

Data File : BF100443.D
Acq On : 11 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Quant Time: Nov 13 01:09:33 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	144637	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	520694	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	196705	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	315887	20.00	ng	0.00
75) Chrysene-d12	14.07	240	305257	20.00	ng	0.00
86) Perylene-d12	15.55	264	217320	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	566234	62.75	ng	0.00
7) Phenol-d6	6.52	99	452651	40.68	ng	0.00
23) Nitrobenzene-d5	7.47	82	820464	104.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	198852	99.21	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1328569	102.85	ng	0.00
78) Terphenyl-d14	13.02	244	1047214	78.83	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	17492	2.20	ng	85
19) n-Nitroso-di-n-propylamine	7.47	70	109268	14.16	ng	# 82
25) Isophorone	7.47	82	816111	49.31	ng	# 64
47) 2-Nitroaniline	9.26	65	2133	3.33	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	25085	8.44	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	25085	6.69	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.73	198	475	8.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	12293	3.63	ng	# 1

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

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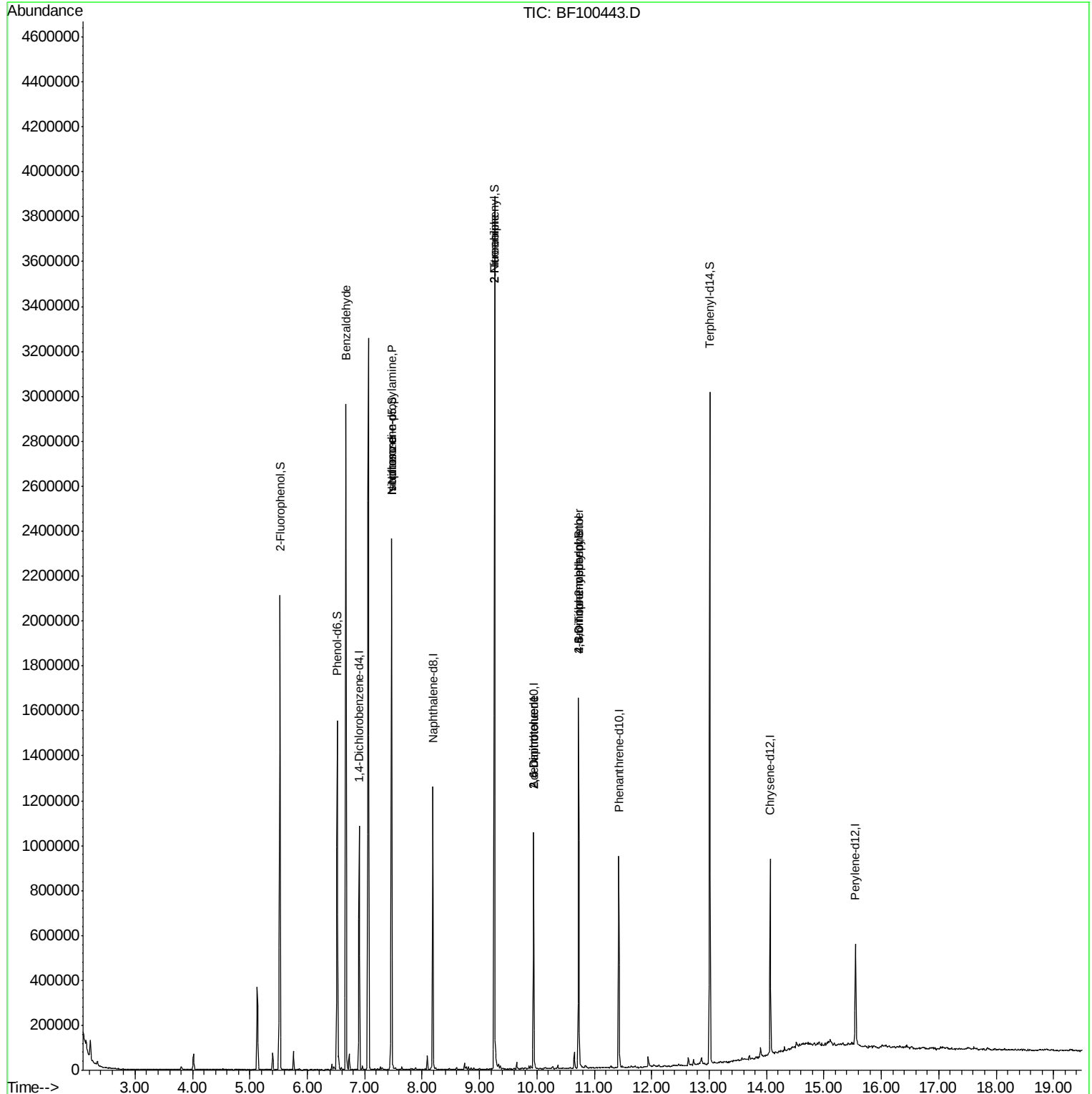
Quant Time: Nov 13 01:09:33 2017

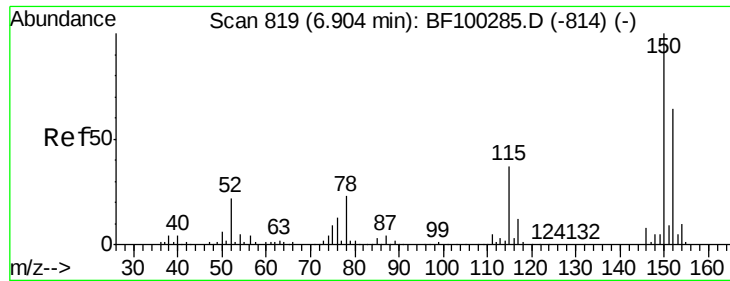
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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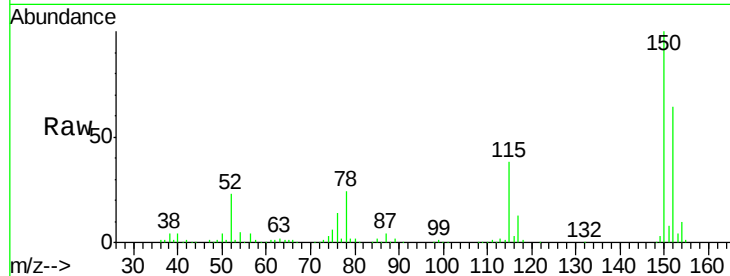




