

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031618.D
 Acq On : 16 Dec 2017 9:58
 Operator : SJ/JU
 Sample : I6880-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-D-B

Quant Time: Dec 18 04:12:30 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

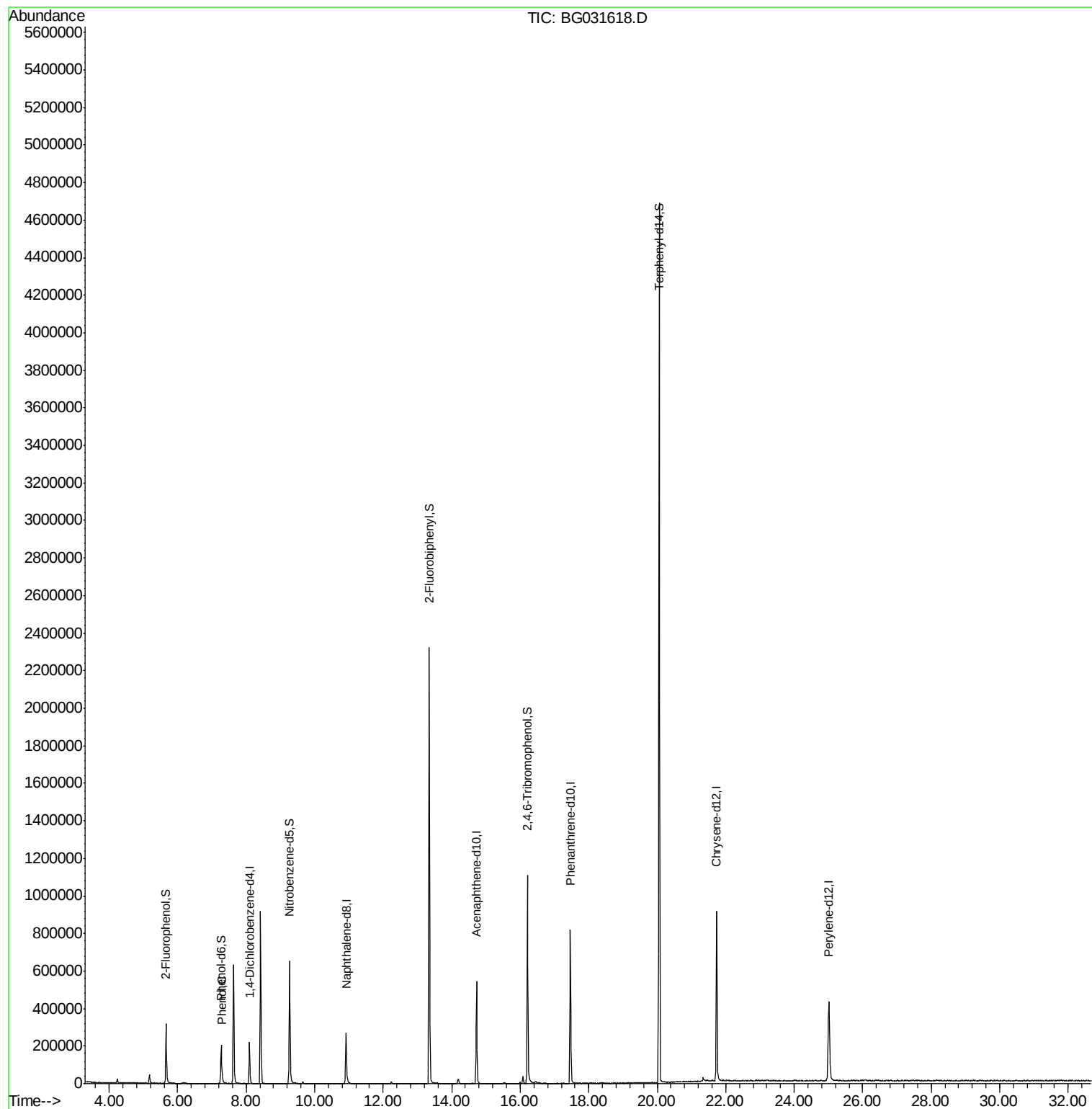
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	67994	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	305019	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	207804	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	551652	20.00	ng	0.00
75) Chrysene-d12	21.73	240	625095	20.00	ng	-0.02
86) Perylene-d12	25.01	264	532826	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	184510	48.10	ng	0.00
7) Phenol-d6	7.27	99	145961	27.41	ng	0.00
23) Nitrobenzene-d5	9.27	82	449550	90.84	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	247749	101.77	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1358938	95.99	ng	0.00
78) Terphenyl-d14	20.06	244	2296021	83.57	ng	0.00
Target Compounds						
10) Phenol	7.30	94	15865	2.900	ng	Qvalue 97

