

Data File : BF100488.D
Acq On : 12 Nov 2017 14:34
Operator : SJ/JU
Sample : I6403-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-B

Quant Time: Nov 13 06:19:51 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	146450	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	539137	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	217845	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	335855	20.00	ng	0.00
75) Chrysene-d12	14.06	240	288835	20.00	ng	0.00
86) Perylene-d12	15.54	264	207045	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	424568	46.47	ng	0.00
7) Phenol-d6	6.52	99	324706	28.82	ng	-0.01
23) Nitrobenzene-d5	7.47	82	949001	116.37	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	197121	88.80	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1547326	108.16	ng	0.00
78) Terphenyl-d14	13.01	244	1083558	86.20	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	127473	16.32	ng	# 80
25) Isophorone	7.47	82	945735	55.19	ng	# 64
47) 2-Nitroaniline	9.65	65	560	2.91	ng	# 1
49) Dimethylphthalate	9.65	163	73367	4.41	ng	99
50) 2,6-Dinitrotoluene	9.94	165	27160	8.25	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	27160	6.54	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	305	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	12459	3.46	ng	# 1

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

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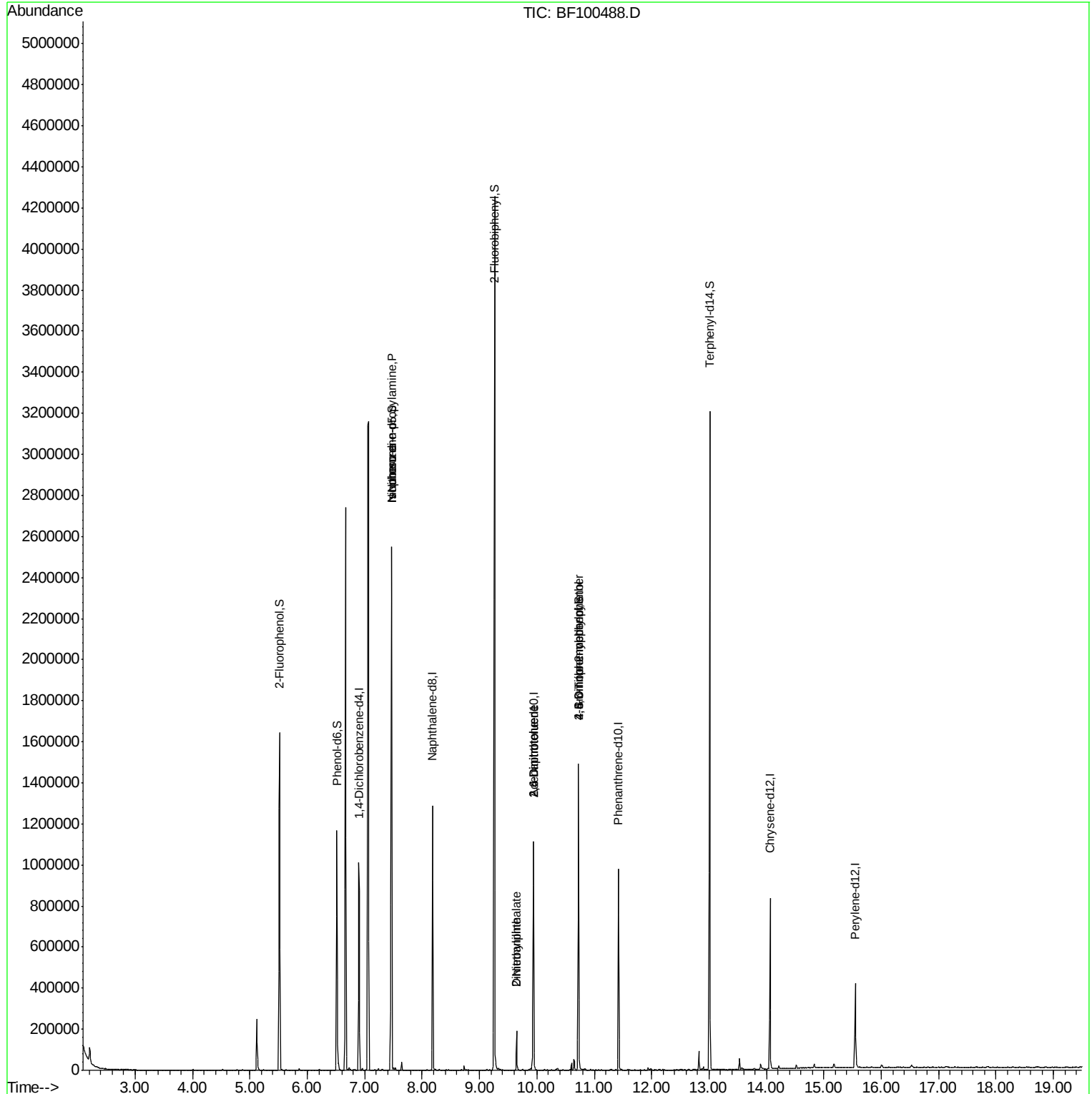
Quant Time: Nov 13 06:19:51 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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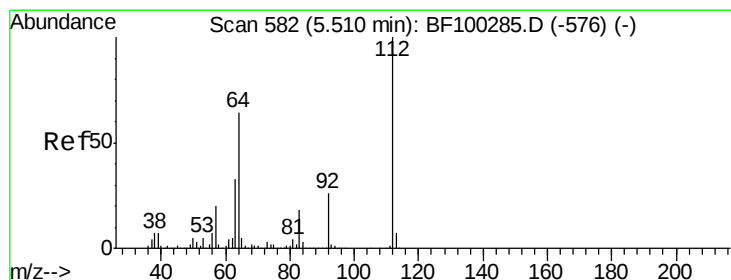
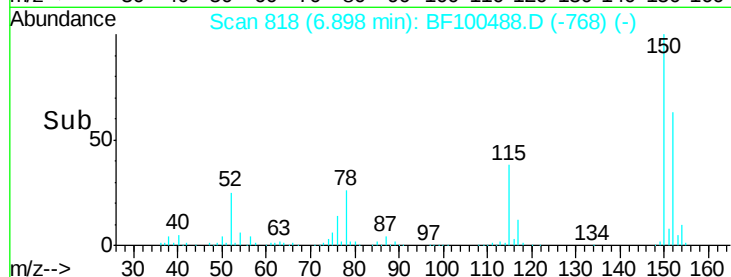
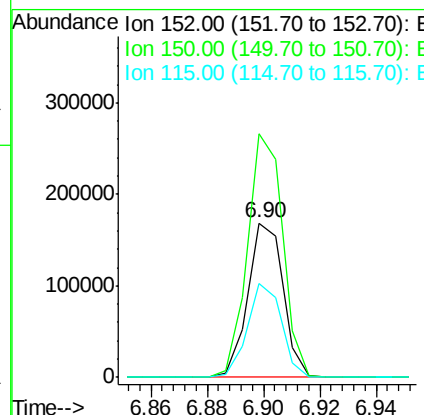
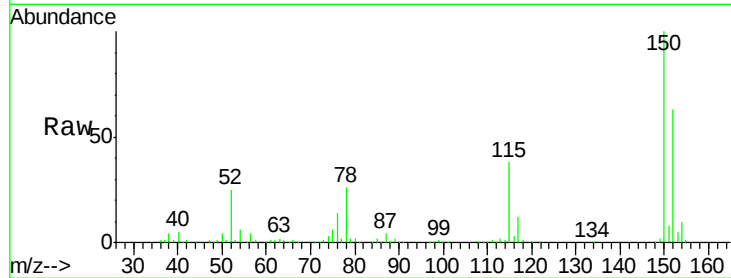




