

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023032.D
 Acq On : 12 Jul 2016 12:05
 Operator : UM/SJ
 Sample : H3972-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:44:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

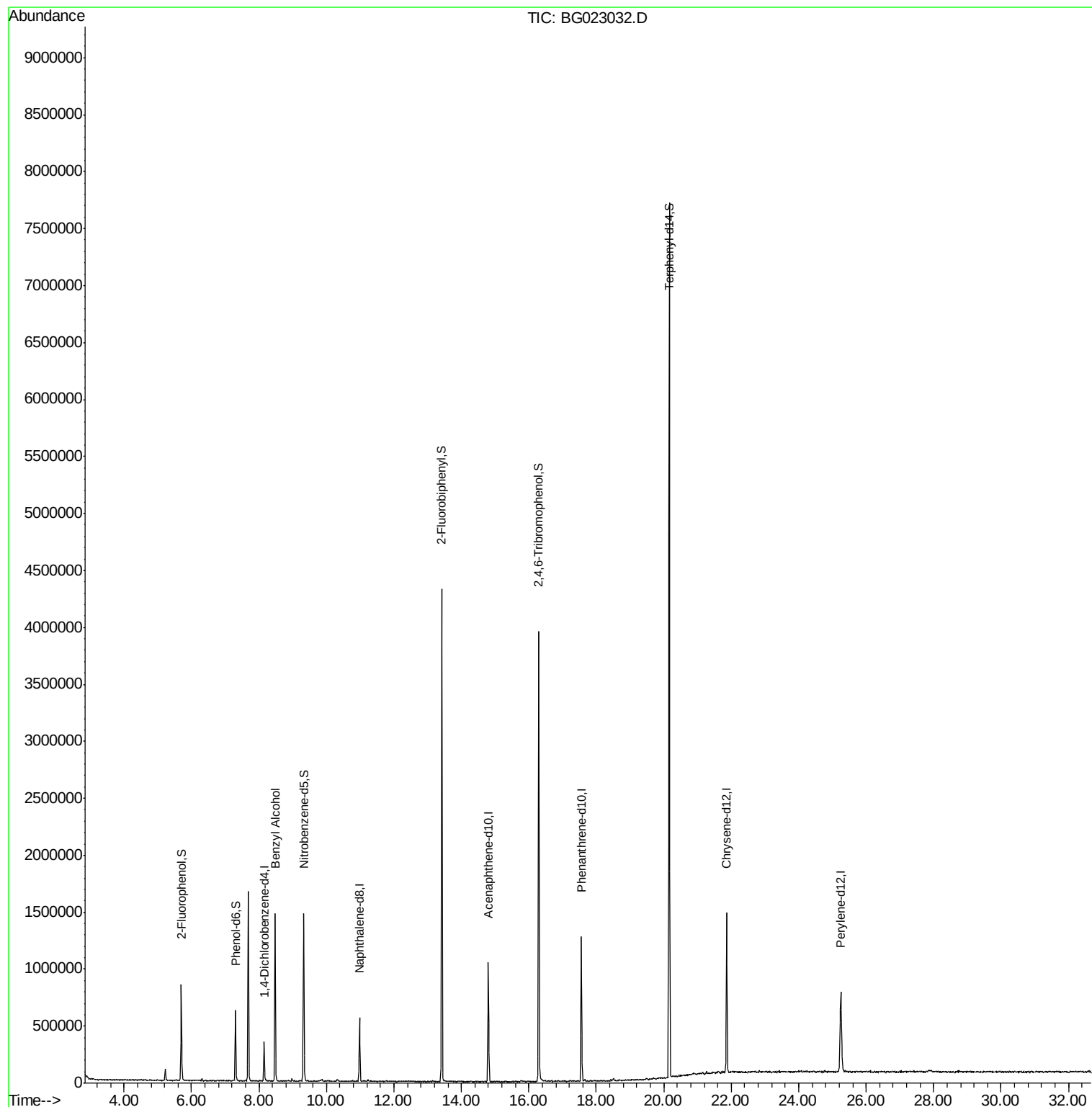
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	86246	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	439824	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	339734	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	804641	20.00	ng	0.00
75) Chrysene-d12	21.86	240	873048	20.00	ng	0.01
86) Perylene-d12	25.25	264	861600	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	346925	65.79	ng	0.00
7) Phenol-d6	7.30	99	345544	41.84	ng	0.00
23) Nitrobenzene-d5	9.32	82	959994	93.46	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	726244	118.94	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2068072	95.88	ng	0.00
78) Terphenyl-d14	20.16	244	2861762	124.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	15825	2.09	ng	Qvalue # 58

