

Data File : BF100461.D
Acq On : 12 Nov 2017 1:44
Operator : SJ/JU
Sample : I6369-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Quant Time: Nov 13 04:42:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	154318	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	563779	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	229221	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	355879	20.00	ng	0.00
75) Chrysene-d12	14.06	240	314590	20.00	ng	0.00
86) Perylene-d12	15.54	264	223357	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	416928	43.31	ng	0.00
7) Phenol-d6	6.52	99	321207	27.06	ng	-0.01
23) Nitrobenzene-d5	7.47	82	886804	103.99	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	181160	77.56	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1471845	97.77	ng	0.00
78) Terphenyl-d14	13.01	244	1044926	76.32	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	115820	14.07	ng	# 80
25) Isophorone	7.47	82	882118	49.23	ng	# 64
47) 2-Nitroaniline	9.65	65	726	2.94	ng	# 1
49) Dimethylphthalate	9.65	163	75685	4.32	ng	98
50) 2,6-Dinitrotoluene	9.94	165	28338	8.18	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	28338	6.48	ng	# 23
62) Azobenzene	10.65	77	54373	3.30	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	290	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	11756	3.08	ng	# 1

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

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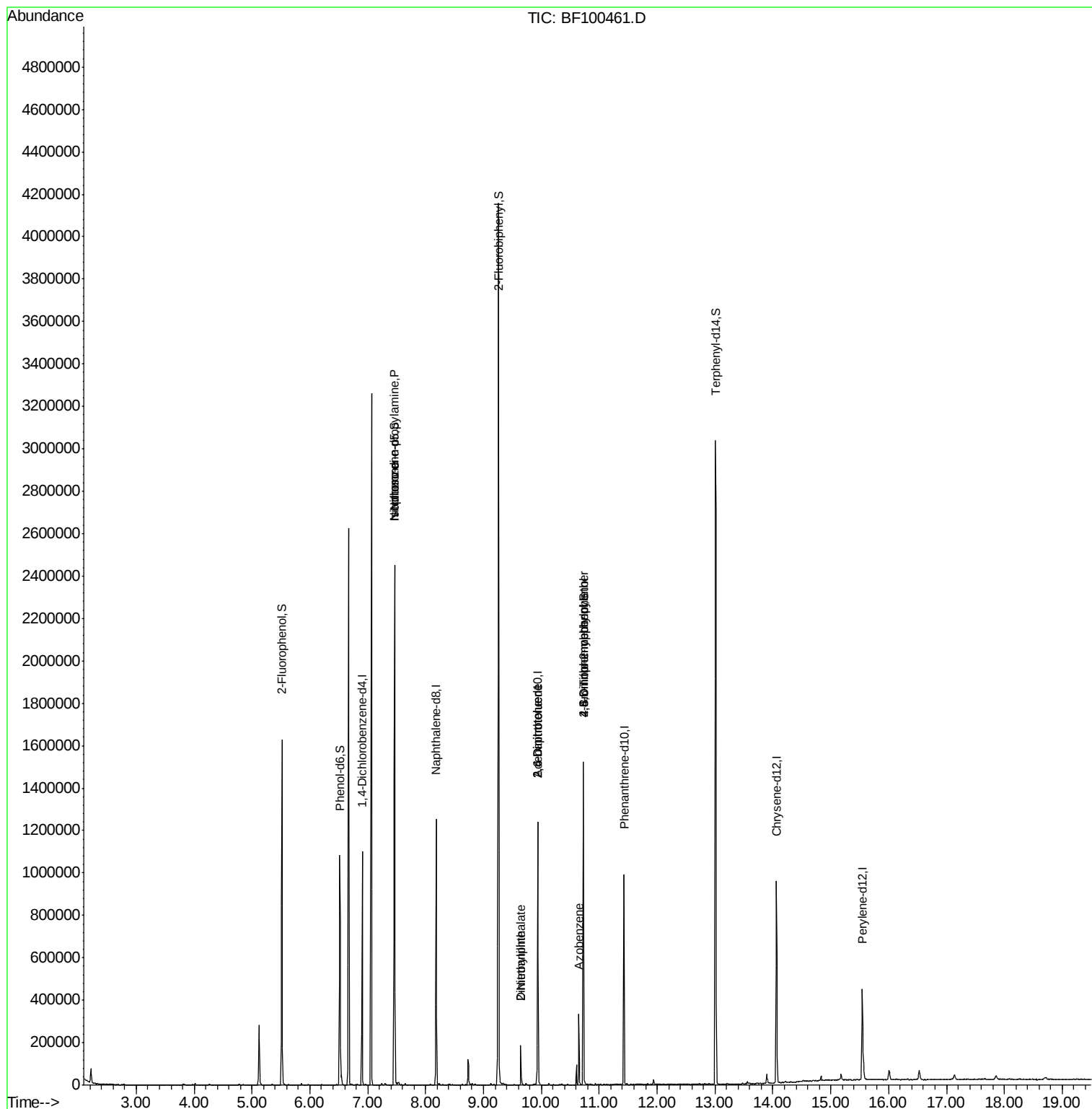
Quant Time: Nov 13 04:42:29 2017

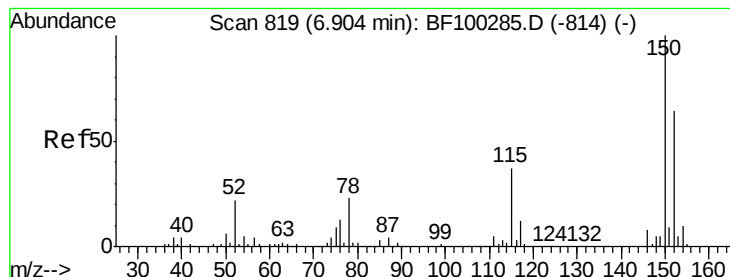
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

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Instrument :

BNA_F

ClientSampleId :

