

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071916\
 Data File : BG023173.D
 Acq On : 19 Jul 2016 12:46
 Operator : UM/SJ
 Sample : H4015-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-071116

Quant Time: Jul 21 19:12:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

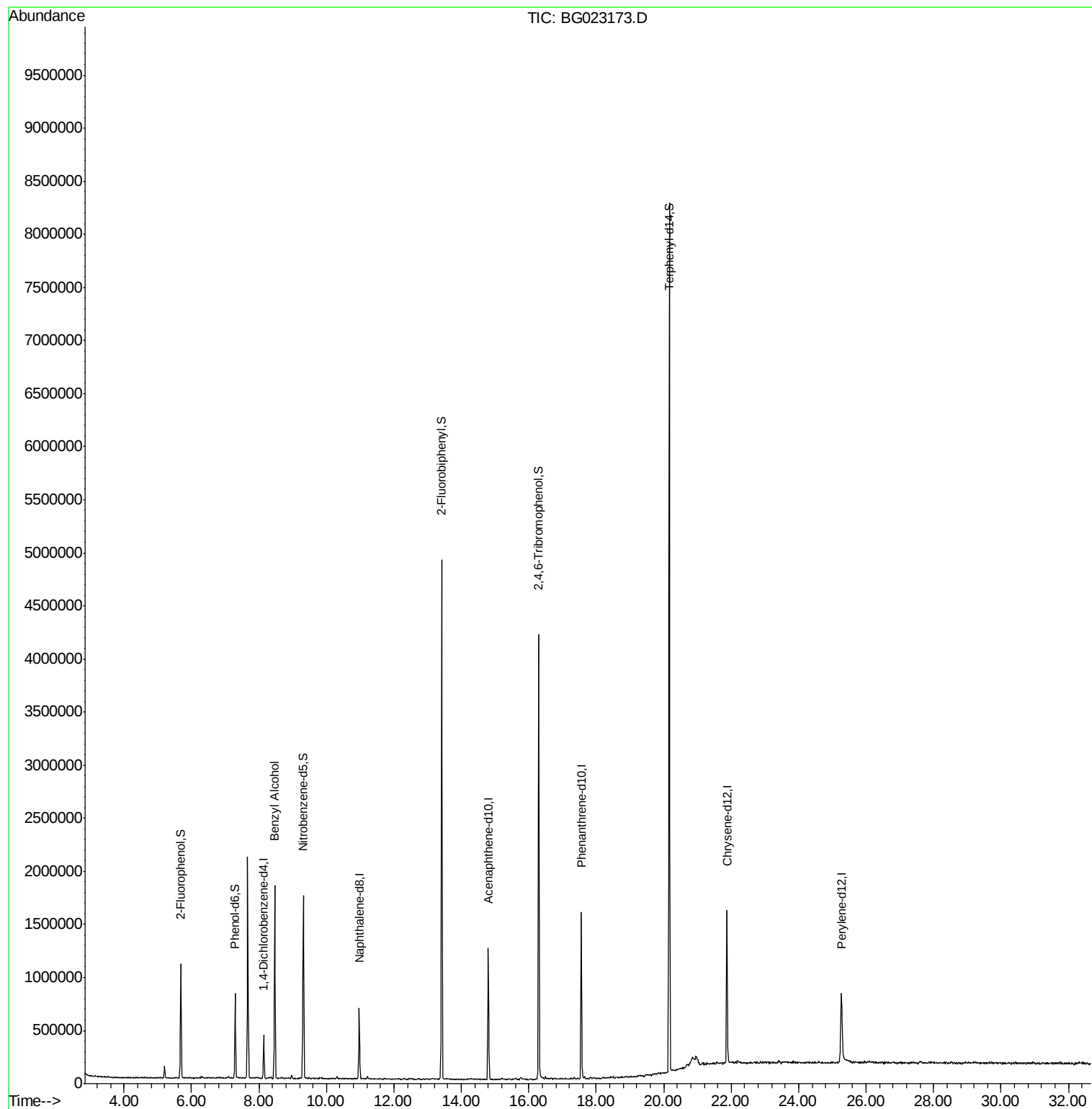
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	107674	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	524186	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	406313	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	925638	20.00	ng	0.00
75) Chrysene-d12	21.88	240	915550	20.00	ng	0.00
86) Perylene-d12	25.27	264	848876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	436919	66.37	ng	0.00
7) Phenol-d6	7.29	99	446444	43.30	ng	0.00
23) Nitrobenzene-d5	9.31	82	1140559	93.17	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	720312	98.64	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2301988	89.24	ng	0.00
78) Terphenyl-d14	20.17	244	2874824	112.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	19703	2.09	ng	Qvalue # 54

