

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023434.D
 Acq On : 3 Aug 2016 20:42
 Operator : UM/SJ
 Sample : H4287-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-60-7.0-8.0

Quant Time: Aug 04 03:37:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

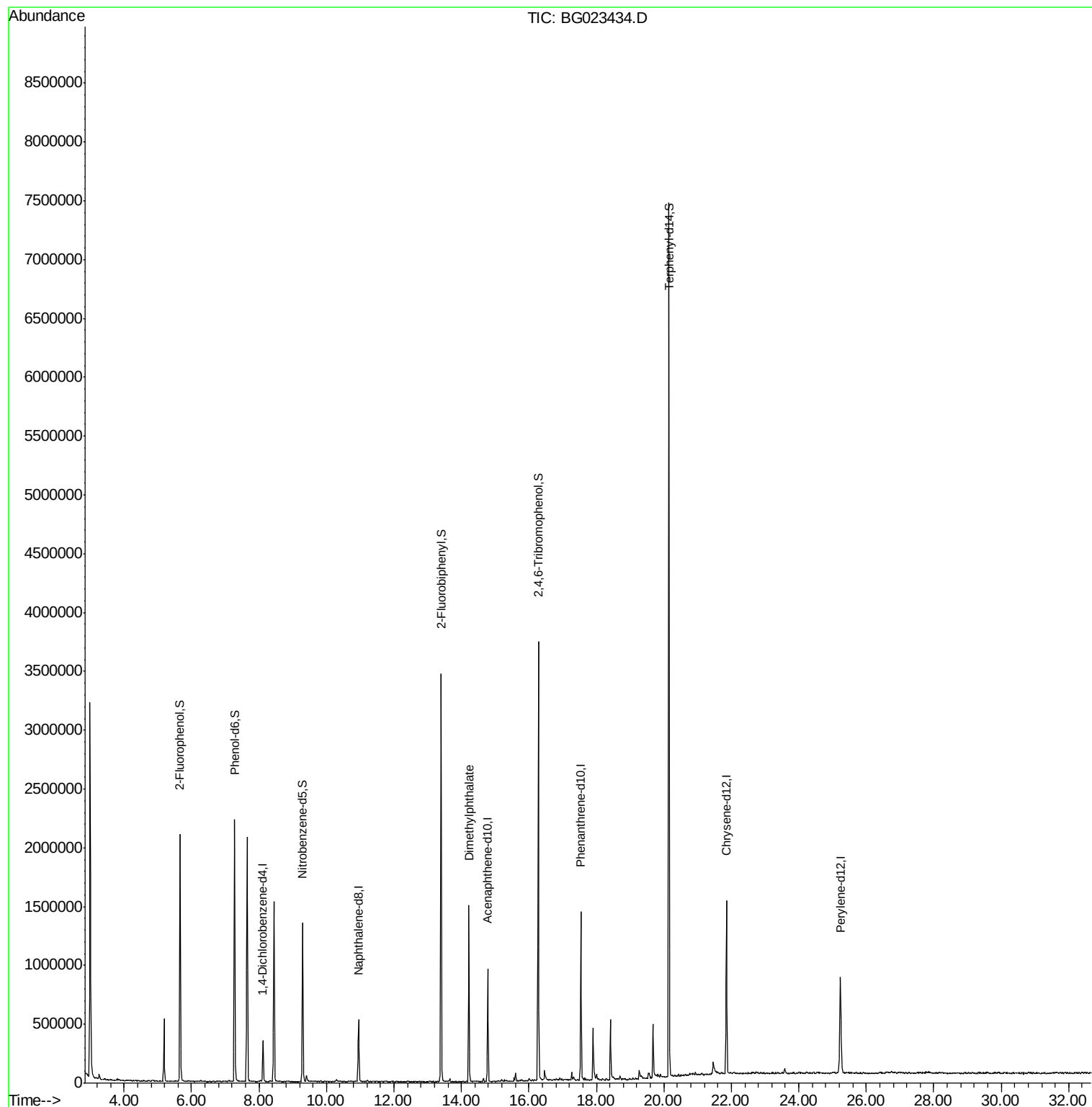
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	98607	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	424214	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	320765	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	868526	20.00	ng	0.00
75) Chrysene-d12	21.85	240	930256	20.00	ng	0.00
86) Perylene-d12	25.23	264	891840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	875799	149.50	ng	0.00
7) Phenol-d6	7.27	99	1312000	143.79	ng	0.00
23) Nitrobenzene-d5	9.29	82	868953	101.84	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	686544	146.33	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1765434	92.83	ng	0.00
78) Terphenyl-d14	20.15	244	2725131	93.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	939584	38.18	ng	100

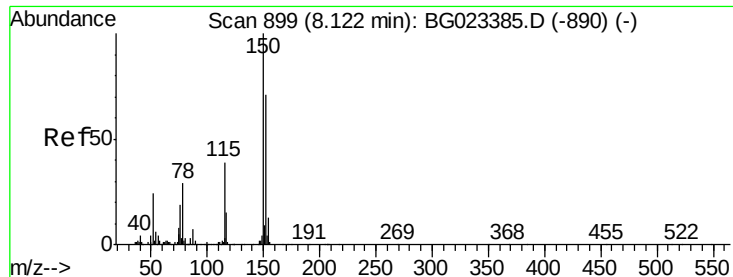
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-60-7.0-8.0

