

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022931.D
 Acq On : 8 Jul 2016 14:44
 Operator : UM/SJ
 Sample : H3876-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 17:37:31 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

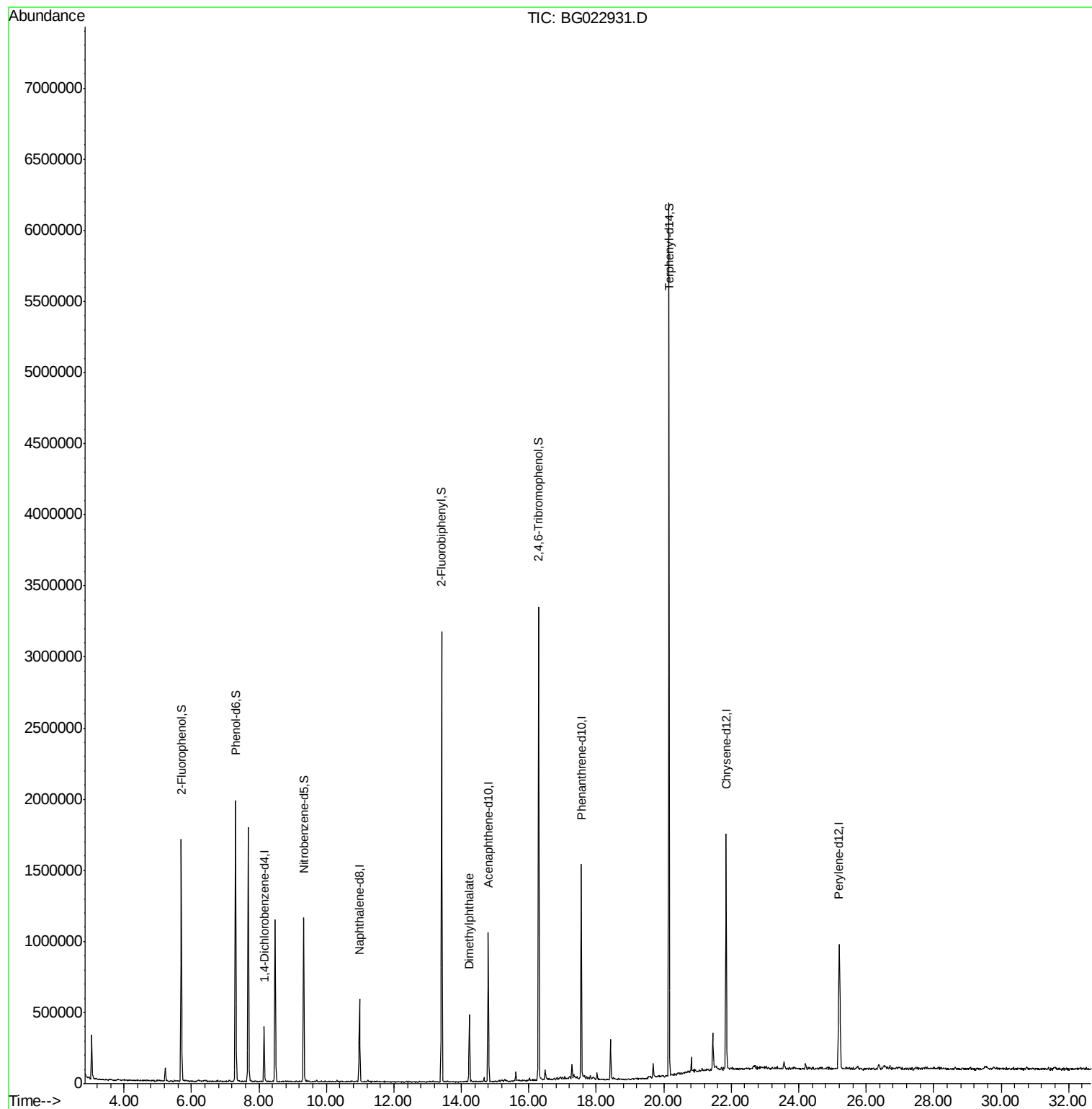
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	102918	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	453217	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	375007	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	906143	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1034741	20.00	ng	0.00
86) Perylene-d12	25.20	264	1062684	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	680719	108.18	ng	0.00
7) Phenol-d6	7.31	99	1075971	109.17	ng	0.00
23) Nitrobenzene-d5	9.33	82	746042	70.48	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	625900	92.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1552368	65.20	ng	0.00
78) Terphenyl-d14	20.16	244	2421384	69.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	308767	10.08	ng	Qvalue 97