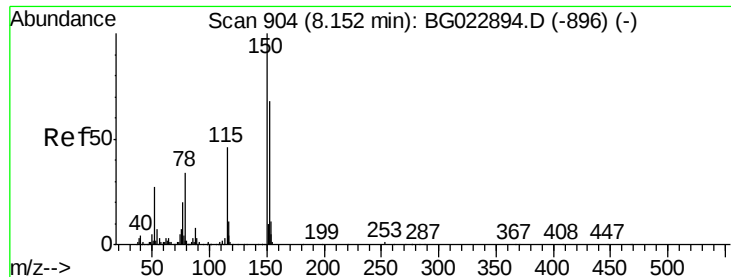
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

Instrument :

BNA_G

ClientSampleId :

FB-071116

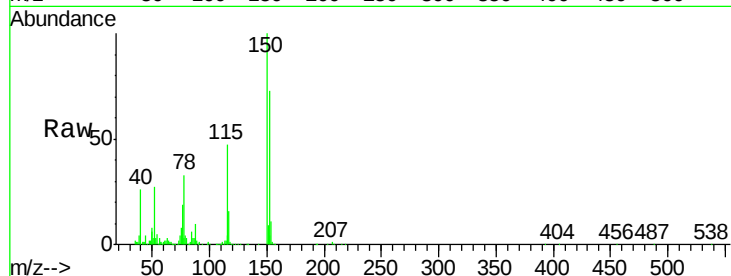
Tgt Ion:152 Resp: 107674

Ion Ratio Lower Upper

152 100

150 136.2 144.7 217.1#

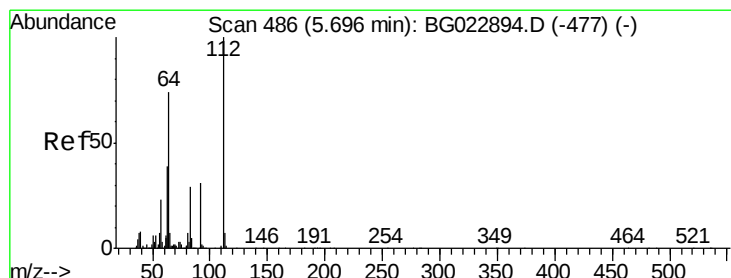
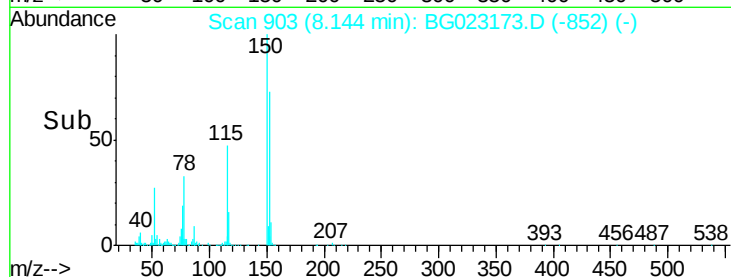
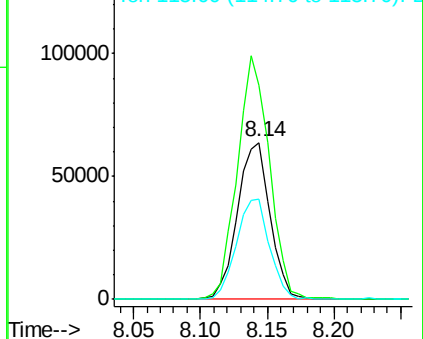
115 64.0 64.0 96.0



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: 66.37 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

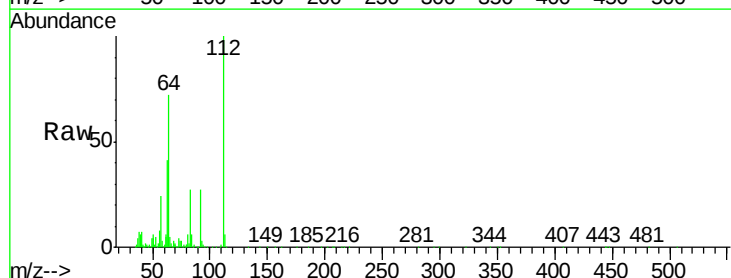
Tgt Ion:112 Resp: 436919

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

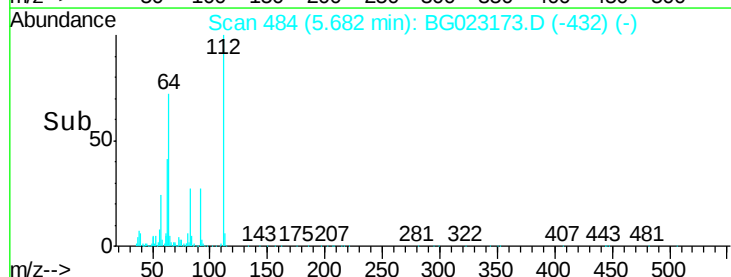
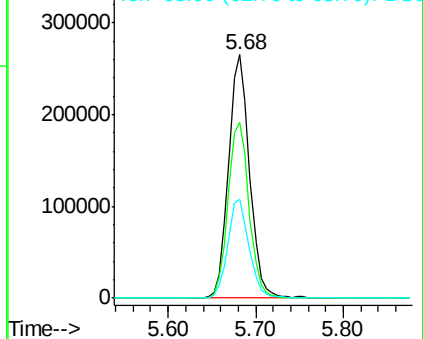
63 40.8 37.8 56.8

