

Data File : BF100471.D
Acq On : 12 Nov 2017 6:09
Operator : SJ/JU
Sample : PB104195BL
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104195BL

Quant Time: Nov 13 04:45:48 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	140516	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	520892	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	217305	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	336937	20.00	ng	0.00
75) Chrysene-d12	14.06	240	269561	20.00	ng	0.00
86) Perylene-d12	15.54	264	199802	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	661206	75.43	ng	0.01
7) Phenol-d6	6.52	99	809677	74.90	ng	0.00
23) Nitrobenzene-d5	7.46	82	700398	88.90	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	119718	54.06	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	123992	86.89	ng	0.00
78) Terphenyl-d14	13.01	244	829210	70.68	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	94234	12.57	ng	# 81
25) Isophorone	7.46	82	698217	42.17	ng	# 64
47) 2-Nitroaniline	9.26	65	1802	3.21	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	27474	8.37	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	27474	6.63	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	125	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	7413	2.05	ng	# 1

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

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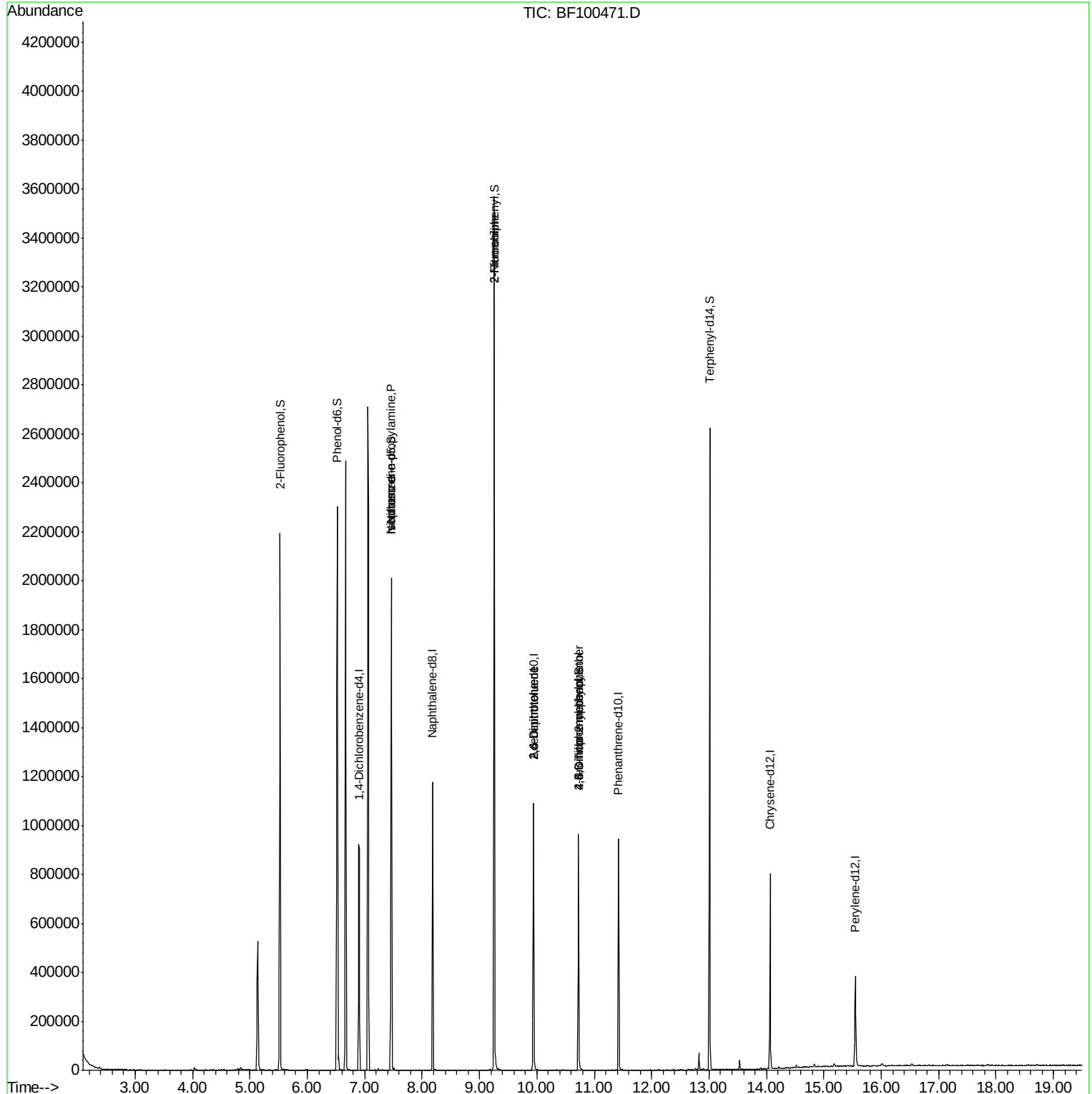
Quant Time: Nov 13 04:45:48 2017

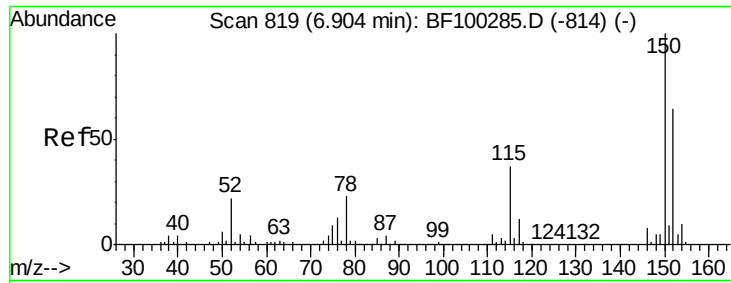
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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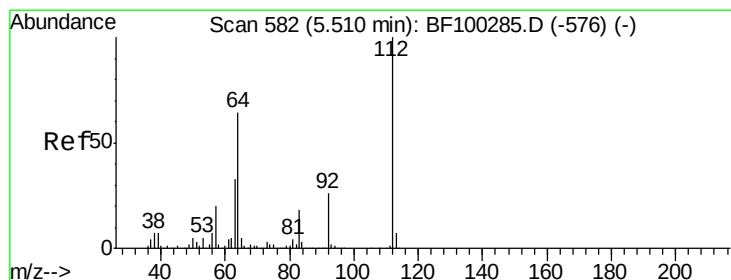
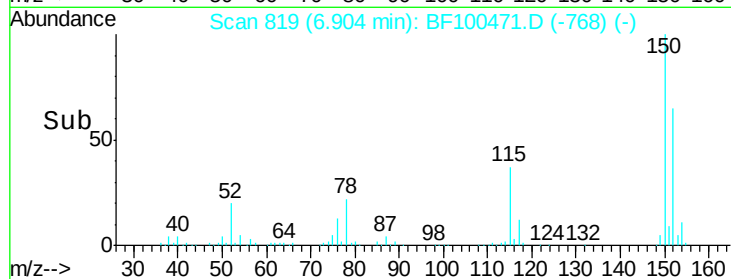
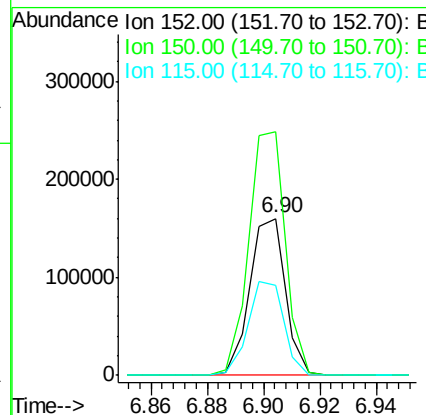
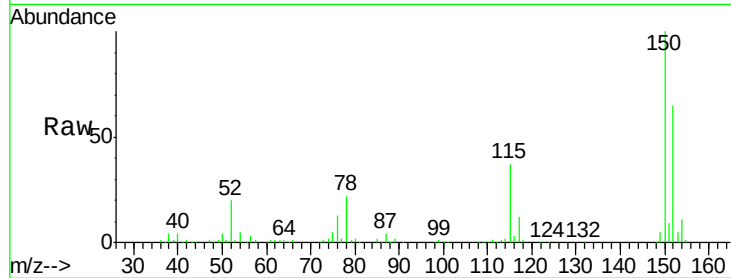


