

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023064.D
 Acq On : 13 Jul 2016 10:08
 Operator : UM/SJ
 Sample : H3936-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3(5-6)

Quant Time: Jul 13 13:37:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

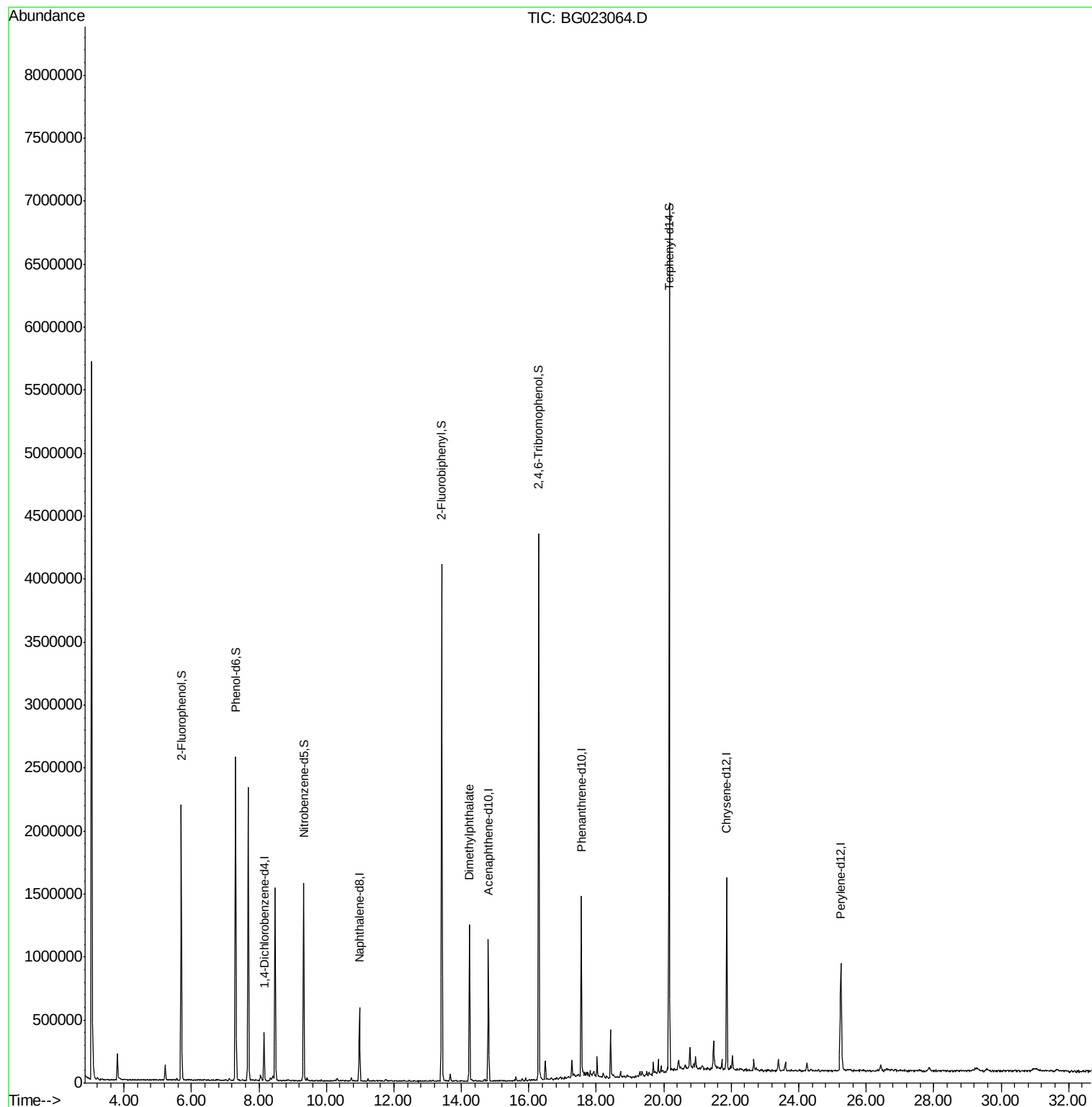
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	93606	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	460417	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	383794	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	867790	20.00	ng	0.00
75) Chrysene-d12	21.87	240	942703	20.00	ng	0.02
86) Perylene-d12	25.25	264	981789	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	851607	148.79	ng	0.00
7) Phenol-d6	7.31	99	1414174	157.76	ng	0.00
23) Nitrobenzene-d5	9.33	82	1030438	95.83	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	790923	114.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2007775	82.40	ng	0.00
78) Terphenyl-d14	20.16	244	2624775	90.51	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	759329	24.22	ng	99

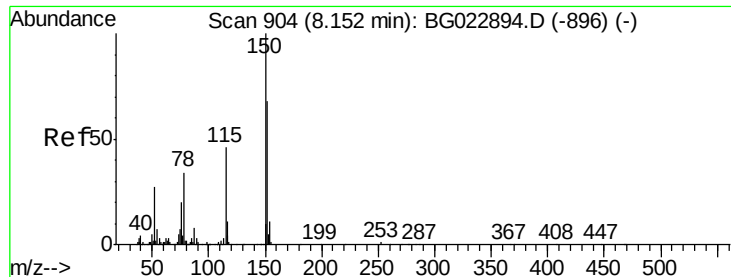
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

