

Data File : BF100486.D
Acq On : 12 Nov 2017 13:40
Operator : SJ/JU
Sample : I6402-11
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-U-B

Quant Time: Nov 13 06:19:04 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	130843	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	475239	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	191447	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	289522	20.00	ng	0.00
75) Chrysene-d12	14.06	240	266357	20.00	ng	0.00
86) Perylene-d12	15.54	264	186133	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	454651	55.70	ng	0.00
7) Phenol-d6	6.52	99	363936	36.16	ng	-0.01
23) Nitrobenzene-d5	7.46	82	876624	121.95	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	177650	91.06	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1443072	114.78	ng	0.00
78) Terphenyl-d14	13.01	244	1002225	86.46	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	28744	2.72	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	118367	16.96	ng	# 81
25) Isophorone	7.46	82	876616	58.03	ng	# 64
47) 2-Nitroaniline	9.65	65	570	2.94	ng	# 1
49) Dimethylphthalate	9.65	163	74663	5.11	ng	100
50) 2,6-Dinitrotoluene	9.93	165	24139	8.34	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	24139	6.61	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	343	8.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11146	3.59	ng	# 1

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

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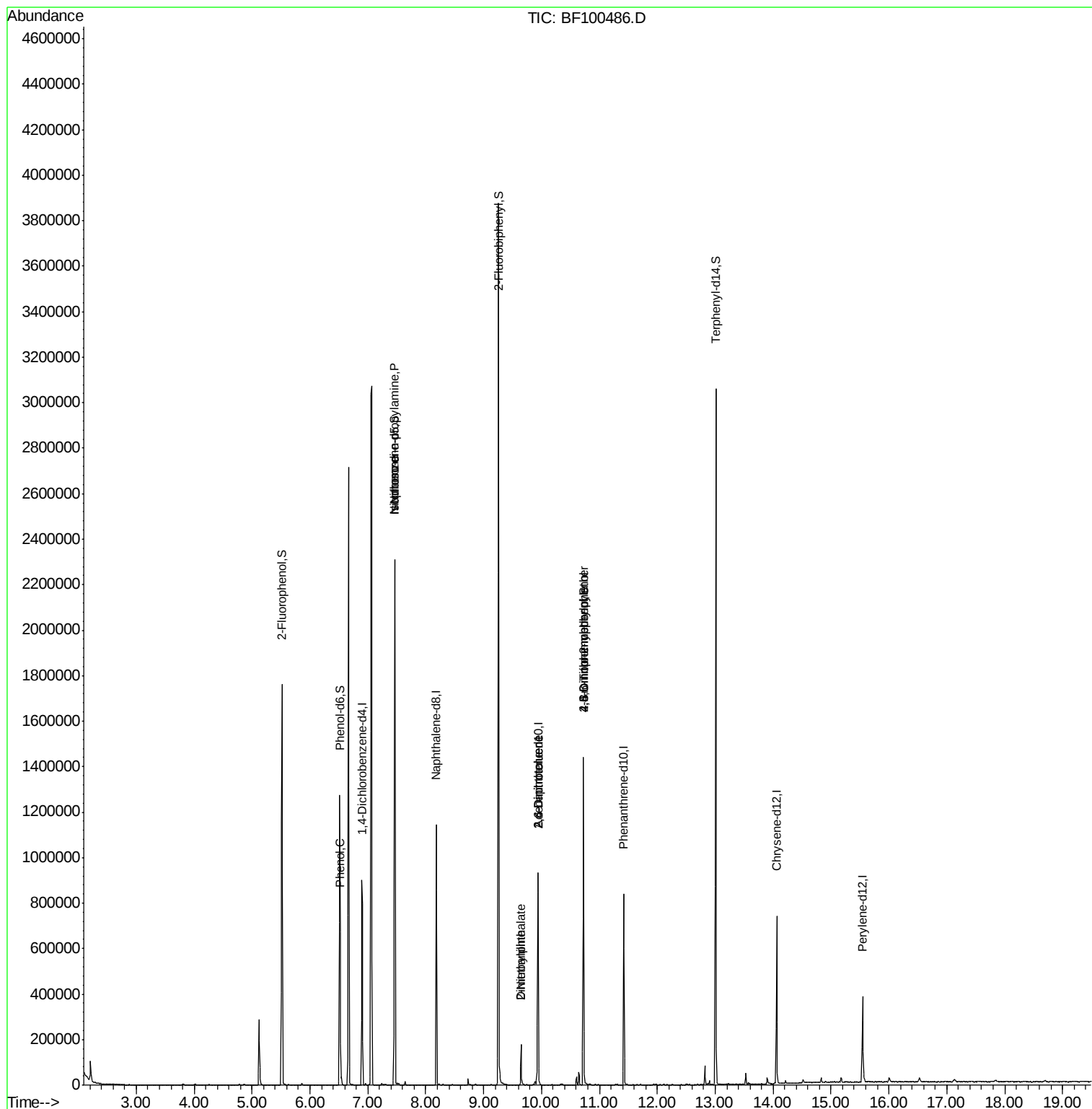
Quant Time: Nov 13 06:19:04 2017

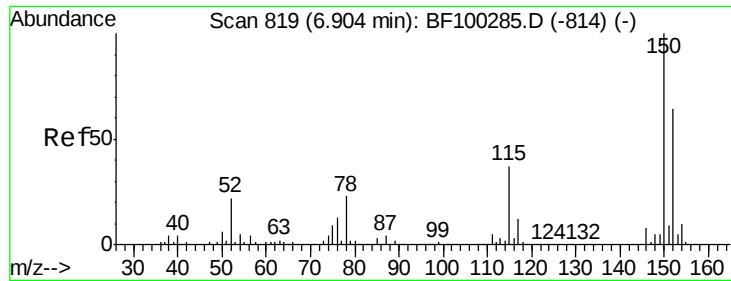
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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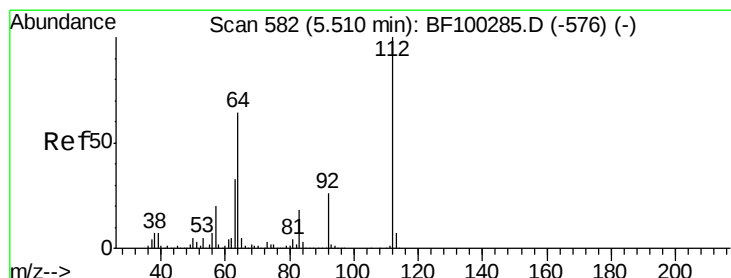
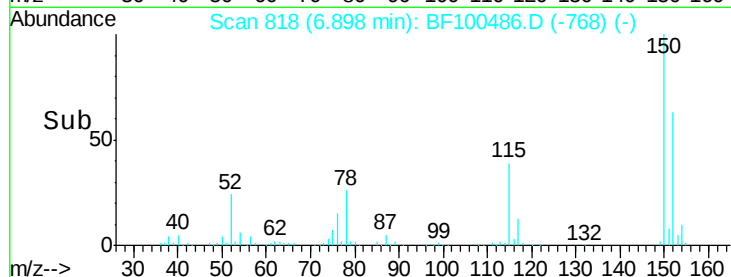
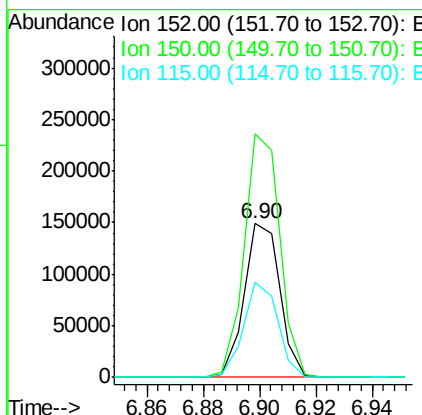
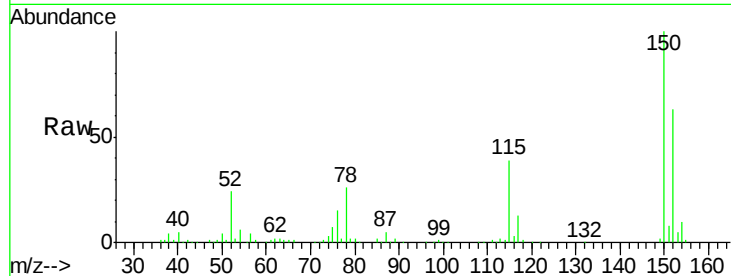