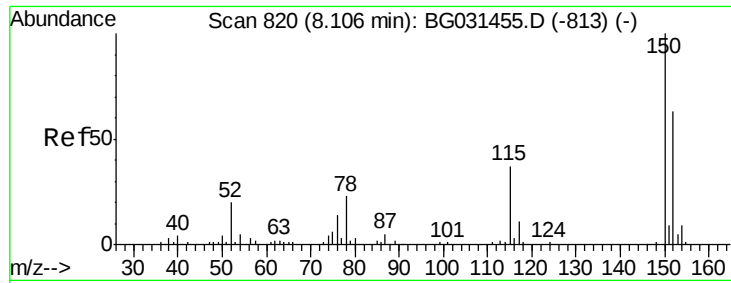
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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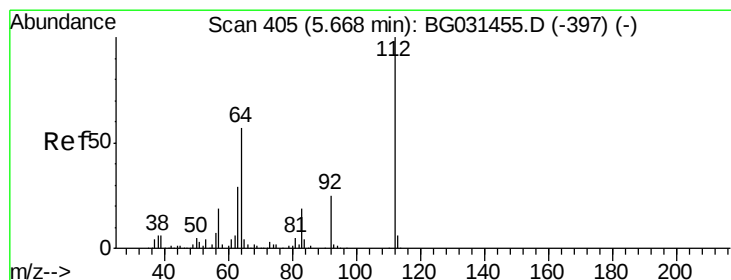
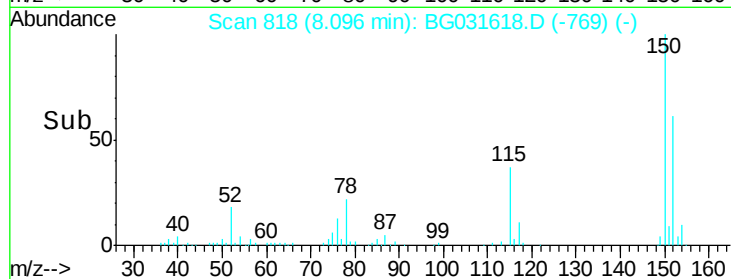
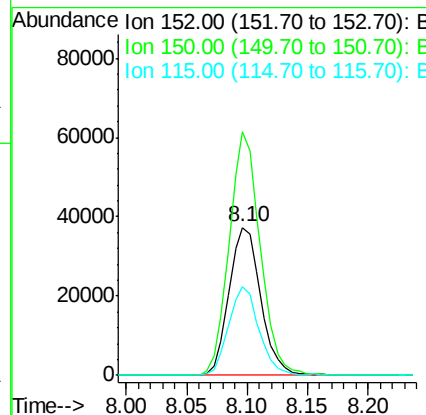
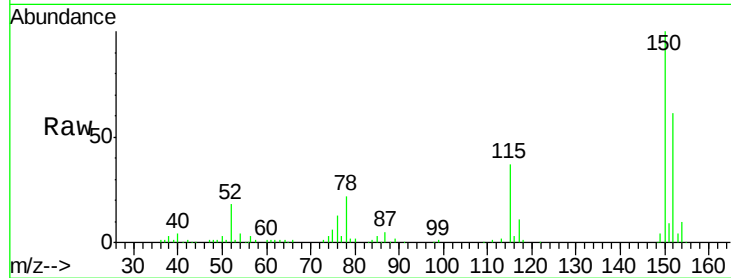


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031618.D
Acq: 16 Dec 2017 9:58

Instrument :
BNA_G
ClientSampleId :
120817-JETT-F-D-B

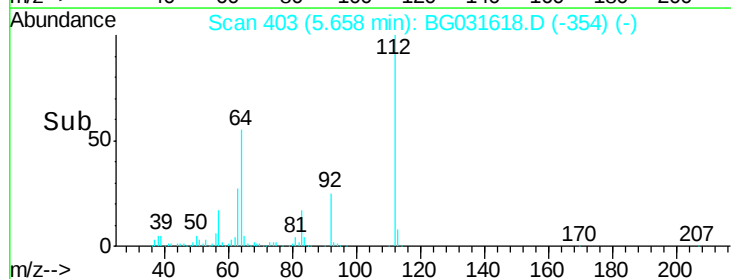
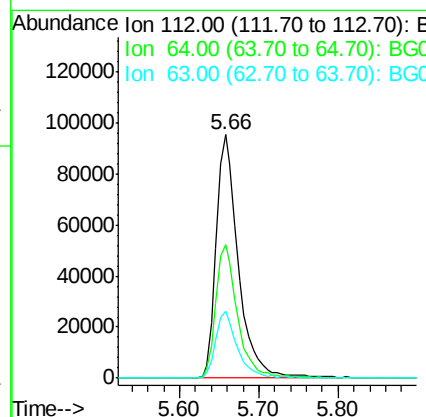
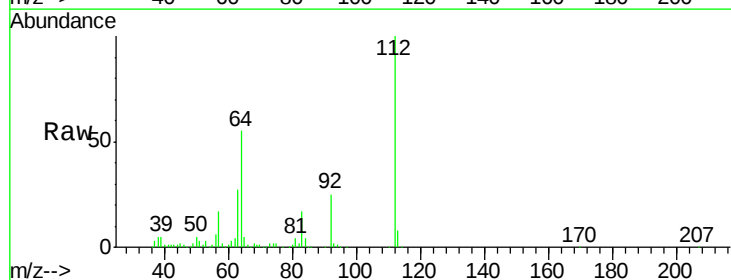
Tgt Ion:152 Resp: 67994
Ion Ratio Lower Upper
152 100
150 164.6 126.6 189.8
115 60.4 53.0 79.4