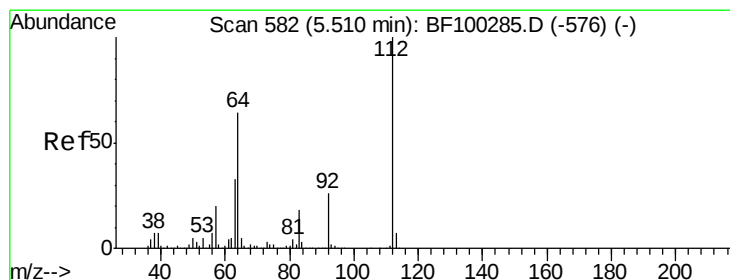
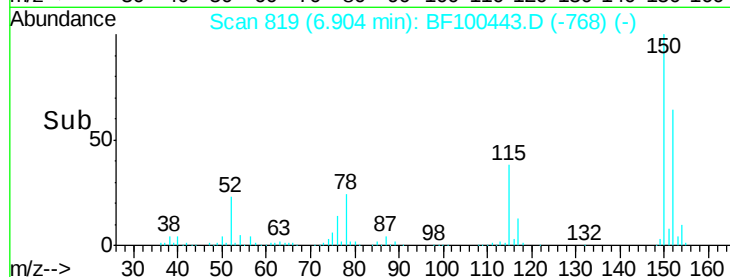
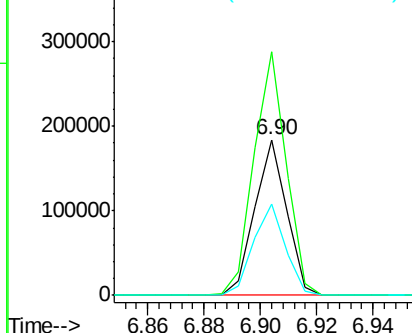
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-01

Tgt Ion:152 Resp: 144637
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 58.9 50.1 75.1

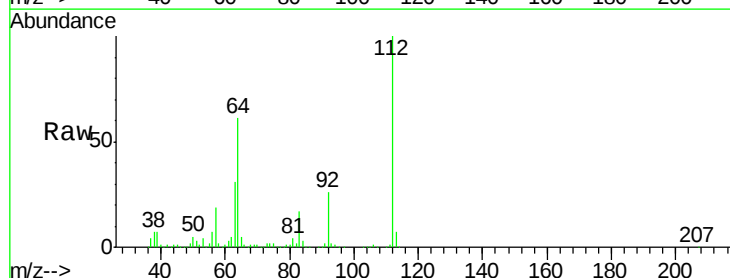


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

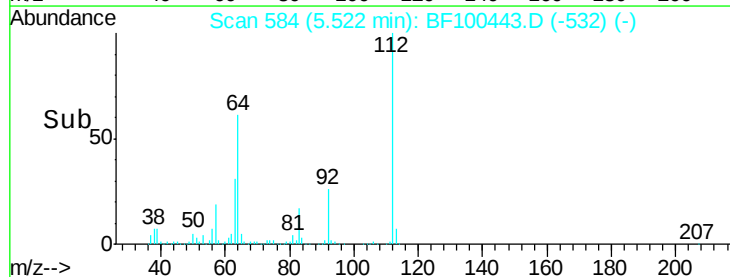
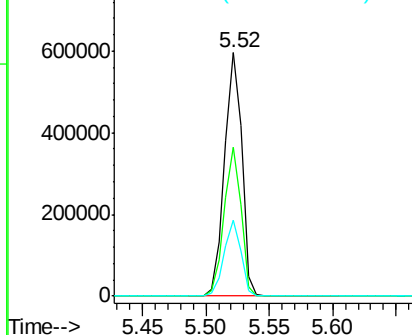


#5
 2-Fluorophenol
 Concen: 62.75 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

Tgt Ion:112 Resp: 566234
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.9 71.9
 63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 40.68 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100443.D

Acq: 11 Nov 2017 16:23

Instrument :

BNA_F

ClientSampleId :

MH-110917-01

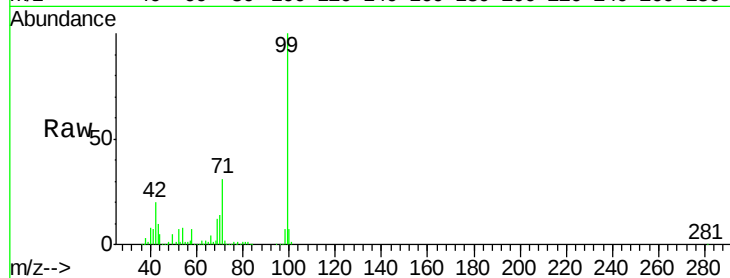
Tgt Ion: 99 Resp: 452651

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

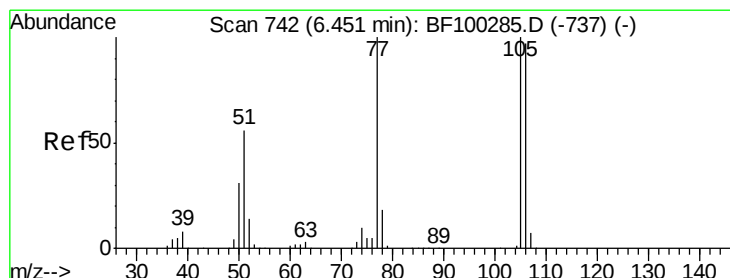
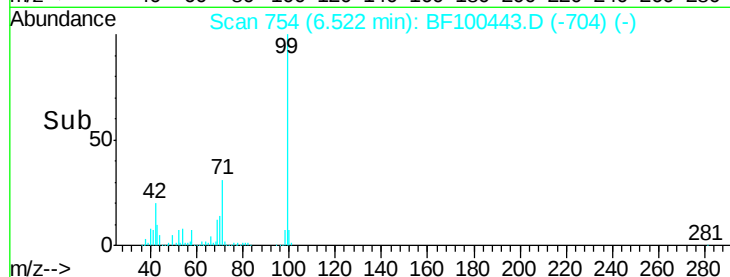
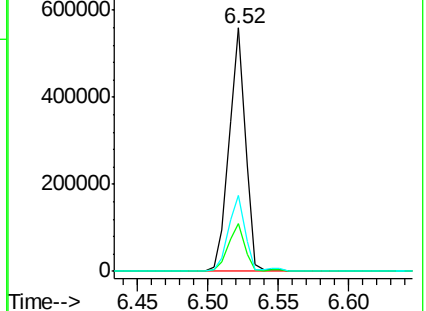
71 31.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.20 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.22 min

