

Data File : BF100487.D
Acq On : 12 Nov 2017 14:07
Operator : SJ/JU
Sample : I6402-12
Misc :
ALS Vial : 56 Sample Multiplier: 1

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

Quant Time: Nov 13 06:19:24 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	139827	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	515679	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	210600	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	324266	20.00	ng	0.00
75) Chrysene-d12	14.06	240	287178	20.00	ng	0.00
86) Perylene-d12	15.54	264	198929	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	426790	48.93	ng	0.00
7) Phenol-d6	6.52	99	329577	30.64	ng	-0.01
23) Nitrobenzene-d5	7.46	82	903817	115.88	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	190648	88.84	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1475105	106.66	ng	0.00
78) Terphenyl-d14	13.01	244	1053137	84.26	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	27268	2.41	ng	98
19) n-Nitroso-di-n-propylamine	7.46	70	118466	15.88	ng	# 82
25) Isophorone	7.46	82	900898	54.96	ng	# 64
47) 2-Nitroaniline	9.65	65	653	2.94	ng	# 1
49) Dimethylphthalate	9.65	163	93351	5.81	ng	99
56) 2,4-Dinitrotoluene	9.94	165	27133	6.76	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	280	8.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	11955	3.44	ng	# 1

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

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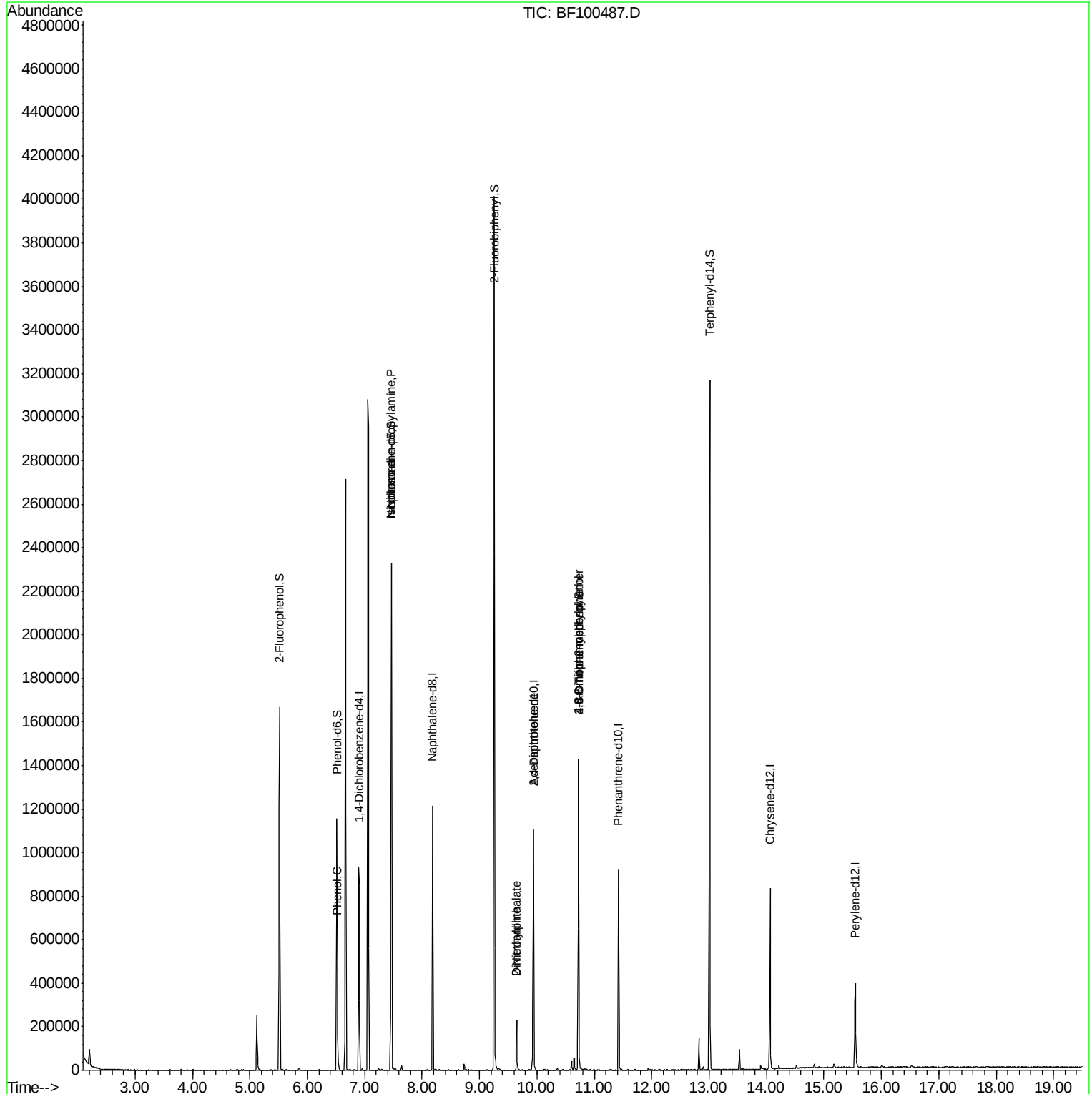
Quant Time: Nov 13 06:19:24 2017