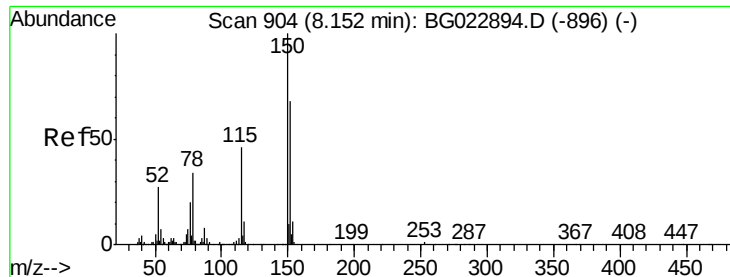
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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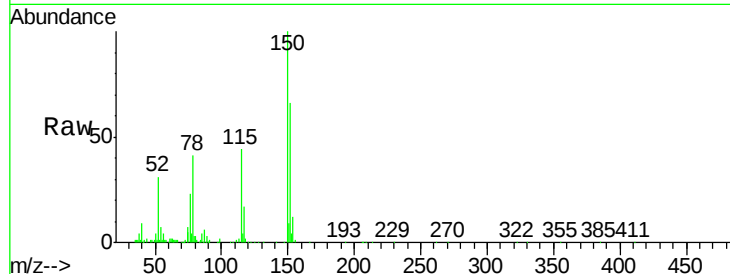


#1

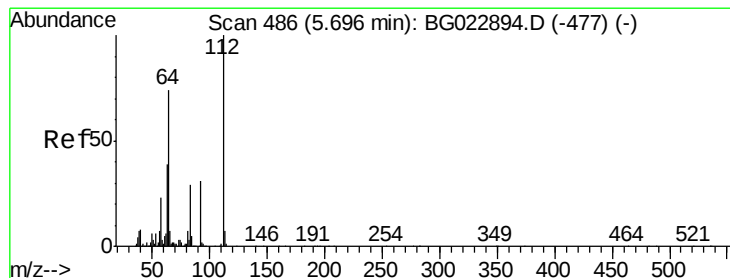
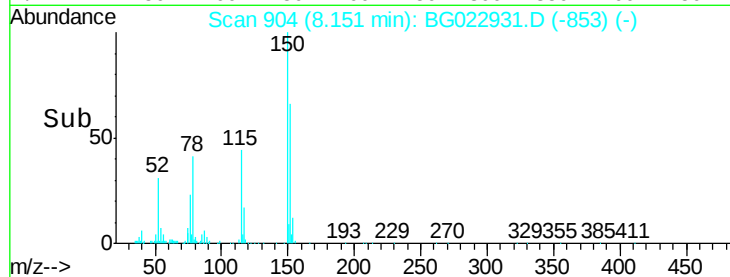
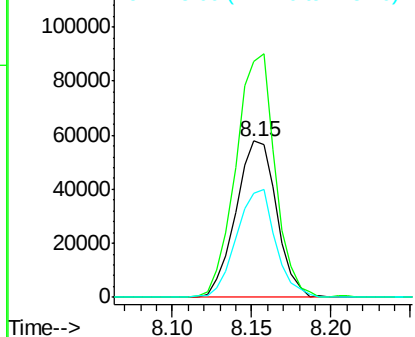
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 102918
Ion Ratio Lower Upper
152 100
150 151.5 144.7 217.1
115 66.6 64.0 96.0



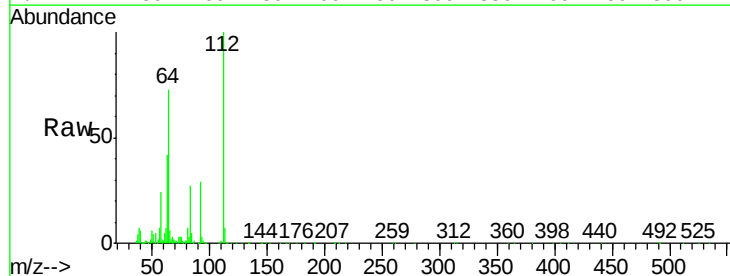
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



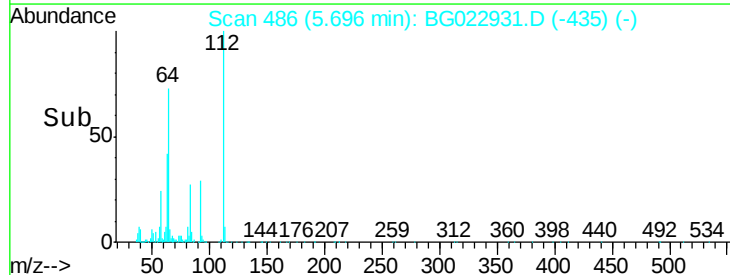
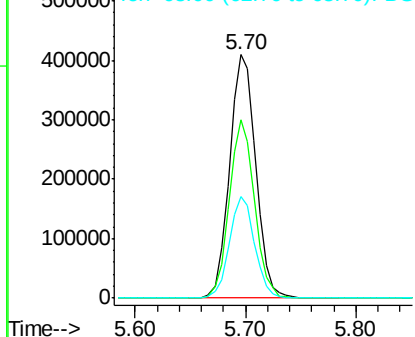
#5

