

Data File : BF100484.D
Acq On : 12 Nov 2017 12:47
Operator : SJ/JU
Sample : I6402-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

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

Quant Time: Nov 13 06:18:22 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	144554	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	535723	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	221221	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	343514	20.00	ng	0.00
75) Chrysene-d12	14.06	240	292053	20.00	ng	0.00
86) Perylene-d12	15.54	264	207285	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	385631	42.76	ng	0.00
7) Phenol-d6	6.52	99	293412	26.39	ng	-0.01
23) Nitrobenzene-d5	7.47	82	903323	111.48	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	194724	86.38	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1508897	103.86	ng	0.00
78) Terphenyl-d14	13.01	244	1066682	83.92	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	120405	15.61	ng	# 81
25) Isophorone	7.47	82	900577	52.89	ng	# 64
47) 2-Nitroaniline	9.65	65	492	2.90	ng	# 1
49) Dimethylphthalate	9.65	163	54640	3.23	ng	100
50) 2,6-Dinitrotoluene	9.94	165	28570	8.55	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	28570	6.77	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	328	8.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11607	3.15	ng	# 1

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

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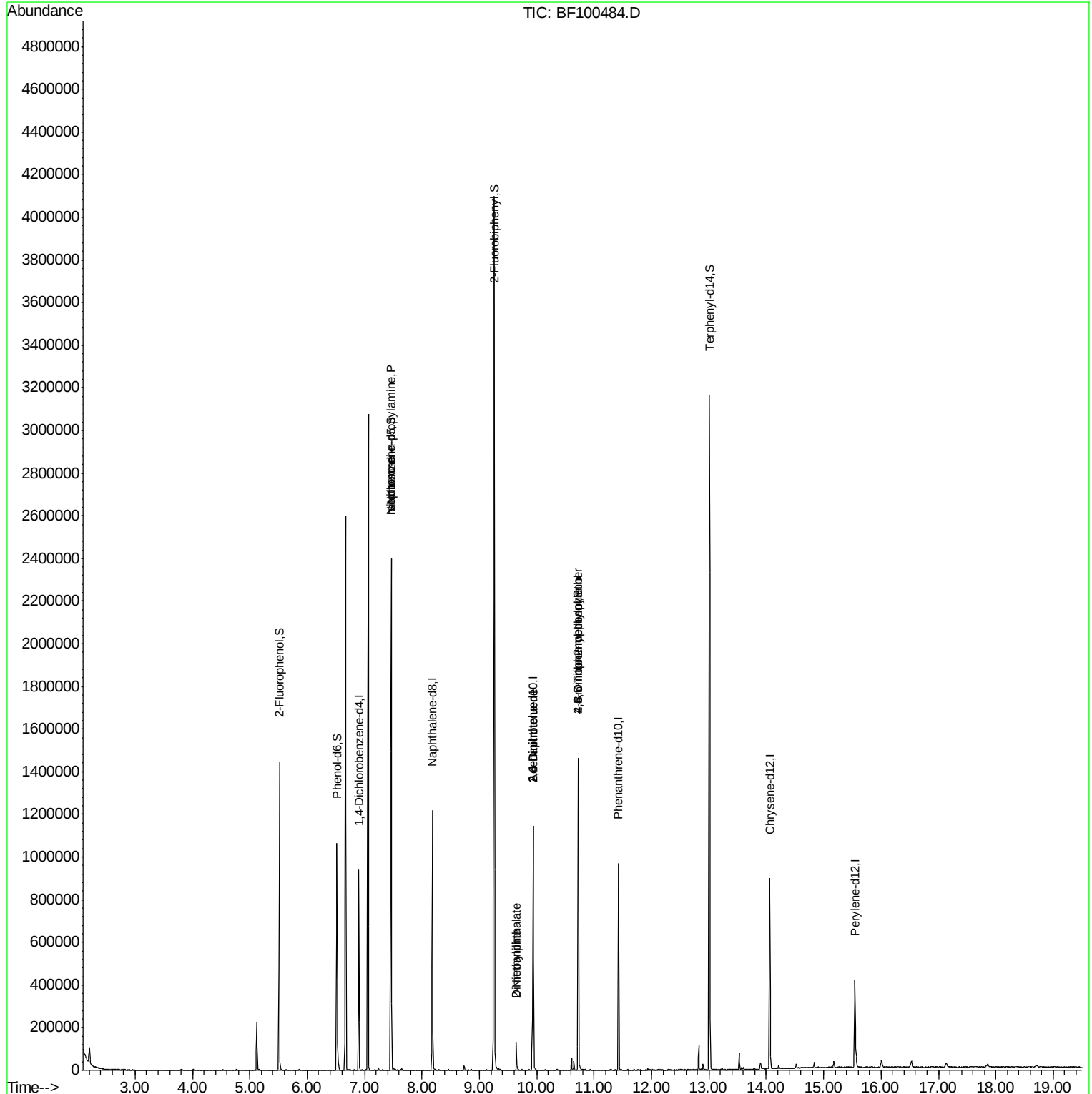
Quant Time: Nov 13 06:18:22 2017

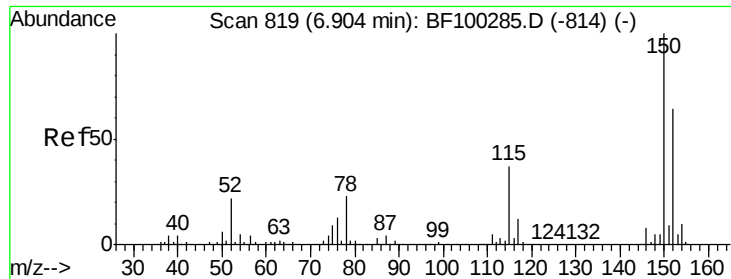
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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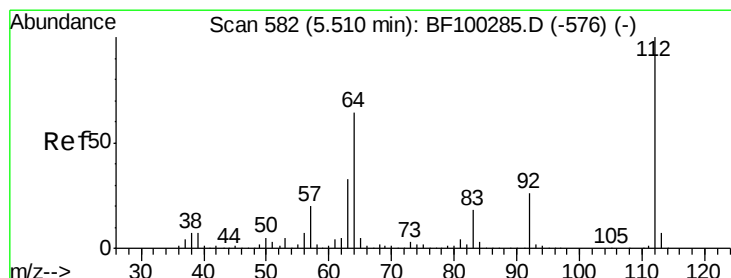
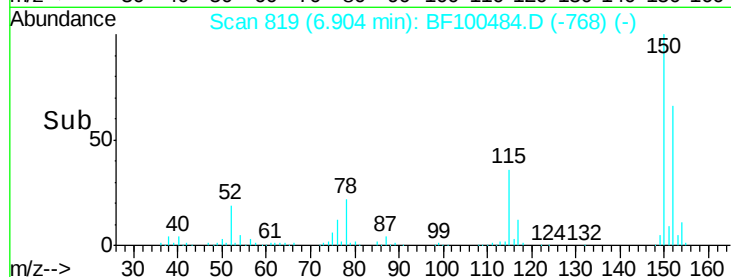
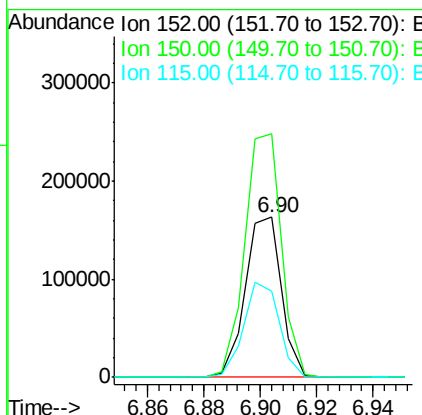
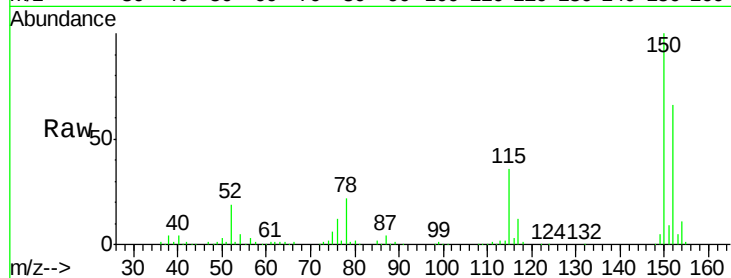




