

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019141.D
 Acq On : 11 Oct 2015 6:04
 Operator : UM/NP
 Sample : G3929-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 07:26:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 07:23:23 2015
 Response via : Initial Calibration

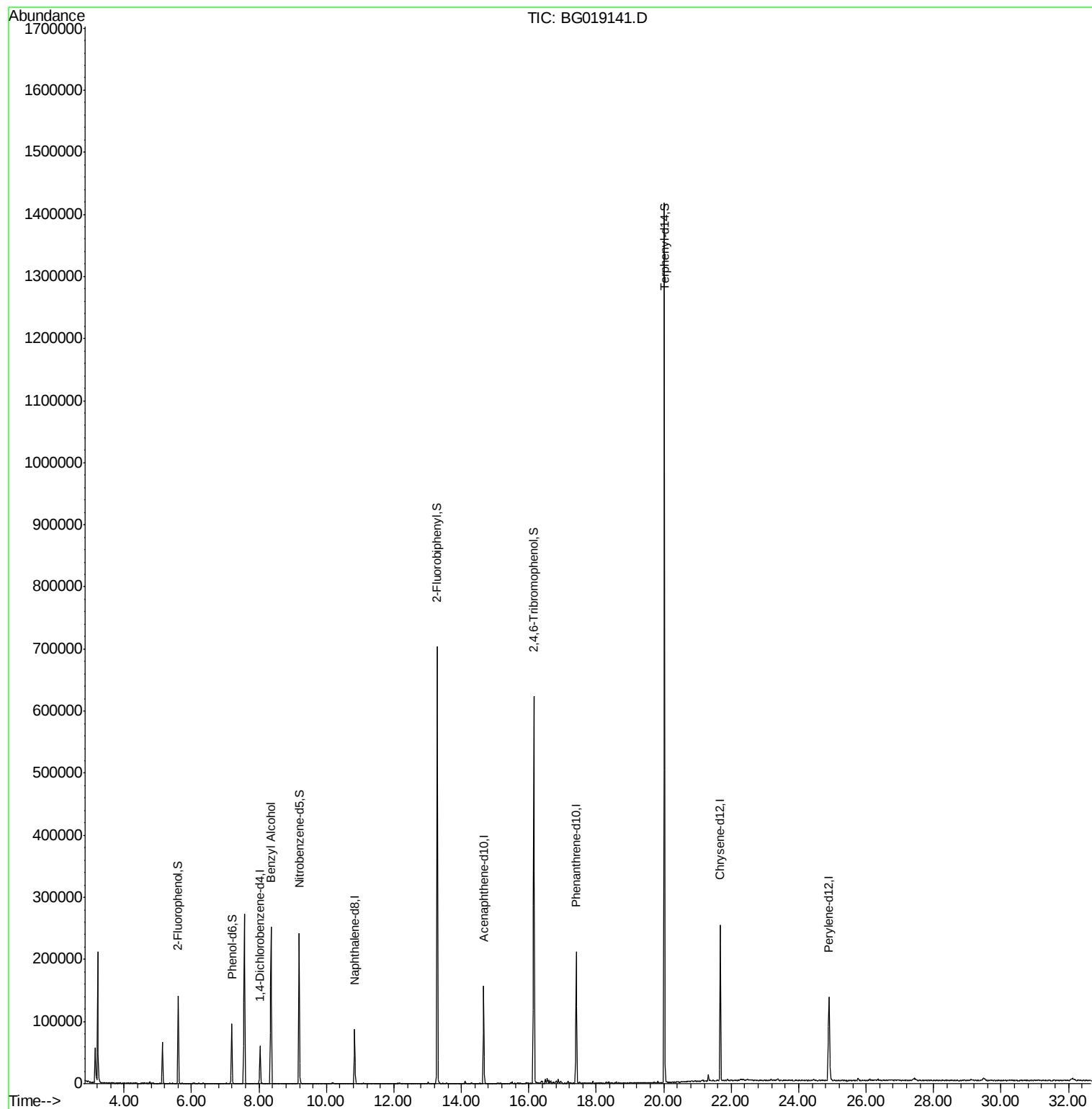
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	15595	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	70546	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	51680	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	128553	20.00	ng	0.00
75) Chrysene-d12	21.67	240	152513	20.00	ng	0.00
86) Perylene-d12	24.90	264	145621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	53993	70.49	ng	0.00
7) Phenol-d6	7.19	99	50549	42.96	ng	0.00
23) Nitrobenzene-d5	9.19	82	140206	109.81	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	110616	157.07	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	351320	104.53	ng	0.00
78) Terphenyl-d14	20.02	244	599236	103.79	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	2184	2.08	ng	# 58