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100471.D
Acq: 12 Nov 2017 6:09

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PB104195BL

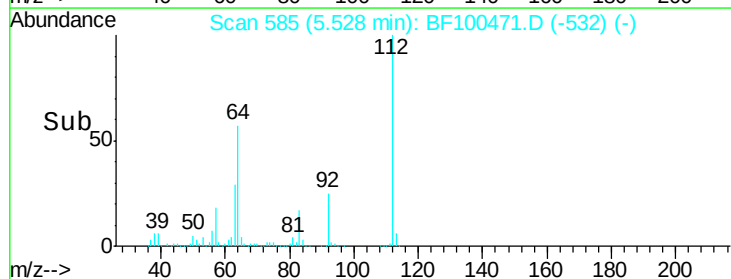
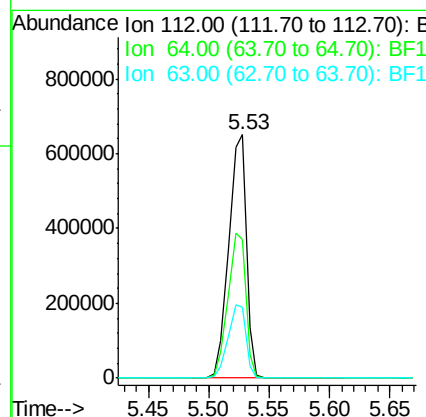
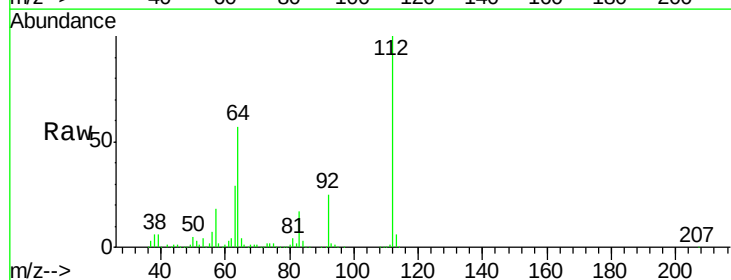
Tgt Ion:152 Resp: 140516
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 57.2 50.1 75.1

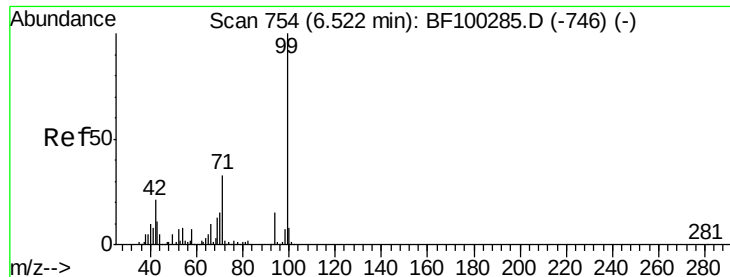


#5

2-Fluorophenol
Concen: 75.43 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100471.D
Acq: 12 Nov 2017 6:09

Tgt Ion:112 Resp: 661206
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 74.90 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100471.D

Acq: 12 Nov 2017 6:09

Instrument :

BNA_F

ClientSampleId :

PB104195BL

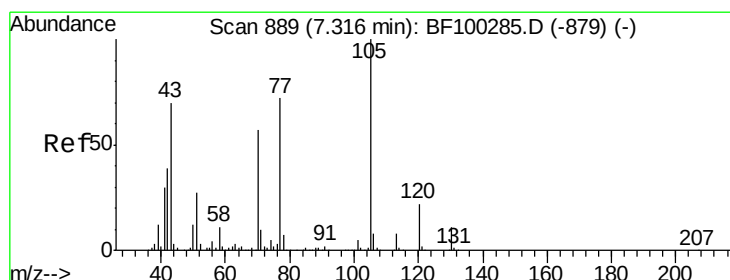
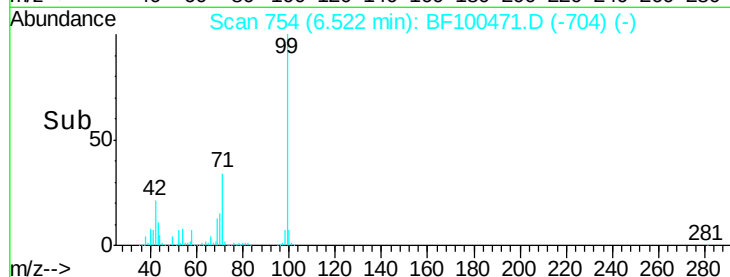
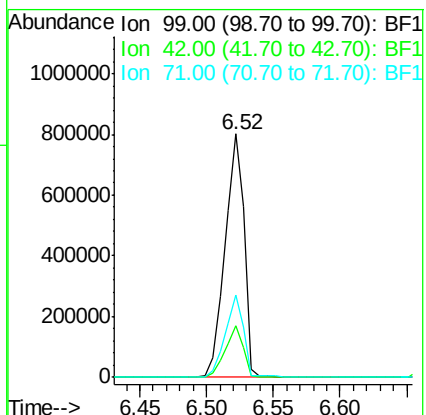
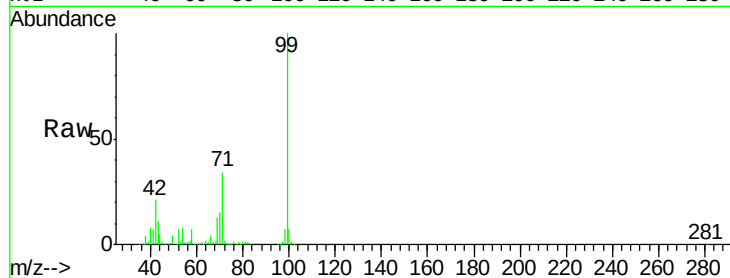
Tgt Ion: 99 Resp: 809677

