

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022948.D
 Acq On : 9 Jul 2016 2:45
 Operator : UM/SJ
 Sample : H3900-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4

Quant Time: Jul 09 05:31:19 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

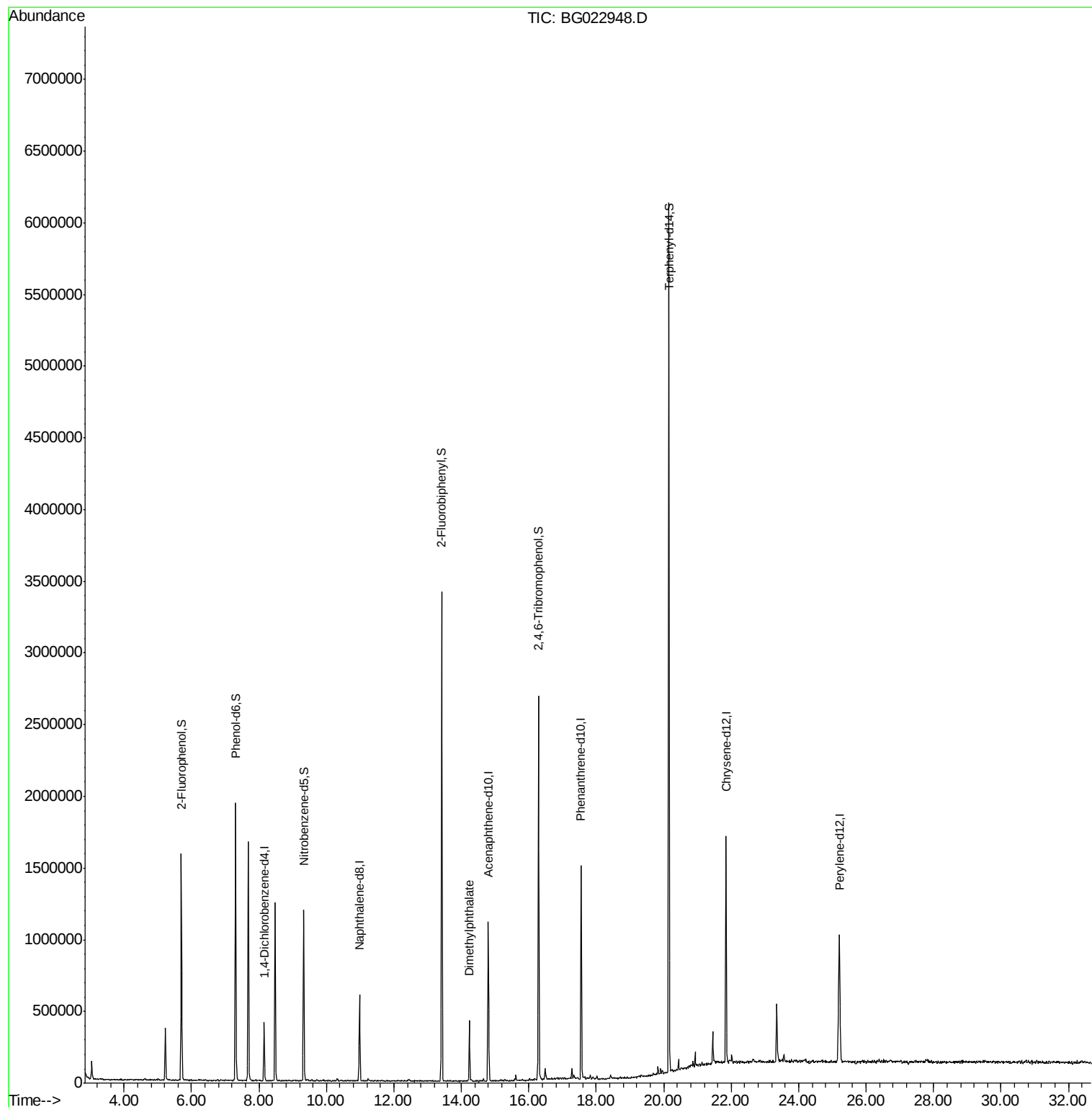
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	102430	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	486377	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	385997	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	908052	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1017937	20.00	ng	0.00
86) Perylene-d12	25.21	264	1023536	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	639034	102.04	ng	0.00
7) Phenol-d6	7.31	99	1071718	109.26	ng	0.00
23) Nitrobenzene-d5	9.32	82	768021	67.61	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	511227	73.69	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1670248	68.16	ng	0.00
78) Terphenyl-d14	20.15	244	2455016	72.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	263408	8.35	ng	Qvalue 97