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

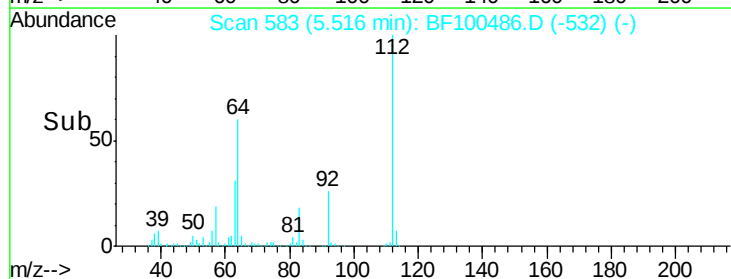
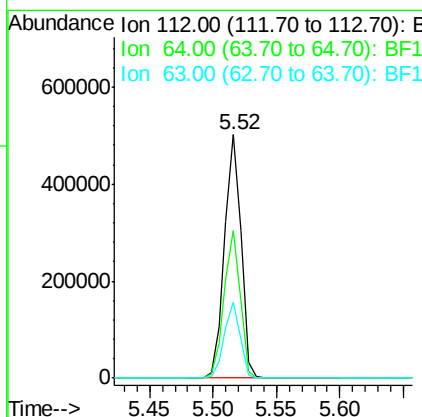
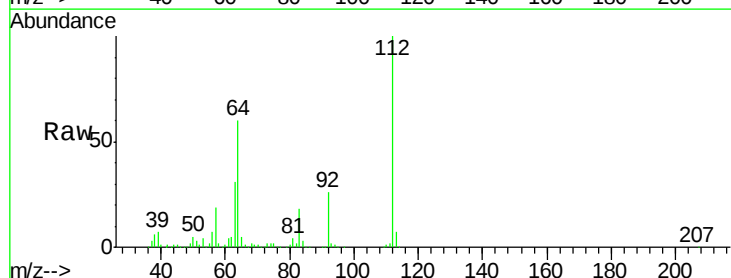
Instrument :
 BNA_F
 ClientSampleId :
 110717-JETT-E-U-B

Tgt Ion:152 Resp: 130843
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 61.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 55.70 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

Tgt Ion:112 Resp: 454651
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 36.16 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100486.D

Acq: 12 Nov 2017 13:40

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-U-B

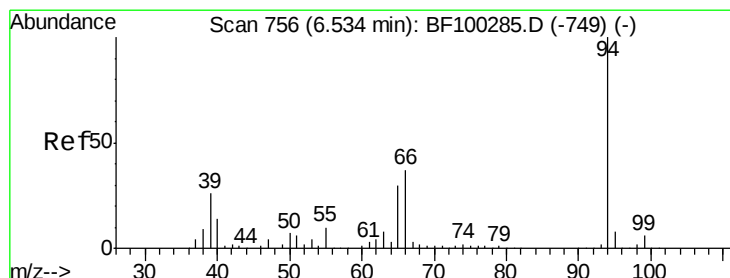
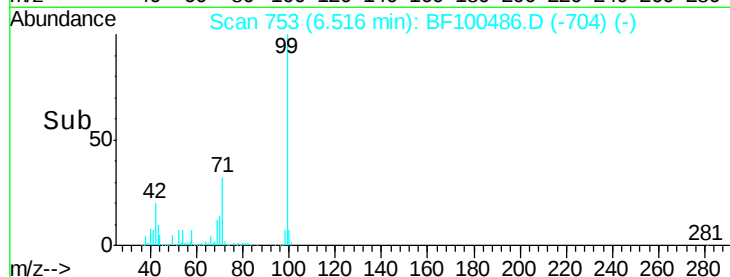
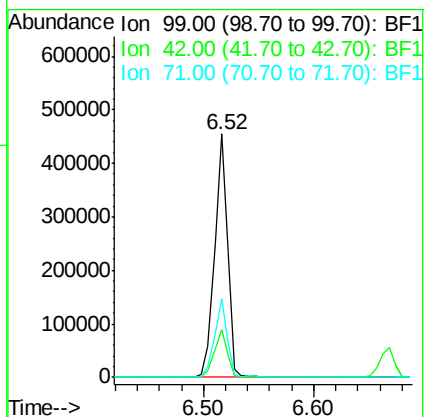
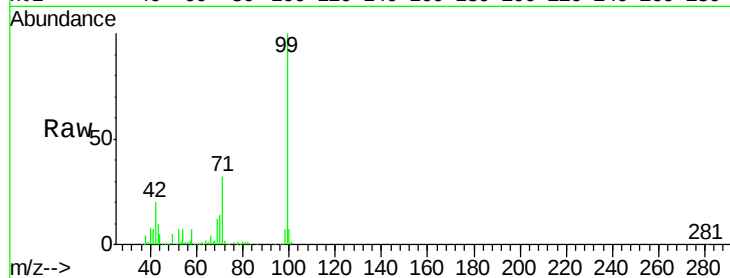
Tgt Ion: 99 Resp: 363936

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.4 25.4 38.0



#10

Phenol

Concen: 2.72 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100486.D

Acq: 12 Nov 2017 13:40

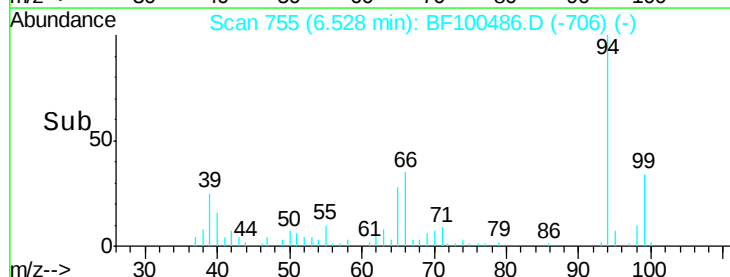
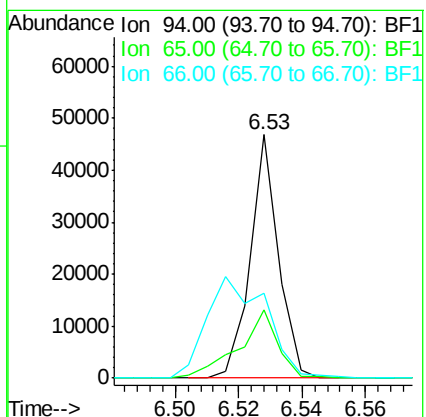
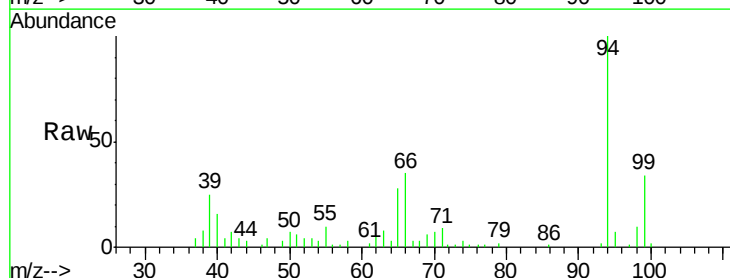
Tgt Ion: 94 Resp: 28744