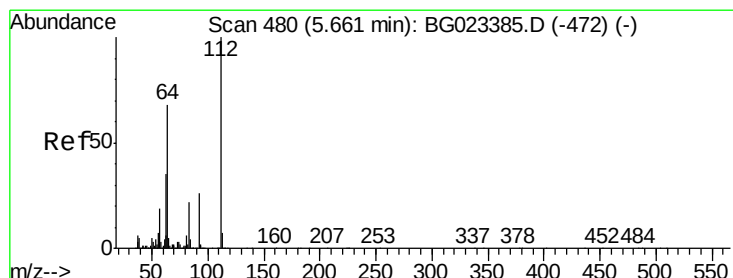
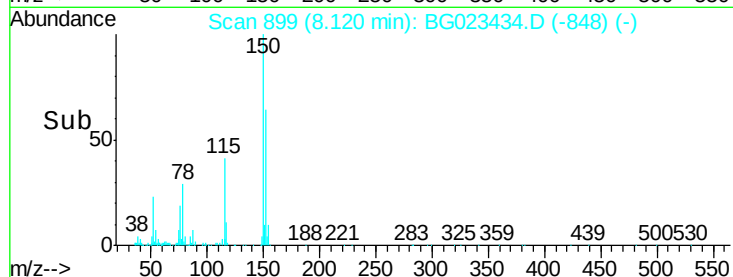
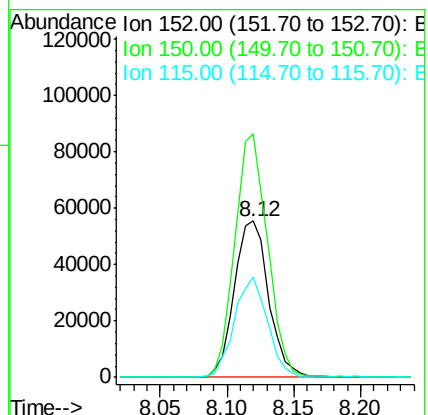
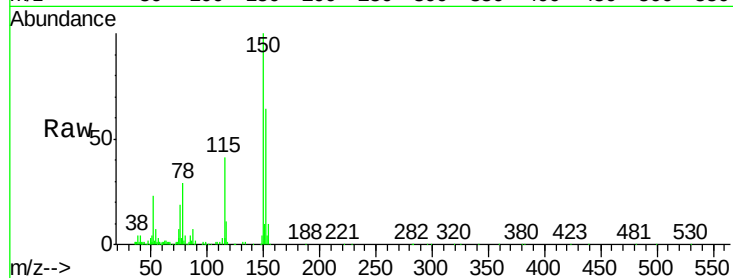
Tot Ion:152 Resp: 98607

Ion Ratio Lower Upper

152 100

150 155.6 144.7 217.1

115 63.8 64.0 96.0#



#5

2-Fluorophenol

Concen: 149.50 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

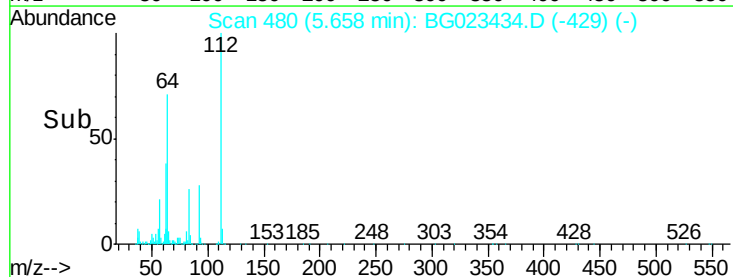
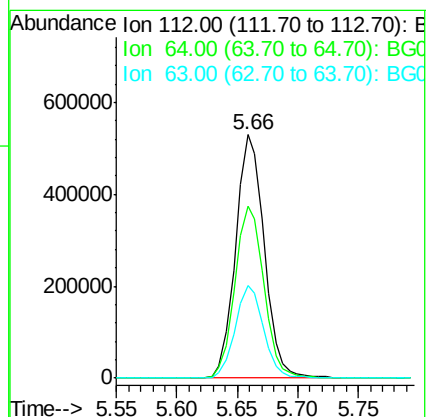
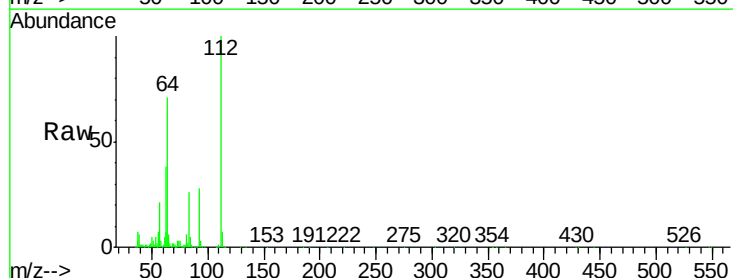
Tgt Ion:112 Resp: 875799