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100488.D
 Acq: 12 Nov 2017 14:34

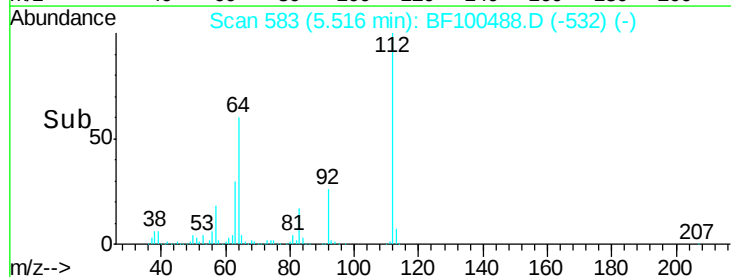
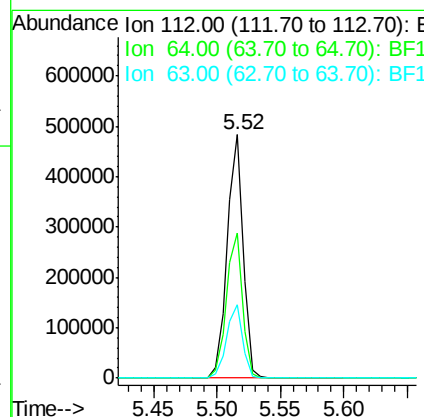
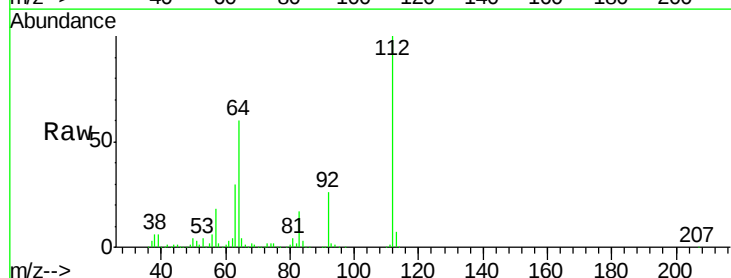
Instrument :
 BNA_F
 ClientSampleId :
 110817-JETT-F-D-B

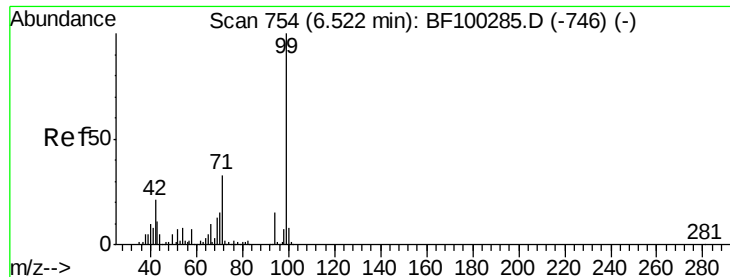
Tgt Ion:152 Resp: 146450
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 60.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 46.47 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF100488.D
 Acq: 12 Nov 2017 14:34

Tgt Ion:112 Resp: 424568
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 28.82 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100488.D

Acq: 12 Nov 2017 14:34

Instrument :

BNA_F

ClientSampleId :

110817-JETT-F-D-B

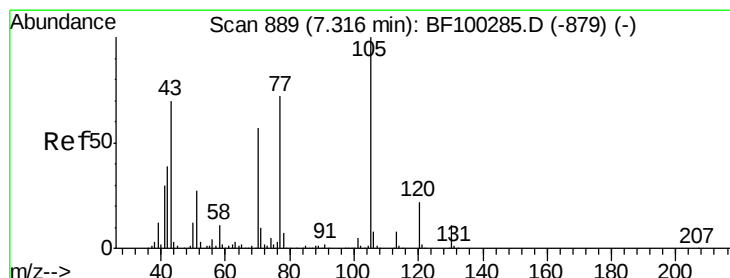
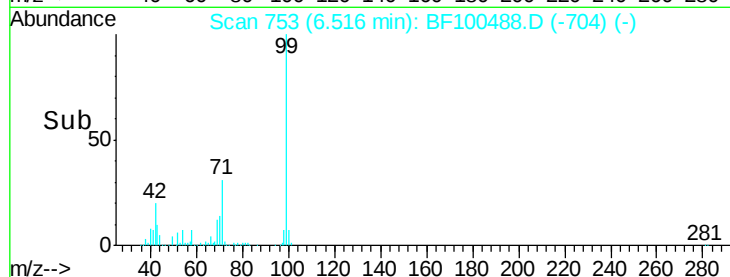
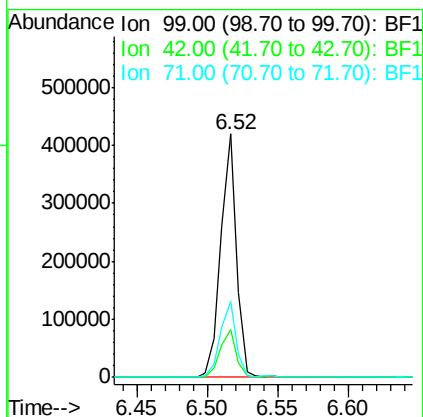
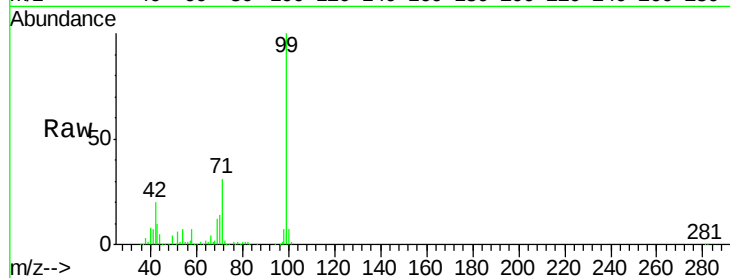
Tgt Ion: 99 Resp: 324706

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 31.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.32 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100488.D