Lab File: BF100443.D

Acq: 11 Nov 2017 16:23

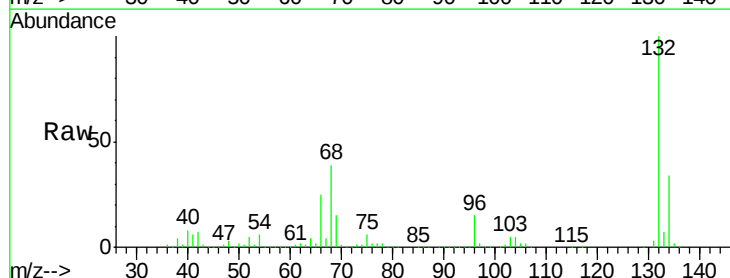
Tgt Ion: 77 Resp: 17492

Ion Ratio Lower Upper

77 100

105 85.8 81.1 121.1

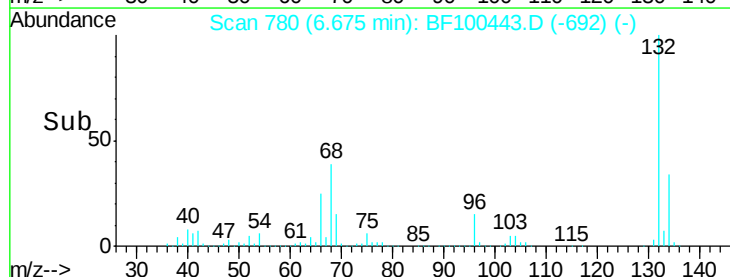
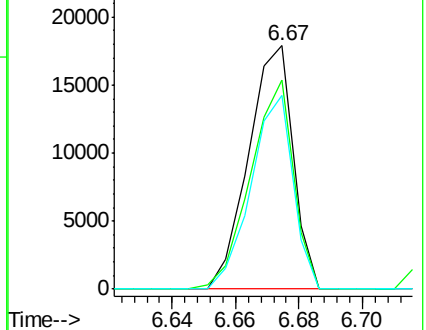
106 79.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

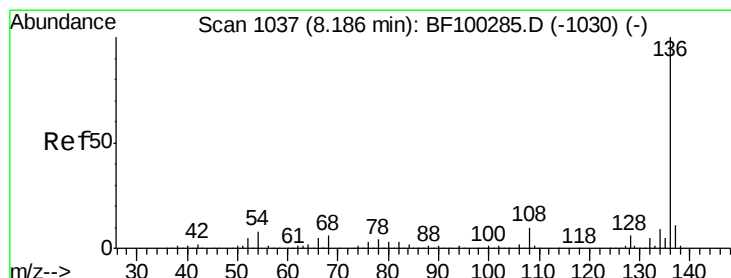
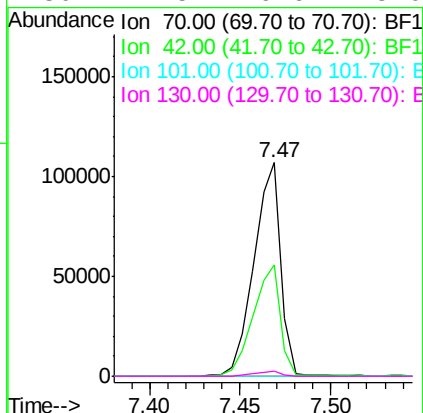
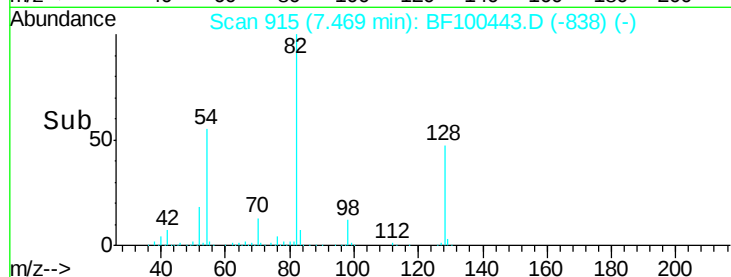
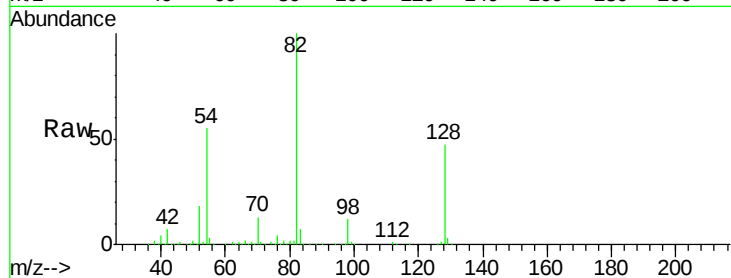




#19
n-Nitroso-di-n-propylamine
Concen: 14.16 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.15 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

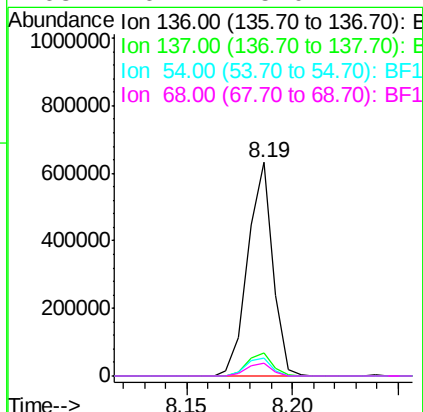
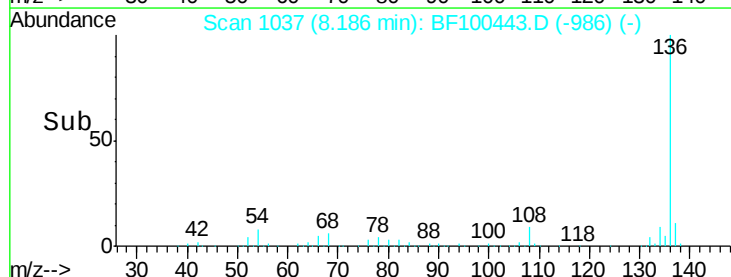
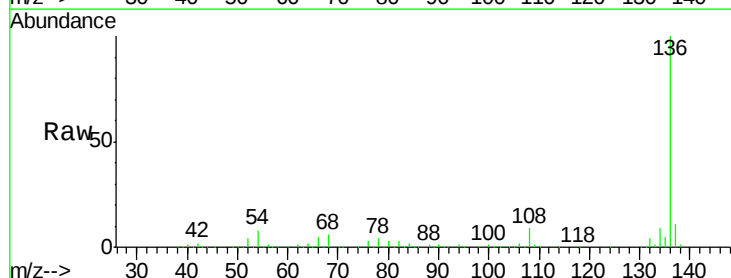
Instrument :
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ClientSampleId :
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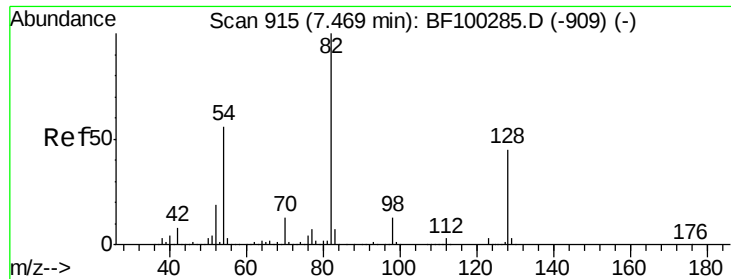
Tgt Ion: 70 Resp: 109268
Ion Ratio Lower Upper
70 100
42 52.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion: 136 Resp: 520694
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.3 6.6 9.8
68 6.1 5.0 7.4

