	52.1



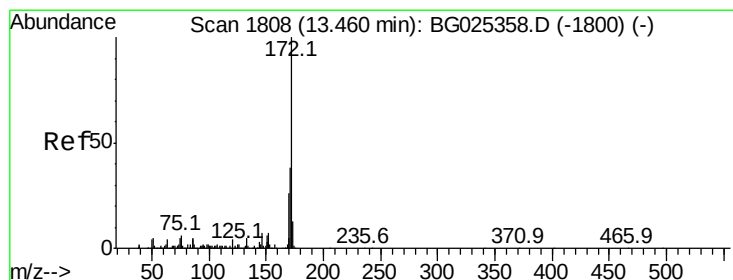
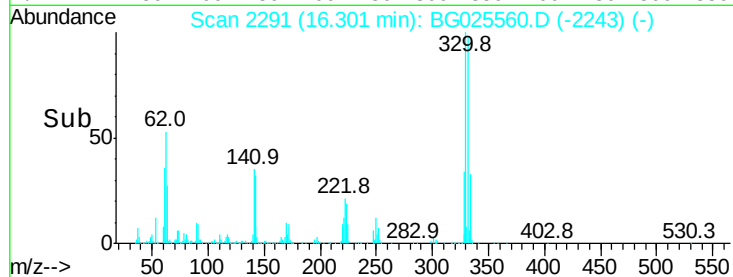
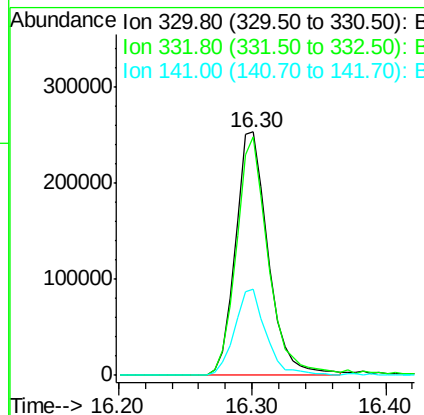
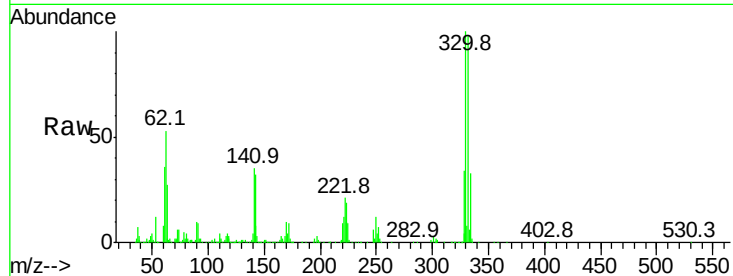


#41
 2,4,6-Tribromophenol
 Concen: 148.08 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-3FT-COMP

Tot Ion:330 Resp: 429683

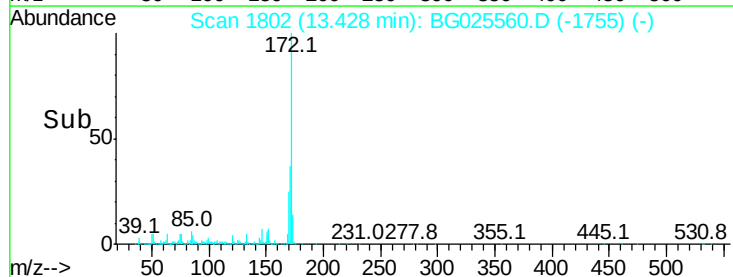
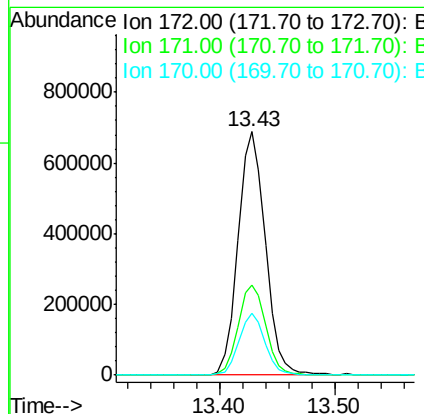
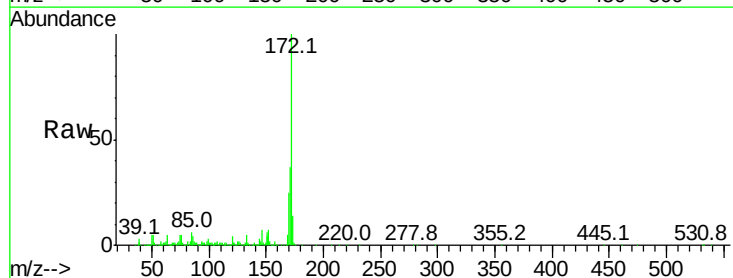
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	34.2	32.1	48.1