BNA_G

ClientSampleId :

SB-3(5-6)

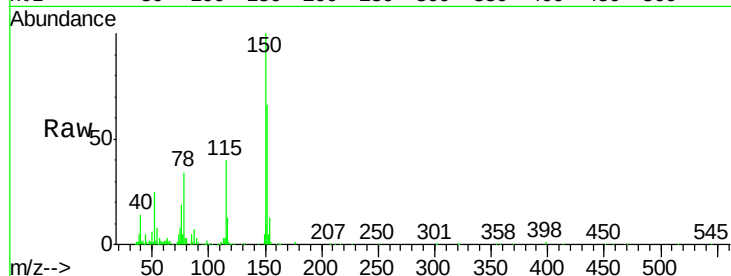
Tot Ion:152 Resp: 93606

Ion Ratio Lower Upper

152 100

150 151.4 144.7 217.1

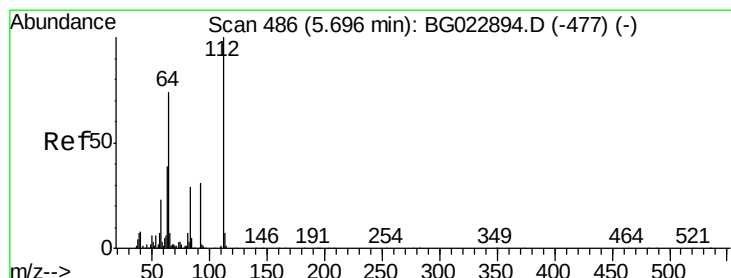
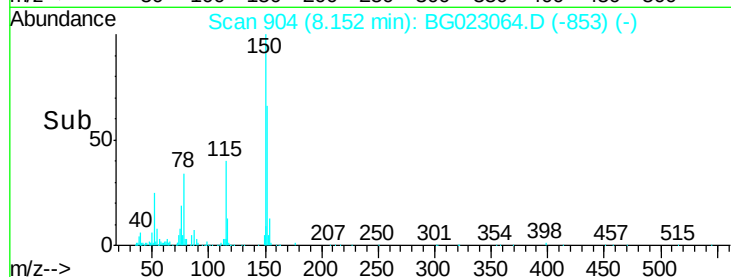
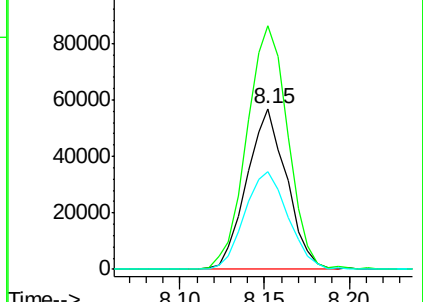
115 60.7 64.0 96.0#



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: 148.79 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

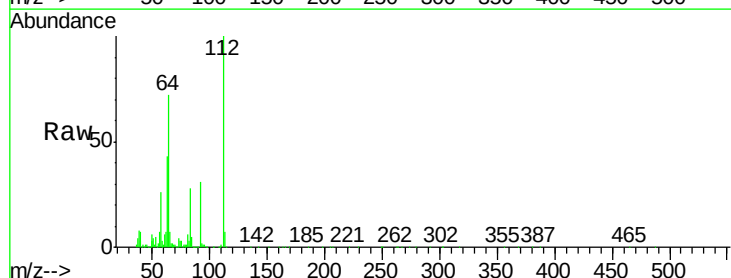
Tgt Ion:112 Resp: 851607

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

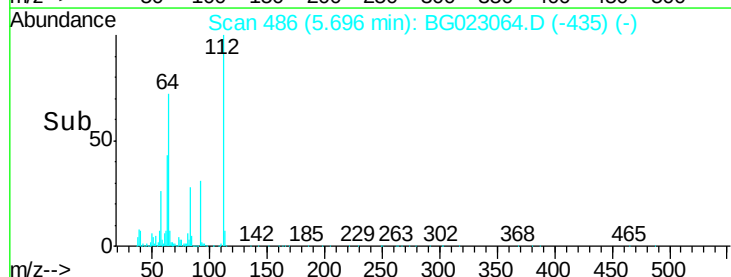
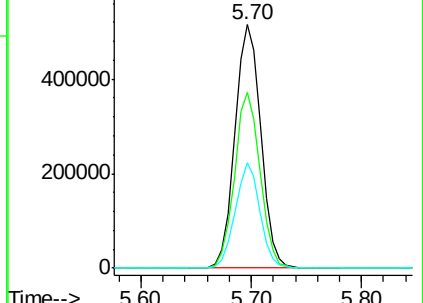
63 43.2 37.8 56.8