110617-JETT-F-D-S

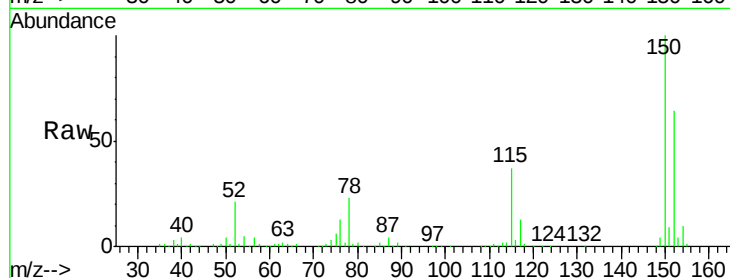
Tgt Ion:152 Resp: 154318

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

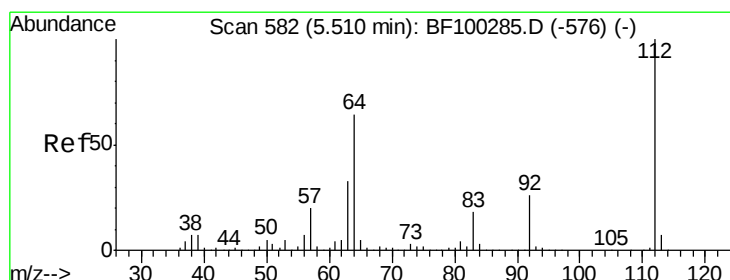
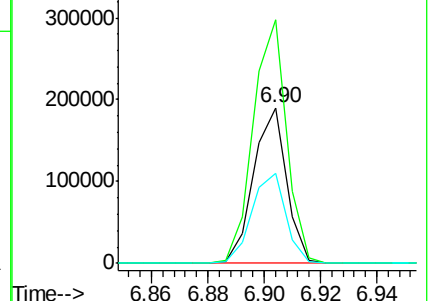
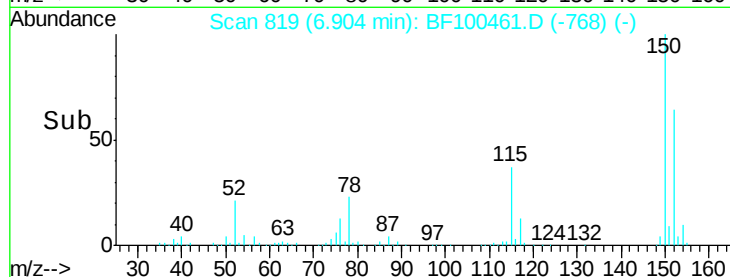
115 57.7 50.1 75.1



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: 43.31 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100461.D

Acq: 12 Nov 2017 1:44

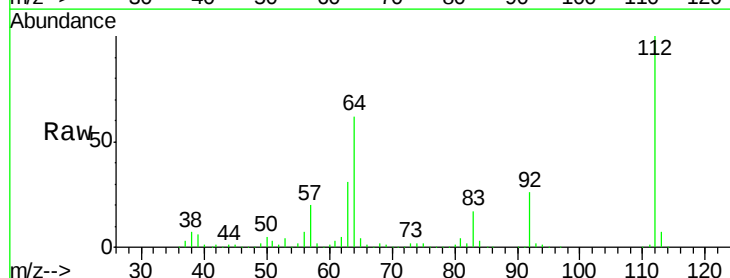
Tgt Ion:112 Resp: 416928

Ion Ratio Lower Upper

112 100

64 62.0 47.9 71.9

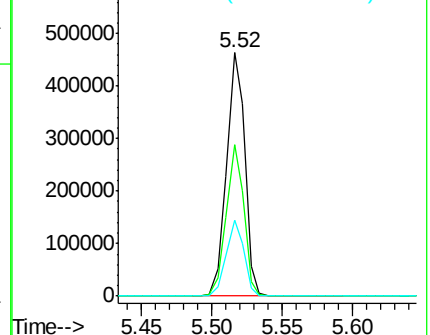
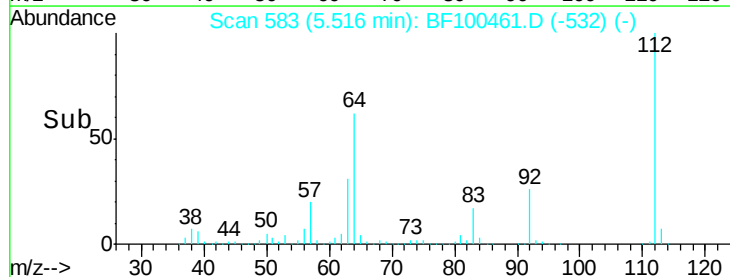
63 31.2 23.7 35.5

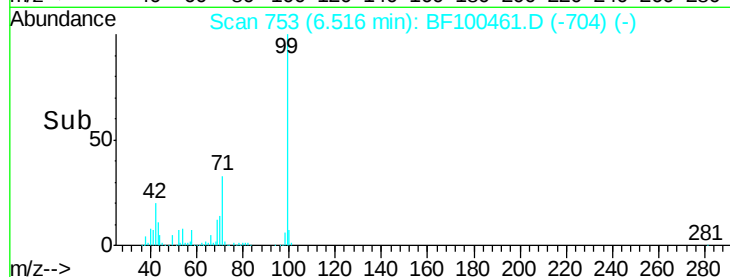
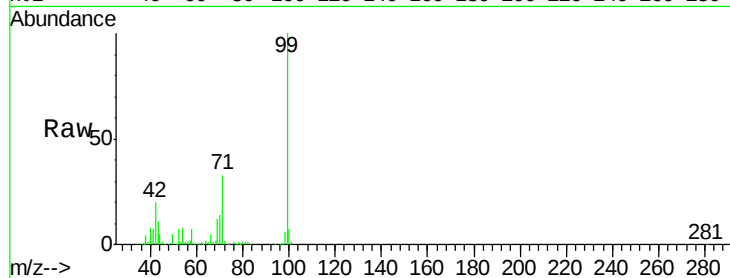


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.06 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100461.D

Acq: 12 Nov 2017 1:44

Instrument :

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110617-JETT-F-D-S

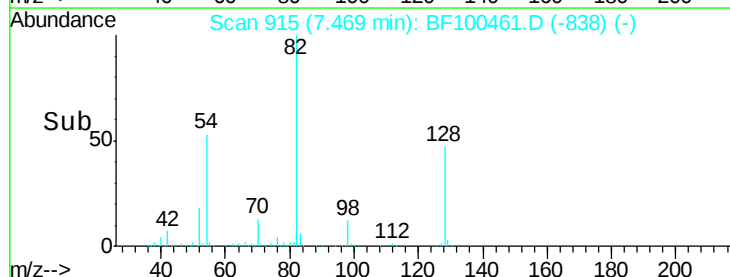
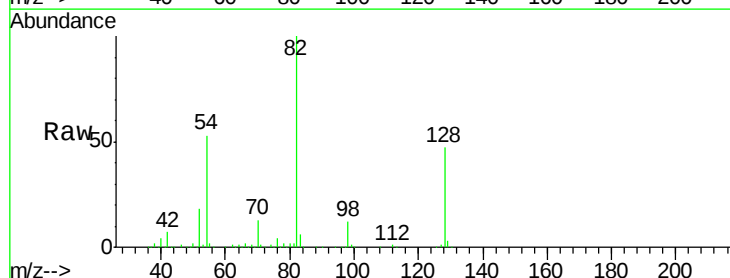
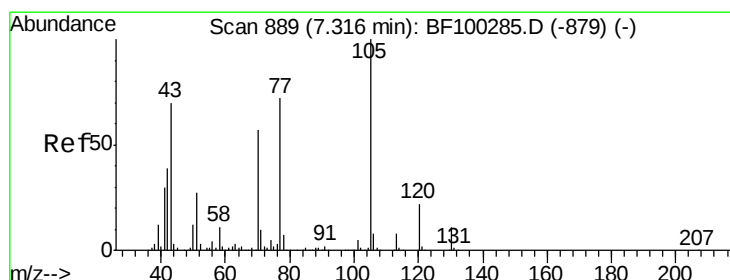
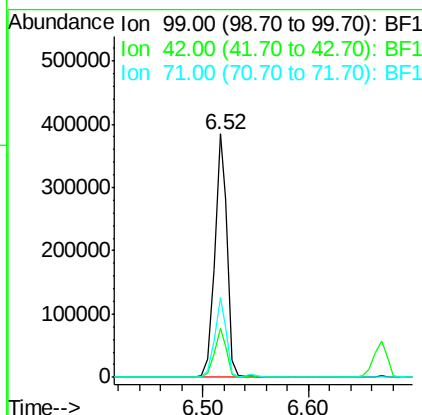
Tgt Ion: 99 Resp: 321207