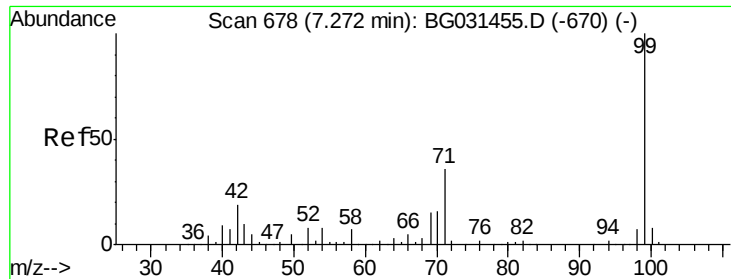


#5

2-Fluorophenol
Concen: 48.099 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031618.D
Acq: 16 Dec 2017 9:58

Tgt Ion:112 Resp: 184510
Ion Ratio Lower Upper
112 100
64 55.0 56.3 84.5#
63 27.5 30.1 45.1#





#7

Phenol-d6

Concen: 27.409 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-B

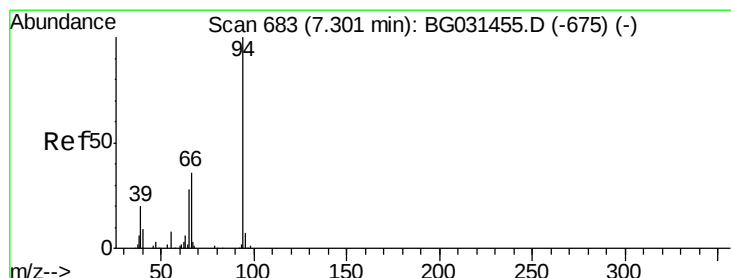
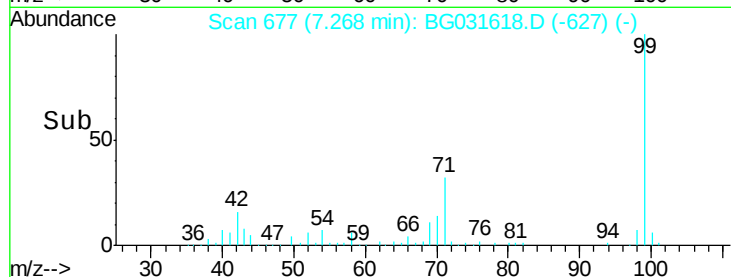
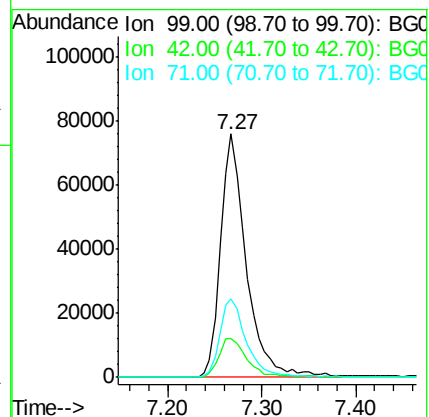
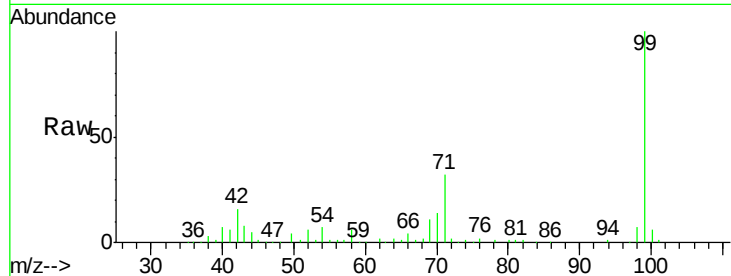
Tgt Ion: 99 Resp: 145961