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.57 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100471.D

Acq: 12 Nov 2017 6:09

Tgt Ion: 70 Resp: 94234

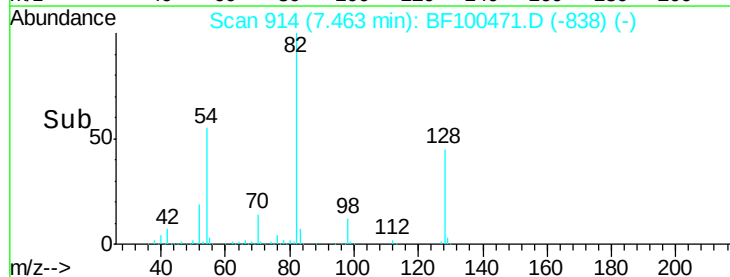
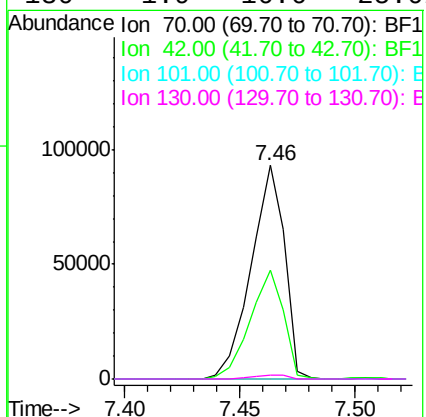
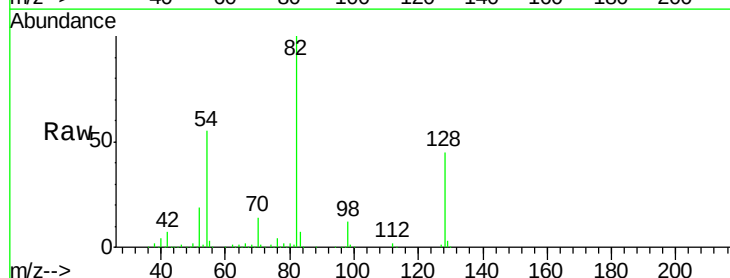
Ion Ratio Lower Upper

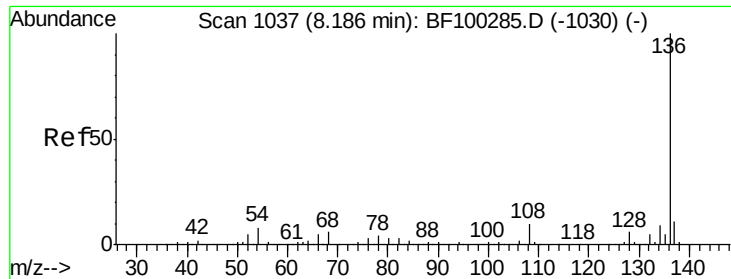
70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

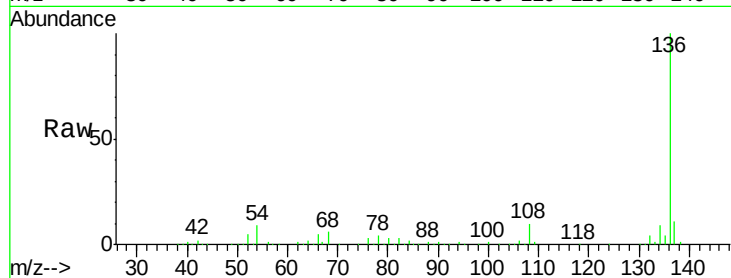




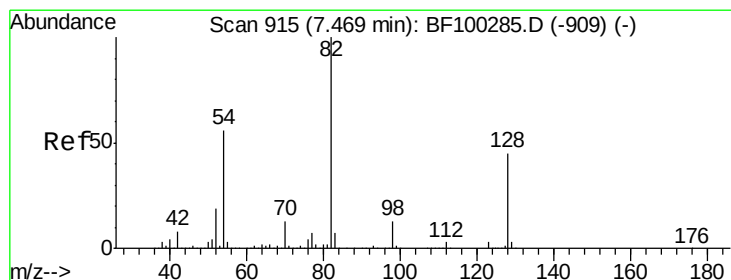
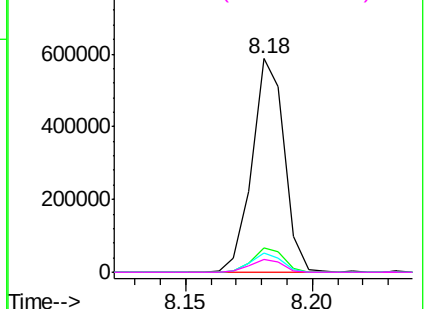
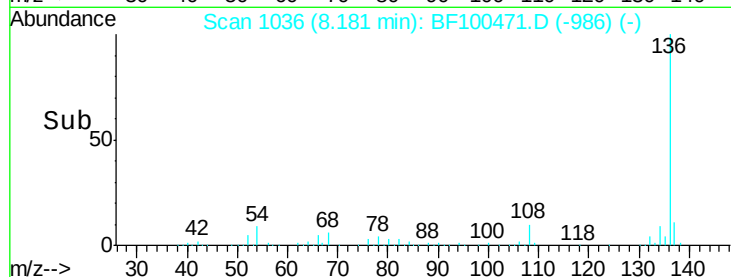
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100471.D
Acq: 12 Nov 2017 6:09

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	520892
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	6.3	5.0	7.4

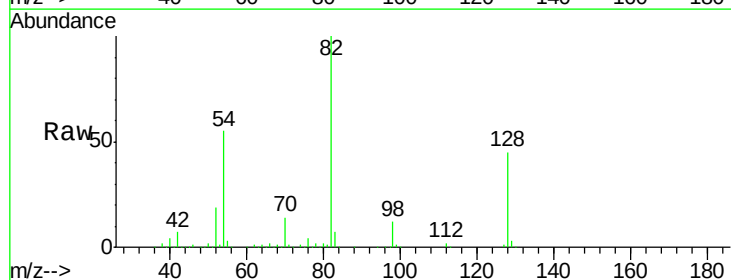


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

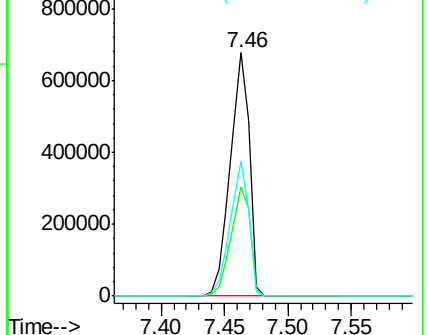
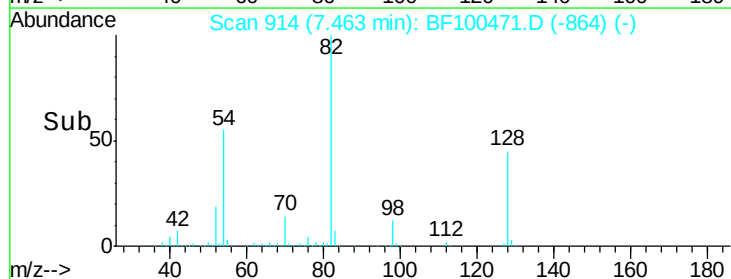


