

Data File : BF100651.D
Acq On : 17 Nov 2017 1:26
Operator : SJ/JU
Sample : I6490-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-S

Quant Time: Nov 17 03:00:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	107358	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	419357	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175490	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	280939	20.00	ng	0.00
75) Chrysene-d12	14.04	240	219602	20.00	ng	0.00
86) Perylene-d12	15.52	264	195196	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	295257	44.09	ng	0.00
7) Phenol-d6	6.50	99	222314	26.92	ng	-0.01
23) Nitrobenzene-d5	7.45	82	644856	101.66	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	141170	78.94	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1185120	102.83	ng	0.00
78) Terphenyl-d14	12.99	244	775296	81.12	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	84766	14.80	ng	# 80
25) Isophorone	7.45	82	642894	48.23	ng	# 64
47) 2-Nitroaniline	9.24	65	1618	3.25	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	22491	8.48	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	22491	6.72	ng	# 23
62) Azobenzene	10.63	77	33367	2.64	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	149	8.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8587	2.85	ng	# 1

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

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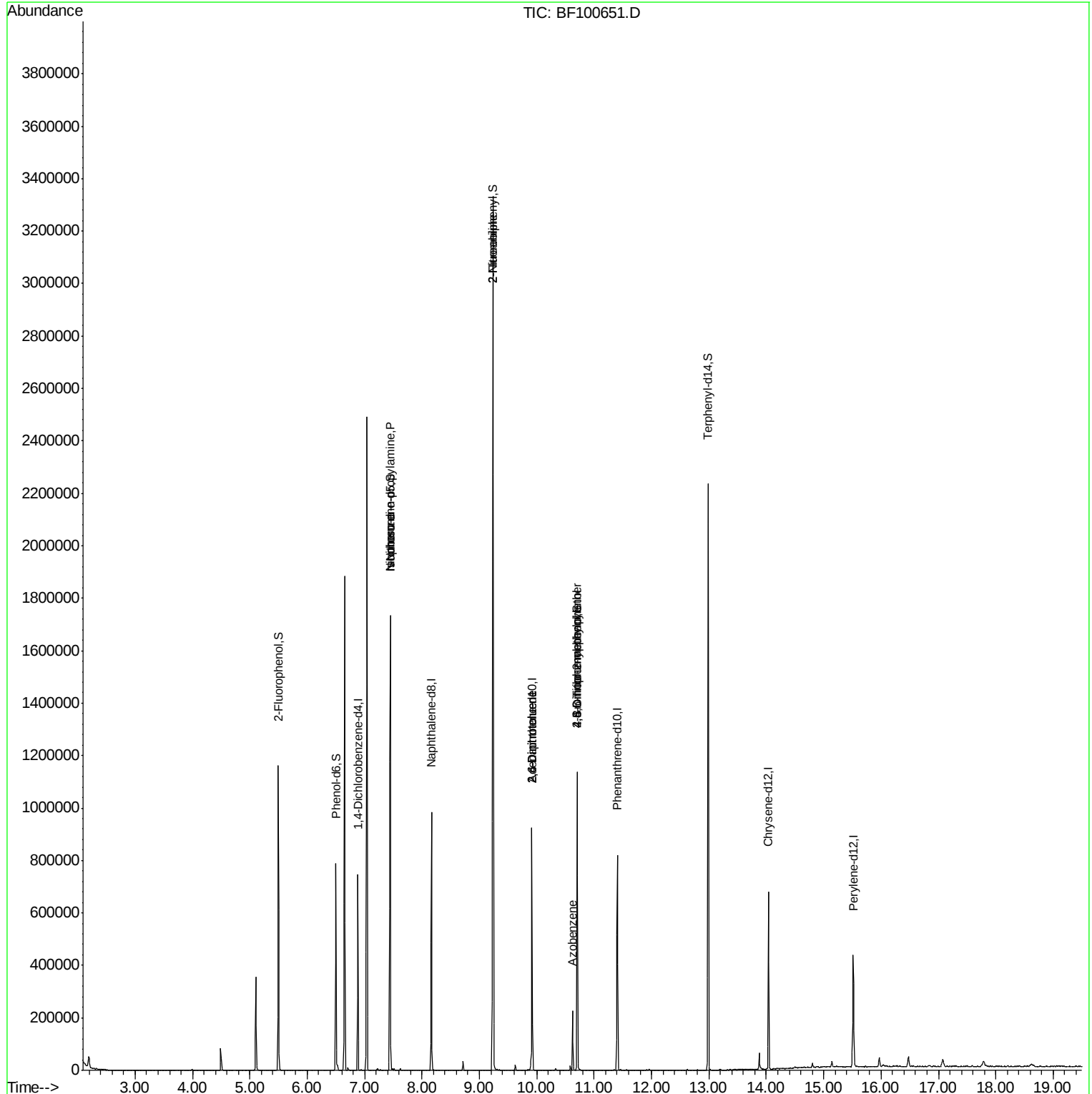
Quant Time: Nov 17 03:00:28 2017

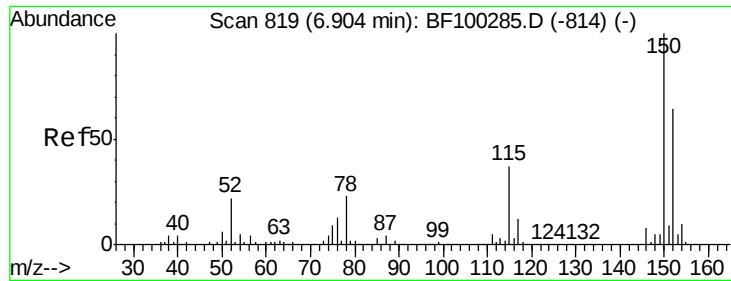
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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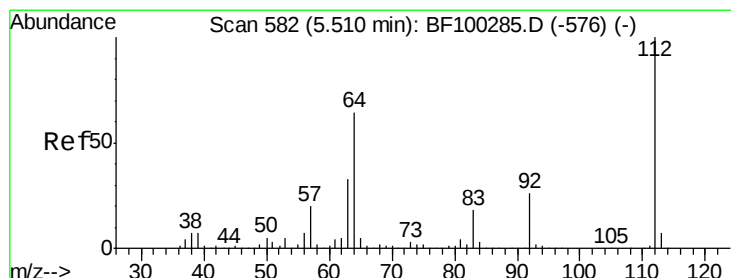
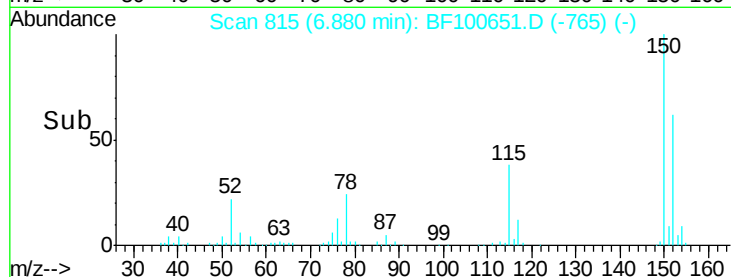
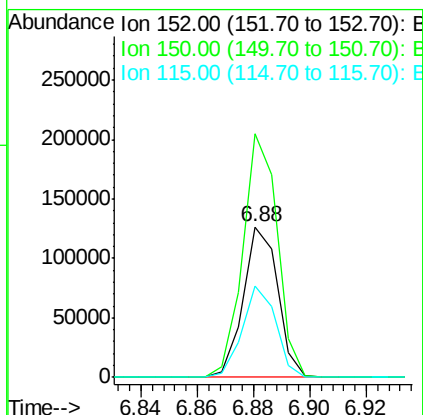
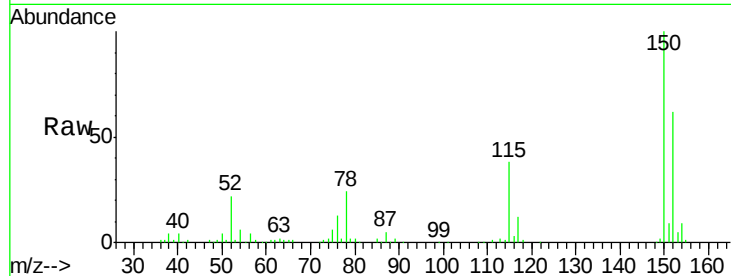