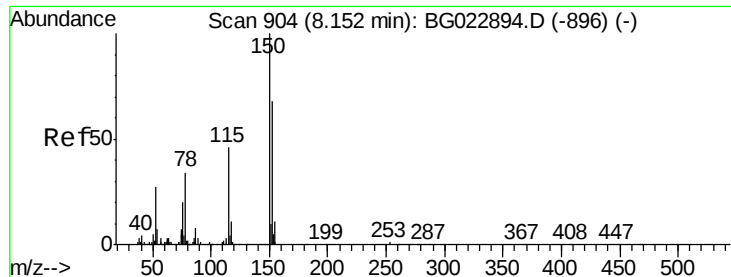
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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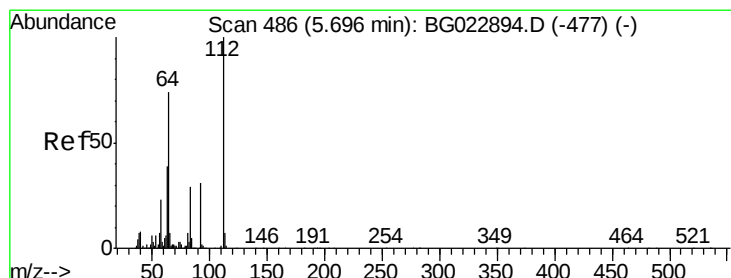
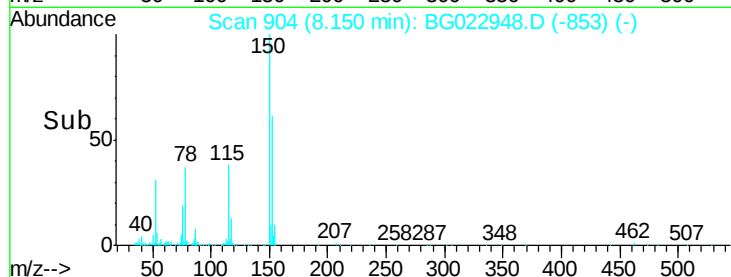
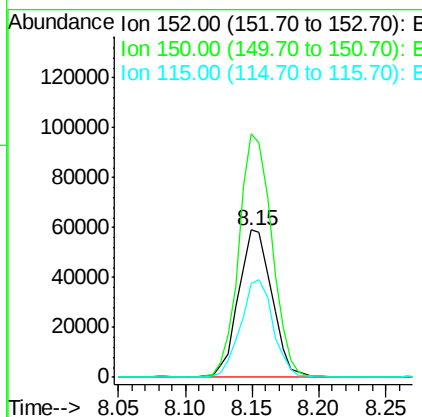
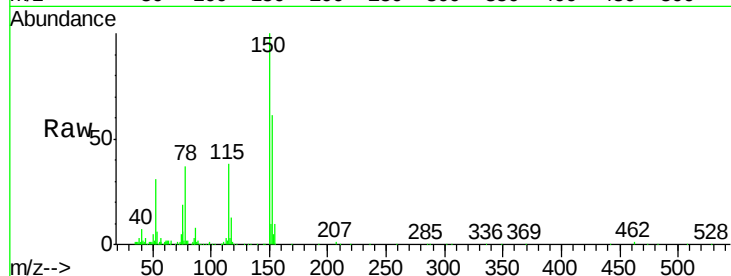


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022948.D
Acq: 9 Jul 2016 2:45

Instrument :
BNA_G
ClientSampleId :
B-4

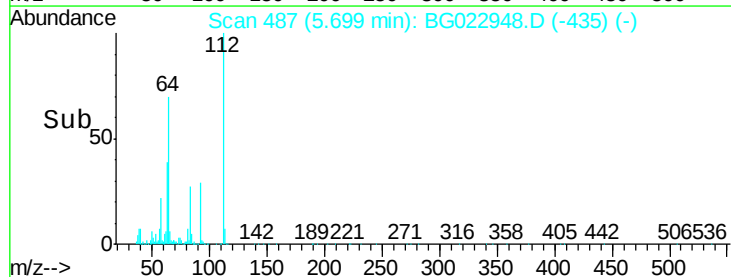
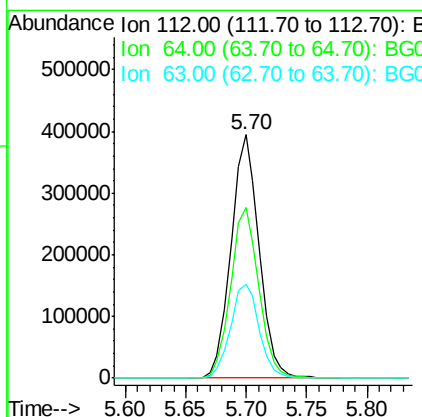
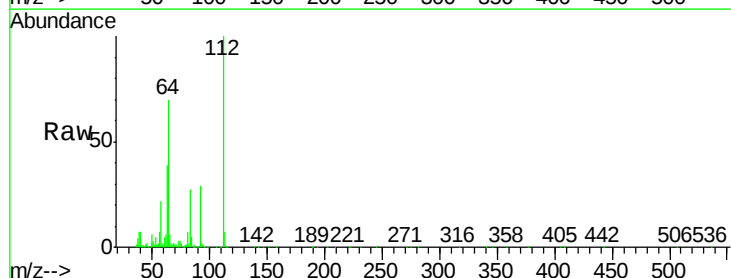
Tot Ion:152 Resp: 102430
Ion Ratio Lower Upper
152 100
150 165.0 144.7 217.1
115 63.5 64.0 96.0#