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 34.7 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 16.96 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100486.D

Acq: 12 Nov 2017 13:40

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-U-B

Tgt Ion: 70 Resp: 118367

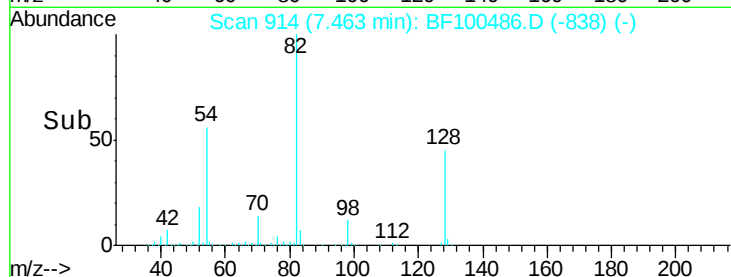
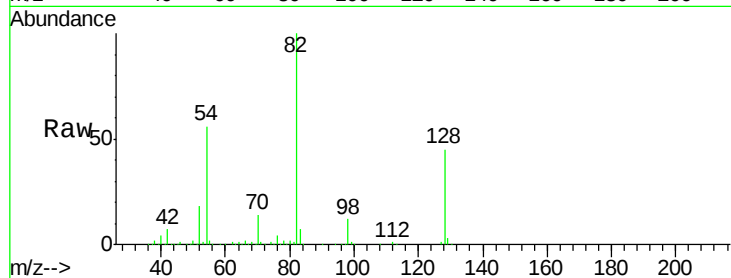
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

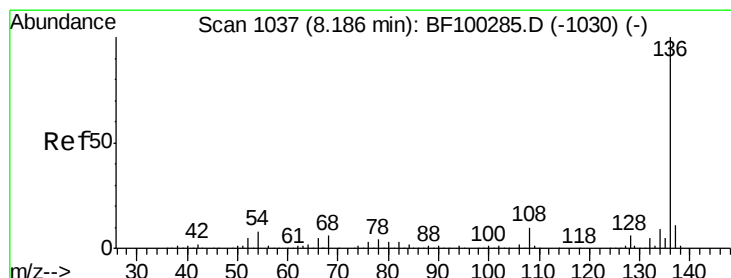
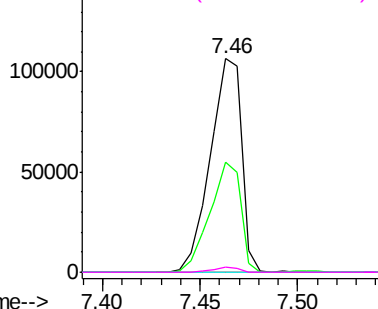


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100486.D

Acq: 12 Nov 2017 13:40

Tgt Ion: 136 Resp: 475239

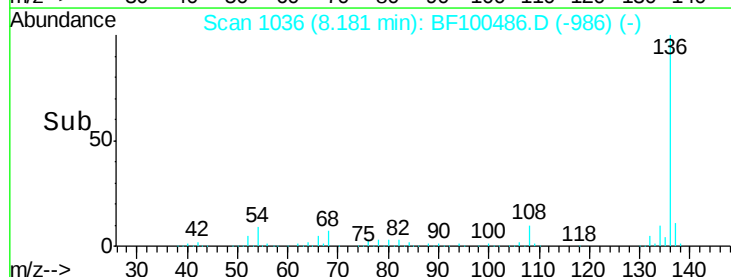
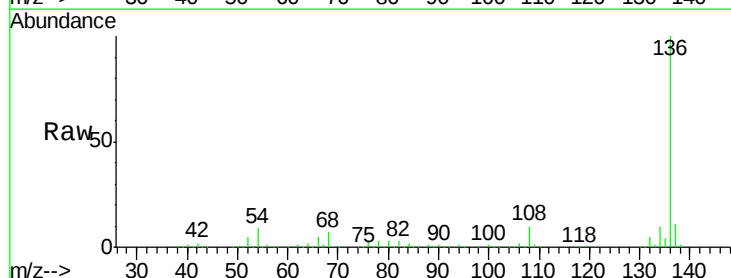
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.2 6.6 9.8

68 6.7 5.0 7.4

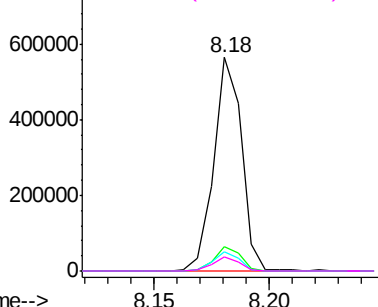


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

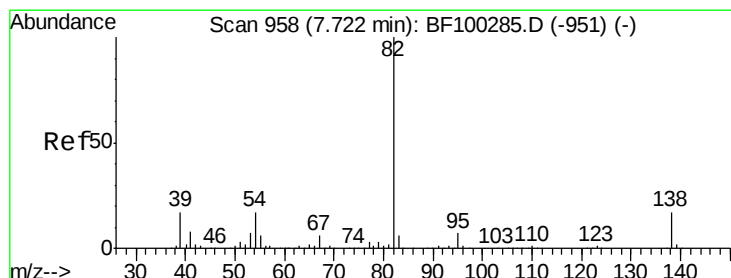
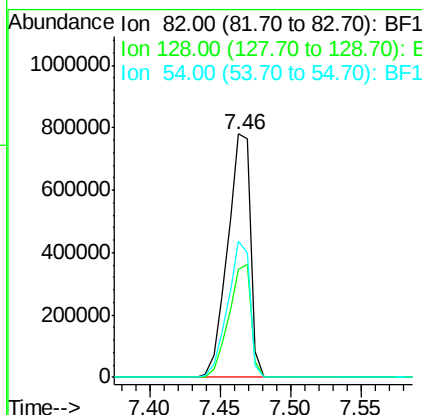
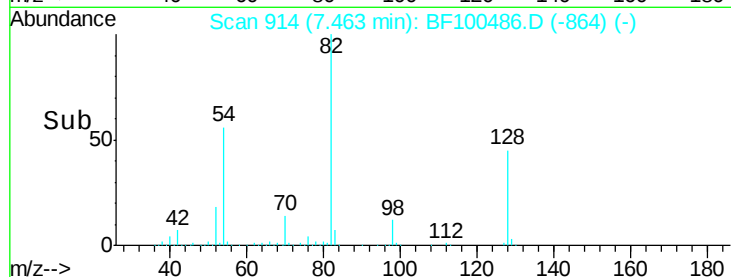
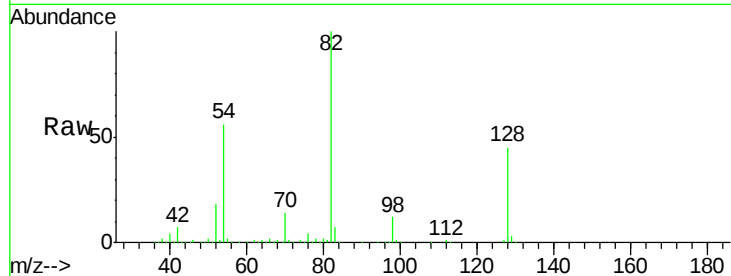