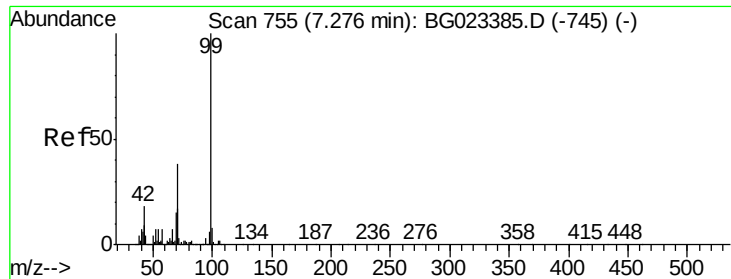
Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

63 37.9 37.8 56.8





#7

Phenol-d6

Concen: 143.79 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-60-7.0-8.0

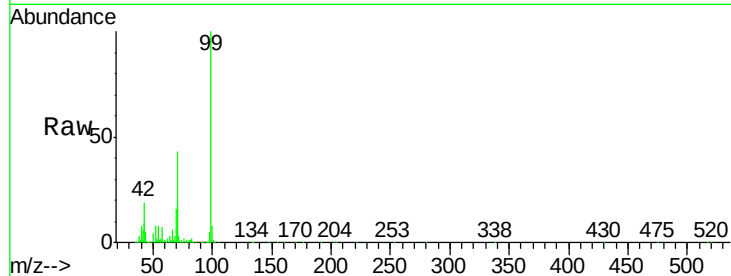
Tot Ion: 99 Resp: 1312000

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.8	26.6
71	43.4	41.5	62.3

99 100

42 18.5 17.8 26.6

71 43.4 41.5 62.3

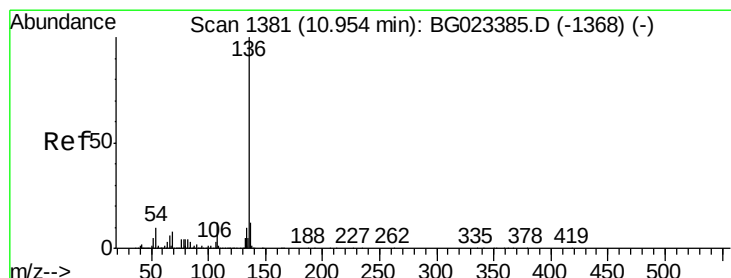
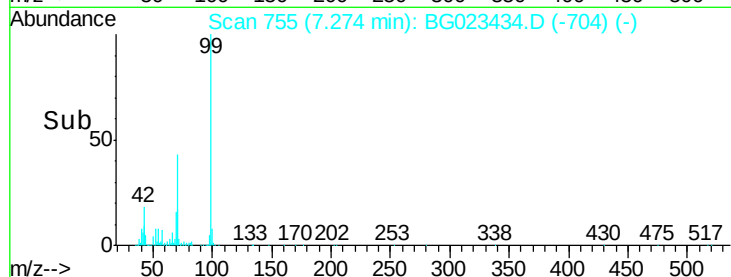
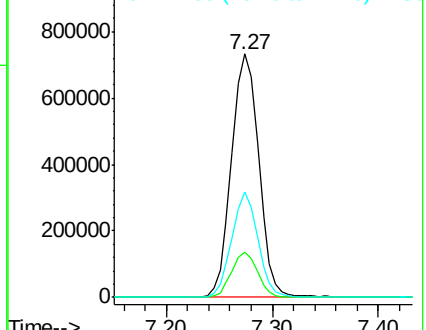


Abundance

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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Tgt Ion: 136 Resp: 424214

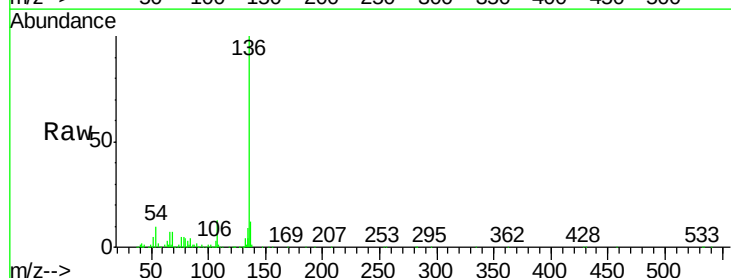
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	9.6	7.3	10.9
68	7.5	5.3	7.9