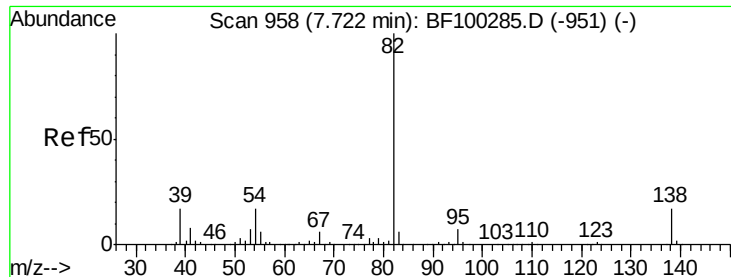
#23
Nitrobenzene-d5
Concen: 88.90 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100471.D
Acq: 12 Nov 2017 6:09

Tgt Ion:	82	Resp:	700398
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	55.5	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

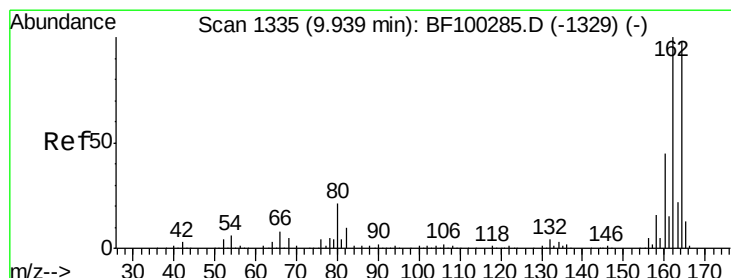
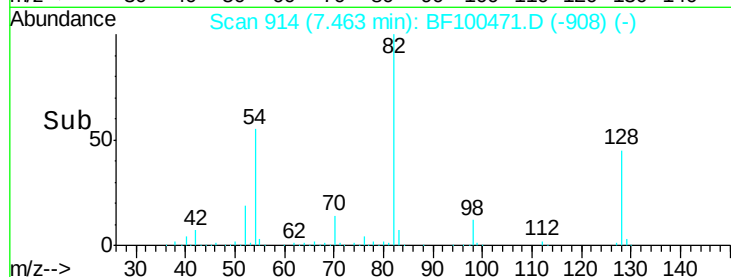
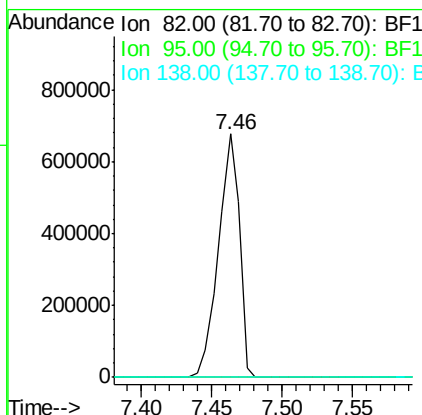
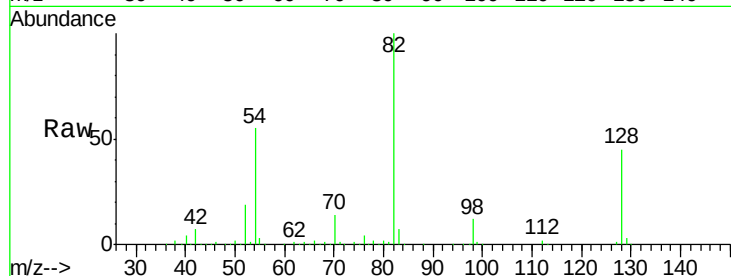




#25
Isophorone
Concen: 42.17 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100471.D
Acq: 12 Nov 2017 6:09

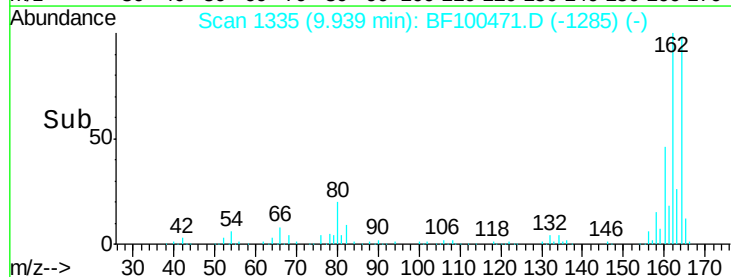
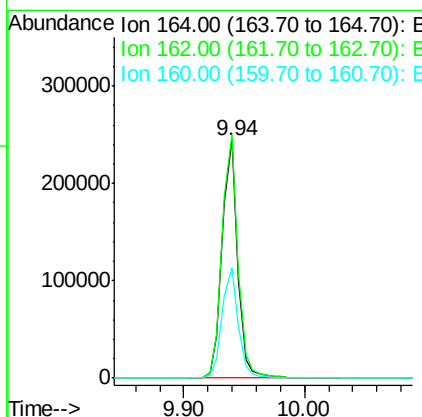
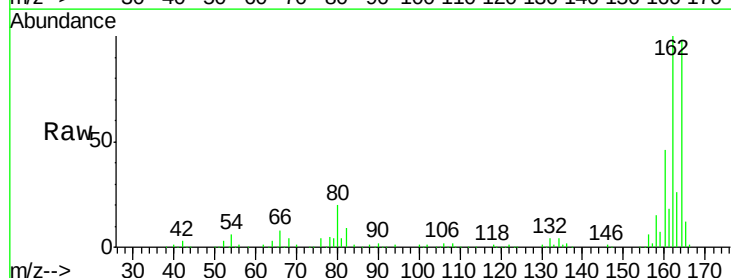
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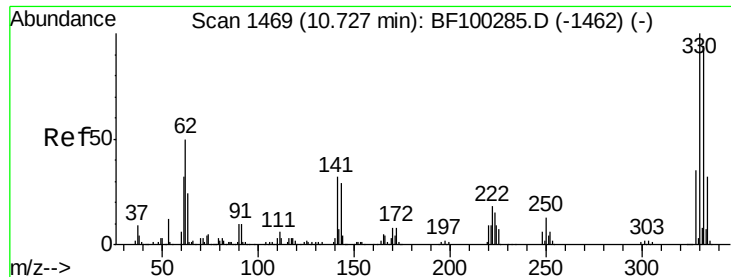
Tgt Ion: 82 Resp: 698217
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100471.D
Acq: 12 Nov 2017 6:09