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.07 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100461.D

Acq: 12 Nov 2017 1:44

Tgt Ion: 70 Resp: 115820

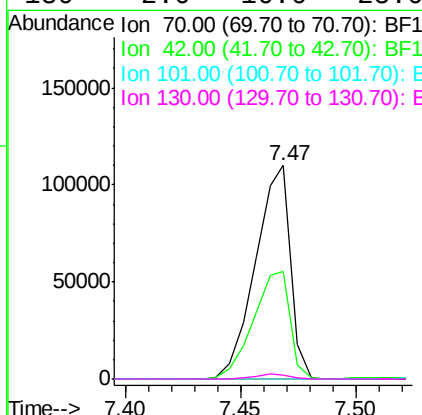
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

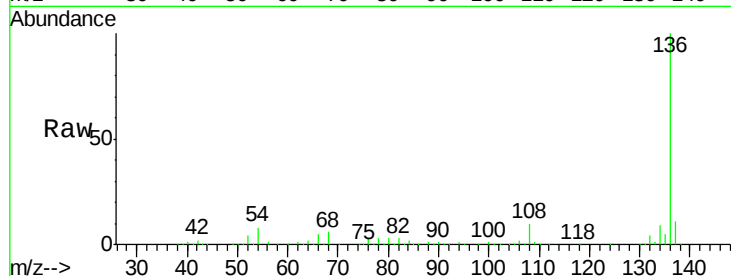




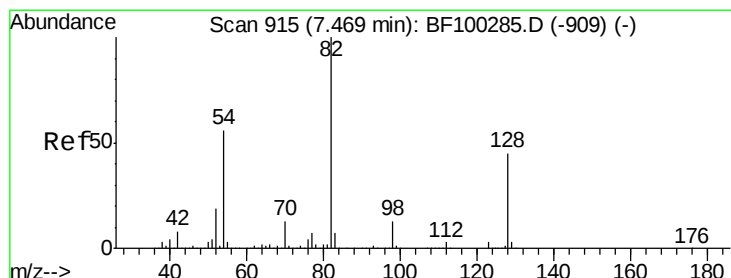
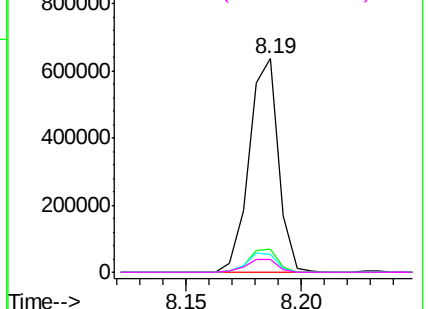
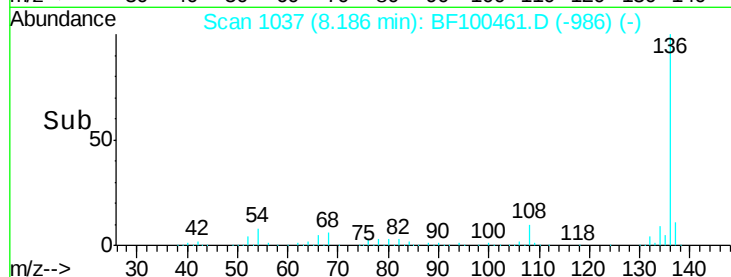
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:	136	Resp:	563779
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

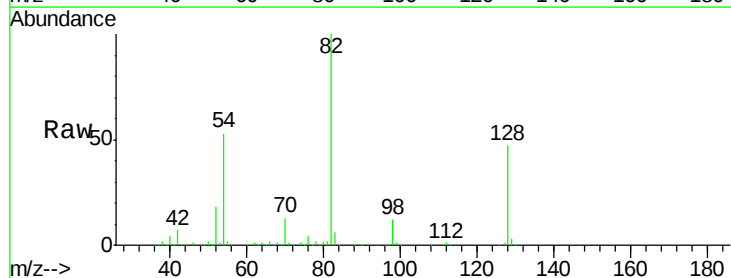


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

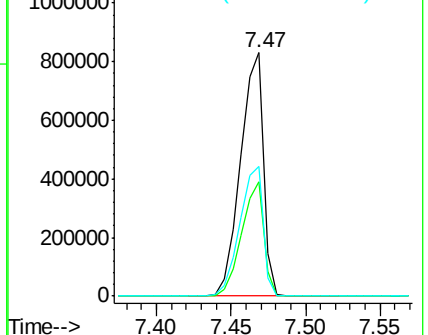
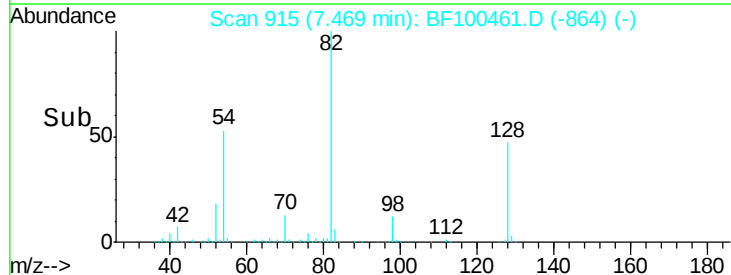


#23
Nitrobenzene-d5
Concen: 103.99 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:	82	Resp:	886804
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	53.5	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: 49.23 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100461.D

Acq: 12 Nov 2017 1:44

Instrument :

BNA_F

ClientSampleId :