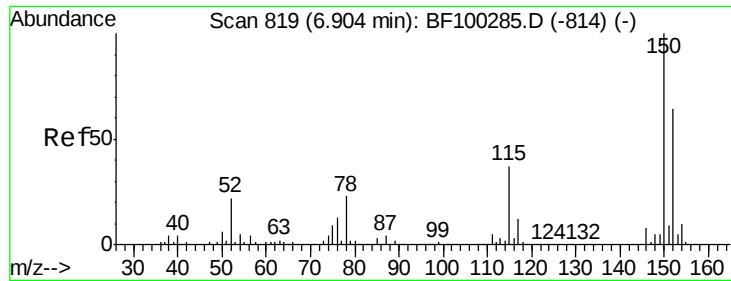
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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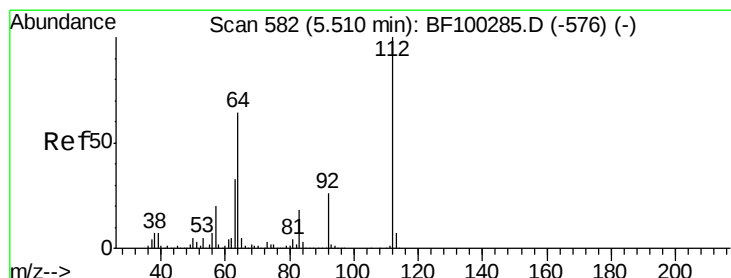
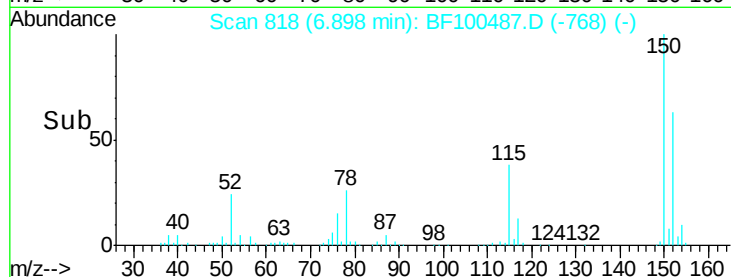
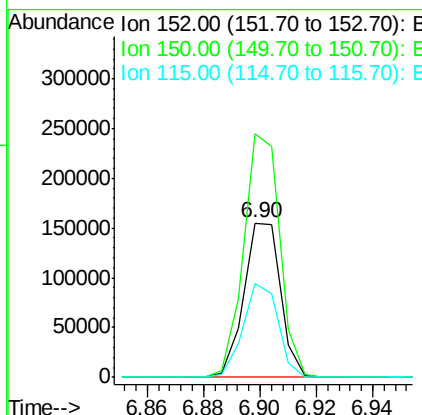
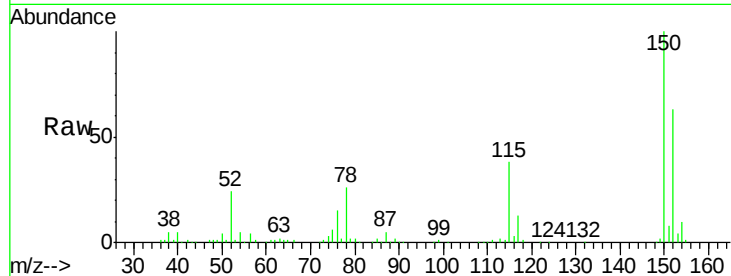




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

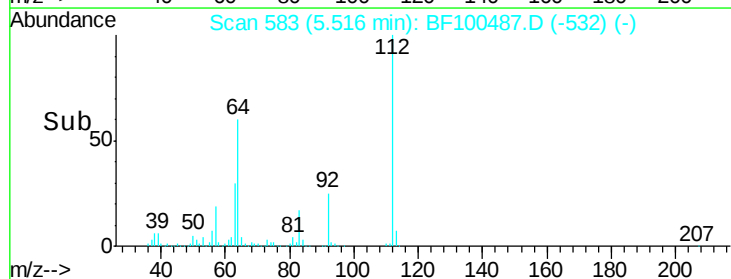
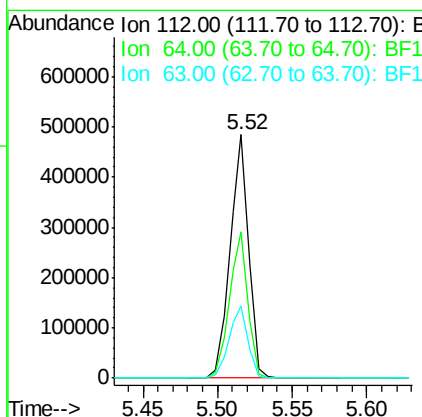
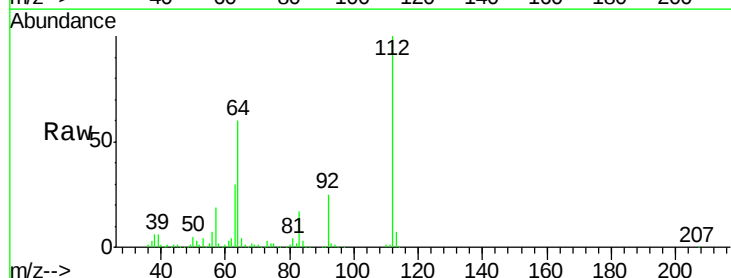
Instrument :
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 110717-JETT-E-U-S

Tgt Ion:152 Resp: 139827
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 60.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 48.93 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

Tgt Ion:112 Resp: 426790
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.9 71.9
 63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 30.64 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-U-S

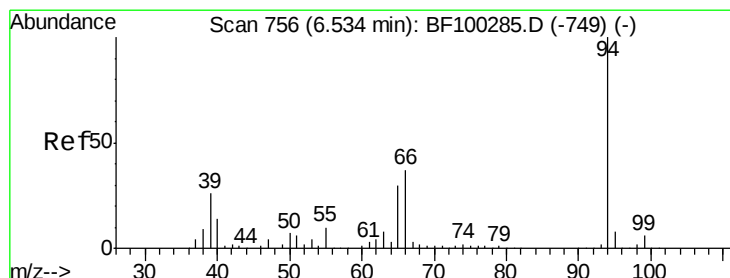
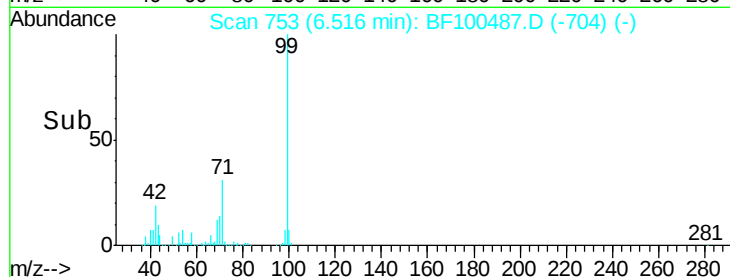
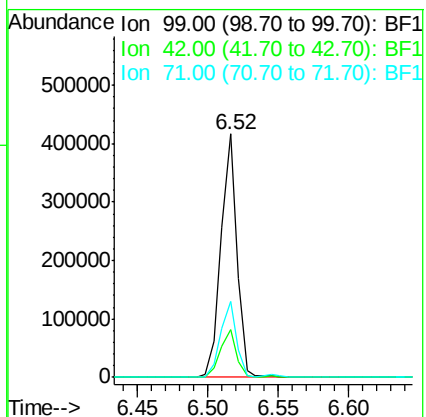
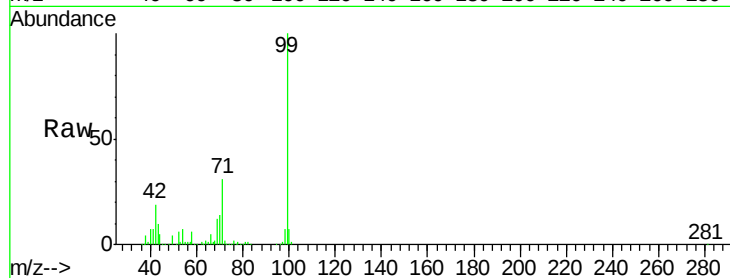
Tgt Ion: 99 Resp: 329577

