

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100367.D
 Acq On : 10 Nov 2017 3:21
 Operator : SJ/JU
 Sample : I6346-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 04:25:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	177769	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	692511	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	295595	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	489549	20.00	ng	0.00
75) Chrysene-d12	14.06	240	336636	20.00	ng	0.00
86) Perylene-d12	15.54	264	339330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1276071	115.07	ng	0.02
7) Phenol-d6	6.53	99	1621672	118.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	989853	94.50	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	351064	116.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1572477	81.00	ng	0.00
78) Terphenyl-d14	13.01	244	1080469	73.75	ng	0.00

Target Compounds

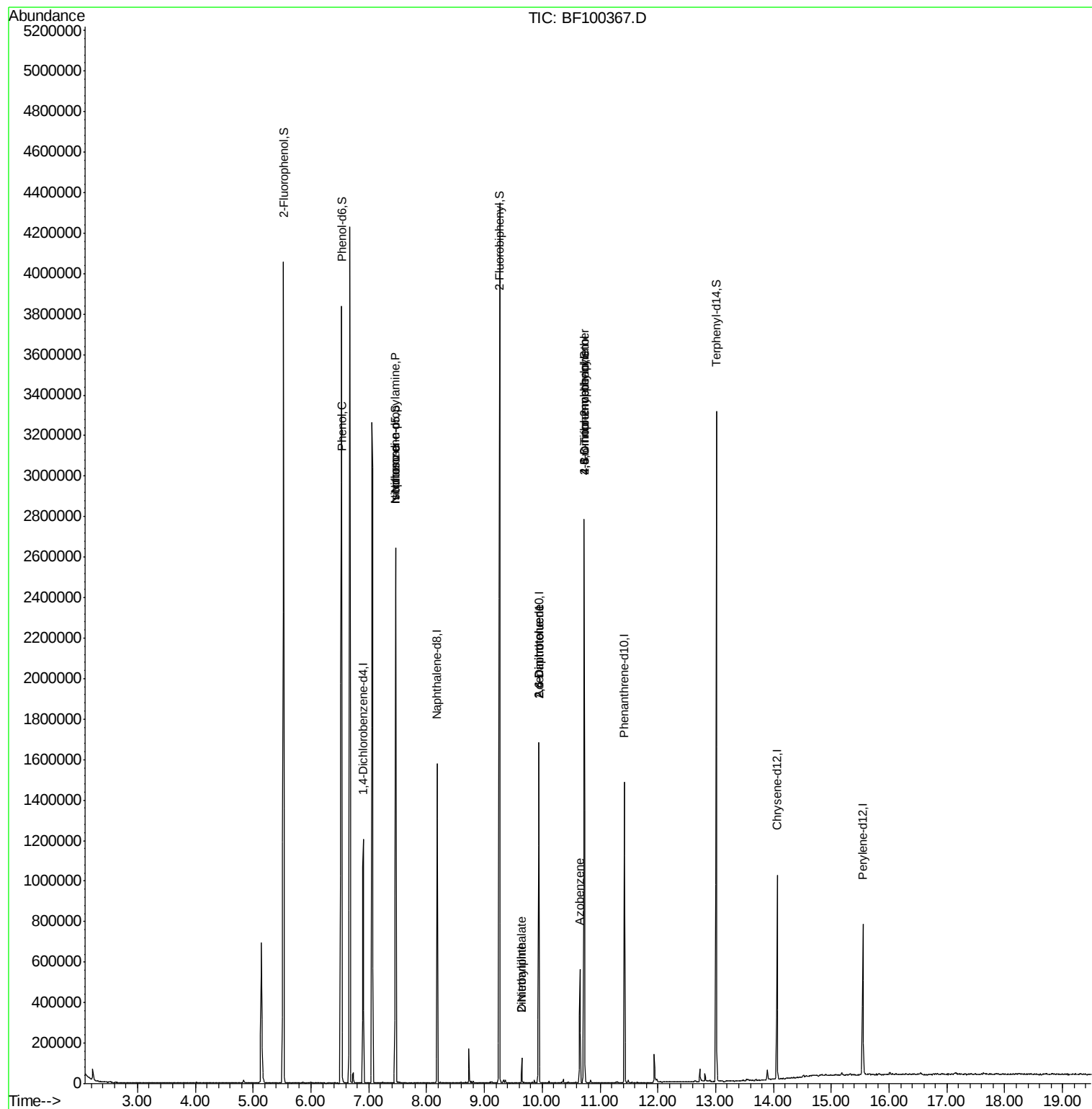
						Qvalue
10) Phenol	6.54	94	31110	2.167	ng	98
19) n-Nitroso-di-n-propylamine	7.46	70	133256	14.051	ng	# 83
25) Isophorone	7.46	82	989495	44.953	ng	# 64
47) 2-Nitroaniline	9.65	65	270	2.830	ng	# 1
49) Dimethylphthalate	9.65	163	45397	2.011	ng	99
50) 2,6-Dinitrotoluene	9.94	165	38359	8.586	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	38359	6.806	ng	# 24
62) Azobenzene	10.65	77	86491	4.066	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	676	8.795	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	21563	4.109	ng	# 1

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

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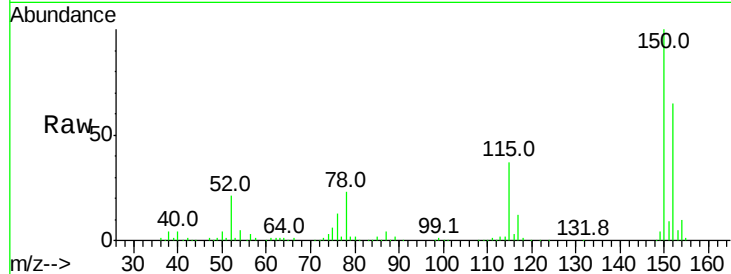