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100484.D
 Acq: 12 Nov 2017 12:47

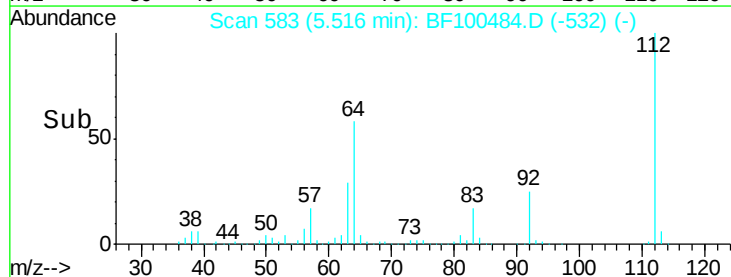
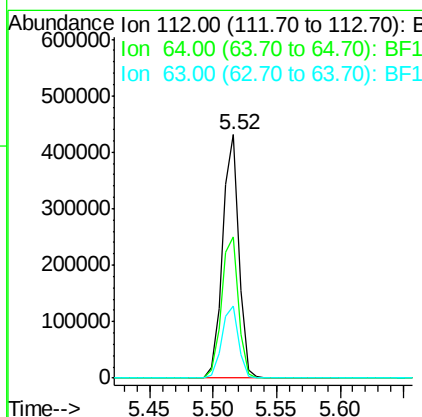
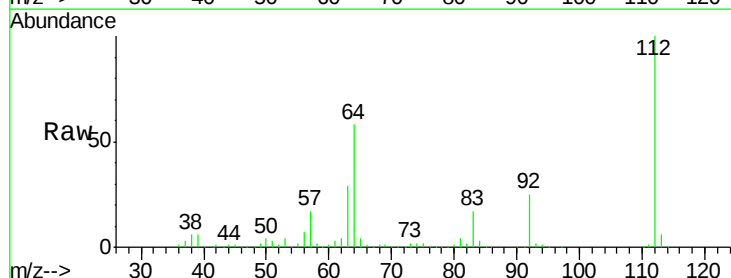
Instrument :
 BNA_F
 ClientSampleId :
 110717-JETT-E-D-B

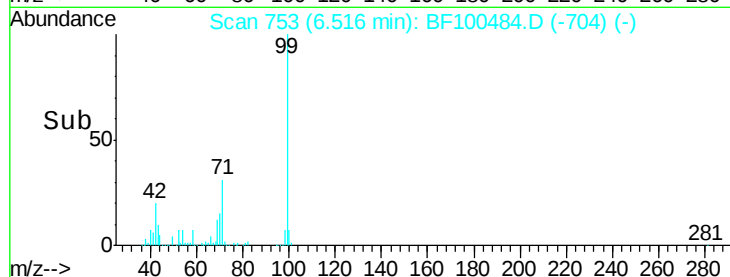
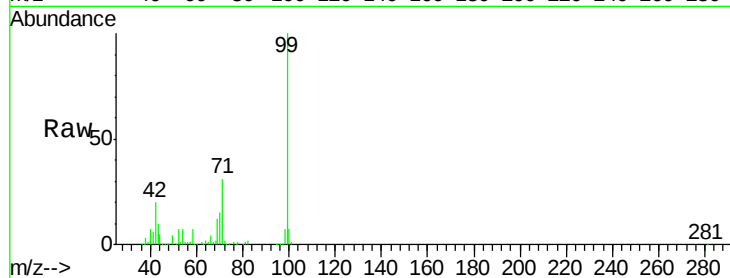
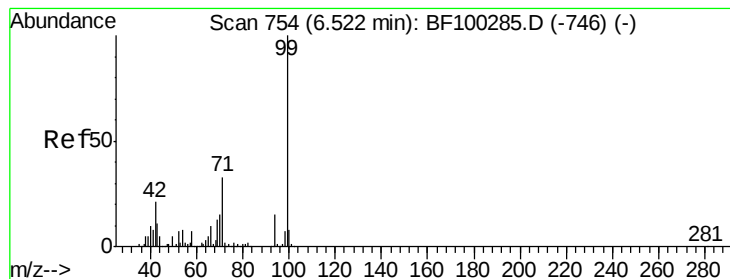
Tgt Ion:152 Resp: 144554
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.6 186.8
 115 54.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 42.76 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF100484.D
 Acq: 12 Nov 2017 12:47

Tgt Ion:112 Resp: 385631
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.9 71.9
 63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 26.39 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100484.D

Acq: 12 Nov 2017 12:47

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-D-B

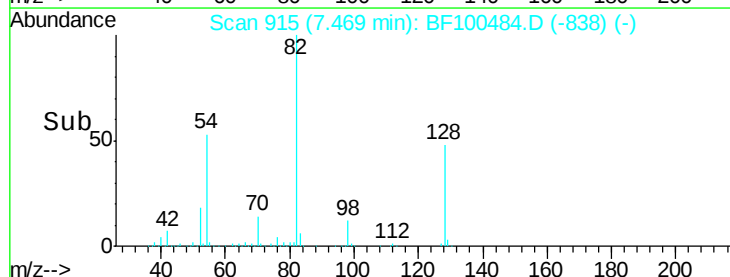
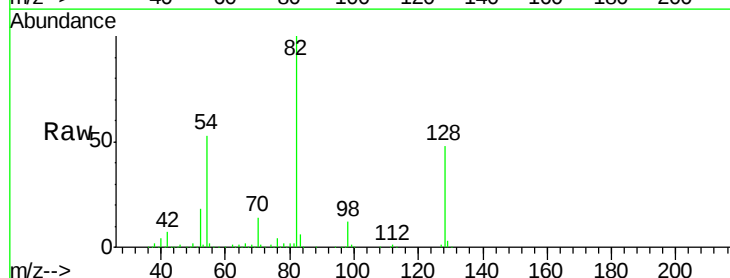
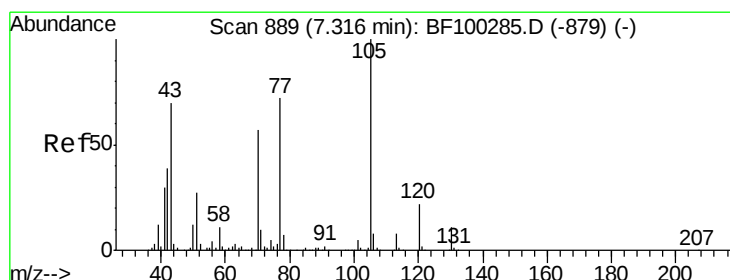
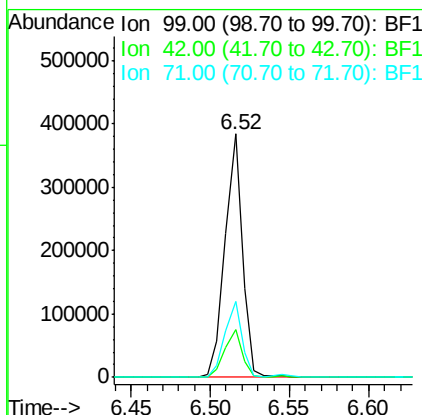
Tgt Ion: 99 Resp: 293412

