

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100675.D
 Acq On : 17 Nov 2017 14:51
 Operator : SJ/JU
 Sample : I6454-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 16:42:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

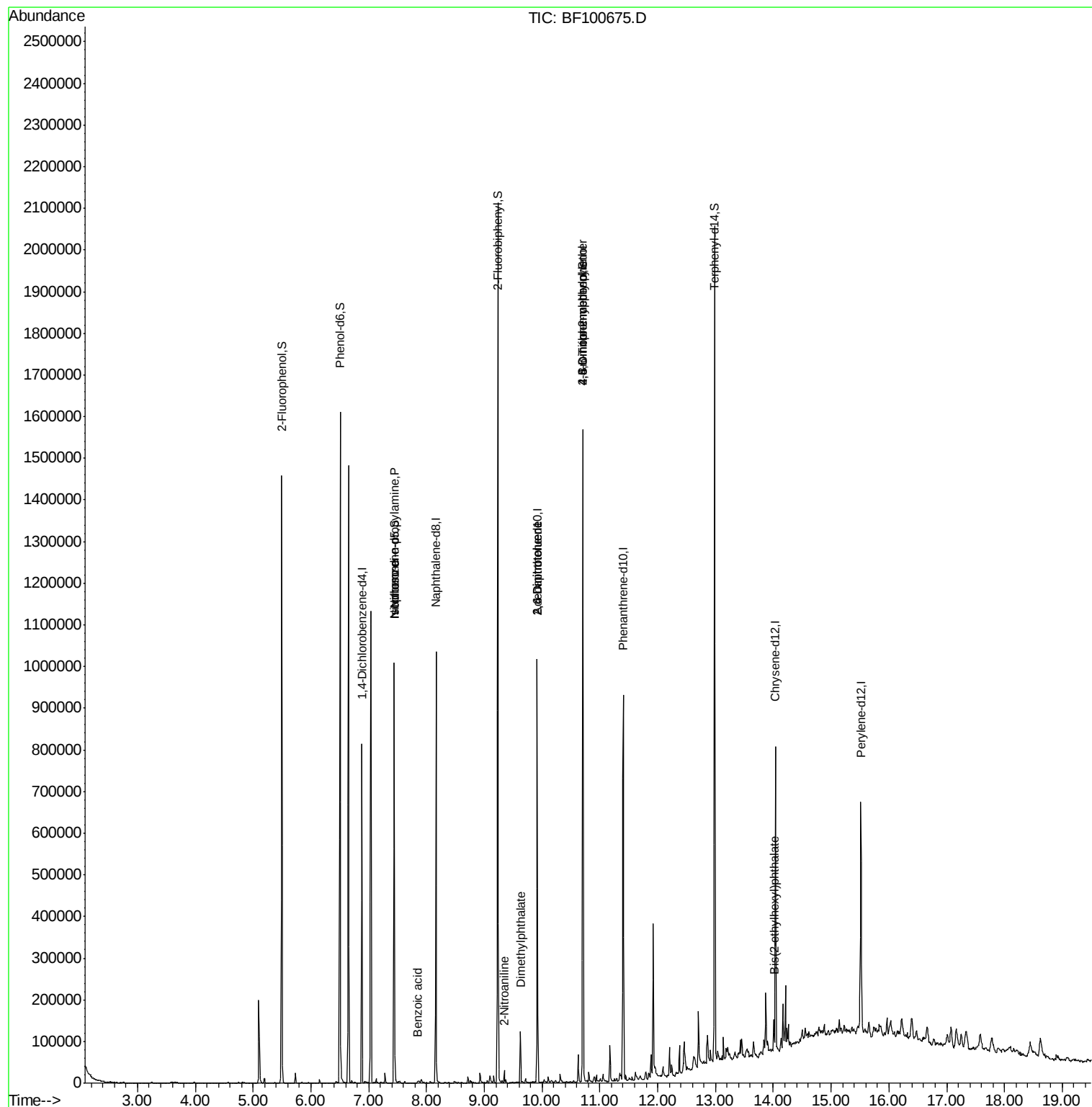
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	112105	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	438296	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	195652	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	327022	20.00	ng	0.00
75) Chrysene-d12	14.04	240	234931	20.00	ng	0.00
86) Perylene-d12	15.52	264	250504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	388075	55.49	ng	0.00
7) Phenol-d6	6.50	99	546840	63.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	315473	47.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	204227	102.44	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	734452	57.16	ng	0.00
78) Terphenyl-d14	12.99	244	645323	63.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	39994	6.687	ng	# 83
25) Isophorone	7.44	82	315470	22.645	ng	# 64
32) Benzoic acid	7.85	122	1729	9.662	ng	# 75
47) 2-Nitroaniline	9.35	65	260	2.851	ng	# 59
49) Dimethylphthalate	9.63	163	50210	3.361	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	24292	8.215	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	24292	6.512	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.71	198	368	8.753	ng	# 81
66) 4-Bromophenyl-phenylether	10.70	248	12356	3.525	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.01	149	19836	2.208	ng	# 97

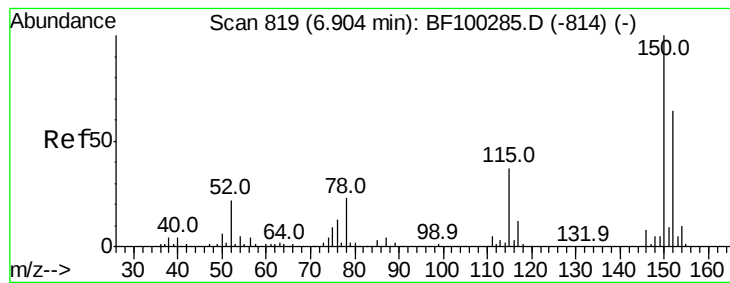
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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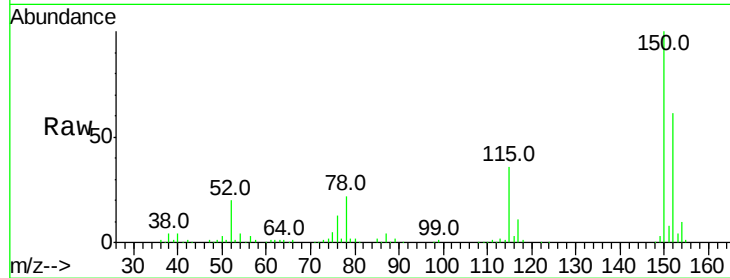


#1

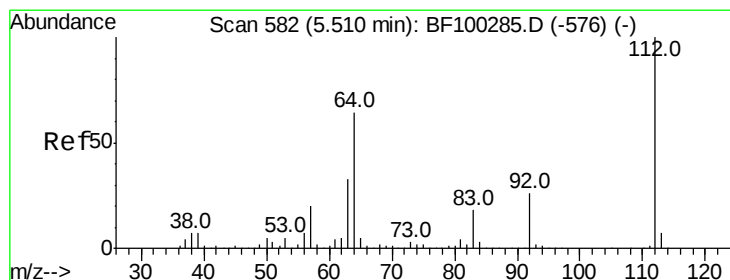
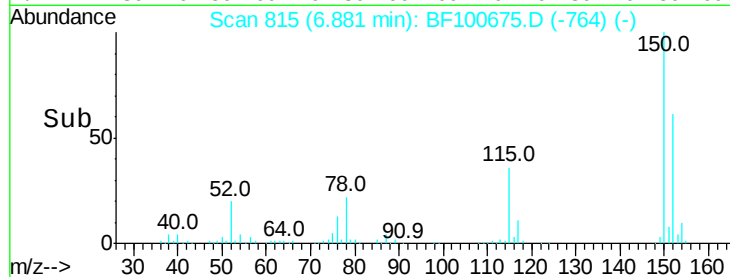
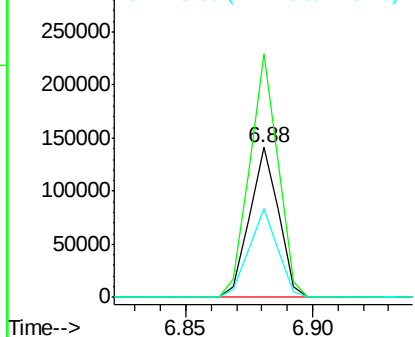
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112105
Ion Ratio Lower Upper
152 100
150 162.8 124.6 186.8
115 59.1 50.1 75.1