136 100

137 12.1 9.6 14.4

54 9.6 7.3 10.9

68 7.5 5.3 7.9



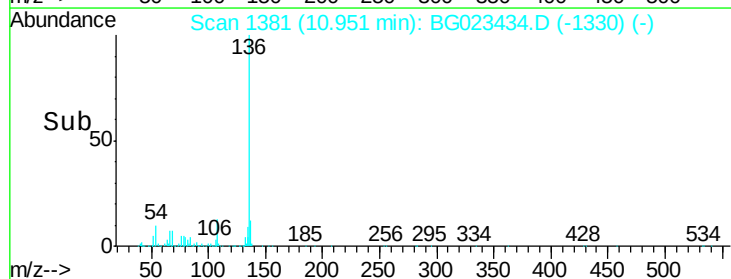
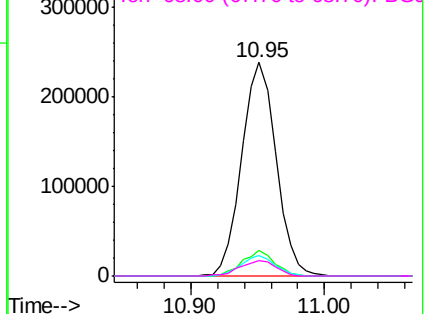
Abundance

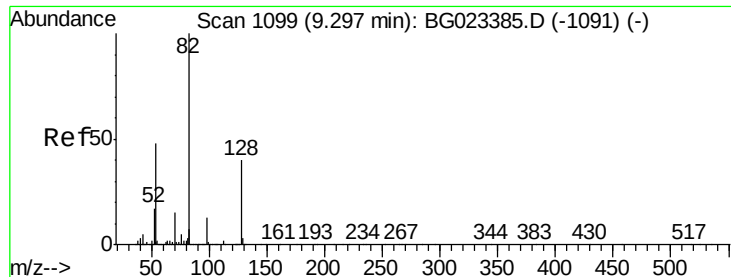
Ion 136.00 (135.70 to 136.70): BGC

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

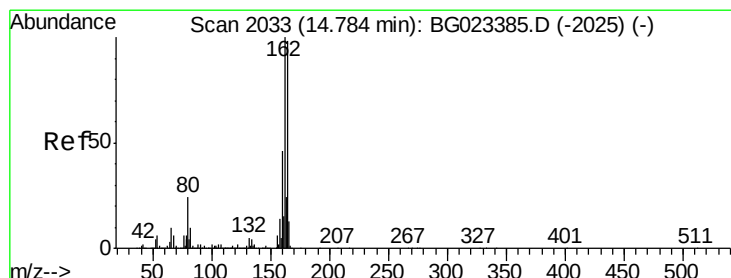
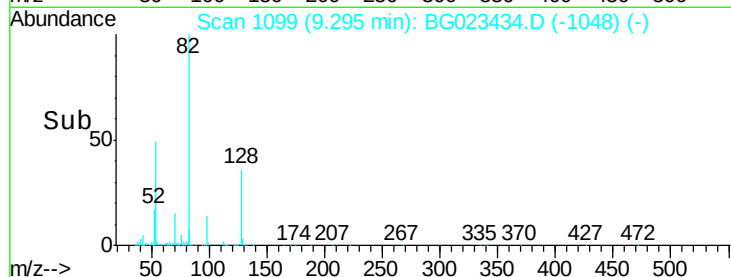
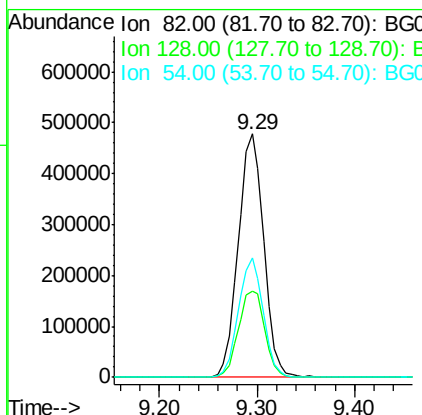
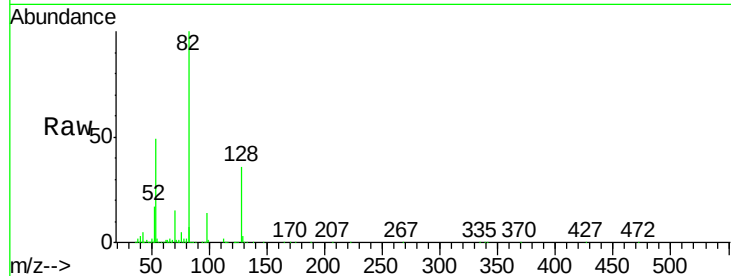




#23
 Nitrobenzene-d5
 Concen: 101.84 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023434.D
 Acq: 3 Aug 2016 20:42