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 30.9 25.4 38.0



#10

Phenol

Concen: 2.41 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

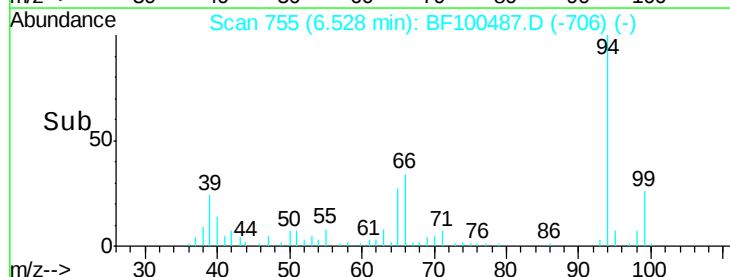
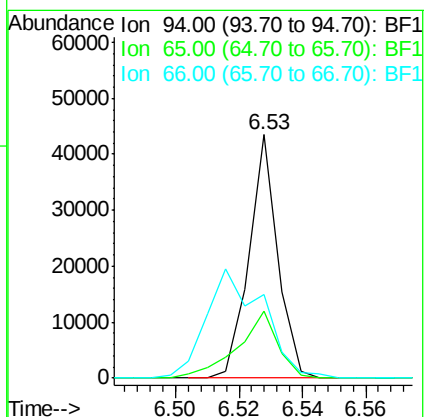
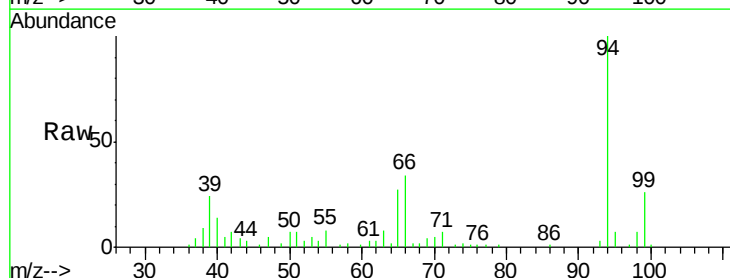
Tgt Ion: 94 Resp: 27268

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

66 34.1 16.2 56.2

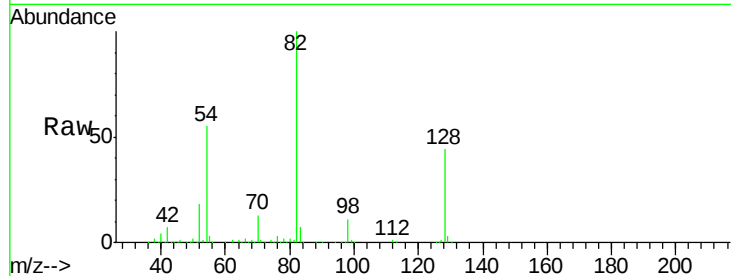




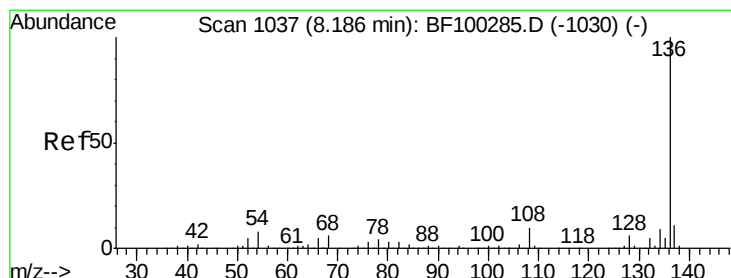
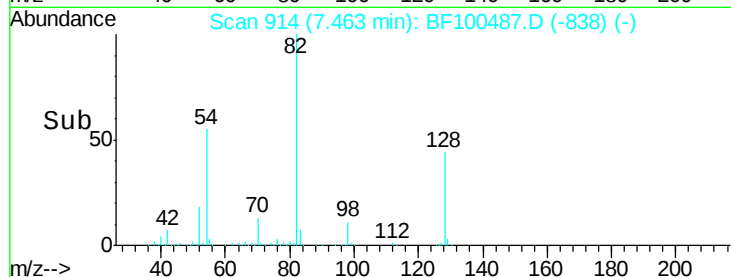
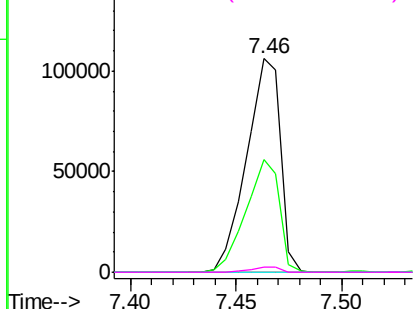
#19
n-Nitroso-di-n-propylamine
Concen: 15.88 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100487.D
Acq: 12 Nov 2017 14:07

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

Tgt Ion: 70 Resp: 118466
Ion Ratio Lower Upper
70 100
42 52.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



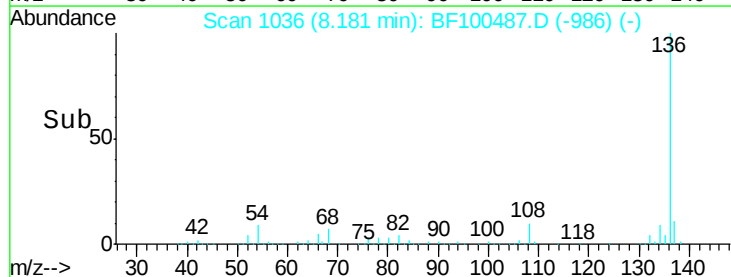
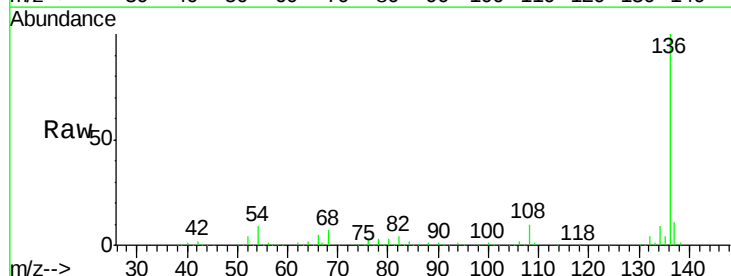
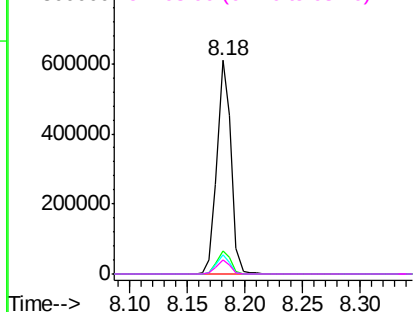
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100487.D
Acq: 12 Nov 2017 14:07

Tgt Ion: 136 Resp: 515679
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.0 6.6 9.8
68 6.6 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