110617-JETT-F-D-S

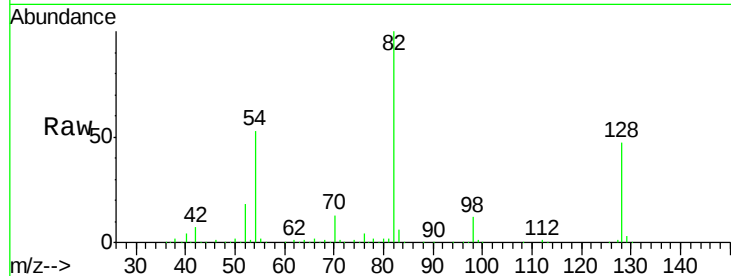
Tgt Ion: 82 Resp: 882118

Ion Ratio Lower Upper

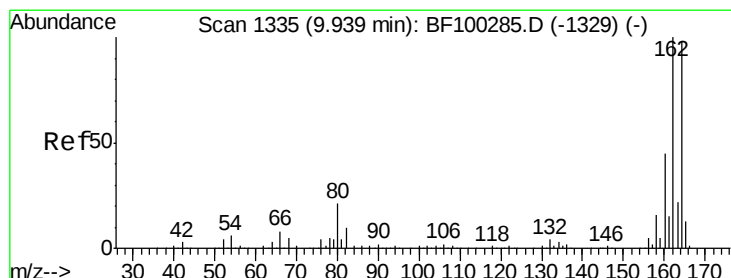
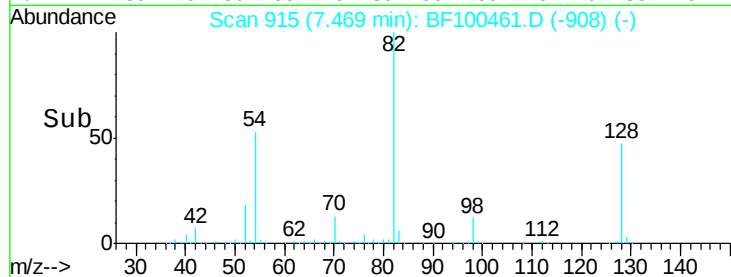
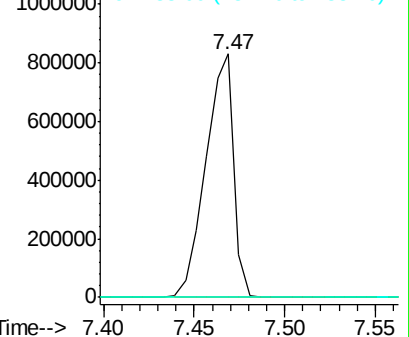
82 100

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: 20.00 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100461.D

Acq: 12 Nov 2017 1:44

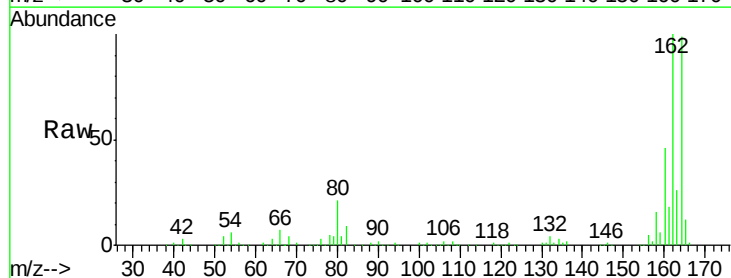
Tgt Ion: 164 Resp: 229221

Ion Ratio Lower Upper

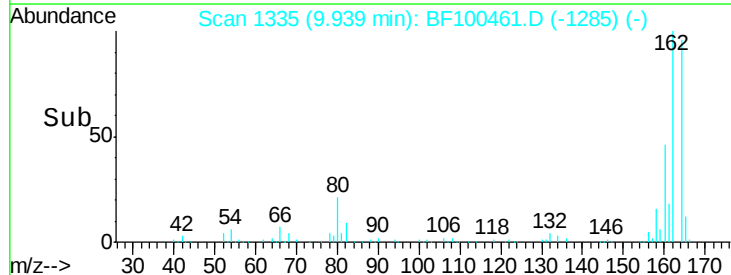
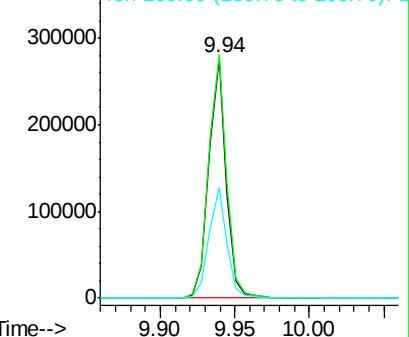
164 100

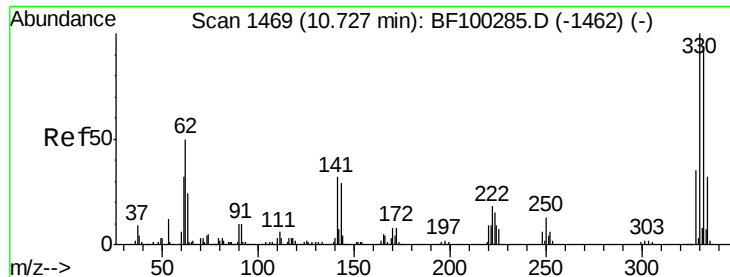
162 101.5 86.1 129.1

160 46.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

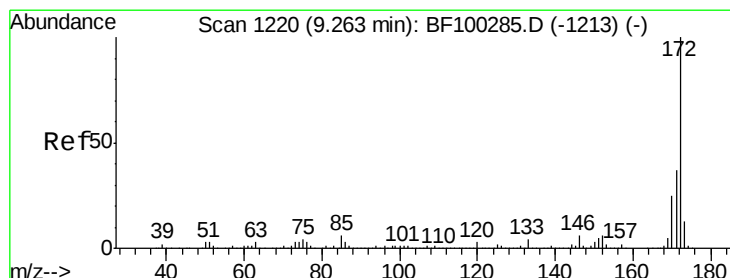
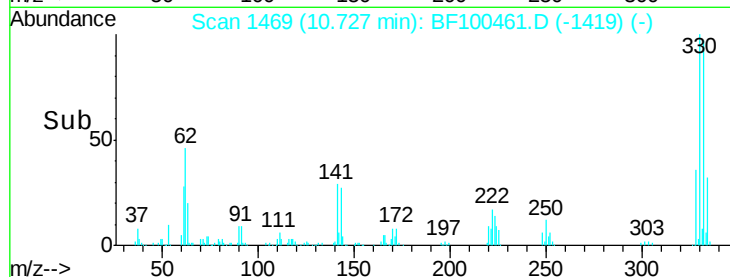
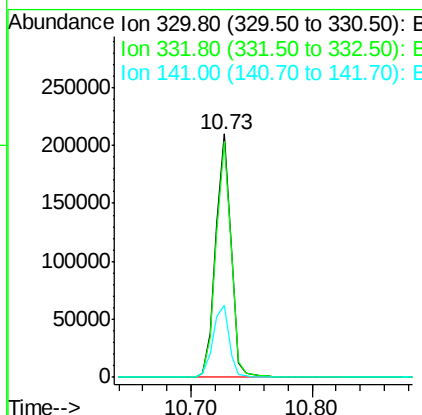
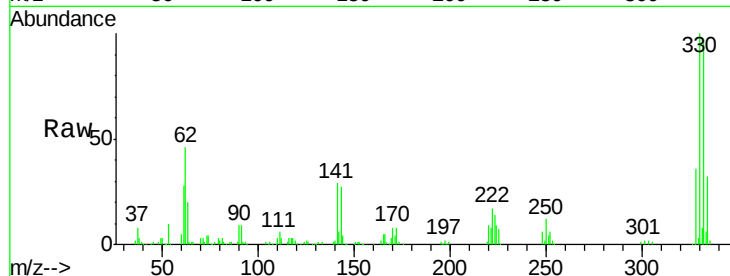




#41
 2,4,6-Tribromophenol
 Concen: 77.56 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100461.D
 Acq: 12 Nov 2017 1:44