Tgt Ion: 164 Resp: 217305
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 46.7 38.3 57.5

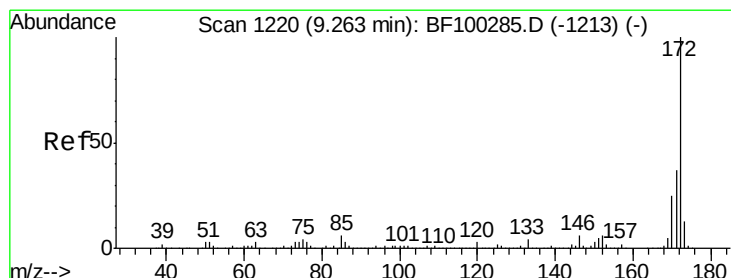
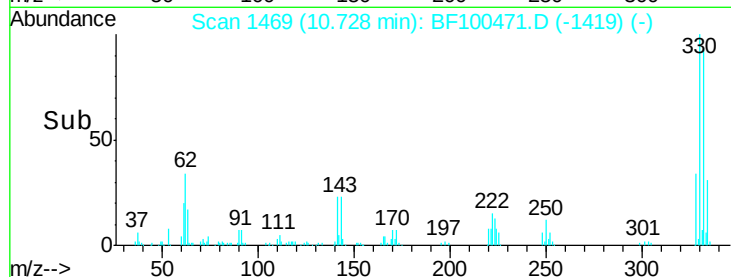
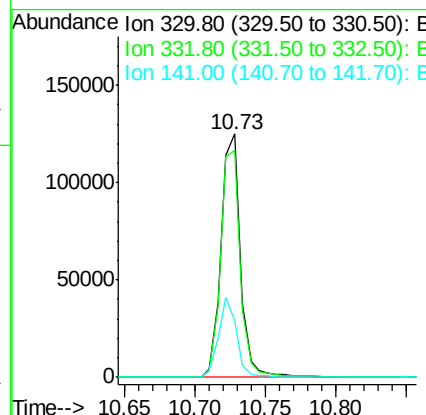
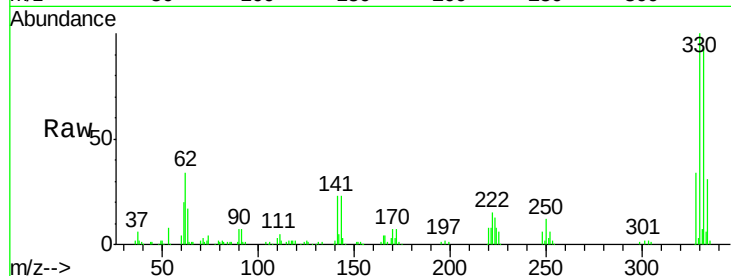




#41
 2,4,6-Tribromophenol
 Concen: 54.06 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

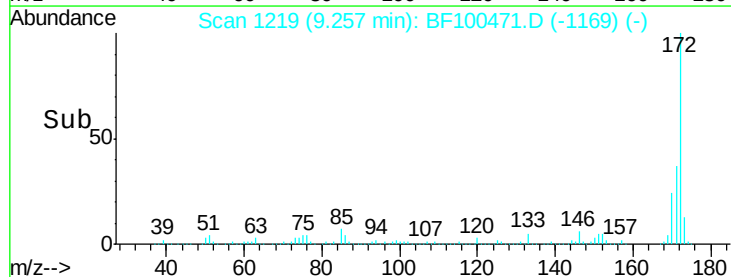
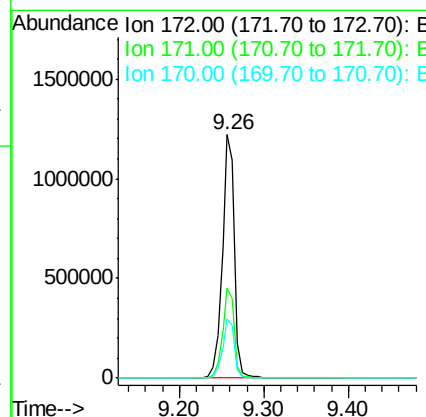
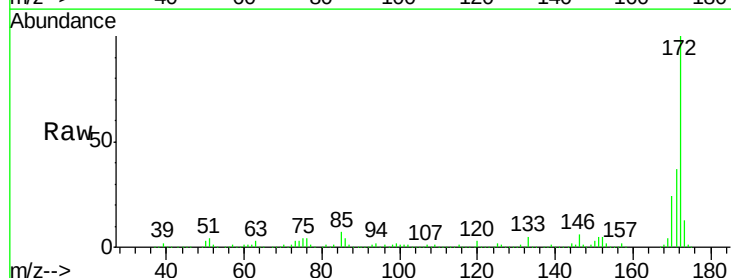
Instrument :
 BNA_F
 ClientSampleId :
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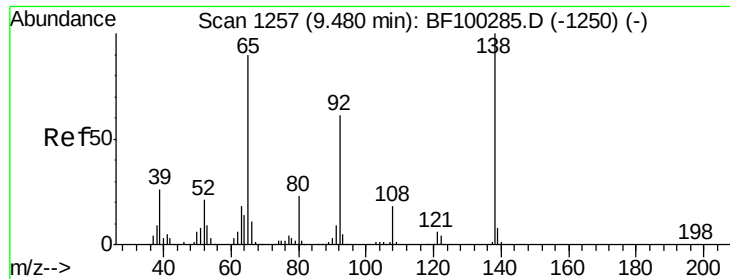
Tgt Ion:330 Resp: 119718
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 30.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.89 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

Tgt Ion:172 Resp: 1239992
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.3 19.6 29.4

