

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104342.D
 Acq On : 7 Apr 2018 7:39
 Operator : JU/SJ
 Sample : J2225-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040218-JETT-F-D-B

Quant Time: Apr 09 00:47:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

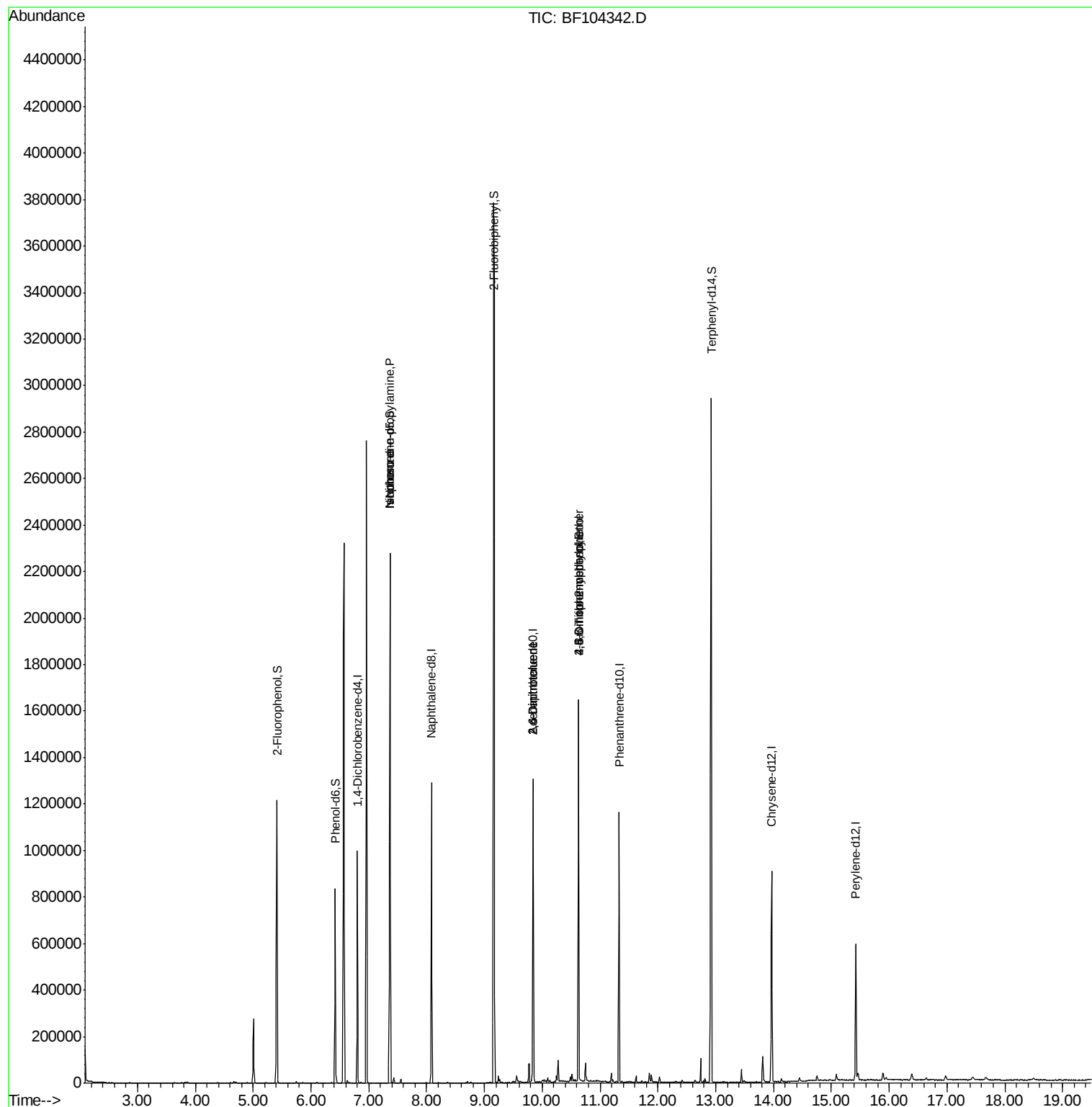
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142571	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	560878	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	245355	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	365121	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278181	20.00	ng	0.00
86) Perylene-d12	15.42	264	255136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	349639	37.50	ng	0.00
7) Phenol-d6	6.42	99	262245	22.89	ng	-0.01
23) Nitrobenzene-d5	7.37	82	800585	93.21	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	191103	75.09	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1349857	86.91	ng	0.00
78) Terphenyl-d14	12.92	244	1017257	83.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	104709	13.987	ng	# 76
25) Isophorone	7.37	82	799989	44.043	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	30788	8.600	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	30788	6.556	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	194	7.439	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11753	3.026	ng	# 1
76) Benzidine	12.92	184	13728	Below Cal		95

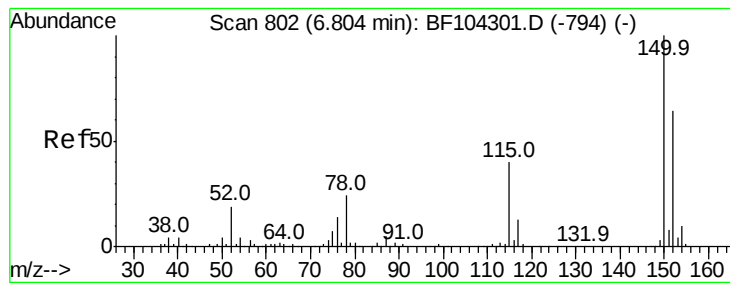
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104342.D

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BNA_F

ClientSampleId :