#1

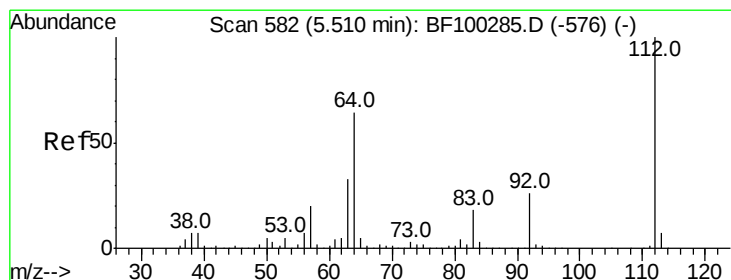
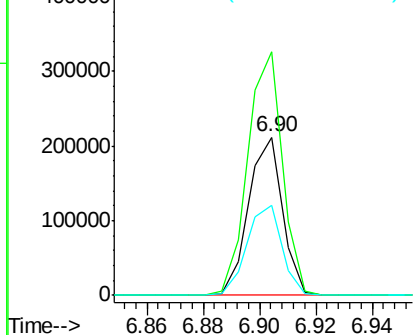
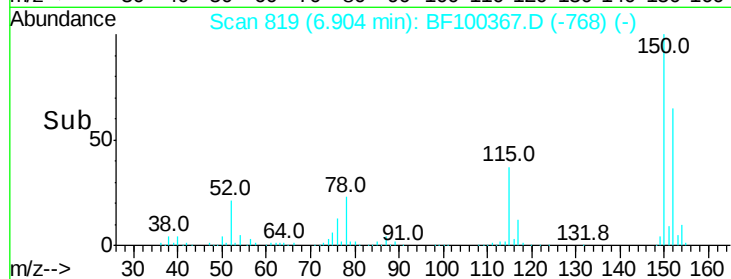
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 177769
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 56.7 50.1 75.1



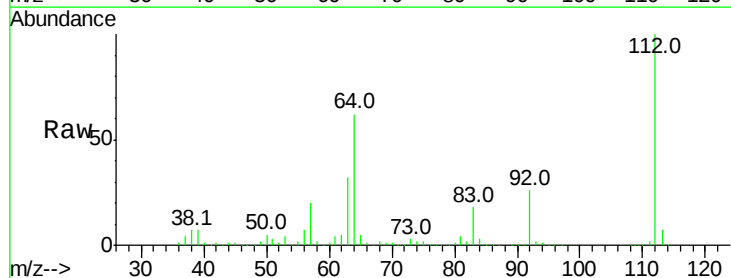
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



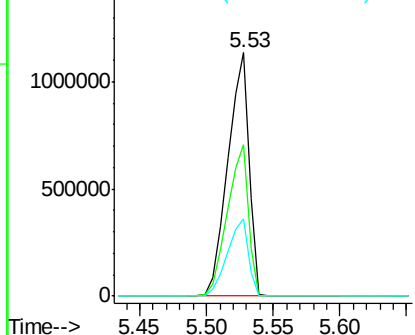
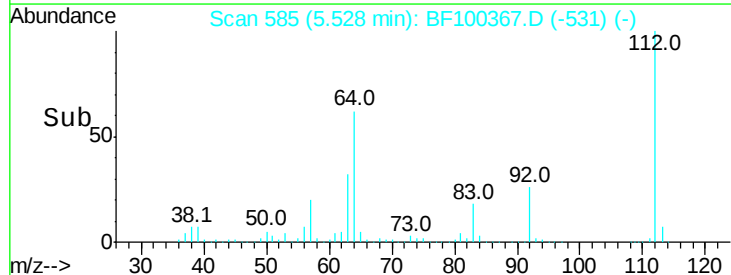
#5

2-Fluorophenol
Concen: 115.067 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:112 Resp: 1276071
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 31.9 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: 118.584 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

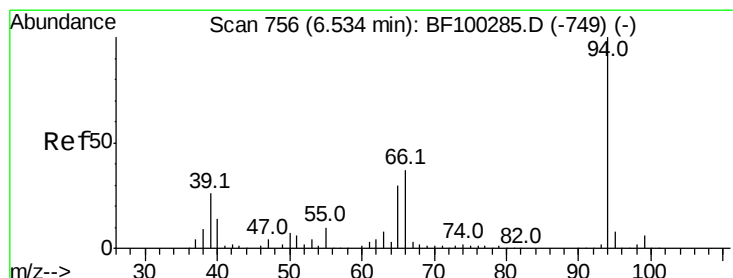
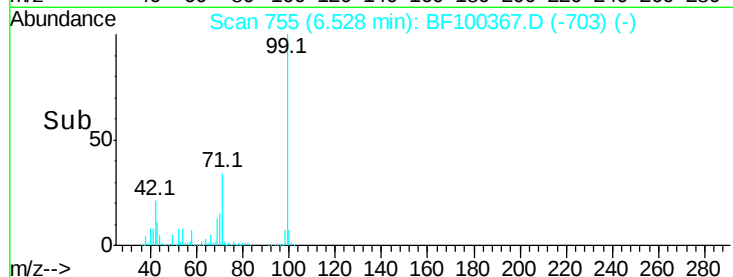
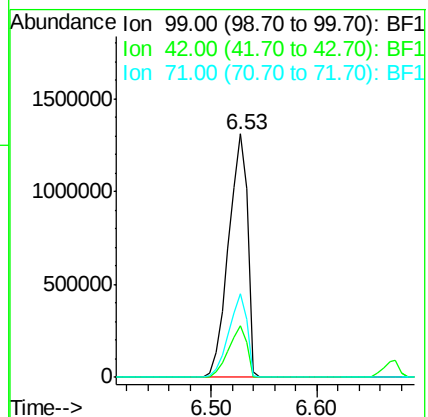
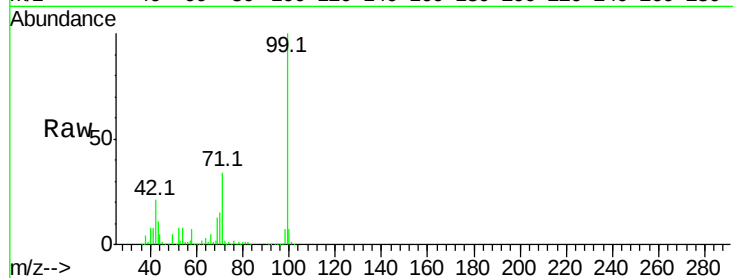
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1621672