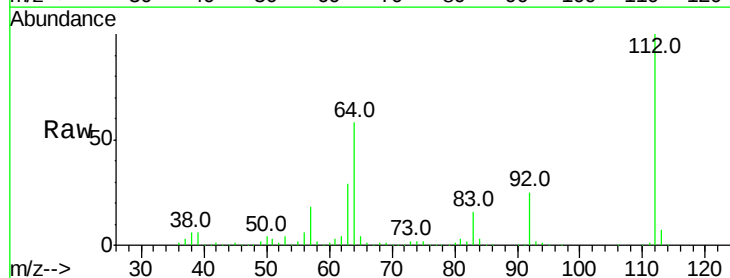
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



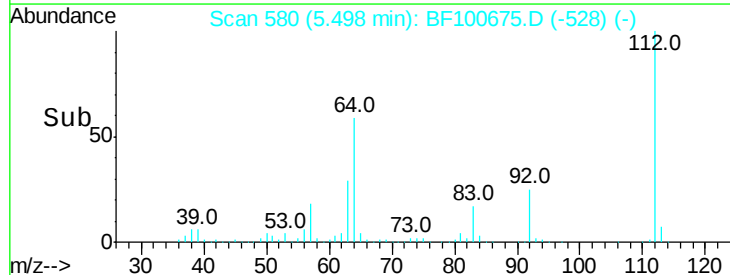
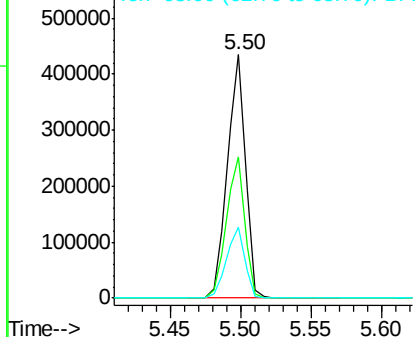
#5

2-Fluorophenol
Concen: 55.491 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Tgt Ion:112 Resp: 388075
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.1 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: 63.410 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

Instrument :

BNA_F

ClientSampleId :

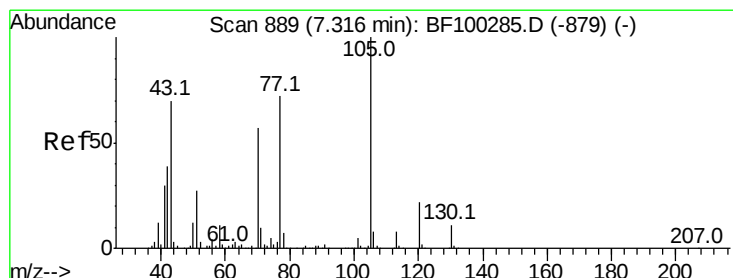
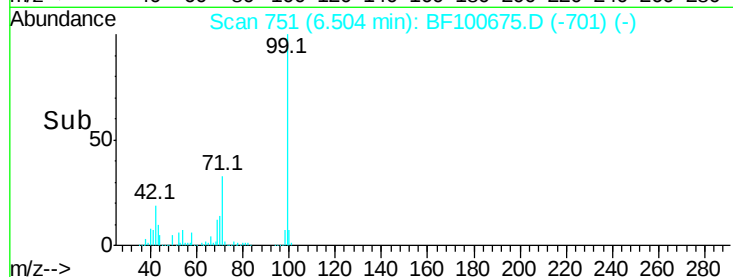
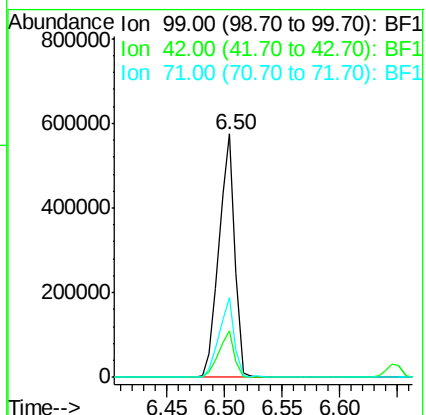
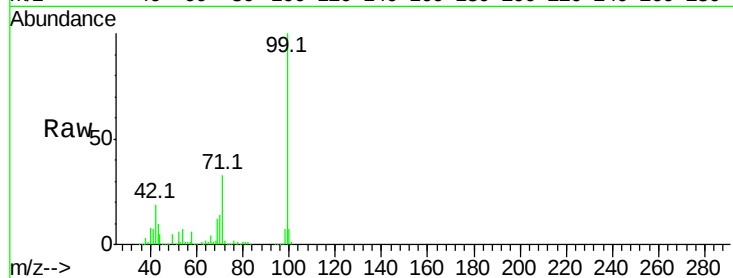
Tot Ion: 99 Resp: 546840

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.687 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

Tgt Ion: 70 Resp: 39994

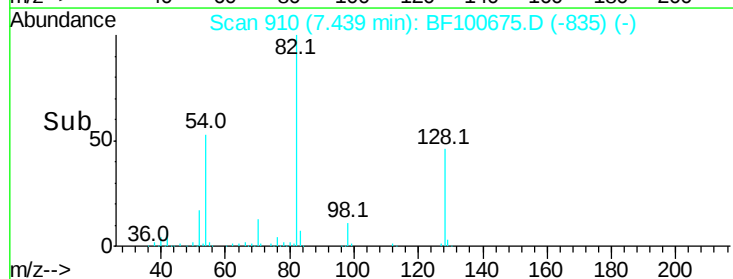
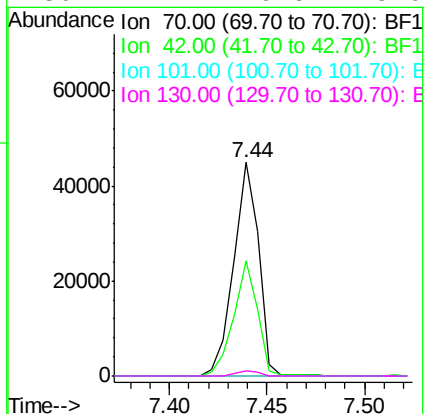
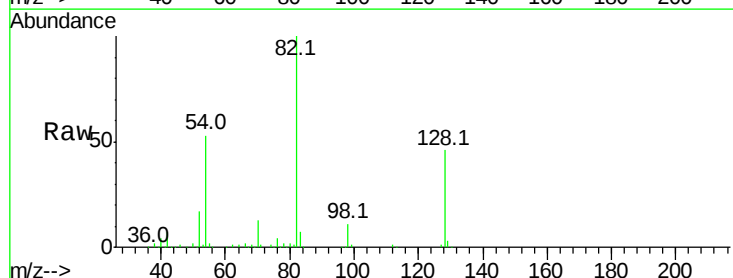
Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