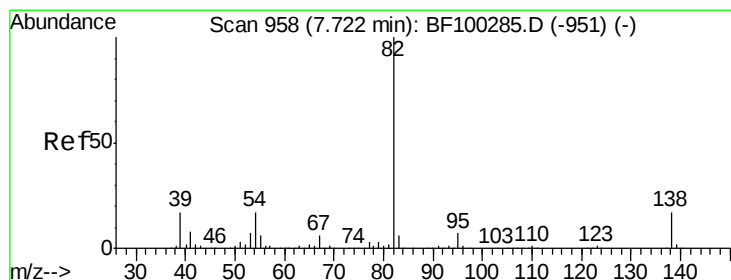
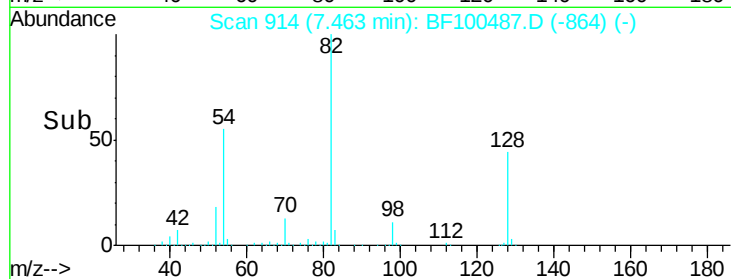
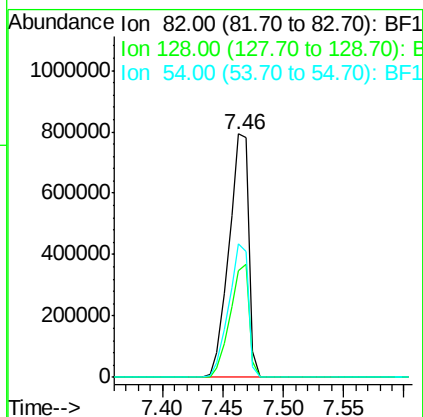
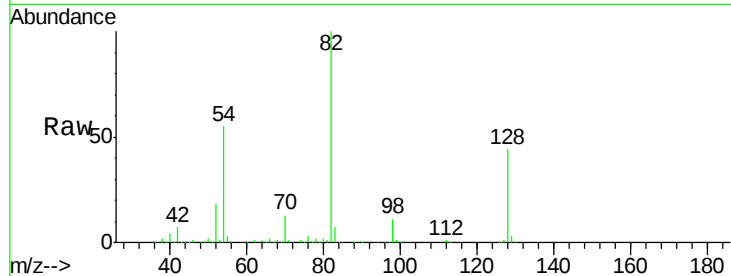




#23
 Nitrobenzene-d5
 Concen: 115.88 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

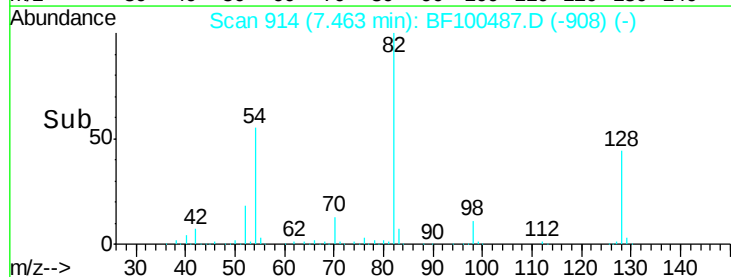
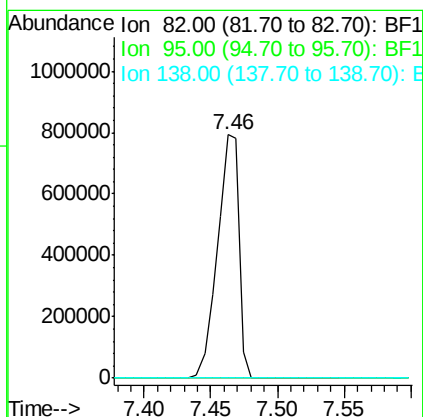
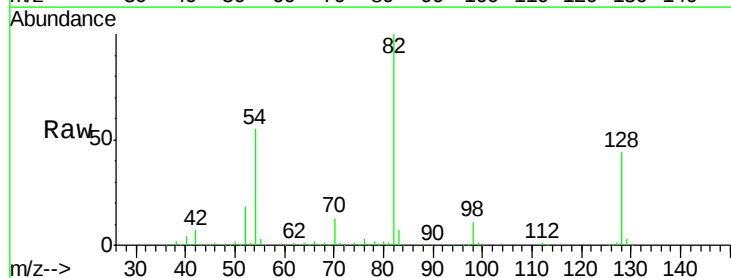
Instrument :
 BNA_F
 ClientSampleId :
 110717-JETT-E-U-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	54.7	41.4	62.2



#25
 Isophorone
 Concen: 54.96 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

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

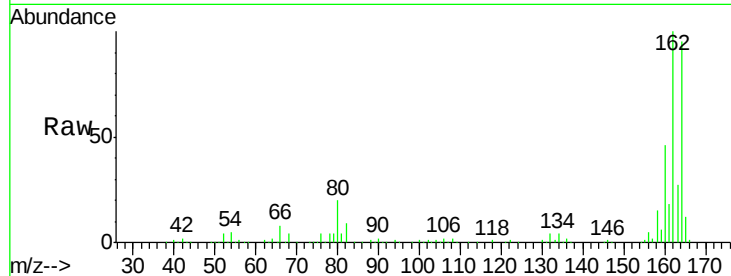




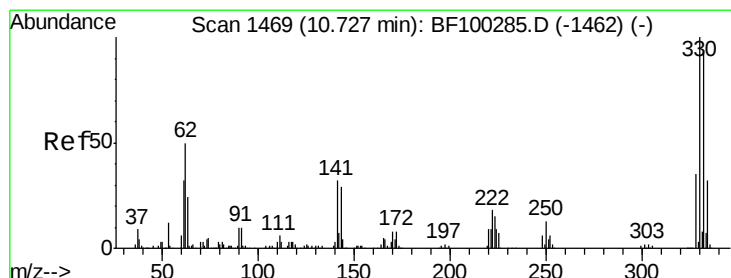
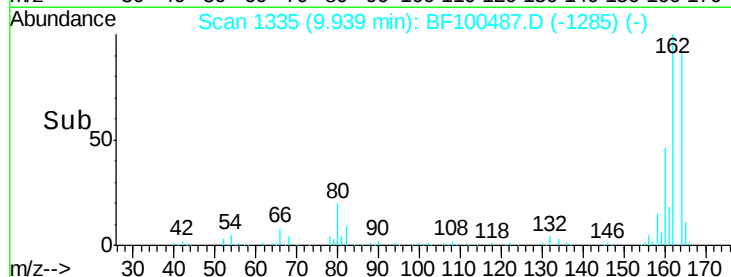
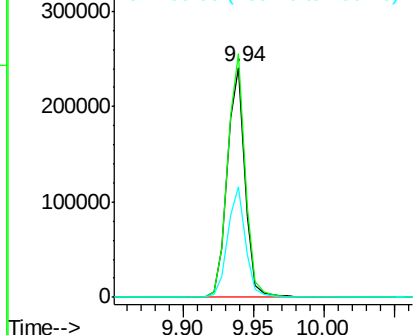
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