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 31.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.61 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100484.D

Acq: 12 Nov 2017 12:47

Tgt Ion: 70 Resp: 120405

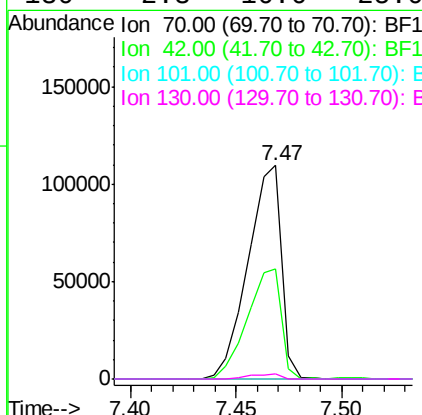
Ion Ratio Lower Upper

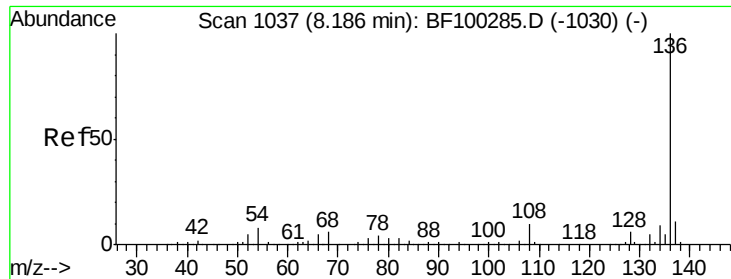
70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

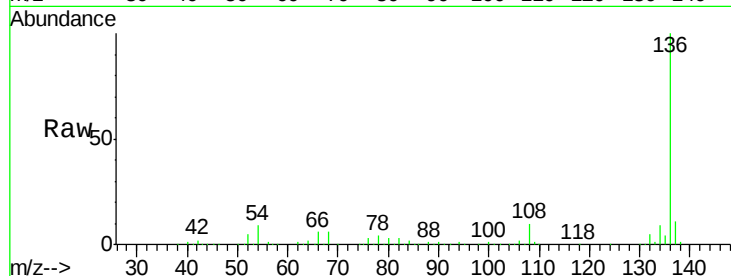




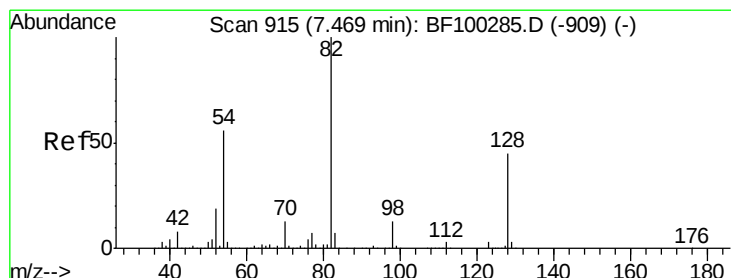
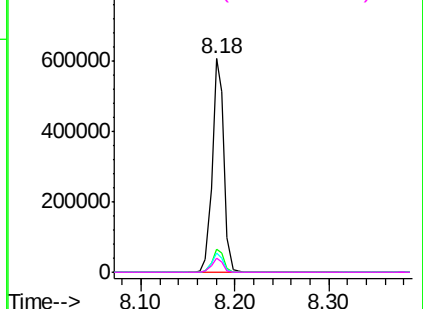
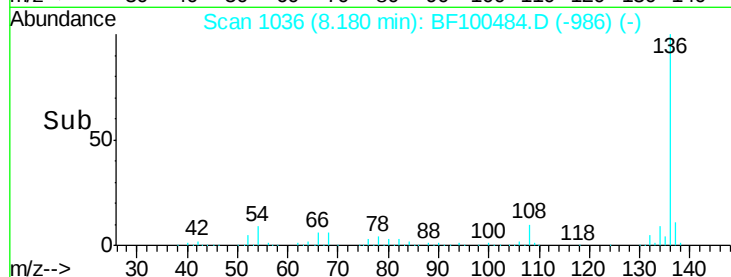
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

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

Tgt Ion:	136	Resp:	535723
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4

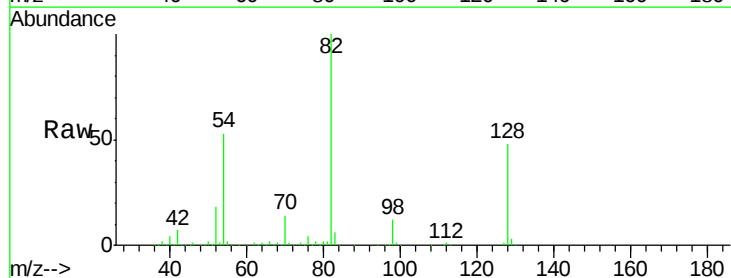


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

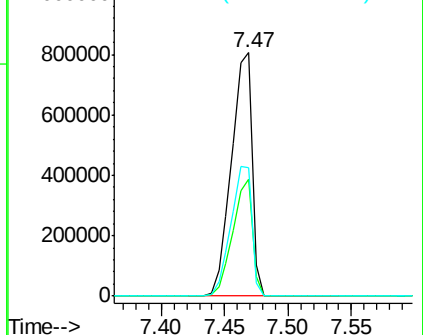
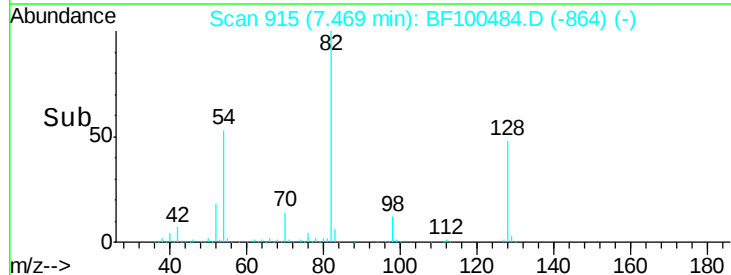


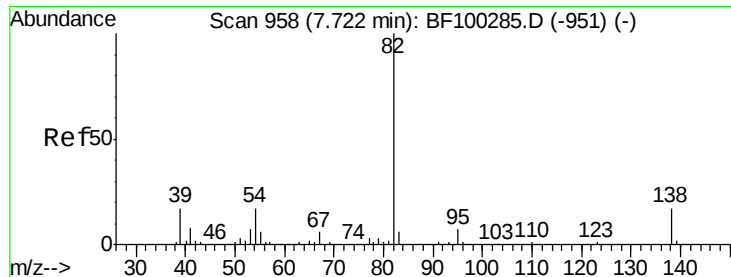
#23
Nitrobenzene-d5
Concen: 111.48 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