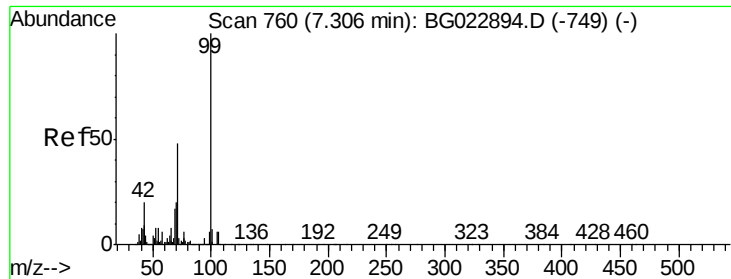


#5

2-Fluorophenol
Concen: 102.04 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022948.D
Acq: 9 Jul 2016 2:45

Tgt Ion:112 Resp: 639034
Ion Ratio Lower Upper
112 100
64 70.2 59.0 88.4
63 38.7 37.8 56.8





#7

Phenol-d6

Concen: 109.26 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022948.D

Acq: 9 Jul 2016 2:45

Instrument :

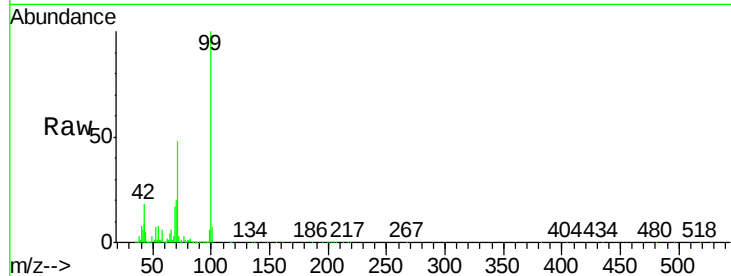
BNA_G

ClientSampleId :

B-4

Tot Ion: 99 Resp: 1071718

Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.8	26.6
71	48.4	41.5	62.3

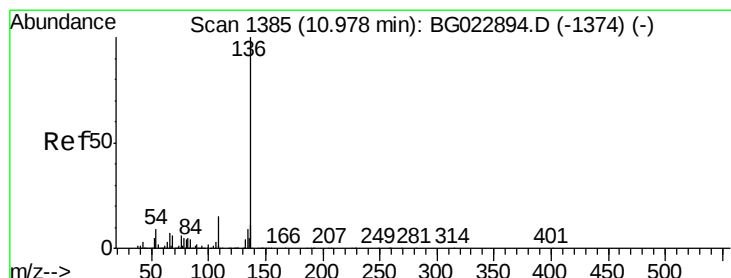
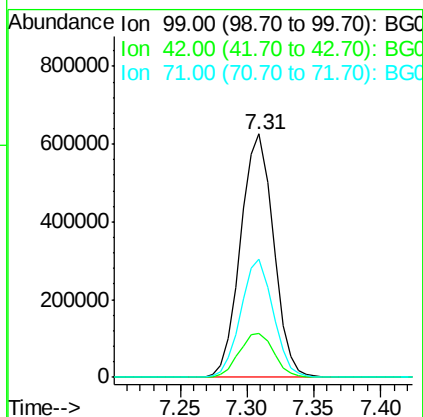
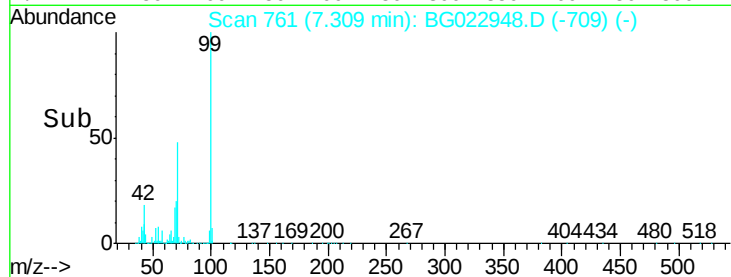