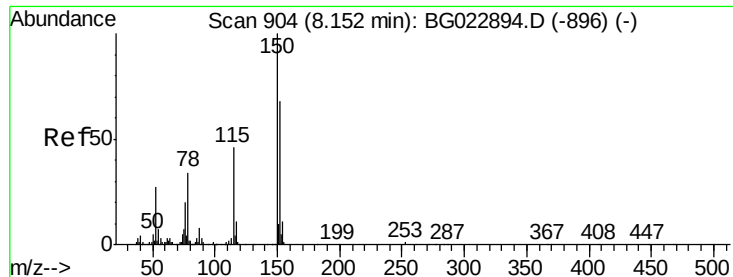
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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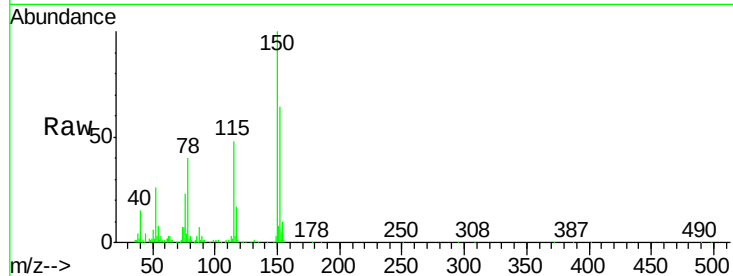


#1

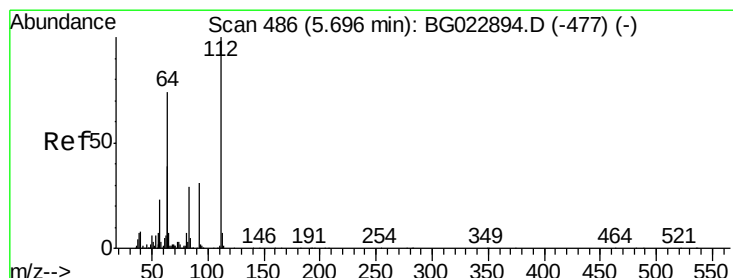
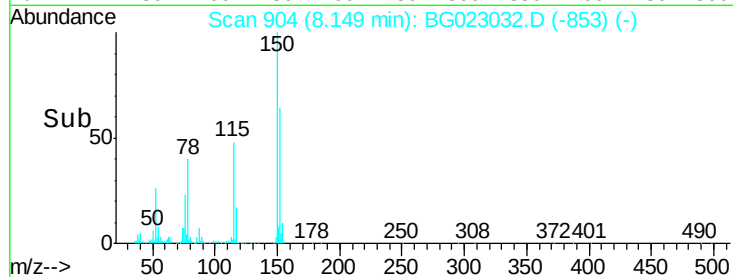
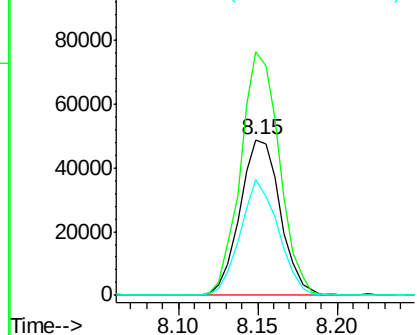
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023032.D
Acq: 12 Jul 2016 12:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 86246
Ion Ratio Lower Upper
152 100
150 156.6 144.7 217.1
115 74.8 64.0 96.0



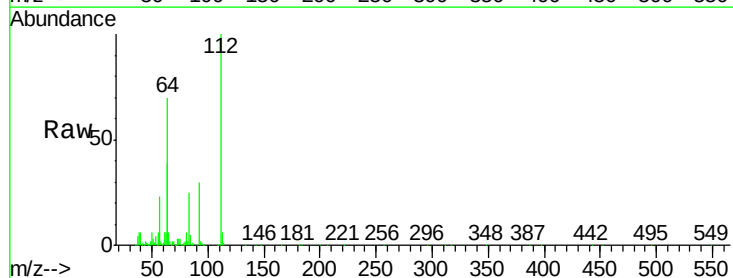
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



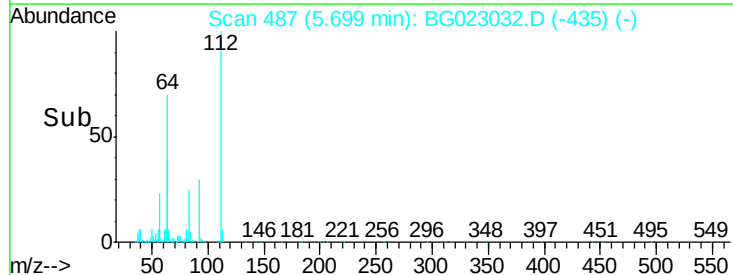
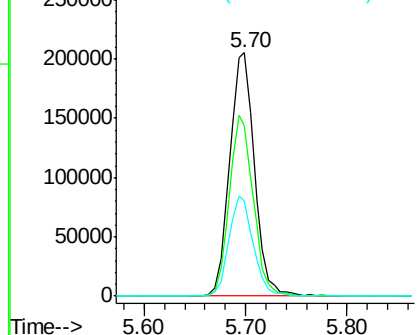
#5