Acq: 12 Nov 2017 14:34

Tgt Ion: 70 Resp: 127473

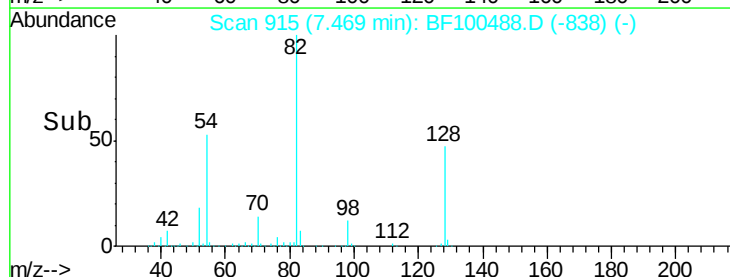
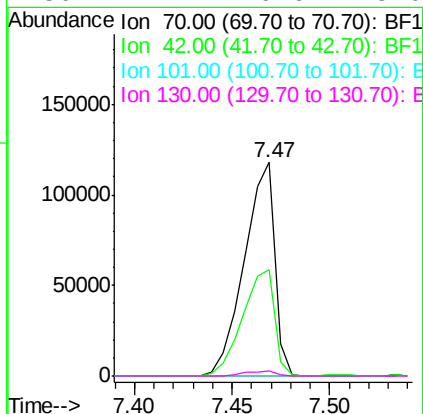
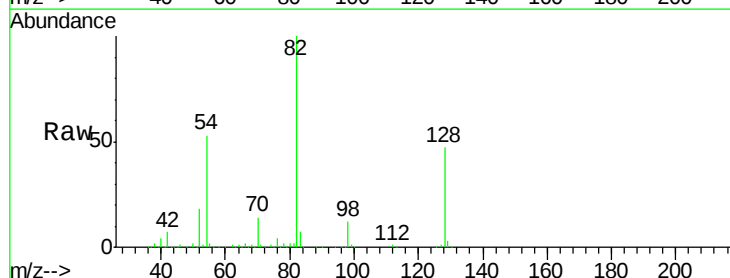
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

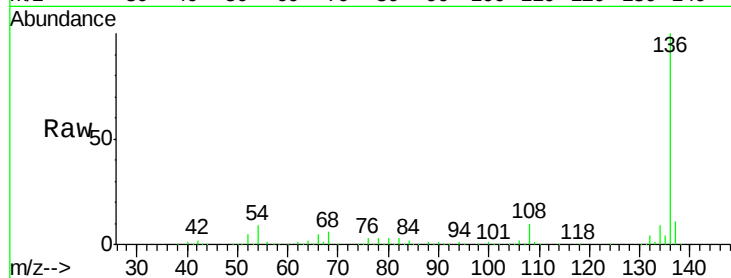




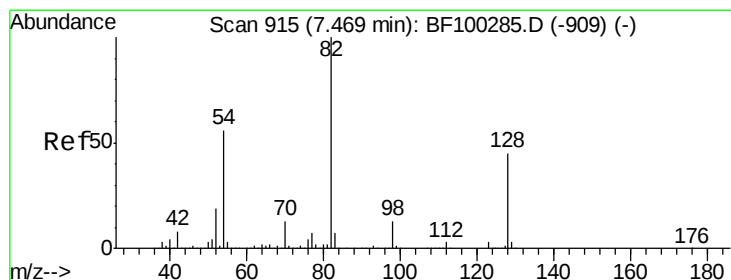
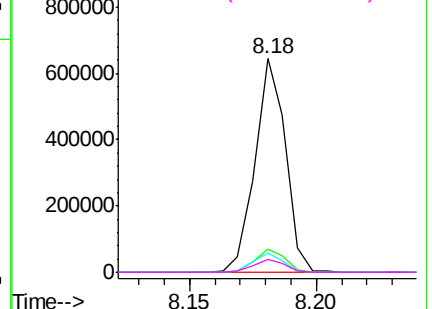
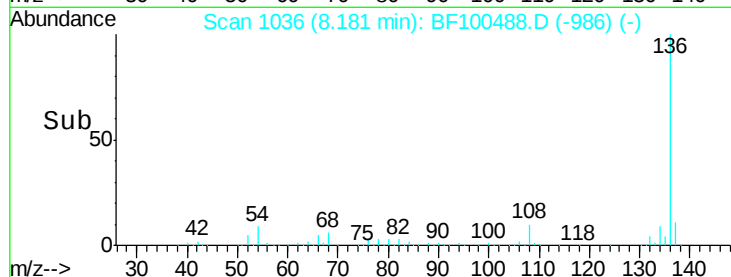
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100488.D
Acq: 12 Nov 2017 14:34

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-B

Tgt Ion:	136	Resp:	539137
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4

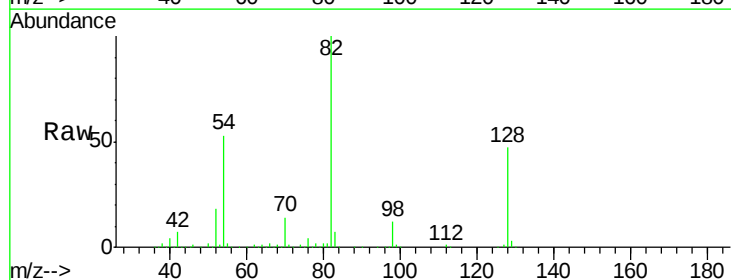


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

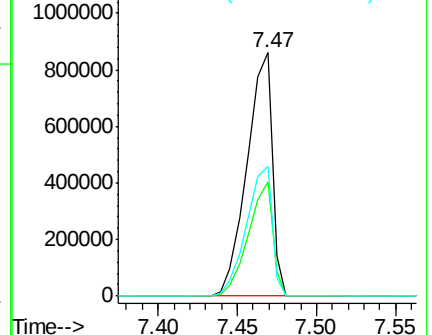
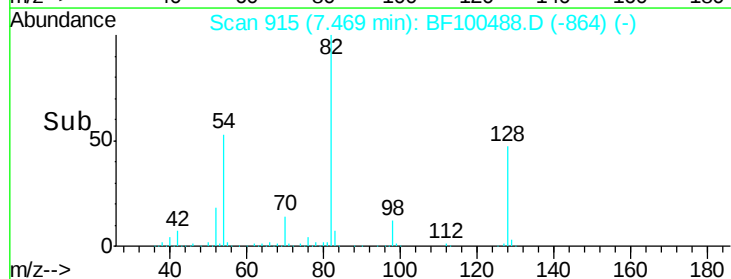


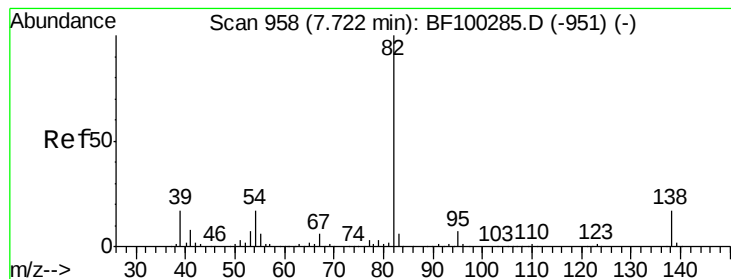
#23
Nitrobenzene-d5
Concen: 116.37 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100488.D
Acq: 12 Nov 2017 14:34

Tgt Ion:	82	Resp:	949001
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.4	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: 55.19 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100488.D

Acq: 12 Nov 2017 14:34

Instrument :

BNA_F

ClientSampleId :