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.2	25.4	38.0



#10

Phenol

Concen: 2.167 ng

RT: 6.54 min Scan# 757

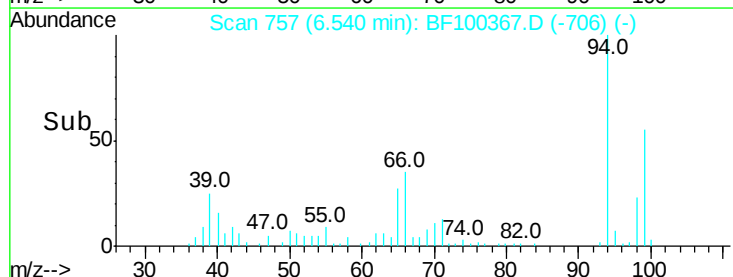
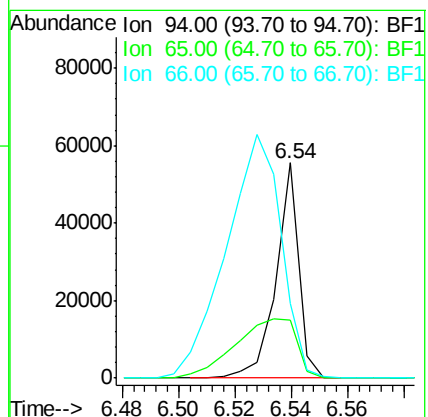
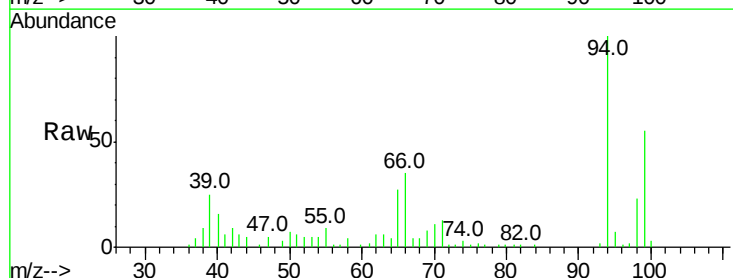
Delta R.T. 0.00 min

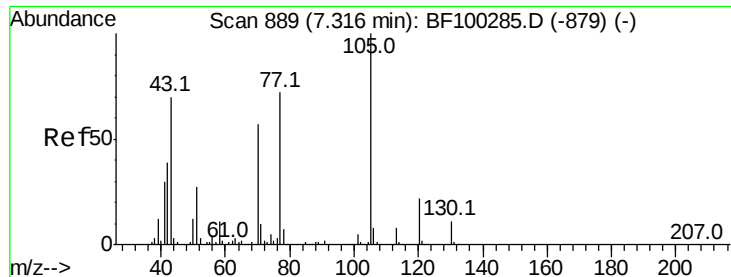
Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

Tgt Ion: 94 Resp: 31110

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	35.0	16.2	56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.051 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 133256

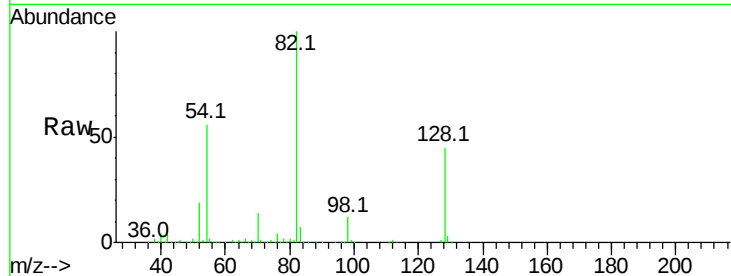
Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

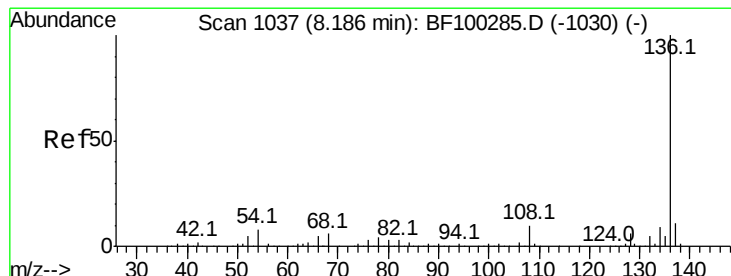
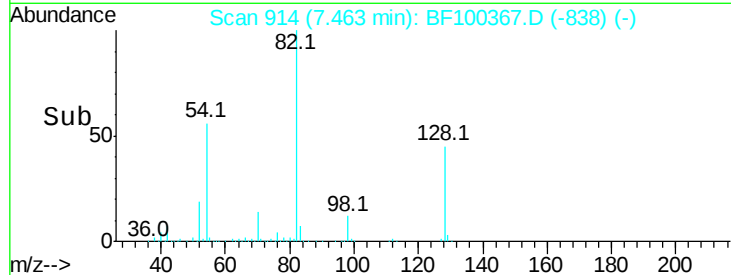
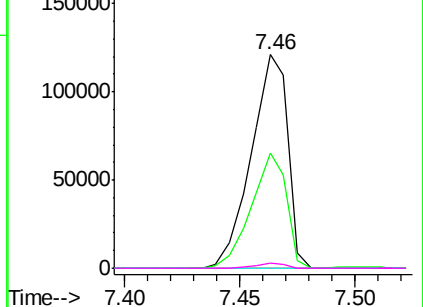