#23
Nitrobenzene-d5
Concen: 121.95 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100486.D
Acq: 12 Nov 2017 13:40

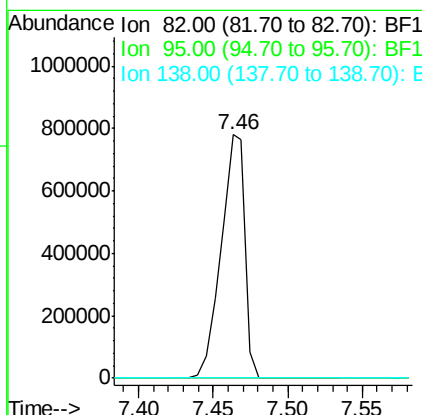
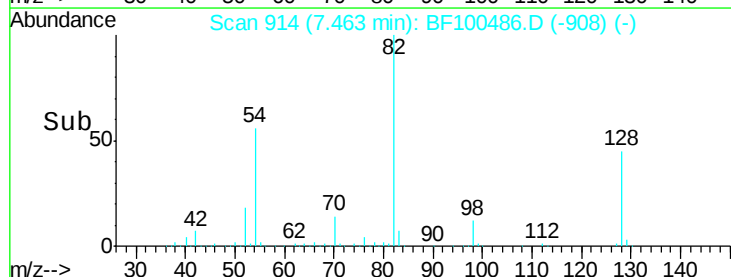
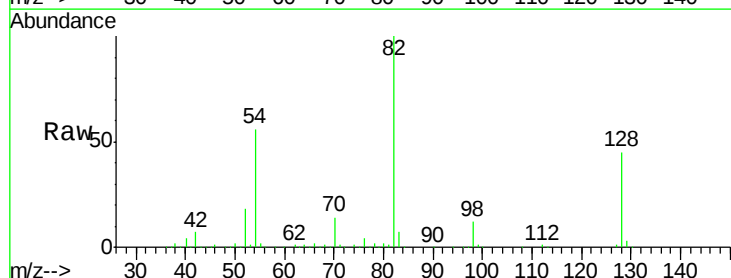
Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-U-B

Tgt Ion: 82 Resp: 876624
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 55.8 41.4 62.2



#25
Isophorone
Concen: 58.03 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100486.D
Acq: 12 Nov 2017 13:40

Tgt Ion: 82 Resp: 876616
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

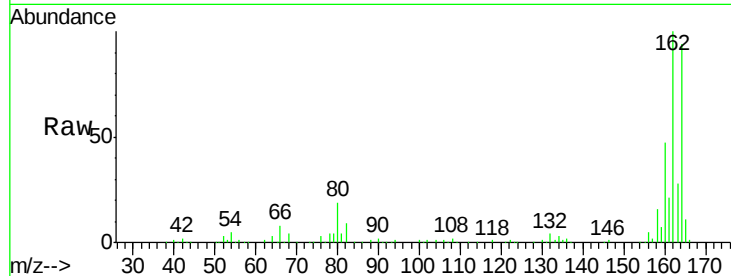




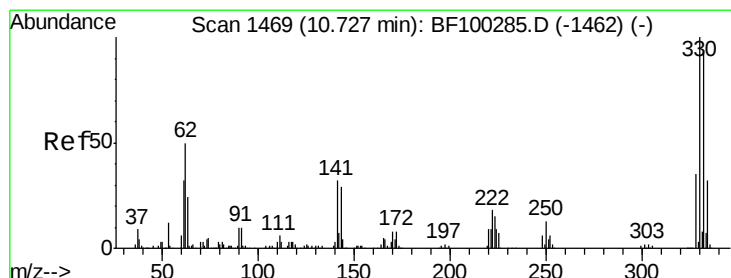
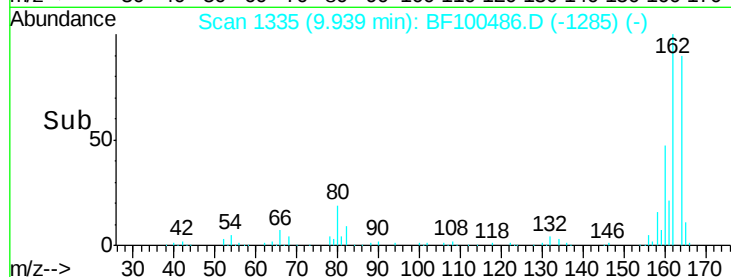
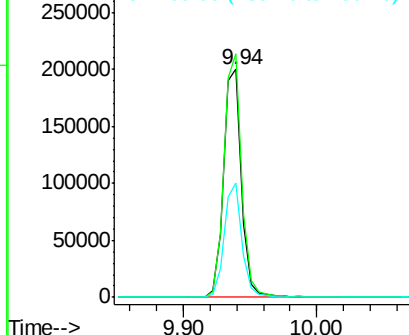
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :
 110717-JETT-E-U-B

Tgt Ion:164 Resp: 191447
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 50.1 38.3 57.5

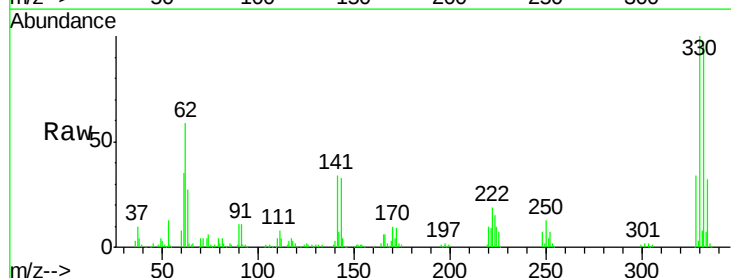


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

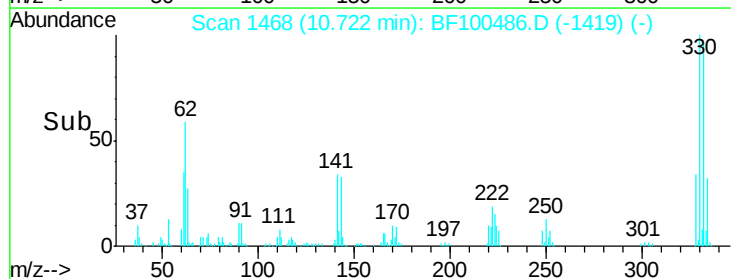
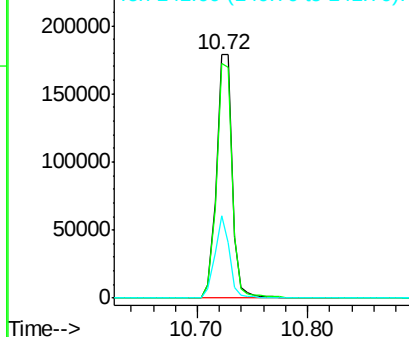