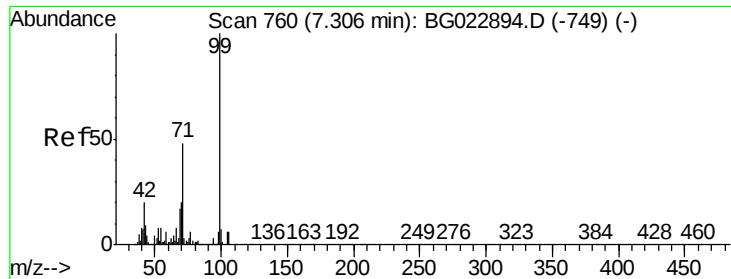
2-Fluorophenol
Concen: 108.18 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

Tgt Ion:112 Resp: 680719
Ion Ratio Lower Upper
112 100
64 73.3 59.0 88.4
63 41.5 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: 109.17 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022931.D

Acq: 8 Jul 2016 14:44

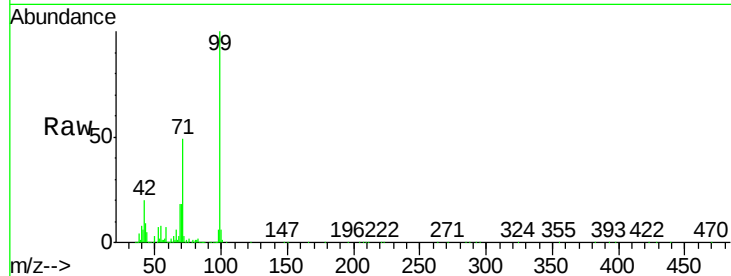
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1075971

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	48.7	41.5	62.3

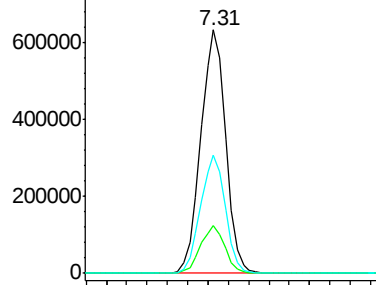


Abundance

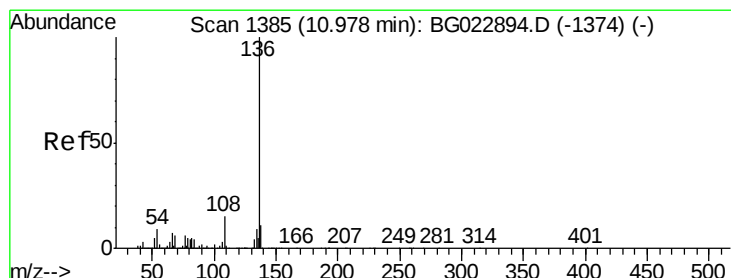
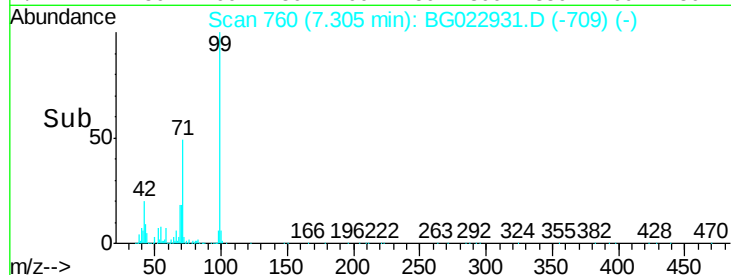
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