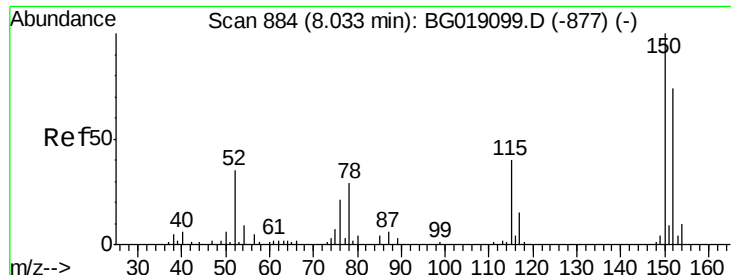
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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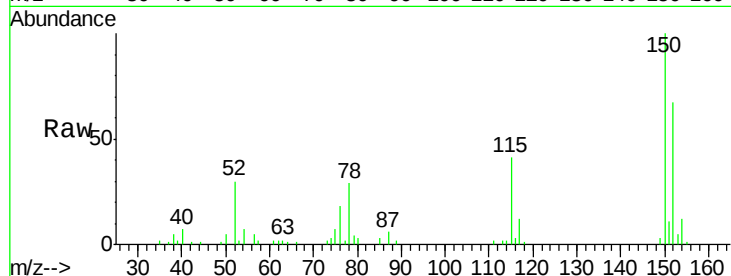


#1

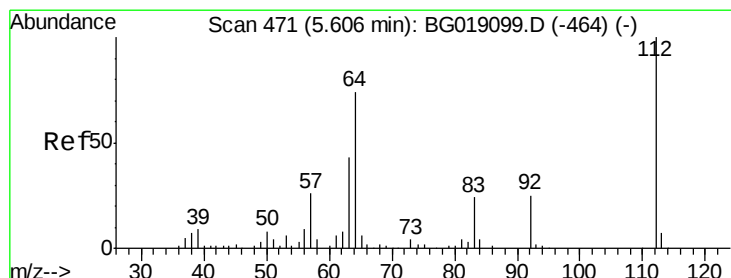
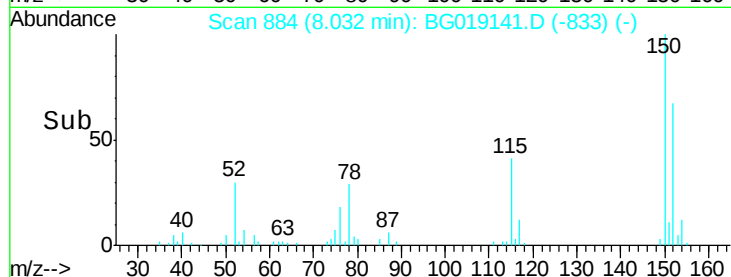
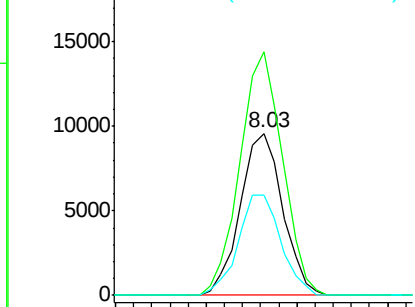
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019141.D
Acq: 11 Oct 2015 6:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 15595
Ion Ratio Lower Upper
152 100
150 150.2 108.2 162.2
115 61.5 43.2 64.8



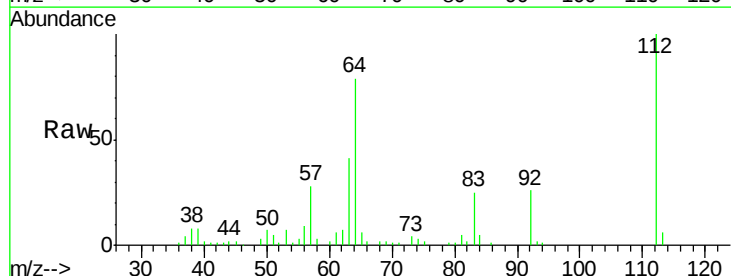
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



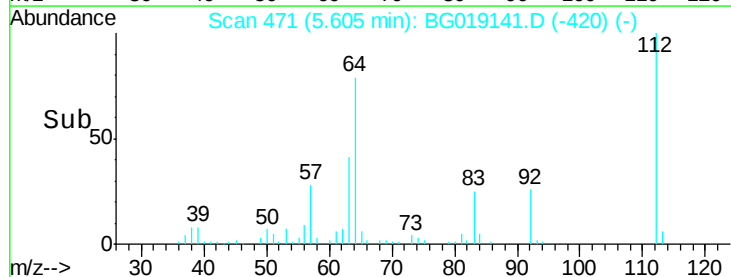
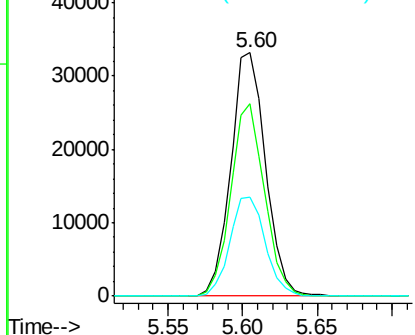
#5