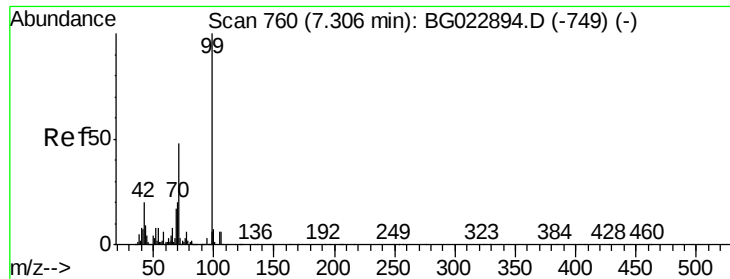


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.30 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

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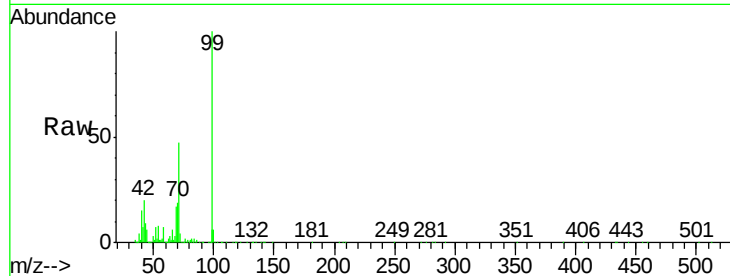
Tgt Ion: 99 Resp: 446444

Ion Ratio Lower Upper

99 100

42 19.6 17.8 26.6

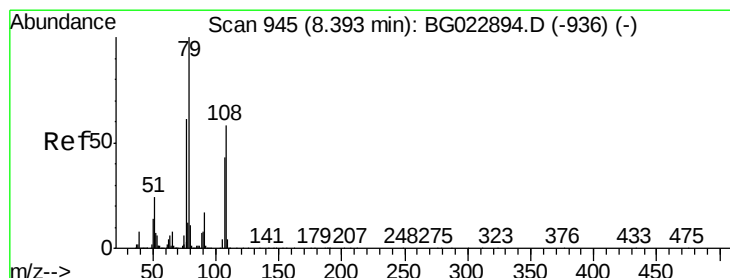
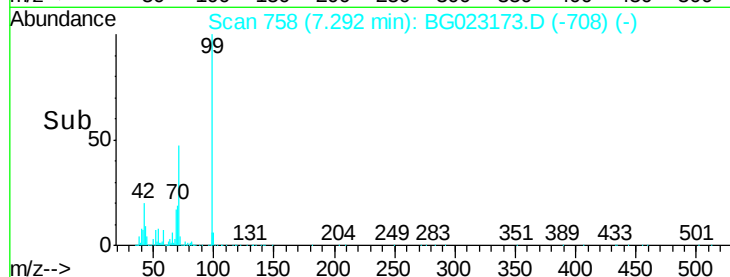
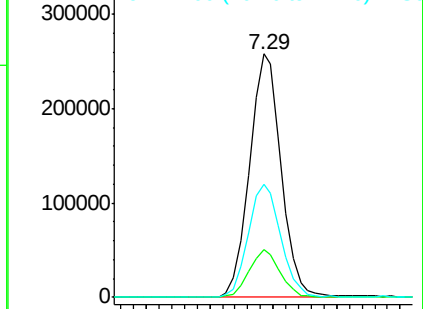
71 46.7 41.5 62.3



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: 2.09 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