110817-JETT-F-D-B

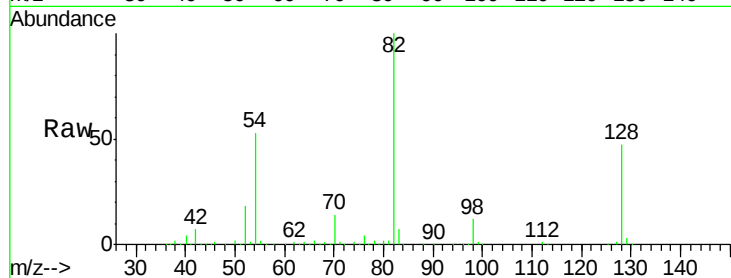
Tgt Ion: 82 Resp: 945735

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

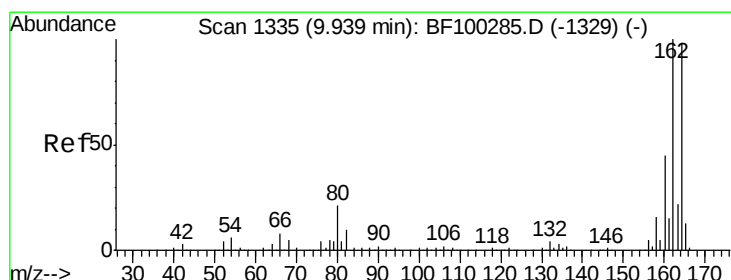
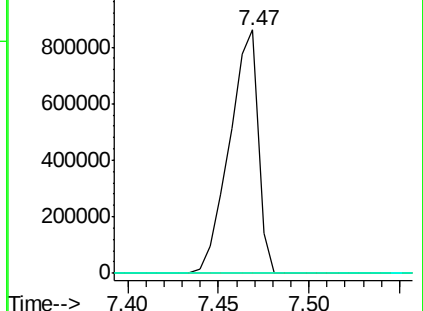
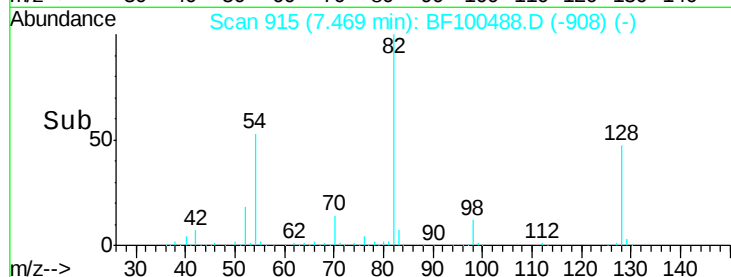
138 0.0 14.9 22.3#



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: BF100488.D

Acq: 12 Nov 2017 14:34

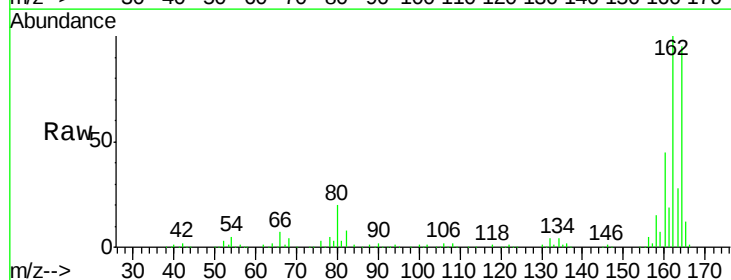
Tgt Ion: 164 Resp: 217845

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

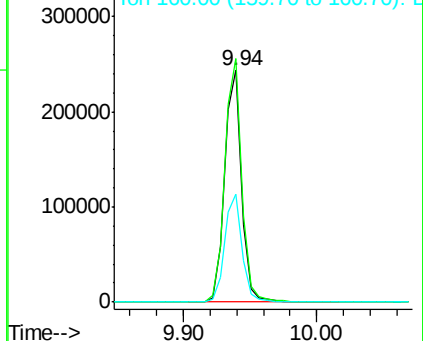
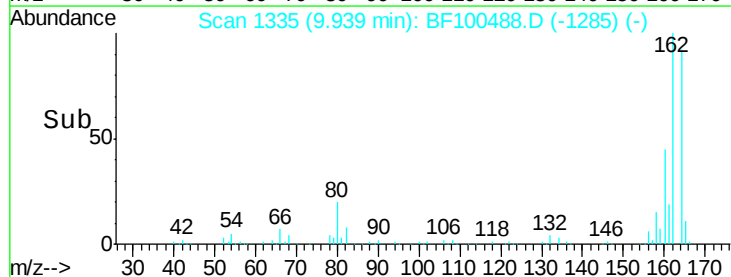
160 46.8 38.3 57.5

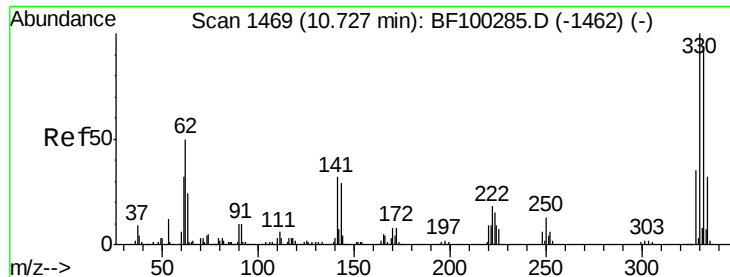


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

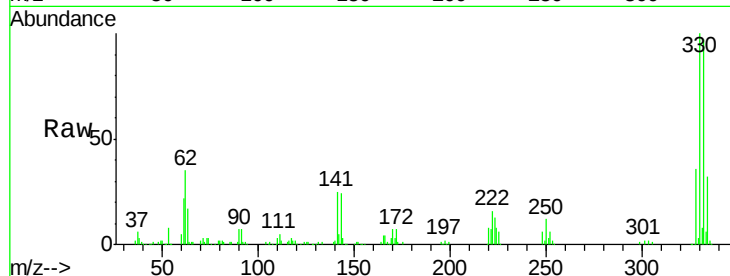




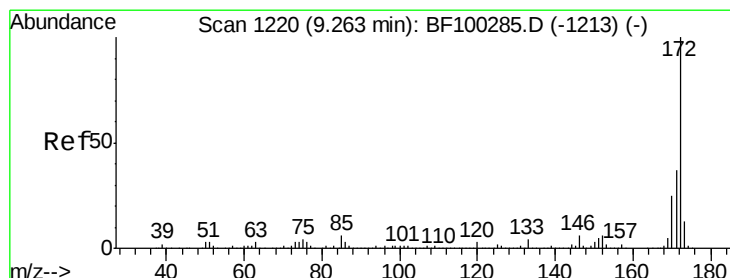
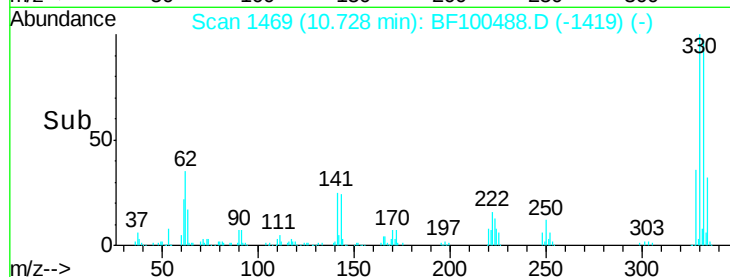
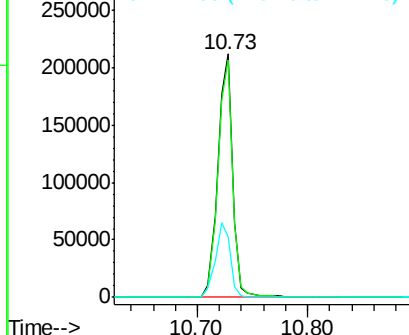
#41
 2,4,6-Tribromophenol
 Concen: 88.80 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100488.D
 Acq: 12 Nov 2017 14:34