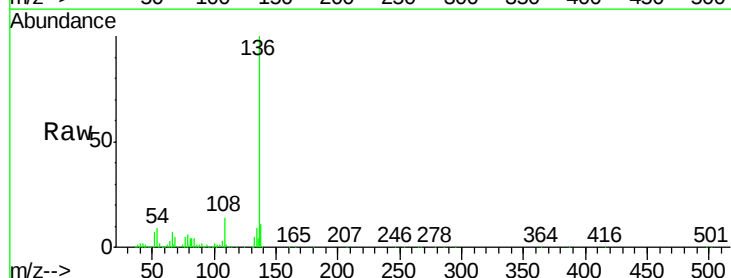
Delta R.T. -0.00 min

Lab File: BG022931.D

Acq: 8 Jul 2016 14:44

Tgt Ion: 136 Resp: 453217

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.5	7.3	10.9
68	4.7	5.3	7.9#



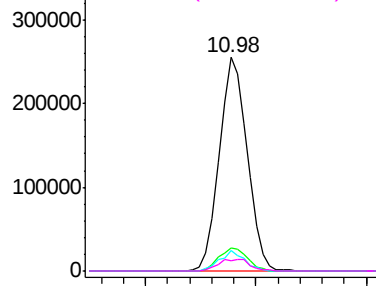
Abundance

Ion 136.00 (135.70 to 136.70): BGC

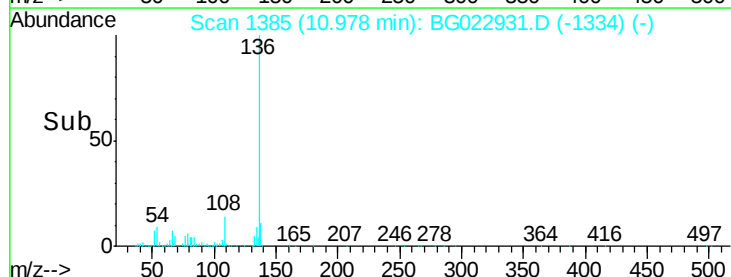
Ion 137.00 (136.70 to 137.70): BGC

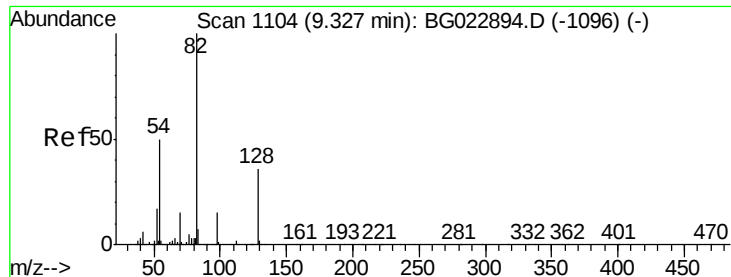
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

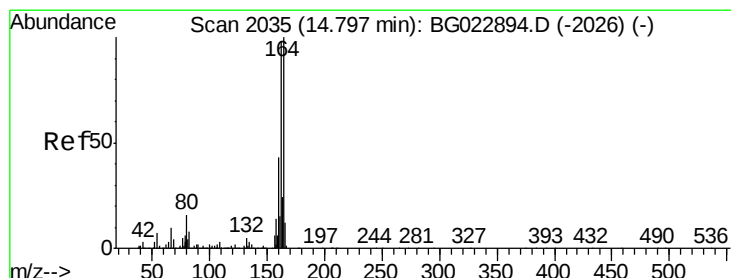
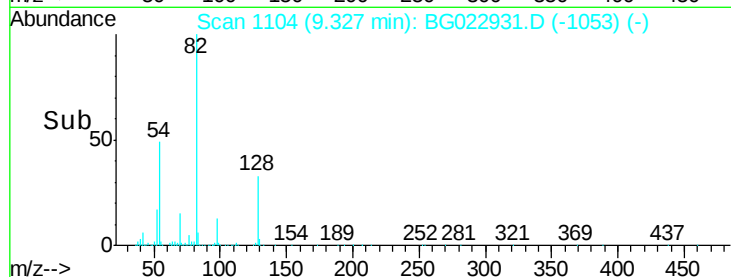
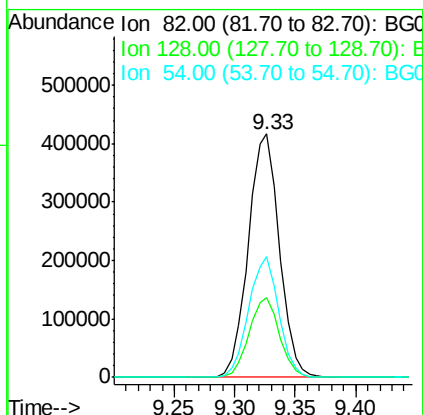
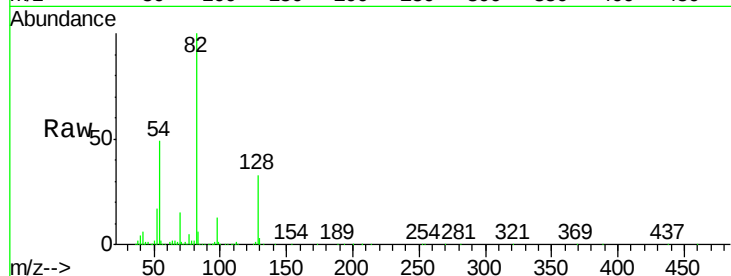




#23
 Nitrobenzene-d5
 Concen: 70.48 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