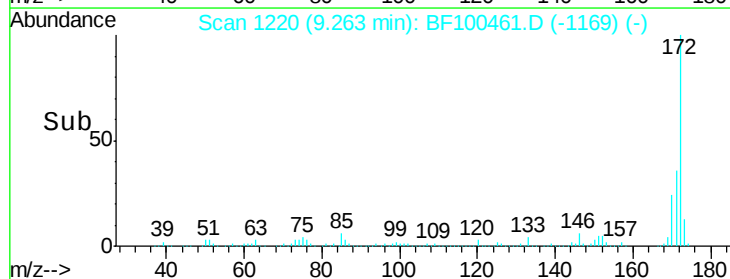
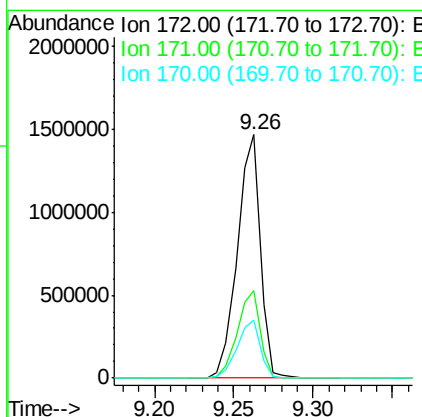
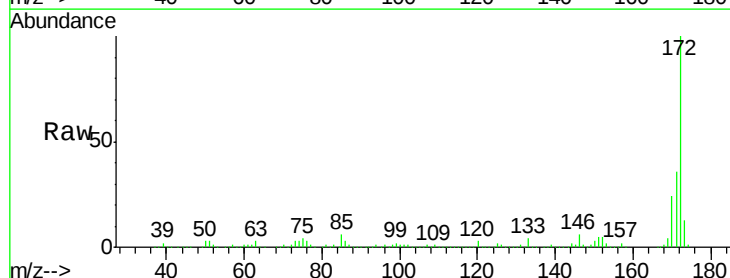
Instrument :
 BNA_F
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 110617-JETT-F-D-S

Tgt Ion:330 Resp: 181160
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 31.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 97.77 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100461.D
 Acq: 12 Nov 2017 1:44

Tgt Ion:172 Resp: 1471845
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.9 19.6 29.4

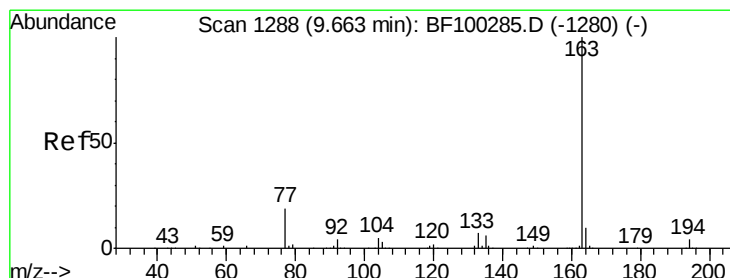
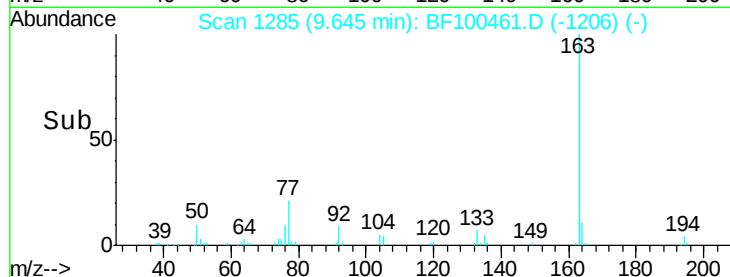
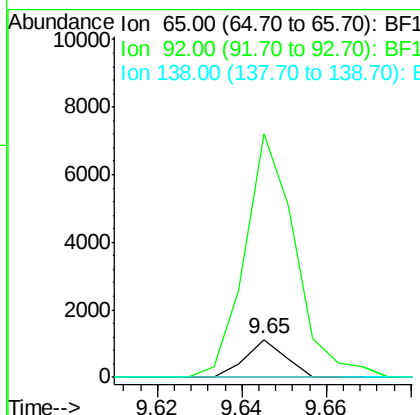
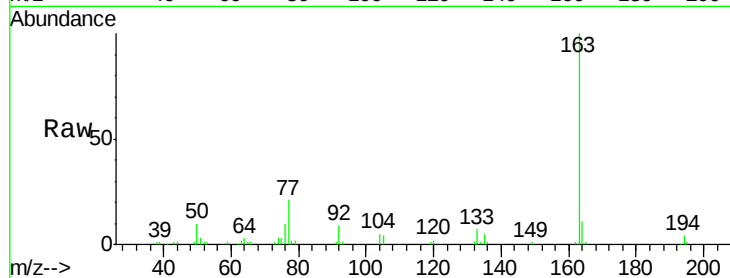




#47
2-Nitroaniline
Concen: 2.94 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

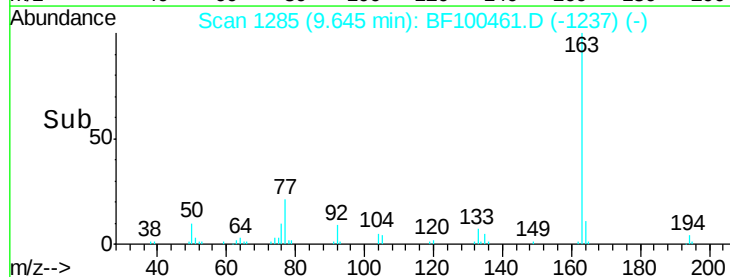
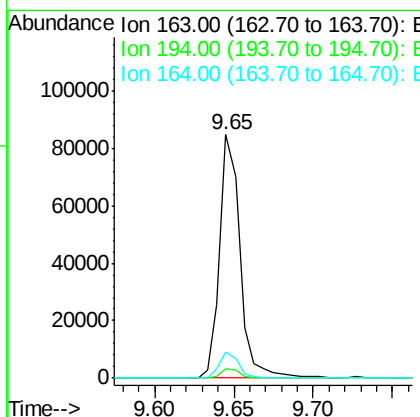
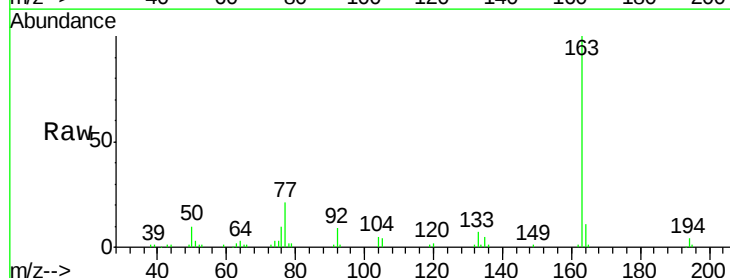
Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

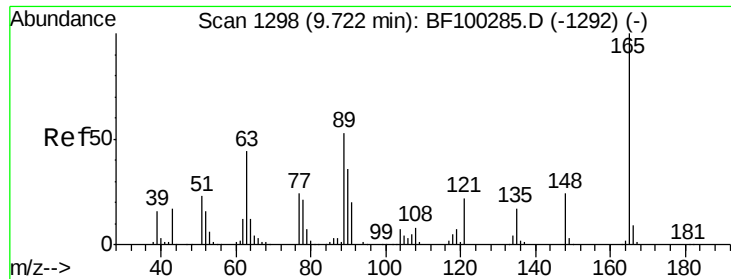
Tgt Ion: 65 Resp: 726
Ion Ratio Lower Upper
65 100
92 648.1 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 4.32 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion: 163 Resp: 75685
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.8 8.2 12.2