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Tgt Ion: 330 Resp: 197121
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 30.6 29.9 44.9

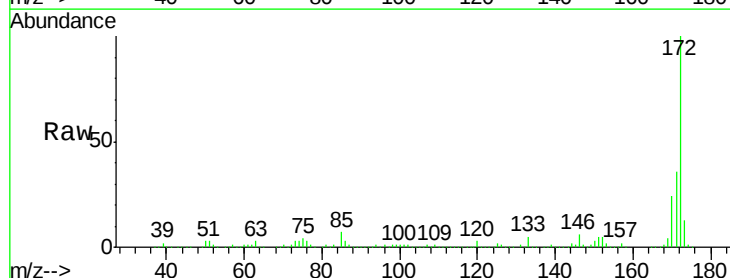


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

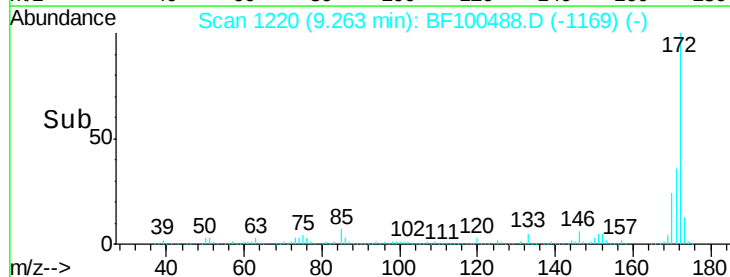
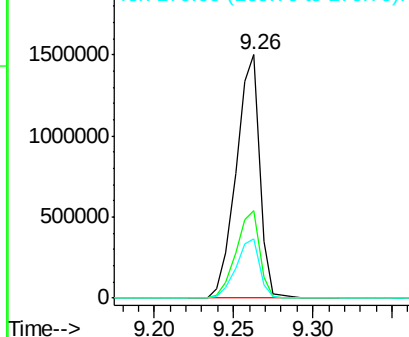


#44
 2-Fluorobiphenyl
 Concen: 108.16 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100488.D
 Acq: 12 Nov 2017 14:34

Tgt Ion: 172 Resp: 1547326
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

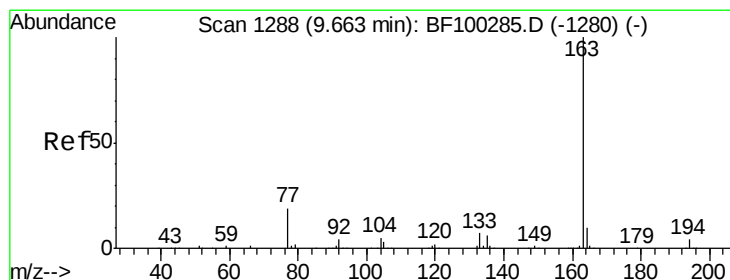
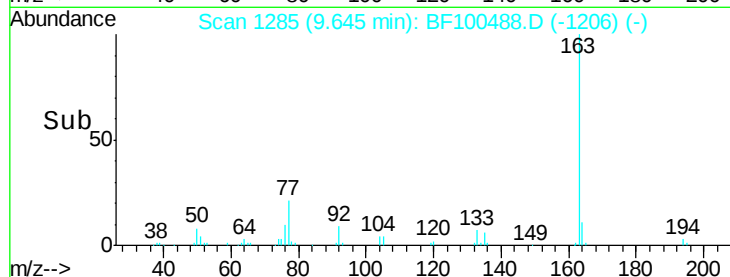
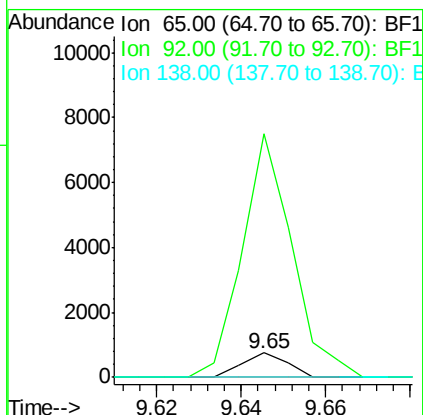
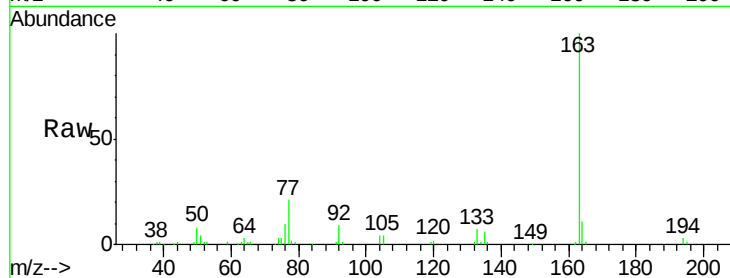




#47
2-Nitroaniline
Concen: 2.91 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100488.D
Acq: 12 Nov 2017 14:34

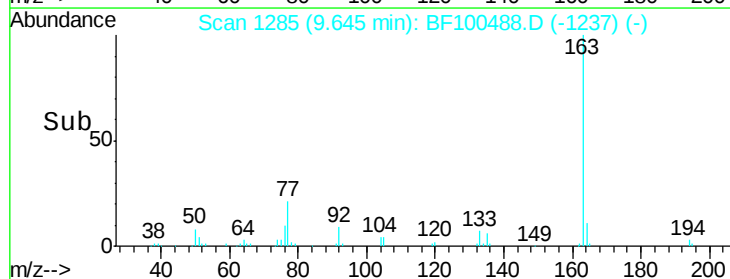
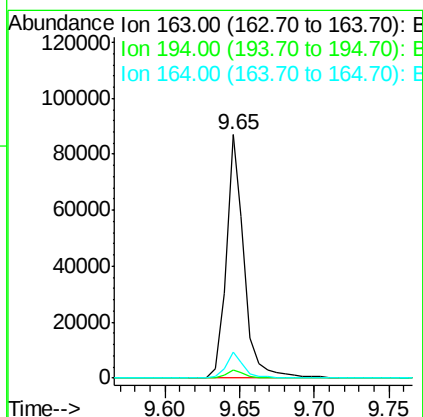
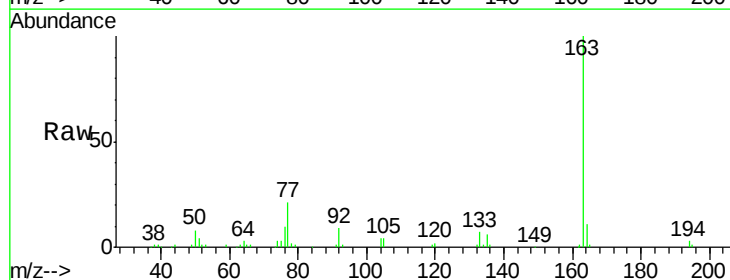
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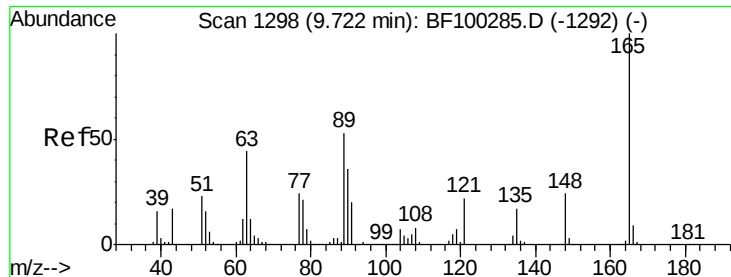
Tgt Ion: 65 Resp: 560
Ion Ratio Lower Upper
65 100
92 994.8 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 4.41 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100488.D
Acq: 12 Nov 2017 14:34