040218-JETT-F-D-B

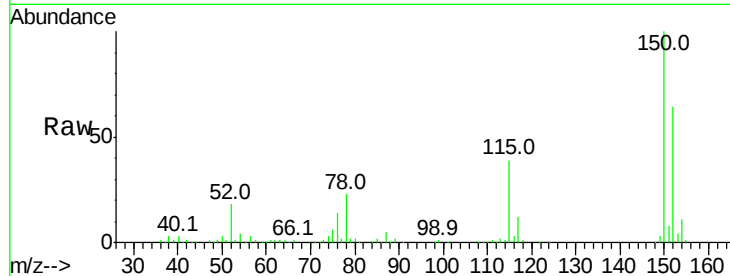
Tot Ion:152 Resp: 142571

Ion Ratio Lower Upper

152 100

150 155.2 124.6 186.8

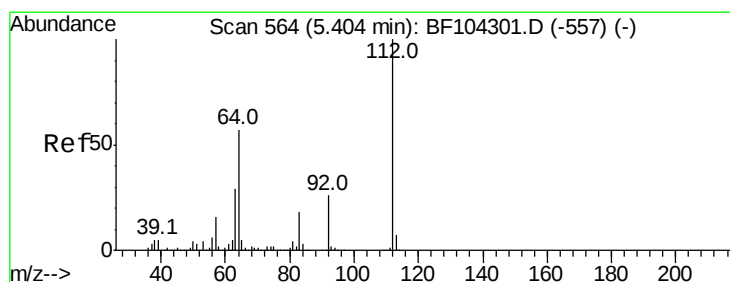
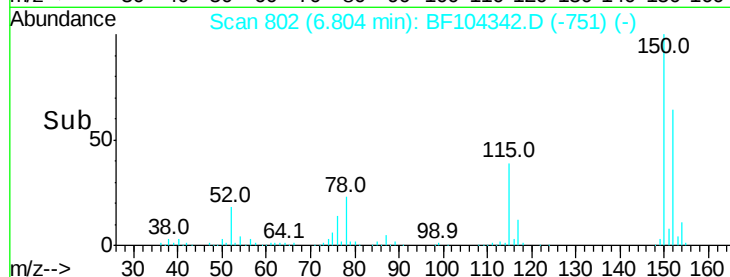
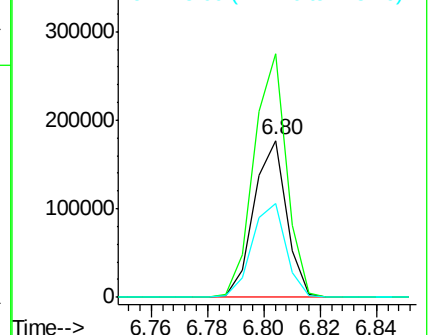
115 60.2 50.1 75.1



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: 37.498 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

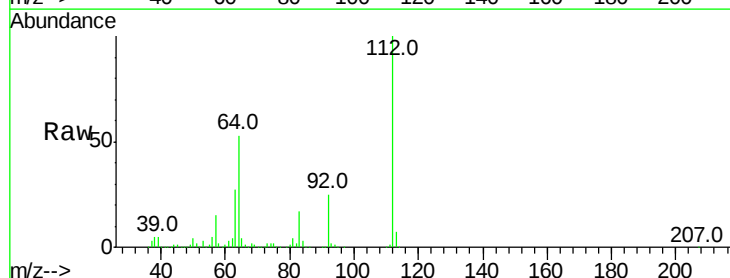
Tgt Ion:112 Resp: 349639

Ion Ratio Lower Upper

112 100

64 52.6 47.9 71.9

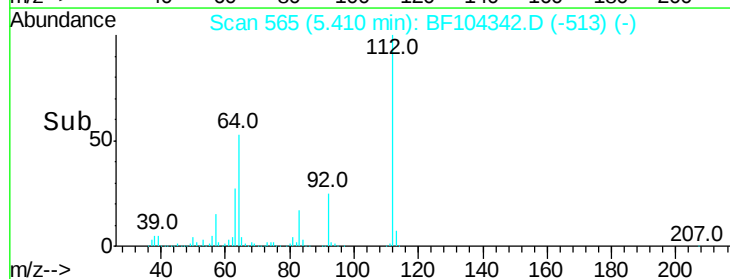
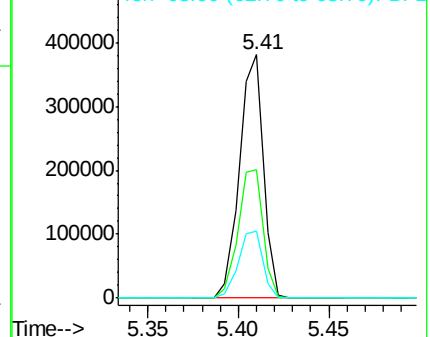
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.891 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-D-B

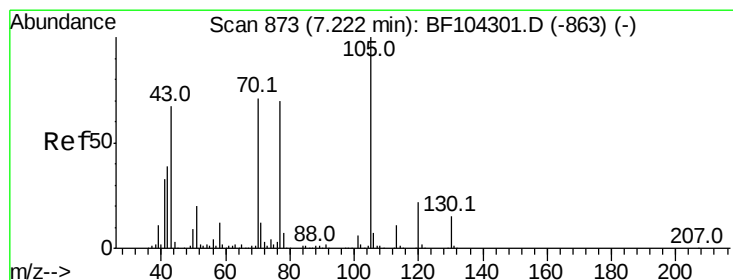
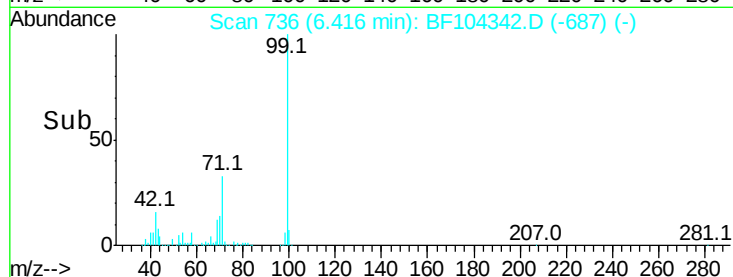
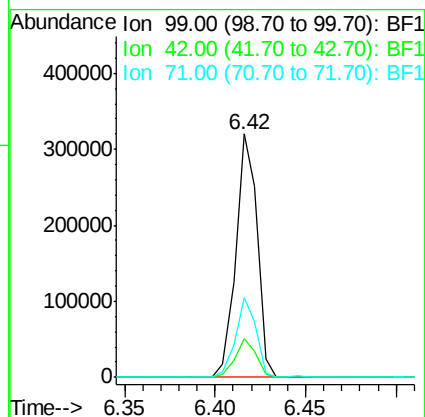
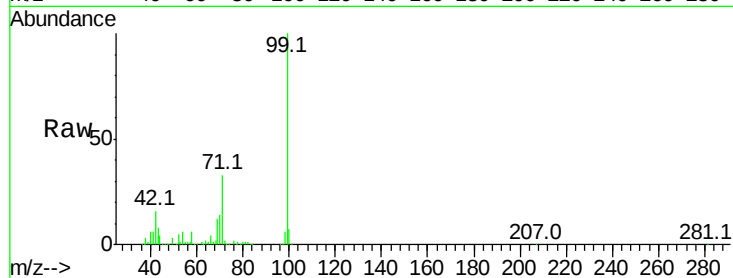
Tot Ion: 99 Resp: 262245