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

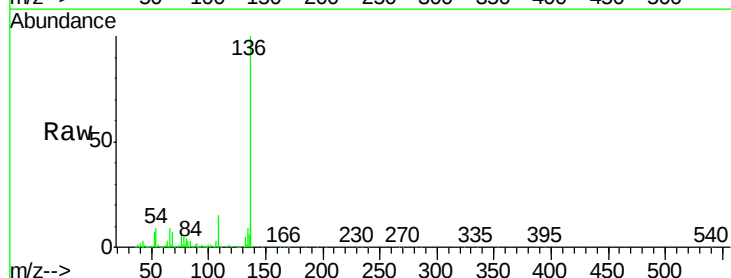
Delta R.T. 0.00 min

Lab File: BG022948.D

Acq: 9 Jul 2016 2:45

Tgt Ion: 136 Resp: 486377

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.2	7.3	10.9
68	7.1	5.3	7.9



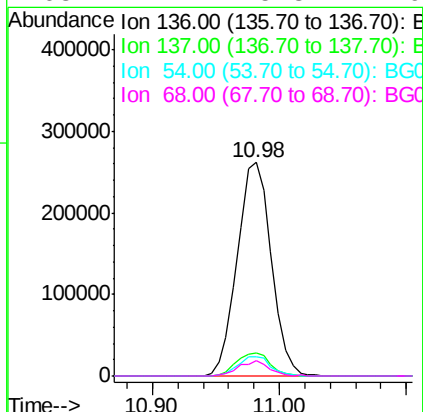
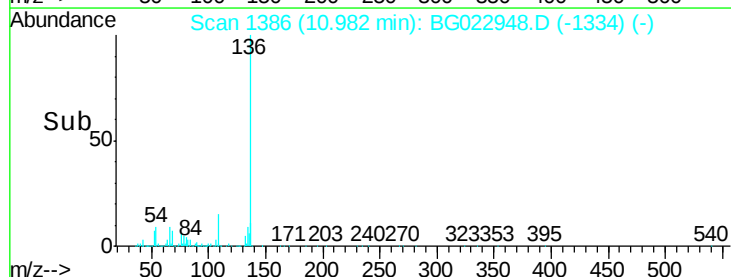
Abundance

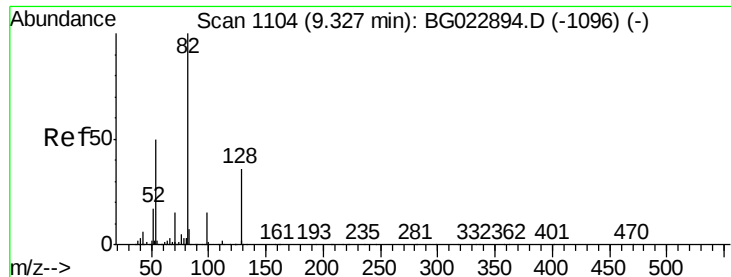
Ion 136.00 (135.70 to 136.70): BGC

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: 67.61 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022948.D

Acq: 9 Jul 2016 2:45

Instrument :

BNA_G

ClientSampleId :

B-4

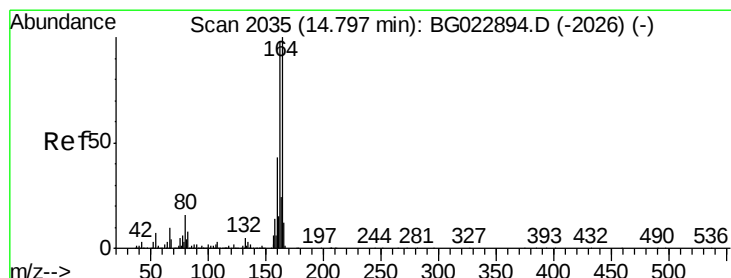
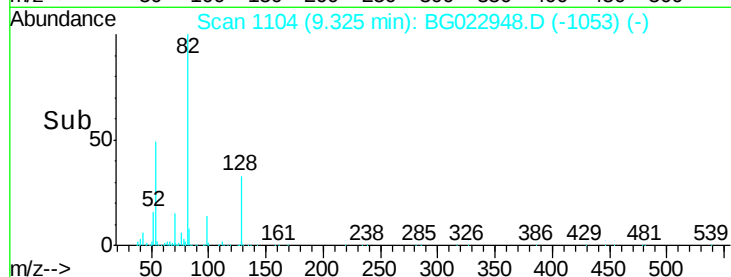
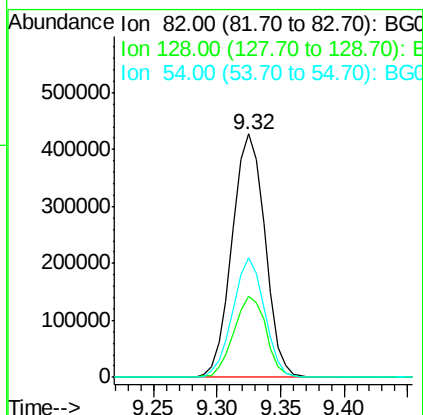
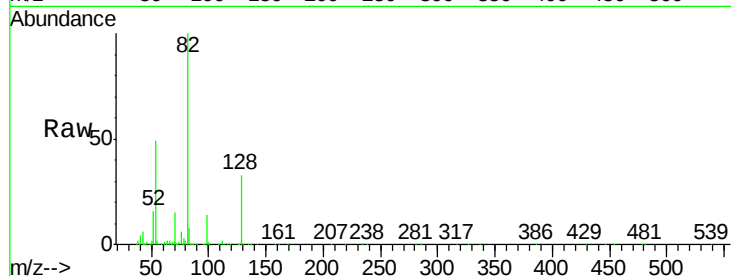
Tot Ion: 82 Resp: 768021