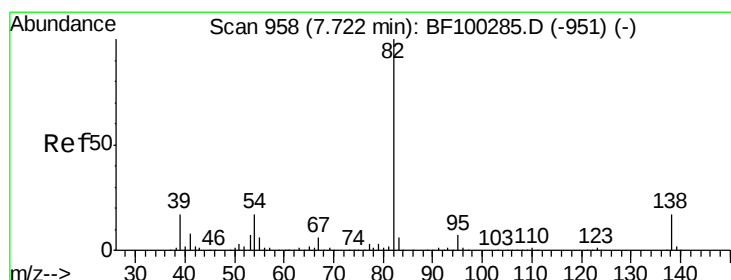
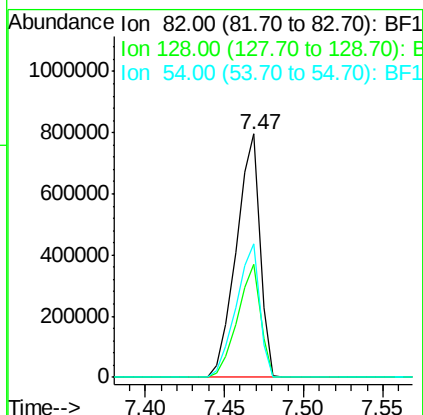
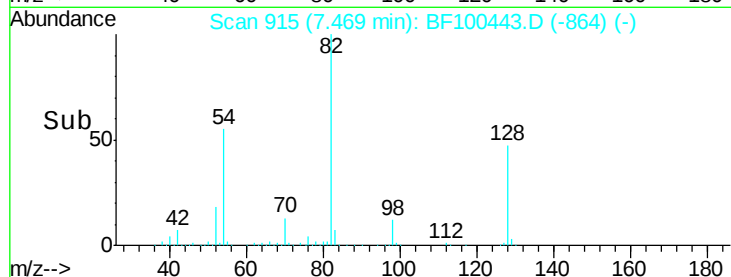
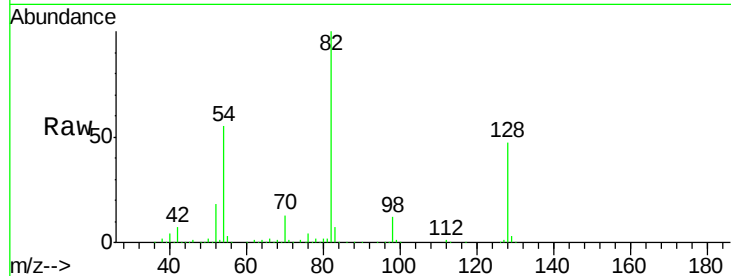




#23
 Nitrobenzene-d5
 Concen: 104.18 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

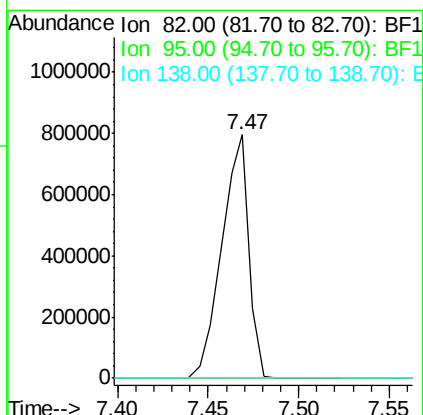
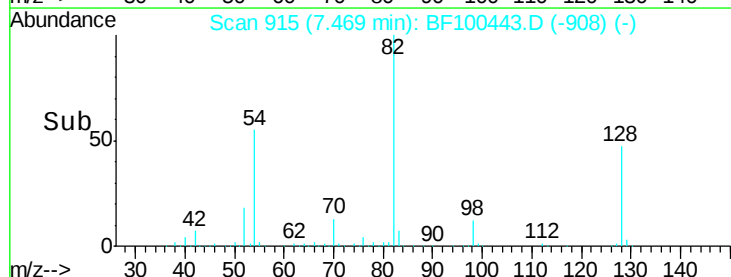
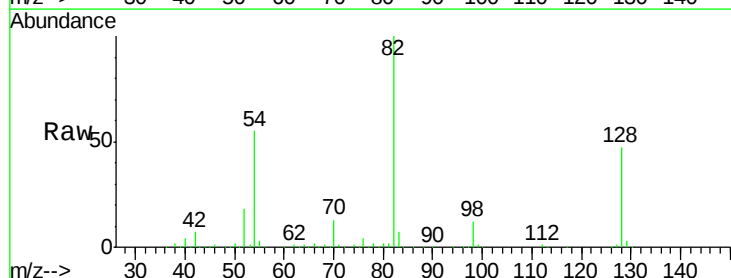
Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-01

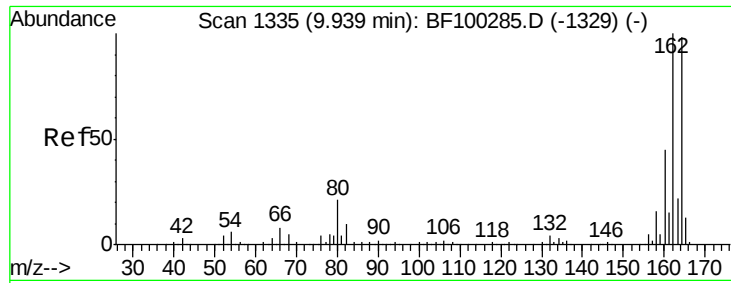
Tgt Ion: 82 Resp: 820464
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 54.7 41.4 62.2



#25
 Isophorone
 Concen: 49.31 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.26 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