Tgt Ion:	82	Resp:	903323
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	52.9	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: 52.89 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100484.D

Acq: 12 Nov 2017 12:47

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-D-B

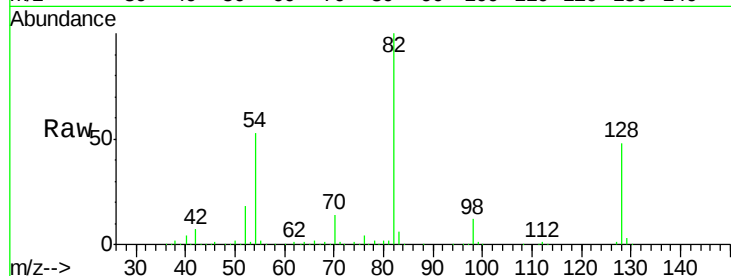
Tgt Ion: 82 Resp: 900577

Ion Ratio Lower Upper

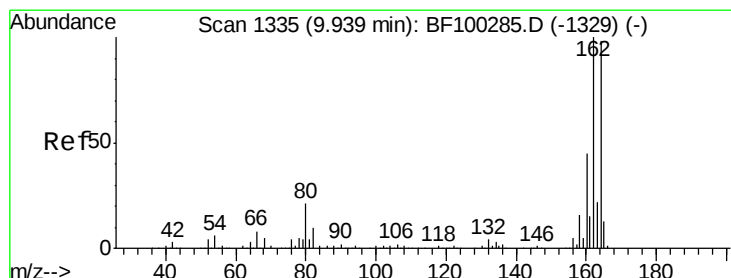
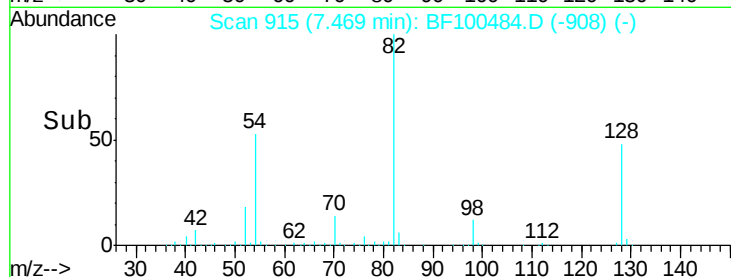
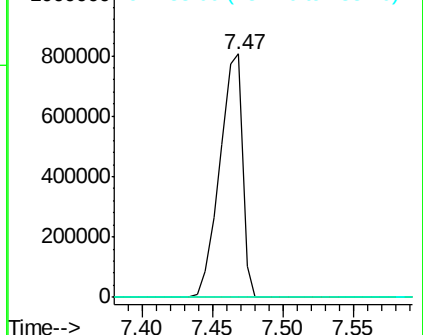
82 100

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: BF100484.D

Acq: 12 Nov 2017 12:47

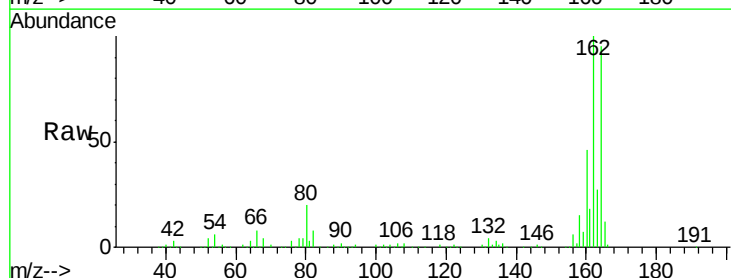
Tgt Ion: 164 Resp: 221221

Ion Ratio Lower Upper

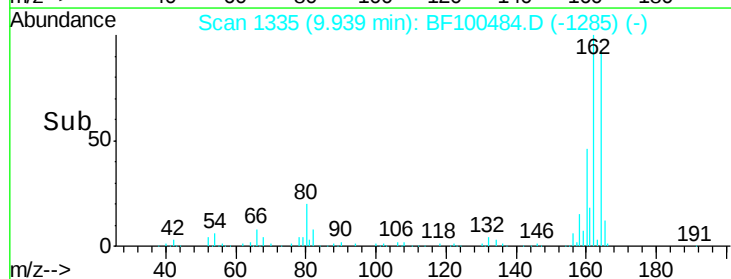
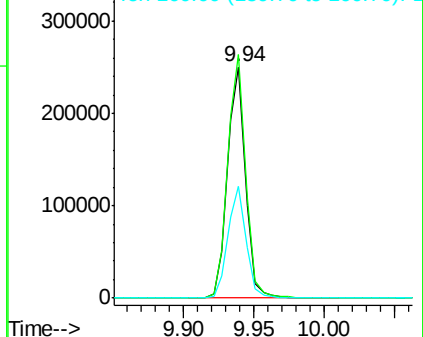
164 100

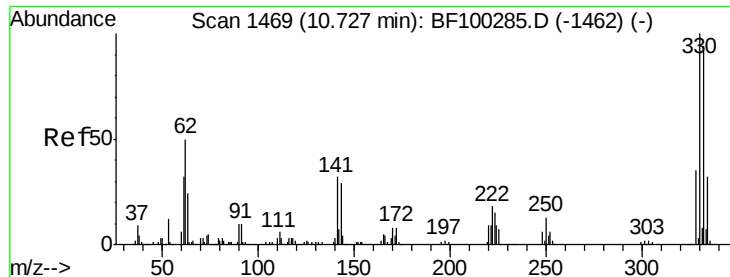
162 105.2 86.1 129.1

160 48.4 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

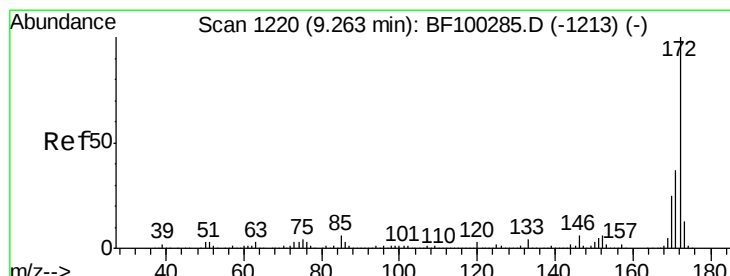
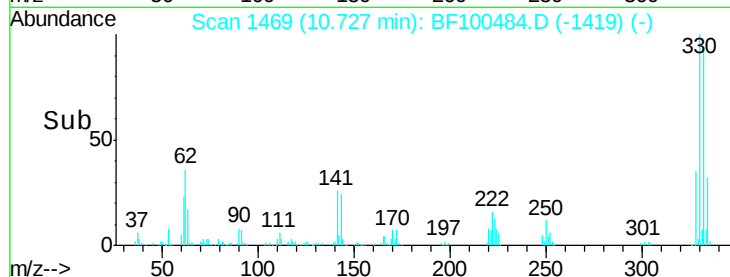
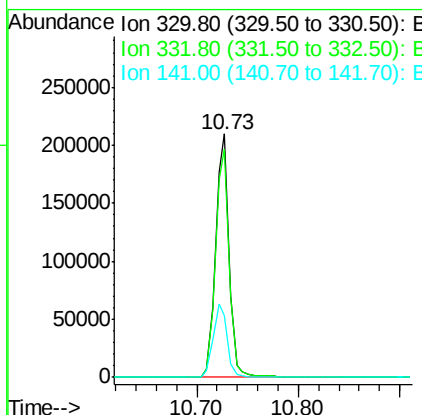
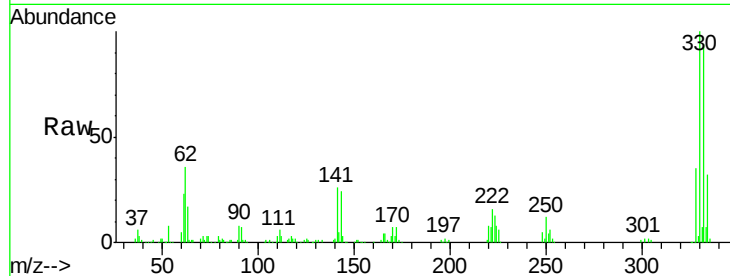