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.987 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Tgt Ion: 70 Resp: 104709

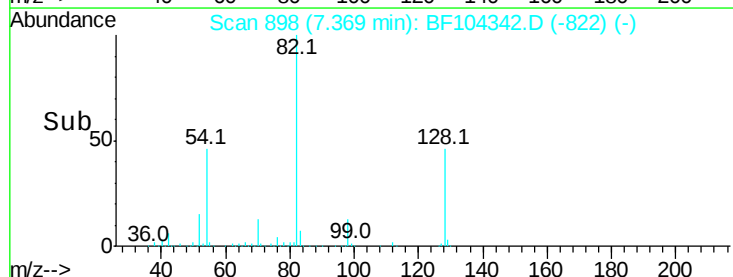
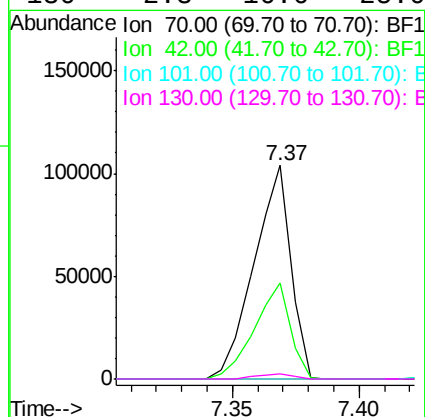
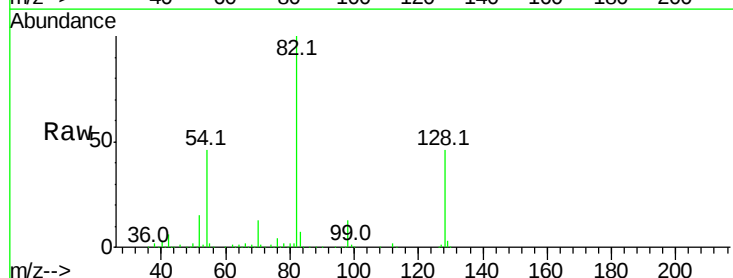
Ion Ratio Lower Upper

70 100

42 45.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-D-B

Tot Ion:136 Resp: 560878

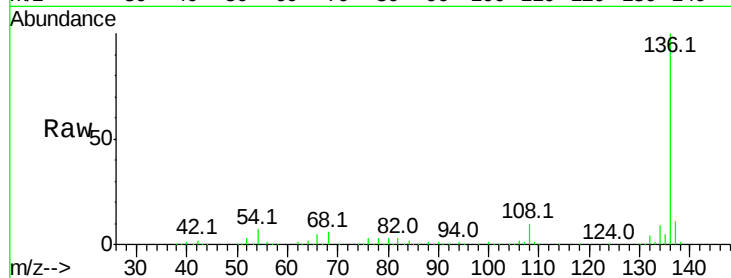
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

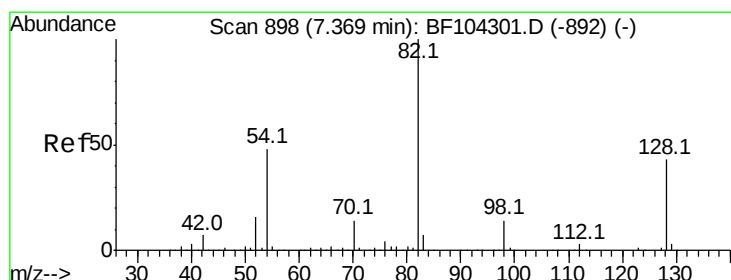
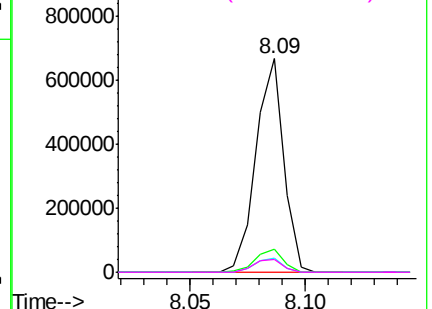
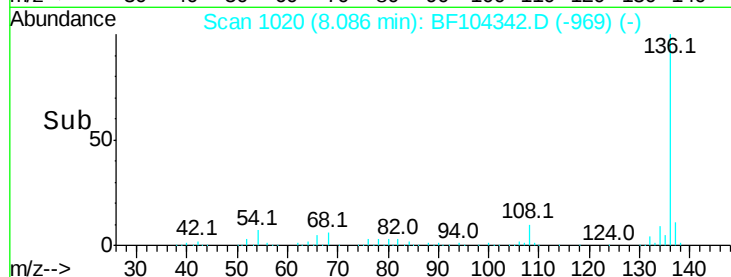


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 93.205 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