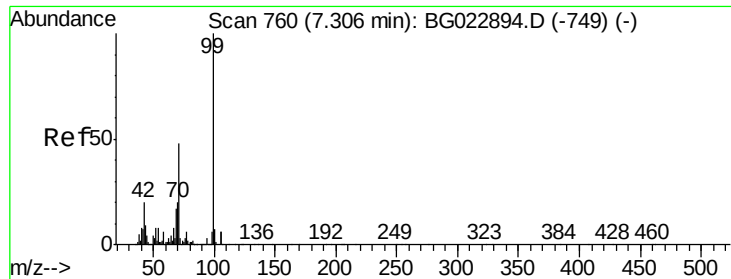


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 157.76 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

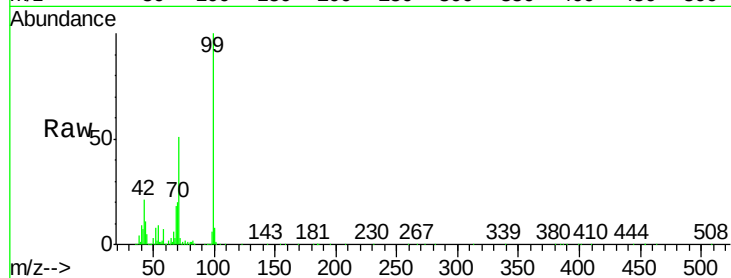
BNA_G

ClientSampleId :

SB-3(5-6)

Tot Ion: 99 Resp: 1414174

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.8	26.6
71	51.1	41.5	62.3

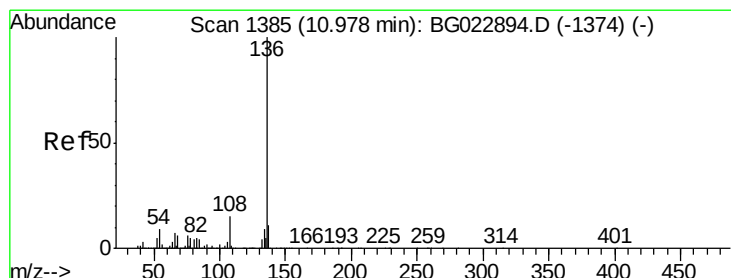
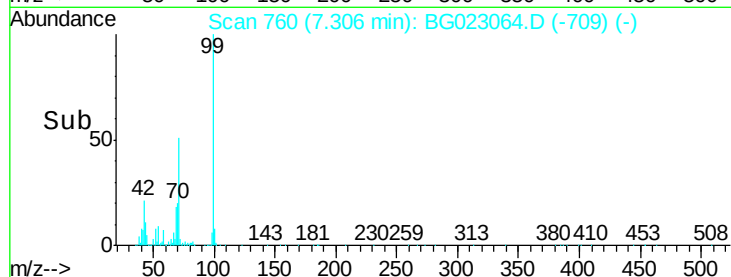
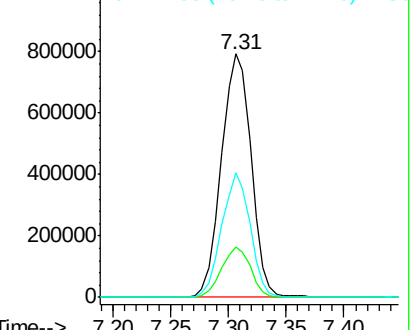


Abundance

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# 1385

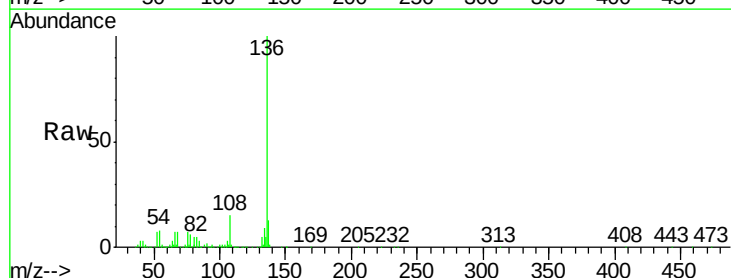
Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Tgt Ion: 136 Resp: 460417

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	8.1	7.3	10.9
68	6.9	5.3	7.9



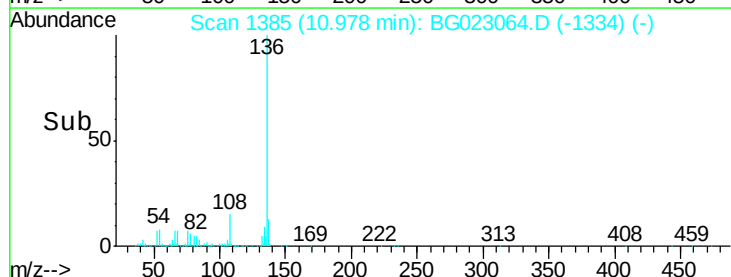
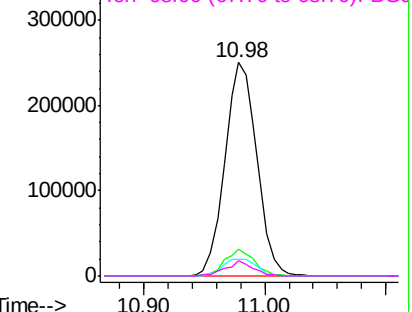
Abundance