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 32.2 26.1 39.1



#10

Phenol

Concen: 2.900 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

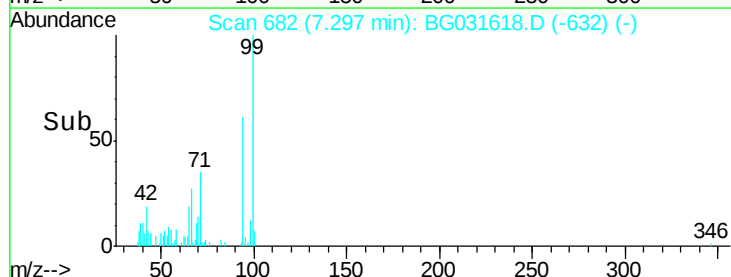
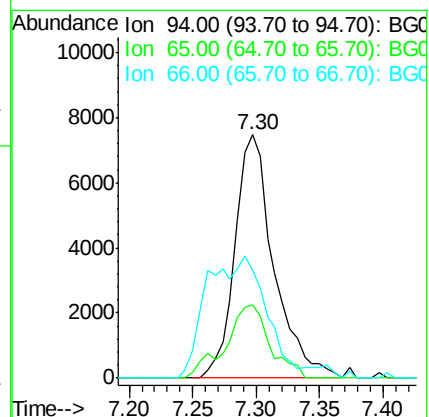
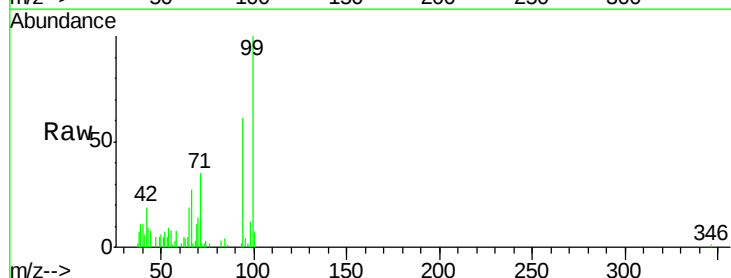
Tgt Ion: 94 Resp: 15865

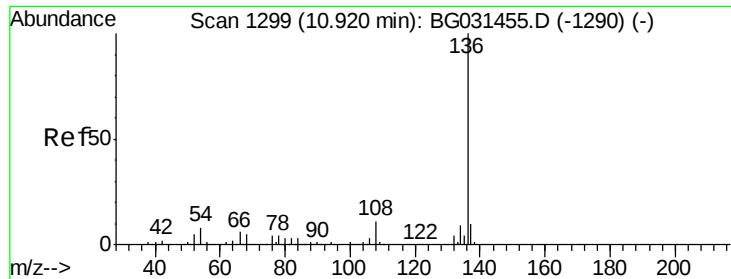
Ion Ratio Lower Upper

94 100

65 30.4 11.9 51.9

66 44.1 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-B

Tgt Ion: 136 Resp: 305019

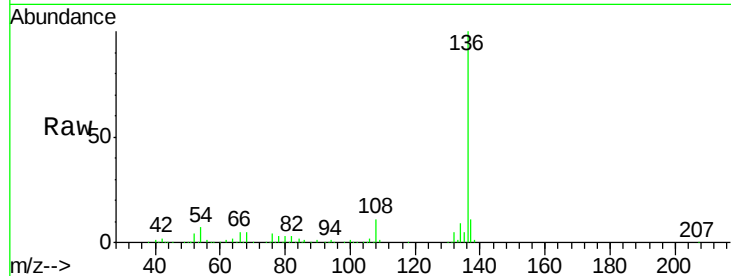
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.1 10.3 15.5#