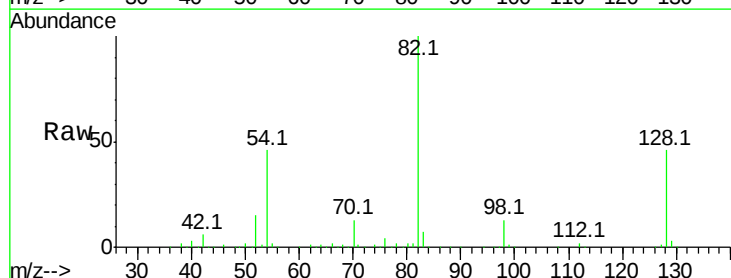
Tgt Ion: 82 Resp: 800585

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

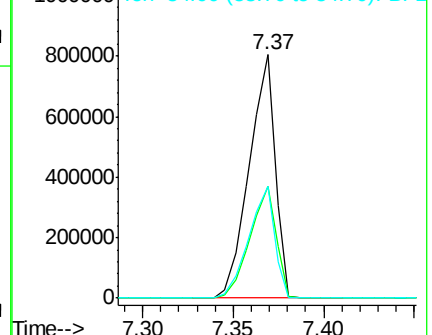
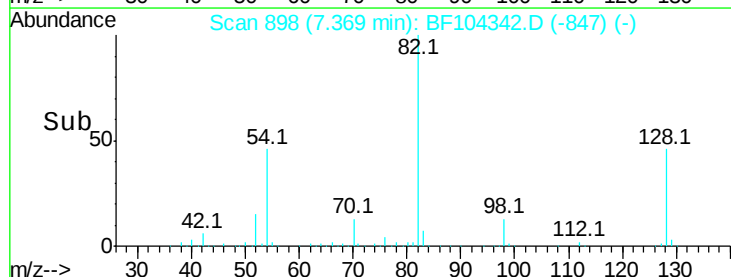
54 45.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.043 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

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040218-JETT-F-D-B

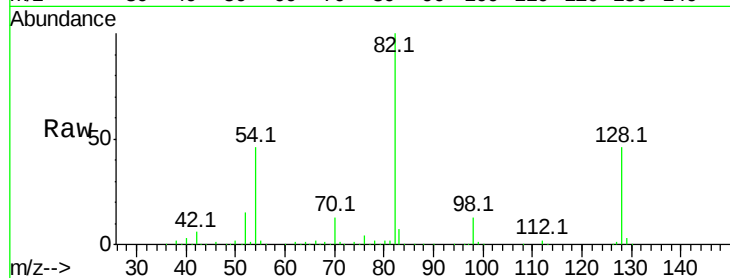
Tot Ion: 82 Resp: 799989

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

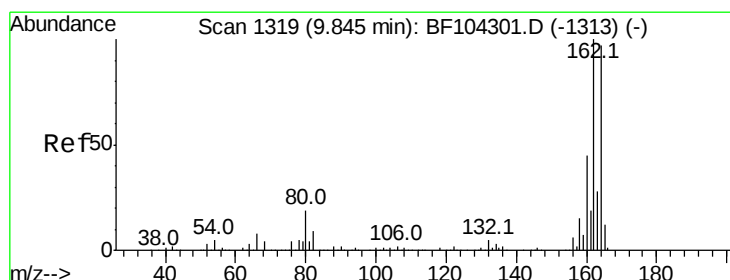
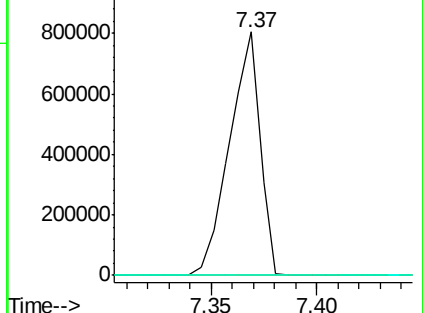
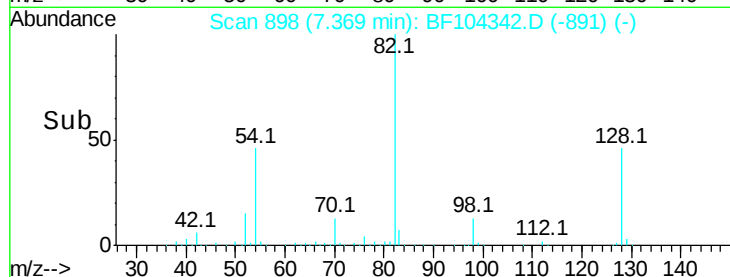
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

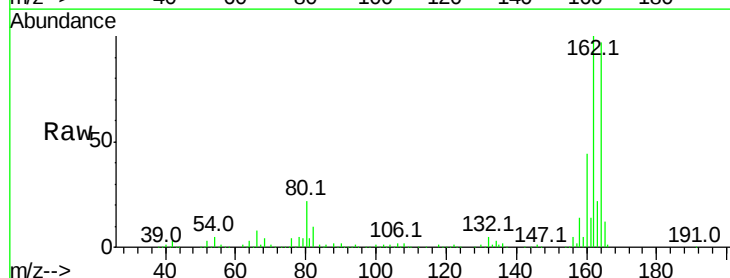
Tgt Ion:164 Resp: 245355

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

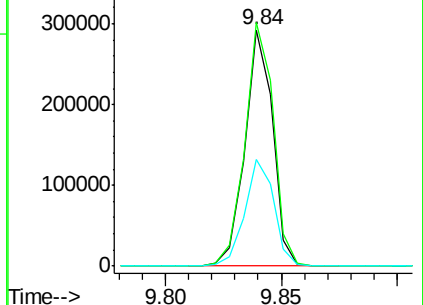
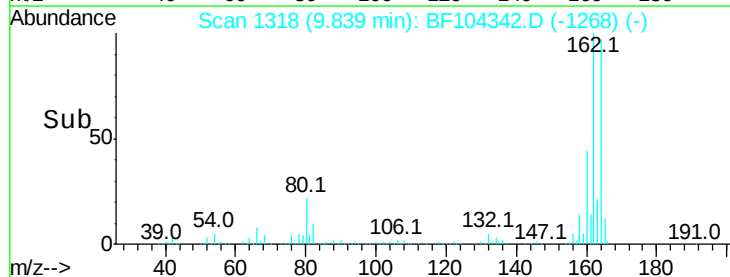
160 45.0 38.3 57.5