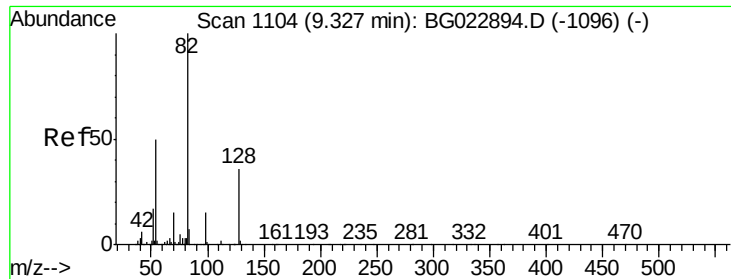
Ion 136.00 (135.70 to 136.70): BGC

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

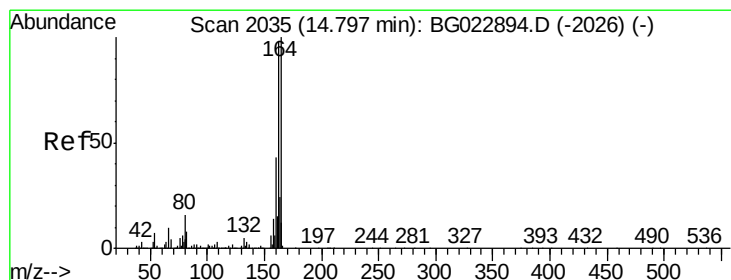
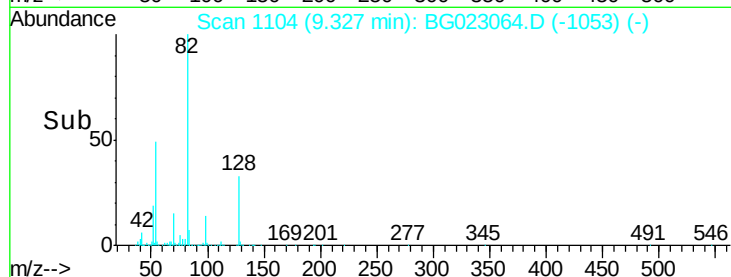
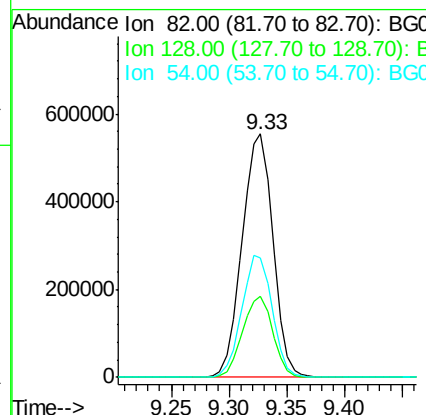
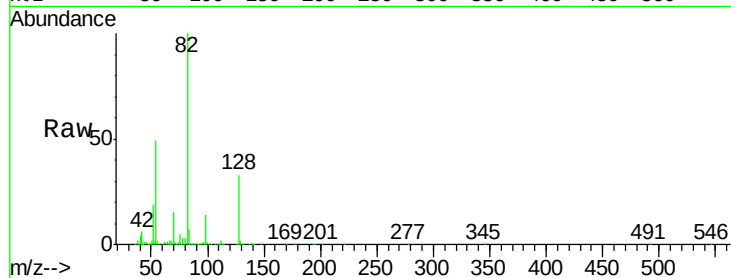




#23
 Nitrobenzene-d5
 Concen: 95.83 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023064.D
 Acq: 13 Jul 2016 10:08

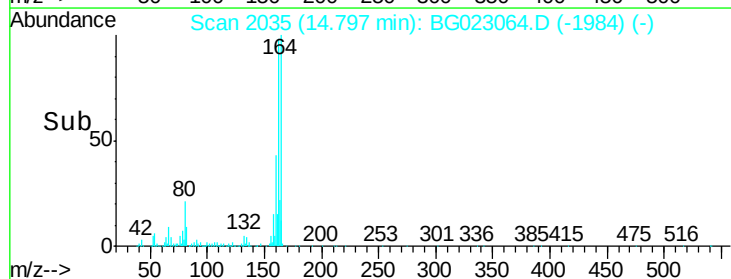
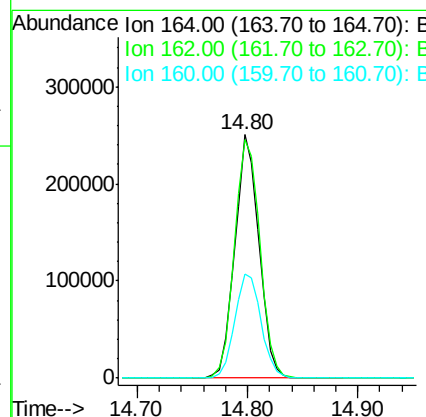
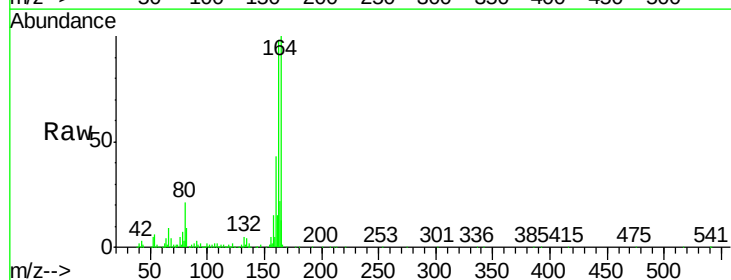
Instrument :
 BNA_G
 ClientSampleId :
 SB-3(5-6)