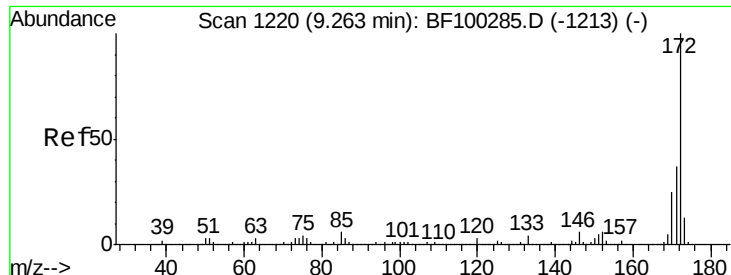
#41
 2,4,6-Tribromophenol
 Concen: 91.06 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

Tgt Ion:330 Resp: 177650
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 30.8 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

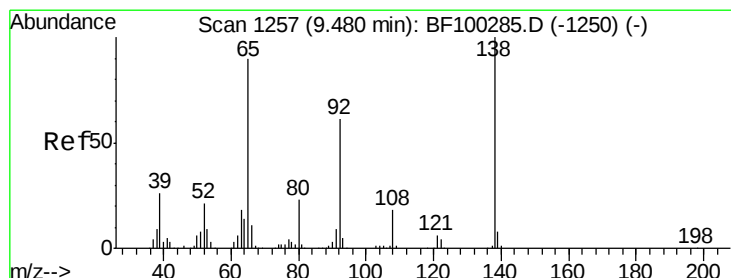
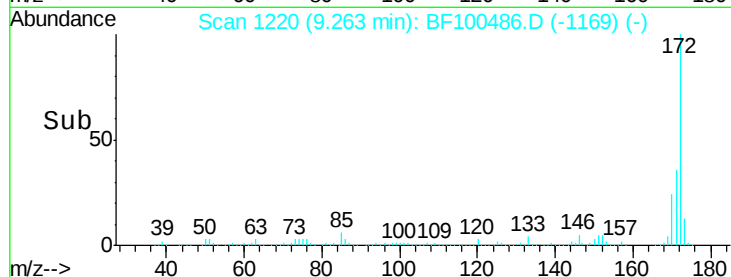
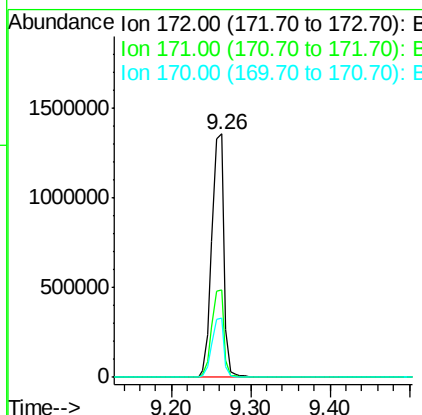
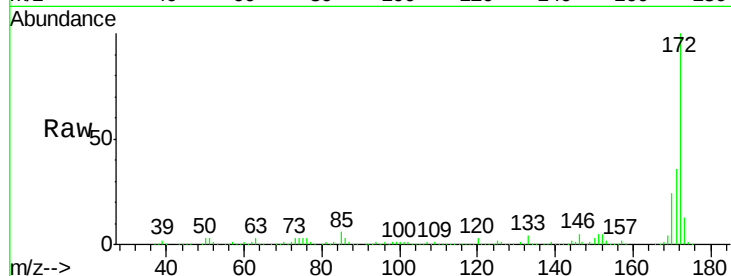




#44
 2-Fluorobiphenyl
 Concen: 114.78 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

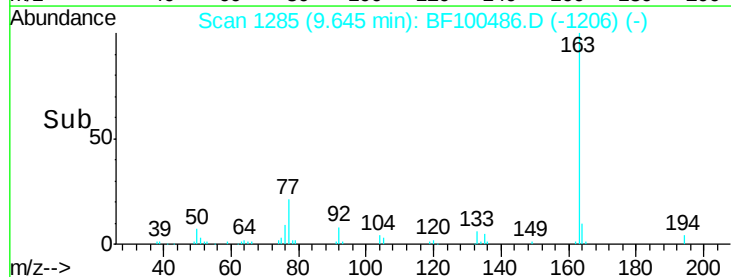
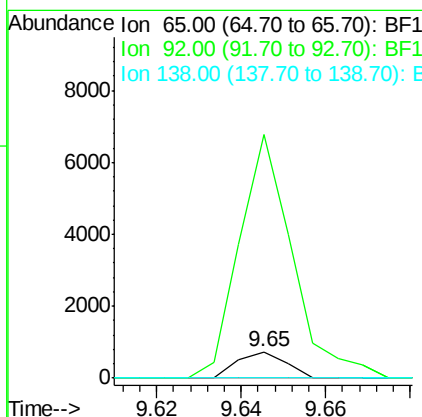
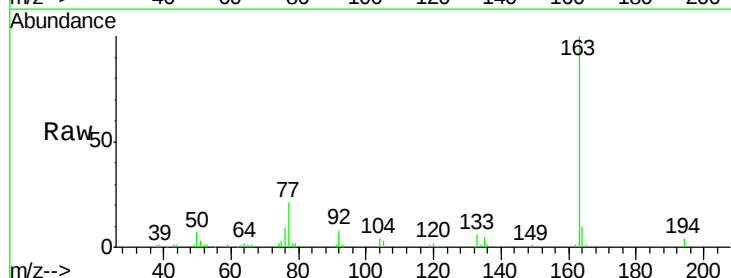
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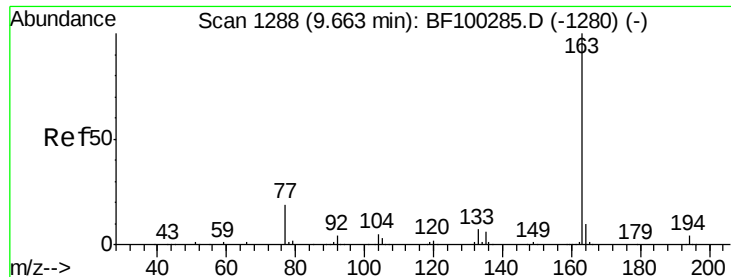
Tgt Ion: 172 Resp: 1443072
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.1 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.94 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

Tgt Ion: 65 Resp: 570
 Ion Ratio Lower Upper
 65 100
 92 934.3 55.8 83.6#
 138 0.0 91.2 136.8#