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

Tgt Ion: 136 Resp: 692511

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.2 6.6 9.8

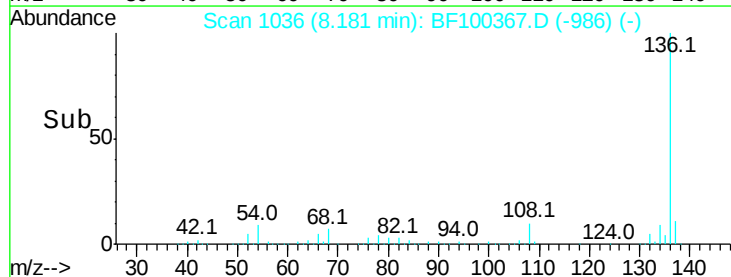
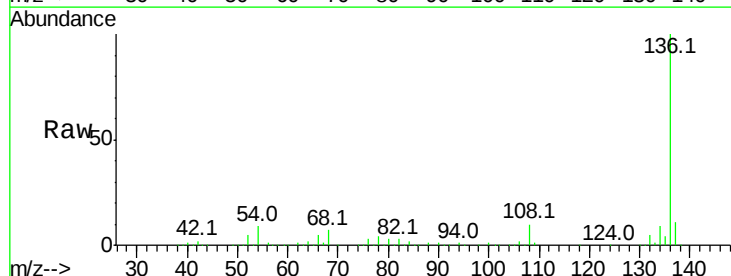
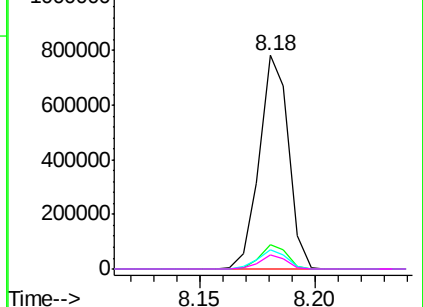
68 6.9 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

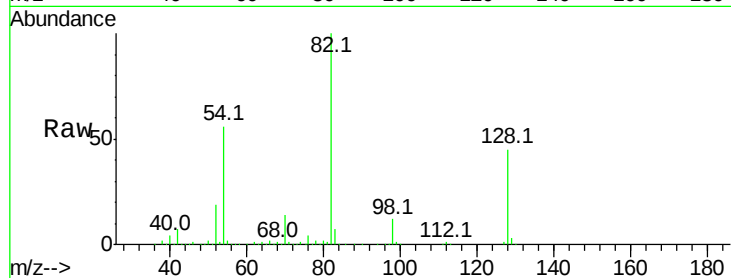




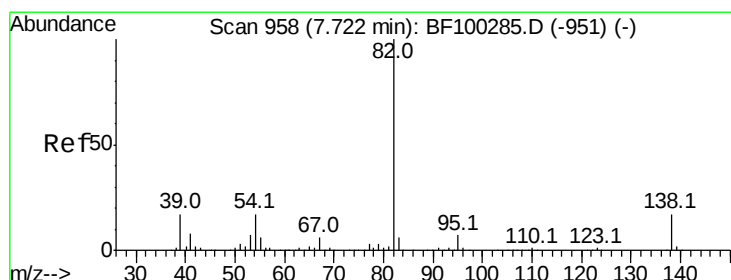
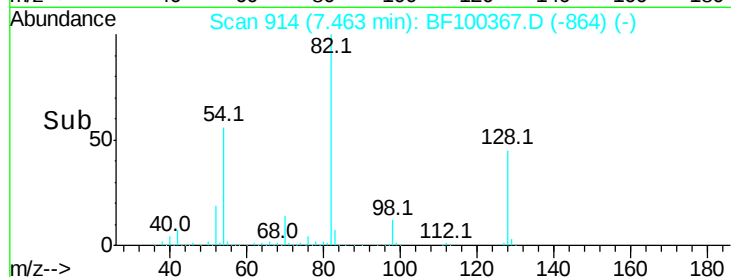
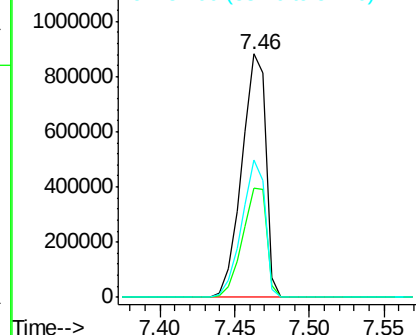
#23
 Nitrobenzene-d5
 Concen: 94.500 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100367.D
 Acq: 10 Nov 2017 3:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	989853
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	56.3	41.4	62.2

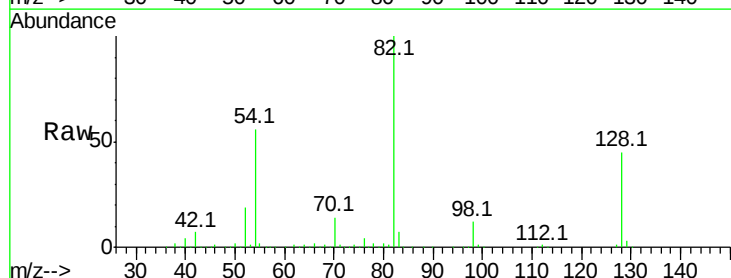


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

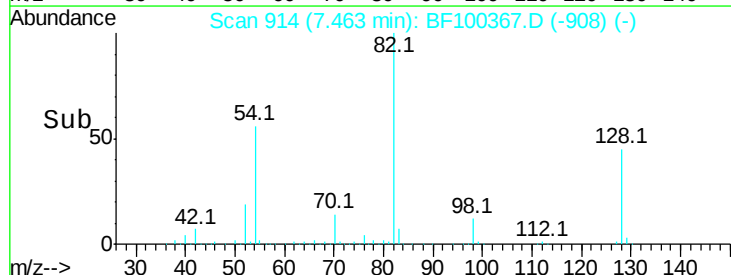
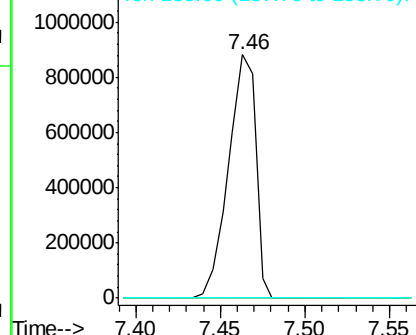