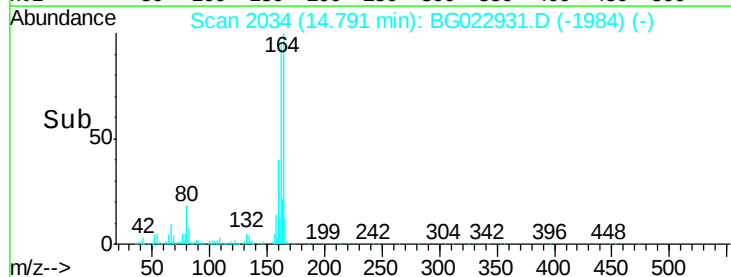
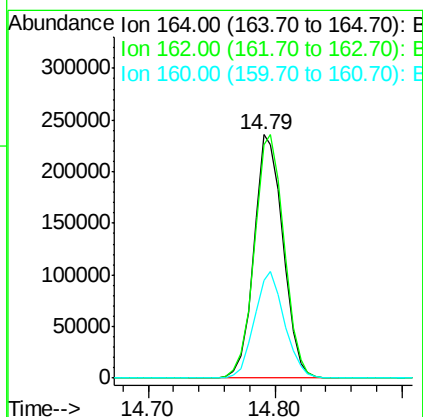
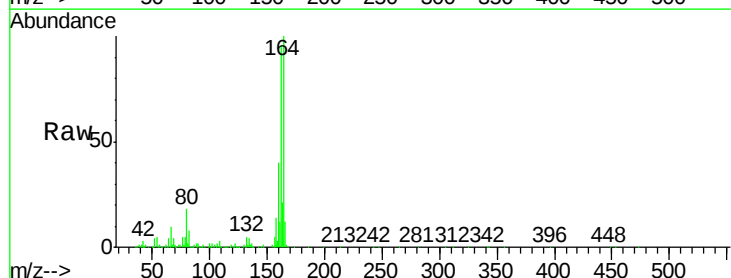
Instrument :
 BNA_G
 ClientSampled :

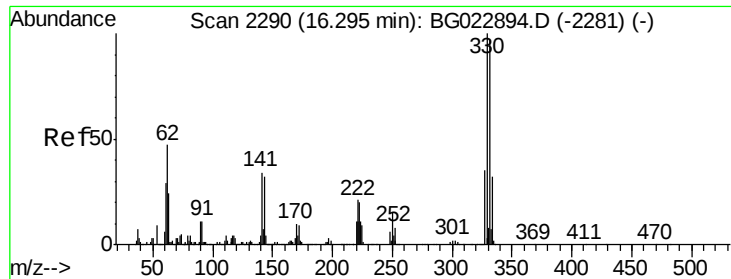
Tot Ion	82	Resp	746042
Ion Ratio	Lower	Upper	
82	100		
128	32.5	24.4	36.6
54	49.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Tgt Ion	164	Resp	375007
Ion Ratio	Lower	Upper	
164	100		
162	95.9	87.7	131.5
160	39.9	37.2	55.8

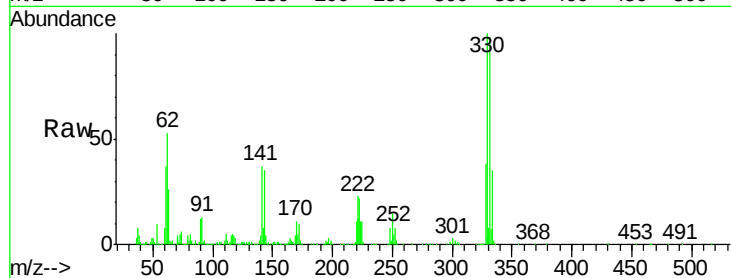




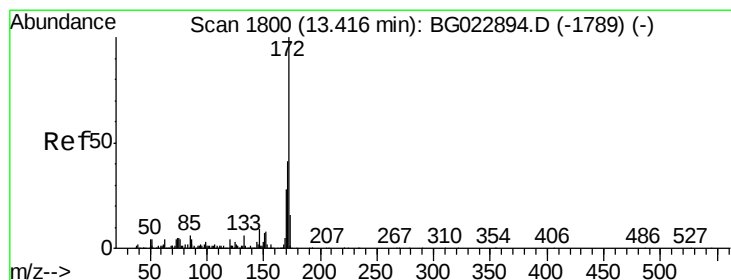
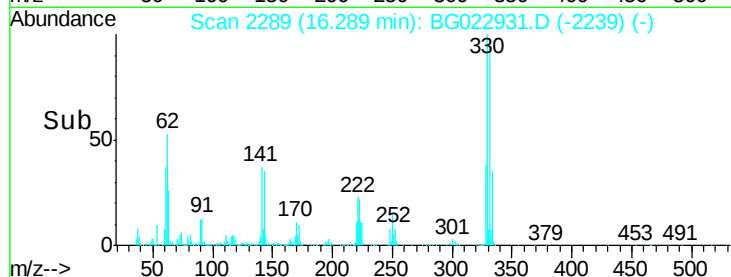
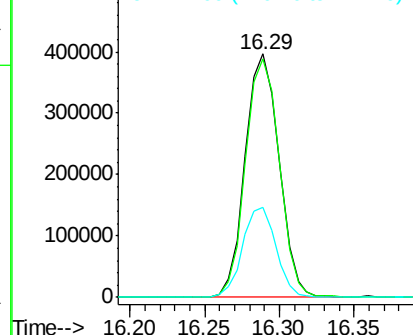
#41
 2,4,6-Tribromophenol
 Concen: 92.87 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 625900
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 36.8 31.7 47.5