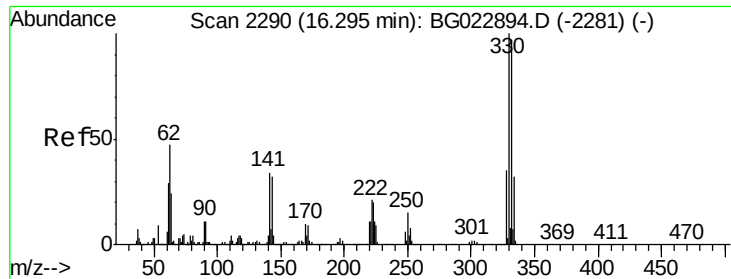
Tot Ion: 82 Resp: 1030438
 Ion Ratio Lower Upper
 82 100
 128 33.4 24.4 36.6
 54 49.3 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023064.D
 Acq: 13 Jul 2016 10:08

Tgt Ion: 164 Resp: 383794
 Ion Ratio Lower Upper
 164 100
 162 98.0 87.7 131.5
 160 42.9 37.2 55.8

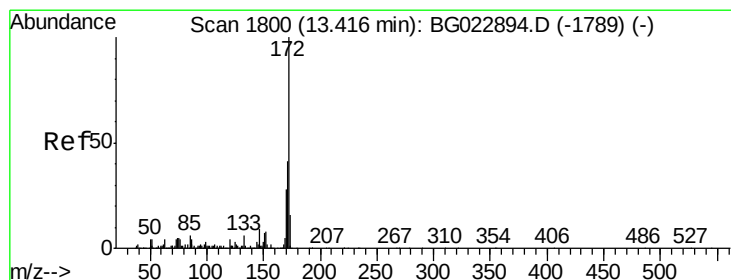
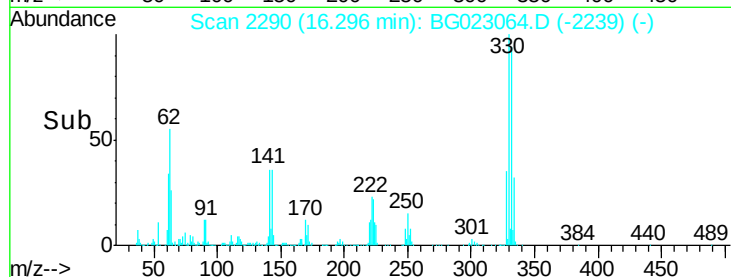
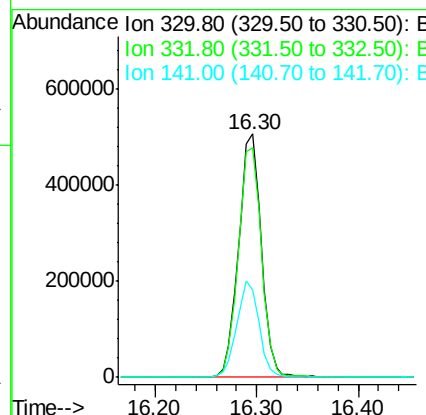
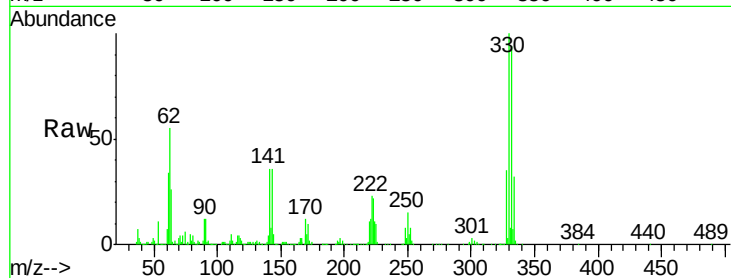




#41
 2,4,6-Tribromophenol
 Concen: 114.66 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG023064.D
 Acq: 13 Jul 2016 10:08