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100651.D
Acq: 17 Nov 2017 1:26

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-S

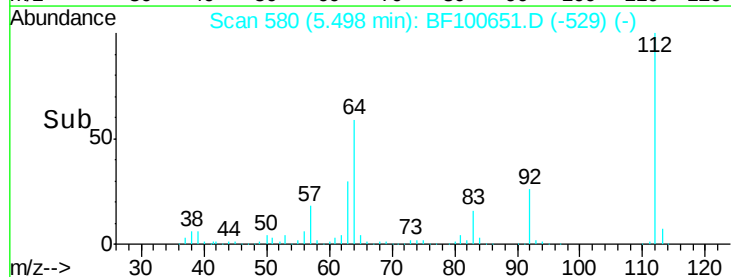
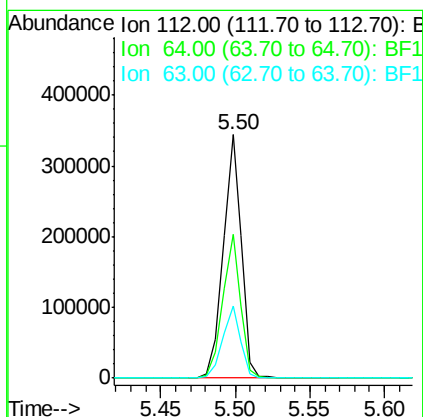
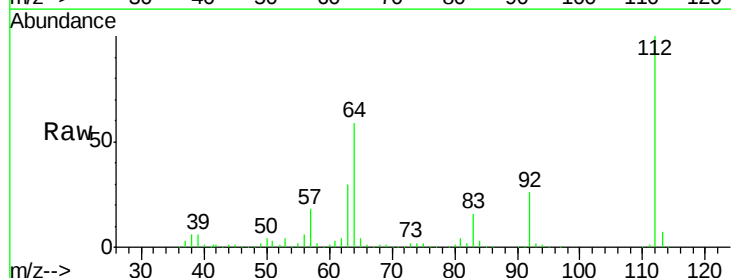
Tgt Ion:152 Resp: 107358
Ion Ratio Lower Upper
152 100
150 161.5 124.6 186.8
115 60.9 50.1 75.1



#5

2-Fluorophenol
Concen: 44.09 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF100651.D
Acq: 17 Nov 2017 1:26

Tgt Ion:112 Resp: 295257
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 26.92 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-S

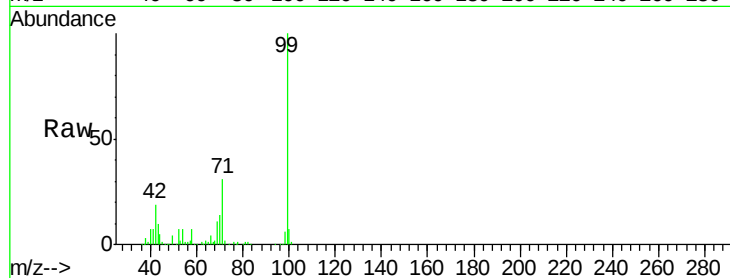
Tgt Ion: 99 Resp: 222314

Ion Ratio Lower Upper

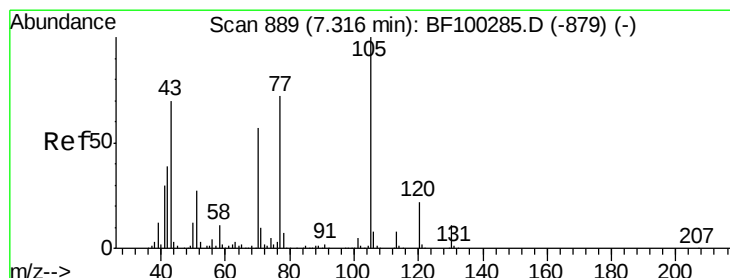
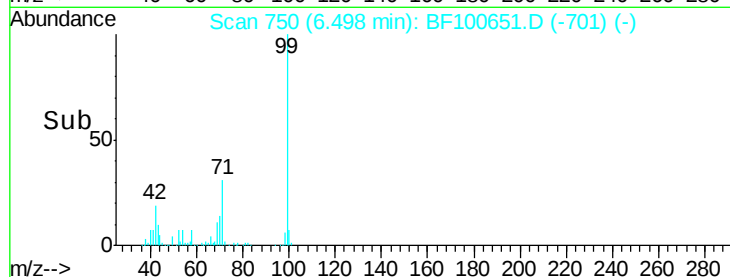
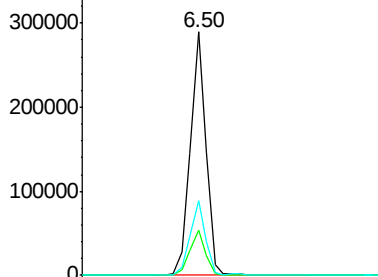
99 100

42 18.5 14.5 21.7

71 30.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.80 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