#41
 2,4,6-Tribromophenol
 Concen: 86.38 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100484.D
 Acq: 12 Nov 2017 12:47

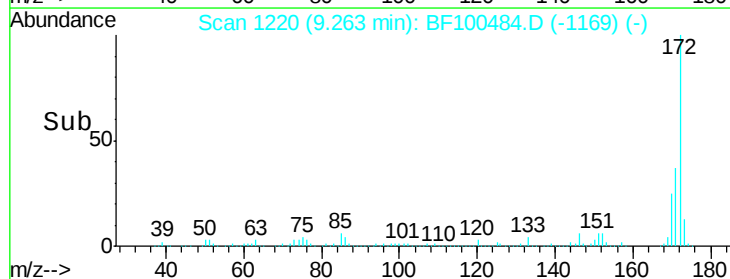
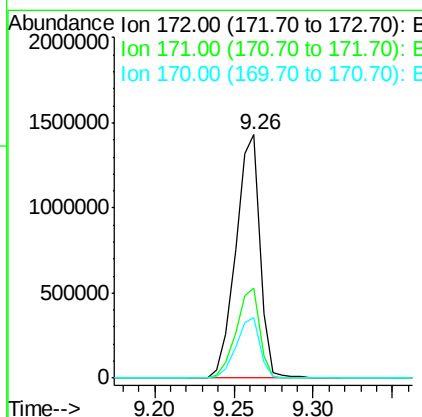
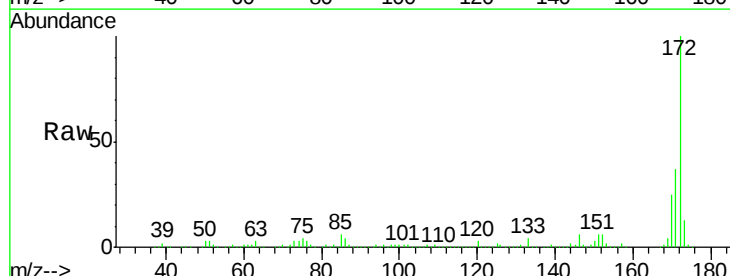
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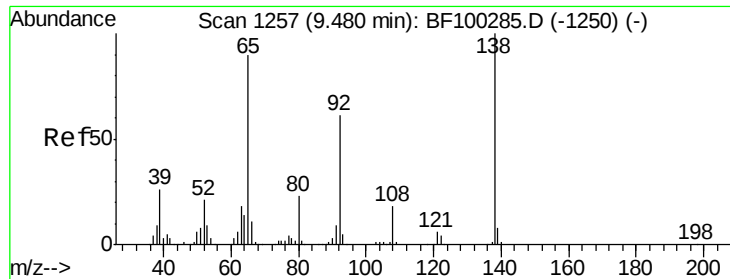
Tgt Ion:330 Resp: 194724
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 31.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 103.86 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100484.D
 Acq: 12 Nov 2017 12:47

Tgt Ion:172 Resp: 1508897
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.8 19.6 29.4

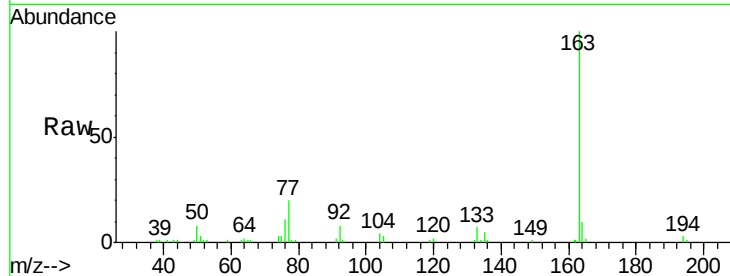




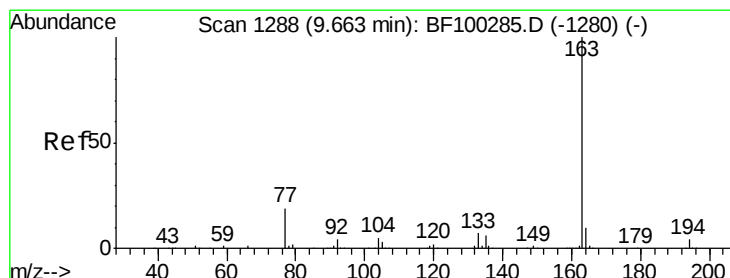
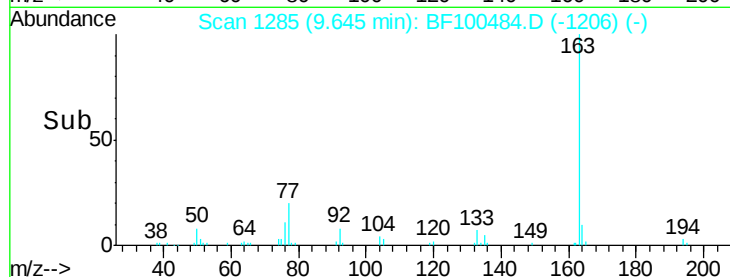
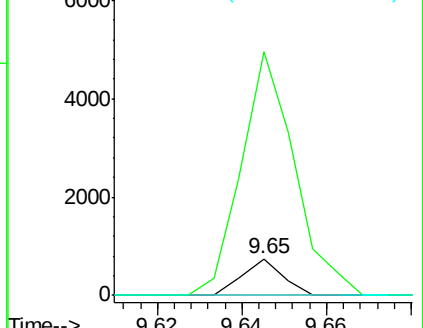
#47
2-Nitroaniline
Concen: 2.90 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

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

Tgt Ion: 65 Resp: 492
Ion Ratio Lower Upper
65 100
92 668.8 55.8 83.6#
138 0.0 91.2 136.8#