Tgt Ion: 163 Resp: 73367
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.9 8.2 12.2

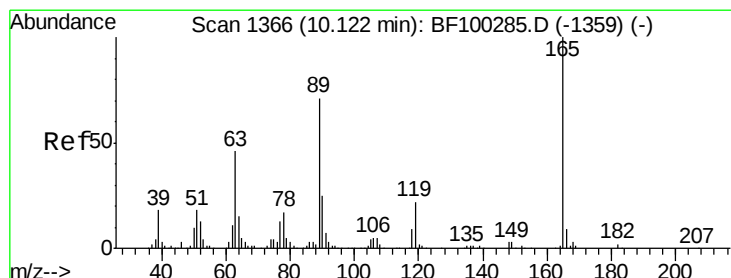
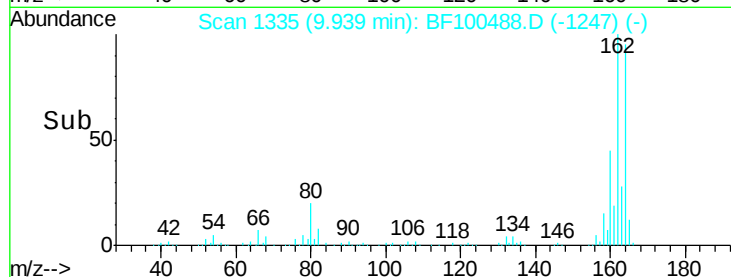
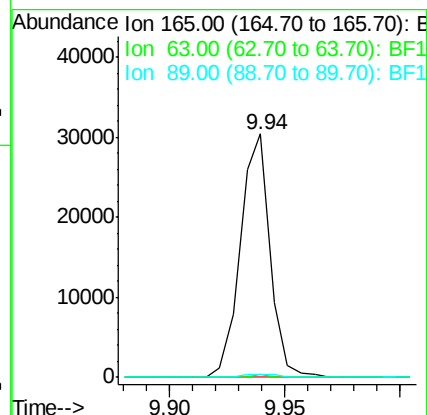
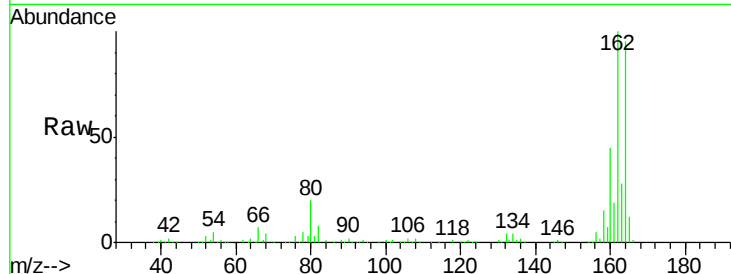




#50
 2,6-Dinitrotoluene
 Concen: 8.25 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100488.D
 Acq: 12 Nov 2017 14:34

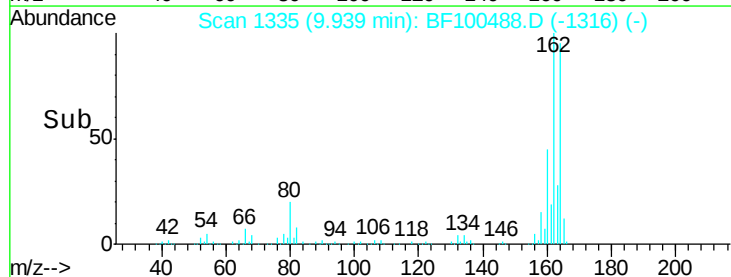
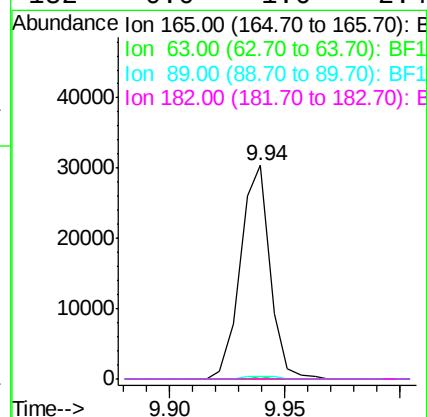
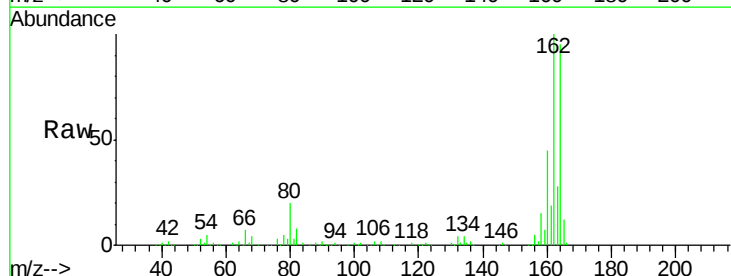
Instrument :
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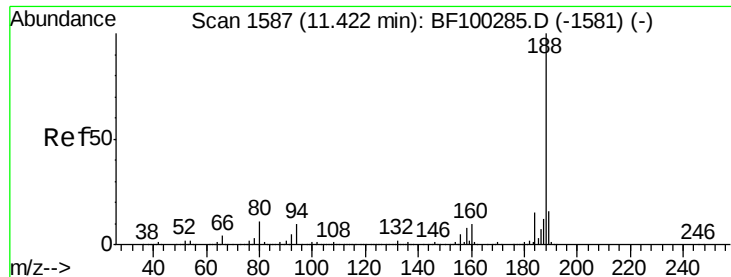
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100488.D
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100488.D

Acq: 12 Nov 2017 14:34

Instrument :