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

Tgt Ion:164 Resp: 210600
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 48.3 38.3 57.5

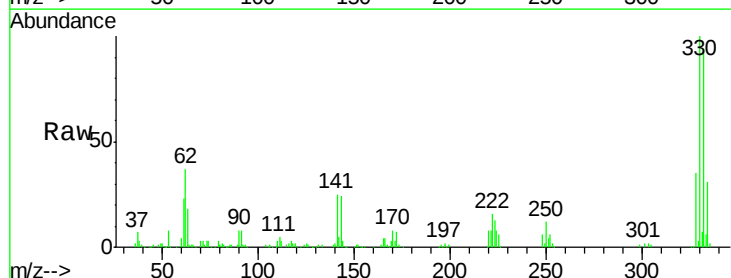


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

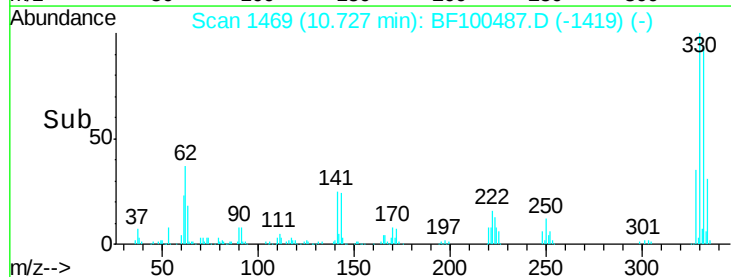
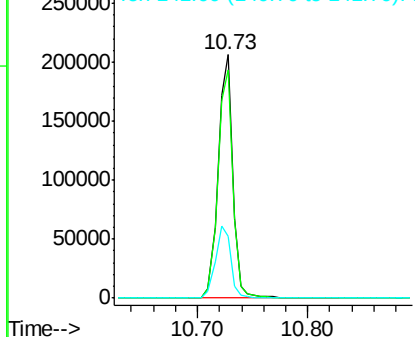


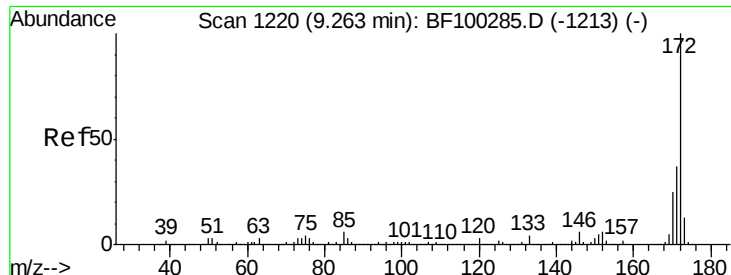
#41
 2,4,6-Tribromophenol
 Concen: 88.84 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

Tgt Ion:330 Resp: 190648
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 30.7 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

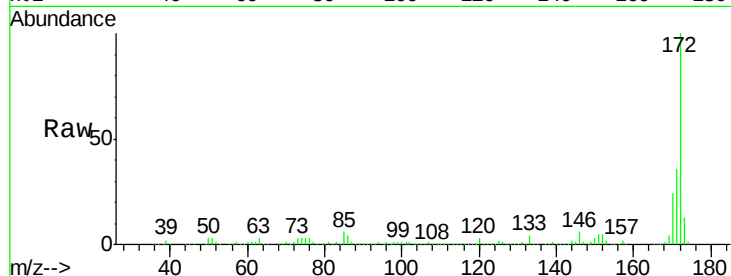




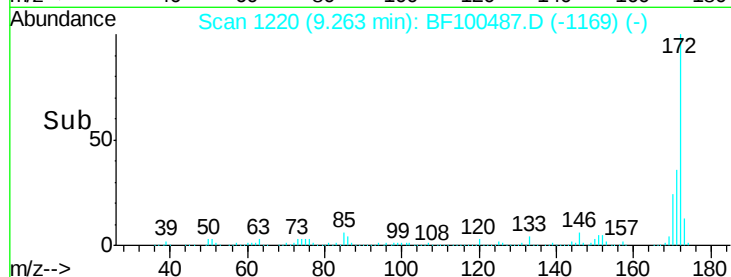
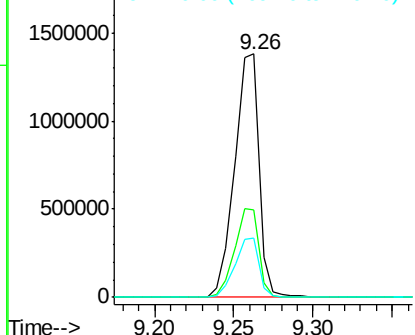
#44
 2-Fluorobiphenyl
 Concen: 106.66 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

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

Tgt Ion:172 Resp: 1475105
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 19.6 29.4

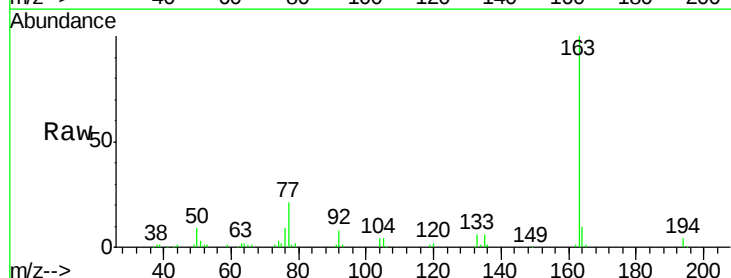


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

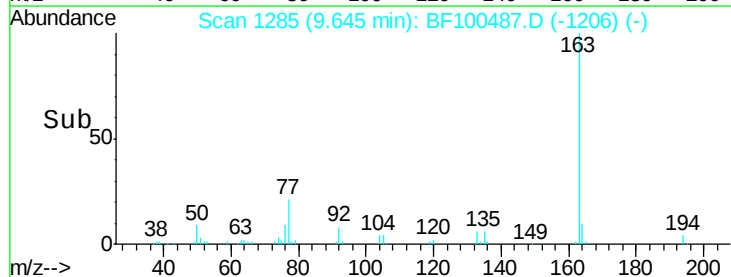
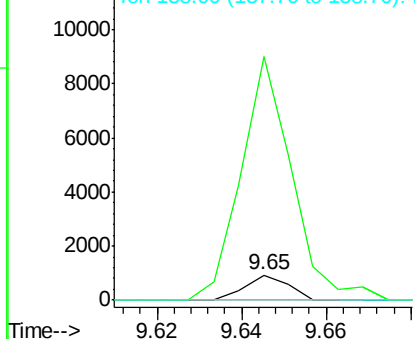