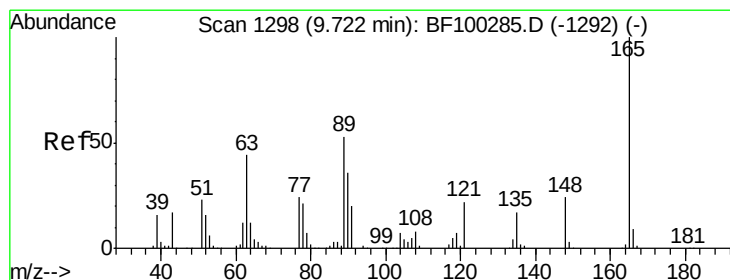
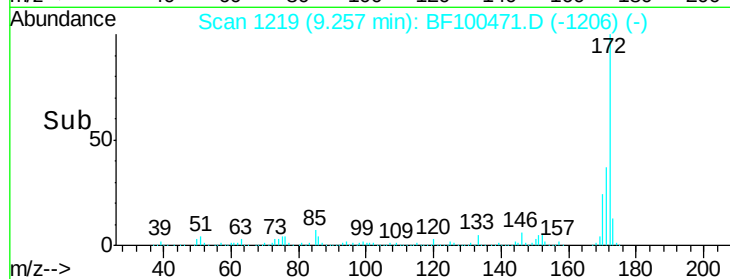
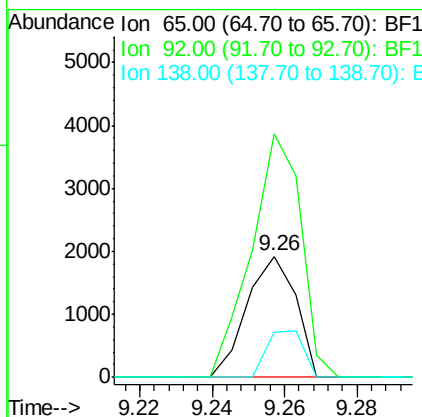
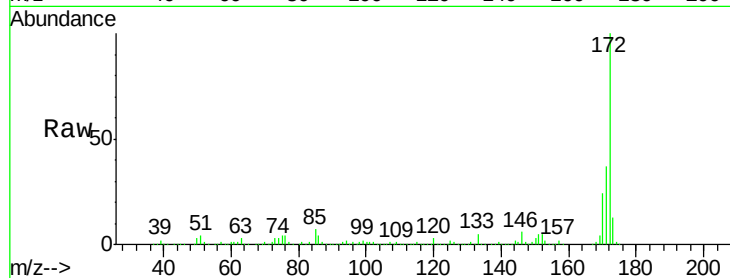




#47
 2-Nitroaniline
 Concen: 3.21 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.22 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

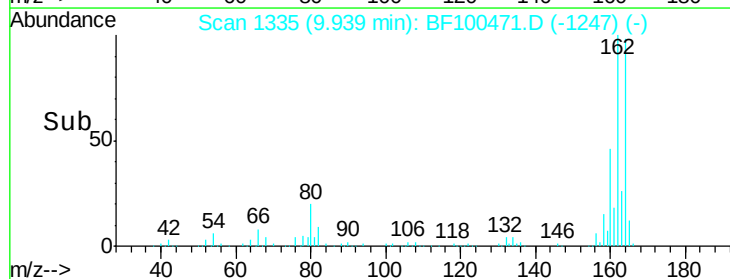
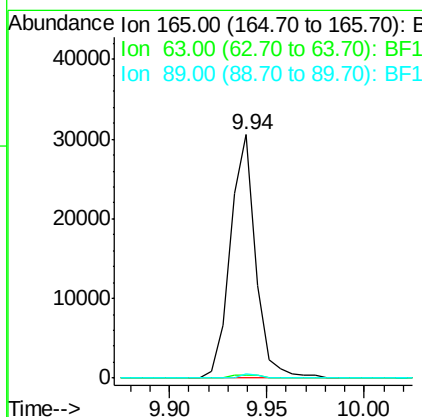
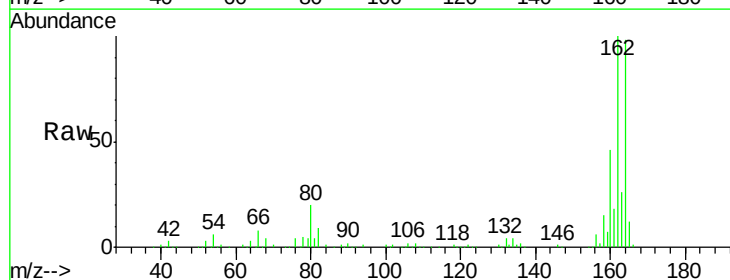
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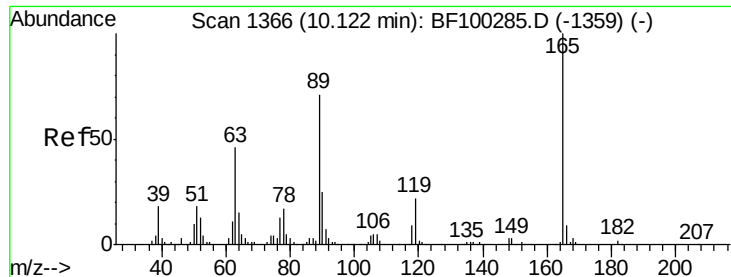
Tgt Ion: 65 Resp: 1802
 Ion Ratio Lower Upper
 65 100
 92 201.3 55.8 83.6#
 138 37.4 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

Tgt Ion: 165 Resp: 27474
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 2.0 44.0 66.0#

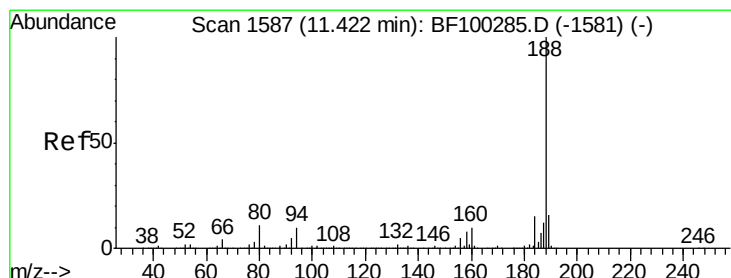
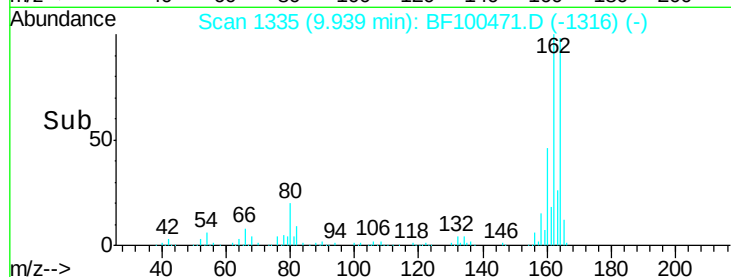
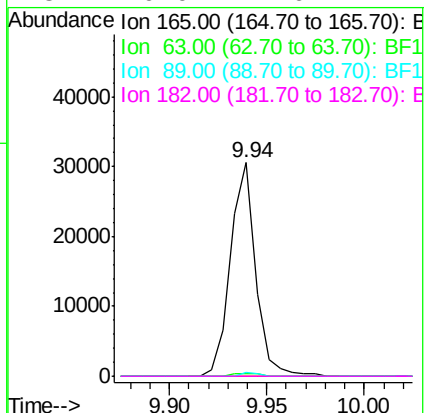
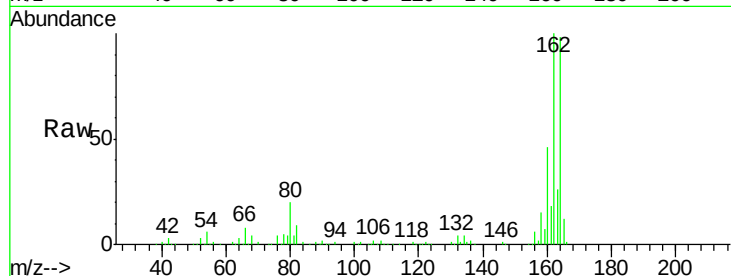