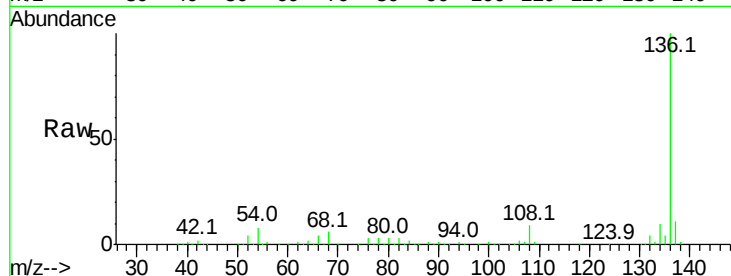




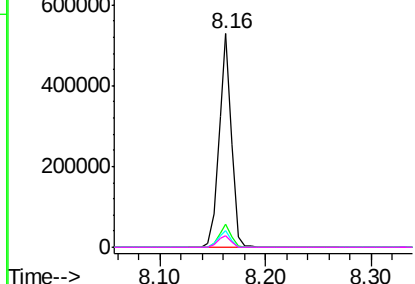
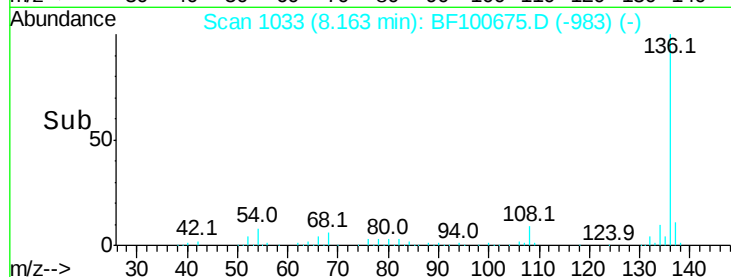
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	438296
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 8.1	6.6	9.8
68 5.6	5.0	7.4

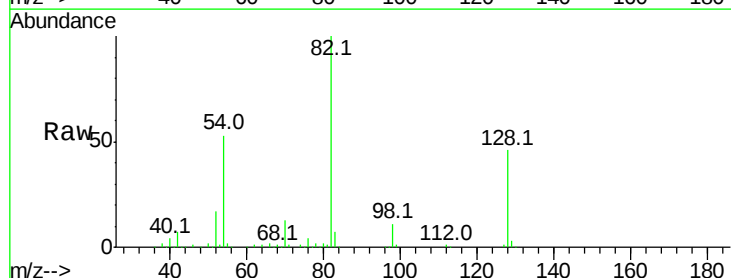


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

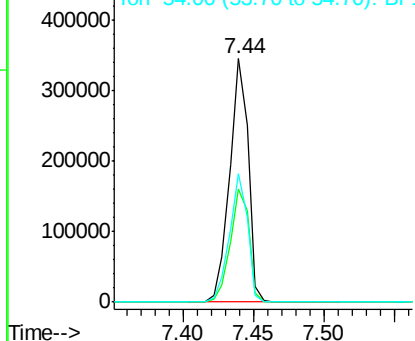
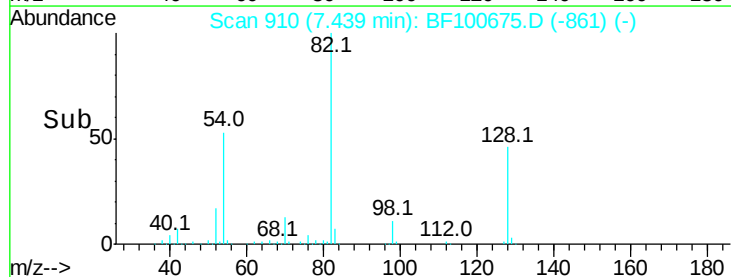


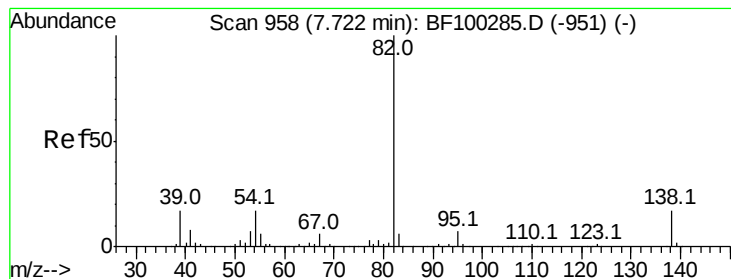
#23
Nitrobenzene-d5
Concen: 47.587 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Tgt	Ion: 82	Resp:	315473
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	52.6	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: 22.645 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

Instrument :

BNA_F

ClientSampleId :

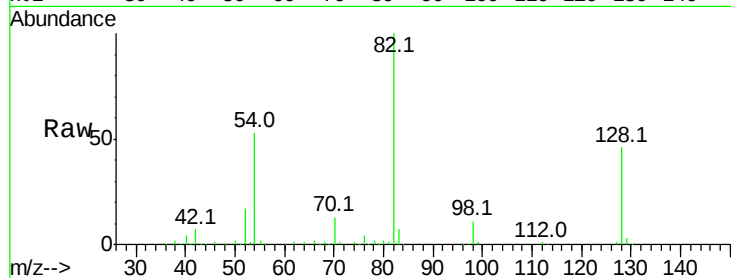
Tot Ion: 82 Resp: 315470

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

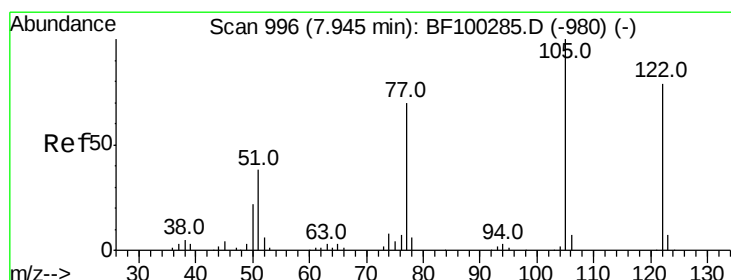
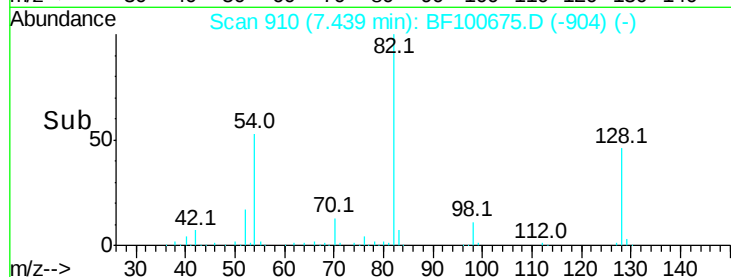
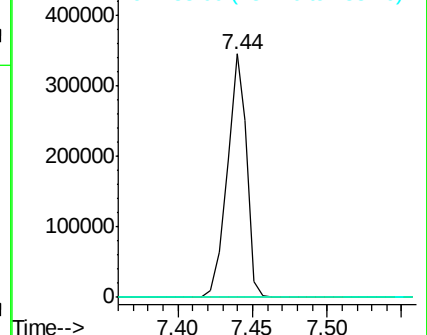
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 9.662 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.08 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