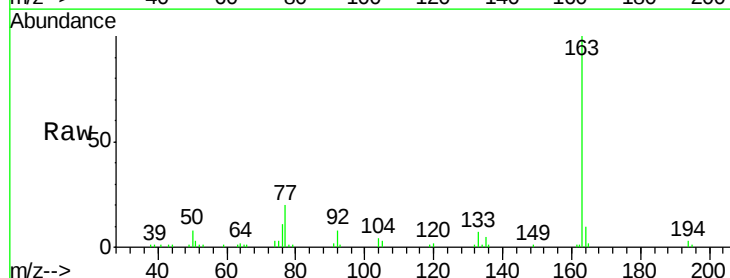


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

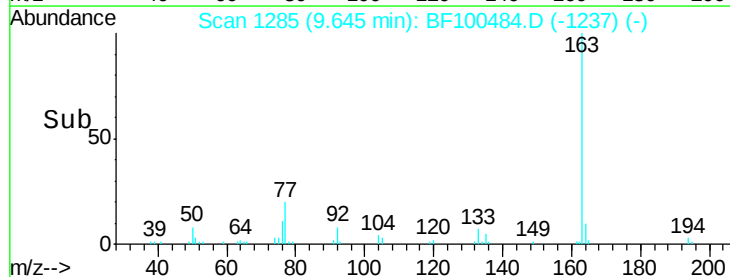
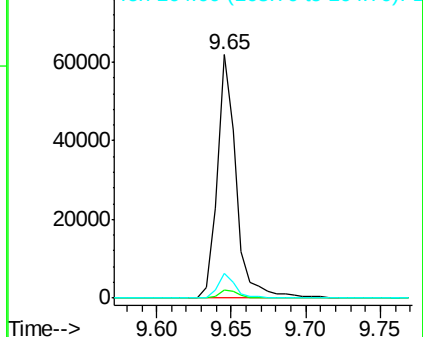


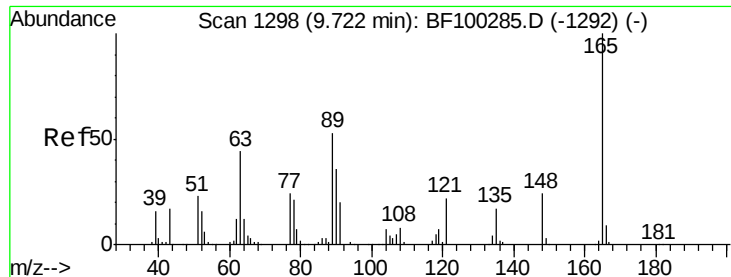
#49
Dimethylphthalate
Concen: 3.23 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

Tgt Ion: 163 Resp: 54640
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 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

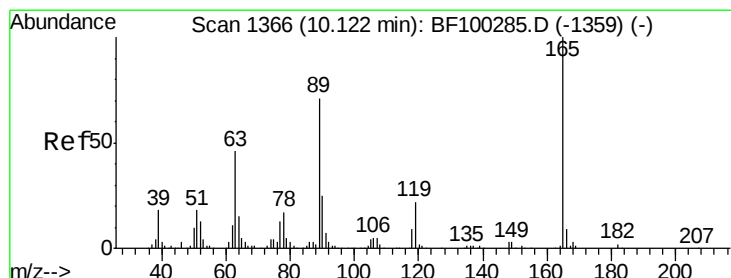
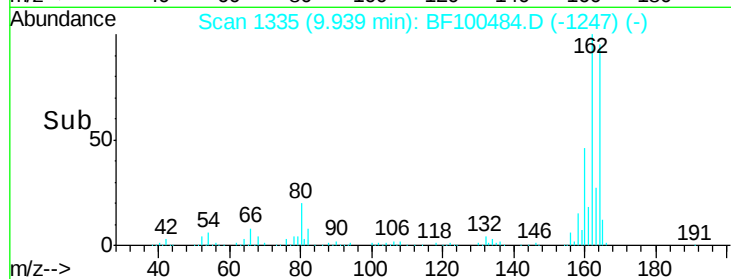
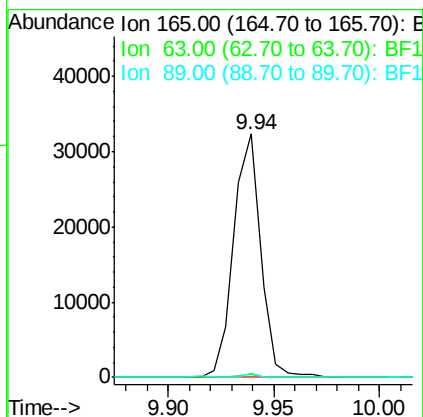
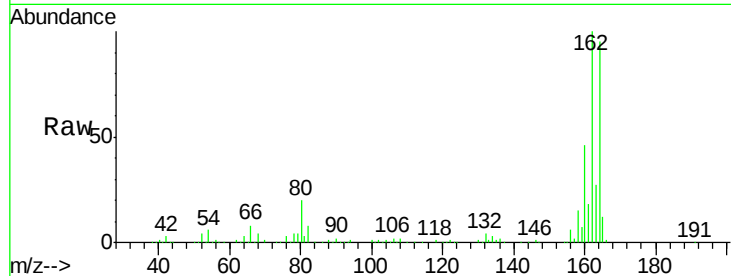




#50
 2,6-Dinitrotoluene
 Concen: 8.55 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100484.D
 Acq: 12 Nov 2017 12:47

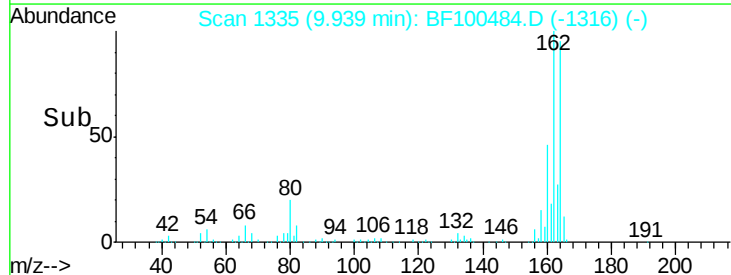
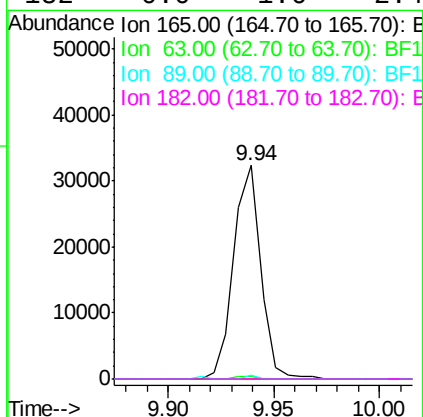
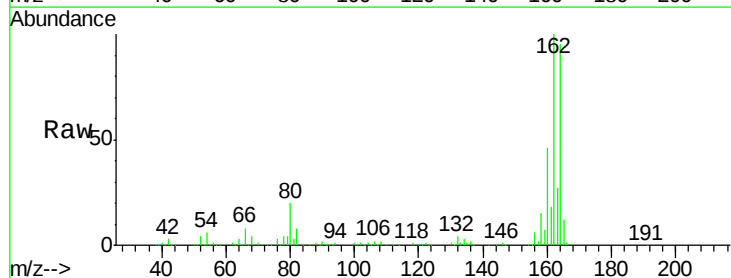
Instrument :
 BNA_F
 ClientSampleId :
 110717-JETT-E-D-B

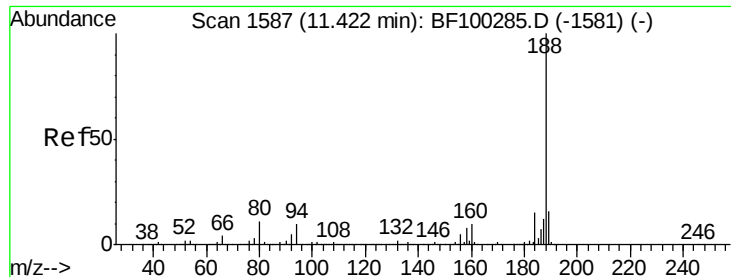
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100484.D
 Acq: 12 Nov 2017 12:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