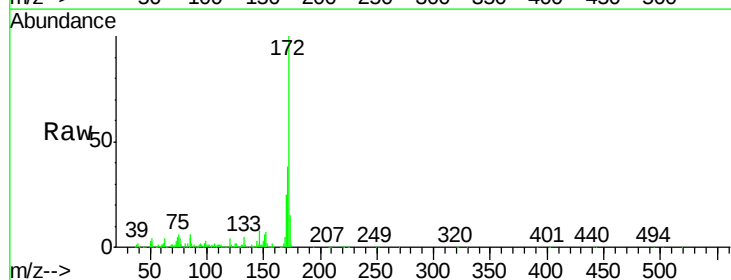


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

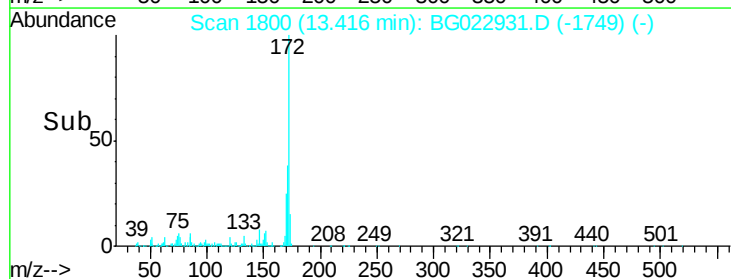
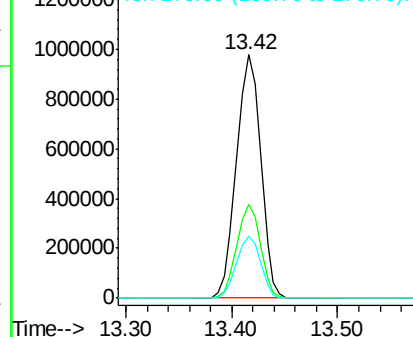


#44
 2-Fluorobiphenyl
 Concen: 65.20 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Tgt Ion:172 Resp: 1552368
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.6 47.4
 170 25.4 21.3 31.9



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

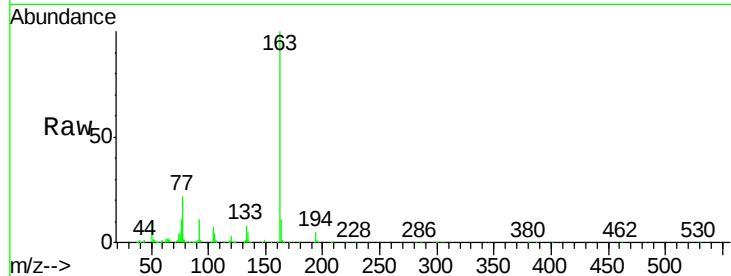




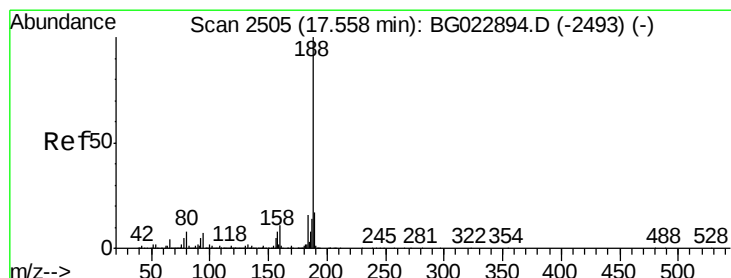
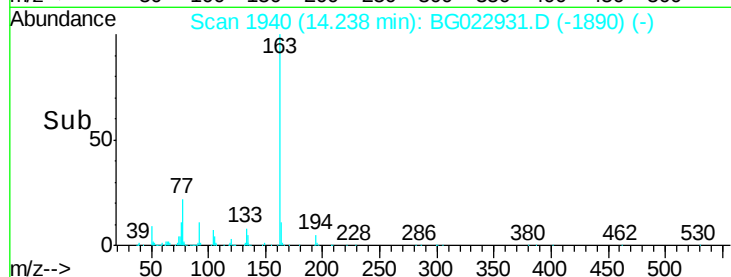
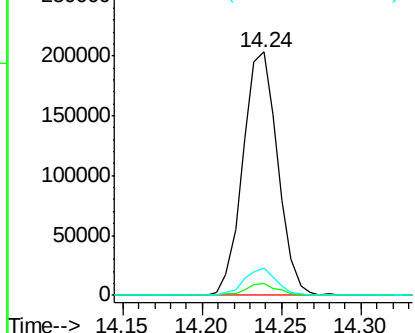
#49
Dimethylphthalate
Concen: 10.08 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 308767
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 11.3 8.1 12.1