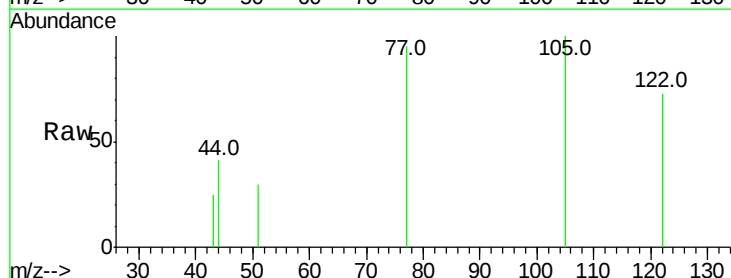
Tgt Ion: 122 Resp: 1729

Ion Ratio Lower Upper

122 100

105 136.1 101.1 141.1

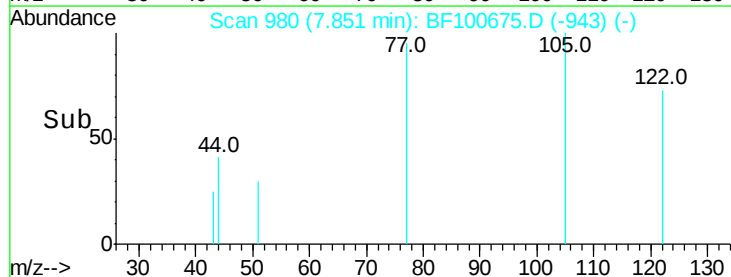
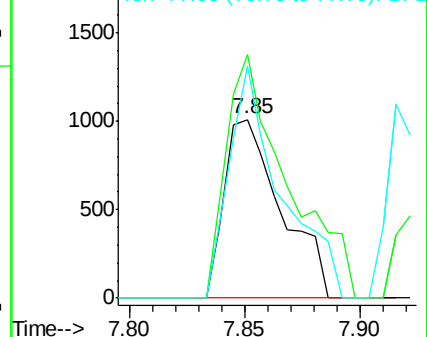
77 129.8 70.7 110.7#

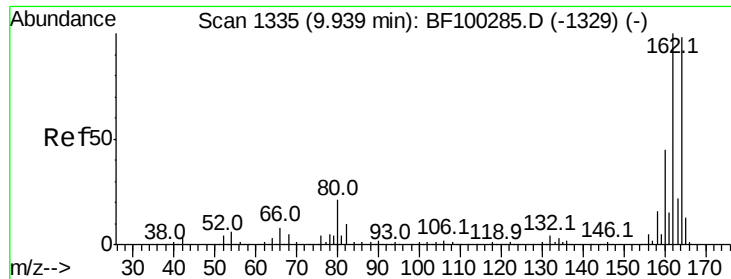


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

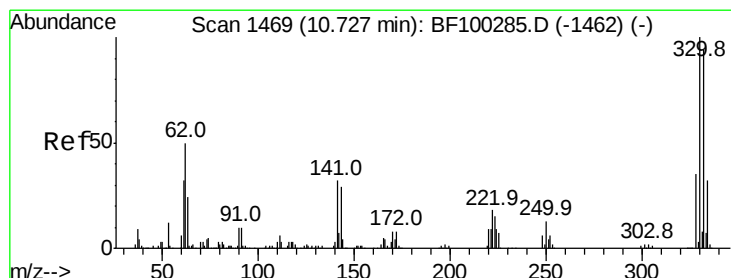
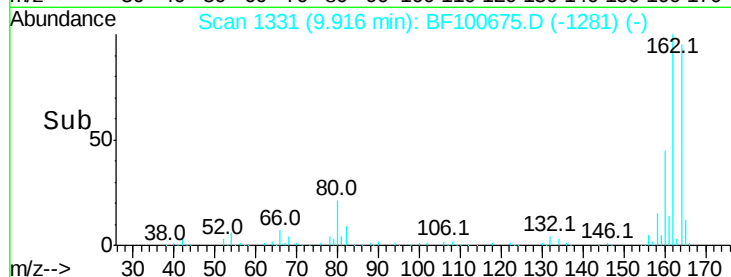
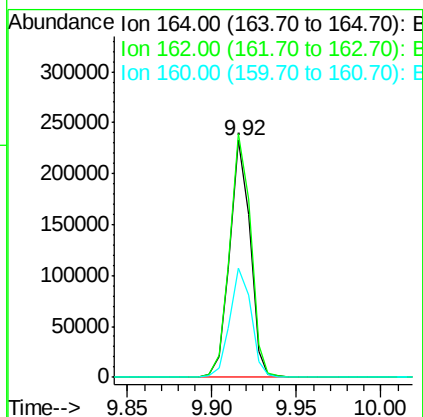
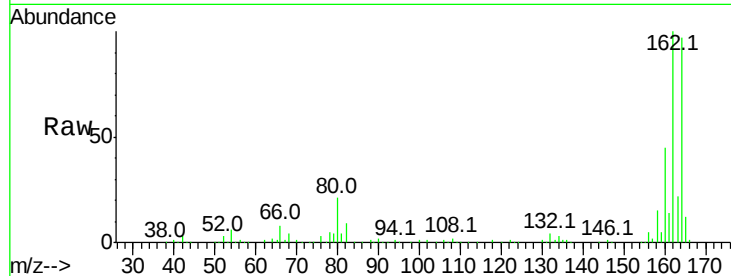




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100675.D
 Acq: 17 Nov 2017 14:51

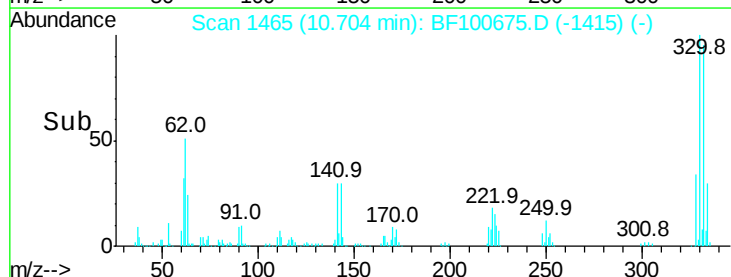
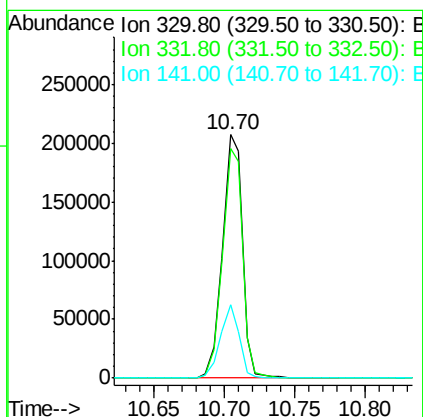
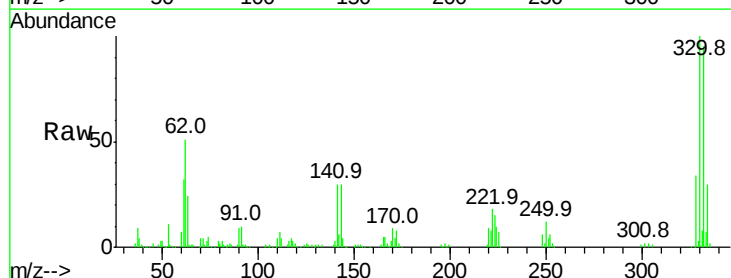
Instrument :
 BNA_F
 ClientSampleId :

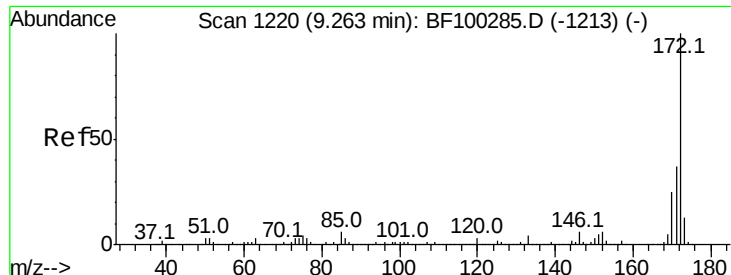
Tot Ion:164 Resp: 195652
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.436 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100675.D
 Acq: 17 Nov 2017 14:51

Tgt Ion:330 Resp: 204227
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 28.5 29.9 44.9#