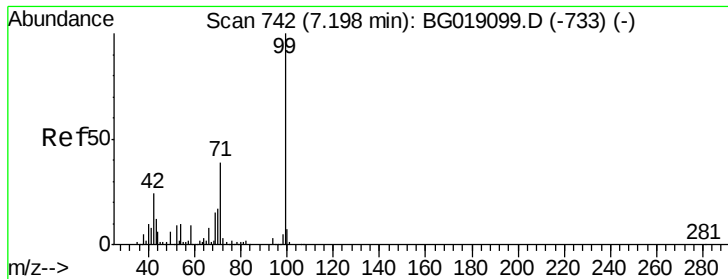
2-Fluorophenol
Concen: 70.49 ng
RT: 5.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019141.D
Acq: 11 Oct 2015 6:04

Tgt Ion:112 Resp: 53993
Ion Ratio Lower Upper
112 100
64 79.0 59.0 88.4
63 40.9 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 42.96 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019141.D

Acq: 11 Oct 2015 6:04

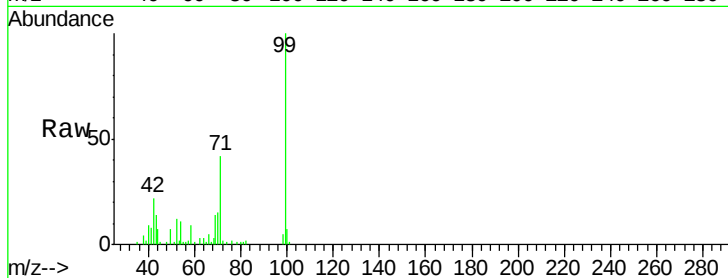
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 50549

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.5	29.3
71	41.8	31.4	47.0

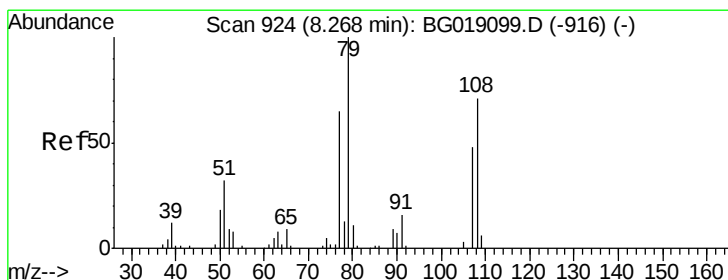
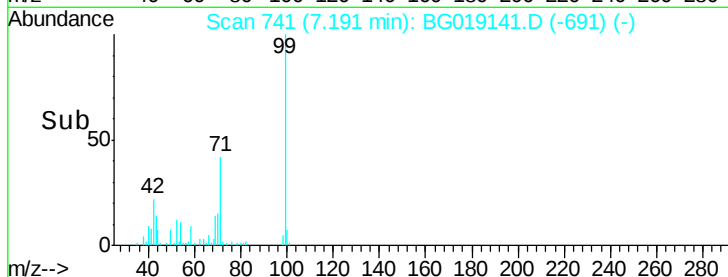
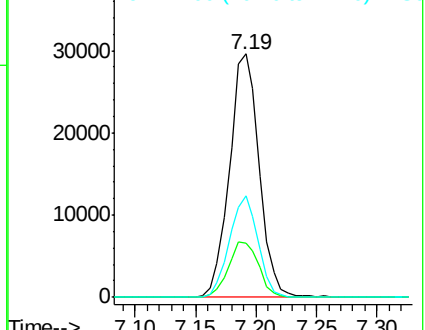


Abundance

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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.35 min Scan# 938