68 5.1 4.5 6.7

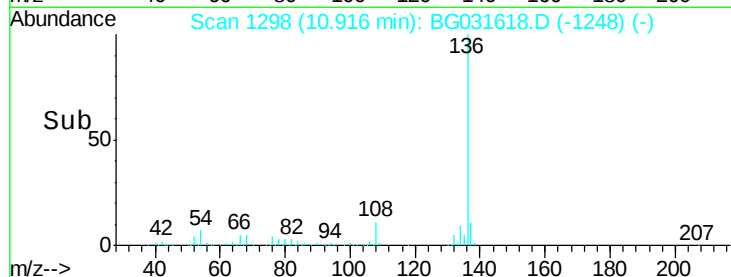


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



Time-->

10.92

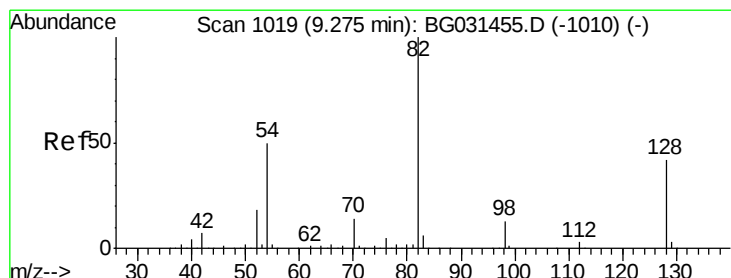
150000

100000

50000

0

10.80 11.00 11.20



#23

Nitrobenzene-d5

Concen: 90.843 ng

RT: 9.27 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

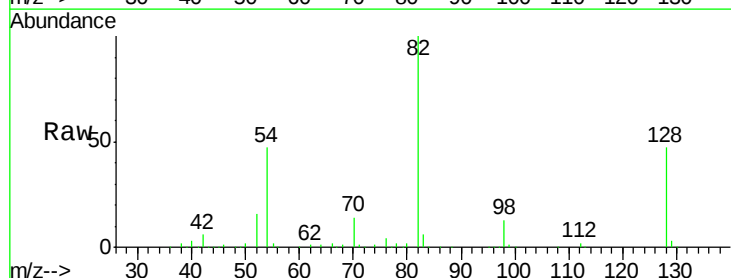
Tgt Ion: 82 Resp: 449550

Ion Ratio Lower Upper

82 100

128 46.6 29.7 44.5#

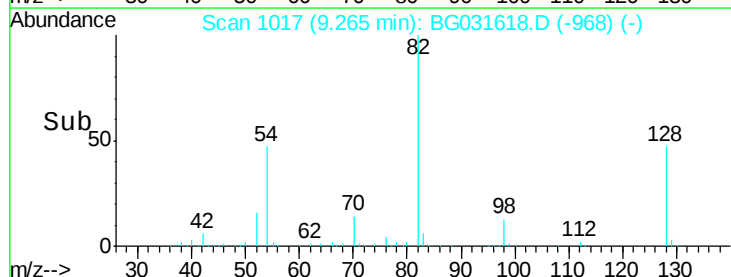
54 47.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B



Time-->

9.27

300000

250000

200000

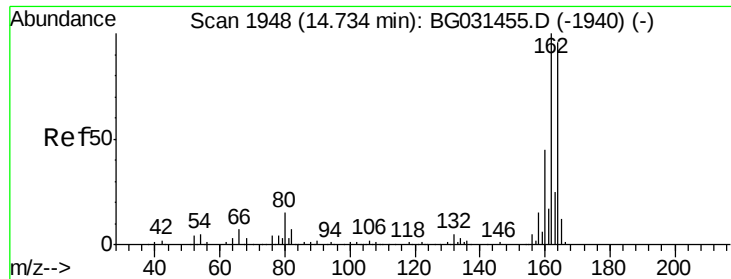
150000

100000

50000

0

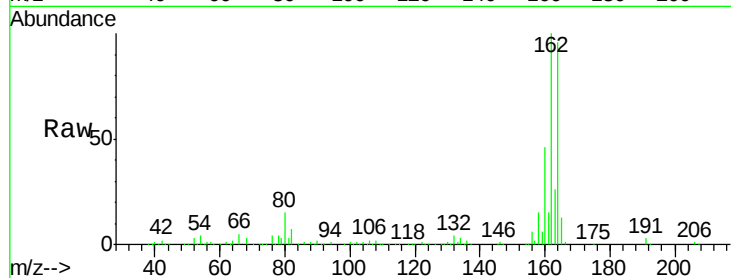
9.20 9.30 9.40



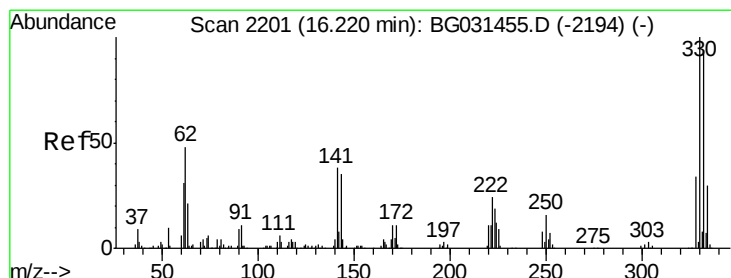
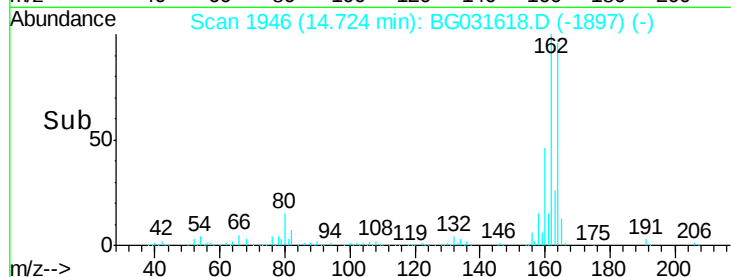
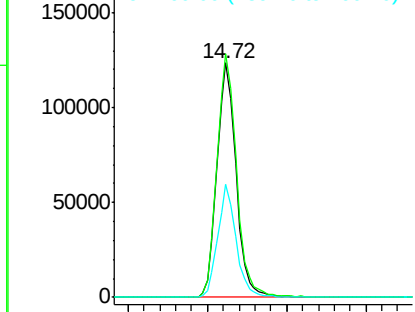
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031618.D
Acq: 16 Dec 2017 9:58