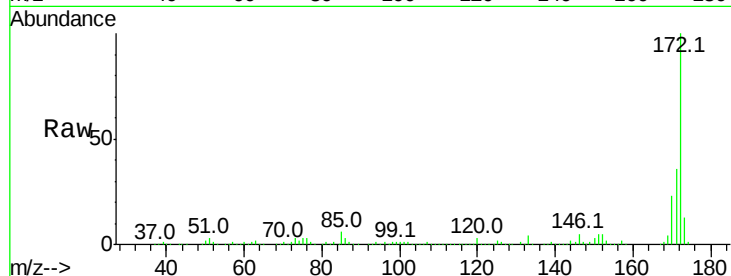




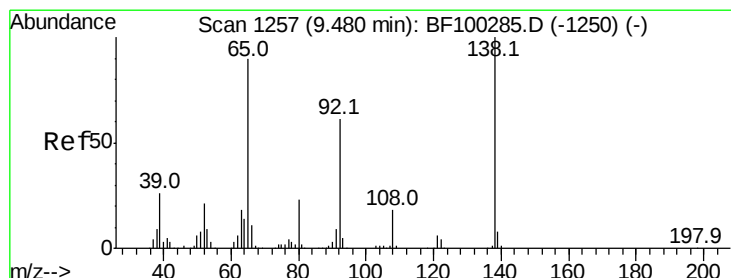
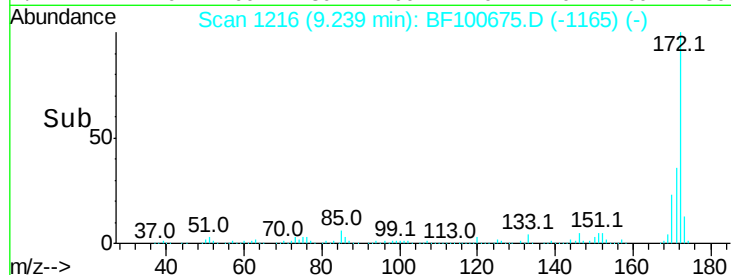
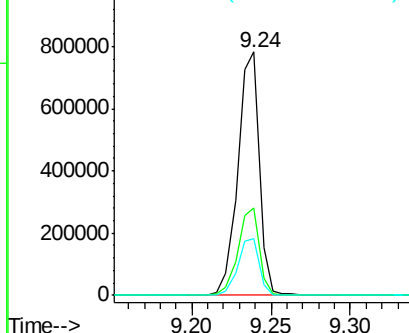
#44
2-Fluorobiphenyl
Concen: 57.161 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 734452
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.4 19.6 29.4

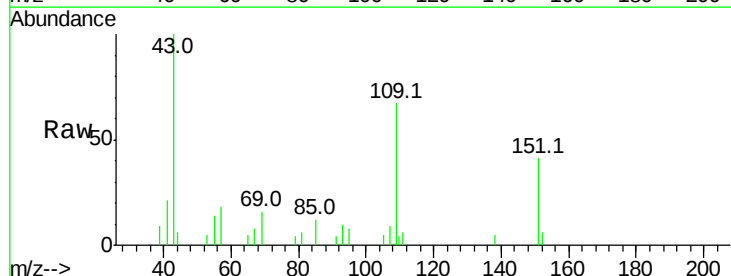


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

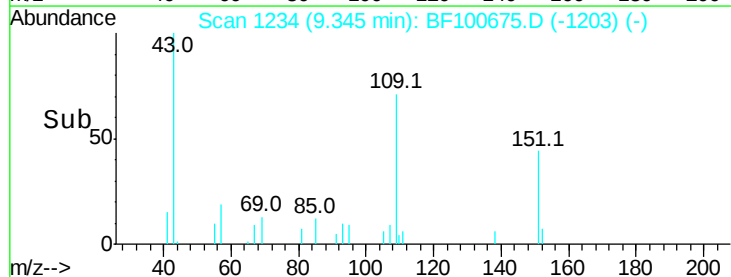
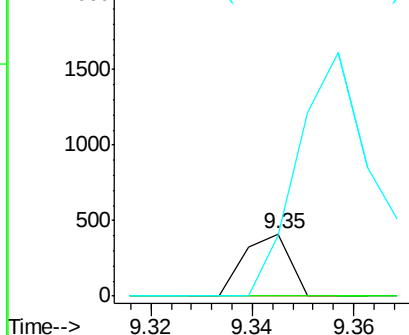


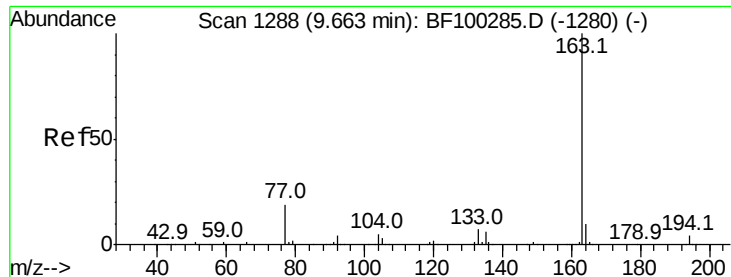
#47
2-Nitroaniline
Concen: 2.851 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.12 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Tgt Ion: 65 Resp: 260
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 98.1 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

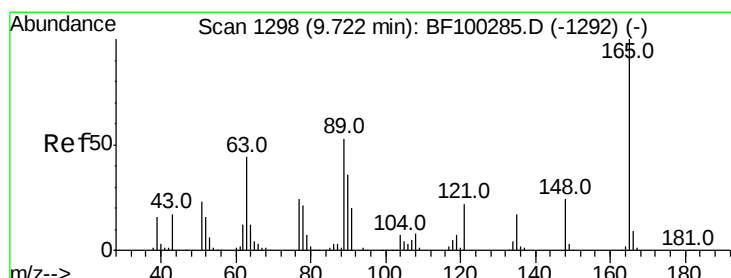
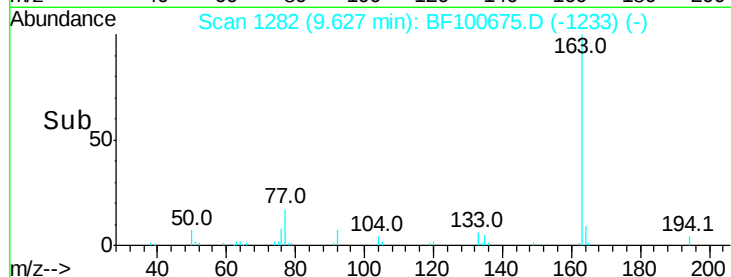
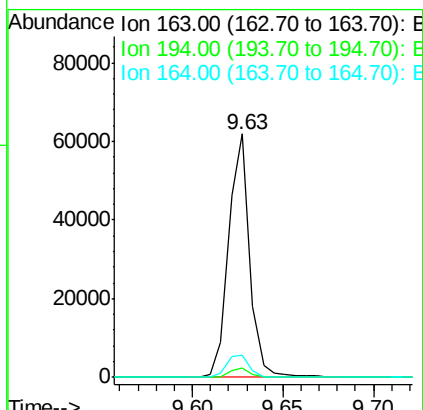
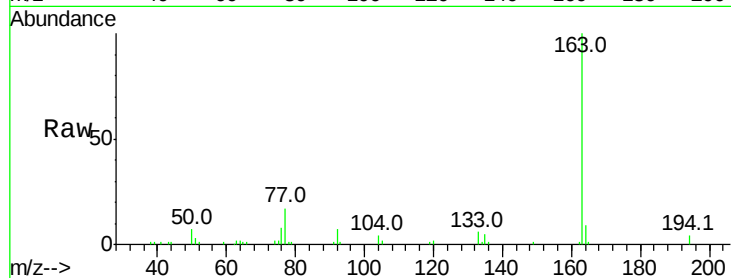