Ion Ratio Lower Upper

82 100

128 33.5 24.4 36.6

54 48.8 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: BG022948.D

Acq: 9 Jul 2016 2:45

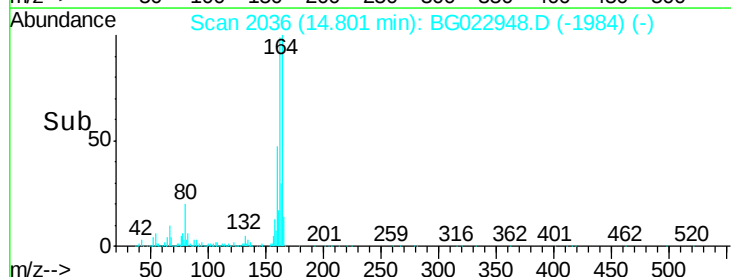
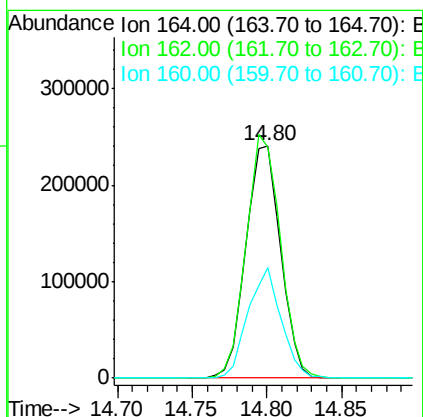
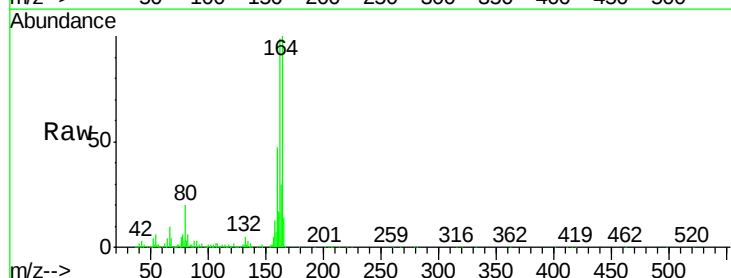
Tgt Ion: 164 Resp: 385997