Instrument :
BNA_G
ClientSampleId :
120817-JETT-F-D-B

Tgt Ion:164 Resp: 207804
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 48.2 35.4 53.0

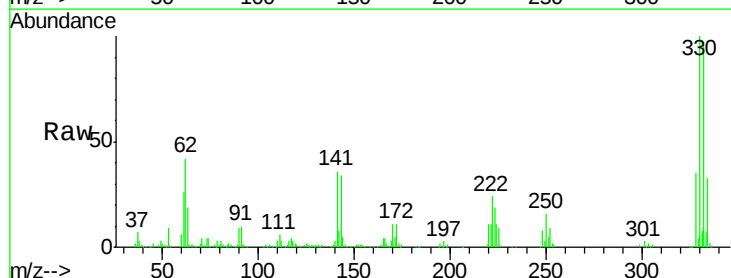


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

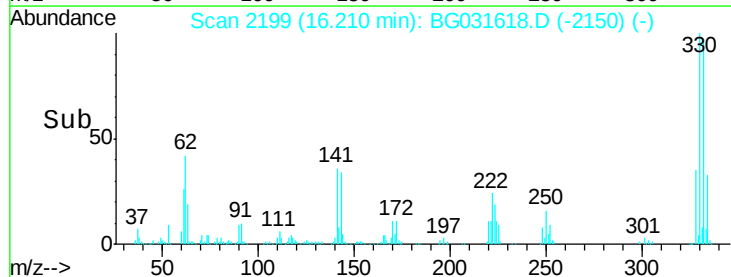
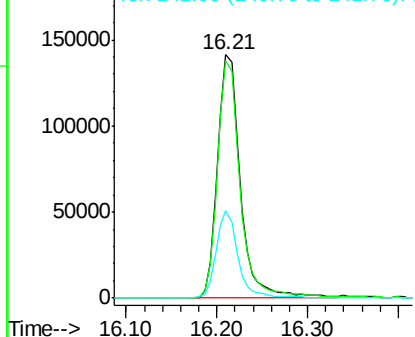


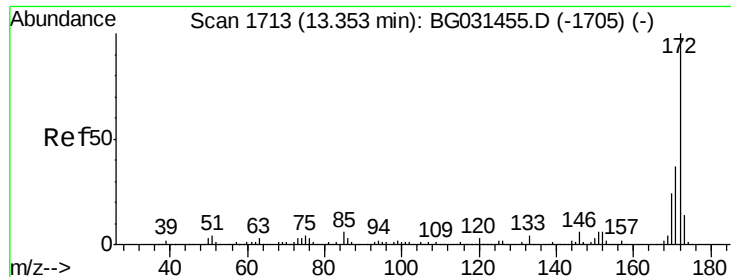
#41
2,4,6-Tribromophenol
Concen: 101.765 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG031618.D
Acq: 16 Dec 2017 9:58

Tgt Ion:330 Resp: 247749
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 34.4 25.2 37.8



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

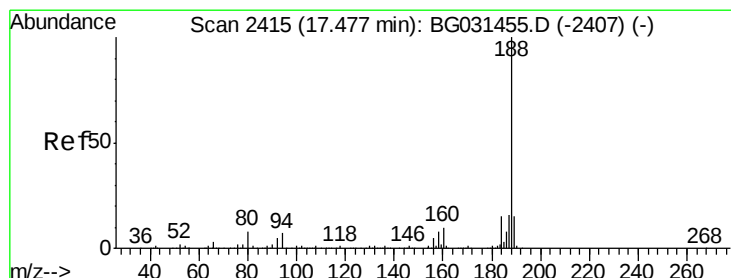
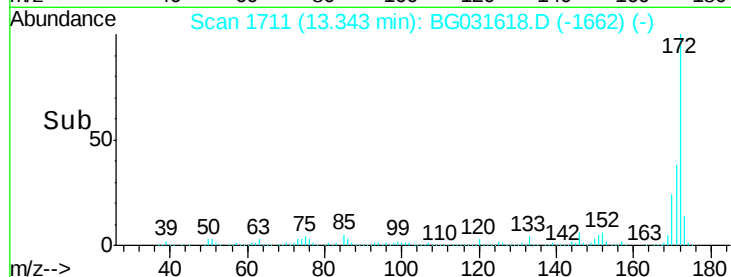
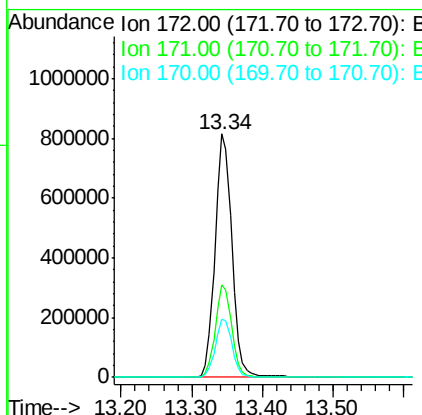
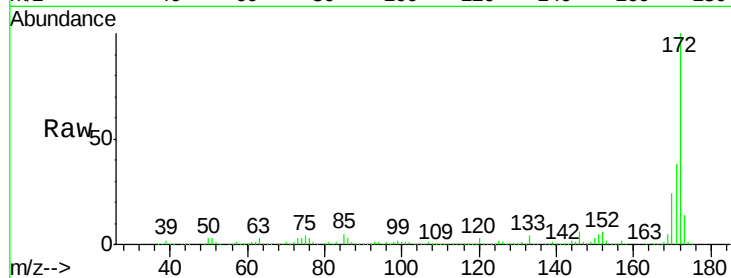