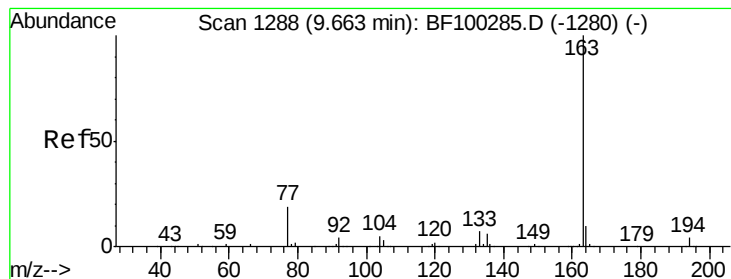
#47
 2-Nitroaniline
 Concen: 2.94 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100487.D
 Acq: 12 Nov 2017 14:07

Tgt Ion: 65 Resp: 653
 Ion Ratio Lower Upper
 65 100
 92 974.8 55.8 83.6#
 138 0.0 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): E





#49

Dimethylphthalate

Concen: 5.81 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

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110717-JETT-E-U-S

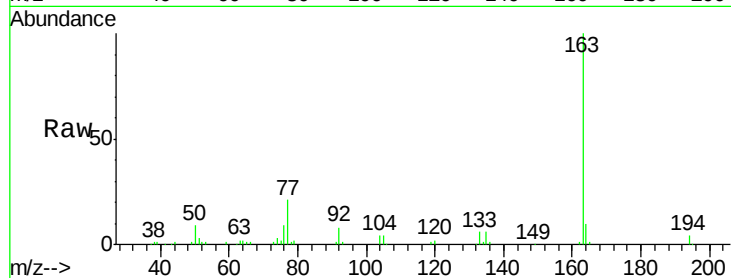
Tgt Ion:163 Resp: 93351

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

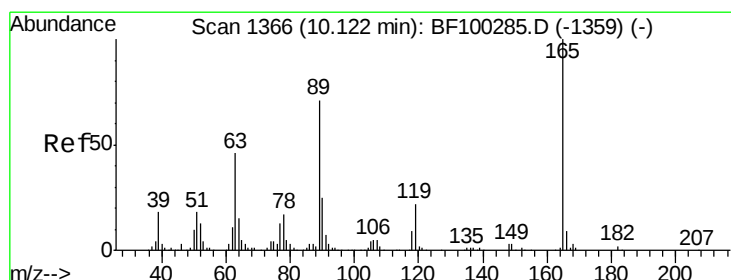
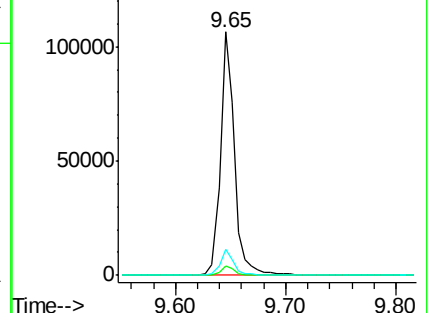
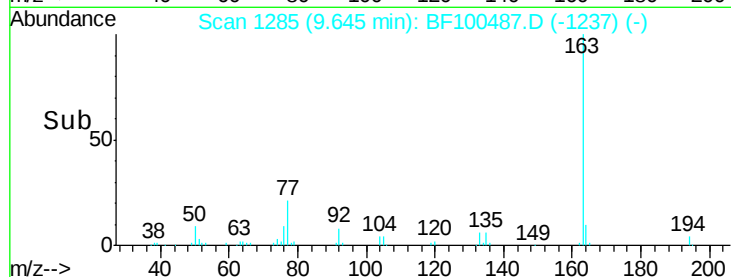
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.76 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.19 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

Tgt Ion:165 Resp: 27133

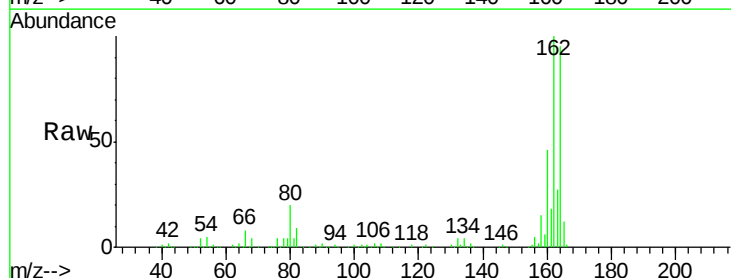
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

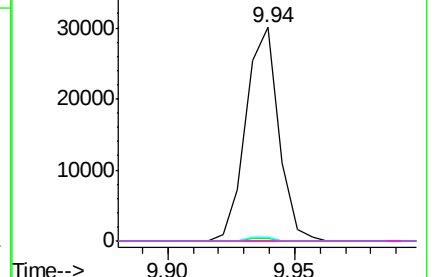
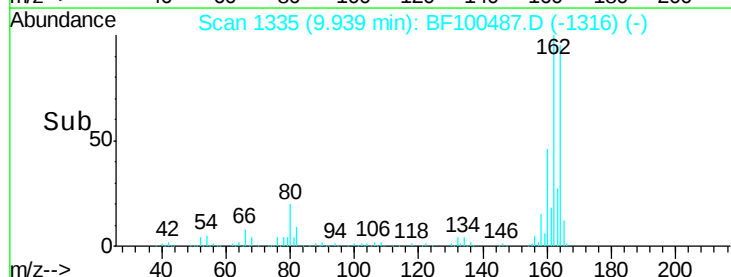


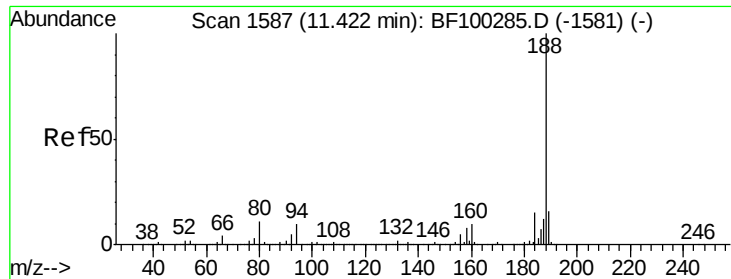
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF100487.D

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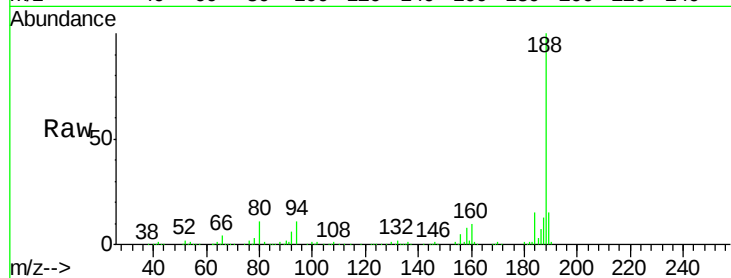
Tgt Ion:188 Resp: 324266