Tgt Ion: 82 Resp: 816111
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

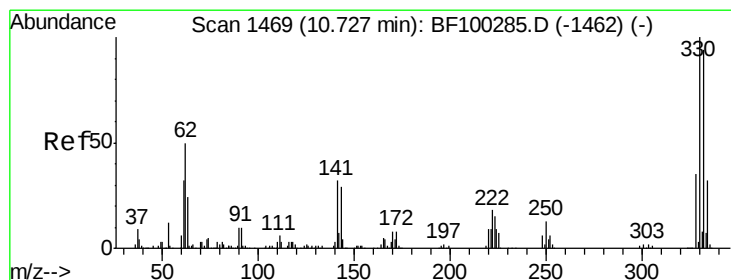
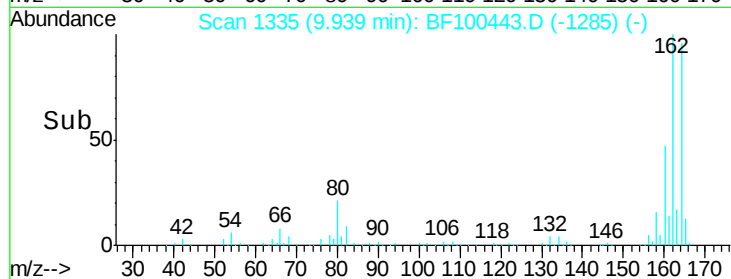
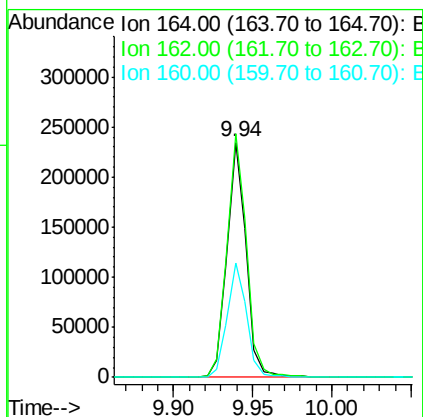
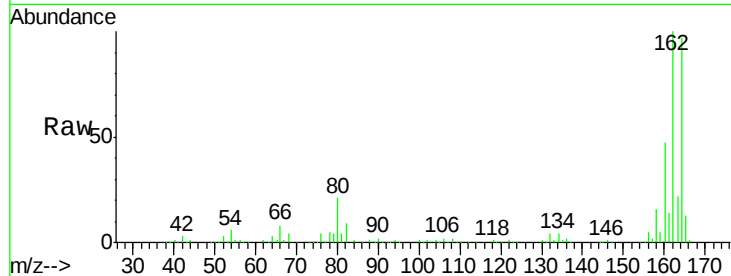




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

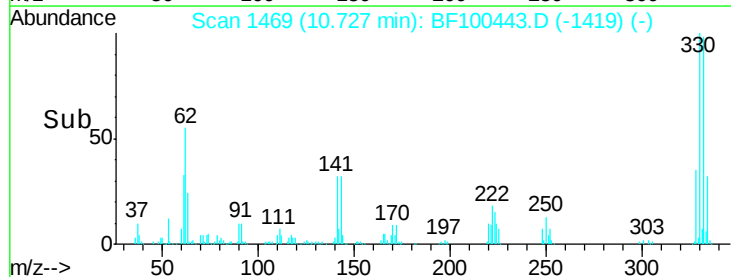
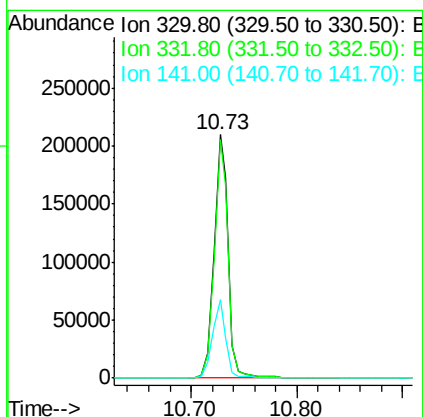
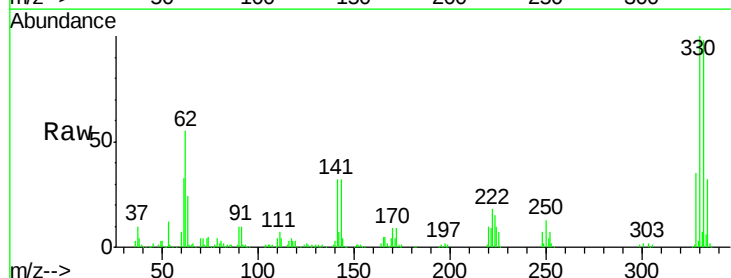
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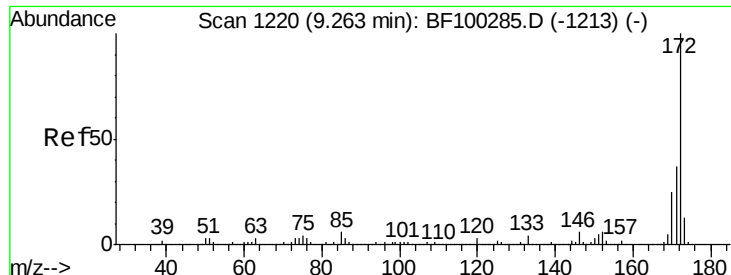
Tgt Ion:164 Resp: 196705
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 48.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 99.21 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

Tgt Ion:330 Resp: 198852
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 30.5 29.9 44.9

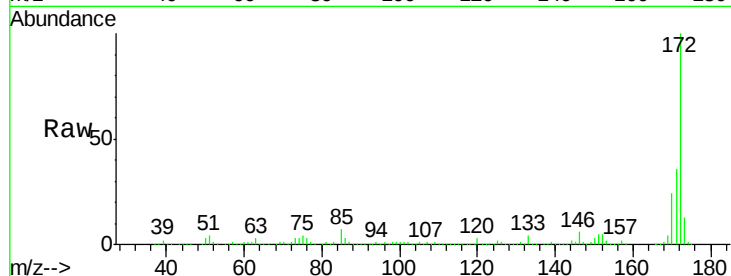




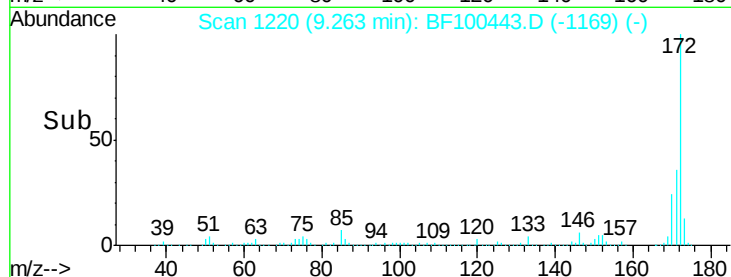
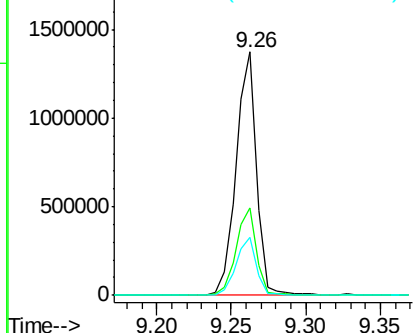
#44
2-Fluorobiphenyl
Concen: 102.85 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion:172 Resp: 1328569
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4