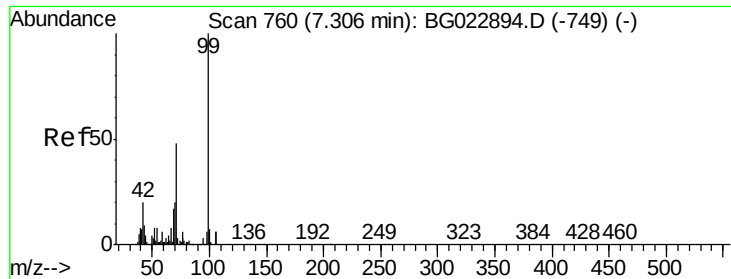
2-Fluorophenol
Concen: 65.79 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023032.D
Acq: 12 Jul 2016 12:05

Tgt Ion:112 Resp: 346925
Ion Ratio Lower Upper
112 100
64 70.0 59.0 88.4
63 39.2 37.8 56.8



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: 41.84 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023032.D

Acq: 12 Jul 2016 12:05

Instrument :

BNA_G

ClientSampleId :

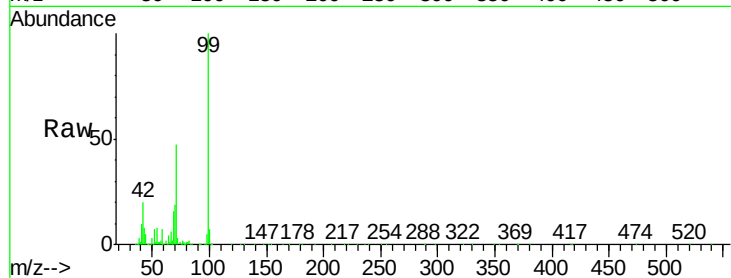
Tot Ion: 99 Resp: 345544

Ion Ratio Lower Upper

99 100

42 19.7 17.8 26.6

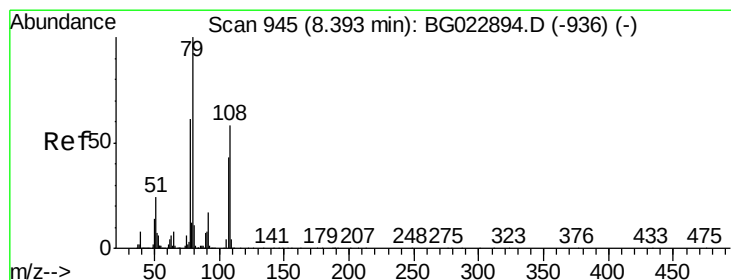
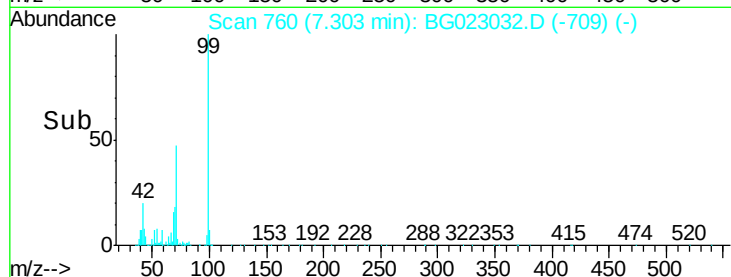
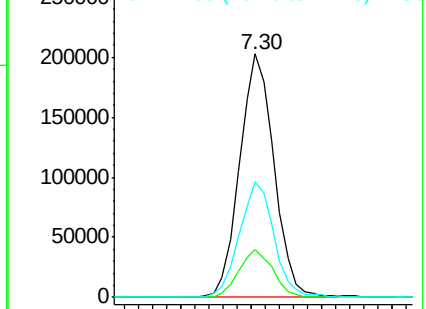
71 47.3 41.5 62.3