Tgt Ion: 70 Resp: 84766

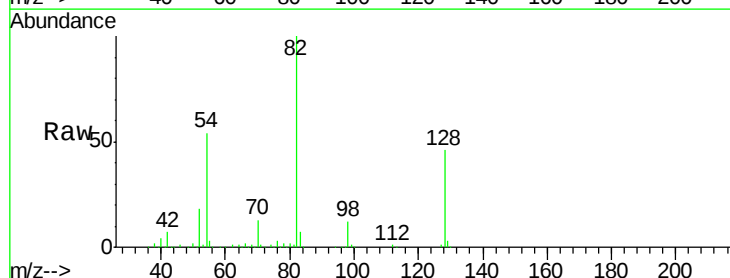
Ion Ratio Lower Upper

70 100

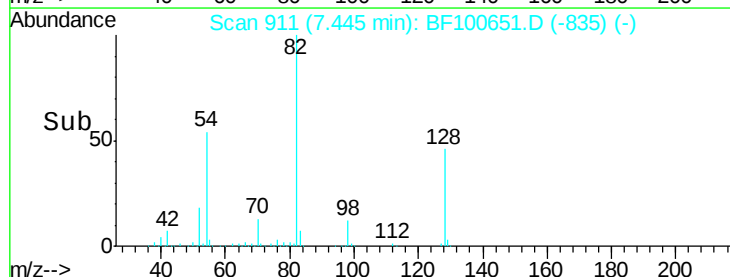
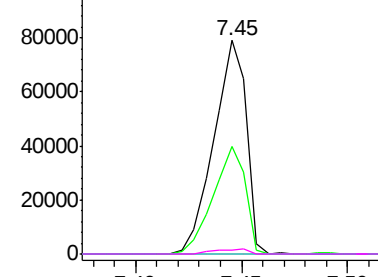
42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

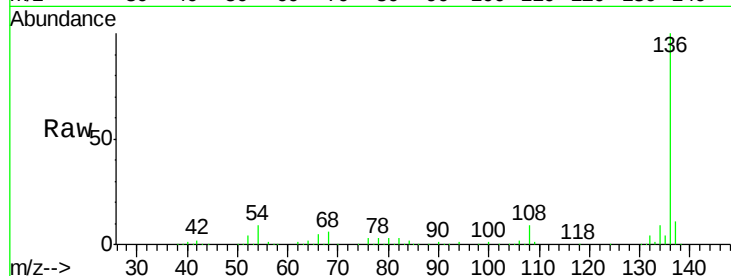




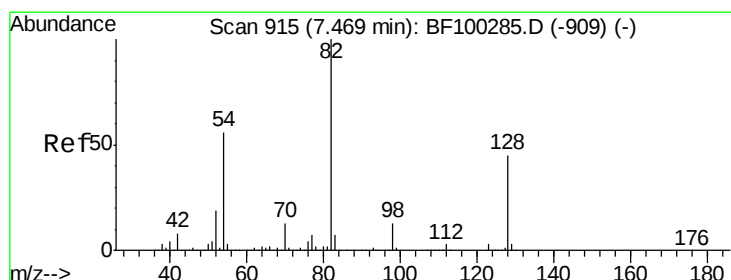
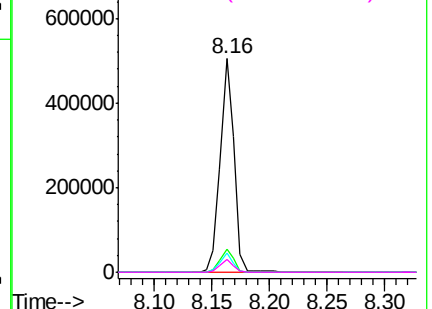
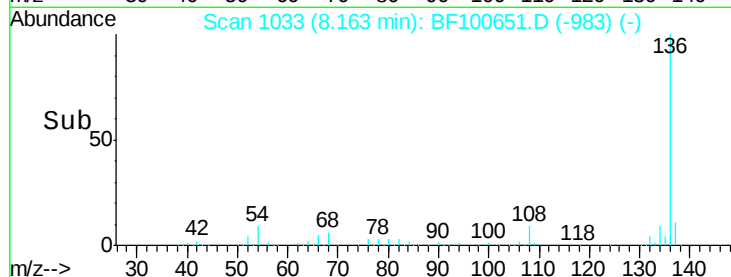
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100651.D
Acq: 17 Nov 2017 1:26

Instrument :
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ClientSampleId :
111417-JETT-E-U-S

Tgt Ion:	136	Resp:	419357
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.8	6.6	9.8
68	6.0	5.0	7.4

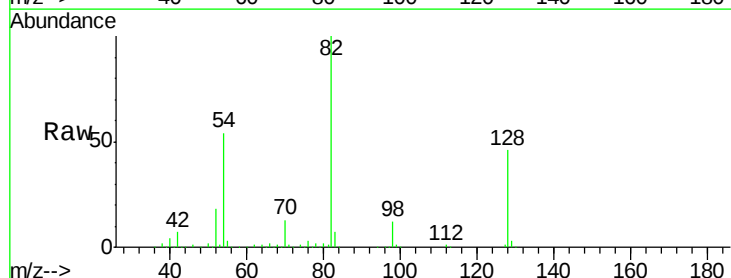


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

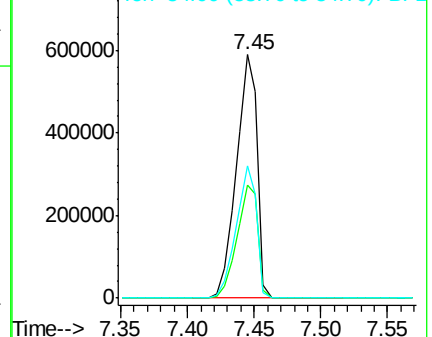
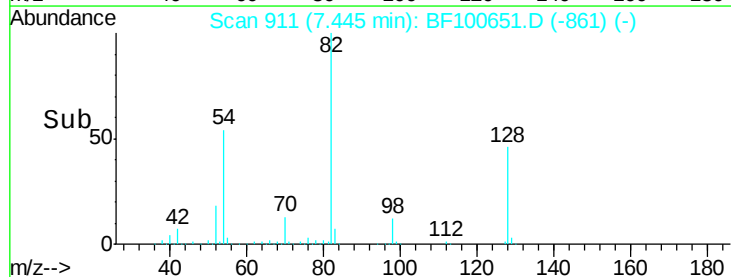


#23
Nitrobenzene-d5
Concen: 101.66 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100651.D
Acq: 17 Nov 2017 1:26

Tgt Ion:	82	Resp:	644856
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	54.4	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: 48.23 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-S