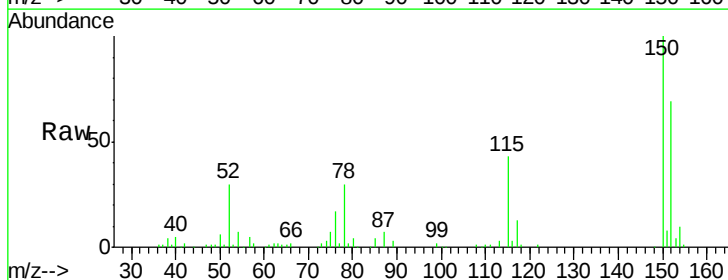
Delta R.T. 0.08 min

Lab File: BG019141.D

Acq: 11 Oct 2015 6:04

Tgt Ion: 79 Resp: 2184

Ion	Ratio	Lower	Upper
79	100		
108	37.8	56.6	84.8#
77	99.5	51.6	77.4#

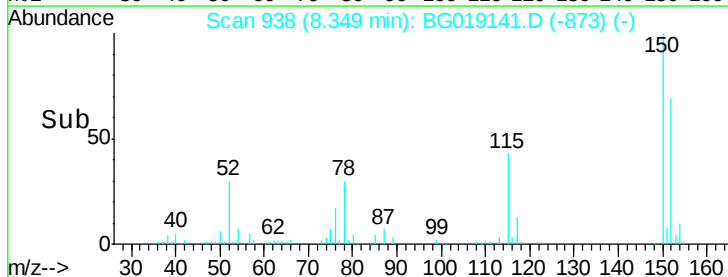
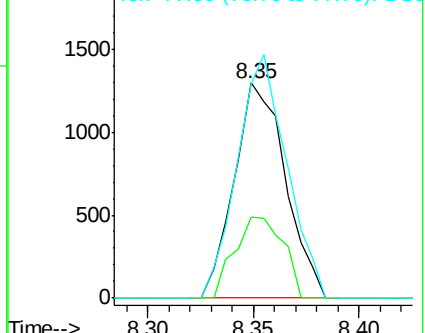


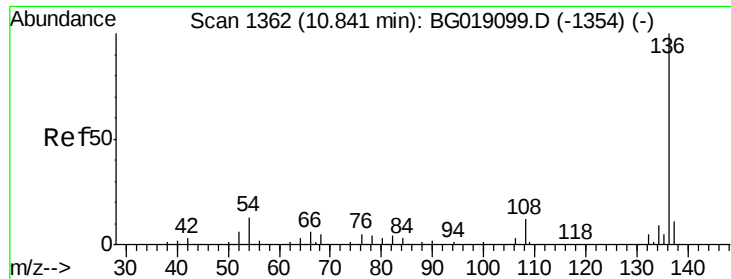
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

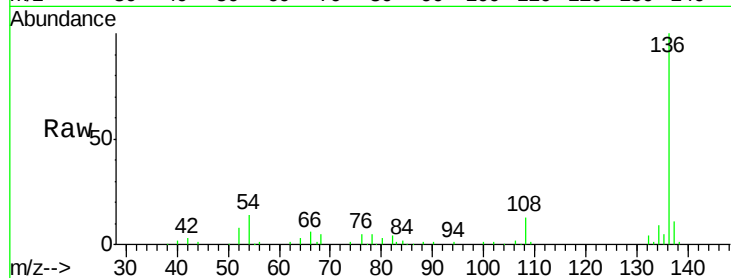




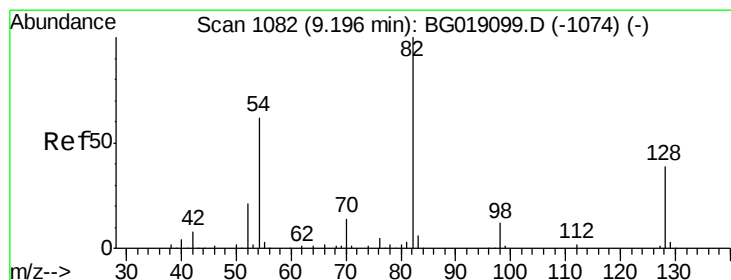
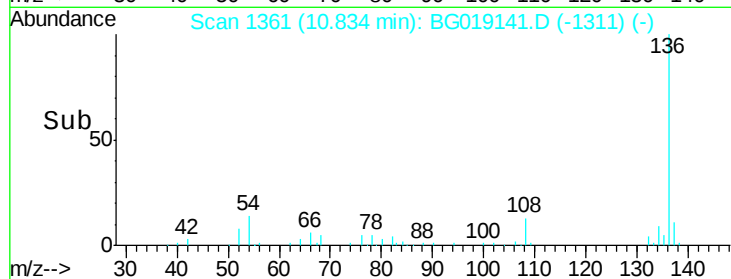
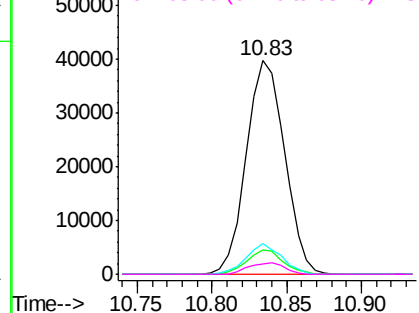
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG019141.D
Acq: 11 Oct 2015 6:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	70546
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	14.1	10.1 15.1
68	5.1	4.4 6.6