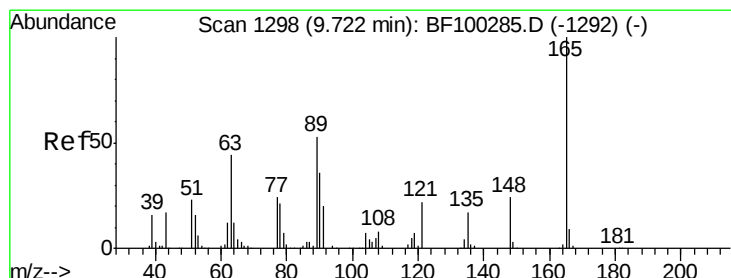
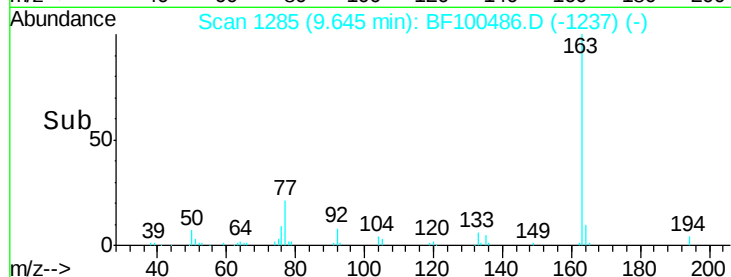
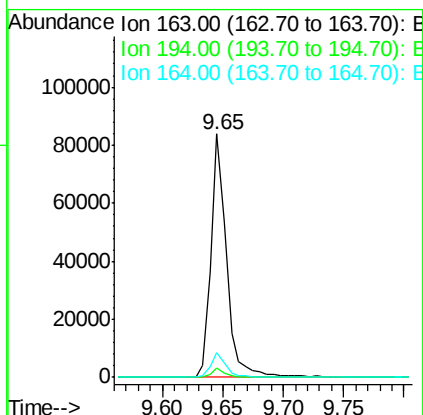
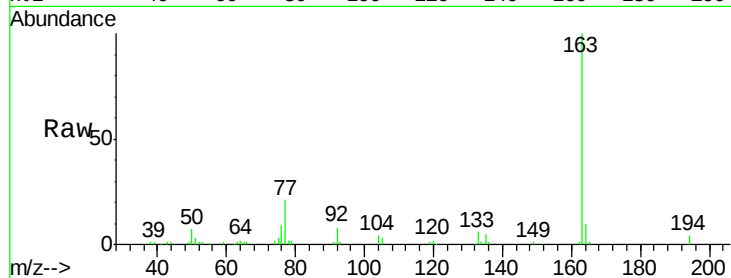




#49
Dimethylphthalate
Concen: 5.11 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100486.D
Acq: 12 Nov 2017 13:40

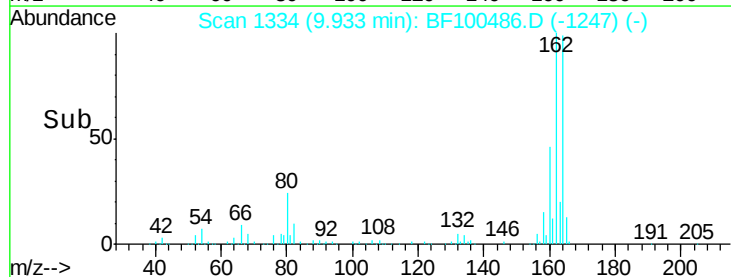
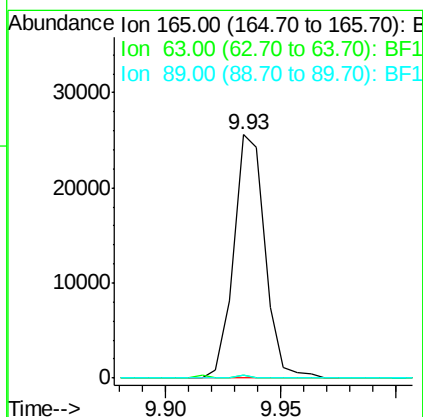
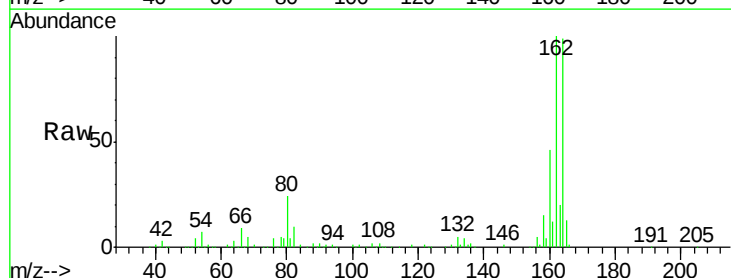
Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-U-B

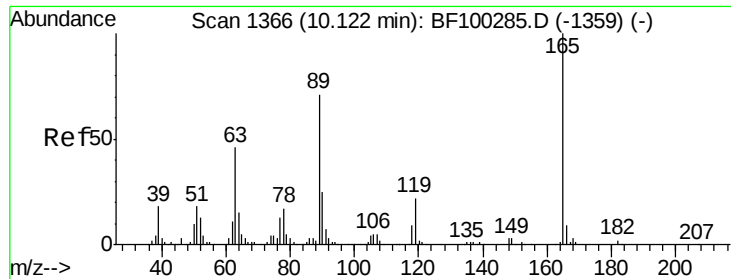
Tgt Ion:163 Resp: 74663
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.34 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100486.D
Acq: 12 Nov 2017 13:40

Tgt Ion:165 Resp: 24139
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.2 44.0 66.0#

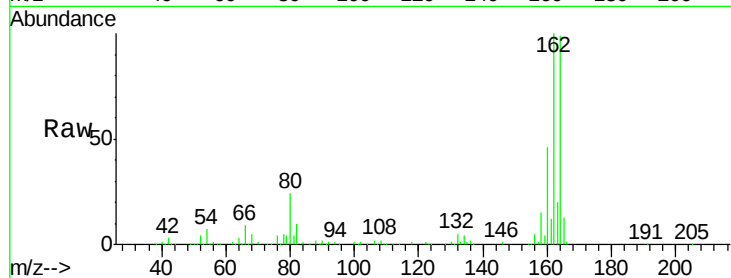




#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :
 110717-JETT-E-U-B

Tgt Ion:	165	Resp:	24139
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#

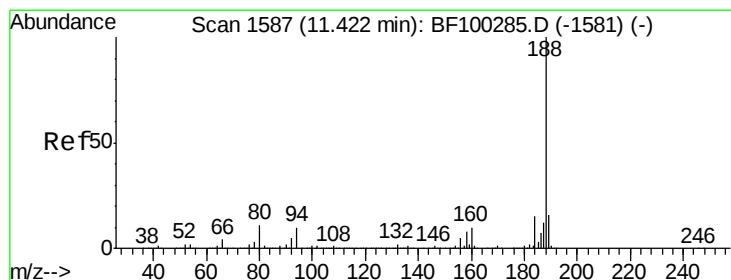
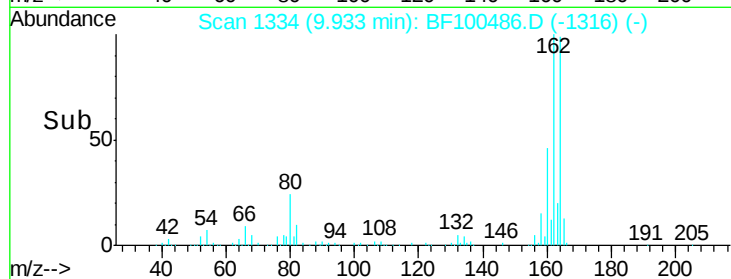
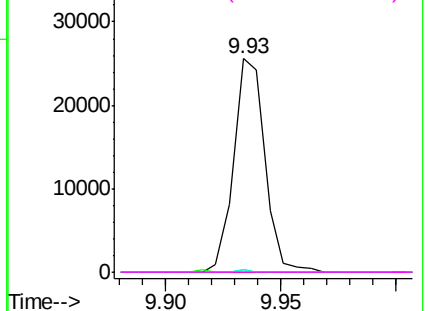