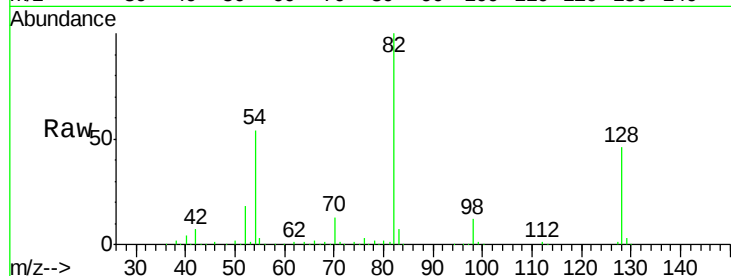
Tgt Ion: 82 Resp: 642894

Ion Ratio Lower Upper

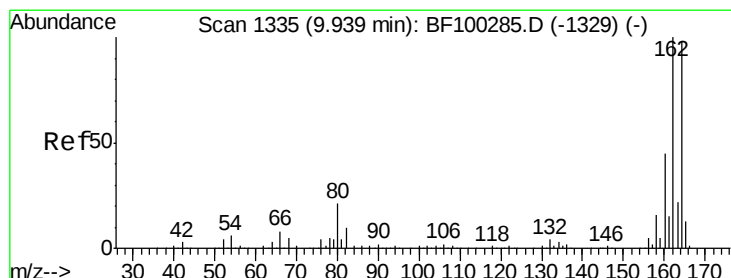
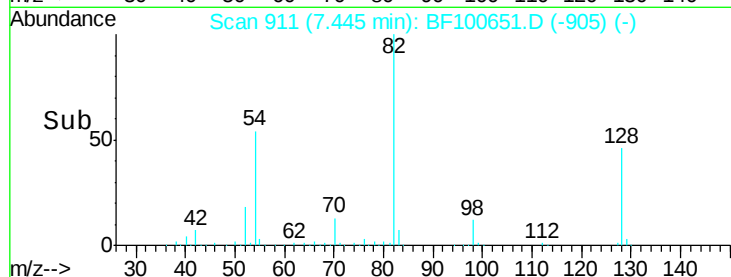
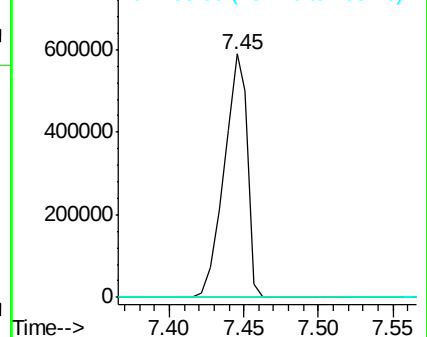
82 100

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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

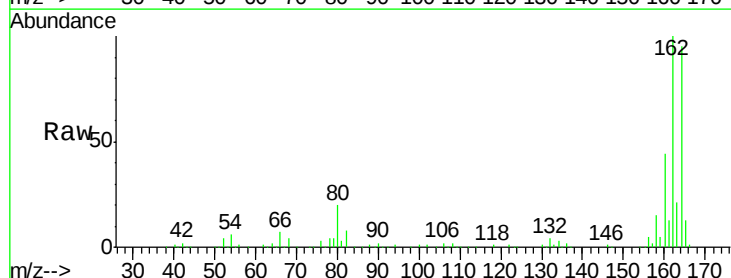
Tgt Ion: 164 Resp: 175490

Ion Ratio Lower Upper

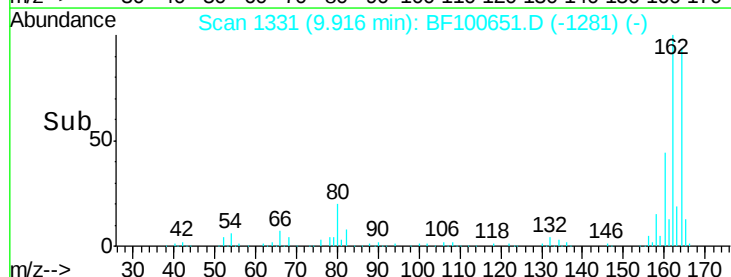
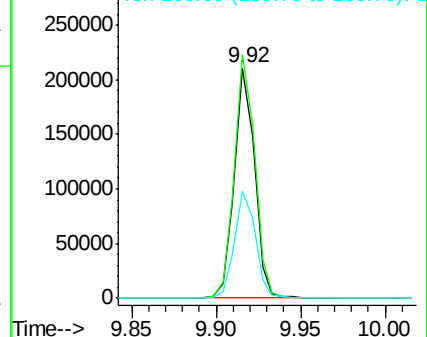
164 100

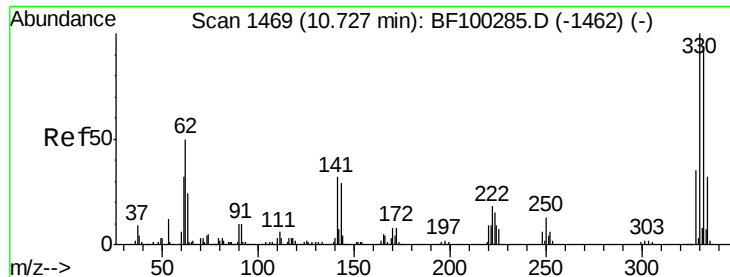
162 105.8 86.1 129.1

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

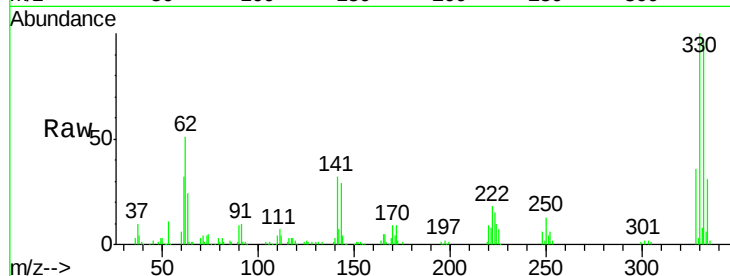




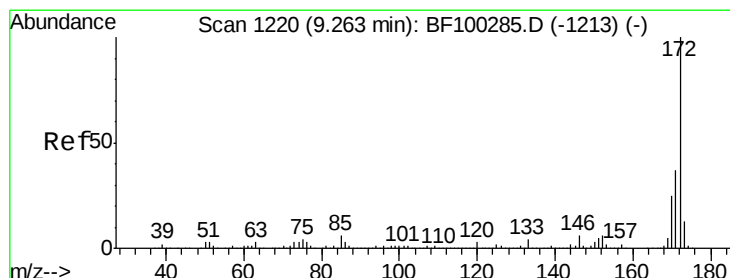
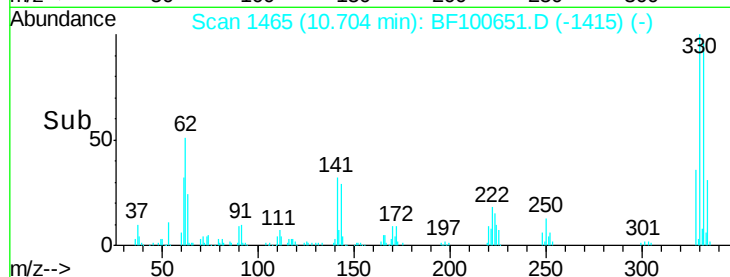
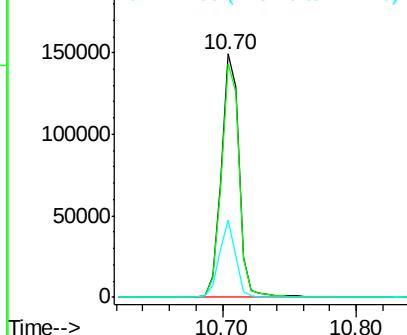
#41
 2,4,6-Tribromophenol
 Concen: 78.94 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100651.D
 Acq: 17 Nov 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 111417-JETT-E-U-S