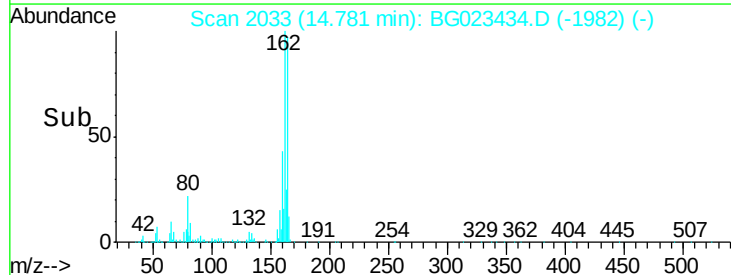
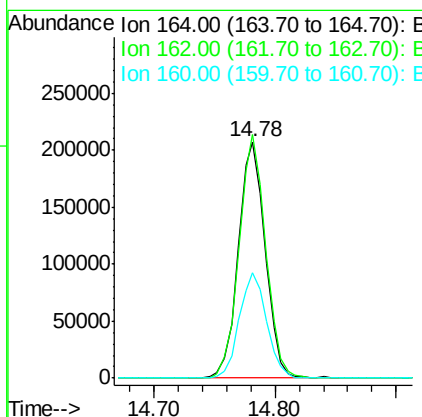
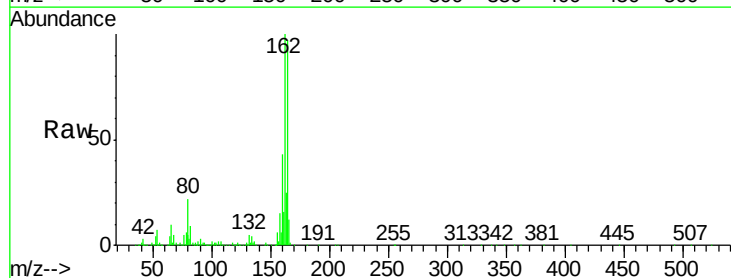
Instrument :
 BNA_G
 ClientSampleId :
 SB-60-7.0-8.0

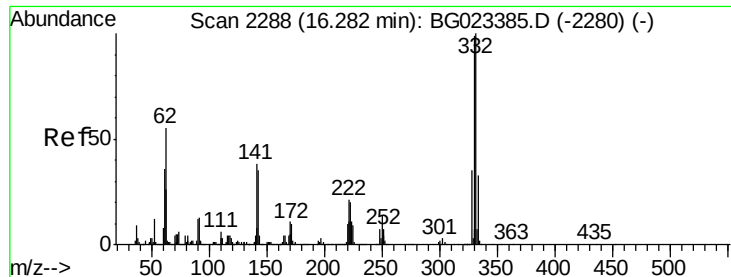
Tot Ion	82	Resp	868953
Ion Ratio	Lower	Upper	
82	100		
128	35.6	24.4	36.6
54	49.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023434.D
 Acq: 3 Aug 2016 20:42

Tgt Ion	164	Resp	320765
Ion Ratio	Lower	Upper	
164	100		
162	103.1	87.7	131.5
160	44.6	37.2	55.8

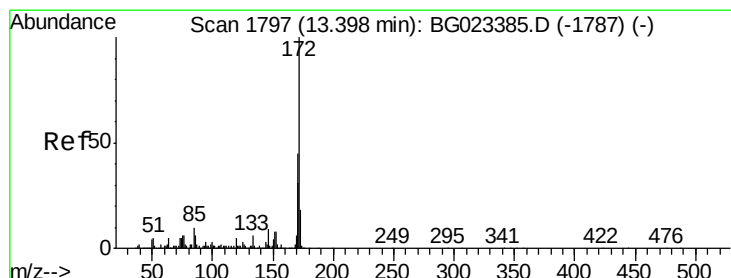
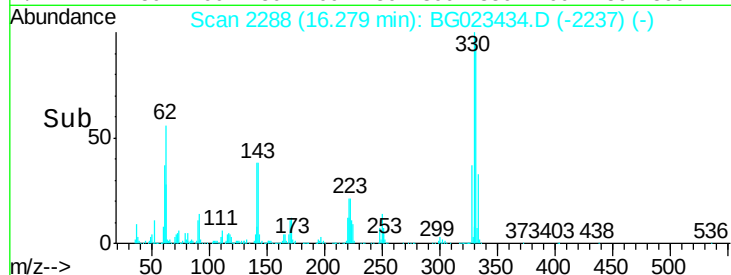
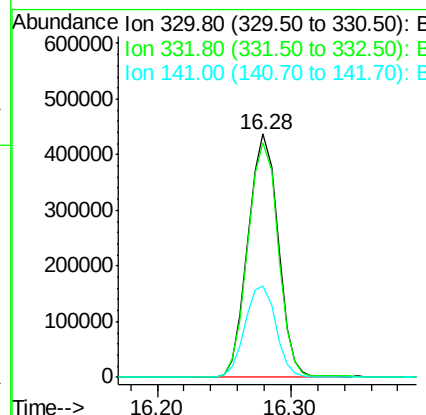
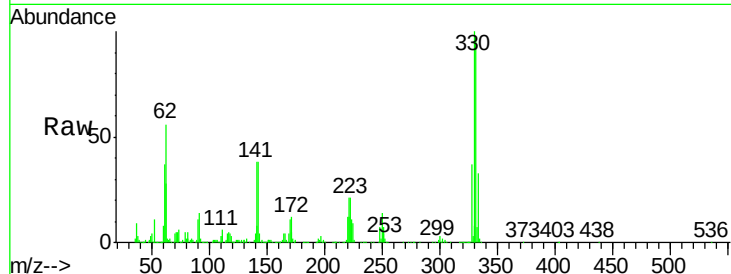




#41
 2,4,6-Tribromophenol
 Concen: 146.33 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023434.D
 Acq: 3 Aug 2016 20:42