#49
Dimethylphthalate
Concen: 3.361 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

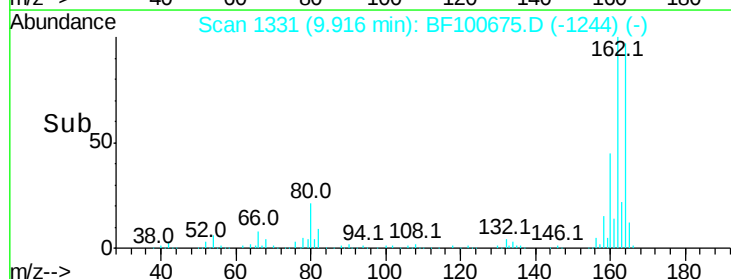
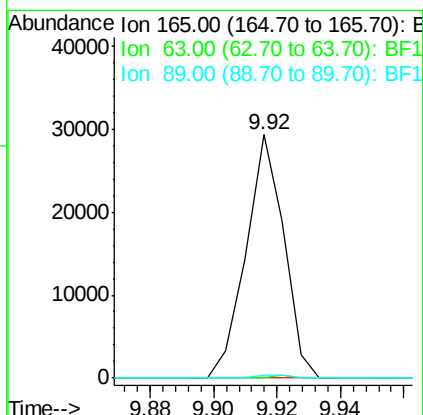
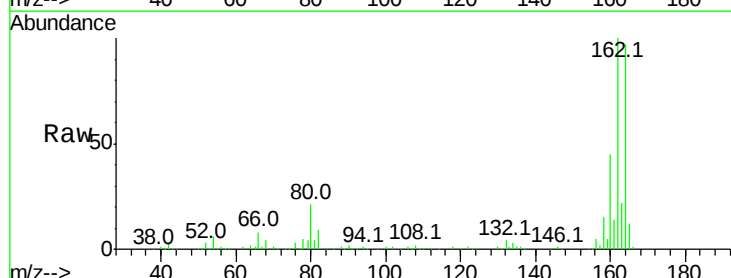
Instrument :
BNA_F
ClientSampleId :

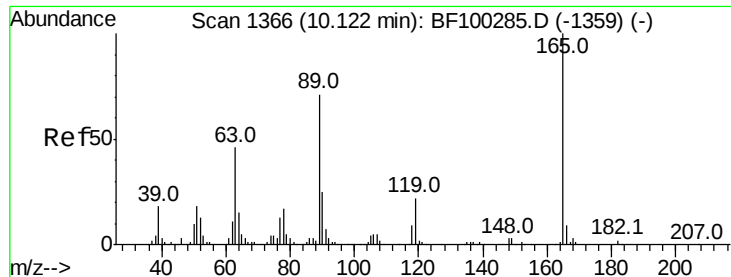
Tot Ion:163 Resp: 50210
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Tgt Ion:165 Resp: 24292
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.0 44.0 66.0#

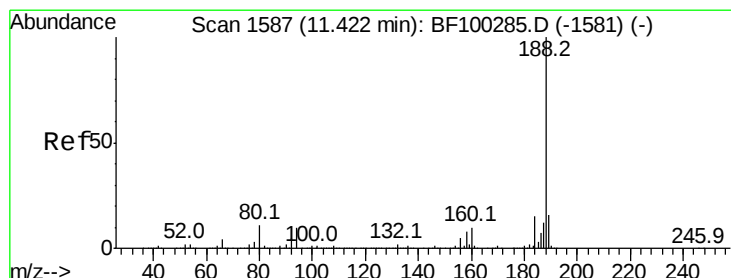
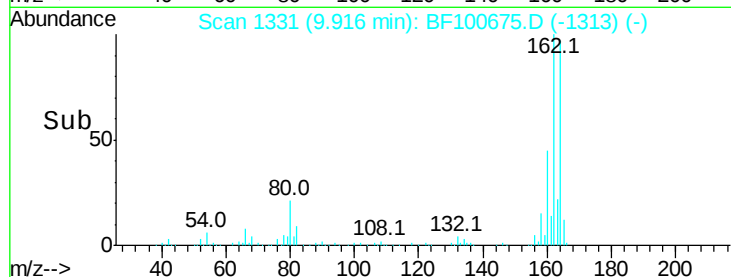
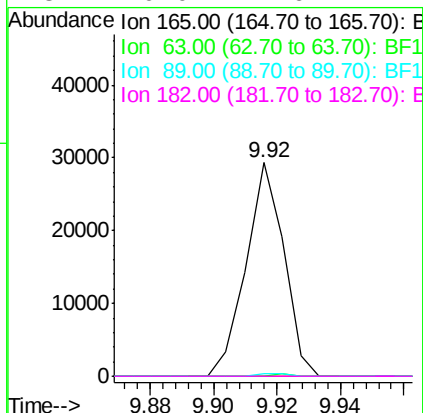
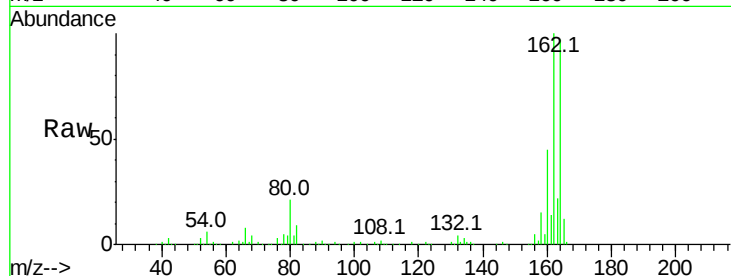




#56
 2,4-Dinitrotoluene
 Concen: 6.512 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100675.D
 Acq: 17 Nov 2017 14:51

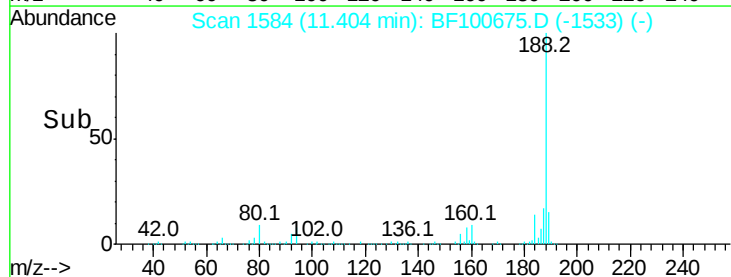
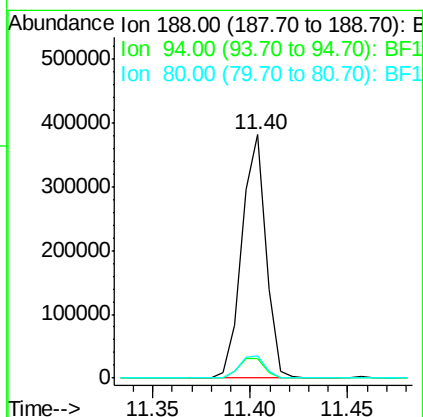
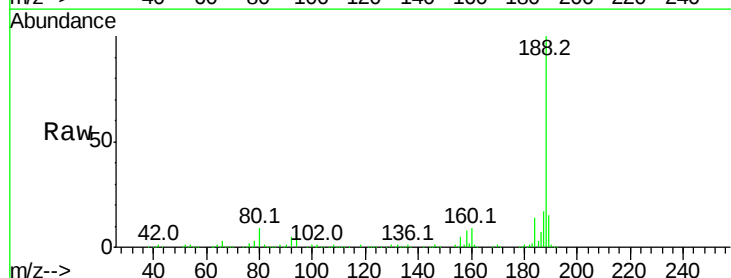
Instrument :
 BNA_F
 ClientSampleId :