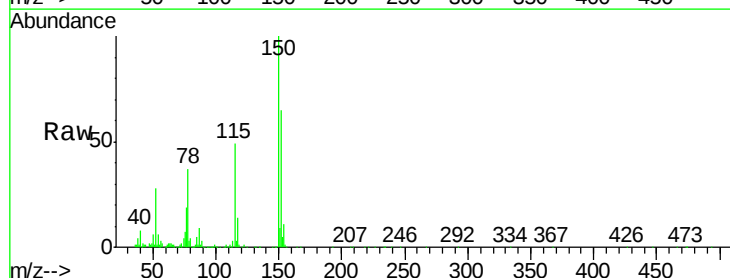
Tgt Ion: 79 Resp: 19703

Ion Ratio Lower Upper

79 100

108 25.3 46.5 69.7#

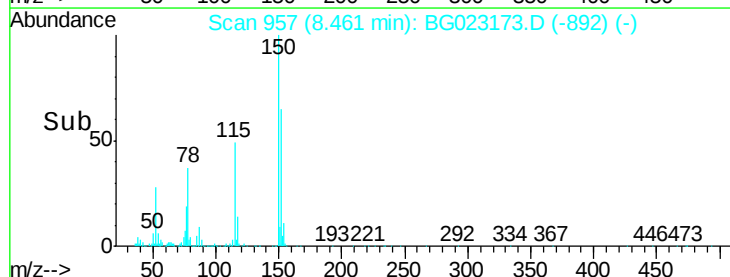
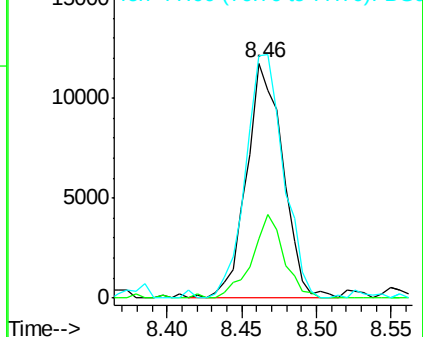
77 103.1 52.3 78.5#

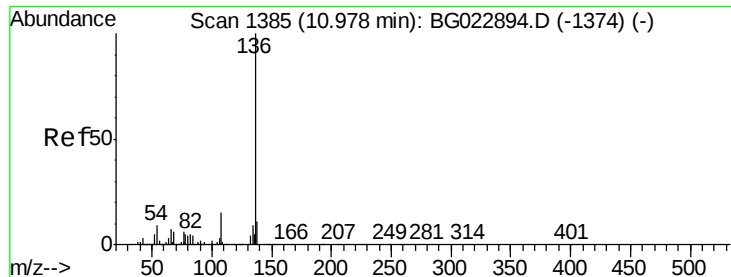


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

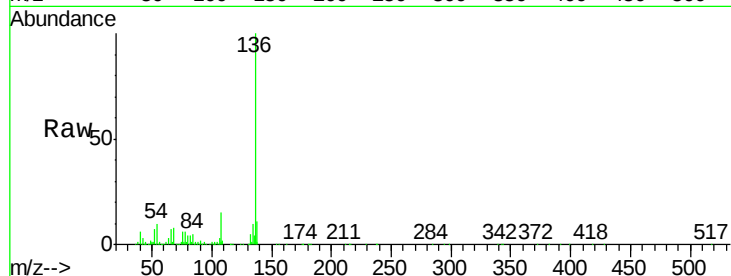




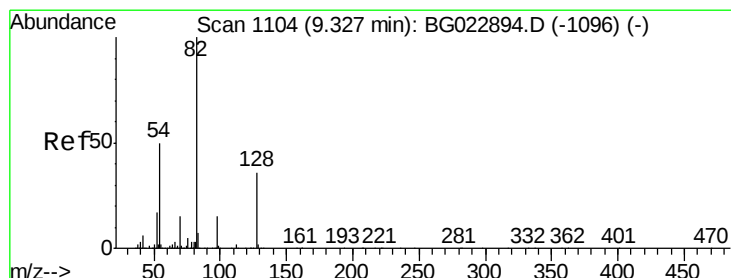
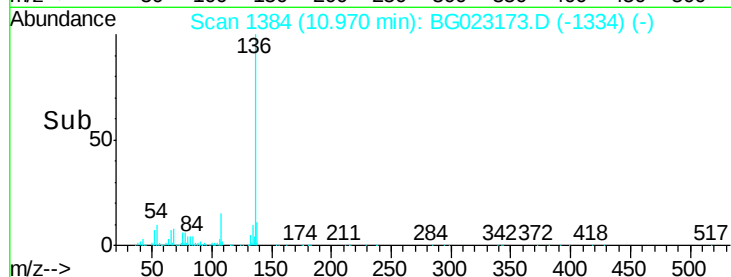
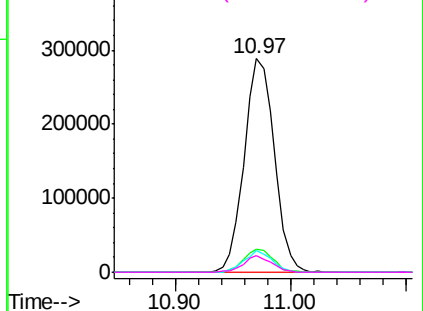
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023173.D
Acq: 19 Jul 2016 12:46

Instrument :
BNA_G
ClientSampleId :
FB-071116

Tgt Ion:	136	Resp:	524186
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.2	7.3	10.9
68	7.7	5.3	7.9