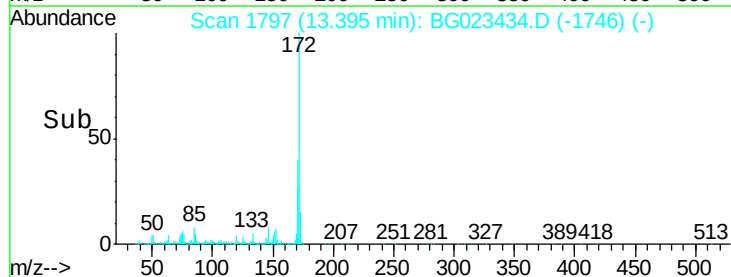
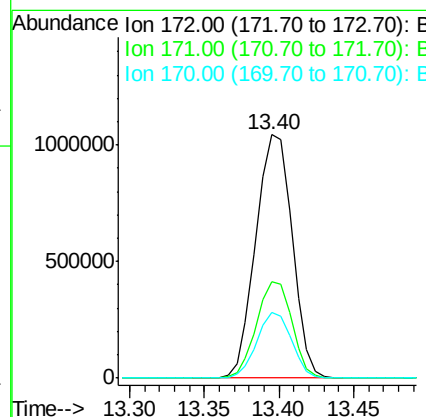
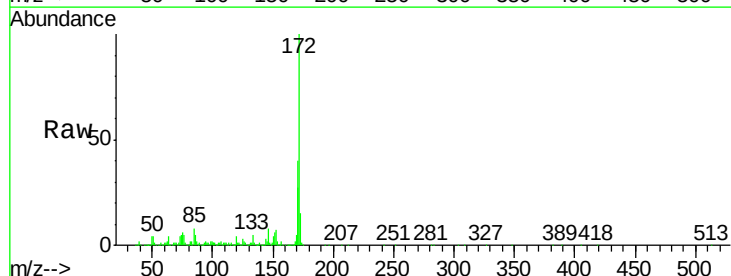
Instrument :
 BNA_G
 ClientSampleId :
 SB-60-7.0-8.0

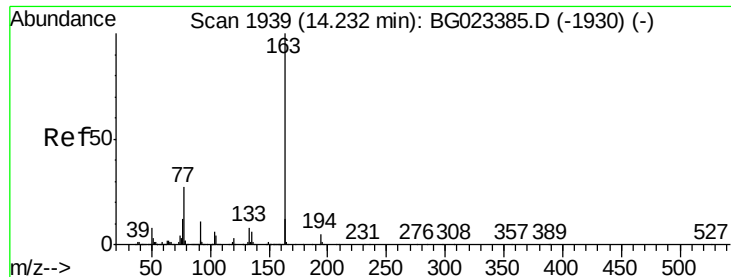
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.5	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 92.83 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023434.D
 Acq: 3 Aug 2016 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.6	47.4
170	26.8	21.3	31.9





#49

Dimethylphthalate

Concen: 38.18 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-60-7.0-8.0

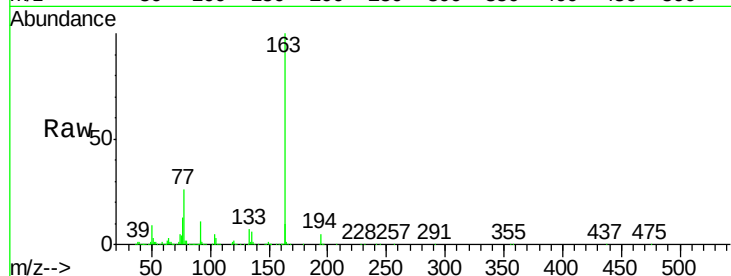
Tot Ion:163 Resp: 939584

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

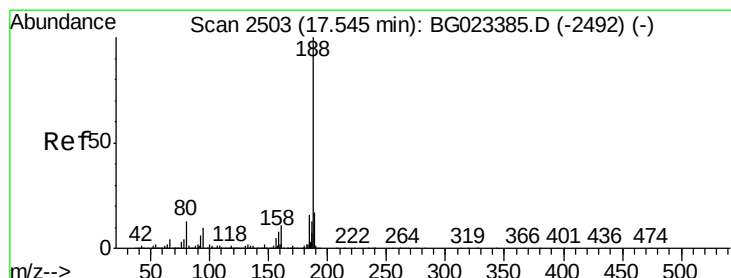
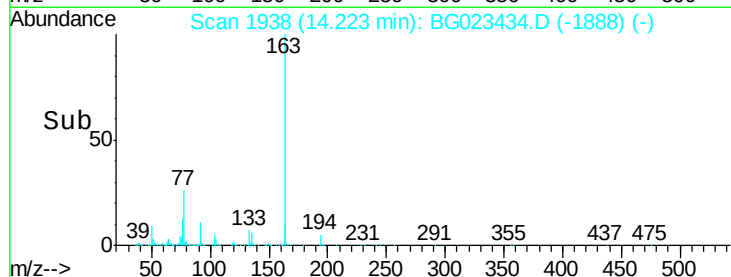
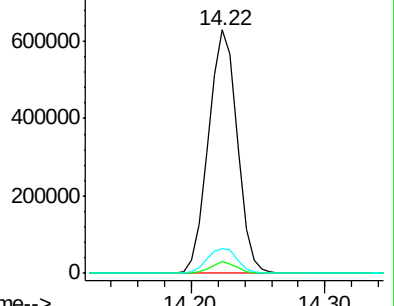
164 10.2 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