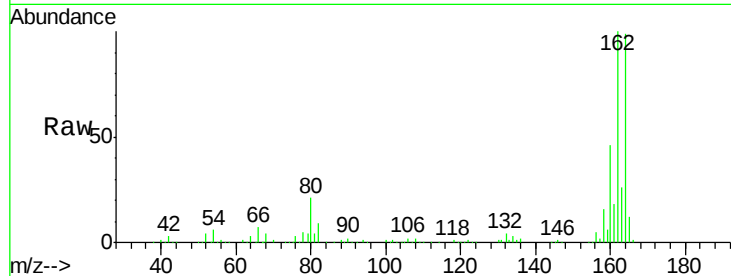




#50
 2,6-Dinitrotoluene
 Concen: 8.18 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100461.D
 Acq: 12 Nov 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 110617-JETT-F-D-S

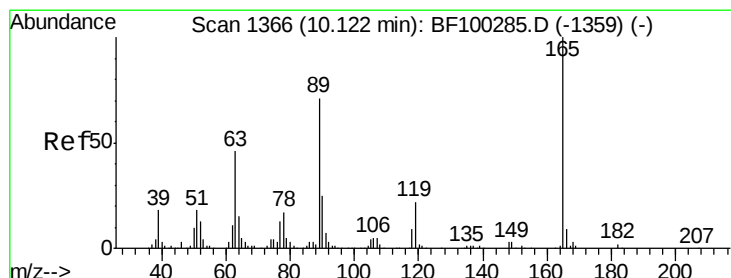
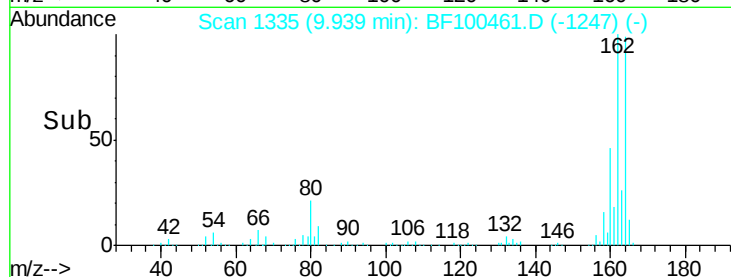
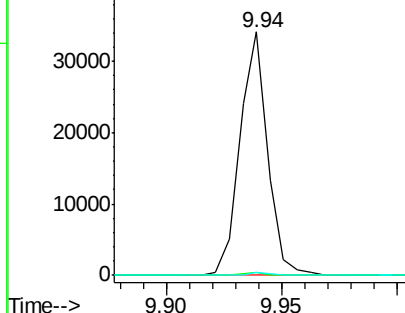
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100461.D
 Acq: 12 Nov 2017 1:44

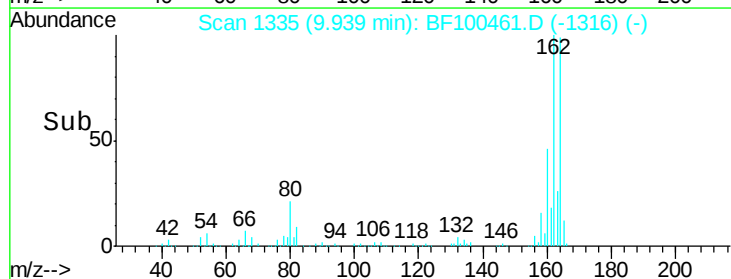
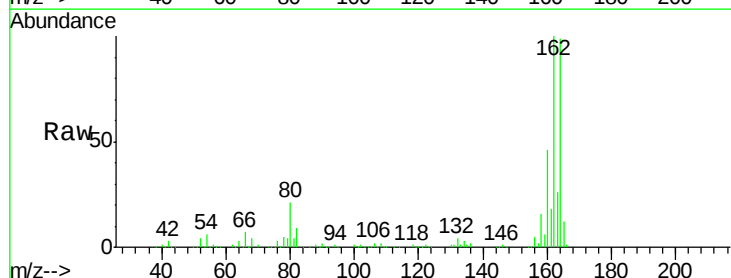
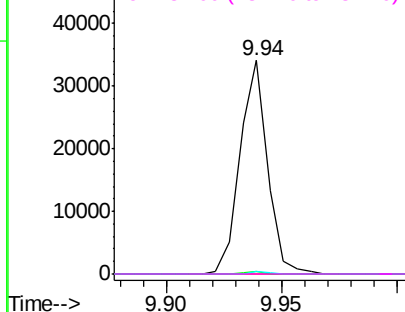
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

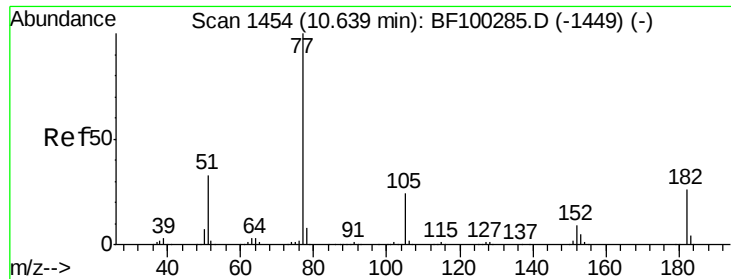
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

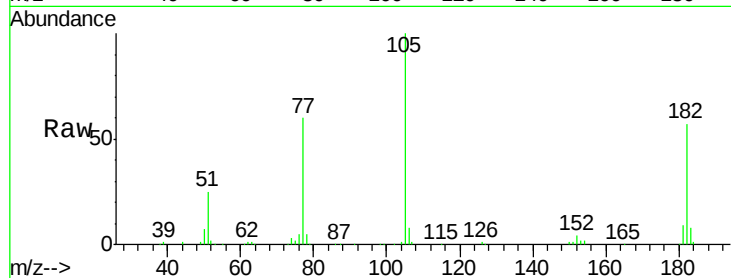




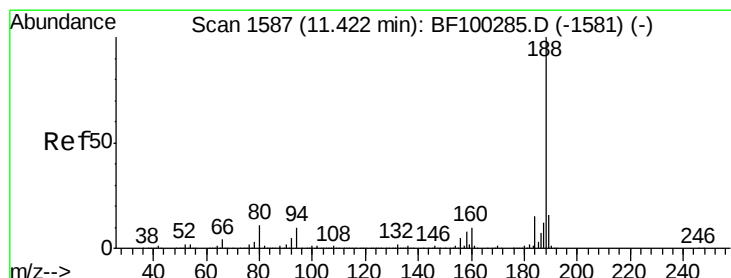
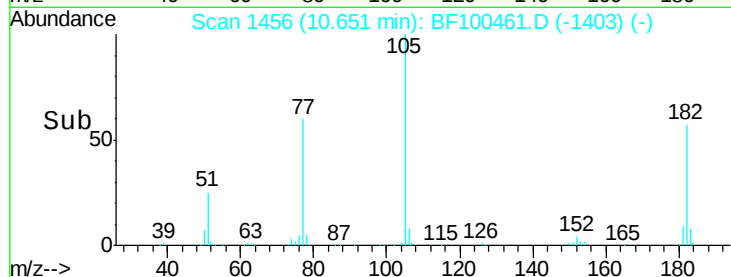
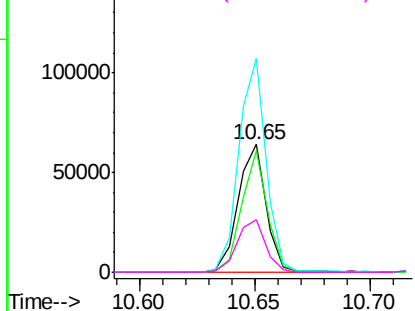
#62
Azobenzene
Concen: 3.30 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion: 77 Resp: 54373
Ion Ratio Lower Upper
77 100
182 95.2 1.7 41.7#
105 167.3 3.0 43.0#
51 41.0 9.9 49.9