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: 8.48 min Scan# 960

Delta R.T. 0.09 min

Lab File: BG023032.D

Acq: 12 Jul 2016 12:05

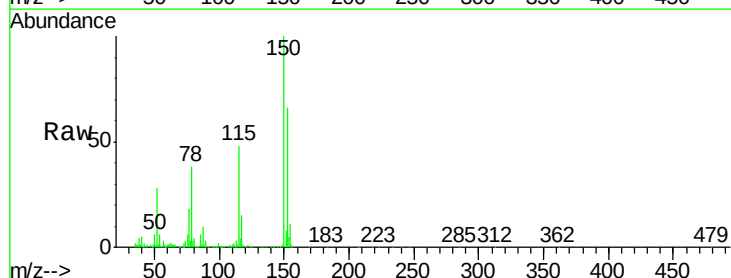
Tgt Ion: 79 Resp: 15825

Ion Ratio Lower Upper

79 100

108 43.3 46.5 69.7#

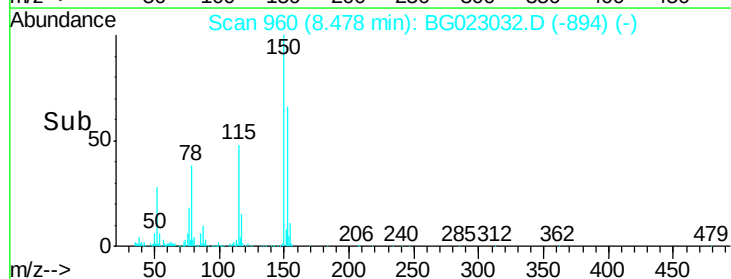
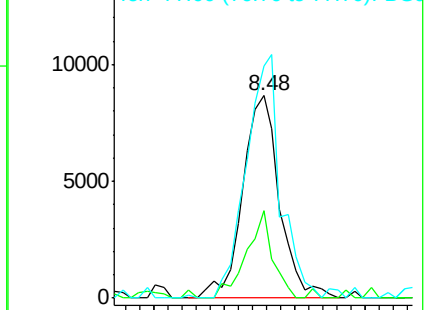
77 114.9 52.3 78.5#

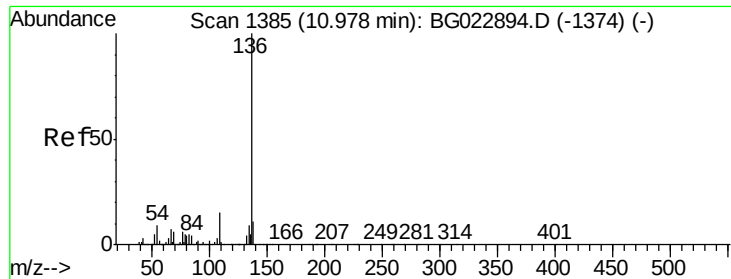


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

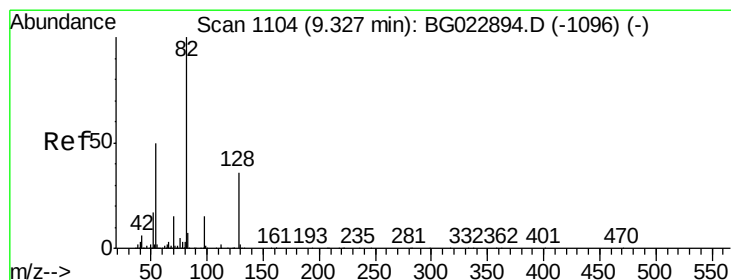
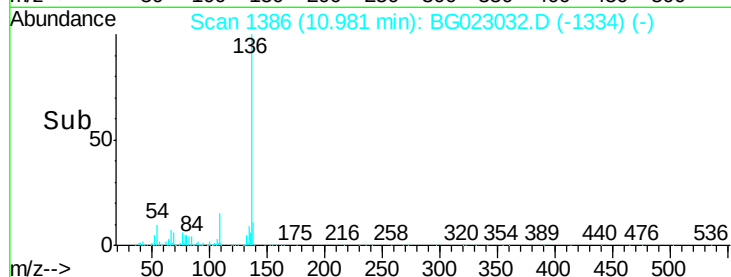
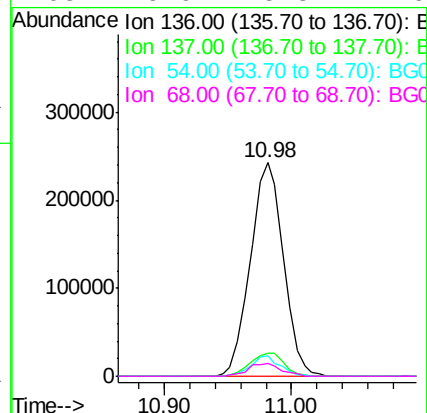
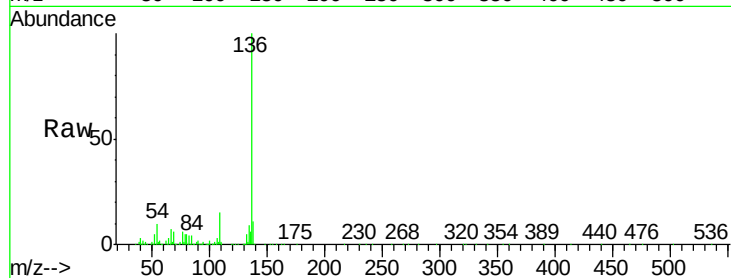




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023032.D
Acq: 12 Jul 2016 12:05