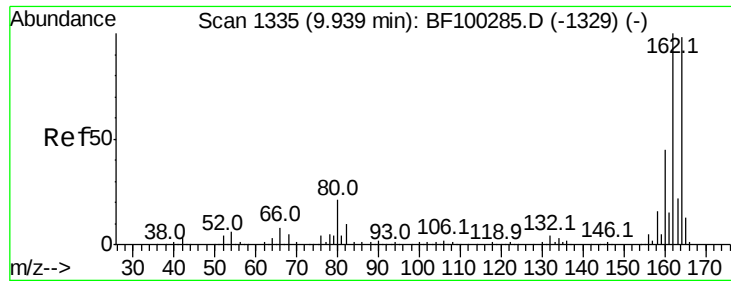
#25
 Isophorone
 Concen: 44.953 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100367.D
 Acq: 10 Nov 2017 3:21

Tgt Ion	82	Resp	989495
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: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

Instrument :

BNA_F

ClientSampleId :

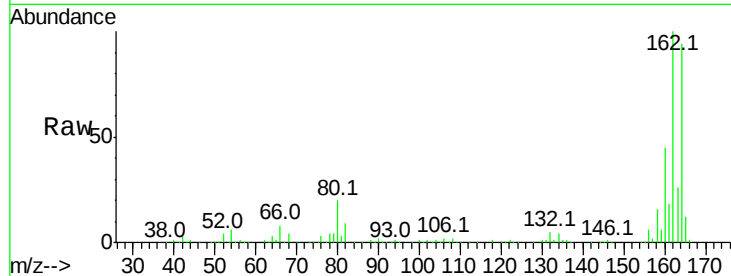
Tot Ion:164 Resp: 295595

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

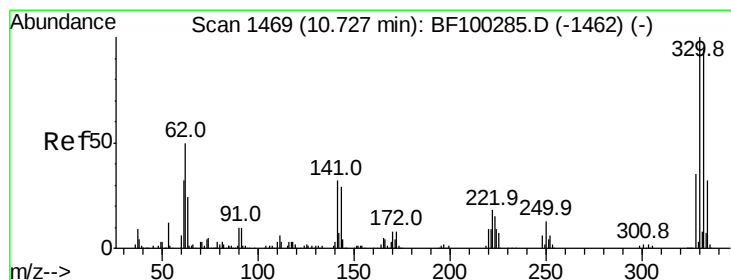
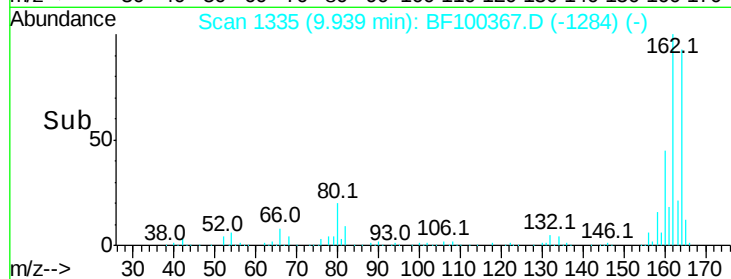
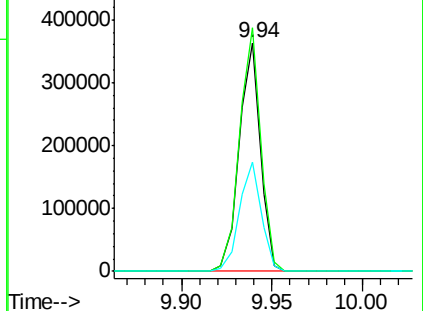
160 47.8 38.3 57.5



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: 116.551 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

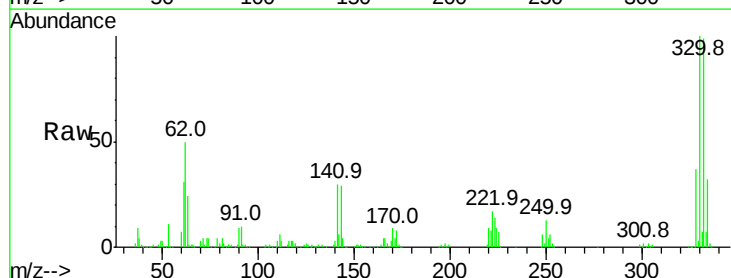
Tgt Ion:330 Resp: 351064

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

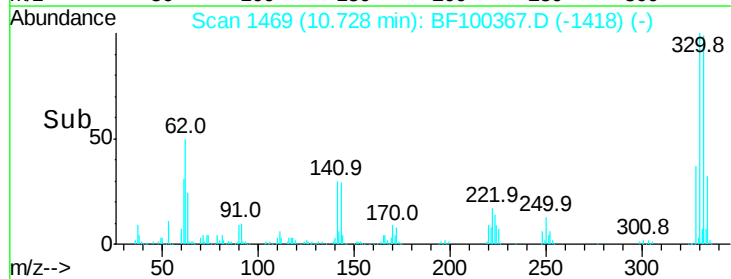
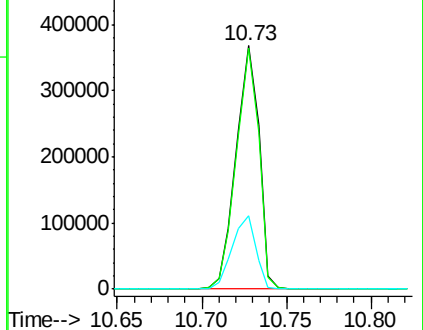
141 30.8 29.9 44.9