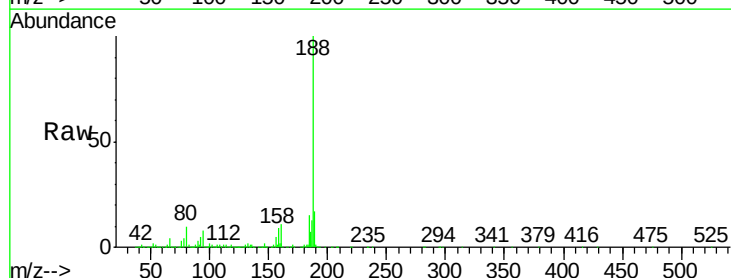
Tgt Ion:188 Resp: 868526

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

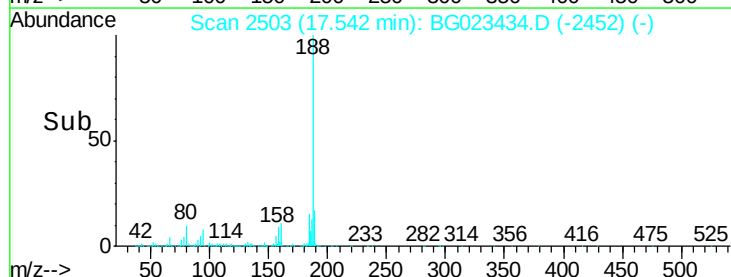
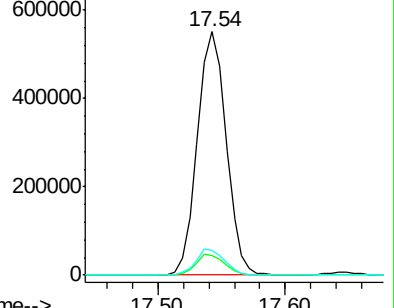
80 10.4 7.2 10.8

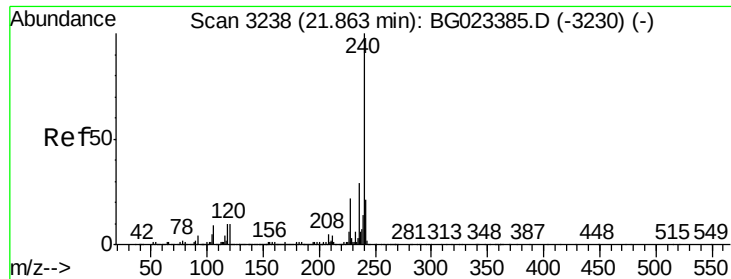


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

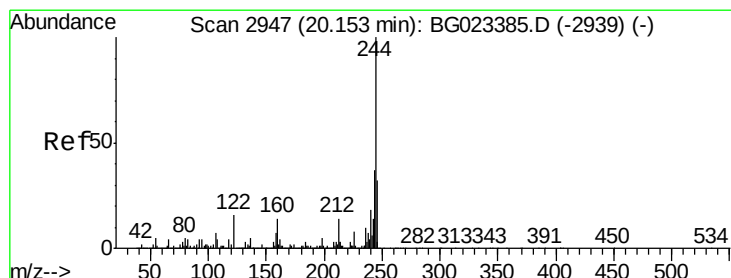
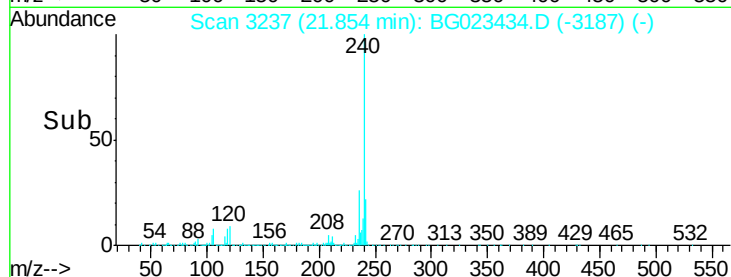
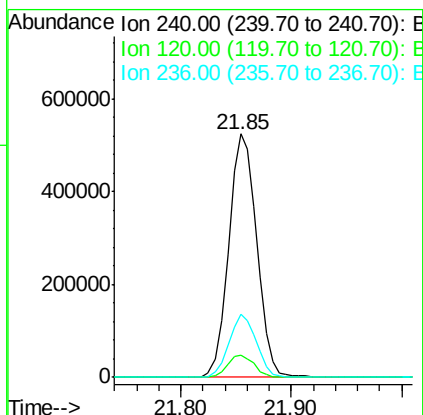
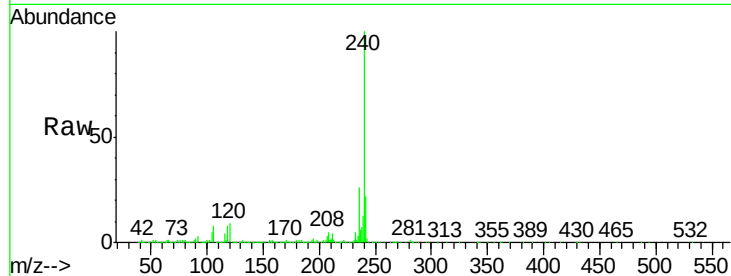