#44
 2-Fluorobiphenyl
 Concen: 95.992 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031618.D
 Acq: 16 Dec 2017 9:58

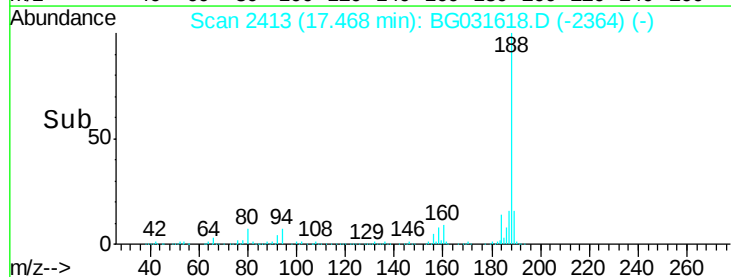
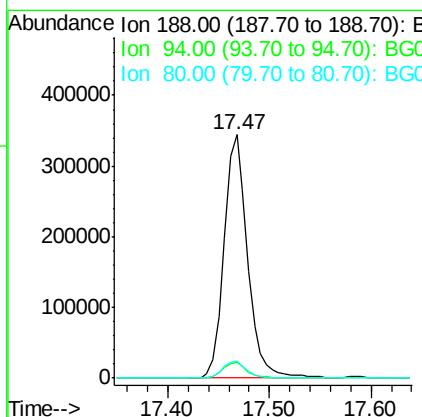
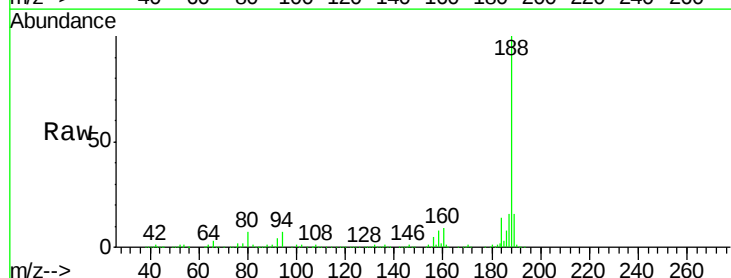
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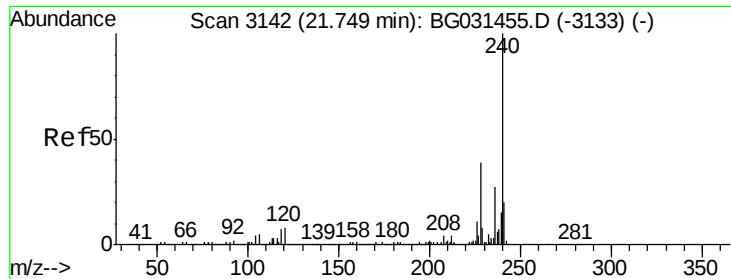
Tgt Ion:172 Resp: 1358938
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031618.D
 Acq: 16 Dec 2017 9:58

Tgt Ion:188 Resp: 551652
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 6.9 7.7 11.5#