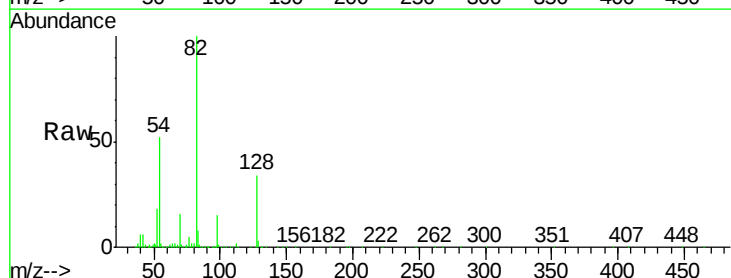


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

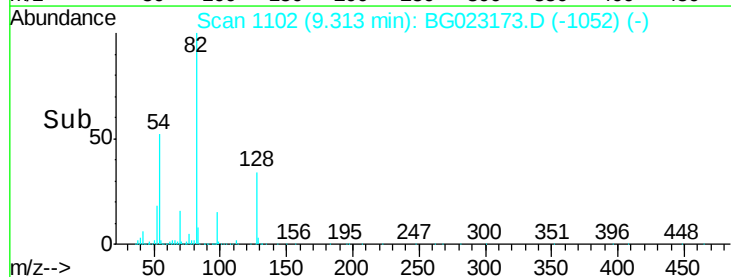
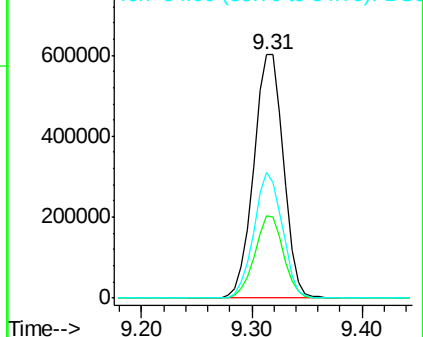


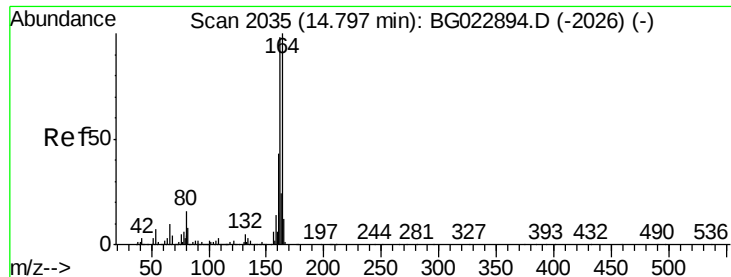
#23
Nitrobenzene-d5
Concen: 93.17 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG023173.D
Acq: 19 Jul 2016 12:46

Tgt Ion:	82	Resp:	1140559
Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	51.7	41.4	62.0



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: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

Instrument :

BNA_G

ClientSampleId :

FB-071116

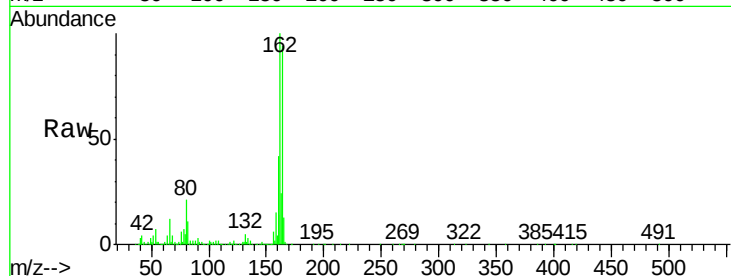
Tgt Ion:164 Resp: 406313

Ion Ratio Lower Upper

164 100

162 105.9 87.7 131.5

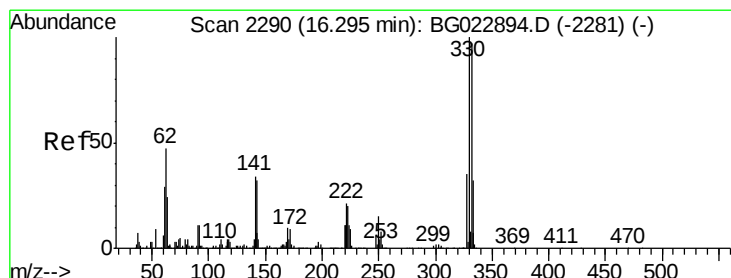
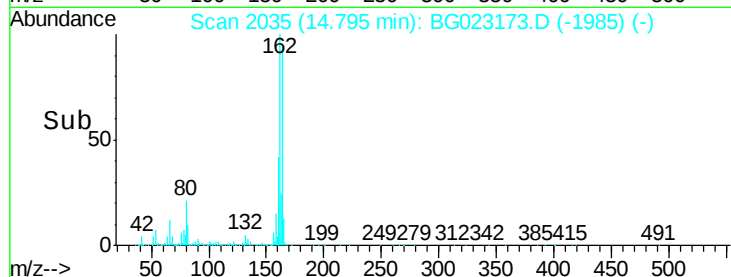
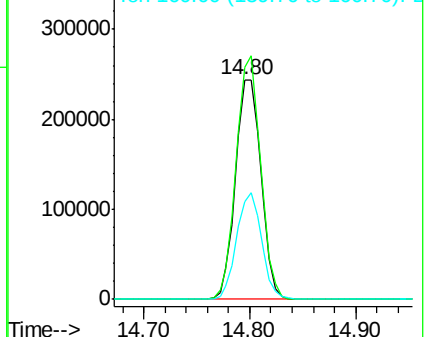
160 44.3 37.2 55.8