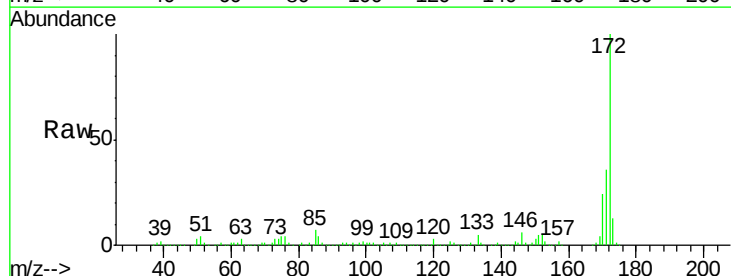


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

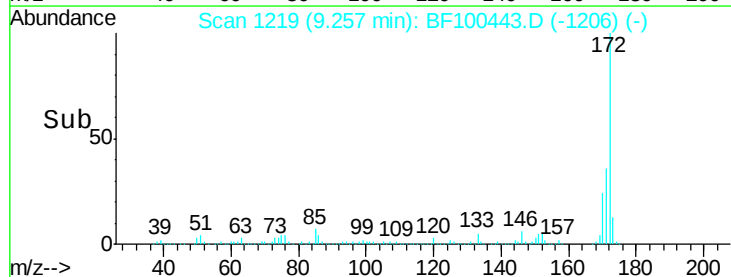
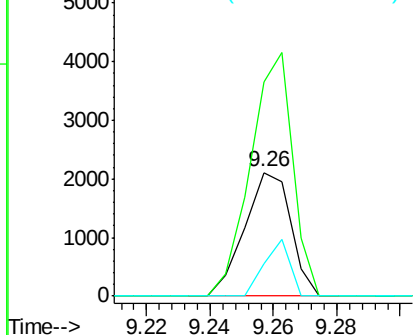


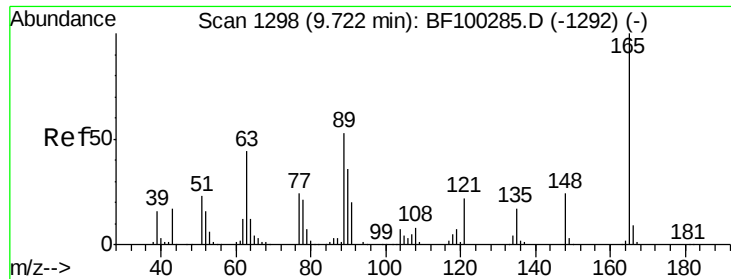
#47
2-Nitroaniline
Concen: 3.33 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion: 65 Resp: 2133
Ion Ratio Lower Upper
65 100
92 173.7 55.8 83.6#
138 26.5 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

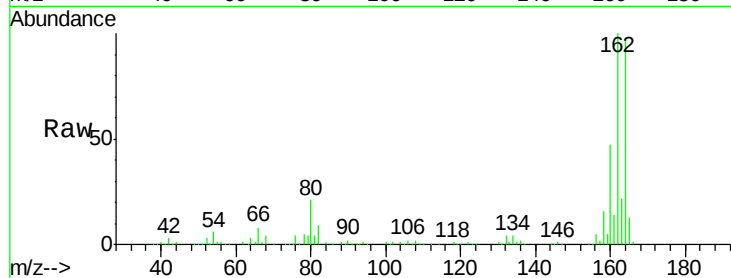




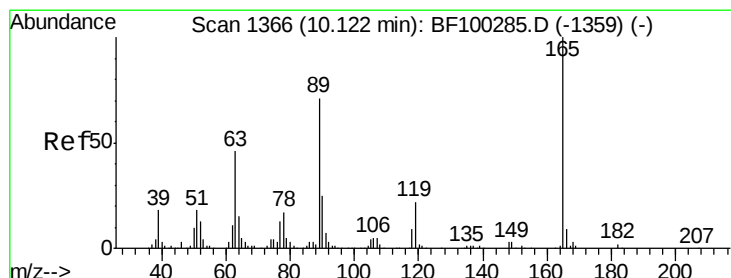
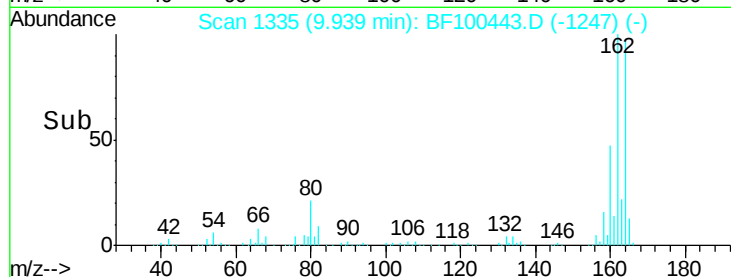
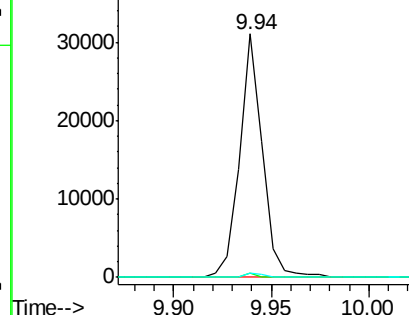
#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
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MH-110917-01

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

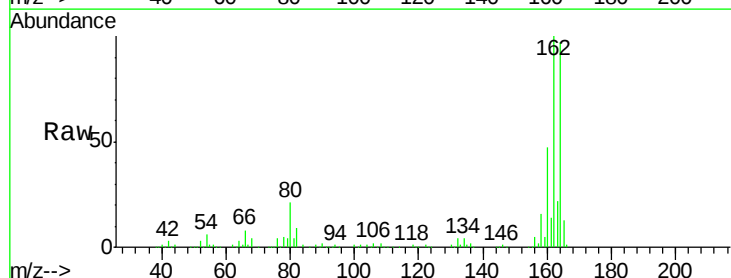


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

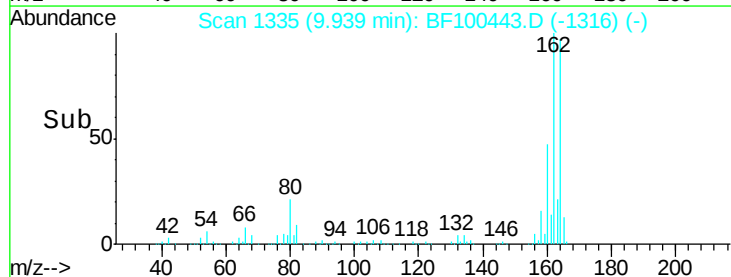
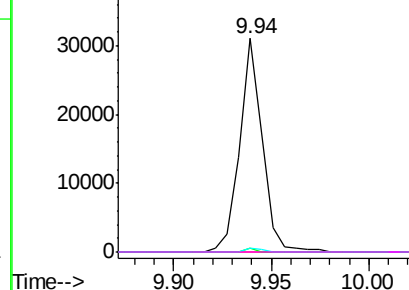


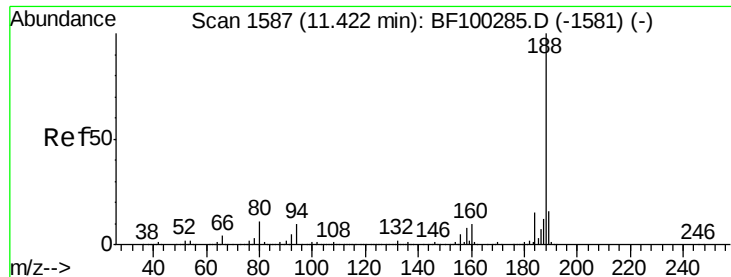
#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100443.D
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