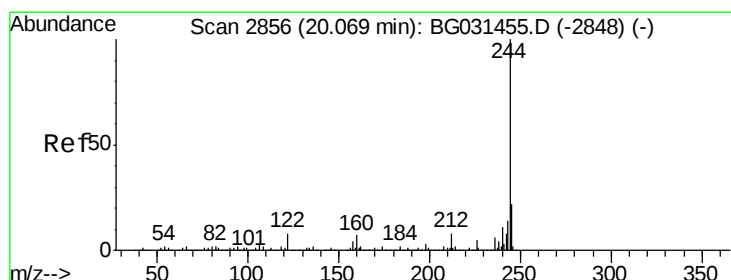
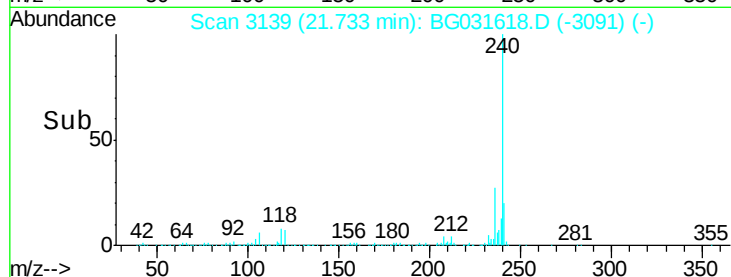
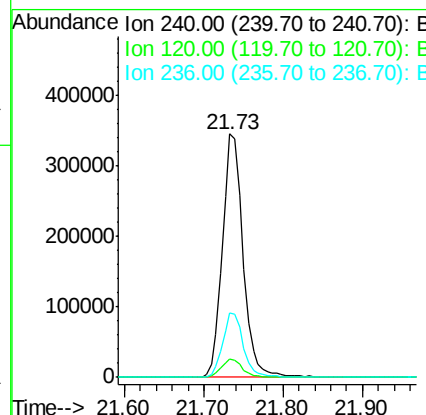
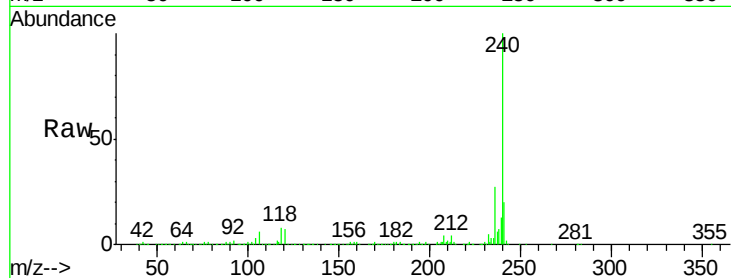




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.02 min
 Lab File: BG031618.D
 Acq: 16 Dec 2017 9:58

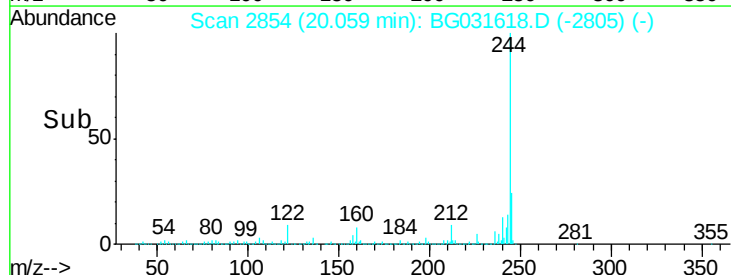
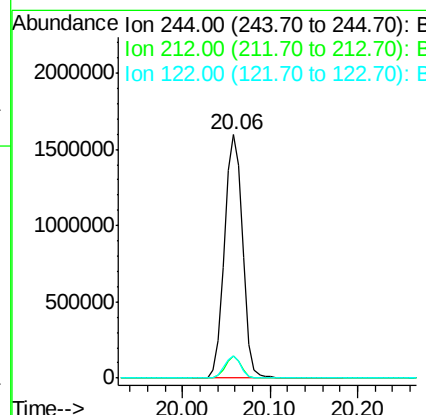
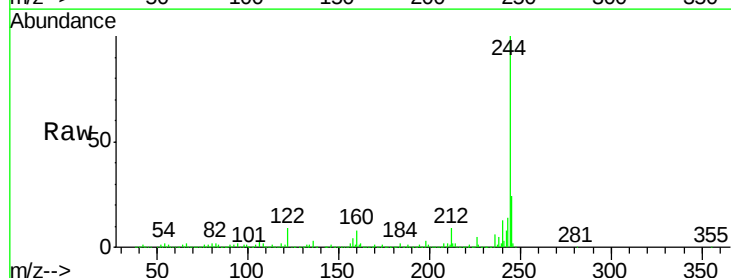
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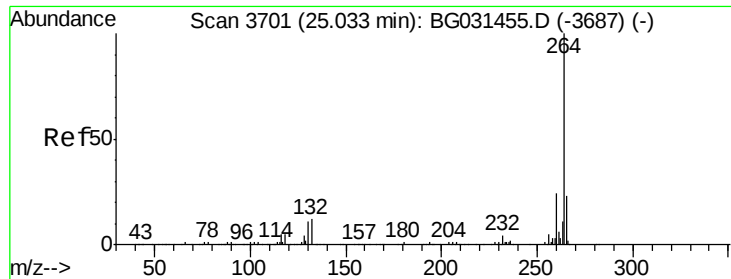
Tgt Ion:240 Resp: 625095
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.8 10.2
 236 26.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 83.568 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BG031618.D
 Acq: 16 Dec 2017 9:58

Tgt Ion:244 Resp: 2296021
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 9.0 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BG031618.D
Acq: 16 Dec 2017 9:58

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.9	17.7	26.5