Tgt Ion: 330 Resp: 141170
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 29.2 29.9 44.9#

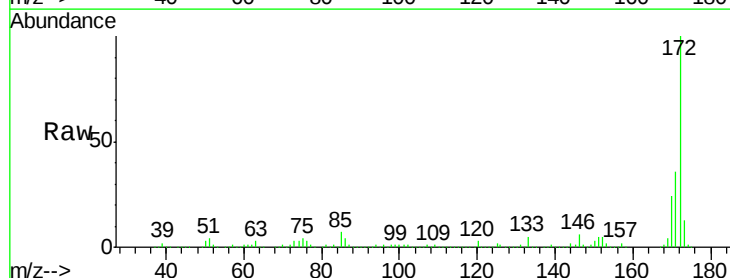


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

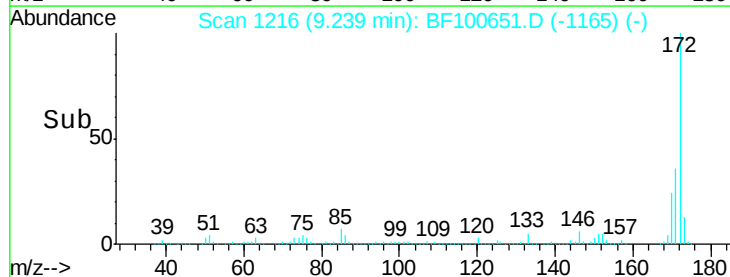
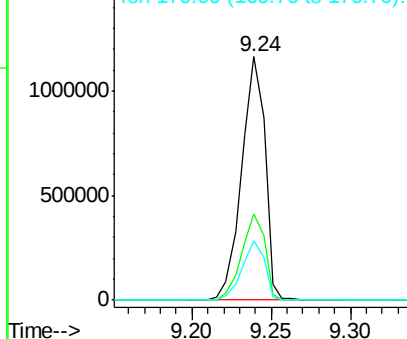


#44
 2-Fluorobiphenyl
 Concen: 102.83 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100651.D
 Acq: 17 Nov 2017 1:26

Tgt Ion: 172 Resp: 1185120
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 3.25 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.22 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-S

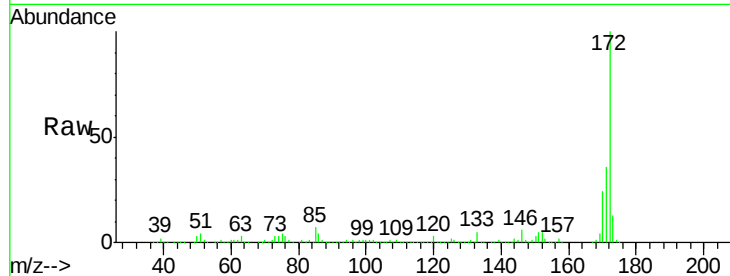
Tgt Ion: 65 Resp: 1618

Ion Ratio Lower Upper

65 100

92 211.5 55.8 83.6#

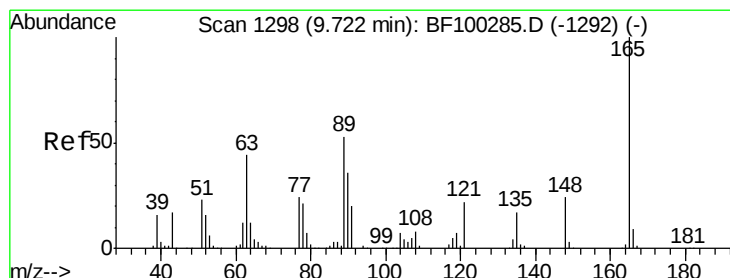
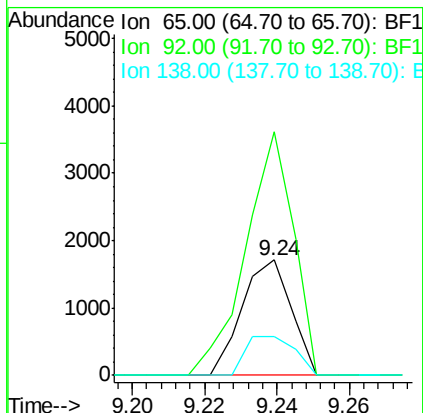
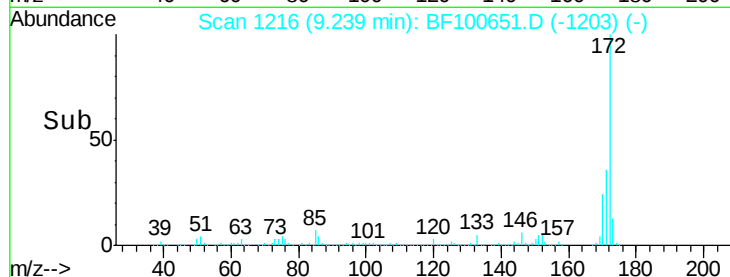
138 34.2 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.48 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

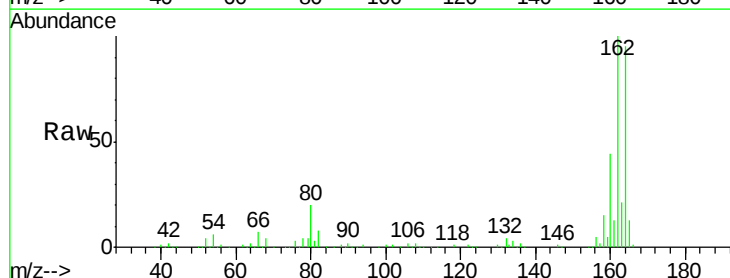
Tgt Ion:165 Resp: 22491

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

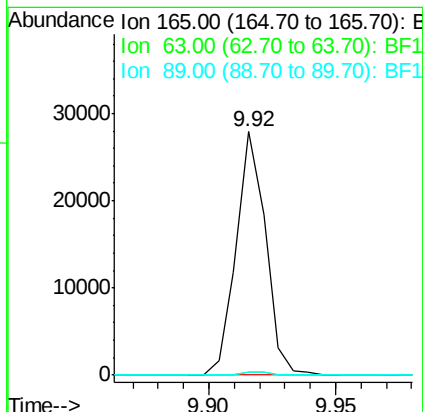
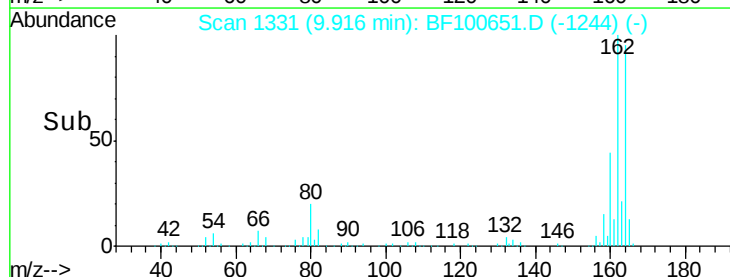
89 1.2 44.0 66.0#