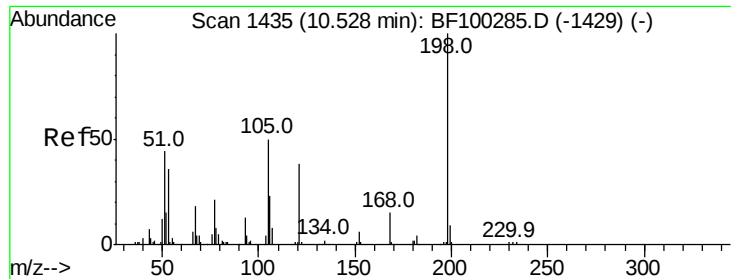
Tot Ion:165	Resp:	24292
Ion Ratio	Lower	Upper
165 100		
63 0.0	36.4	54.6#
89 1.0	57.8	86.6#
182 0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100675.D
 Acq: 17 Nov 2017 14:51

Tgt Ion:188	Resp:	327022
Ion Ratio	Lower	Upper
188 100		
94 8.3	8.5	12.7#
80 9.2	9.2	13.8#

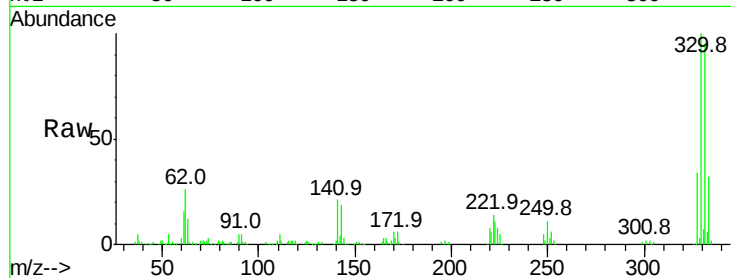




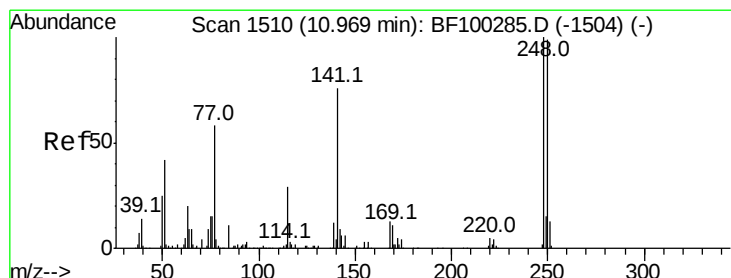
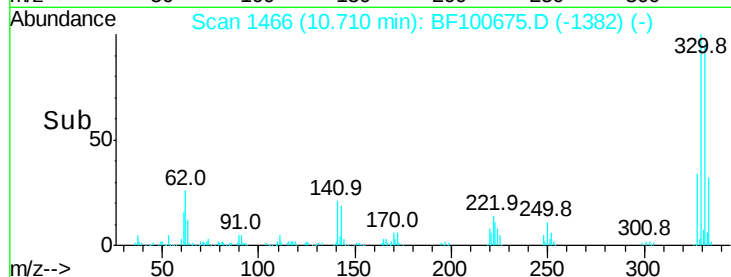
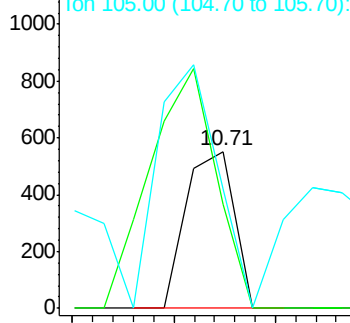
#64
4,6-Dinitro-2-methylphenol
Concen: 8.753 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 368
Ion Ratio Lower Upper
198 100
51 66.1 37.7 77.7
105 76.3 36.3 76.3

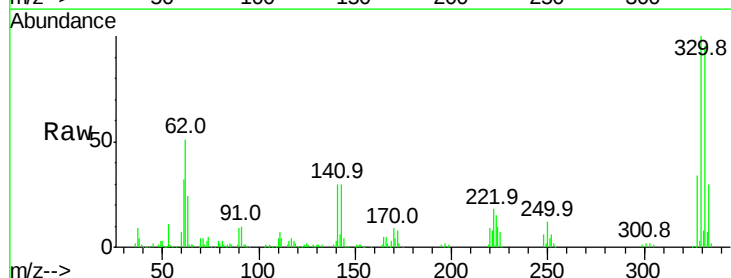


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

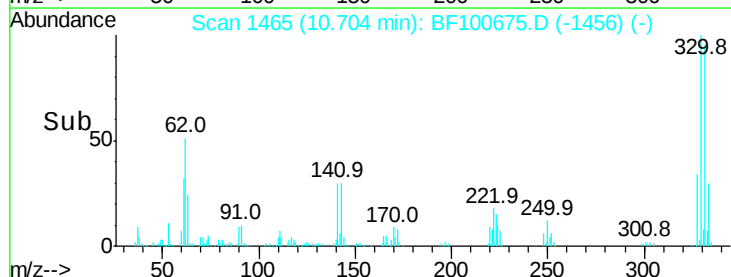
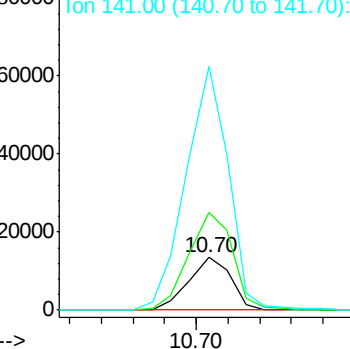


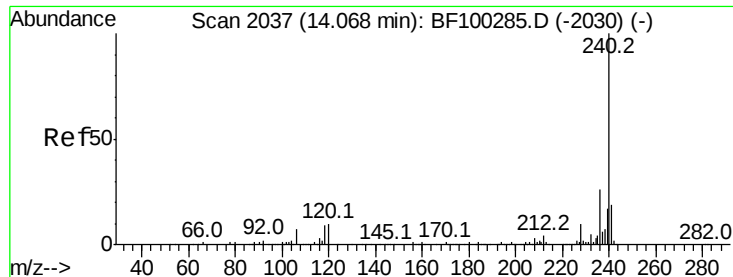
#66
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100675.D
Acq: 17 Nov 2017 14:51

Tgt Ion:248 Resp: 12356
Ion Ratio Lower Upper
248 100
250 185.5 76.9 115.3#
141 465.1 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: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

Instrument :

BNA_F

ClientSampleId :