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: 98.64 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

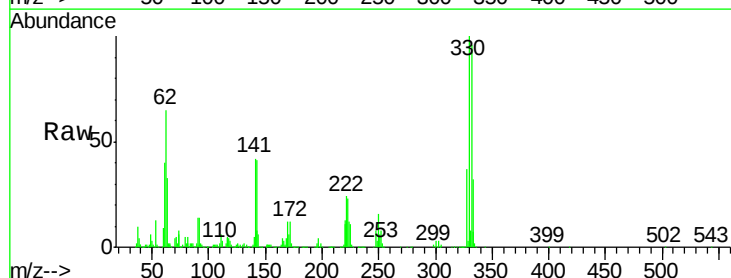
Tgt Ion:330 Resp: 720312

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

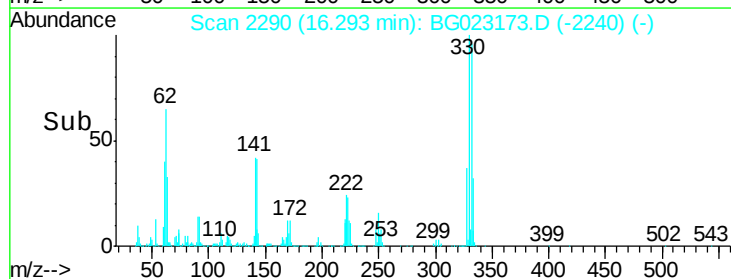
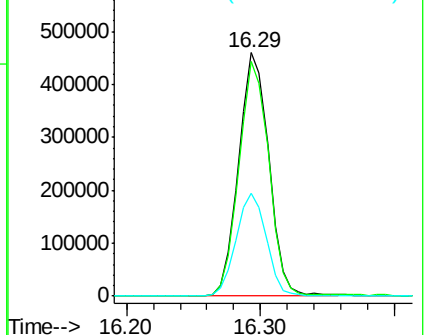
141 42.5 31.7 47.5

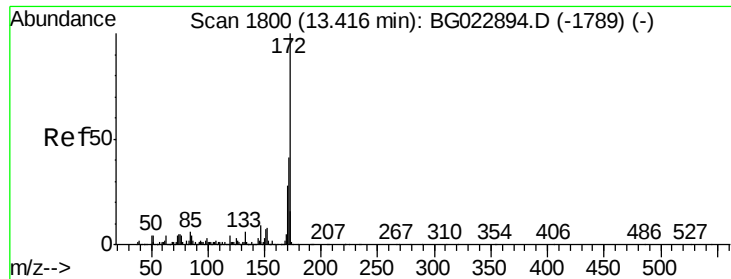


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

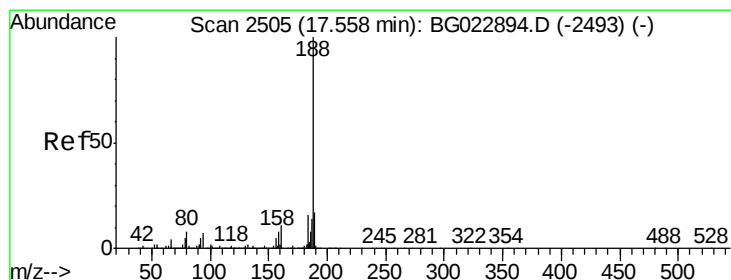
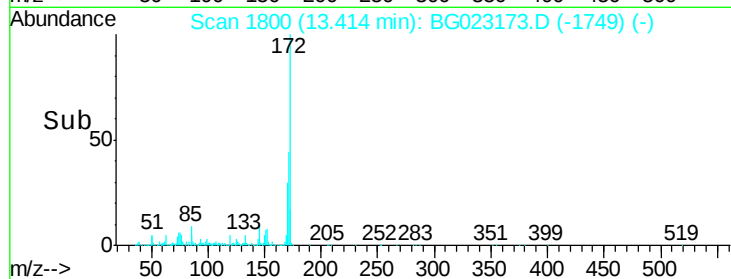
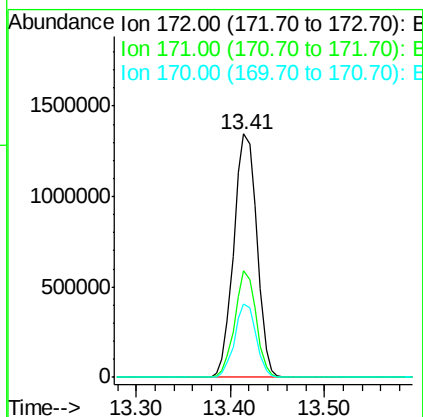
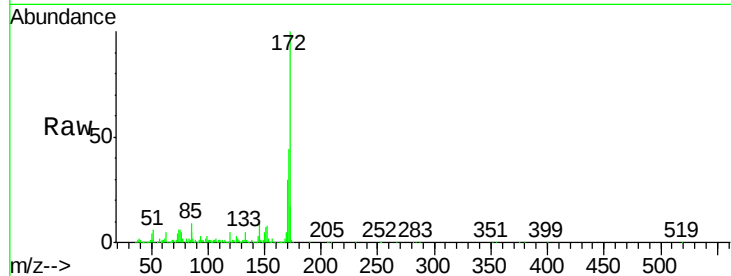