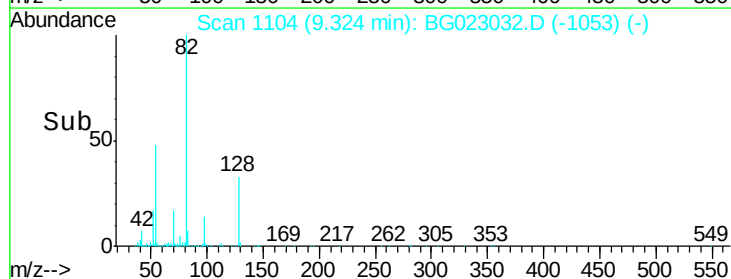
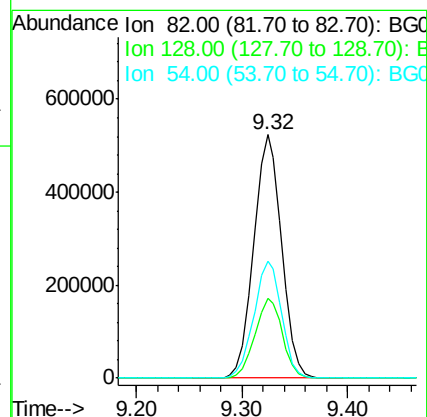
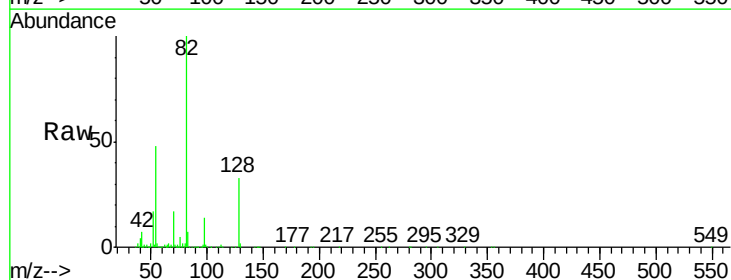
Instrument :
BNA_G
ClientSampleId :

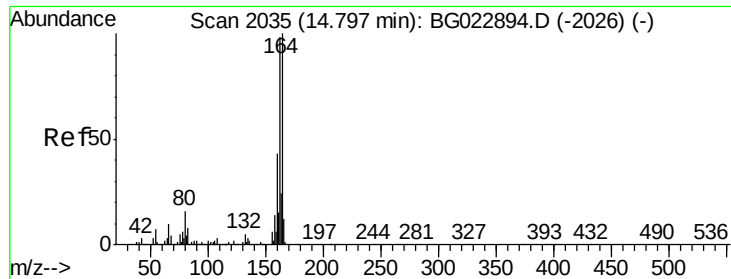
Tot Ion:136	Resp:	439824
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.6 14.4
54	9.8	7.3 10.9
68	5.9	5.3 7.9



#23
Nitrobenzene-d5
Concen: 93.46 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023032.D
Acq: 12 Jul 2016 12:05

Tgt Ion: 82	Resp:	959994
Ion Ratio	Lower	Upper
82	100	
128	32.8	24.4 36.6
54	48.1	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023032.D

Acq: 12 Jul 2016 12:05

Instrument :

BNA_G

ClientSampleId :

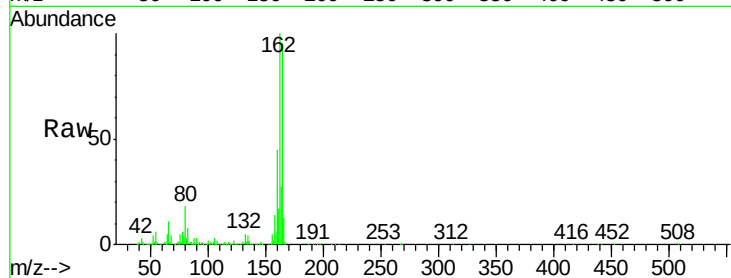
Tot Ion:164 Resp: 339734

Ion Ratio Lower Upper

164 100

162 105.3 87.7 131.5

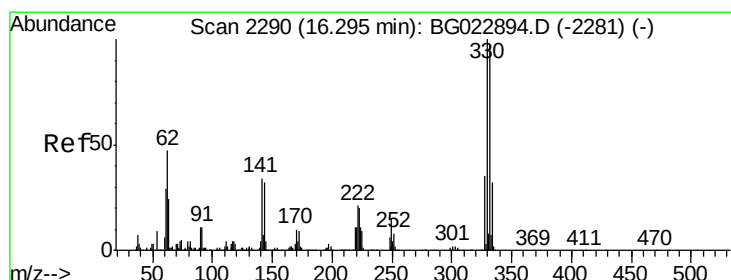
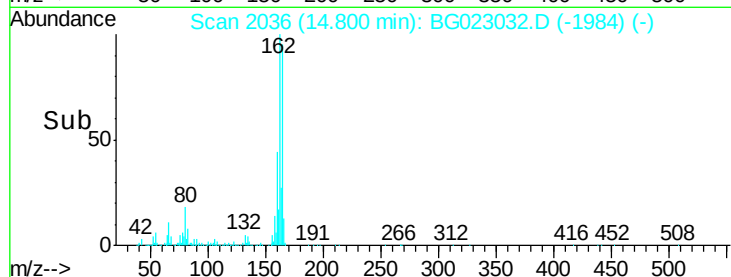
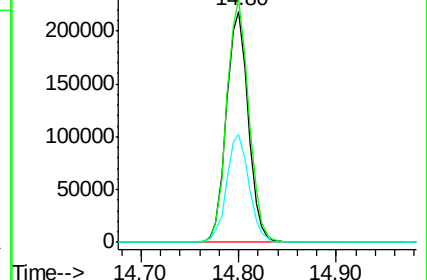
160 46.9 37.2 55.8