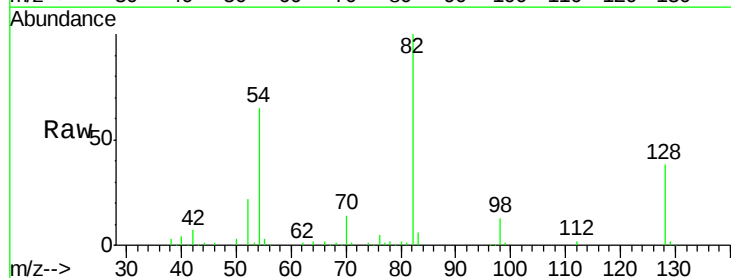


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

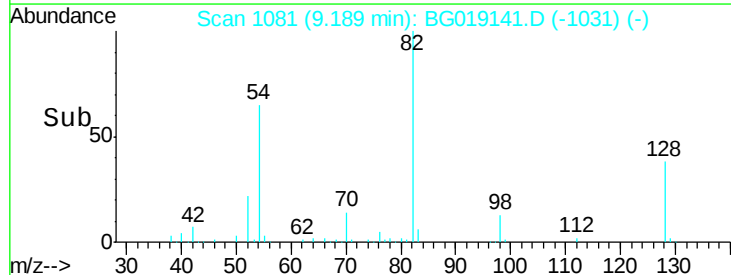
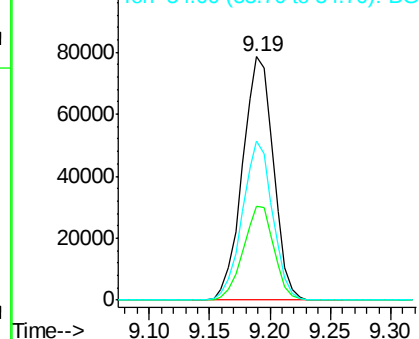


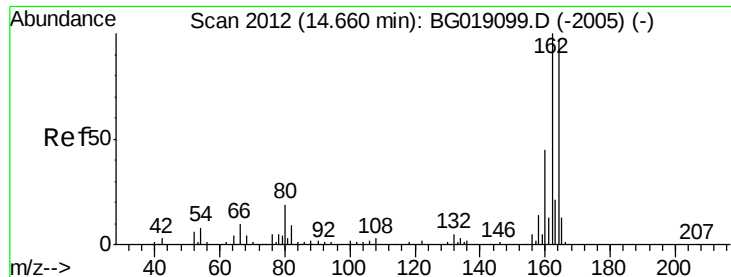
#23
Nitrobenzene-d5
Concen: 109.81 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019141.D
Acq: 11 Oct 2015 6:04

Tgt Ion: 82	Resp:	140206
Ion Ratio	Lower	Upper
82	100	
128	38.5	31.4 47.2
54	65.2	50.0 75.0



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: 14.66 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG019141.D

Acq: 11 Oct 2015 6:04

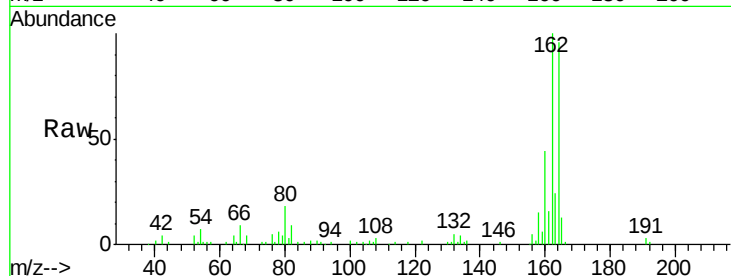
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 51680

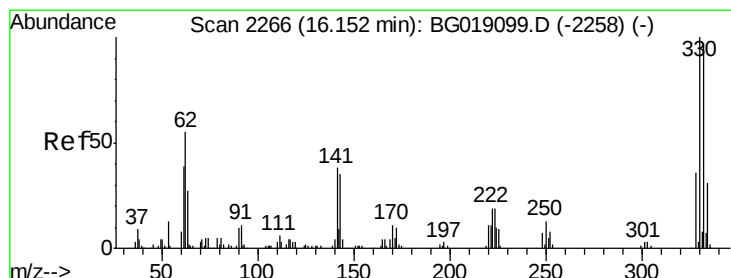
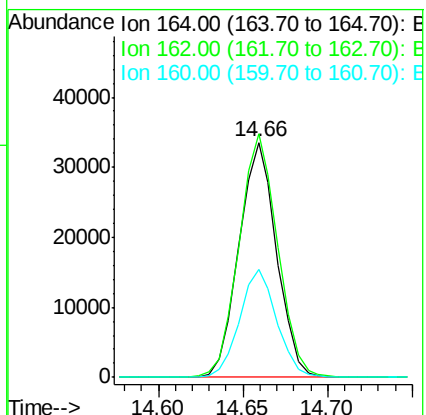
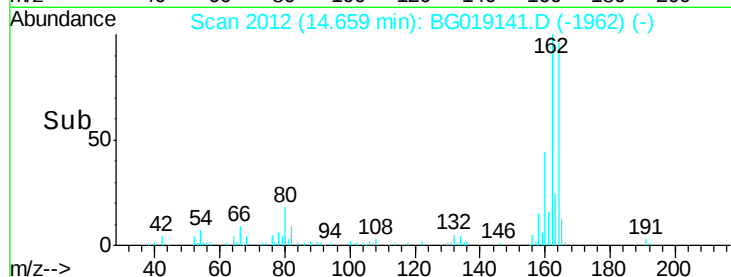
Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	124.0
160	45.8	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 157.07 ng