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

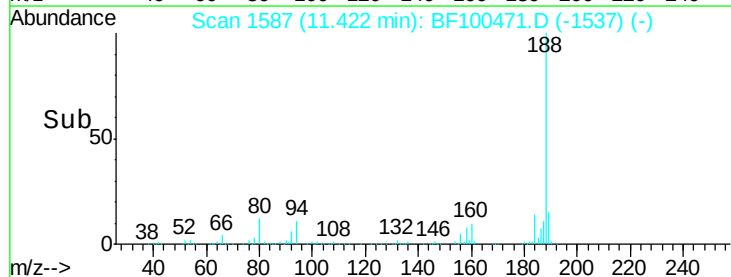
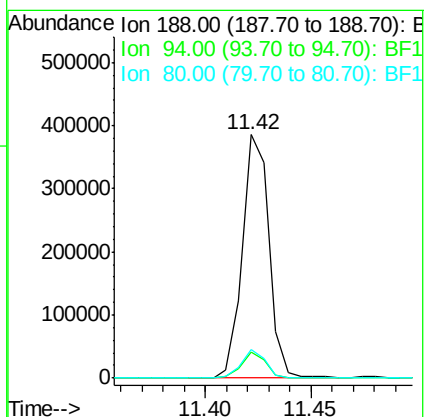
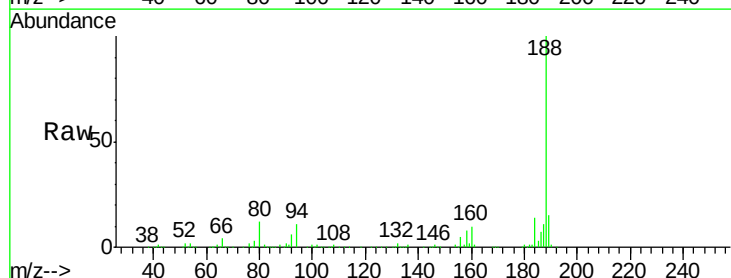
Instrument :
 BNA_F
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 PB104195BL

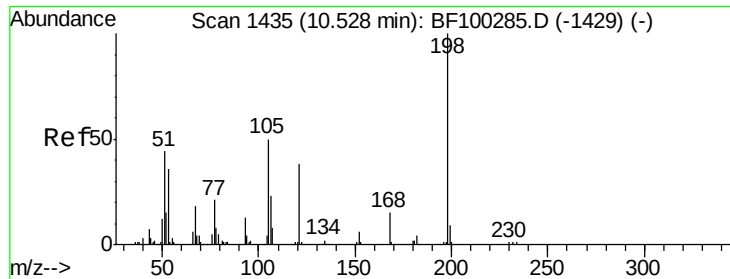
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100471.D
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.7	9.2	13.8

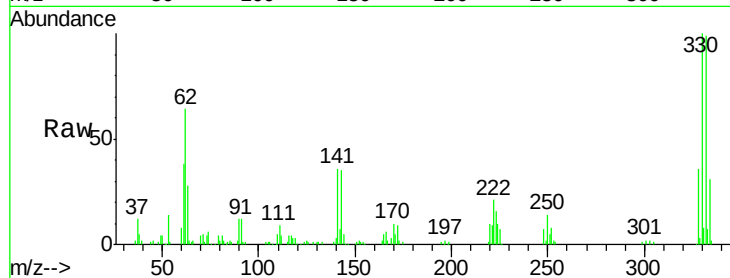




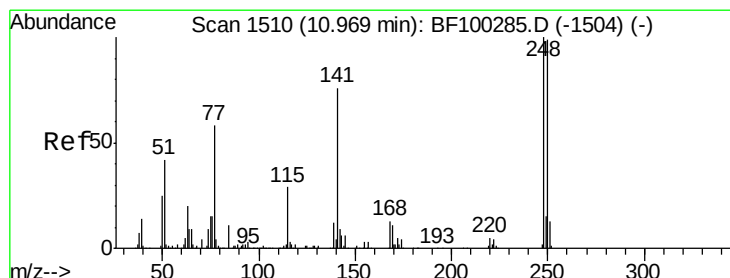
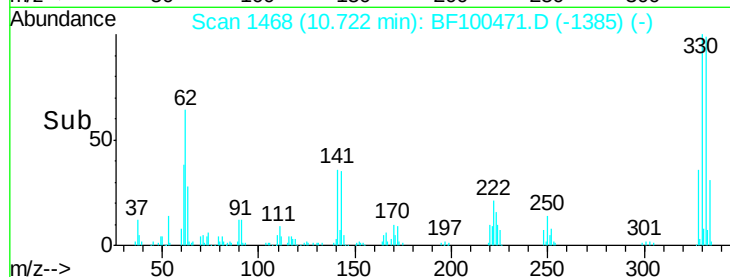
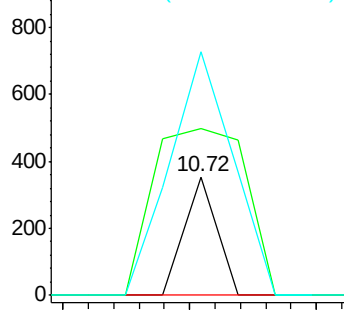
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.63 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BL

Tgt Ion:198 Resp: 125
 Ion Ratio Lower Upper
 198 100
 51 141.2 37.7 77.7#
 105 205.4 36.3 76.3#

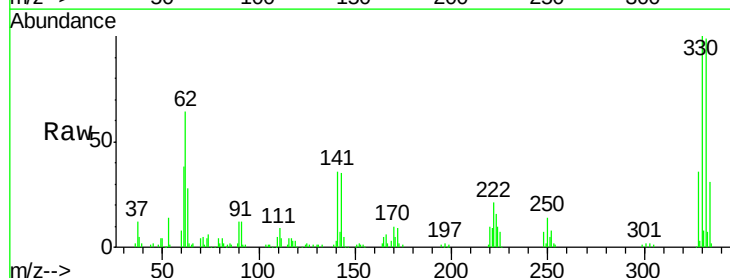


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

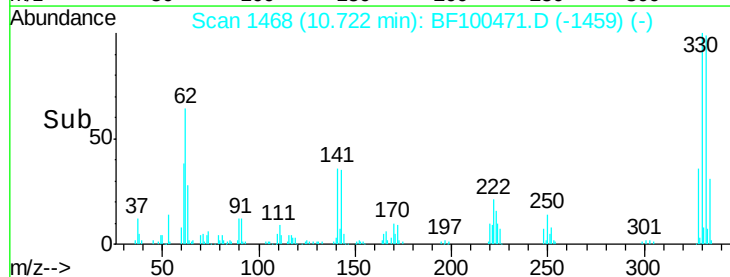
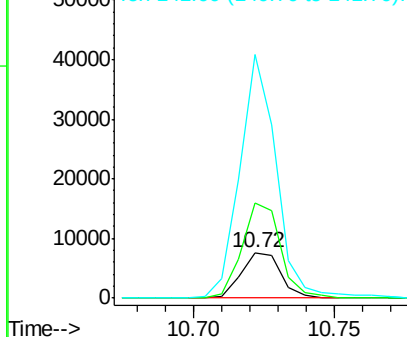