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

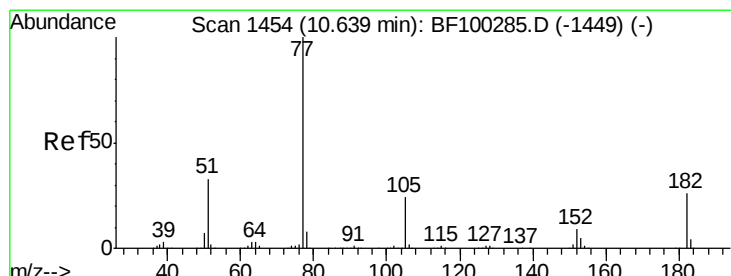
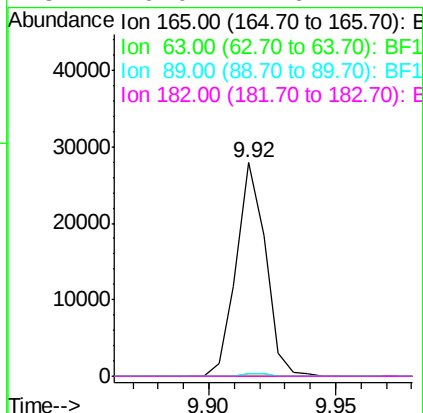
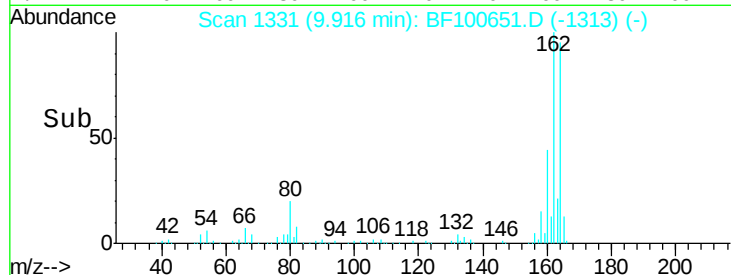
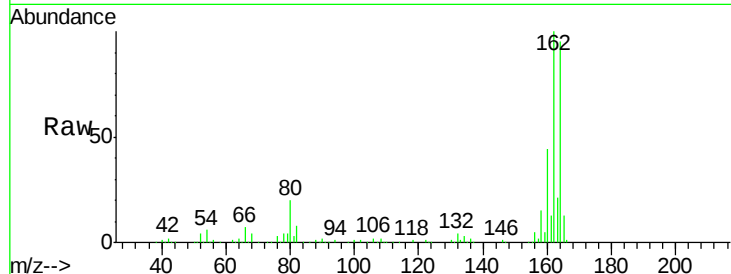




#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100651.D
 Acq: 17 Nov 2017 1:26

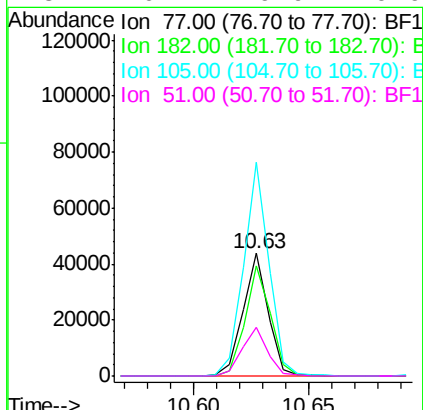
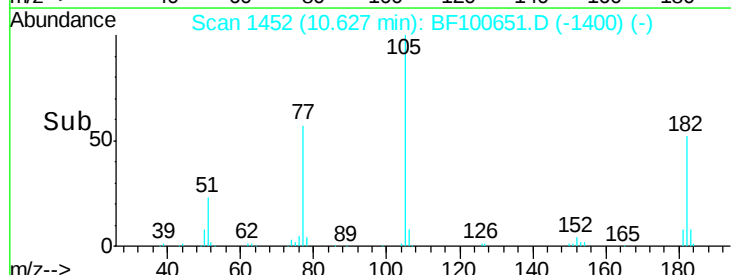
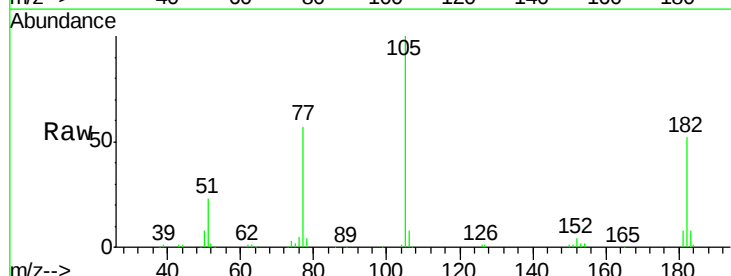
Instrument :
 BNA_F
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 111417-JETT-E-U-S

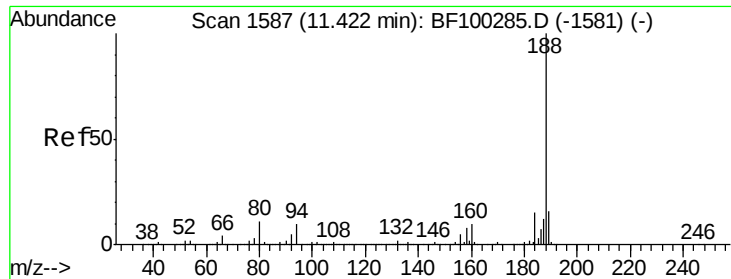
Tgt Ion:	165	Resp:	22491
Ion Ratio	Lower	Upper	
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.64 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100651.D
 Acq: 17 Nov 2017 1:26

Tgt Ion:	77	Resp:	33367
Ion Ratio	Lower	Upper	
77	100		
182	90.1	1.7	41.7#
105	174.4	3.0	43.0#
51	40.2	9.9	49.9