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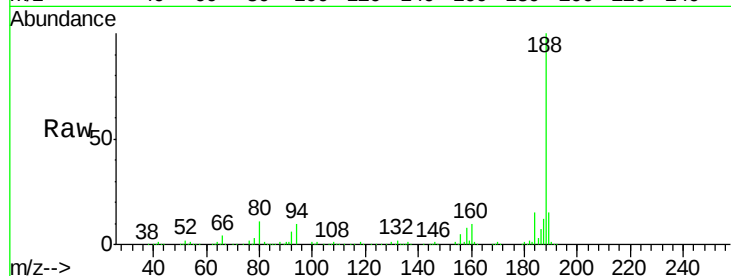
Tgt Ion:188 Resp: 335855

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

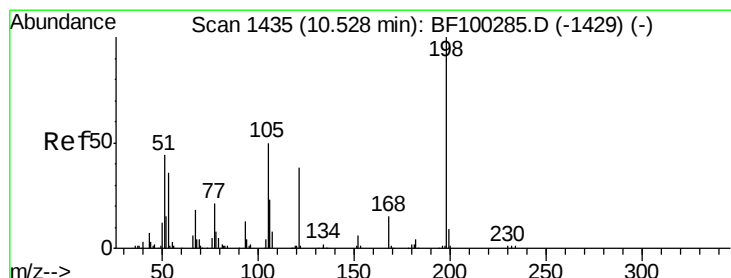
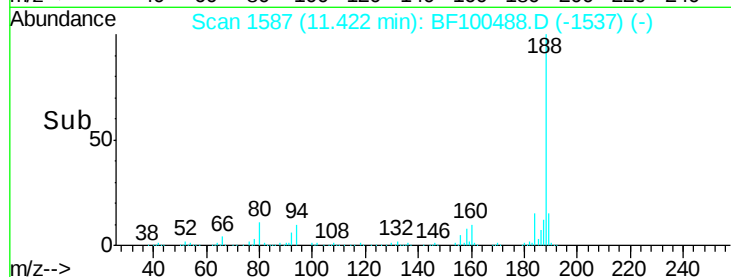
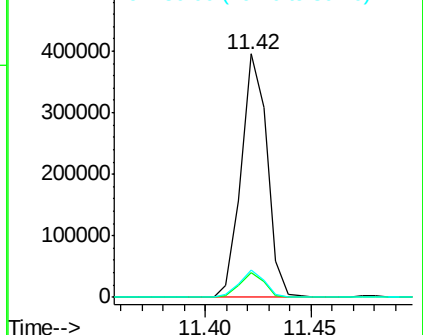
80 11.2 9.2 13.8



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: 8.72 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100488.D

Acq: 12 Nov 2017 14:34

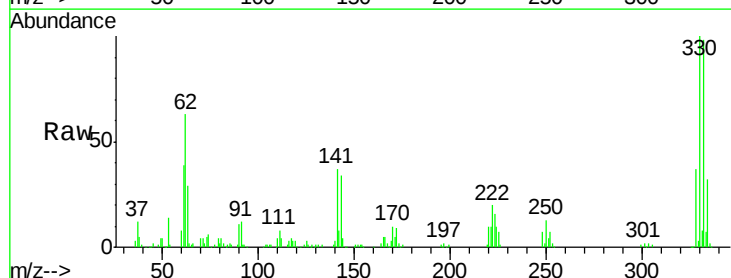
Tgt Ion:198 Resp: 305

Ion Ratio Lower Upper

198 100

51 135.8 37.7 77.7#

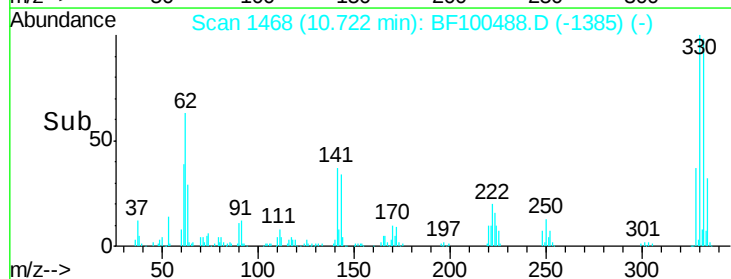
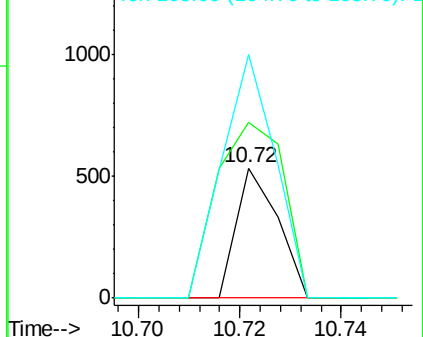
105 187.8 36.3 76.3#

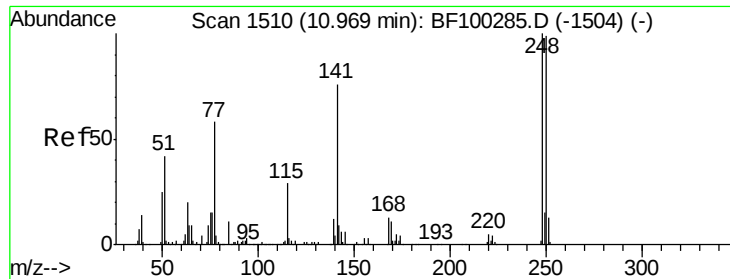


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

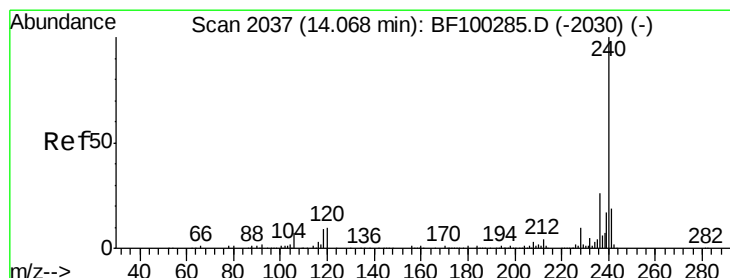
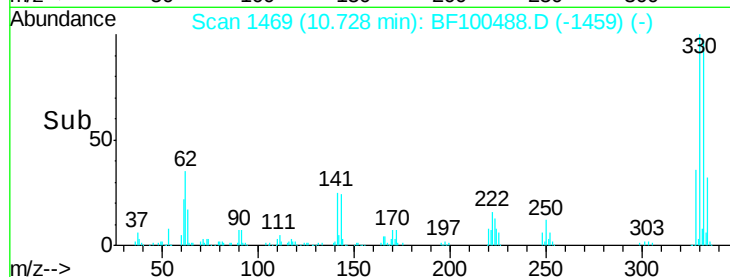
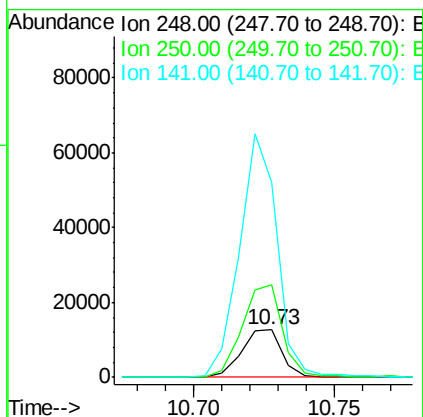
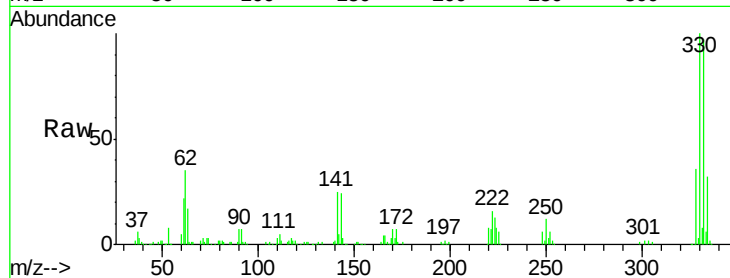