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

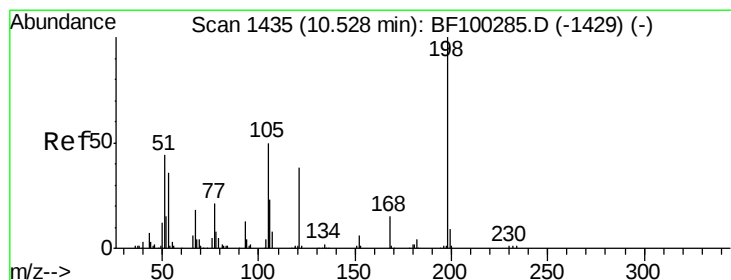
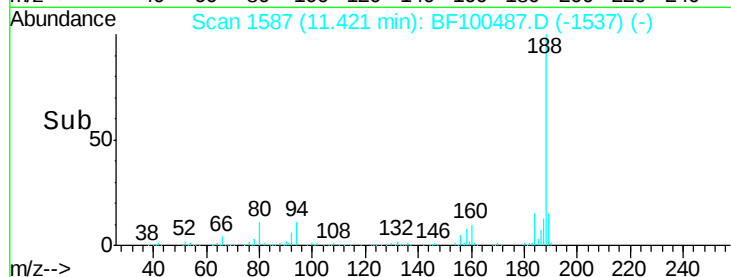
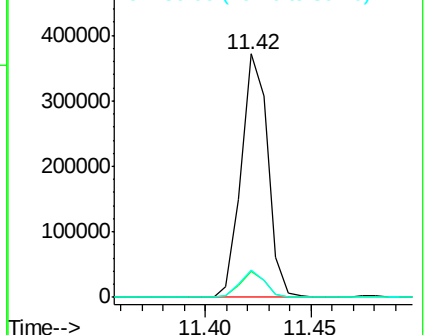
80 11.4 9.2 13.8



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: 8.71 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

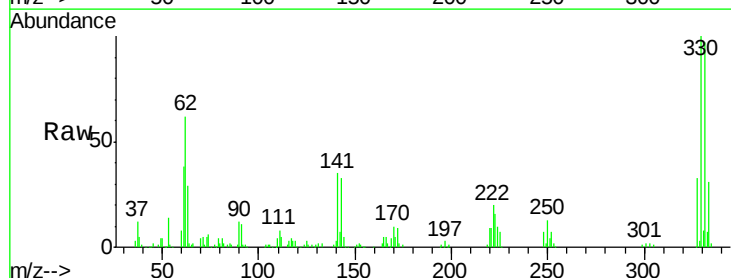
Tgt Ion:198 Resp: 280

Ion Ratio Lower Upper

198 100

51 178.6 37.7 77.7#

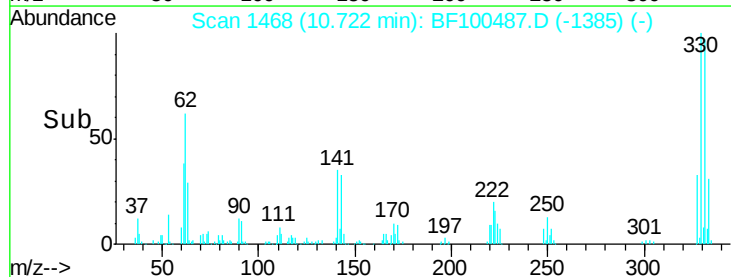
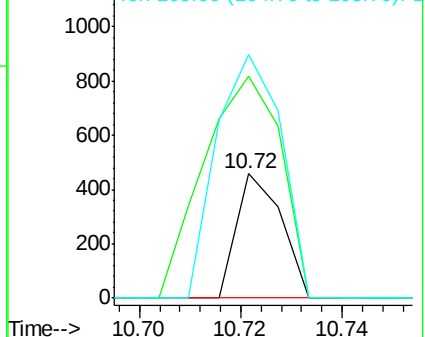
105 196.3 36.3 76.3#

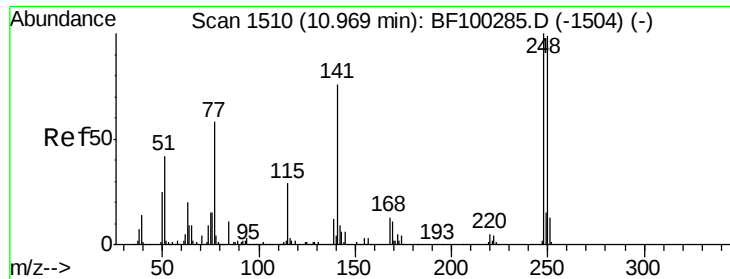


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

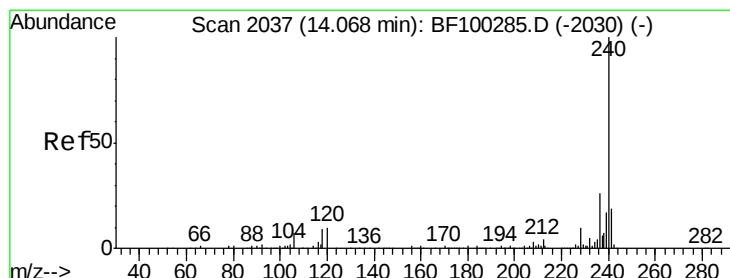
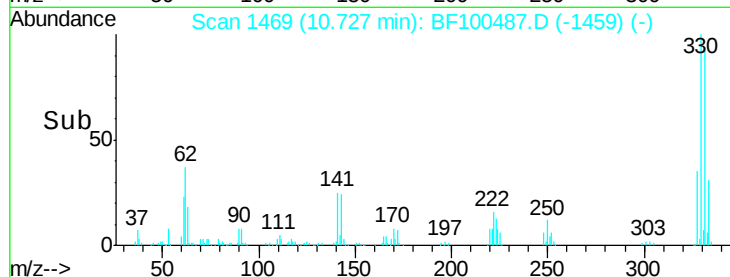
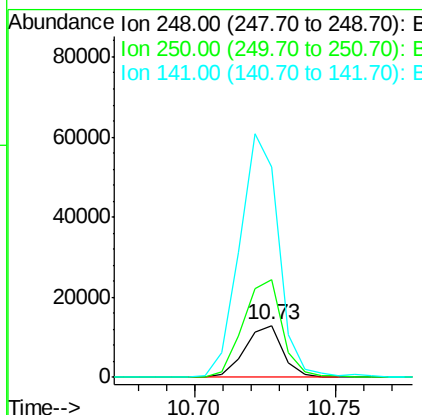
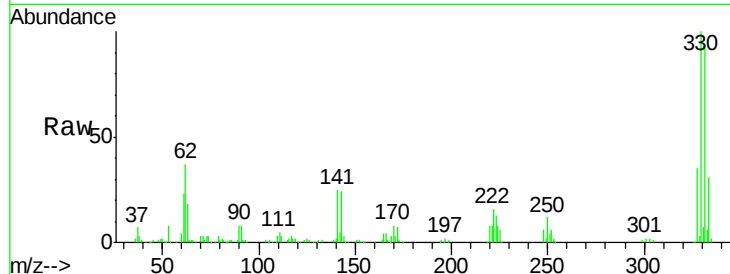