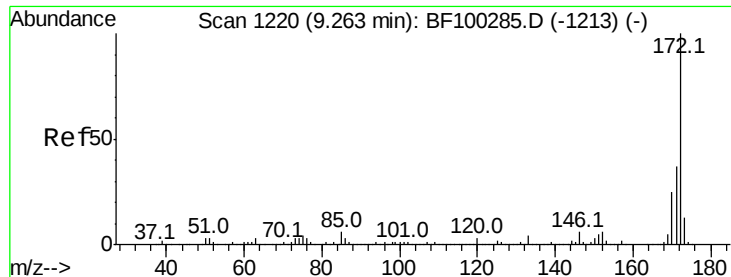


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

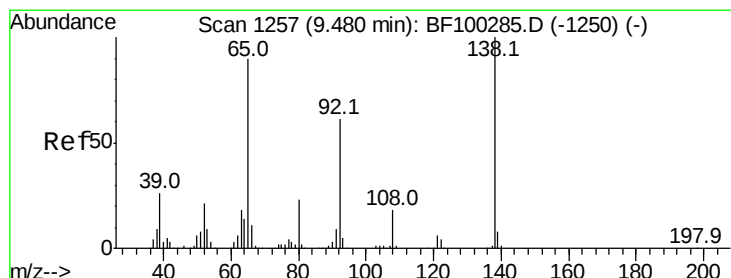
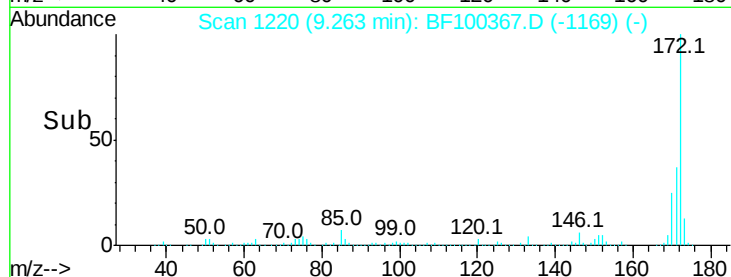
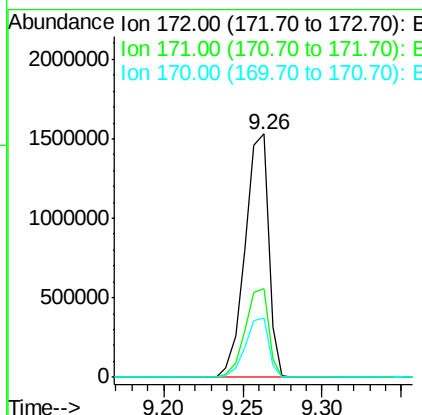
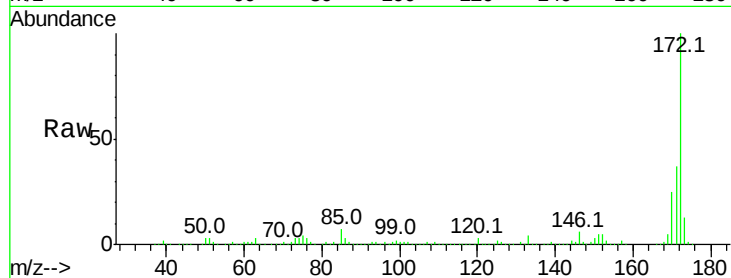




#44
 2-Fluorobiphenyl
 Concen: 81.004 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100367.D
 Acq: 10 Nov 2017 3:21

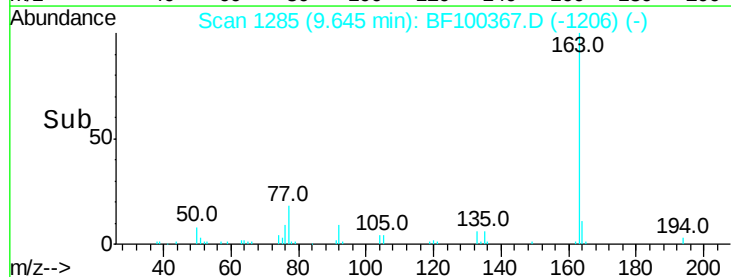
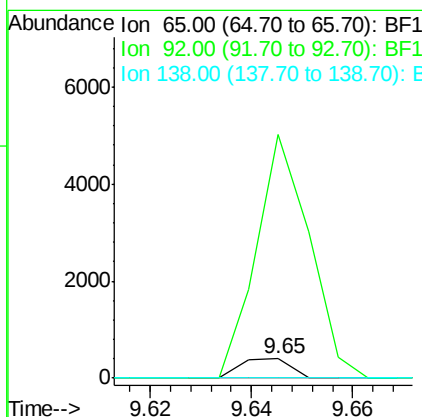
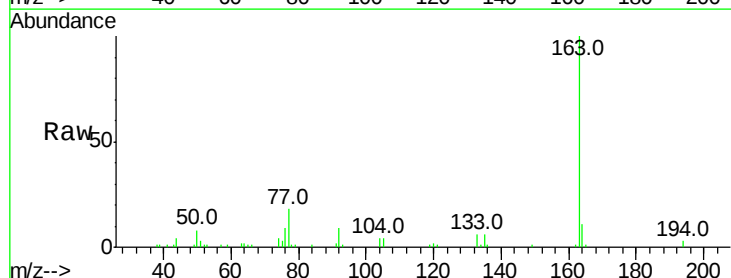
Instrument :
 BNA_F
 ClientSampleId :