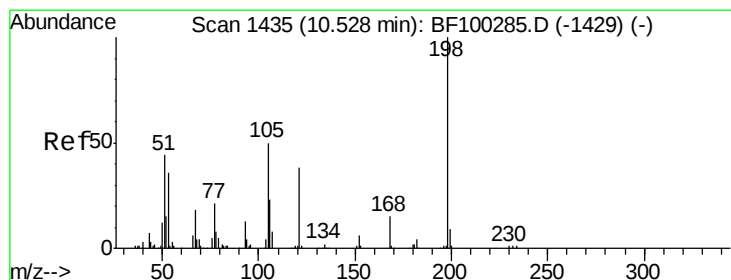
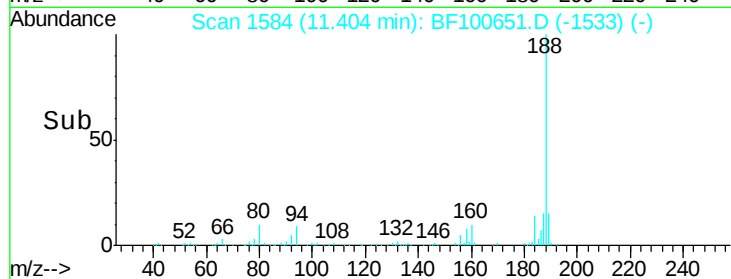
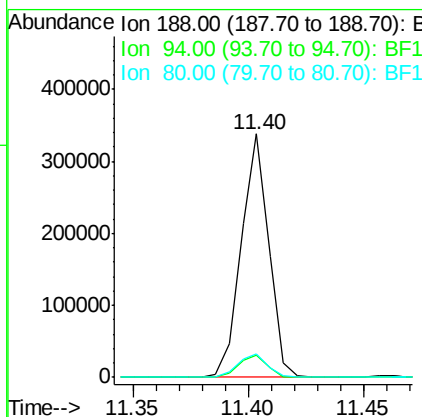
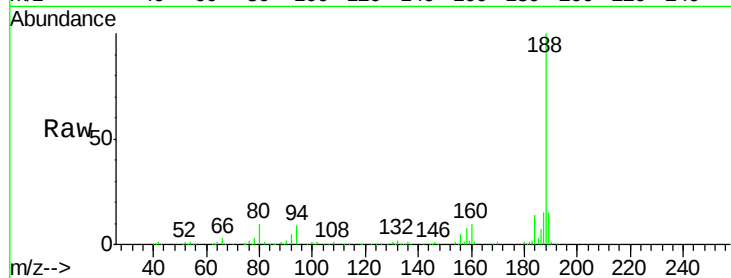




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100651.D
Acq: 17 Nov 2017 1:26

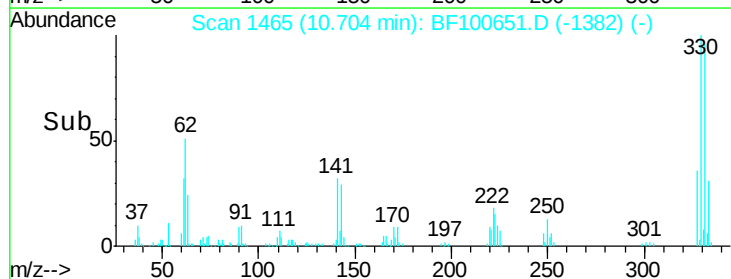
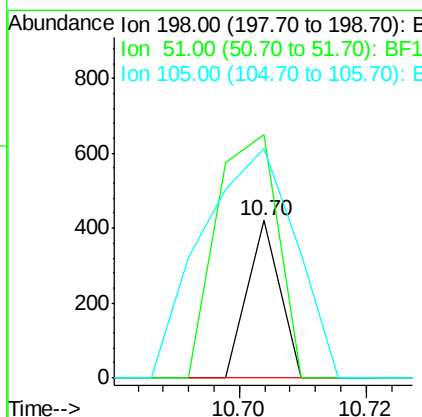
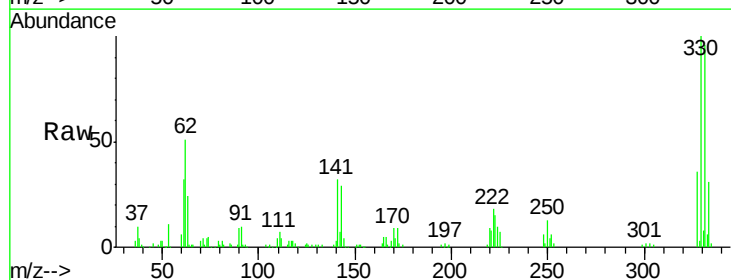
Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-S

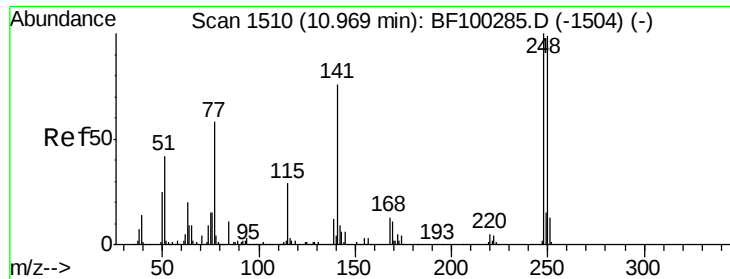
Tgt Ion:188 Resp: 280939
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.66 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100651.D
Acq: 17 Nov 2017 1:26

Tgt Ion:198 Resp: 149
Ion Ratio Lower Upper
198 100
51 154.4 37.7 77.7#
105 145.8 36.3 76.3#

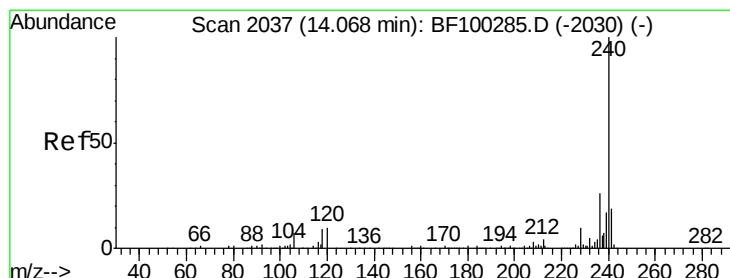
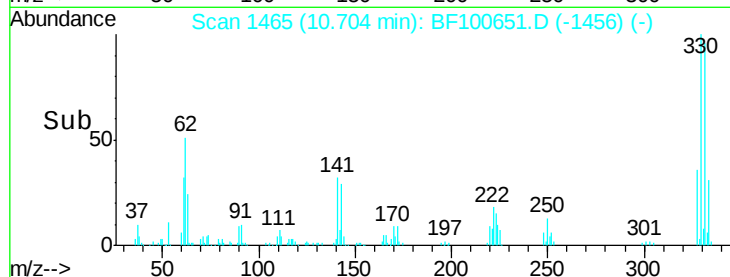
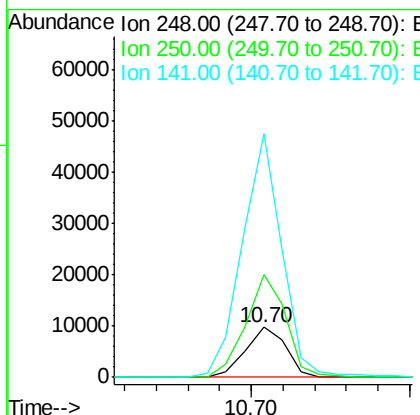
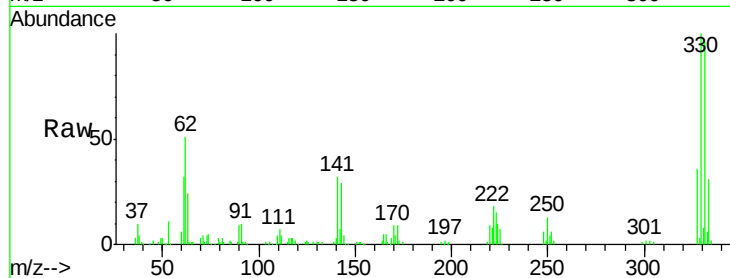