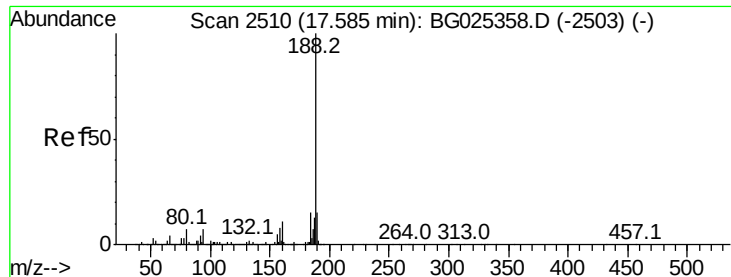


#44
 2-Fluorobiphenyl
 Concen: 101.27 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

Tgt Ion:172 Resp: 1127377

Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	25.3	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S6-0-3FT-COMP

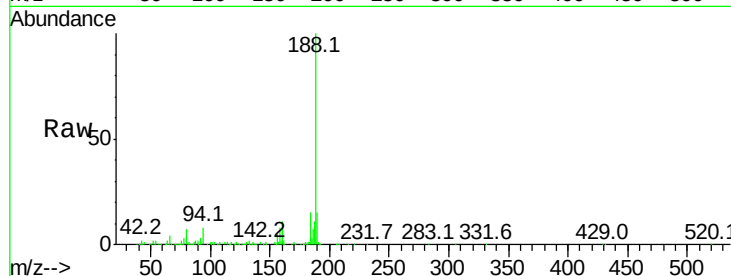
Tot Ion:188 Resp: 422525

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

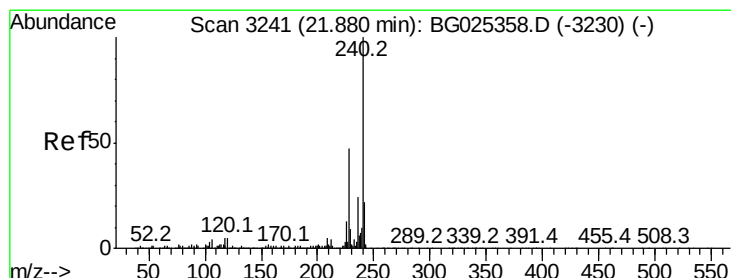
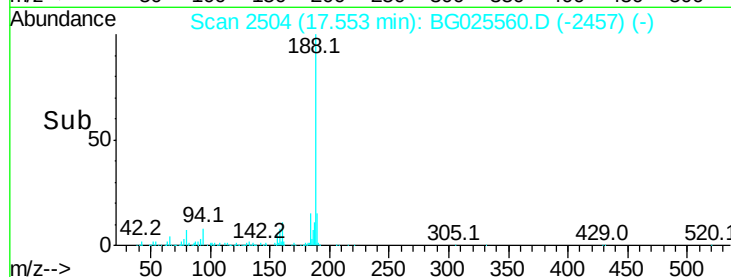
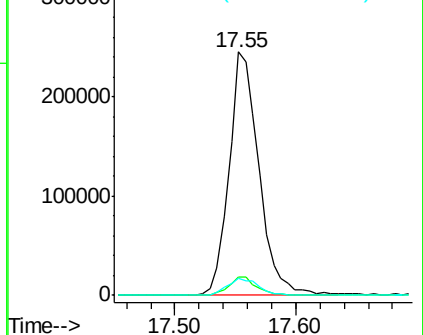
80 7.0 7.5 11.3#



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: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