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: 118.94 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023032.D

Acq: 12 Jul 2016 12:05

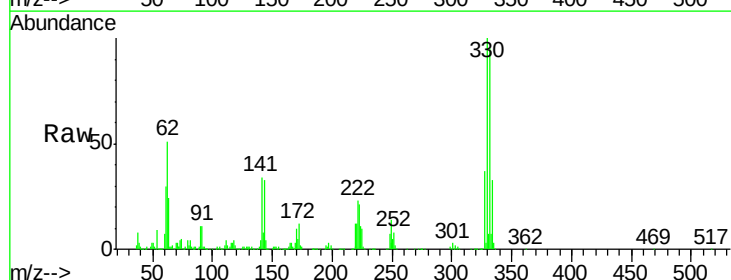
Tgt Ion:330 Resp: 726244

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

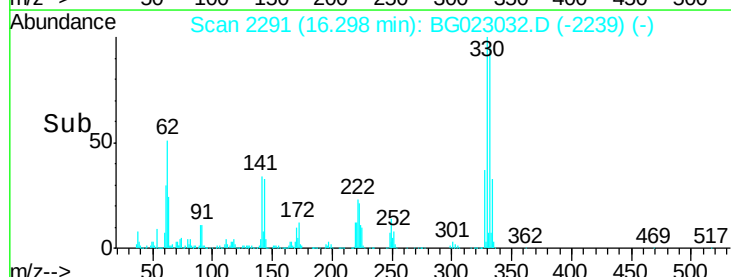
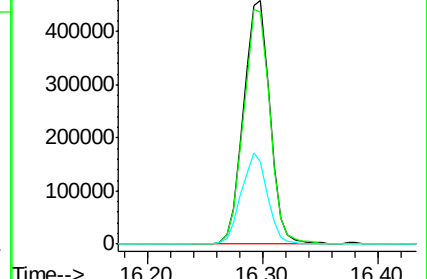
141 37.1 31.7 47.5

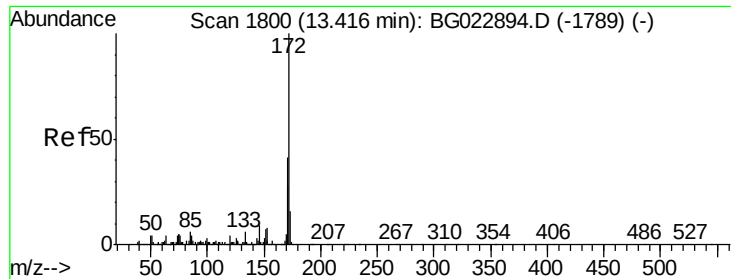


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



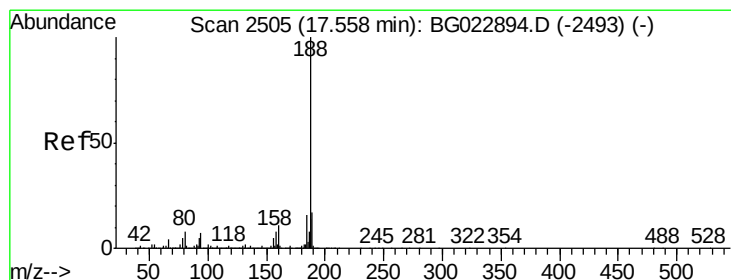
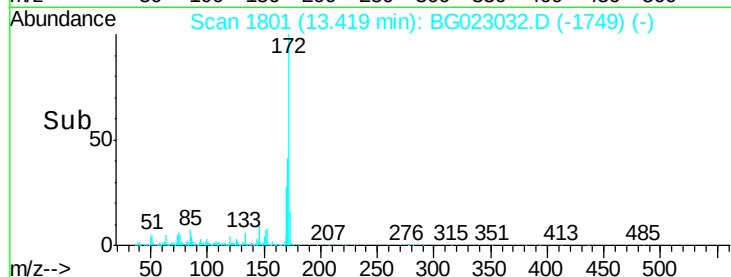
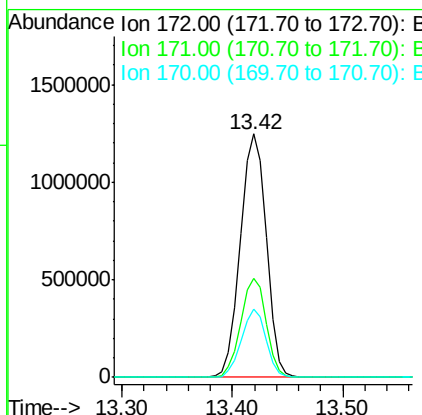
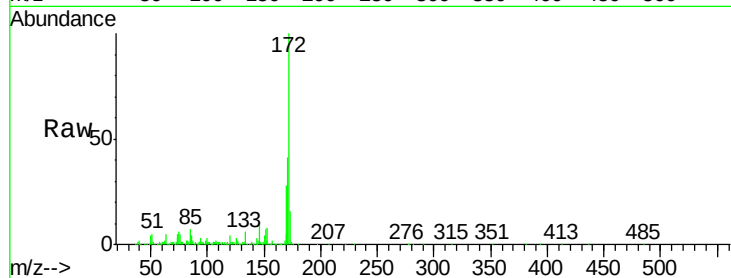