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

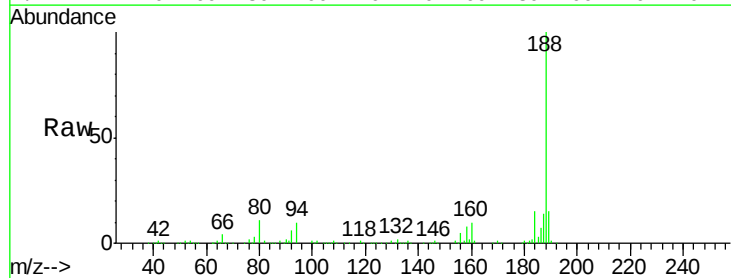
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

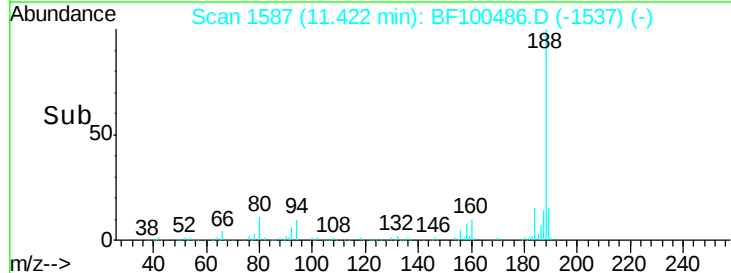
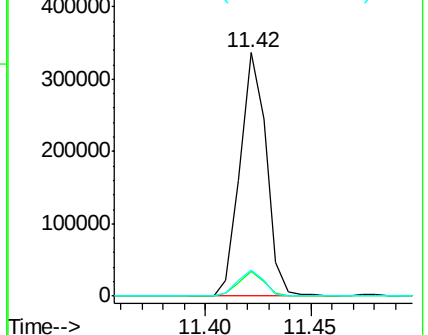
Tgt Ion:	188	Resp:	289522
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

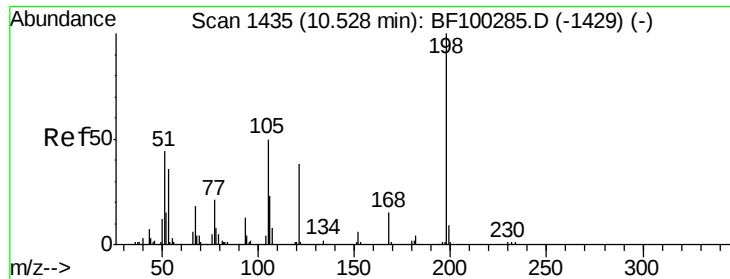


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

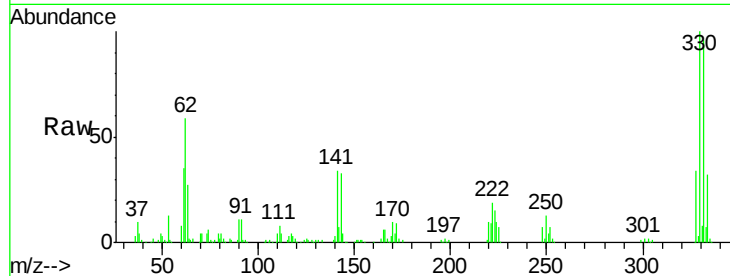




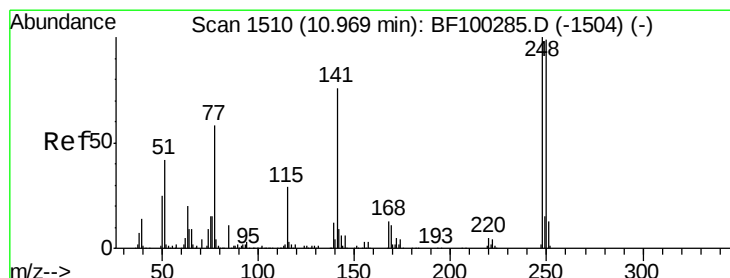
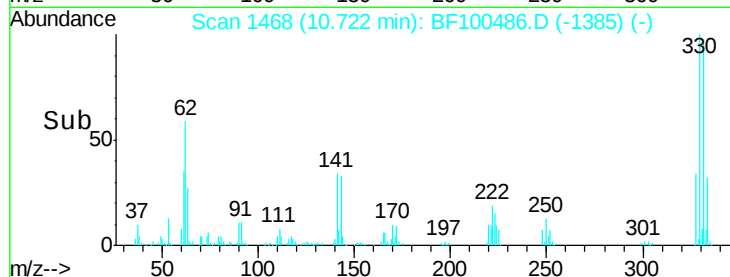
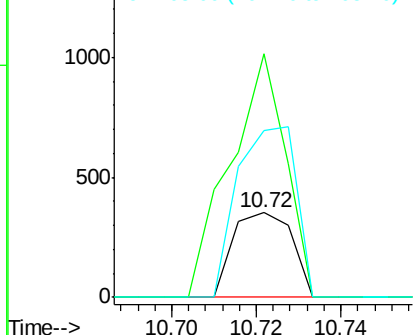
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.76 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :
 110717-JETT-E-U-B

Tgt Ion:198 Resp: 343
 Ion Ratio Lower Upper
 198 100
 51 287.3 37.7 77.7#
 105 196.6 36.3 76.3#

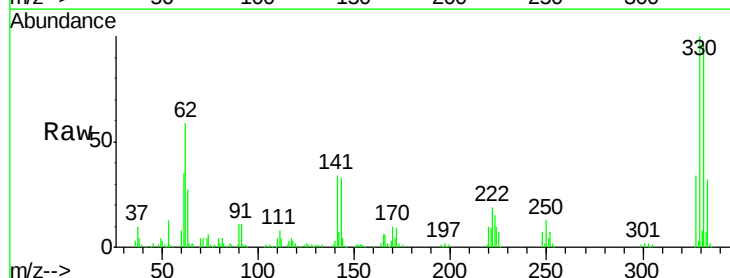


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

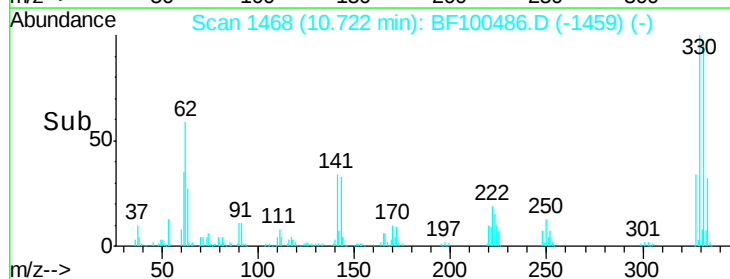
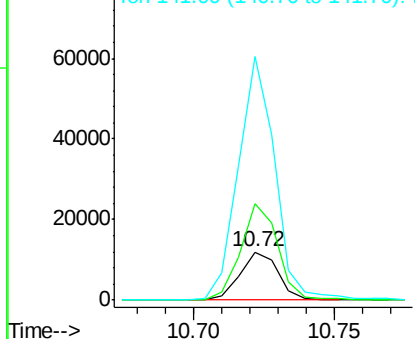