RT: 16.15 min Scan# 2265

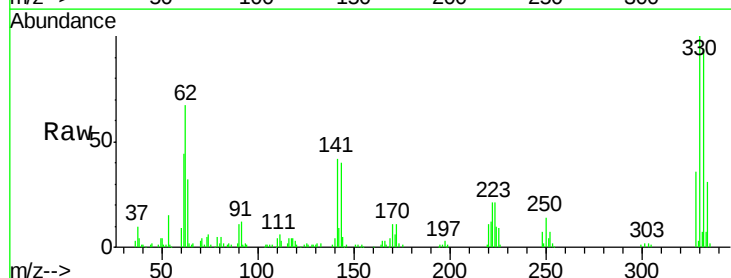
Delta R.T. -0.01 min

Lab File: BG019141.D

Acq: 11 Oct 2015 6:04

Tgt Ion:330 Resp: 110616

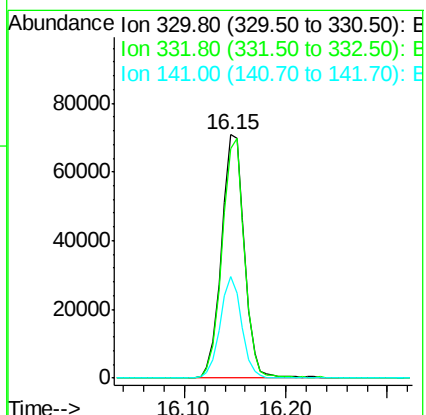
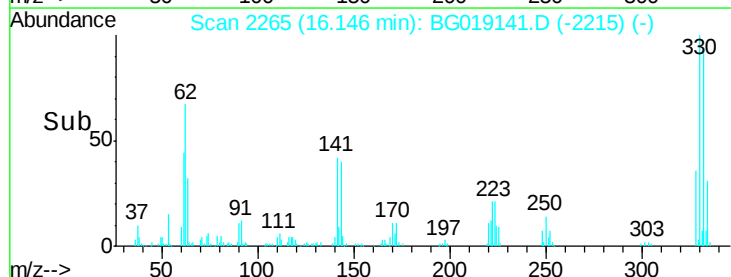
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	39.2	30.7	46.1

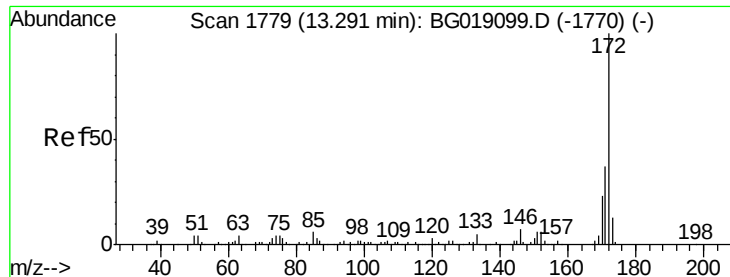


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

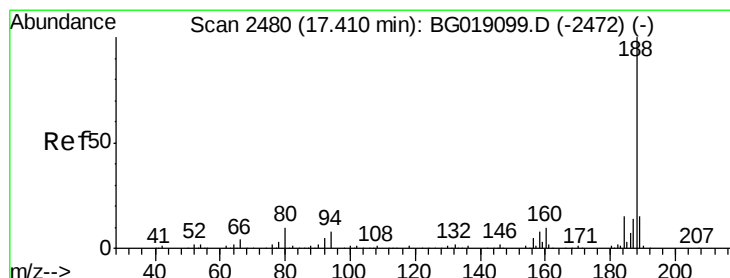
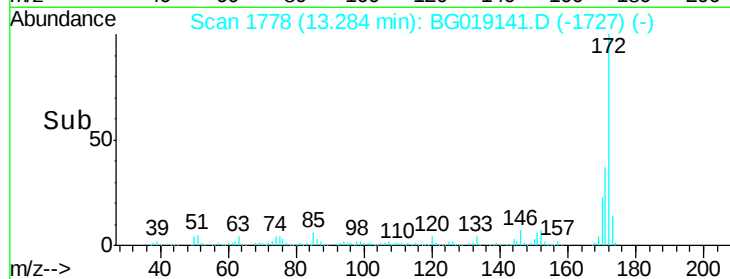
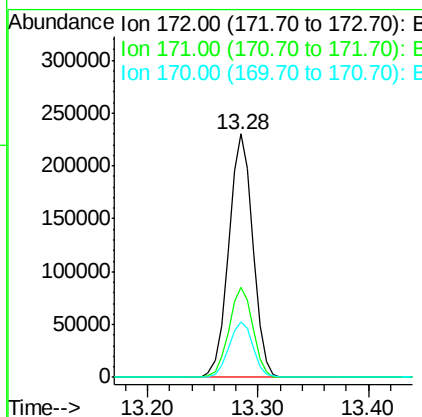
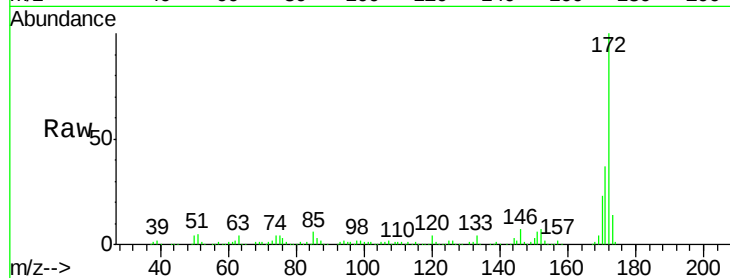