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

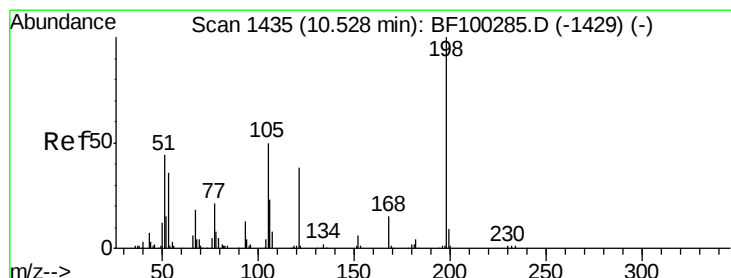
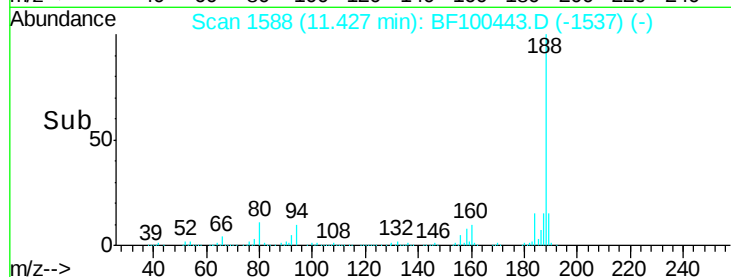
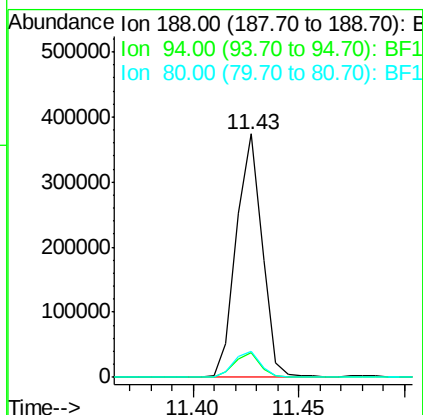
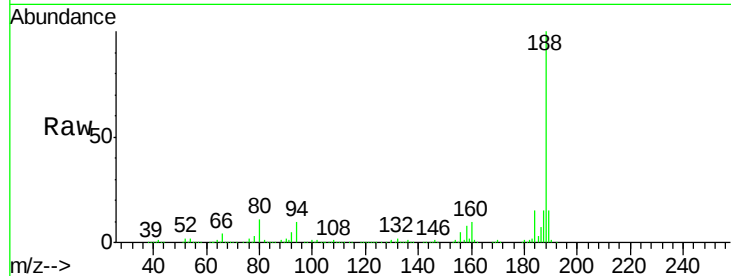




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

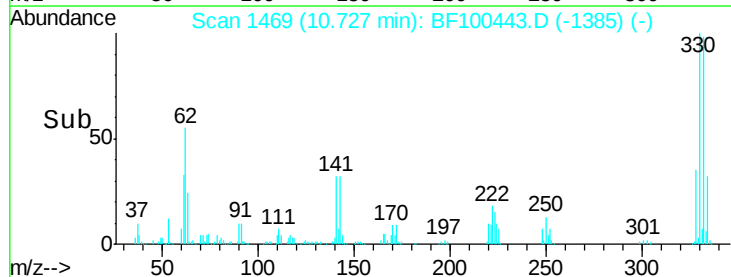
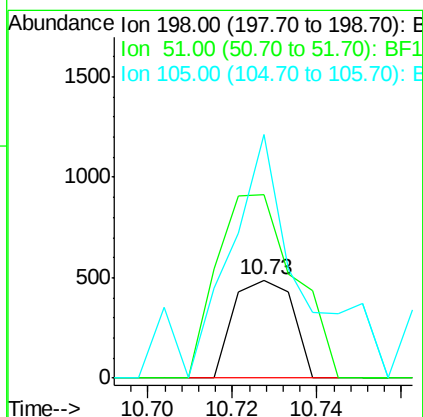
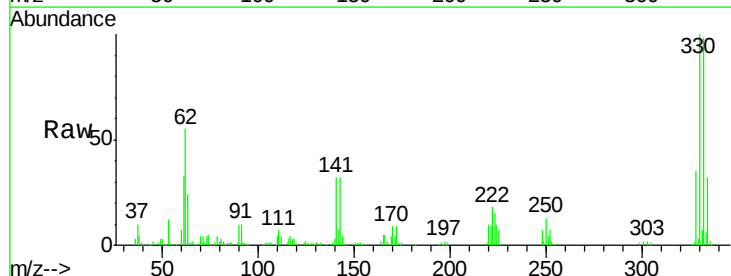
Instrument :
BNA_F
ClientSampleId :
MH-110917-01

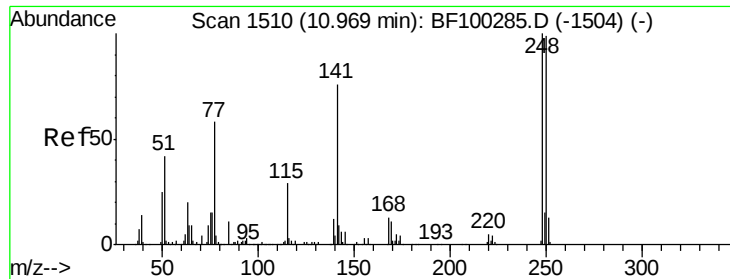
Tgt Ion:188 Resp: 315887
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:198 Resp: 475
Ion Ratio Lower Upper
198 100
51 187.1 37.7 77.7#
105 248.9 36.3 76.3#