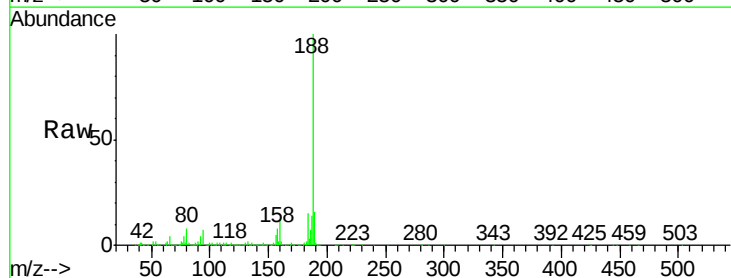


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

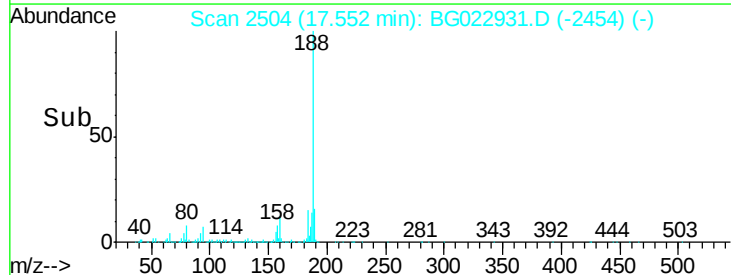
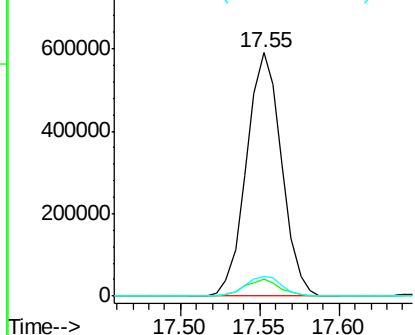


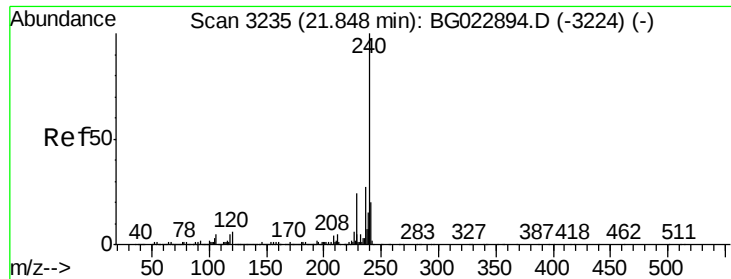
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

Tgt Ion:188 Resp: 906143
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.3 7.2 10.8



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: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022931.D

Acq: 8 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

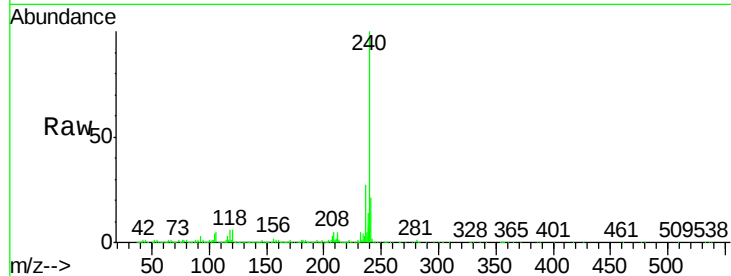
Tot Ion:240 Resp: 1034741

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

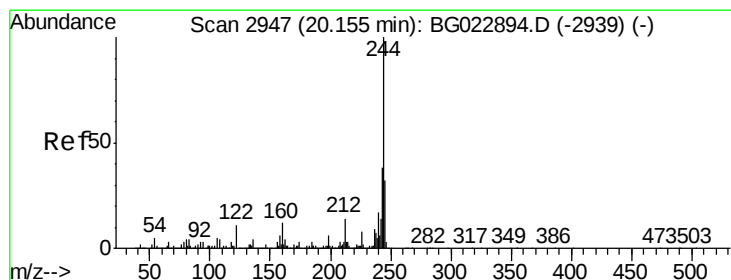
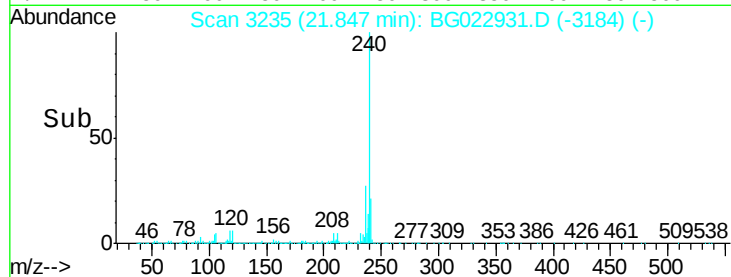
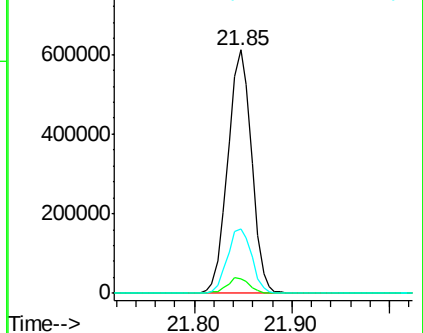
236 26.6 21.1 31.7