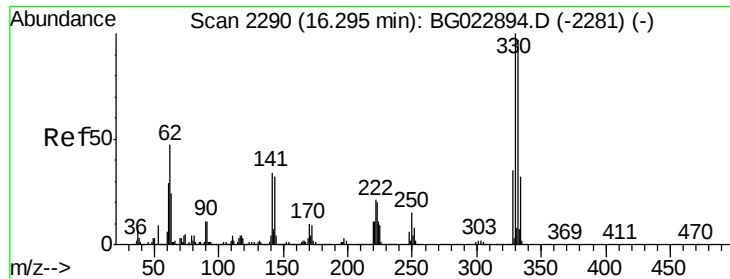
Ion Ratio Lower Upper

164 100

162 99.2 87.7 131.5

160 47.5 37.2 55.8

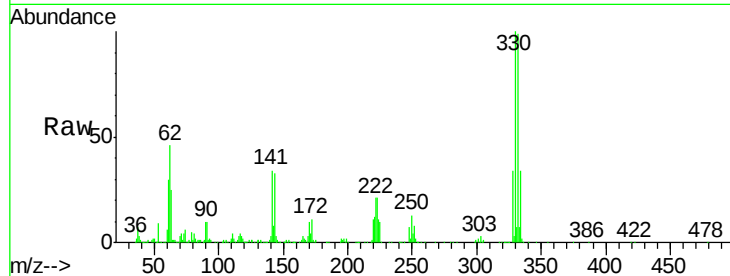




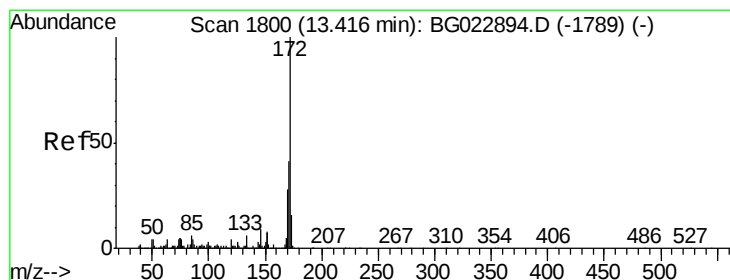
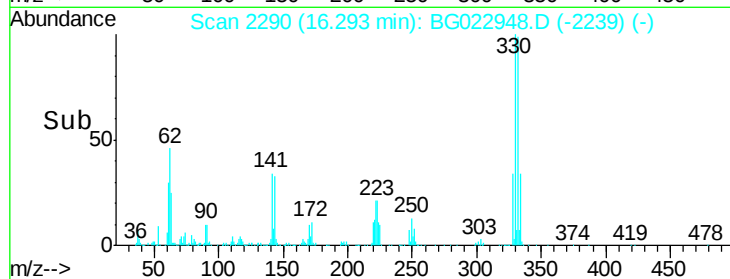
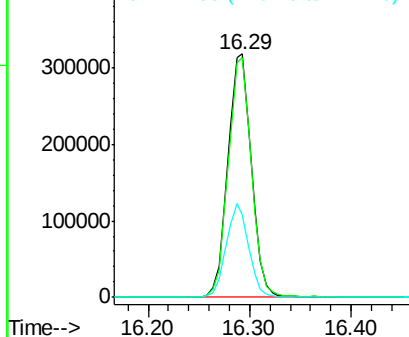
#41
 2,4,6-Tribromophenol
 Concen: 73.69 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022948.D
 Acq: 9 Jul 2016 2:45

Instrument :
 BNA_G
 ClientSampleId :
 B-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	36.7	31.7	47.5

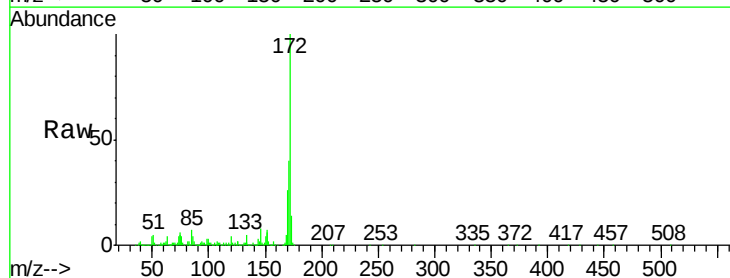


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

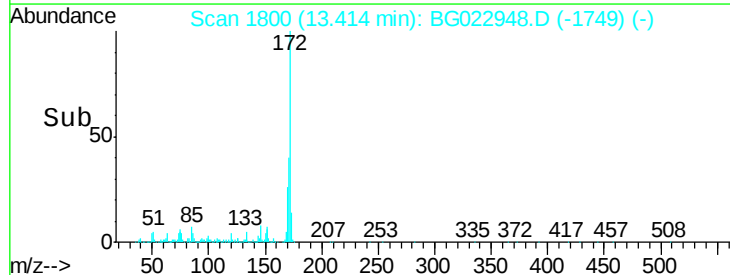
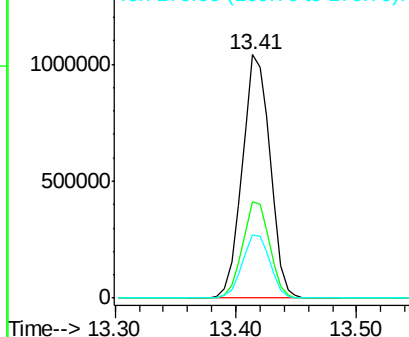


#44
 2-Fluorobiphenyl
 Concen: 68.16 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022948.D
 Acq: 9 Jul 2016 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.6	47.4
170	26.1	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: 8.35 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022948.D

Acq: 9 Jul 2016 2:45

Instrument :

BNA_G

ClientSampleId :