#44
 2-Fluorobiphenyl
 Concen: 104.53 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019141.D
 Acq: 11 Oct 2015 6:04

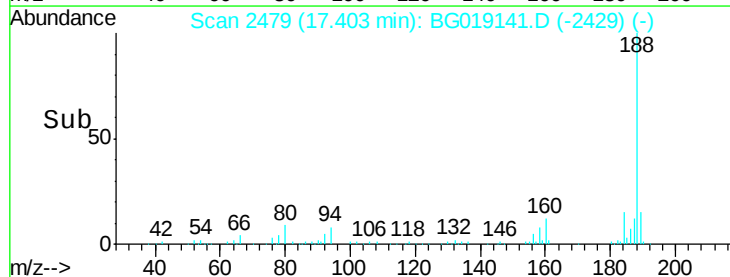
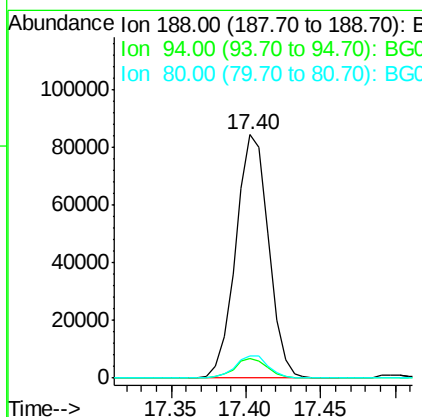
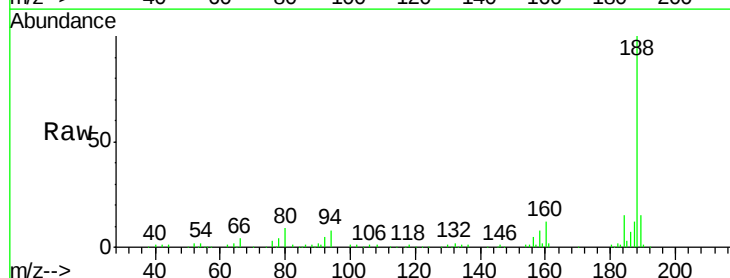
Instrument :
 BNA_G
 ClientSampleId :

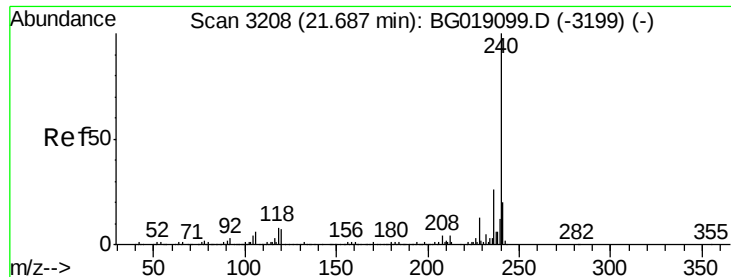
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	23.0	18.6	27.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.40 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BG019141.D
 Acq: 11 Oct 2015 6:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.4	9.6
80	9.1	7.6	11.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.67 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019141.D

Acq: 11 Oct 2015 6:04

Instrument :

BNA_G

ClientSampleId :