#44
 2-Fluorobiphenyl
 Concen: 95.88 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023032.D
 Acq: 12 Jul 2016 12:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 2068072

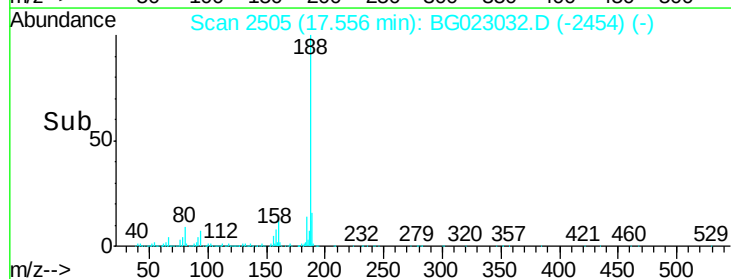
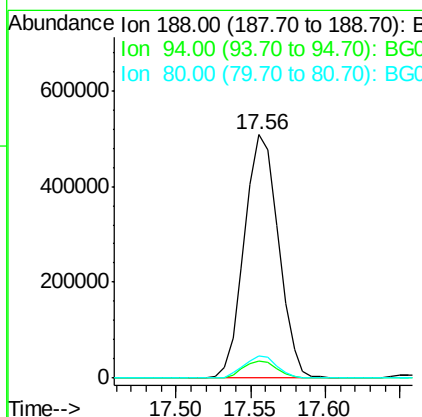
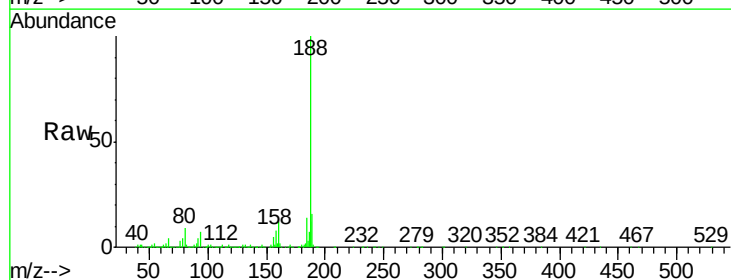
Ion	Ratio	Lower	Upper
172	100		
171	40.5	31.6	47.4
170	27.8	21.3	31.9

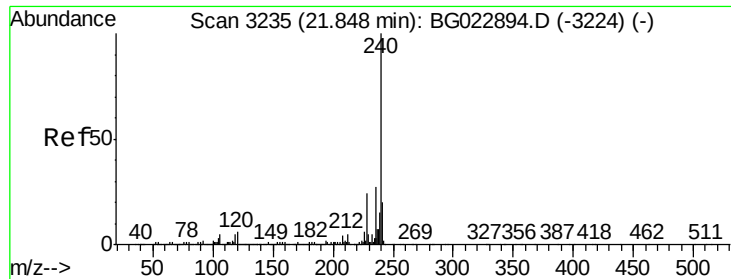


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG023032.D
 Acq: 12 Jul 2016 12:05