B-4

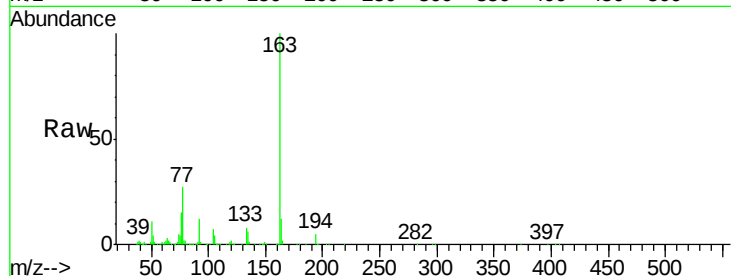
Tot Ion:163 Resp: 263408

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

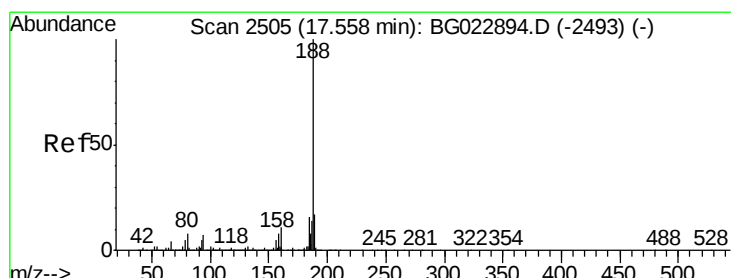
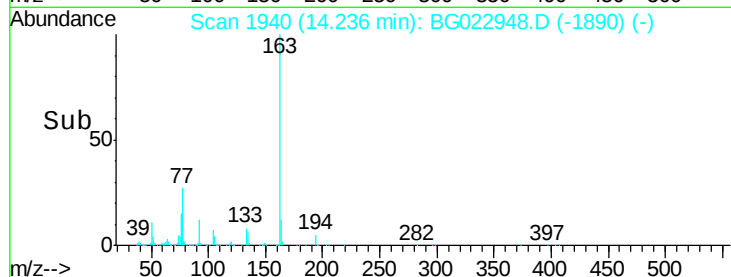
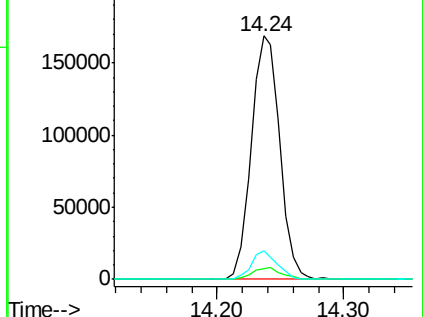
164 11.9 8.1 12.1



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: BG022948.D

Acq: 9 Jul 2016 2:45

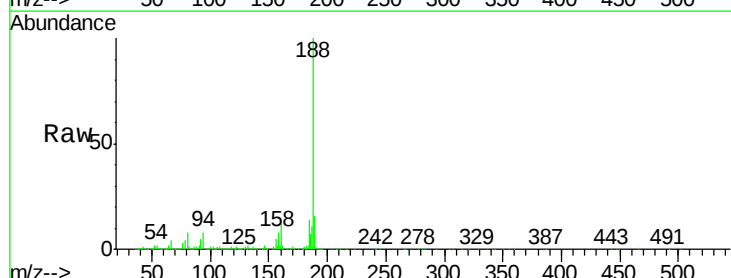
Tgt Ion:188 Resp: 908052

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

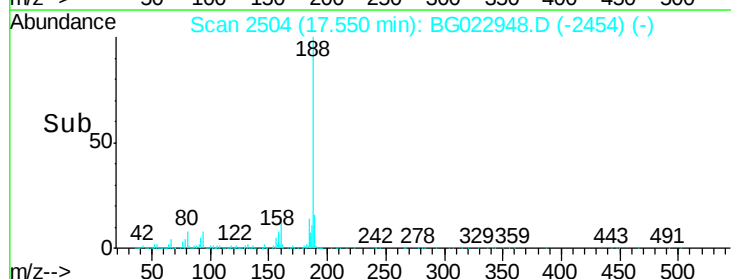
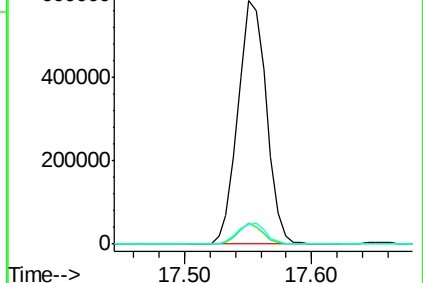
80 8.2 7.2 10.8