#44
2-Fluorobiphenyl
Concen: 89.24 ng
RT: 13.41 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023173.D
Acq: 19 Jul 2016 12:46

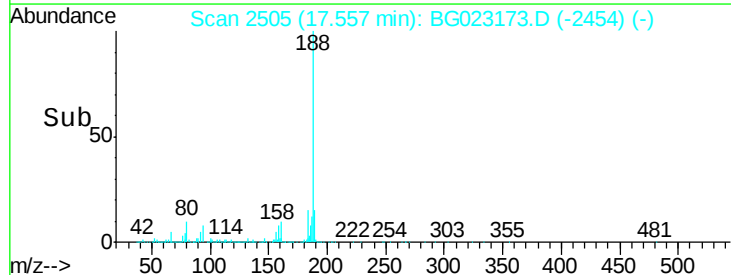
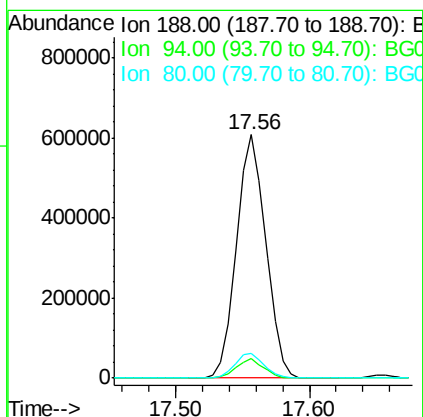
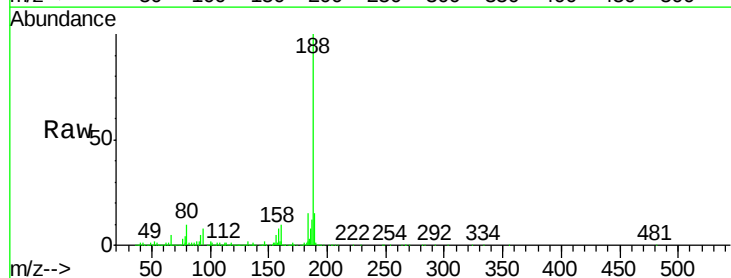
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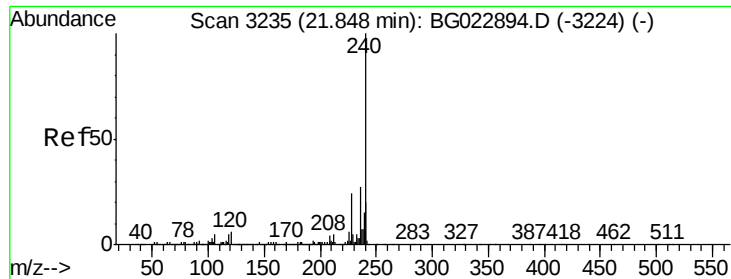
Tgt Ion:172 Resp: 2301988
Ion Ratio Lower Upper
172 100
171 43.8 31.6 47.4
170 30.2 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG023173.D
Acq: 19 Jul 2016 12:46

Tgt Ion:188 Resp: 925638
Ion Ratio Lower Upper
188 100
94 8.2 5.2 7.8#
80 10.3 7.2 10.8