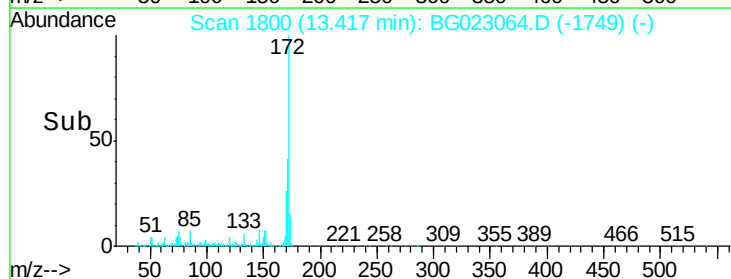
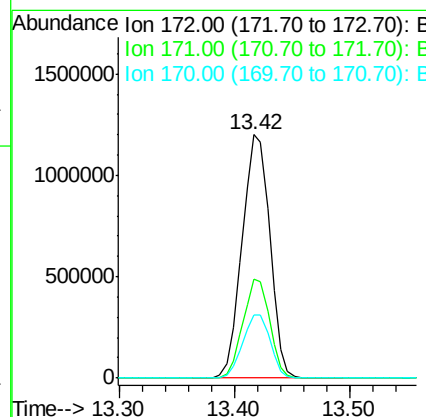
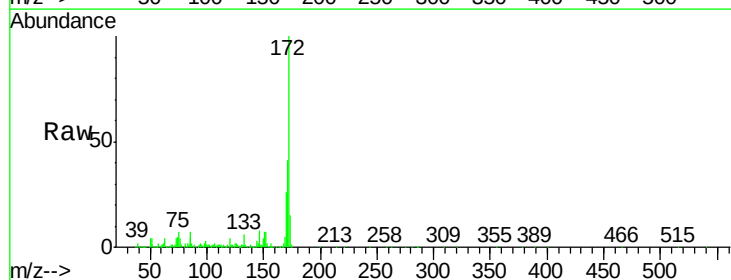
Instrument :
 BNA_G
 ClientSampleId :
 SB-3(5-6)

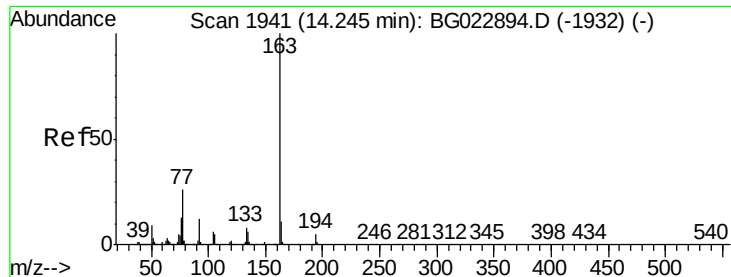
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	38.7	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 82.40 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023064.D
 Acq: 13 Jul 2016 10:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.6	47.4
170	26.1	21.3	31.9

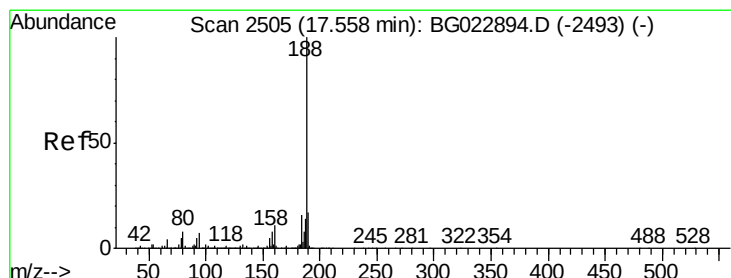
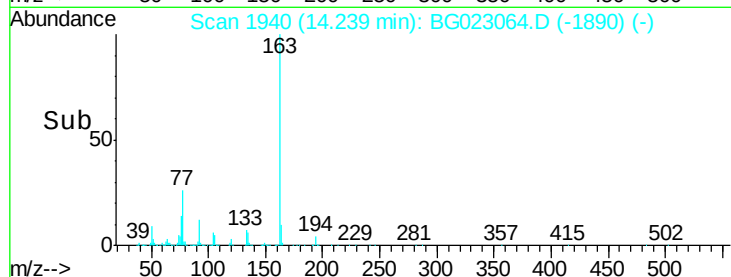
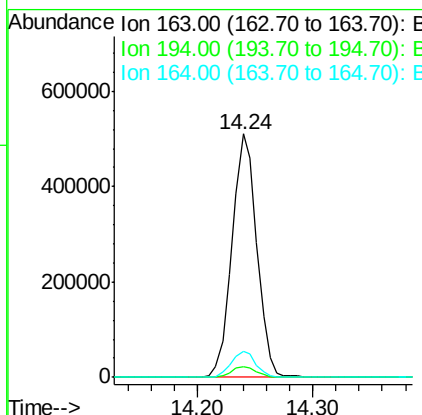
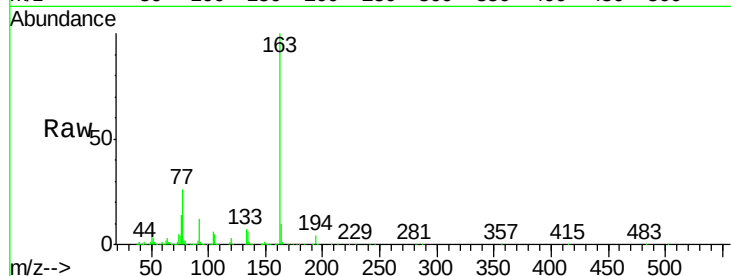




#49
Dimethylphthalate
Concen: 24.22 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