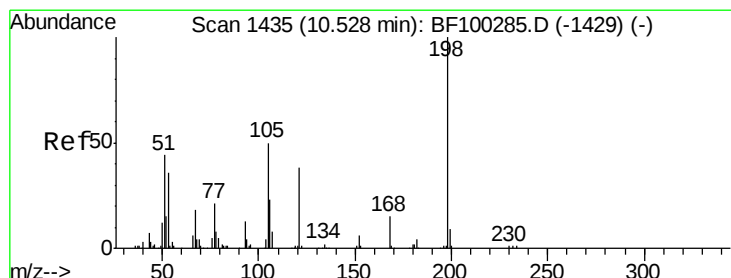
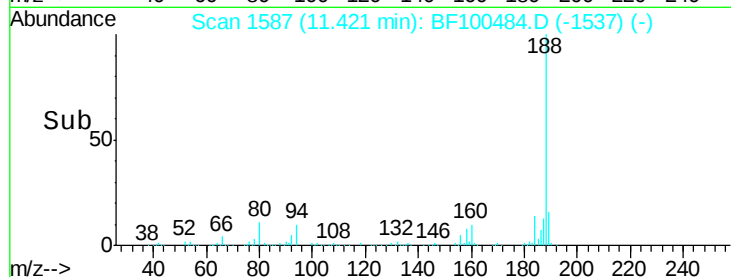
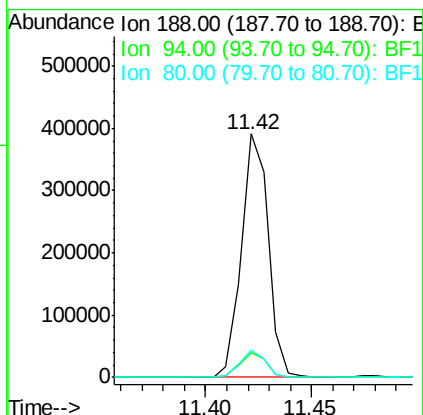
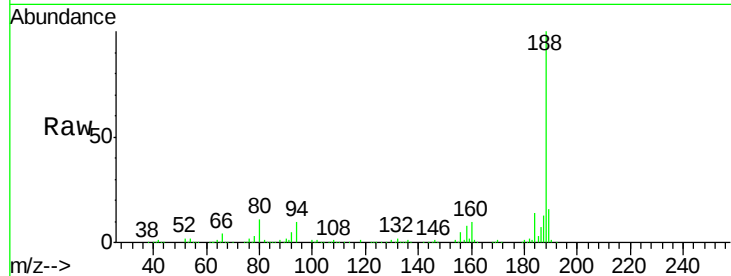




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

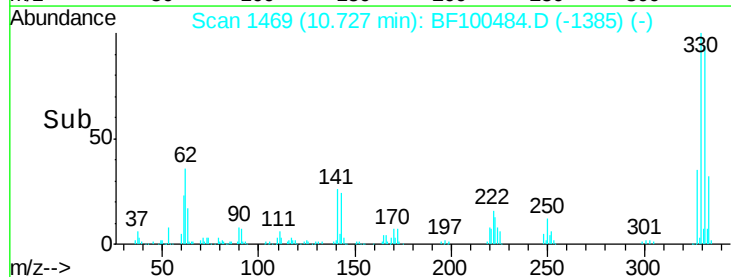
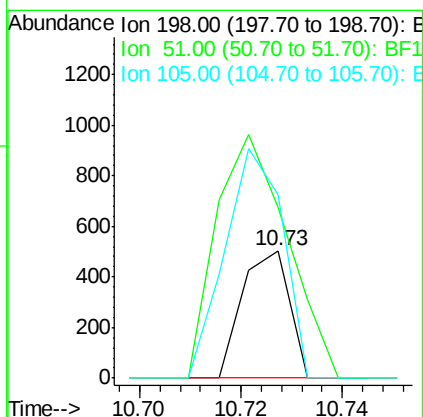
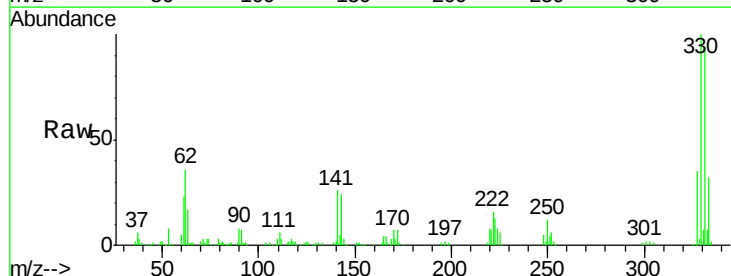
Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-B

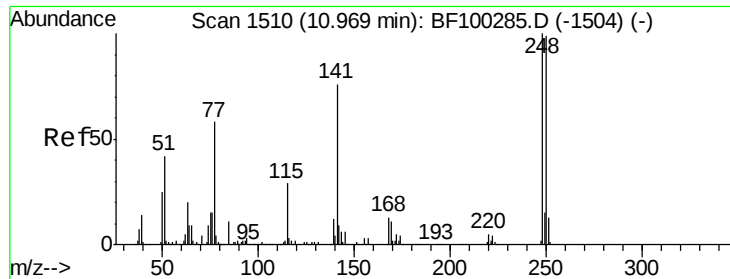
Tgt Ion:188 Resp: 343514
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.73 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

Tgt Ion:198 Resp: 328
Ion Ratio Lower Upper
198 100
51 133.8 37.7 77.7#
105 144.5 36.3 76.3#

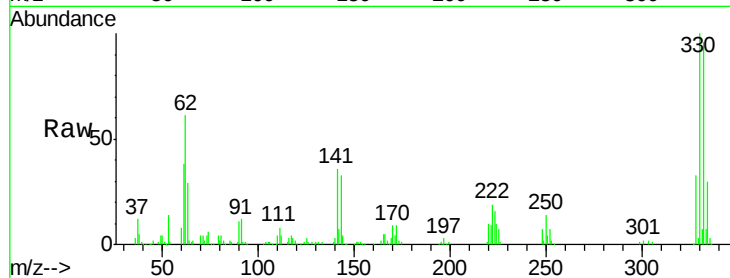




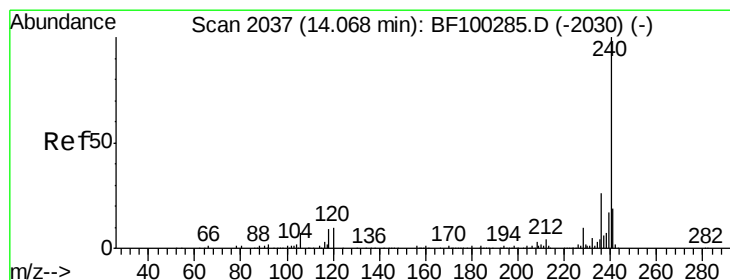
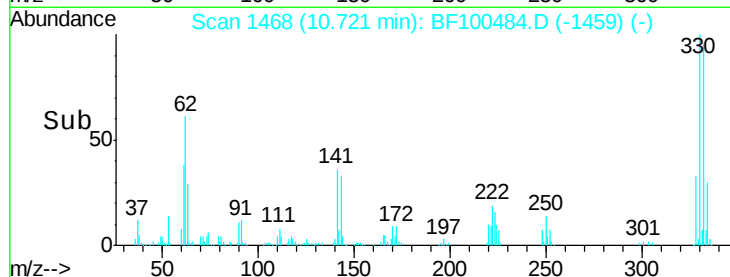
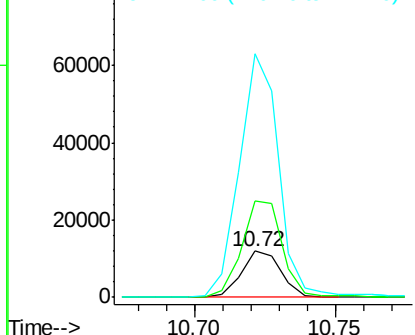
#66
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