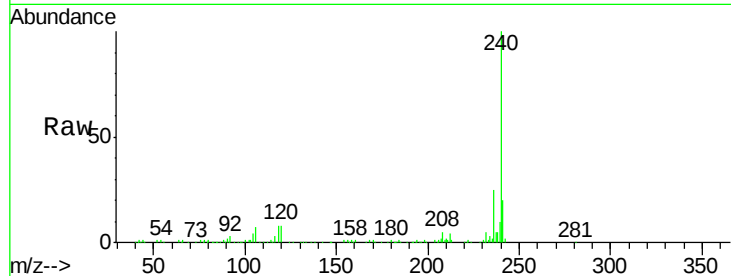
Tot Ion:240 Resp: 152513

Ion Ratio Lower Upper

240 100

120 7.7 5.8 8.6

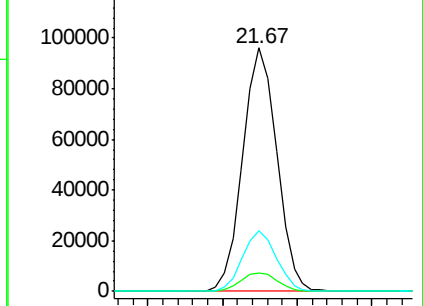
236 25.0 21.2 31.8



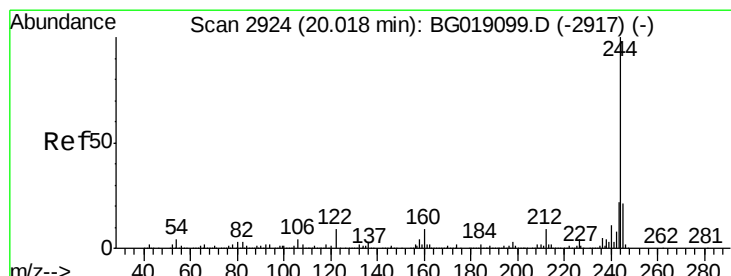
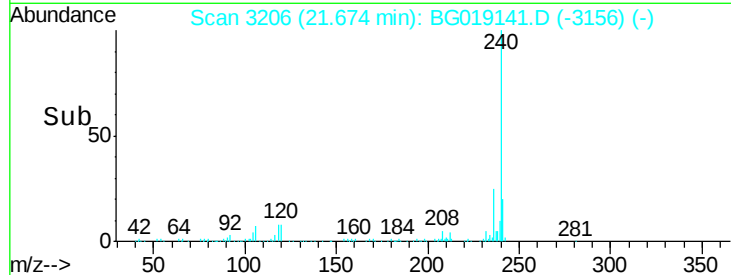
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 103.79 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019141.D

Acq: 11 Oct 2015 6:04

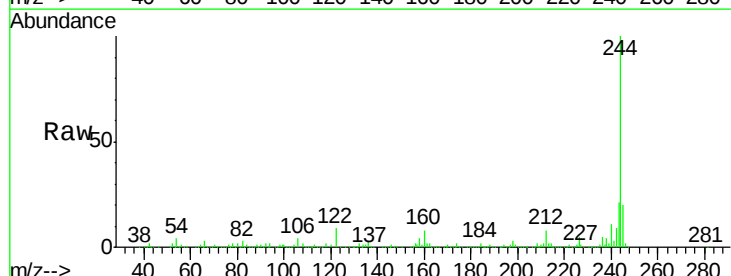
Tgt Ion:244 Resp: 599236

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

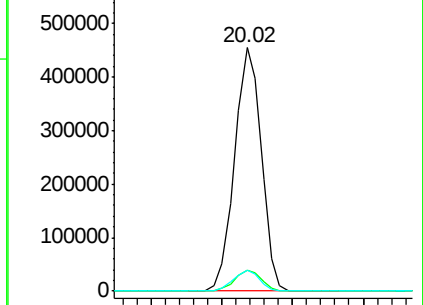
122 8.5 7.4 11.2



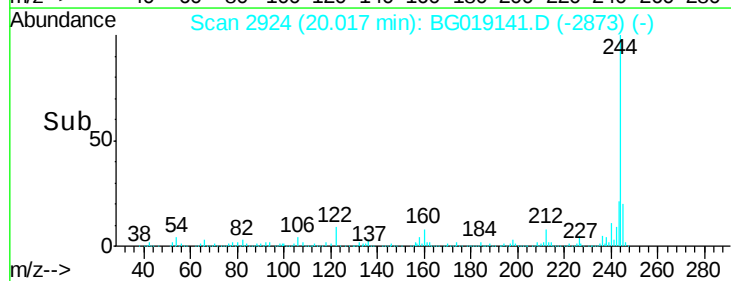
Abundance Ion 244.00 (243.70 to 244.70): E

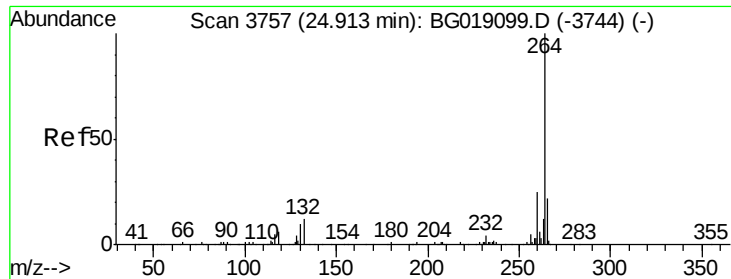
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019141.D
Acq: 11 Oct 2015 6:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	22.6	17.2	25.8