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

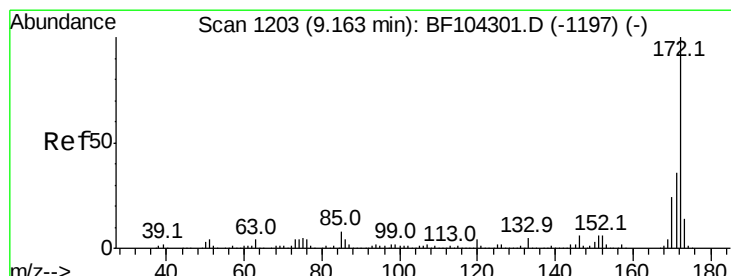
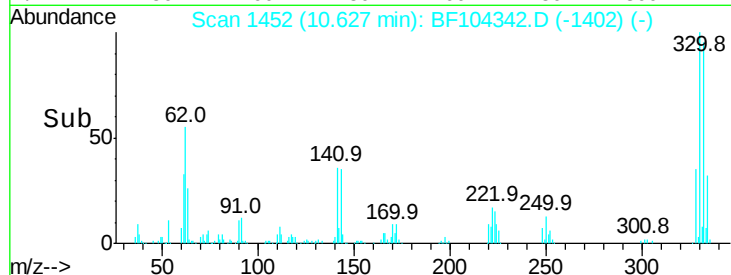
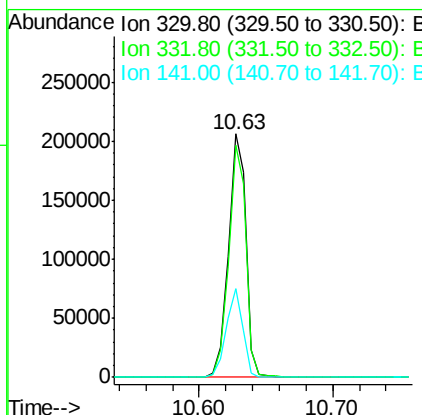
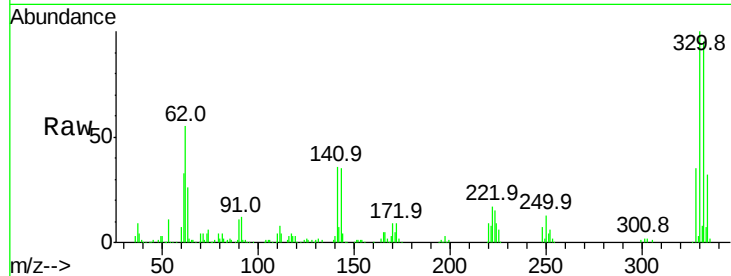




#41
 2,4,6-Tribromophenol
 Concen: 75.086 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104342.D
 Acq: 7 Apr 2018 7:39

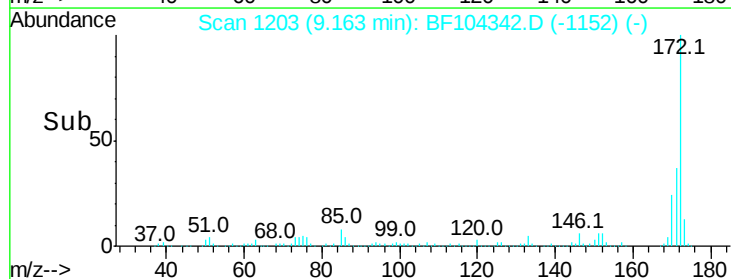
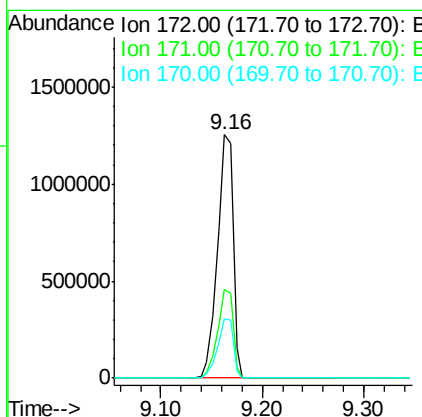
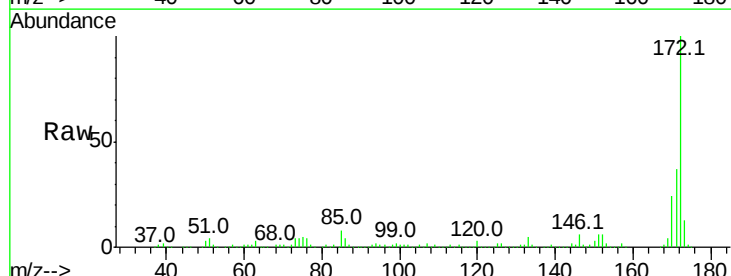
Instrument :
 BNA_F
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 040218-JETT-F-D-B

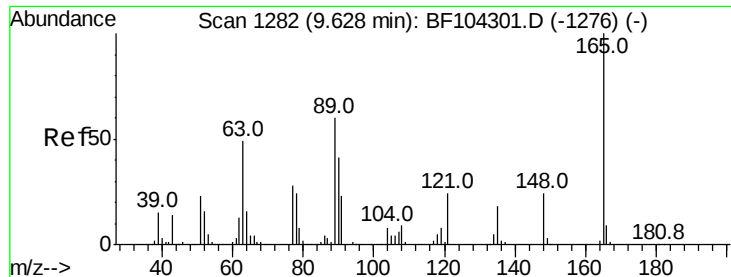
Tot Ion:330 Resp: 191103
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 34.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.912 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104342.D
 Acq: 7 Apr 2018 7:39

Tgt Ion:172 Resp: 1349857
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 19.6 29.4