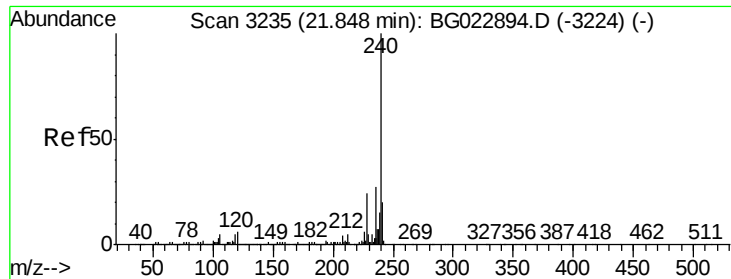


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

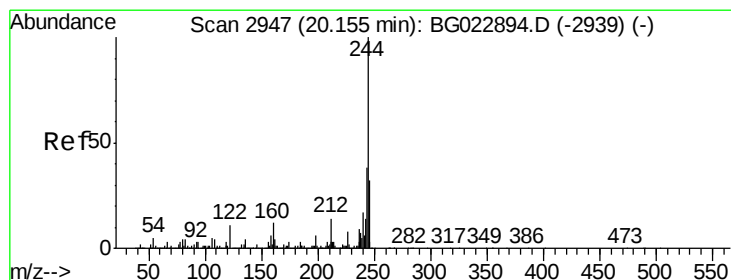
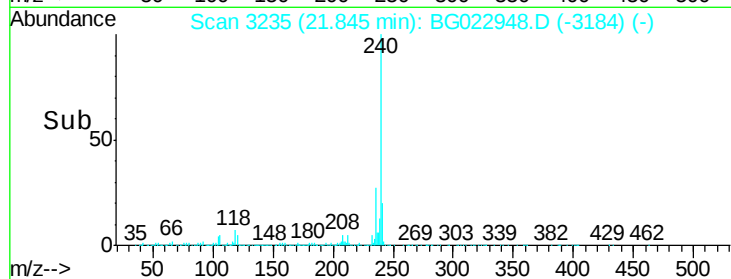
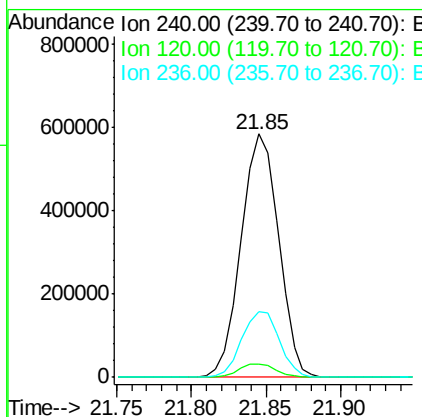
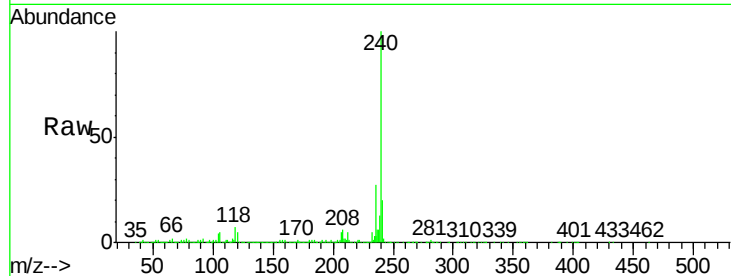




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022948.D
 Acq: 9 Jul 2016 2:45

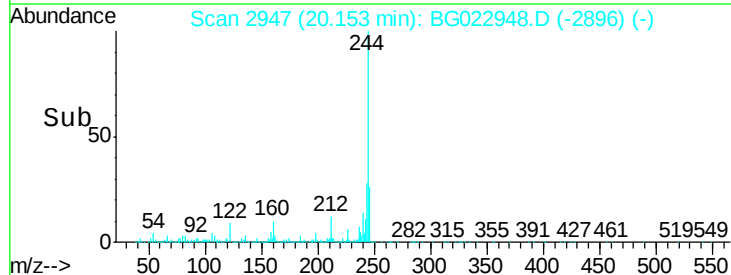
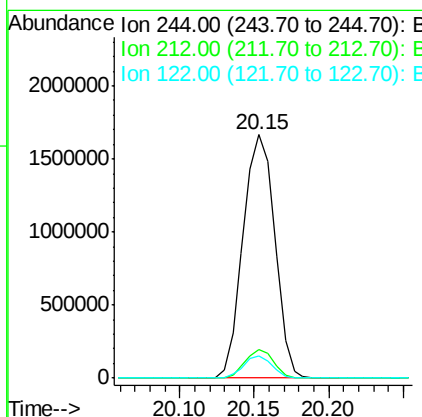
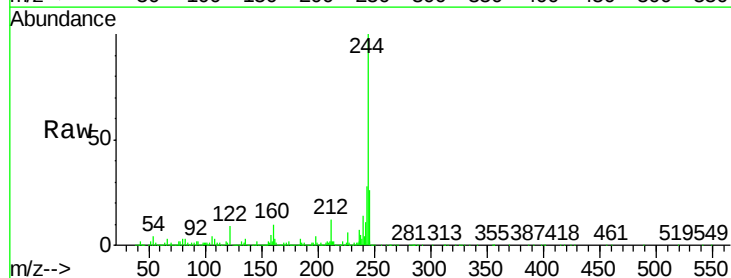
Instrument :
 BNA_G
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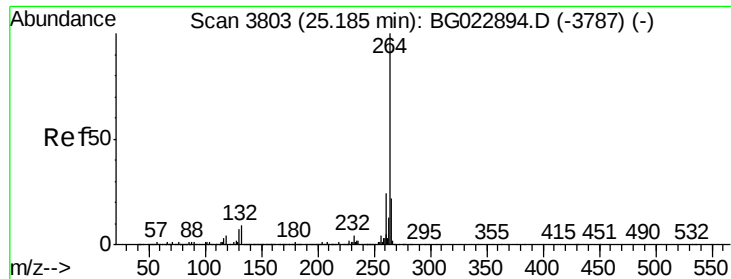
Tot Ion:240 Resp: 1017937
 Ion Ratio Lower Upper
 240 100
 120 5.3 4.1 6.1
 236 27.0 21.1 31.7



#78
 Terphenyl-d14
 Concen: 72.21 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022948.D
 Acq: 9 Jul 2016 2:45

Tgt Ion:244 Resp: 2455016
 Ion Ratio Lower Upper
 244 100
 212 12.0 10.8 16.2
 122 8.9 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. 0.02 min
 Lab File: BG022948.D
 Acq: 9 Jul 2016 2:45

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:264 Resp: 1023536

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.8	18.9	28.3