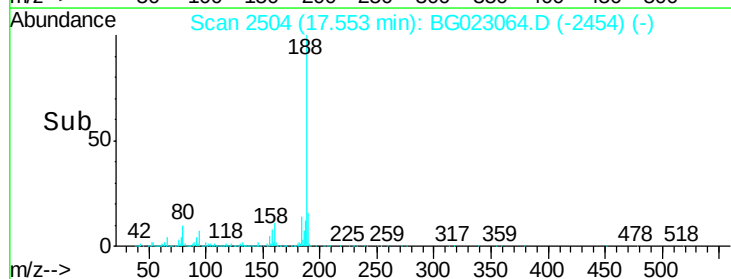
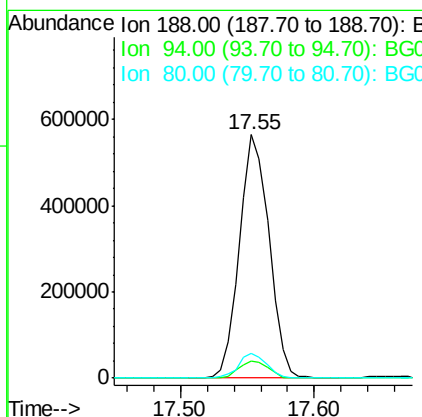
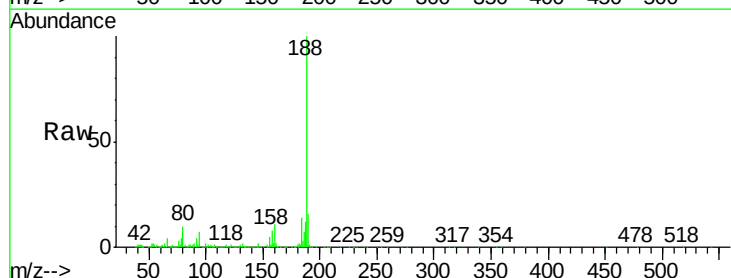
Instrument :
BNA_G
ClientSampleId :
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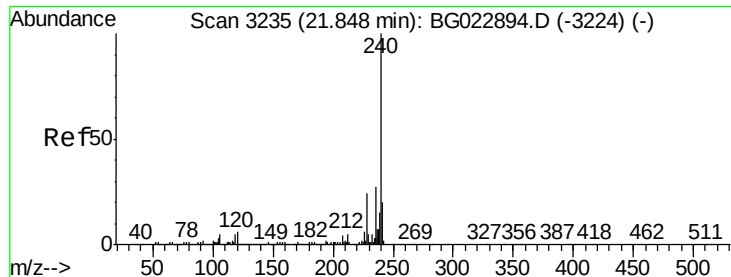
Tot Ion	163	Resp	759329
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.4	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

Tgt Ion	188	Resp	867790
Ion Ratio	Lower	Upper	
188	100		
94	6.9	5.2	7.8
80	9.9	7.2	10.8

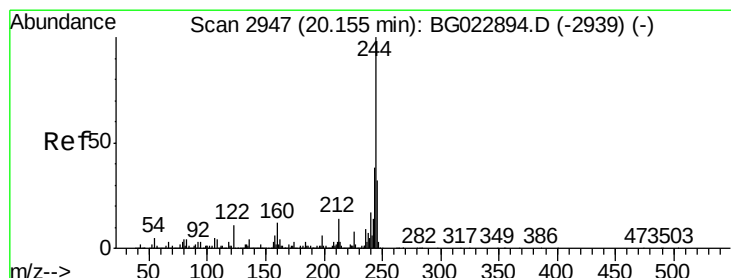
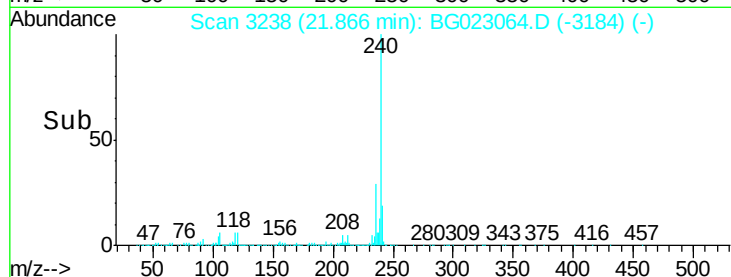
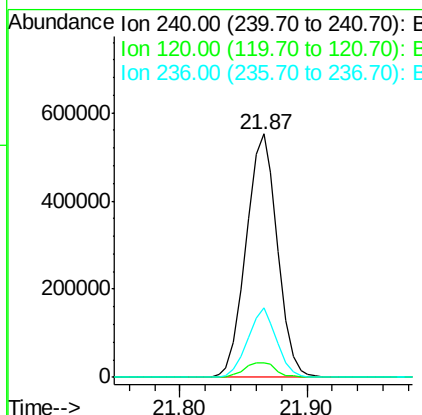
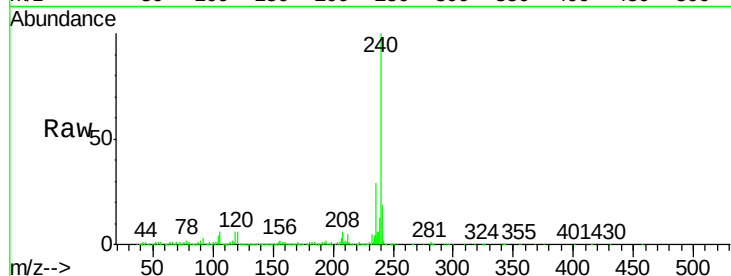