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: 69.06 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022931.D

Acq: 8 Jul 2016 14:44

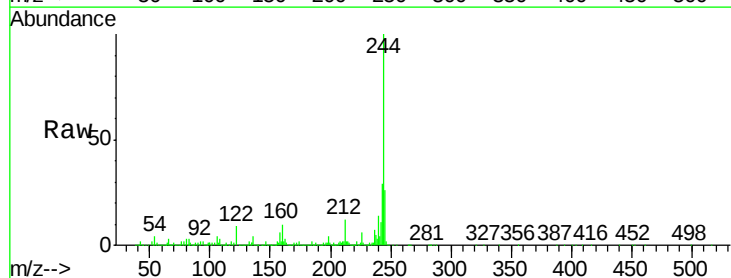
Tgt Ion:244 Resp: 2421384

Ion Ratio Lower Upper

244 100

212 11.8 10.8 16.2

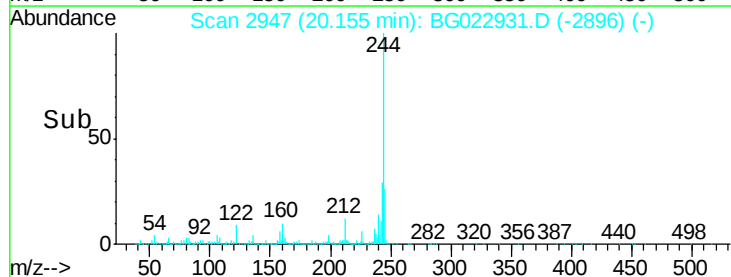
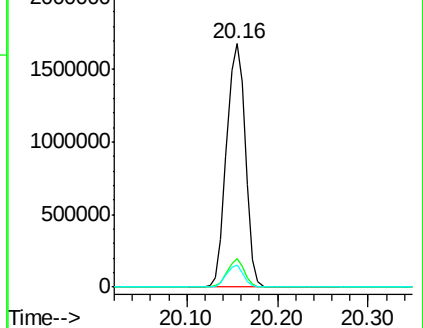
122 9.3 8.0 12.0

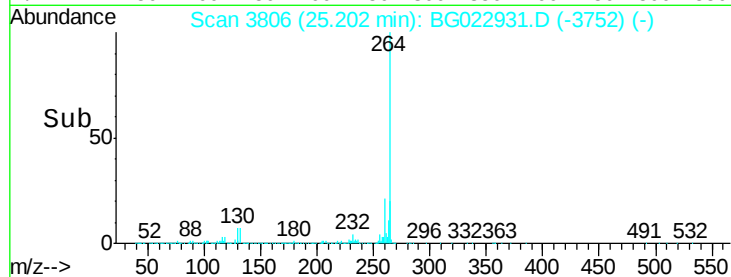
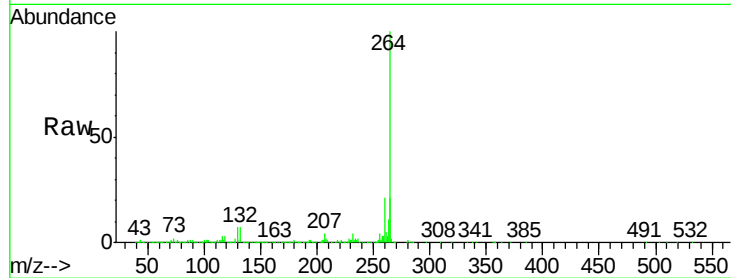
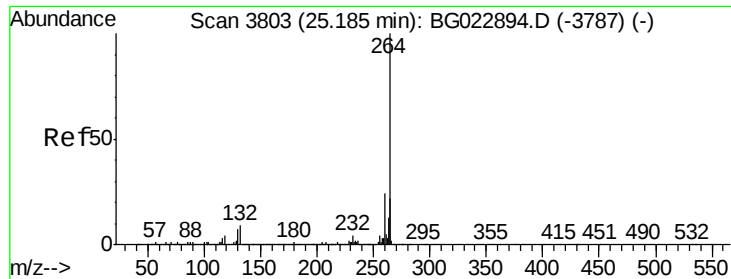


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3806
 Delta R.T. 0.02 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.4	27.6
265	20.5	18.9	28.3