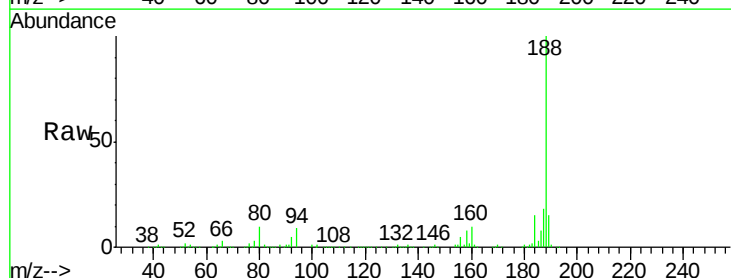


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

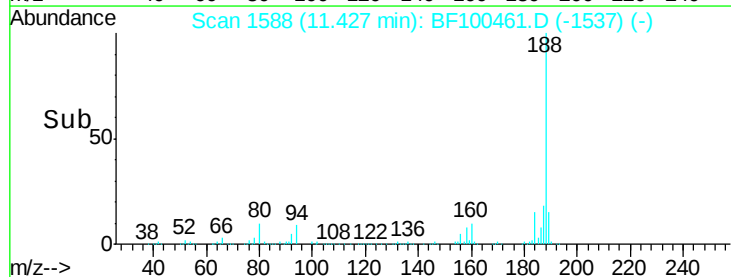
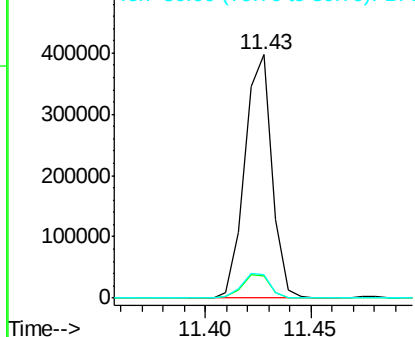


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion: 188 Resp: 355879
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

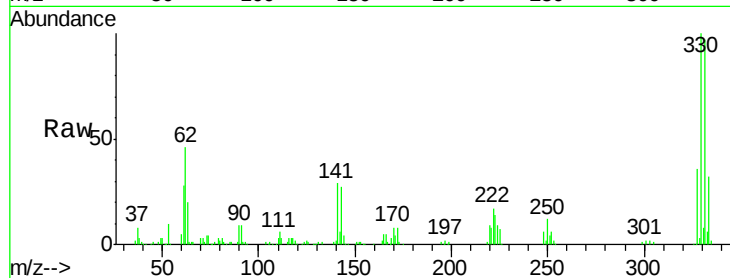




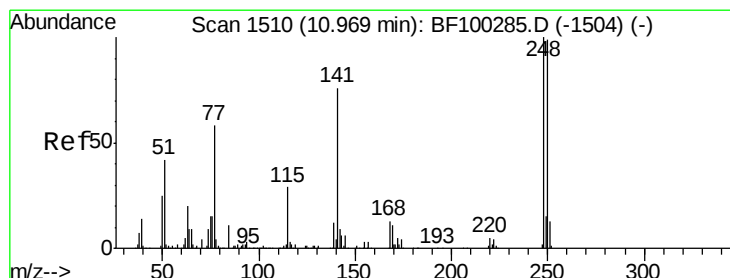
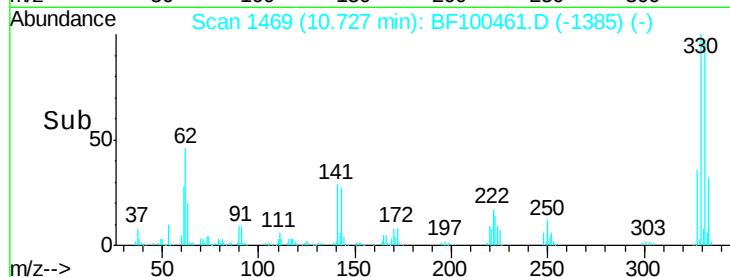
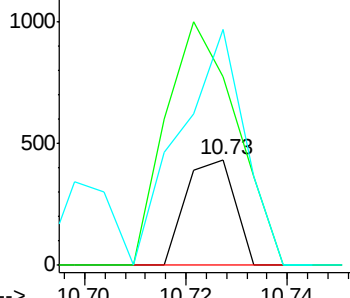
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.70 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.19 min
 Lab File: BF100461.D
 Acq: 12 Nov 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 110617-JETT-F-D-S

Tgt Ion:198 Resp: 290
 Ion Ratio Lower Upper
 198 100
 51 178.7 37.7 77.7#
 105 223.6 36.3 76.3#

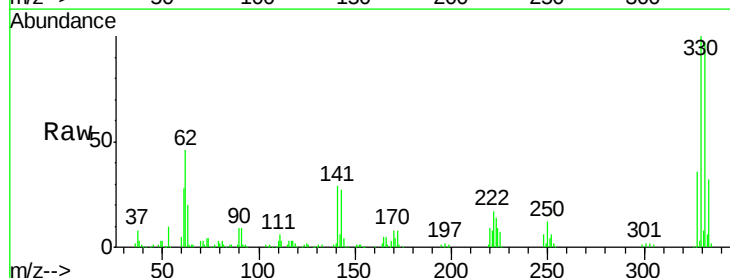


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

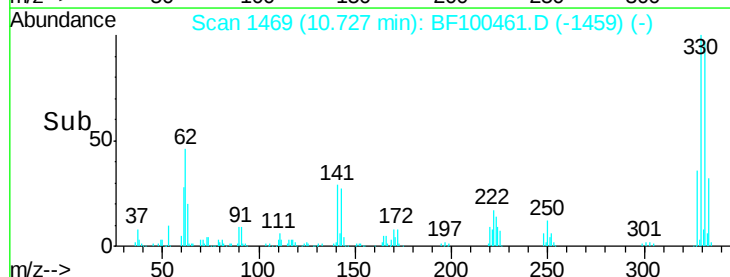
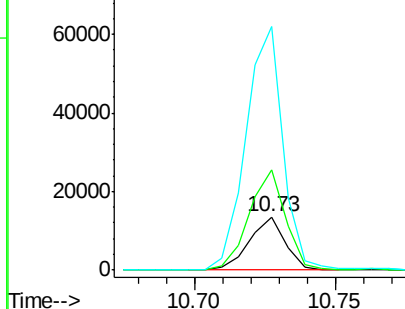