#66
 4-Bromophenyl-phenylether
 Concen: 2.85 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100651.D
 Acq: 17 Nov 2017 1:26

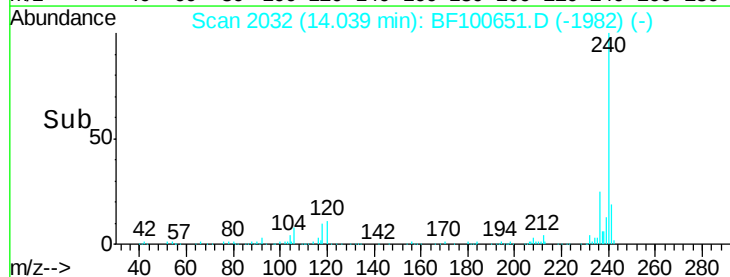
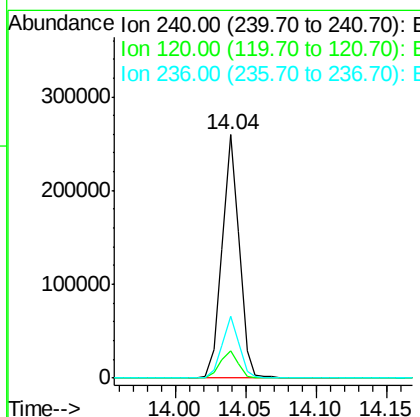
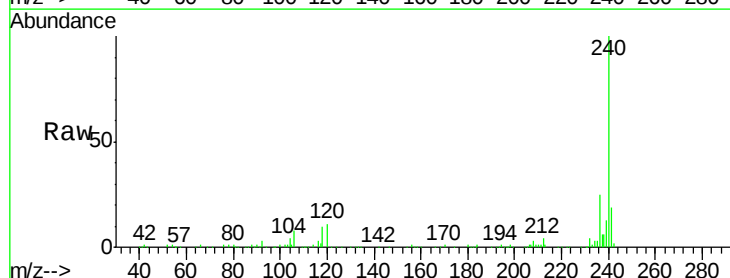
Instrument :
 BNA_F
 ClientSampleId :
 111417-JETT-E-U-S

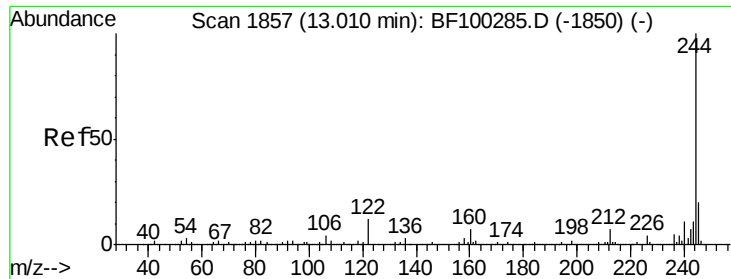
Tgt Ion:248 Resp: 8587
 Ion Ratio Lower Upper
 248 100
 250 206.3 76.9 115.3#
 141 488.8 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF100651.D
 Acq: 17 Nov 2017 1:26

Tgt Ion:240 Resp: 219602
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 81.12 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-S

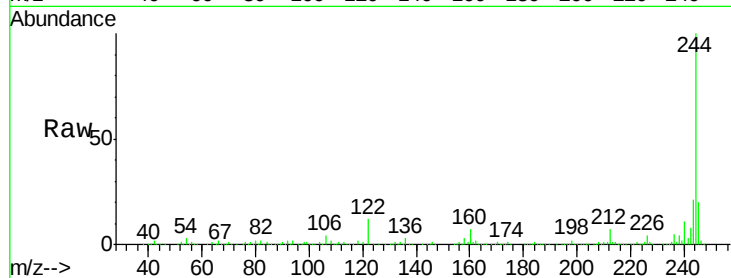
Tgt Ion:244 Resp: 775296

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

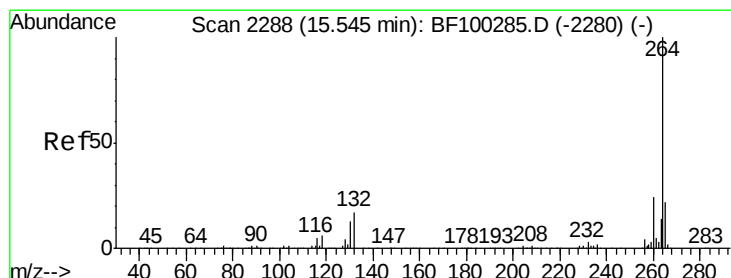
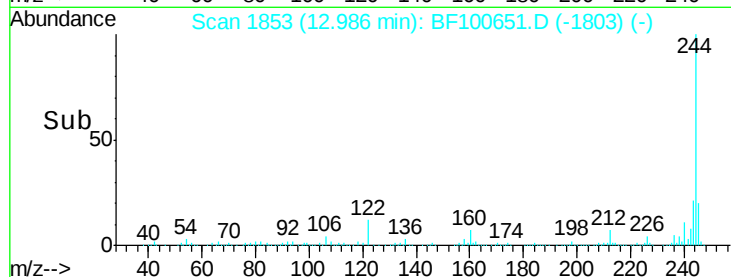
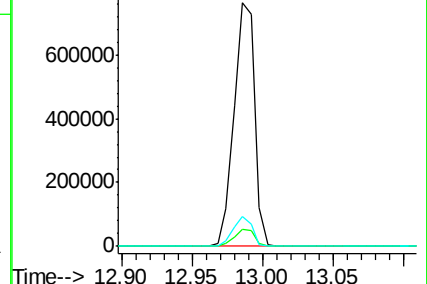
122 12.2 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100651.D

Acq: 17 Nov 2017 1:26

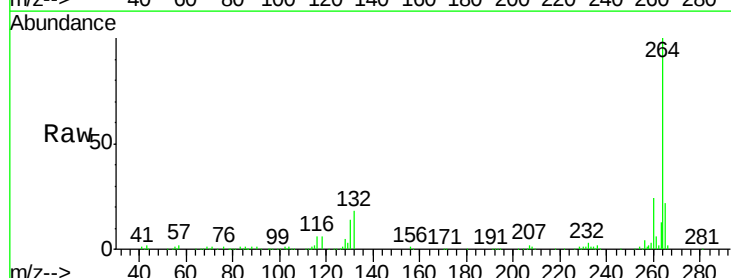
Tgt Ion:264 Resp: 195196

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