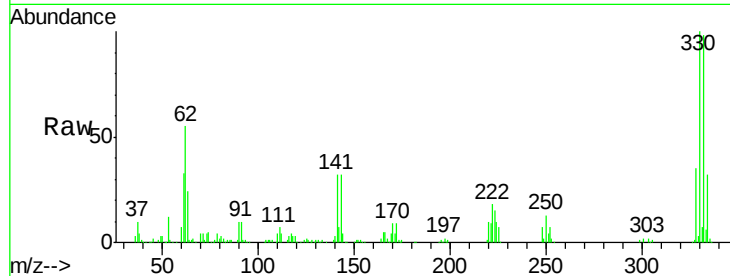




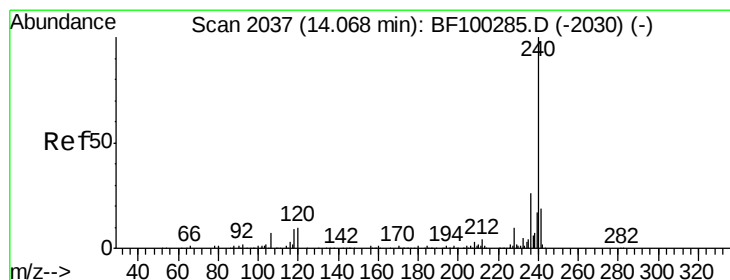
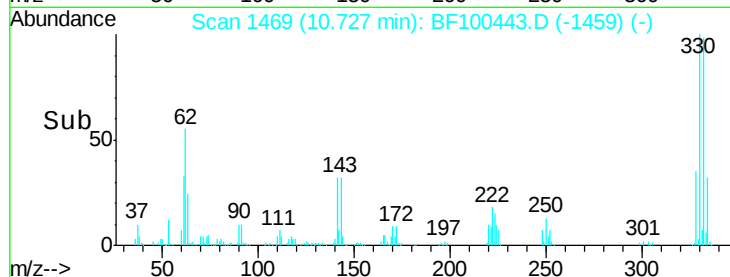
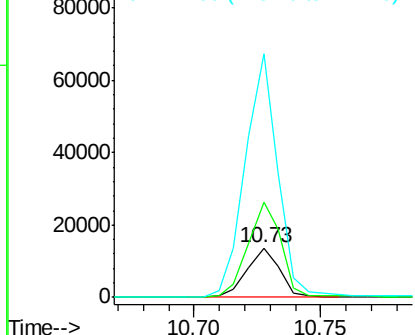
#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion:248 Resp: 12293
Ion Ratio Lower Upper
248 100
250 191.1 76.9 115.3#
141 490.3 74.4 111.6#

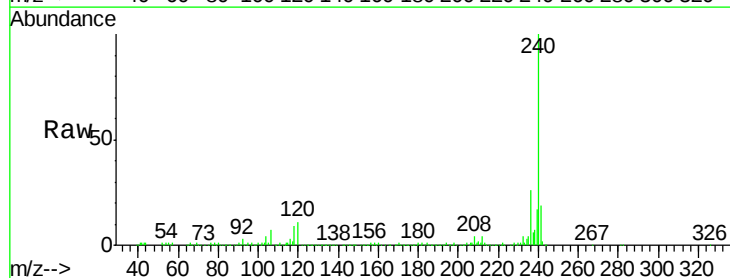


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

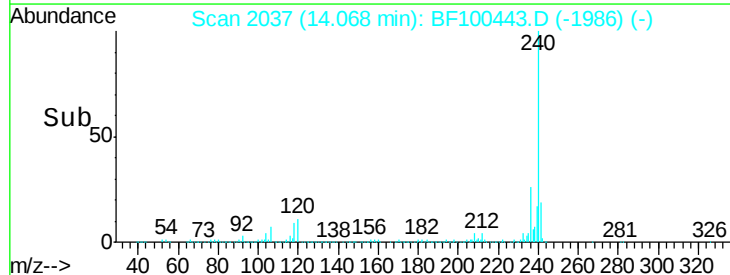
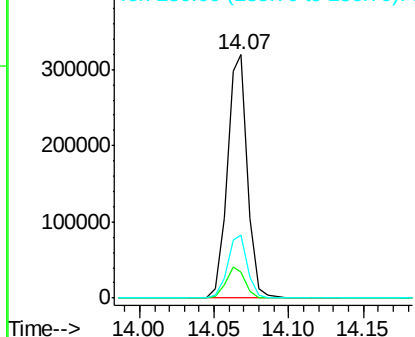


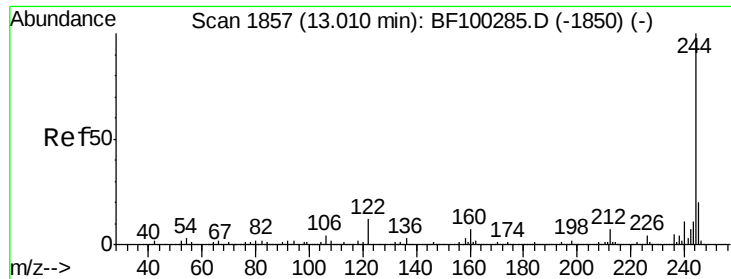
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:240 Resp: 305257
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 25.8 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

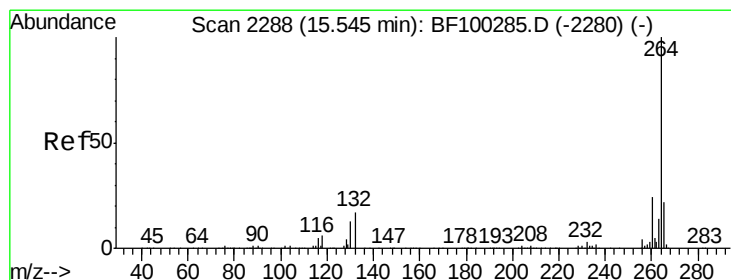
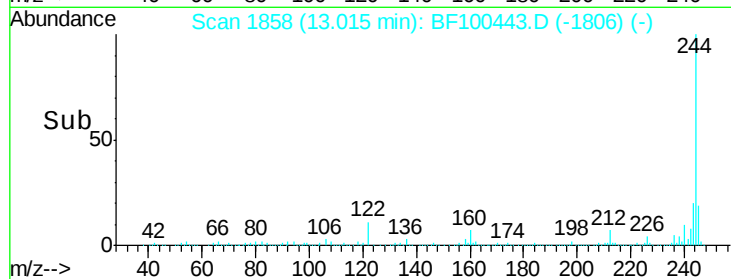
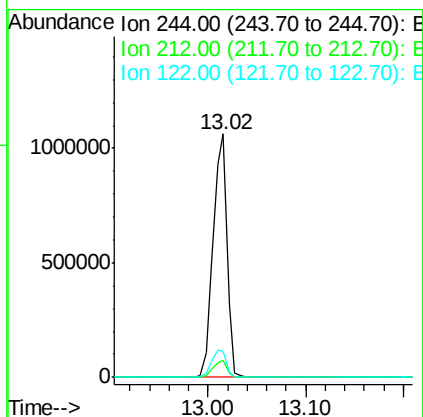
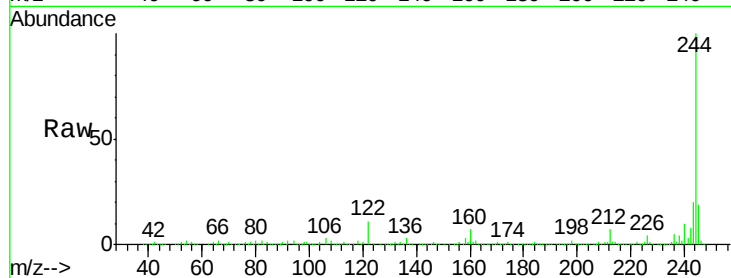




#78
 Terphenyl-d14
 Concen: 78.83 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.01 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-01

Tgt Ion:244 Resp: 1047214
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF100443.D
 Acq: 11 Nov 2017 16:23

Tgt Ion:264 Resp: 217320
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 17.5 26.3