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

Tgt Ion:248 Resp: 11607
Ion Ratio Lower Upper
248 100
250 208.4 76.9 115.3#
141 524.3 74.4 111.6#

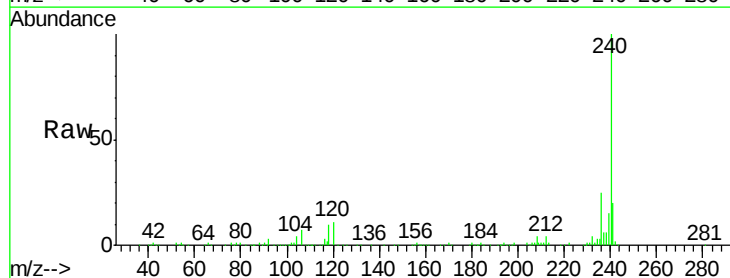


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

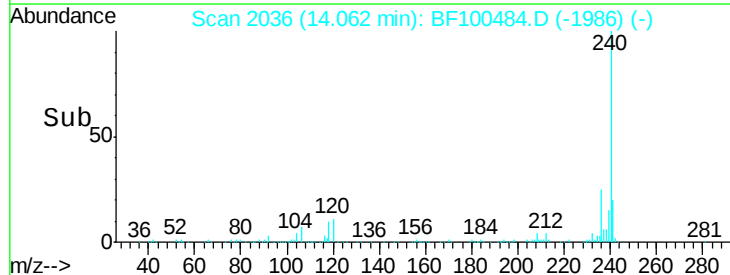
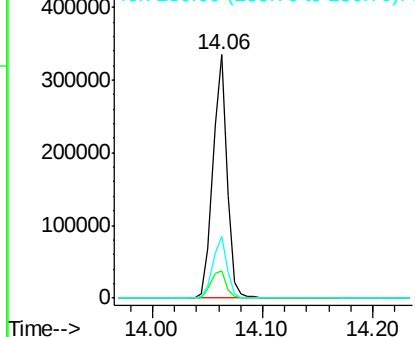


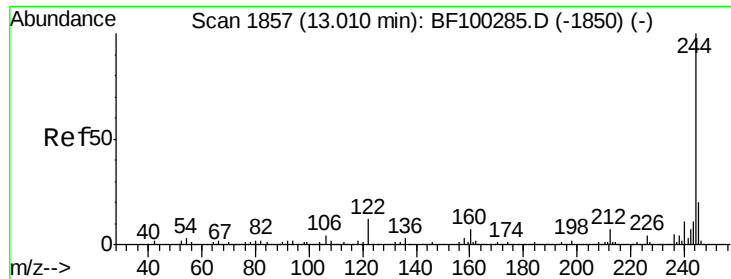
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100484.D
Acq: 12 Nov 2017 12:47

Tgt Ion:240 Resp: 292053
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.5 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: 83.92 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100484.D

Acq: 12 Nov 2017 12:47

Instrument :

BNA_F

ClientSampleId :

110717-JETT-E-D-B

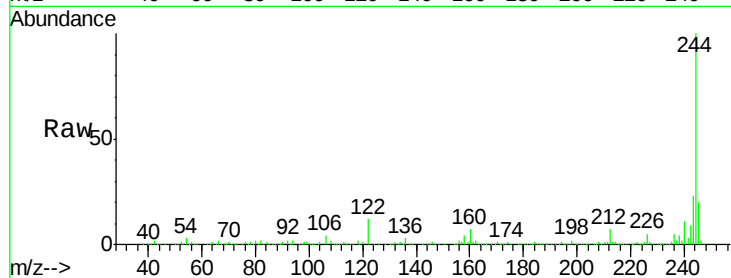
Tgt Ion:244 Resp: 1066682

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

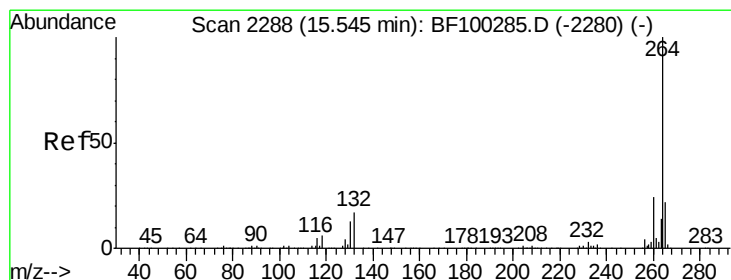
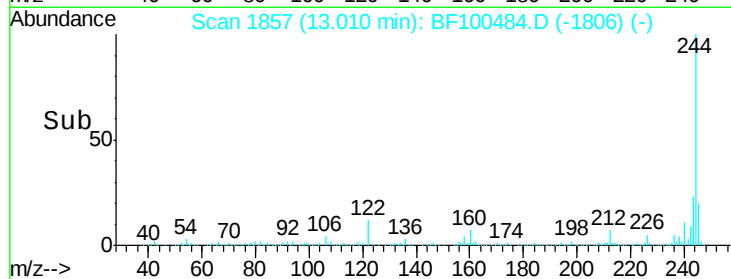
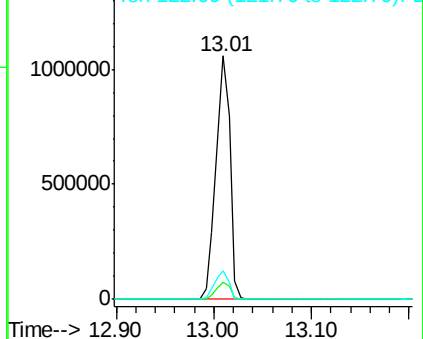
122 11.7 11.0 16.4



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: BF100484.D

Acq: 12 Nov 2017 12:47

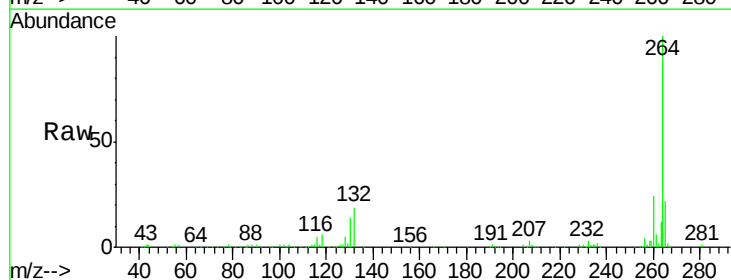
Tgt Ion:264 Resp: 207285

Ion Ratio Lower Upper

264 100

260 24.3 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