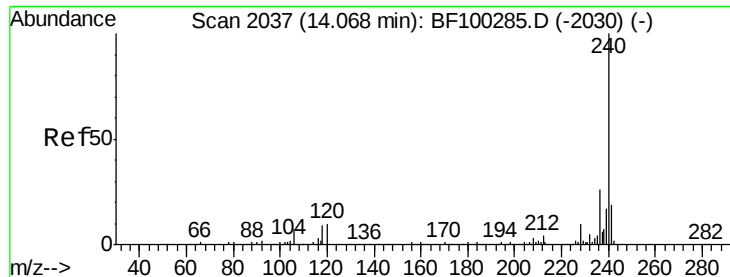
#66
 4-Bromophenyl-phenylether
 Concen: 3.08 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100461.D
 Acq: 12 Nov 2017 1:44

Tgt Ion:248 Resp: 11756
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.9 115.3#
 141 457.3 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: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100461.D

Acq: 12 Nov 2017 1:44

Instrument :

BNA_F

ClientSampleId :

110617-JETT-F-D-S

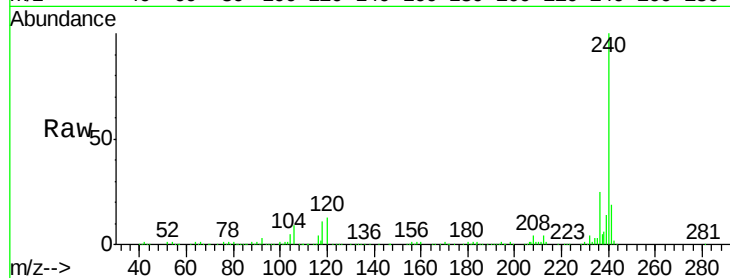
Tgt Ion:240 Resp: 314590

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

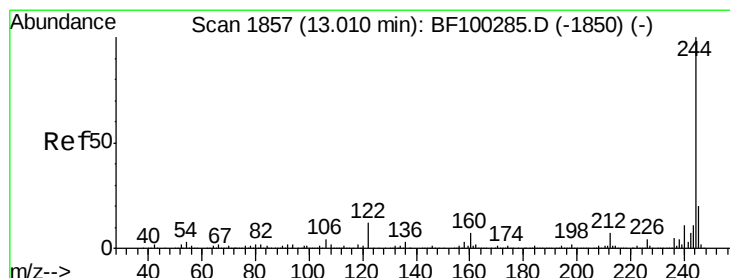
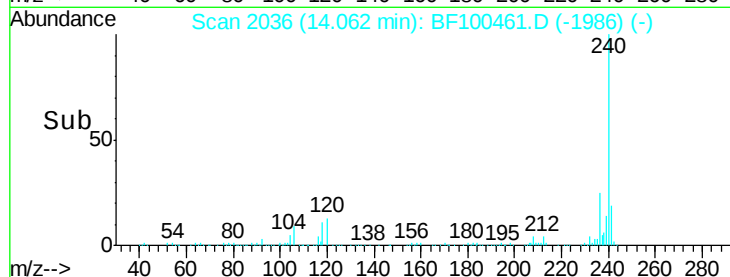
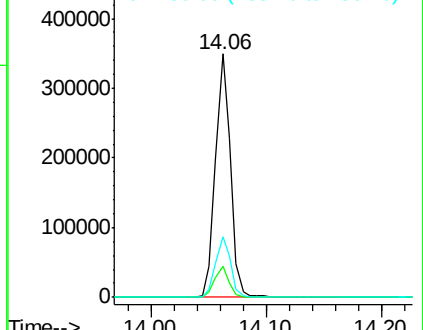
236 25.0 20.7 31.1



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: 76.32 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100461.D

Acq: 12 Nov 2017 1:44

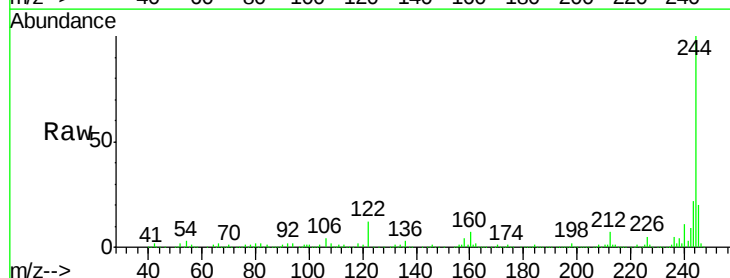
Tgt Ion:244 Resp: 1044926

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

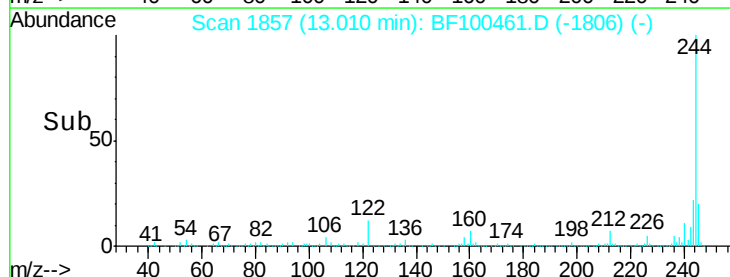
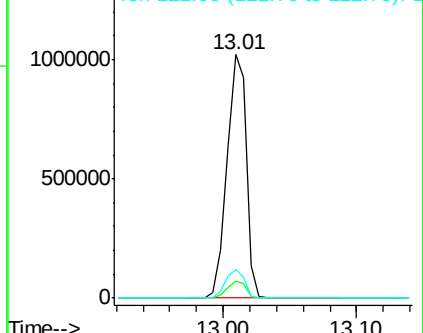
122 11.9 11.0 16.4

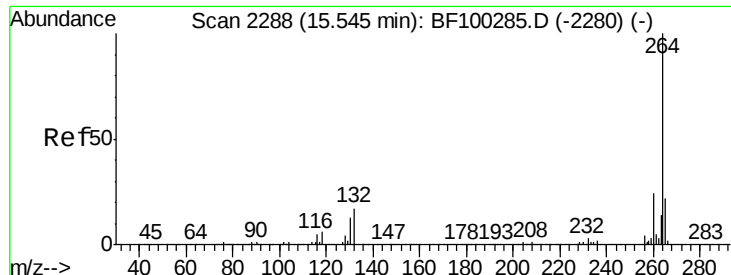


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

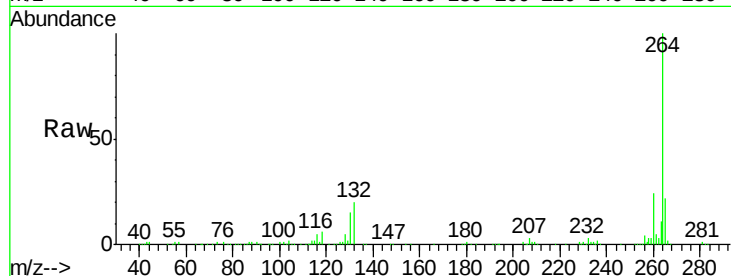




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	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