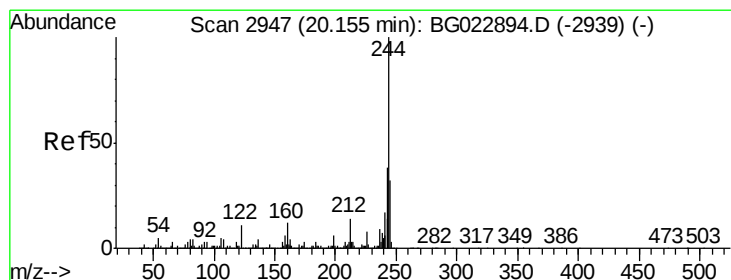
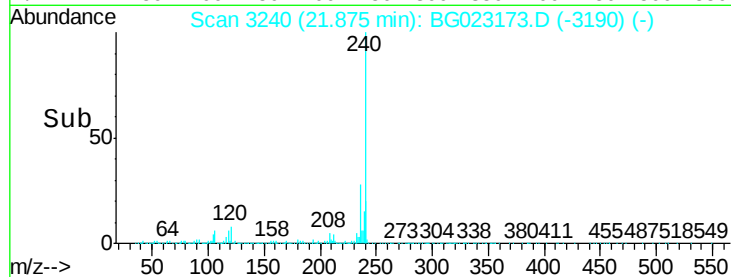
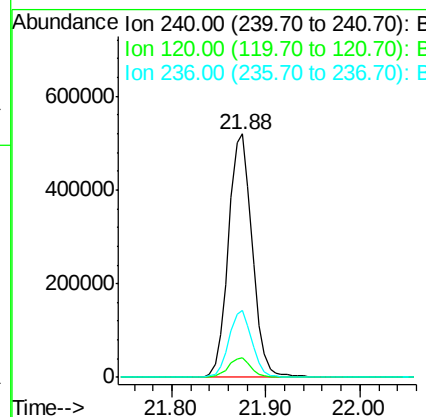
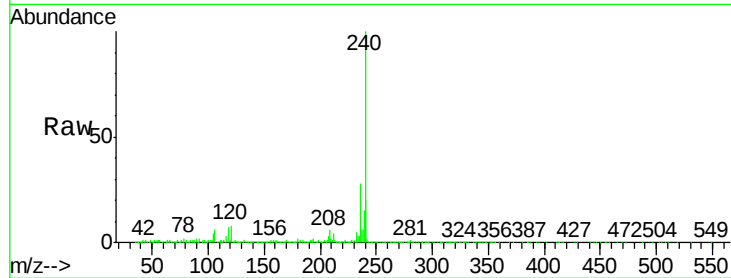




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG023173.D
Acq: 19 Jul 2016 12:46

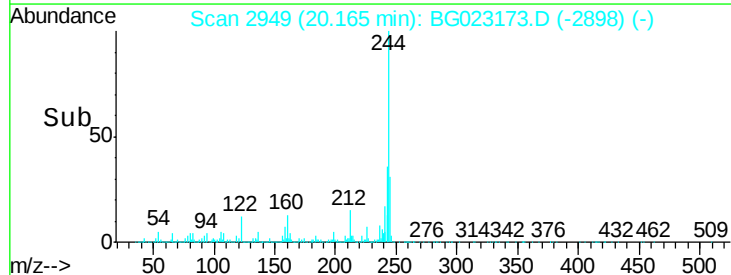
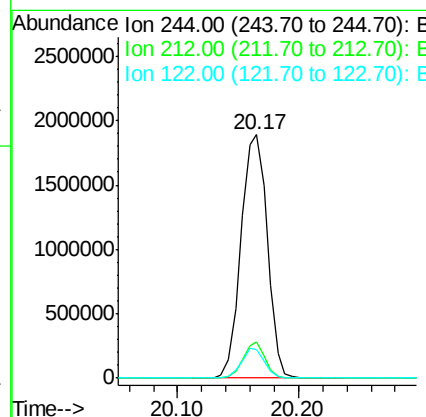
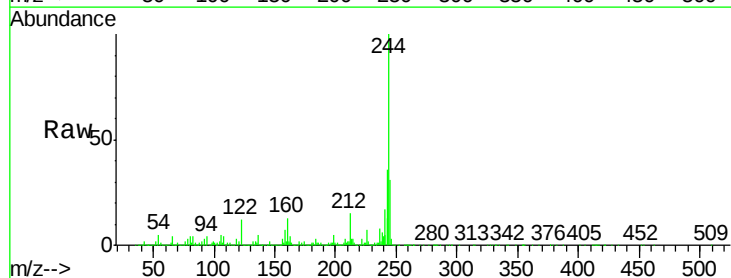
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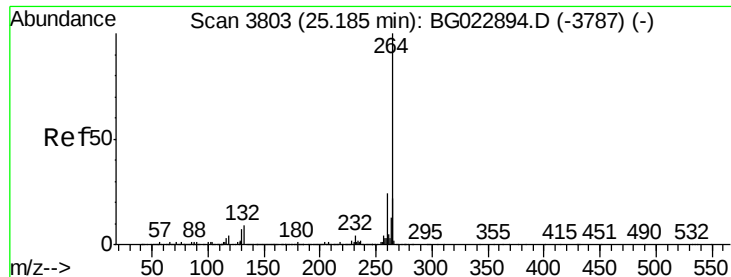
Tgt Ion:240 Resp: 915550
Ion Ratio Lower Upper
240 100
120 8.1 4.1 6.1#
236 27.6 21.1 31.7



#78
Terphenyl-d14
Concen: 112.97 ng
RT: 20.17 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG023173.D
Acq: 19 Jul 2016 12:46

Tgt Ion:244 Resp: 2874824
Ion Ratio Lower Upper
244 100
212 14.7 10.8 16.2
122 11.7 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BG023173.D
Acq: 19 Jul 2016 12:46

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	23.0	18.9	28.3