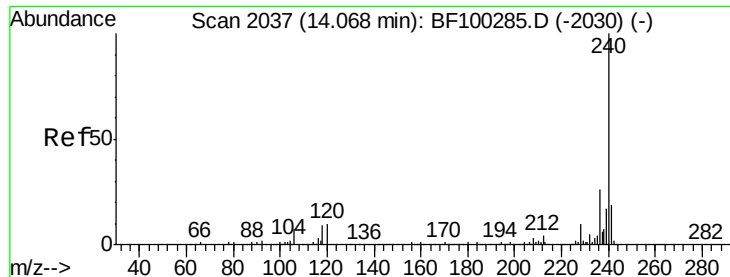
#66
 4-Bromophenyl-phenylether
 Concen: 2.05 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

Tgt Ion:248 Resp: 7413
 Ion Ratio Lower Upper
 248 100
 250 209.0 76.9 115.3#
 141 535.2 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

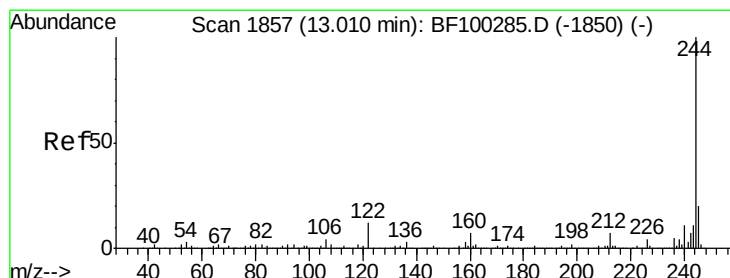
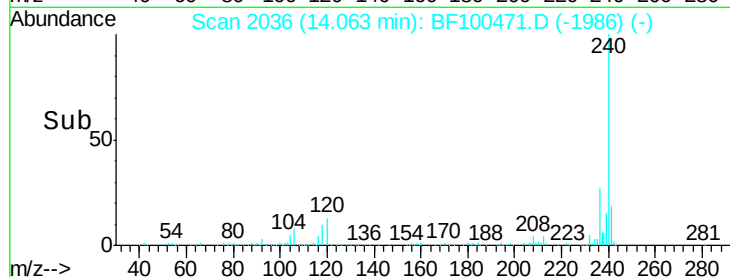
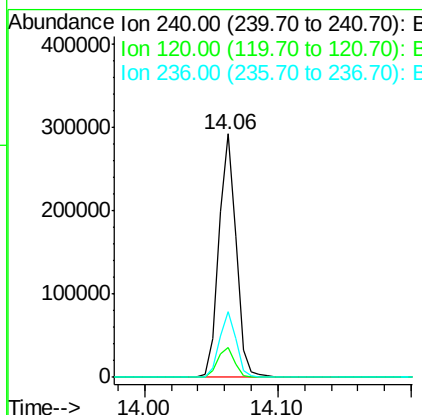
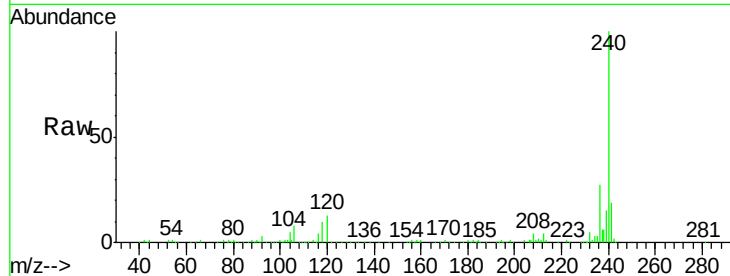




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

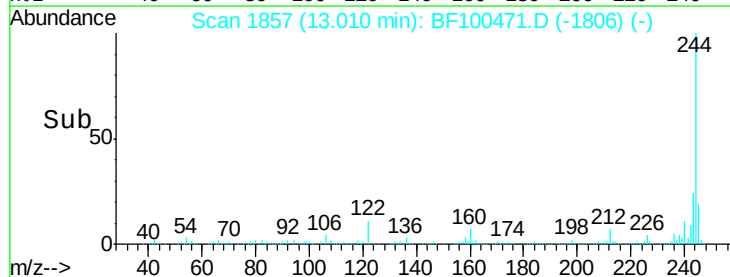
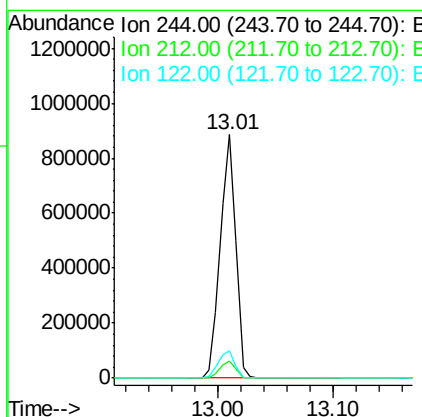
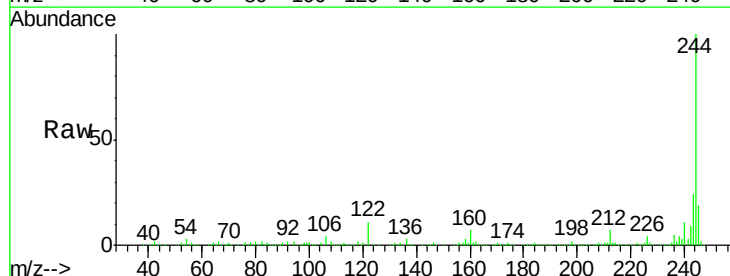
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BL

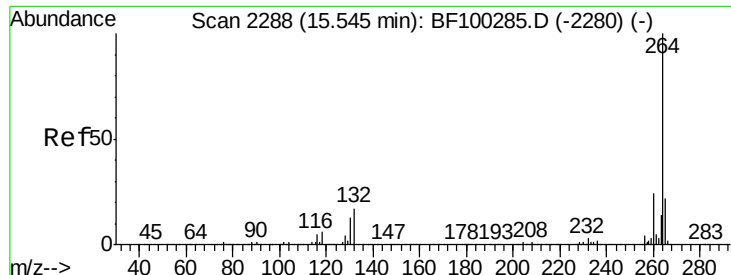
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.8	20.7	31.1



#78
 Terphenyl-d14
 Concen: 70.68 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BF100471.D
 Acq: 12 Nov 2017 6:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100471.D
Acq: 12 Nov 2017 6:09

Instrument :
BNA_F
ClientSampleId :
PB104195BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	17.5	26.3