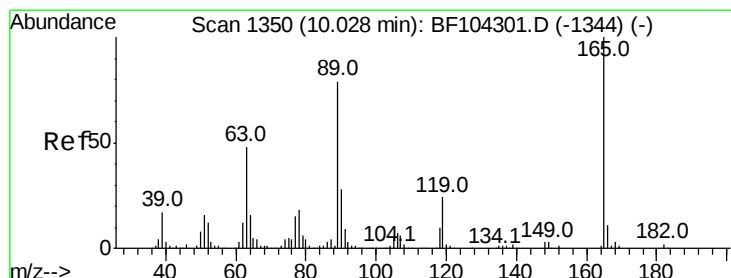
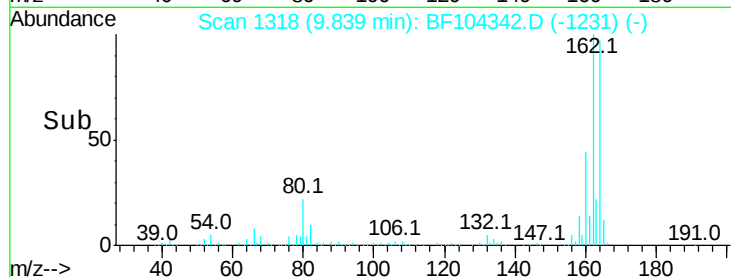
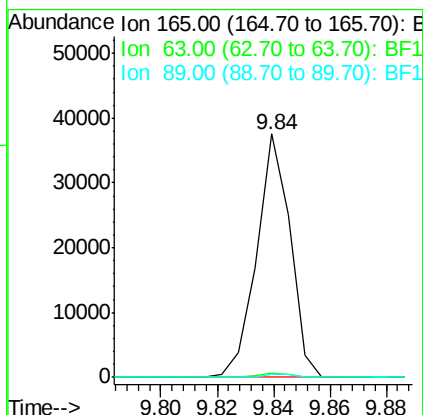
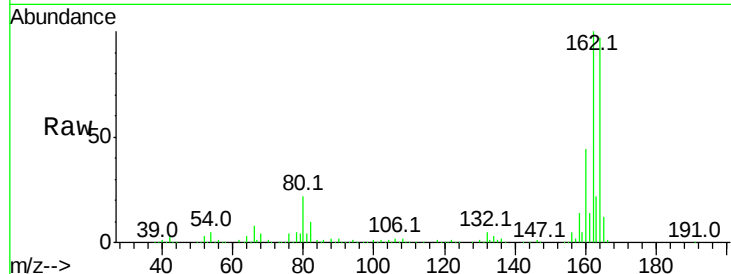




#50
2,6-Dinitrotoluene
Concen: 8.600 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

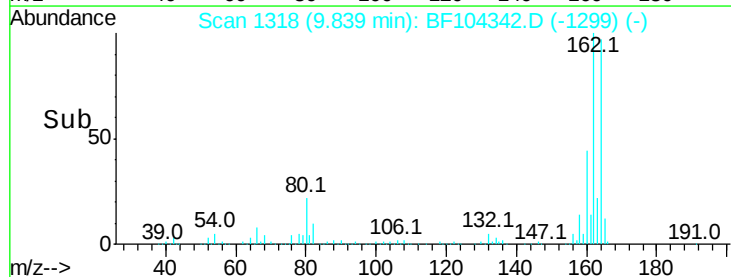
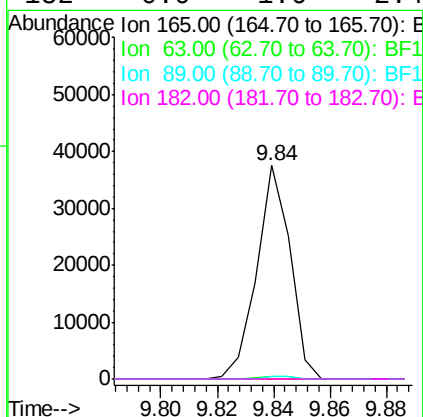
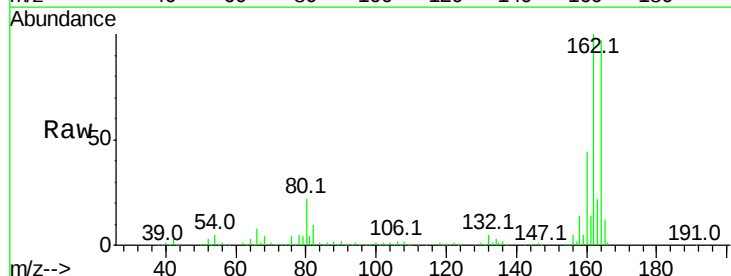
Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

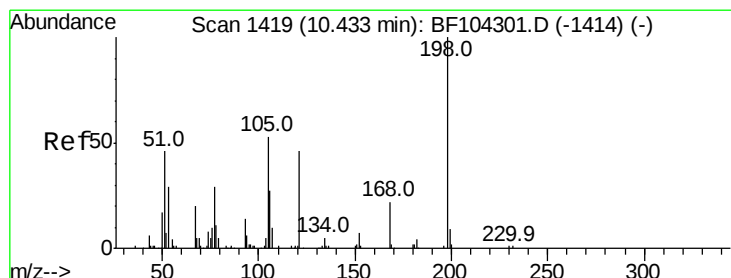
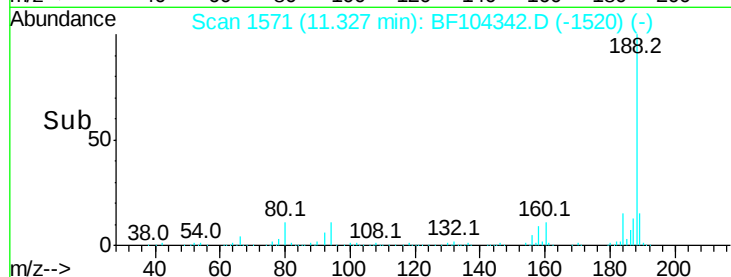
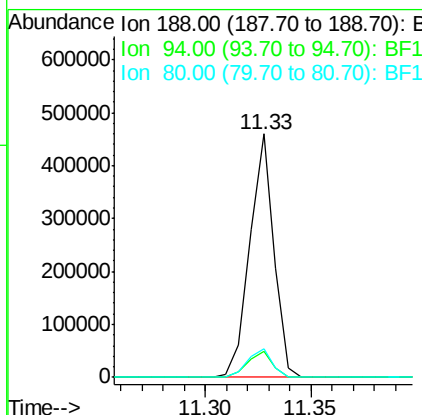
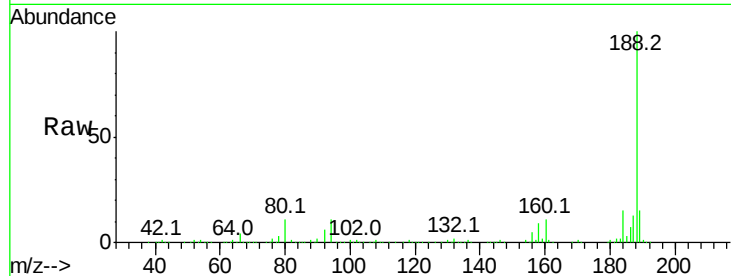