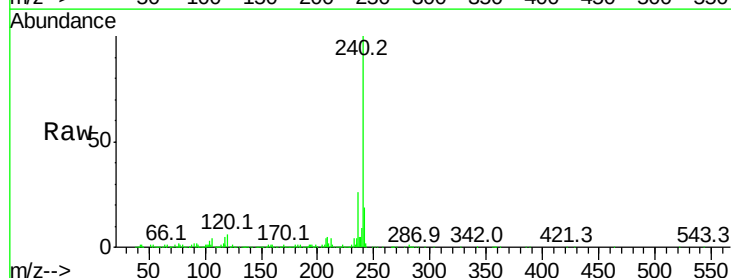
Tgt Ion:240 Resp: 638208

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

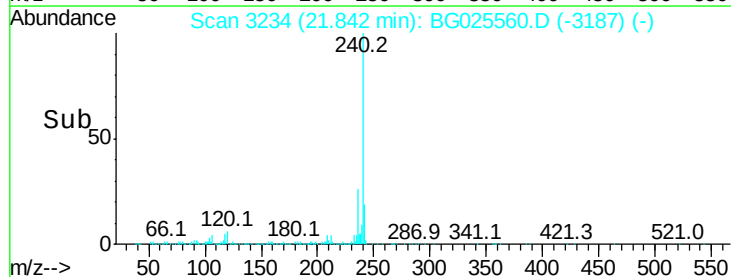
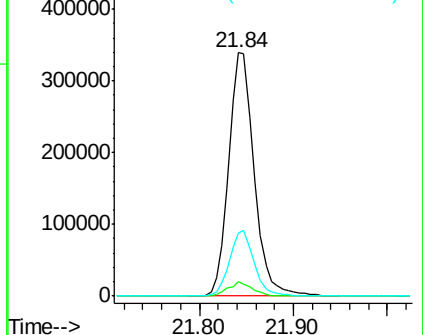
236 25.7 22.2 33.4

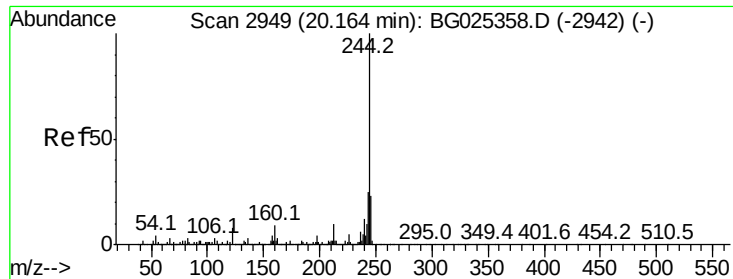


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



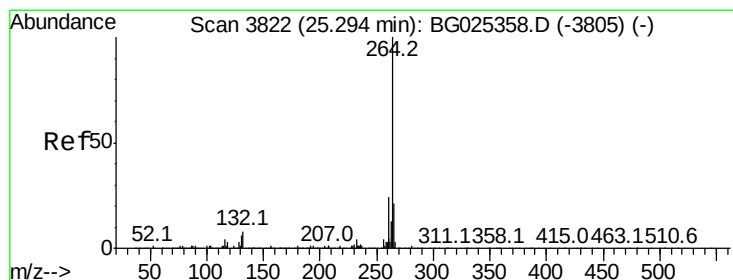
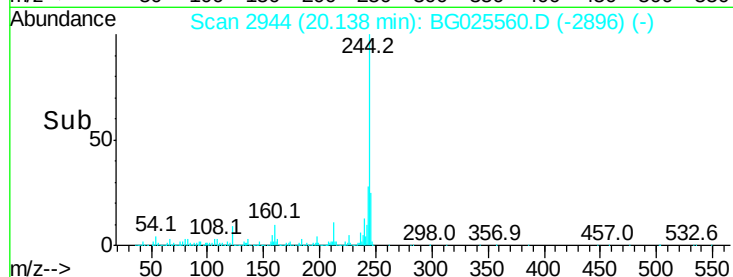
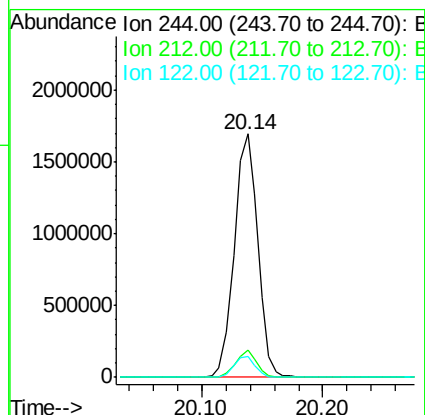
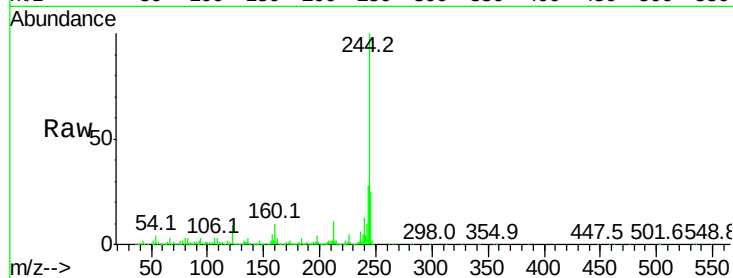


#78
 Terphenyl-d14
 Concen: 95.25 ng
 RT: 20.14 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-3FT-COMP

Tot Ion:244 Resp: 2292699

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	8.7	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3810
 Delta R.T. -0.04 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

Tgt Ion:264 Resp: 673298

Ion	Ratio	Lower	Upper
264	100		
260	21.2	21.8	32.8#
265	20.5	18.2	27.4