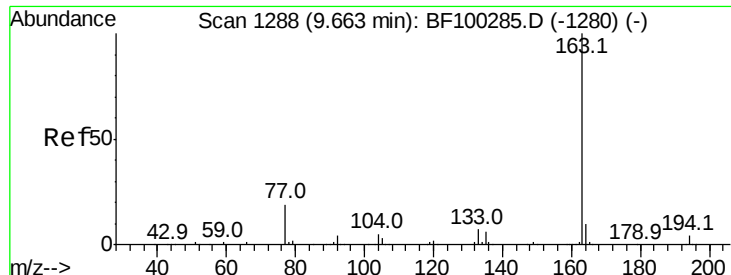
Tot Ion:172 Resp: 1572477
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.830 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100367.D
 Acq: 10 Nov 2017 3:21

Tgt Ion: 65 Resp: 270
 Ion Ratio Lower Upper
 65 100
 92 1261.1 55.8 83.6#
 138 0.0 91.2 136.8#

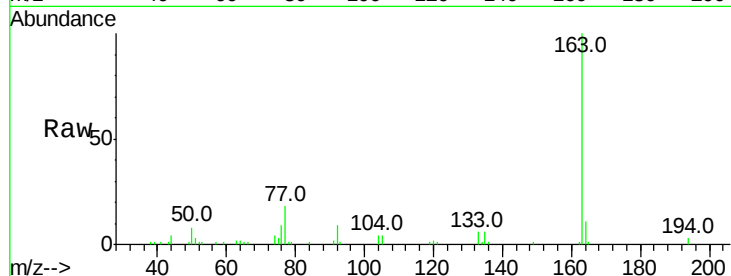




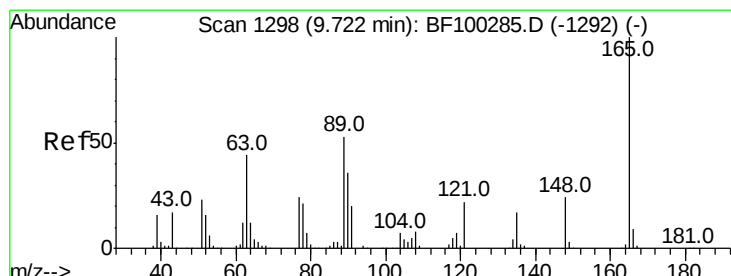
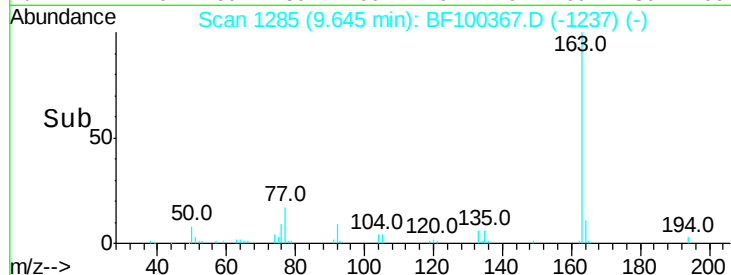
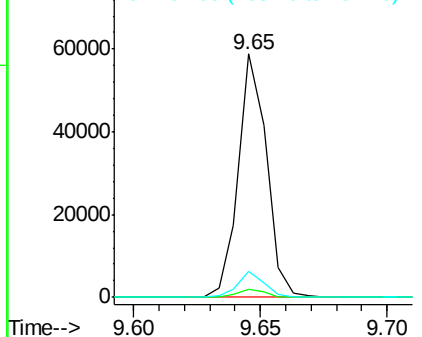
#49
Dimethylphthalate
Concen: 2.011 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.8	8.2	12.2

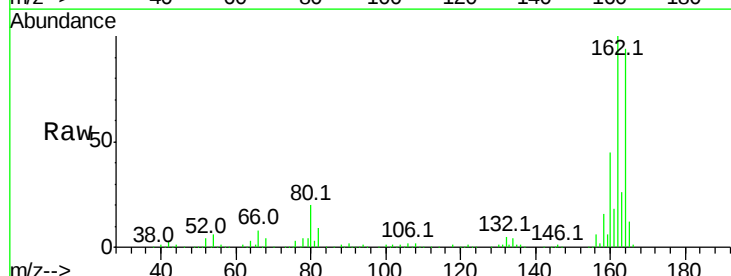


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

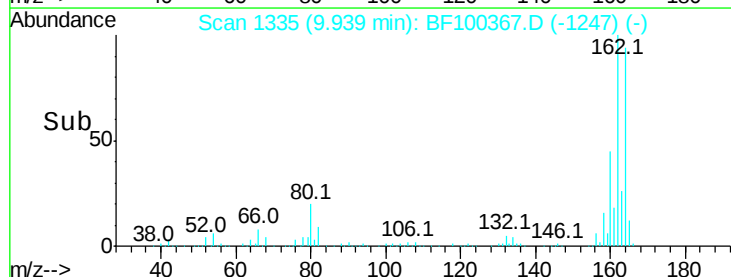
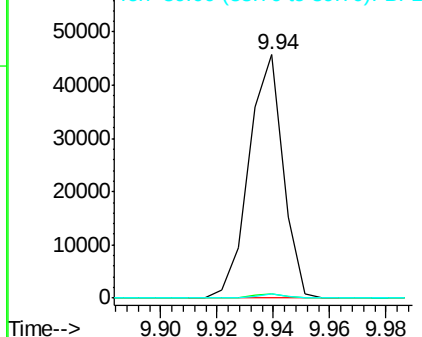


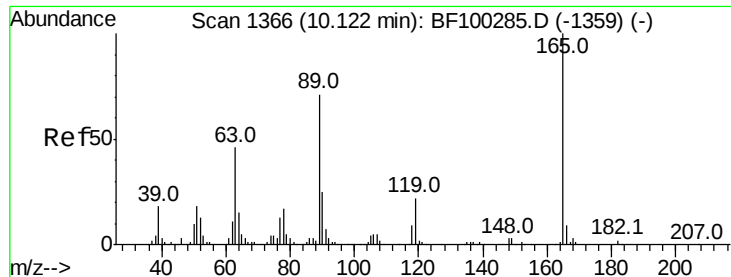
#50
2,6-Dinitrotoluene
Concen: 8.586 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.6	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