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023434.D
Acq: 3 Aug 2016 20:42

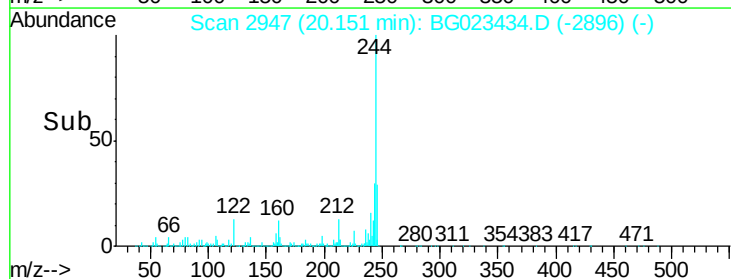
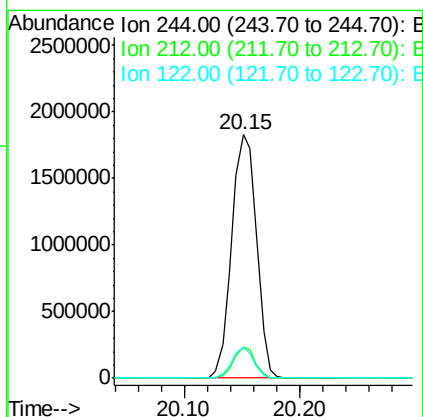
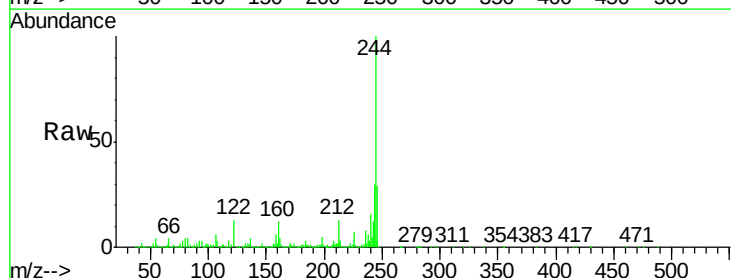
Instrument :
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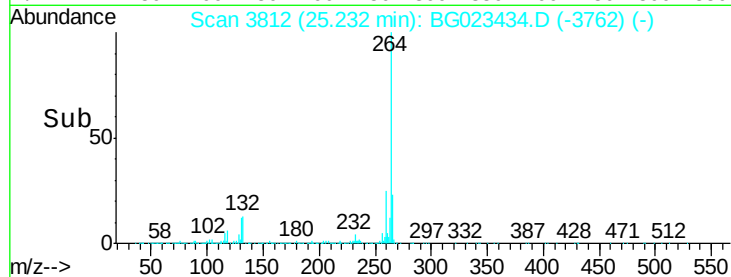
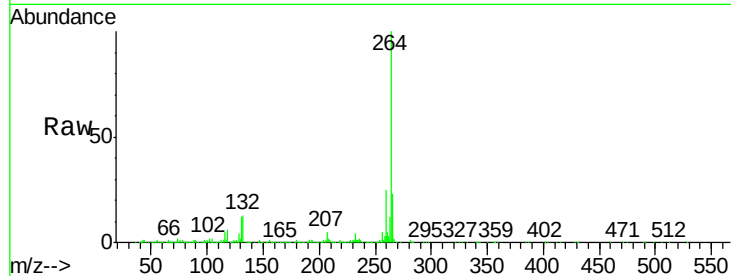
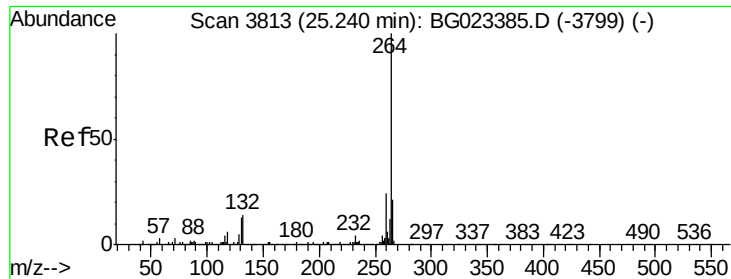
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.1	6.1#
236	26.1	21.1	31.7



#78
Terphenyl-d14
Concen: 93.61 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023434.D
Acq: 3 Aug 2016 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.9	10.8	16.2
122	12.6	8.0	12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG023434.D
Acq: 3 Aug 2016 20:42

Instrument :
BNA_G
ClientSampleId :
SB-60-7.0-8.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	22.8	18.9	28.3