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

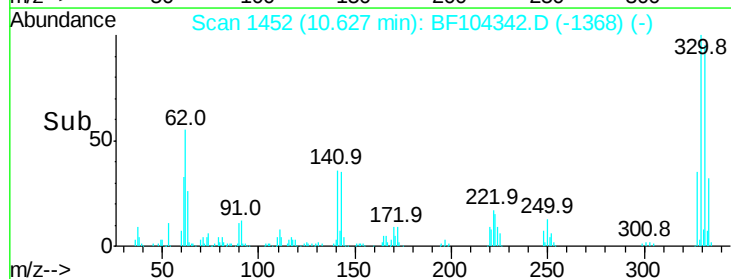
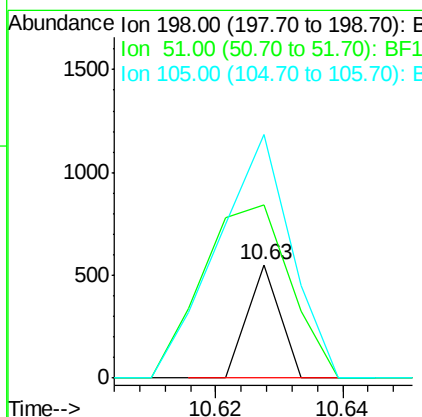
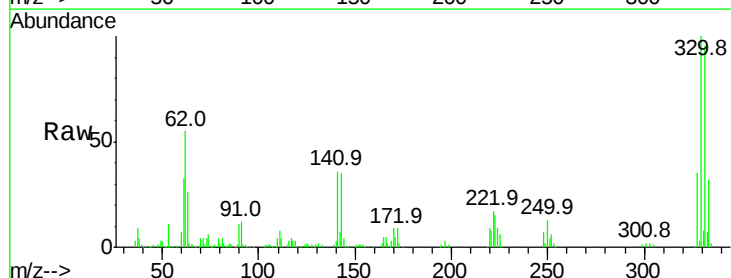
Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-B

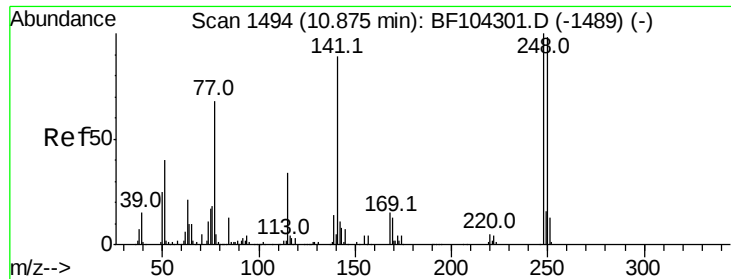
Tot Ion:188 Resp: 365121
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.439 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

Tgt Ion:198 Resp: 194
Ion Ratio Lower Upper
198 100
51 152.6 37.7 77.7#
105 214.9 36.3 76.3#

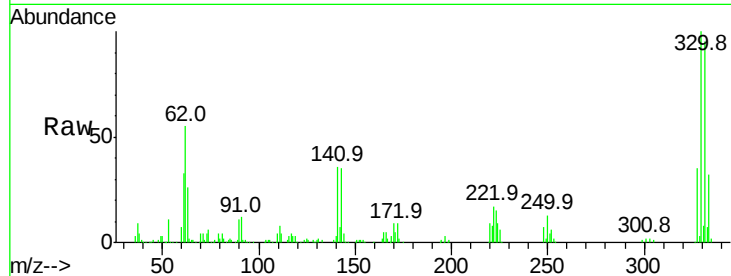




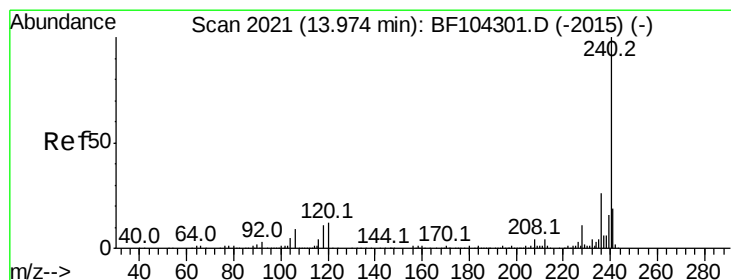
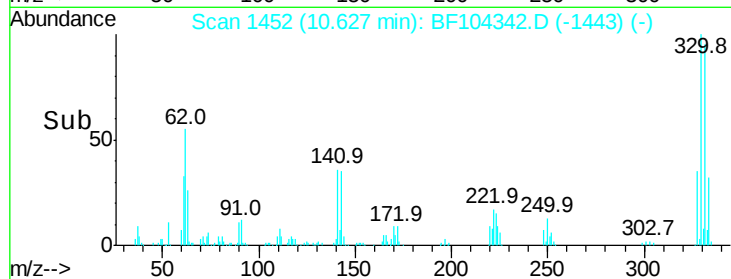
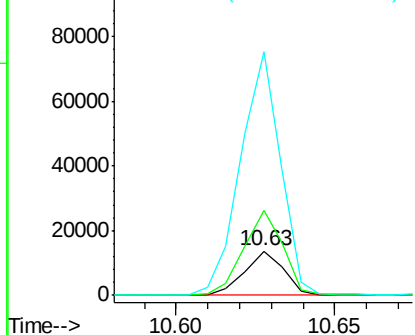
#66
4-Bromophenyl-phenylether
Concen: 3.026 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-B