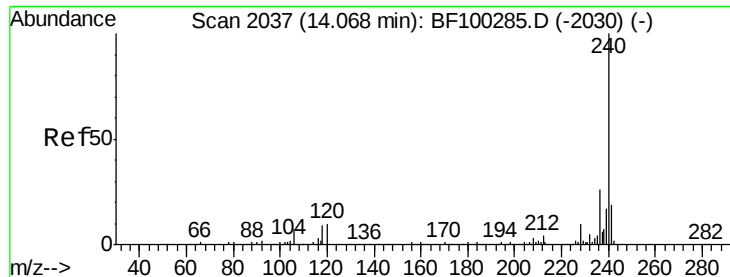
#66
 4-Bromophenyl-phenylether
 Concen: 3.59 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100486.D
 Acq: 12 Nov 2017 13:40

Tgt Ion:248 Resp: 11146
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 503.8 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: BF100486.D

Acq: 12 Nov 2017 13:40

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-U-B

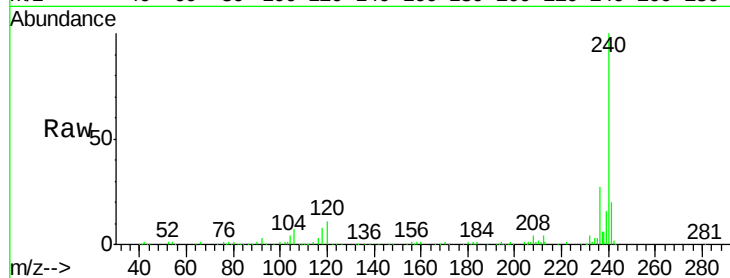
Tgt Ion:240 Resp: 266357

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

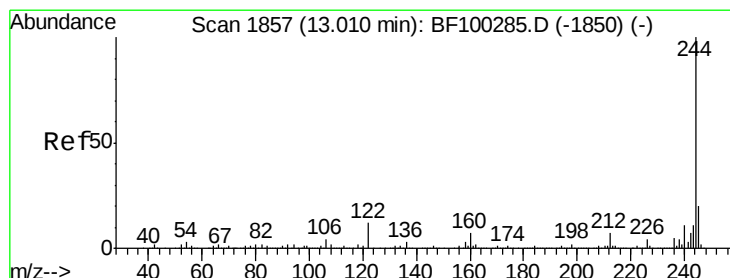
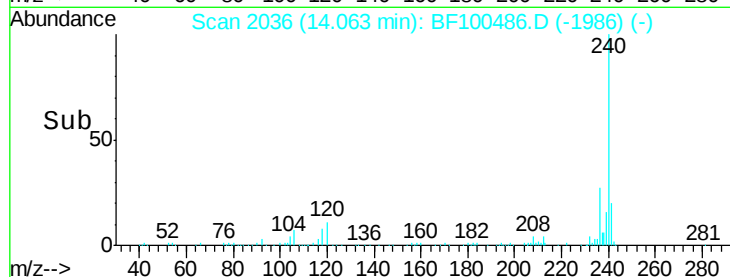
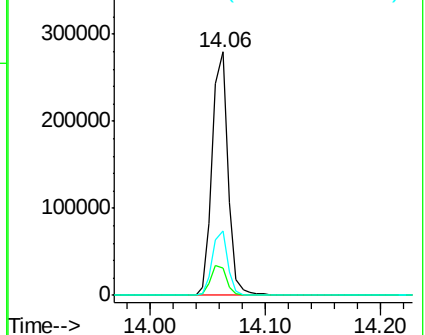
236 26.6 20.7 31.1



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: 86.46 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100486.D

Acq: 12 Nov 2017 13:40

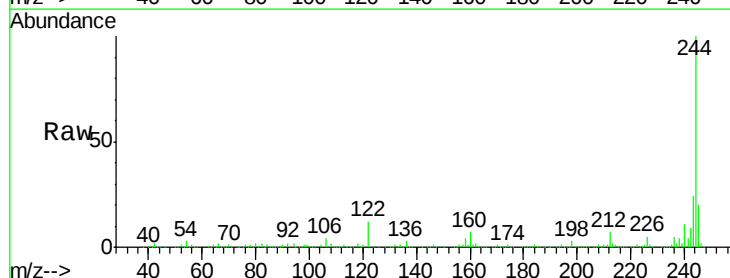
Tgt Ion:244 Resp: 1002225

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

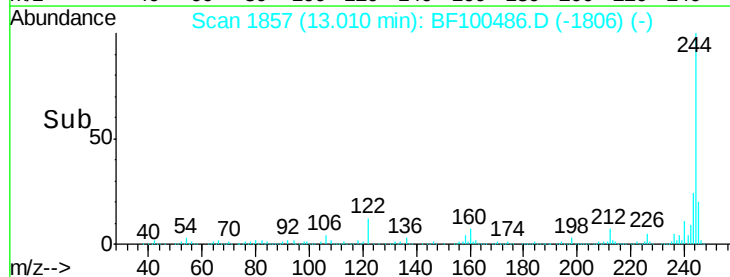
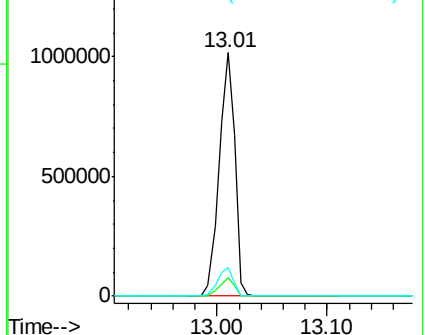
122 11.7 11.0 16.4

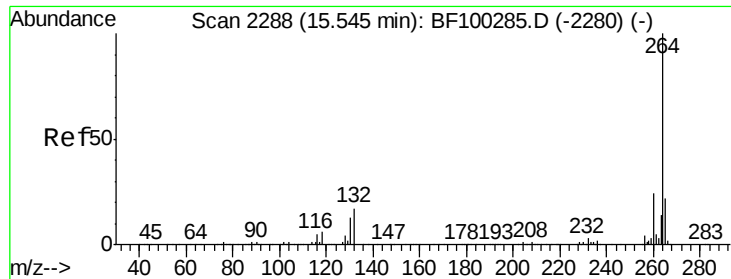


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

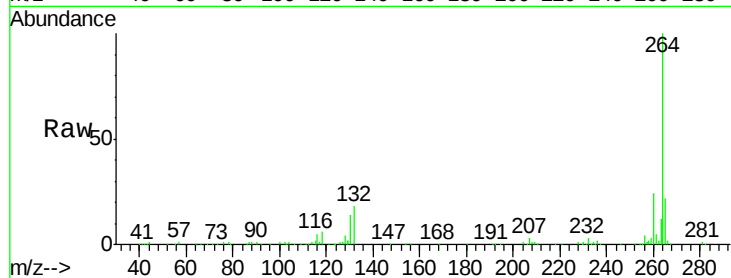




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100486.D
Acq: 12 Nov 2017 13:40

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	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