#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100487.D
Acq: 12 Nov 2017 14:07

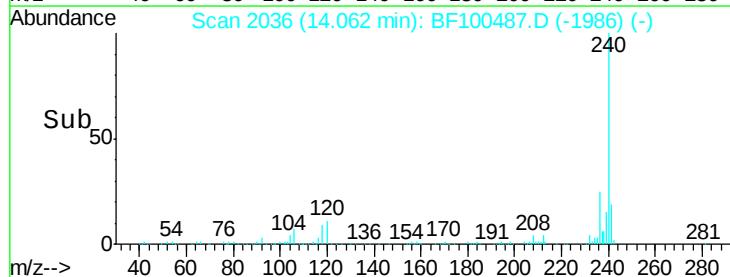
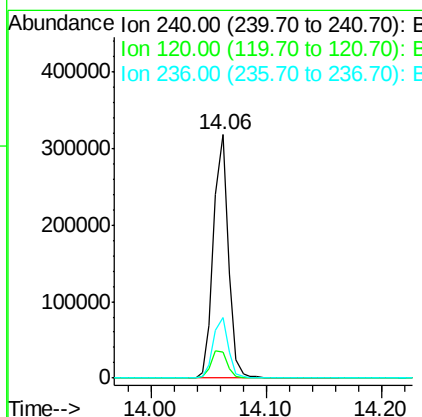
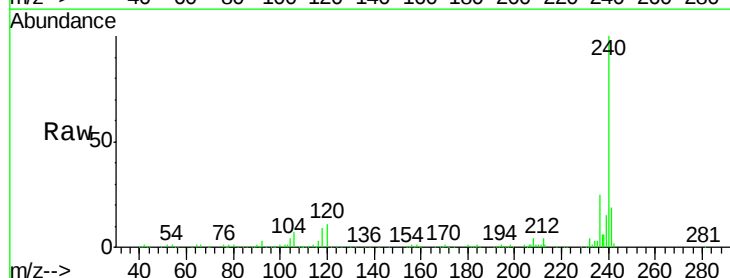
Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-U-S

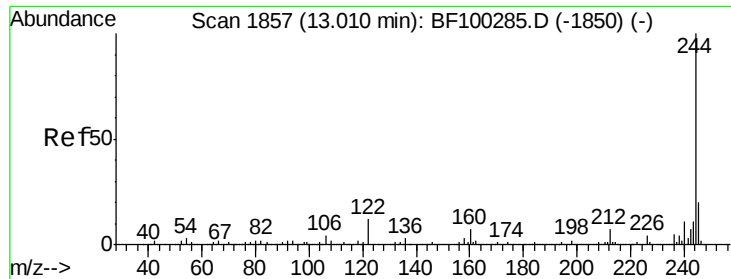
Tgt Ion:248 Resp: 11955
Ion Ratio Lower Upper
248 100
250 189.1 76.9 115.3#
141 407.6 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100487.D
Acq: 12 Nov 2017 14:07

Tgt Ion:240 Resp: 287178
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 24.7 20.7 31.1





#78

Terphenyl-d14

Concen: 84.26 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-U-S

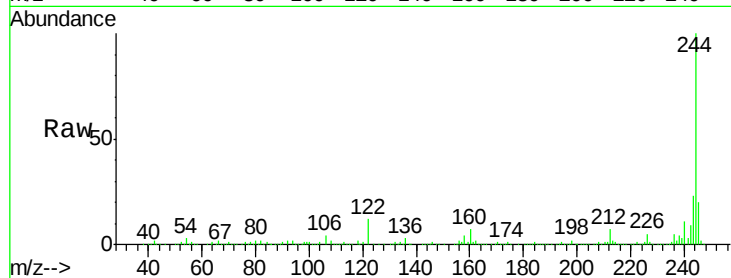
Tgt Ion:244 Resp: 1053137

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

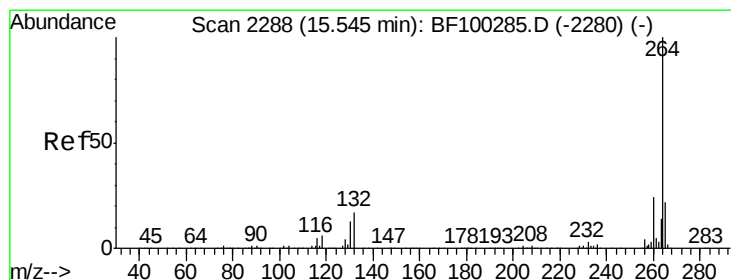
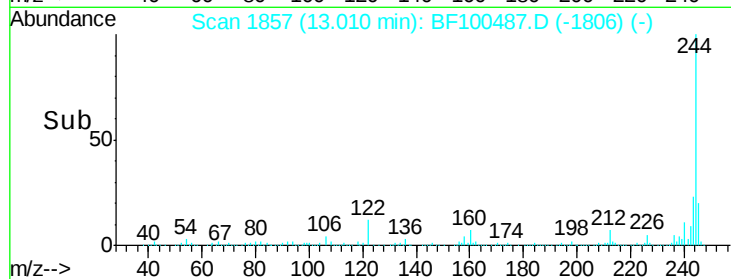
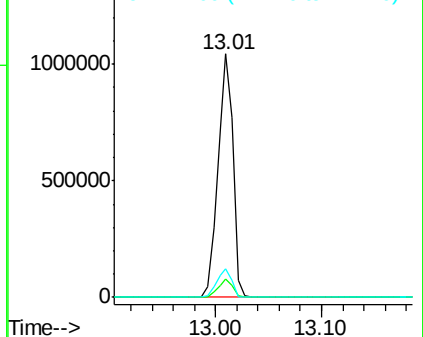
122 11.8 11.0 16.4



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: BF100487.D

Acq: 12 Nov 2017 14:07

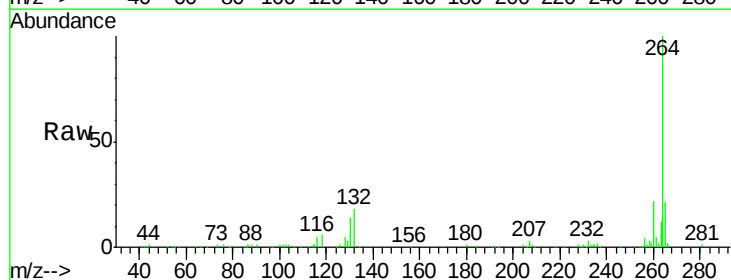
Tgt Ion:264 Resp: 198929

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.9 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