Tgt Ion:188 Resp: 804641

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	9.2	7.2	10.8

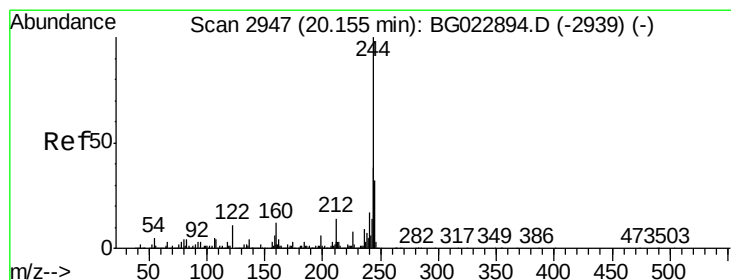
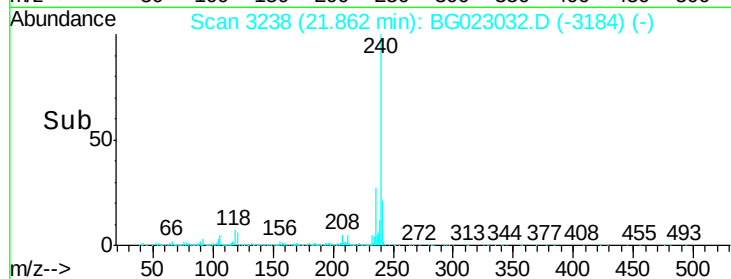
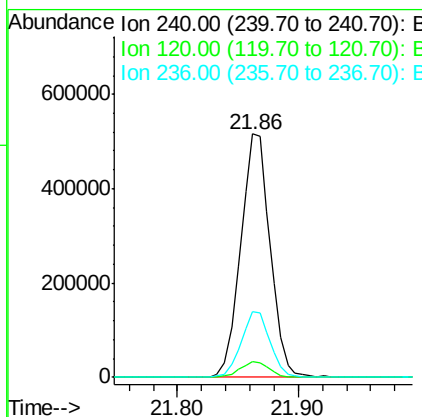
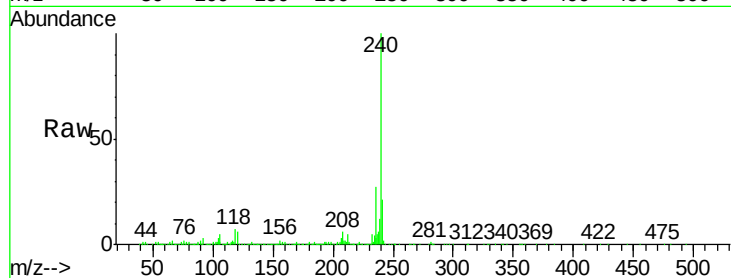




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.01 min
 Lab File: BG023032.D
 Acq: 12 Jul 2016 12:05

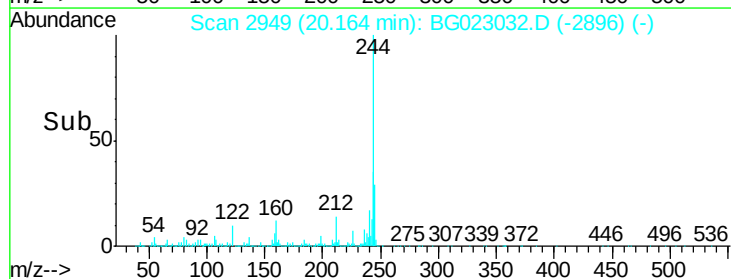
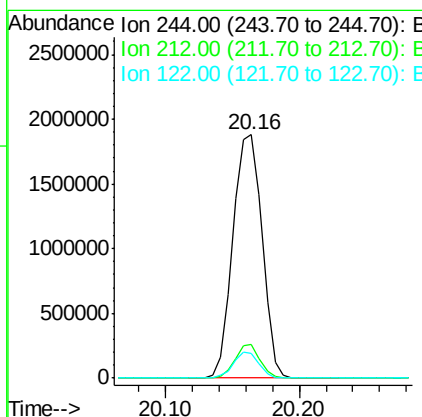
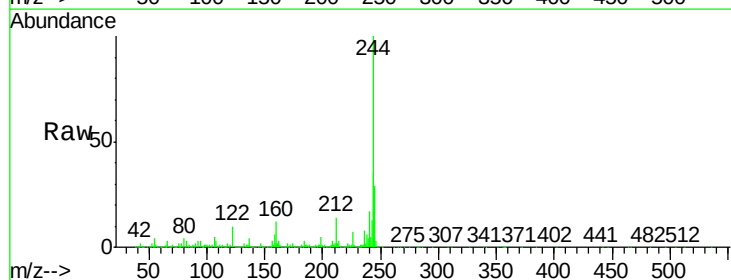
Instrument :
 BNA_G
 ClientSampleId :

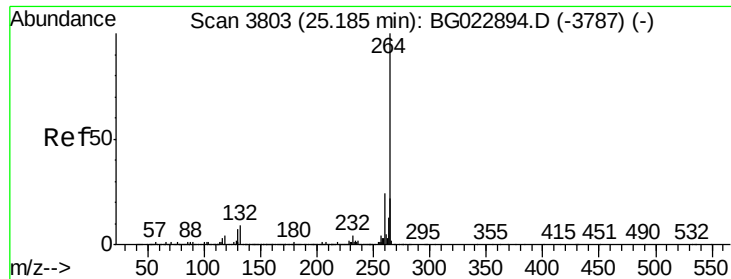
Tot Ion:240 Resp: 873048
 Ion Ratio Lower Upper
 240 100
 120 6.3 4.1 6.1#
 236 27.1 21.1 31.7



#78
 Terphenyl-d14
 Concen: 124.39 ng
 RT: 20.16 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: BG023032.D
 Acq: 12 Jul 2016 12:05

Tgt Ion:244 Resp: 2861762
 Ion Ratio Lower Upper
 244 100
 212 14.0 10.8 16.2
 122 10.2 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023032.D
 Acq: 12 Jul 2016 12:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	24.3	18.9	28.3