#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100488.D
Acq: 12 Nov 2017 14:34

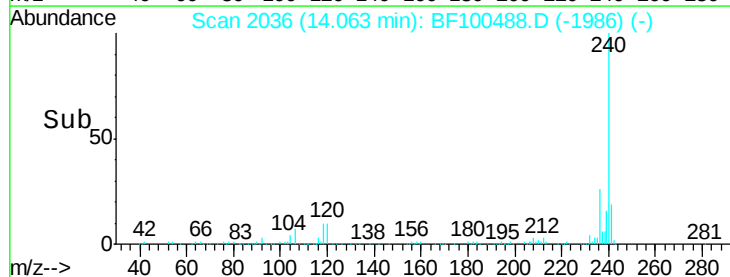
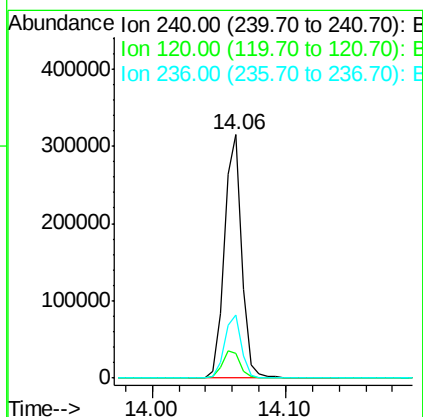
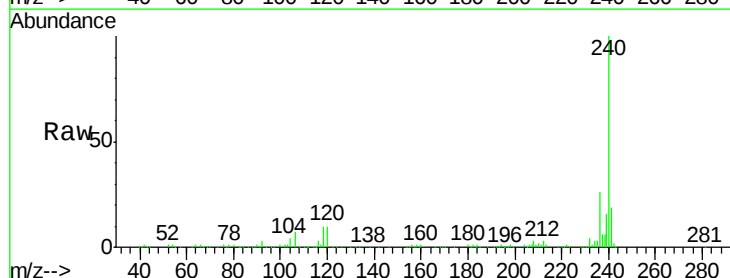
Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-B

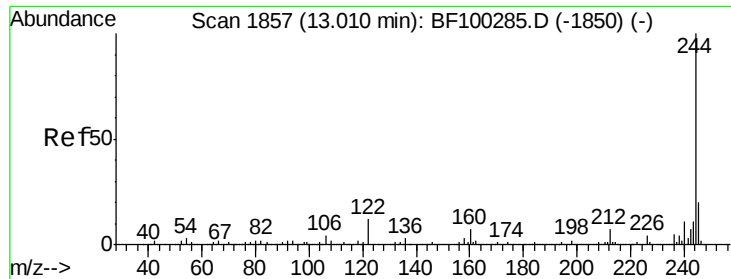
Tgt Ion:248 Resp: 12459
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 414.6 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100488.D
Acq: 12 Nov 2017 14:34

Tgt Ion:240 Resp: 288835
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 86.20 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100488.D

Acq: 12 Nov 2017 14:34

Instrument :

BNA_F

ClientSampleId :

110817-JETT-F-D-B

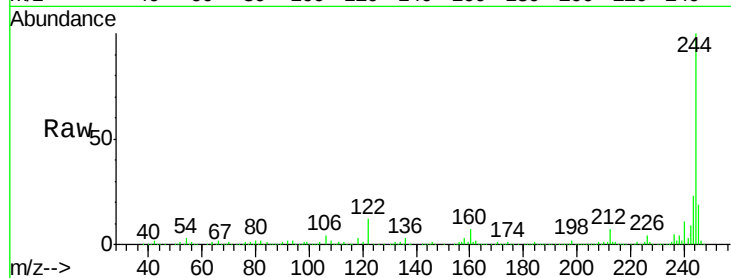
Tgt Ion:244 Resp: 1083558

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

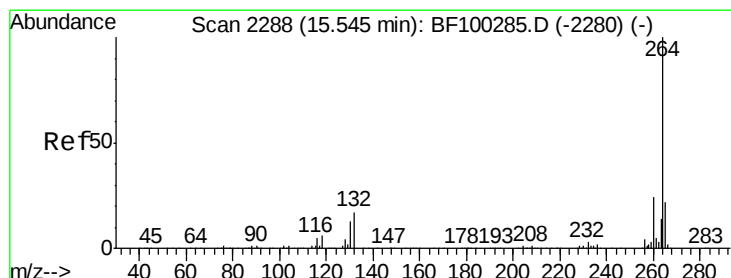
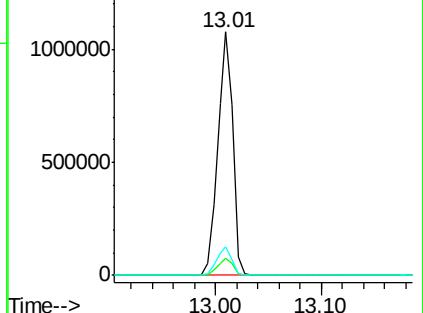
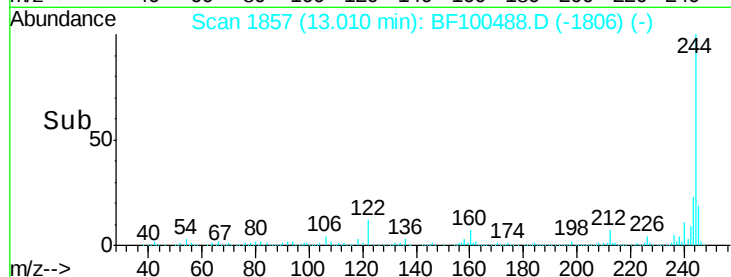
122 11.7 11.0 16.4



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: BF100488.D

Acq: 12 Nov 2017 14:34

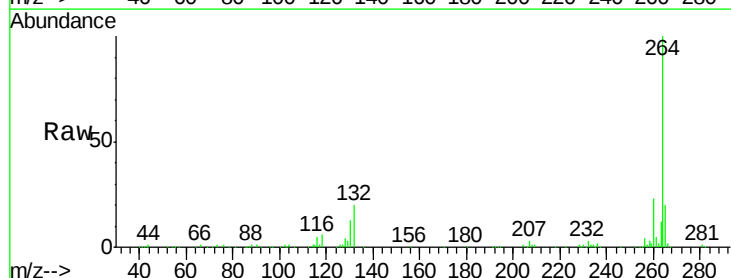
Tgt Ion:264 Resp: 207045

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.5 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