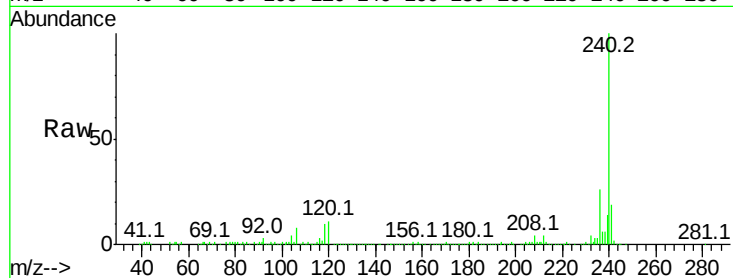
Tot Ion:240 Resp: 234931

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

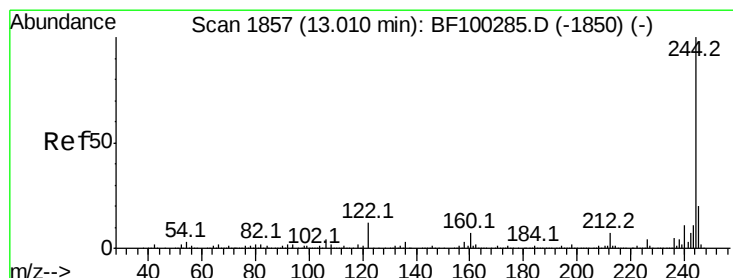
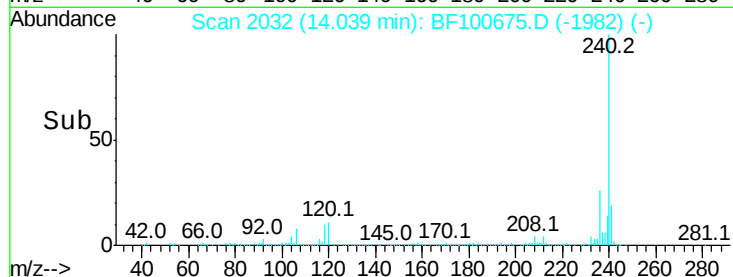
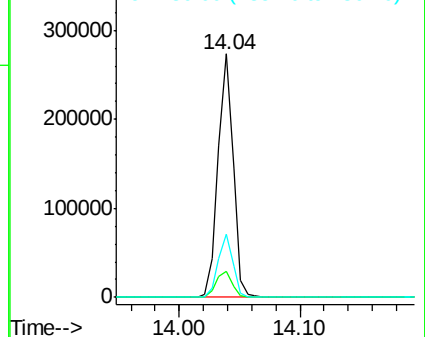
236 25.8 20.7 31.1



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: 63.115 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

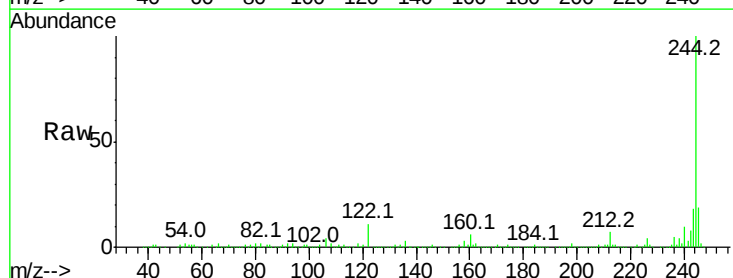
Tgt Ion:244 Resp: 645323

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

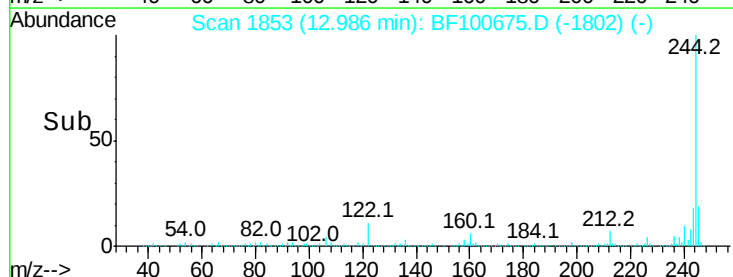
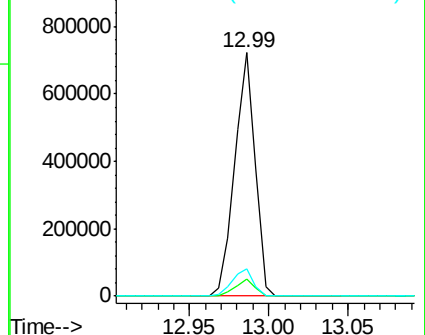
122 11.2 11.0 16.4

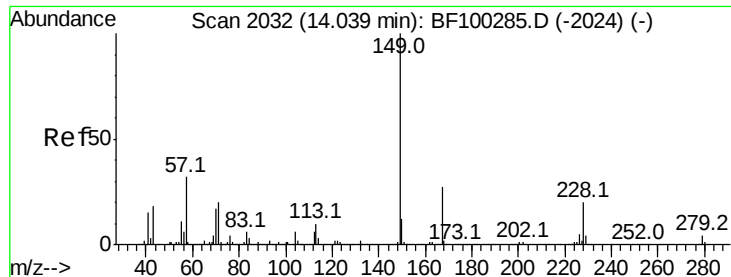


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.208 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

Instrument :

BNA_F

ClientSampleId :

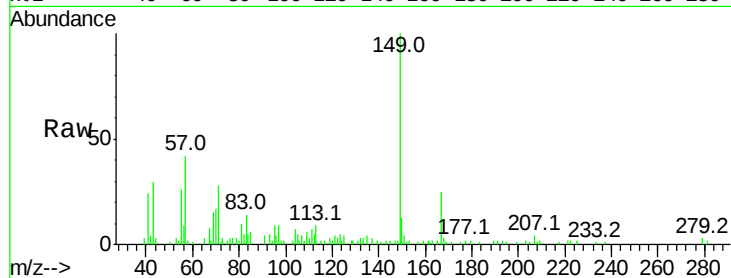
Tot Ion:149 Resp: 19836

Ion Ratio Lower Upper

149 100

167 25.2 21.3 31.9

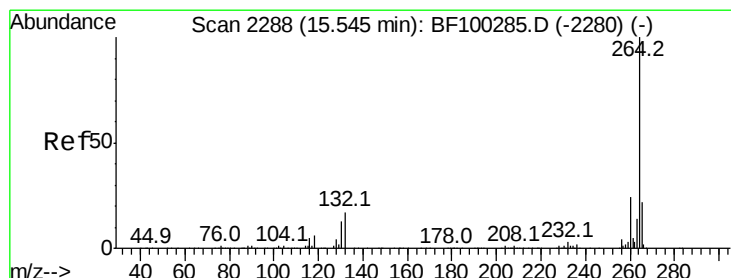
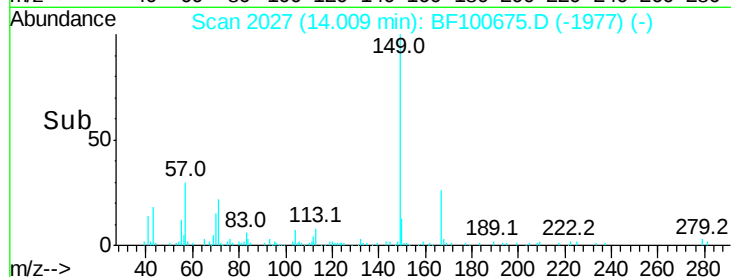
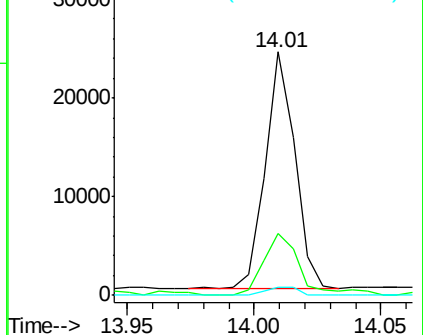
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100675.D

Acq: 17 Nov 2017 14:51

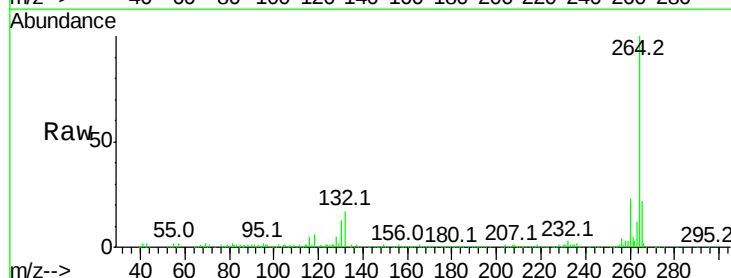
Tgt Ion:264 Resp: 250504

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.2 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