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

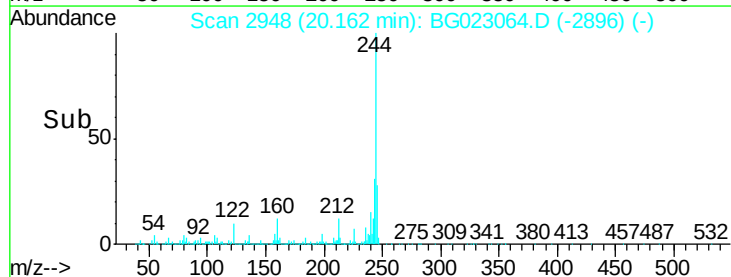
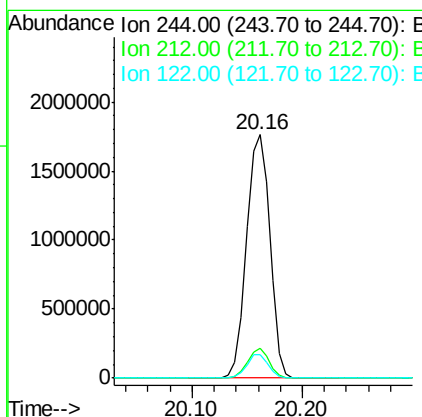
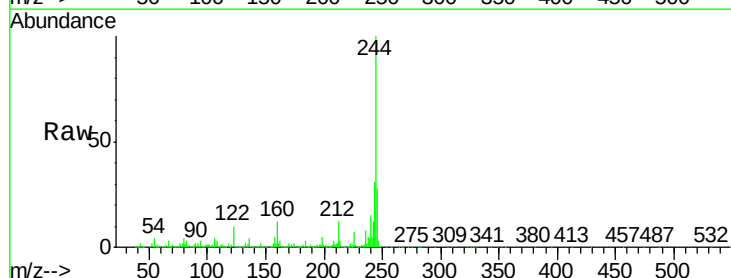
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BNA_G
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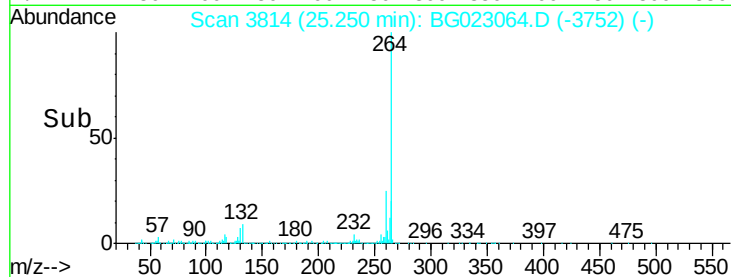
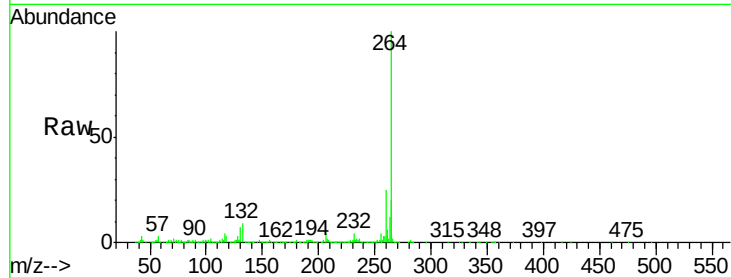
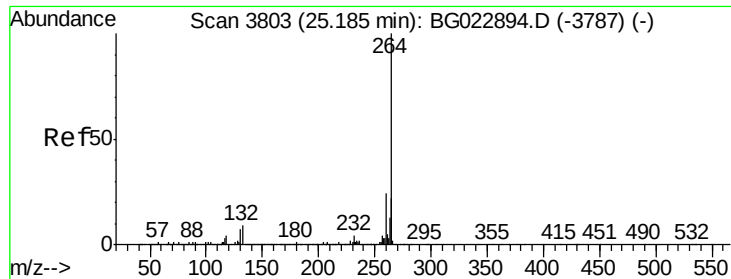
Tot Ion:240 Resp: 942703
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 28.6 21.1 31.7



#78
Terphenyl-d14
Concen: 90.51 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

Tgt Ion:244 Resp: 2624775
Ion Ratio Lower Upper
244 100
212 12.3 10.8 16.2
122 9.7 8.0 12.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3814

Delta R.T. 0.07 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

BNA_G

ClientSampleId :

SB-3(5-6)

Tot Ion:264 Resp: 981789

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	20.5	18.9	28.3