Tot Ion:248 Resp: 11753
Ion Ratio Lower Upper
248 100
250 191.3 76.9 115.3#
141 550.1 74.4 111.6#

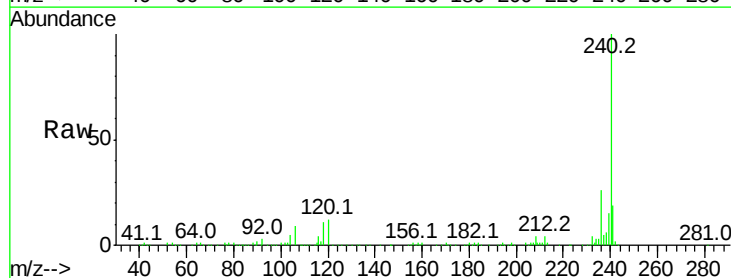


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

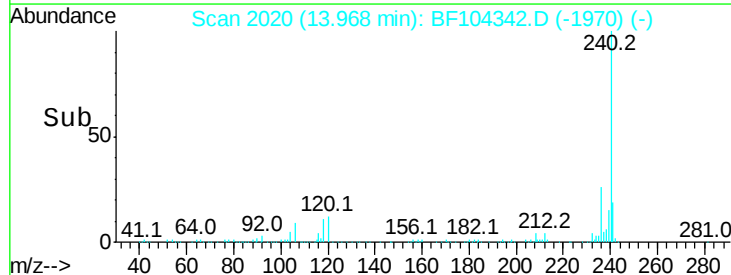
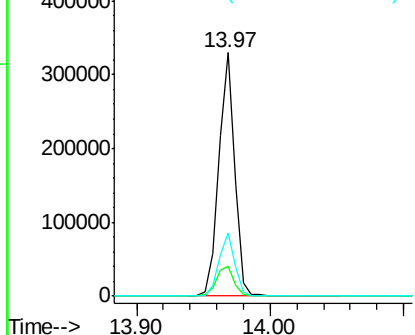


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

Tgt Ion:240 Resp: 278181
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.7 20.7 31.1



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: 83.369 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-D-B

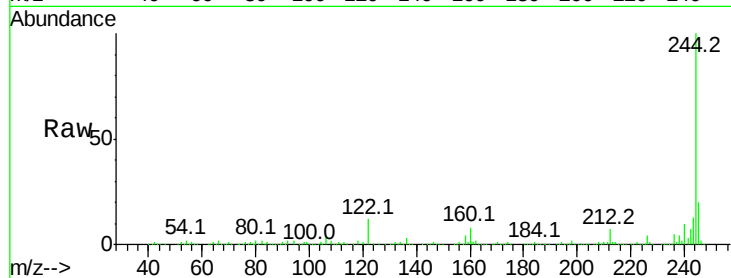
Tot Ion:244 Resp: 1017257

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

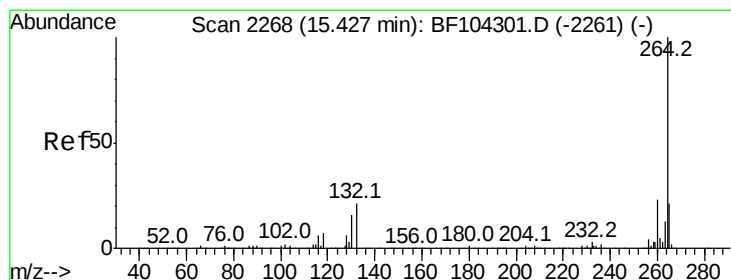
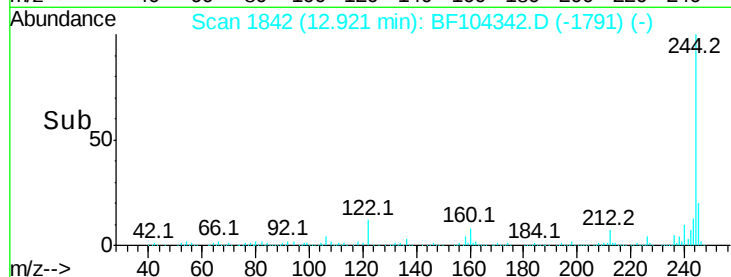
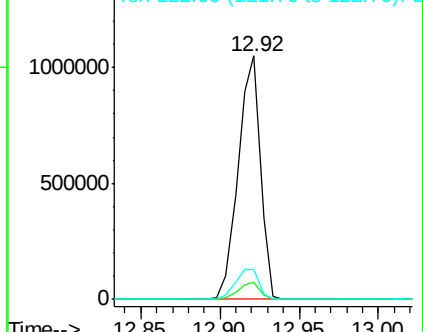
122 12.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

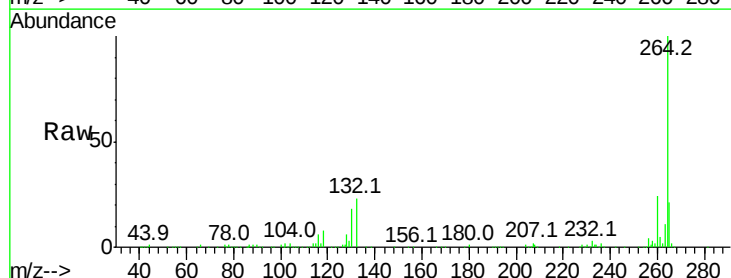
Tgt Ion:264 Resp: 255136

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