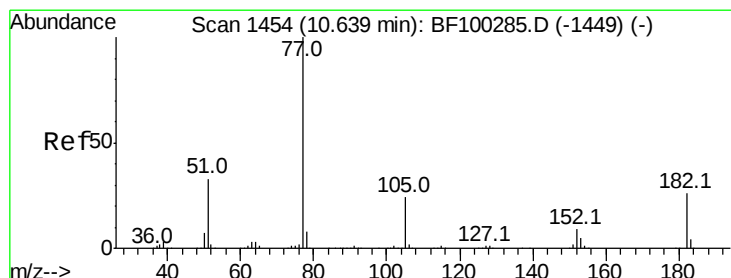
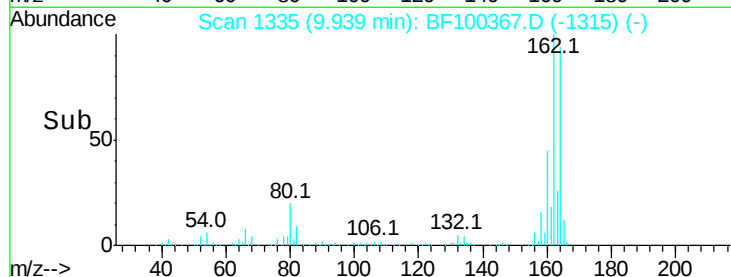
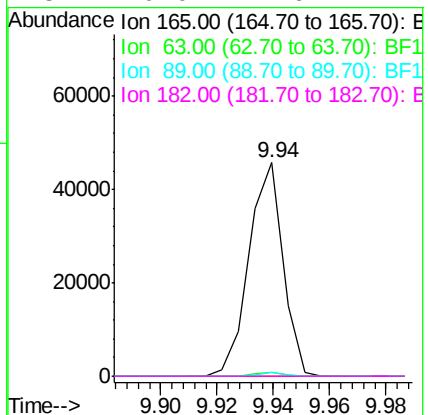
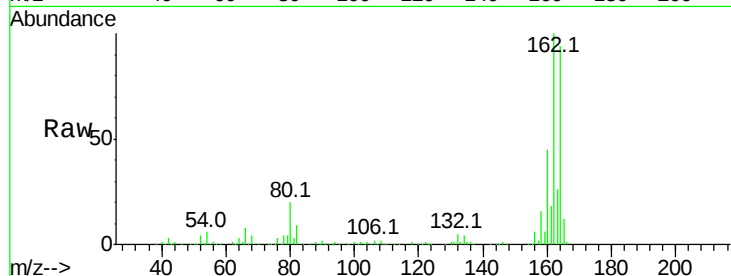




#56
2,4-Dinitrotoluene
Concen: 6.806 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

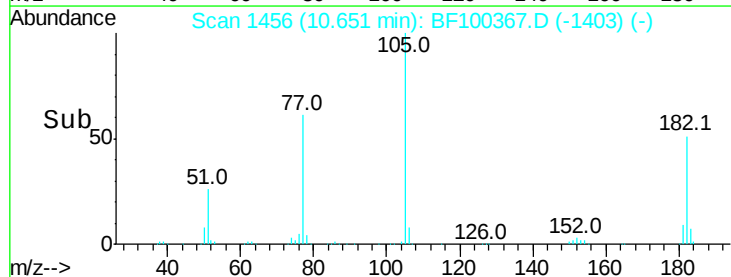
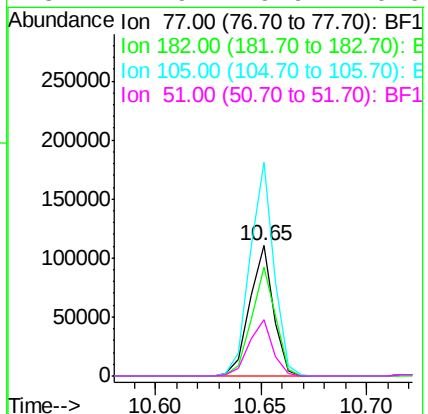
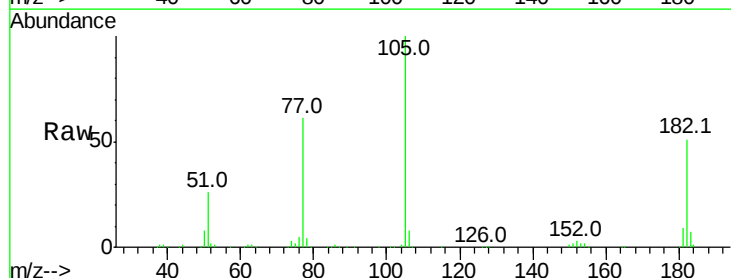
Instrument :
BNA_F
ClientSampleId :

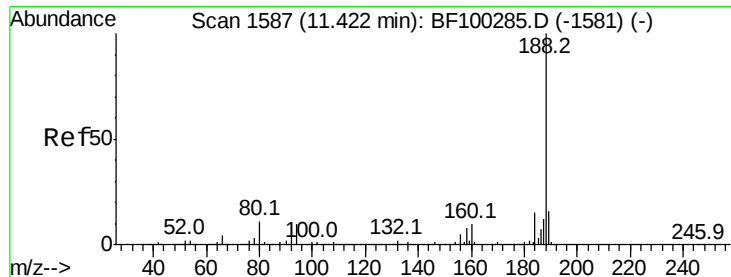
Tot Ion:	165	Resp:	38359
Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#62
Azobenzene
Concen: 4.066 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:	77	Resp:	86491
Ion	Ratio	Lower	Upper
77	100		
182	83.9	1.7	41.7#
105	164.1	3.0	43.0#
51	42.9	9.9	49.9

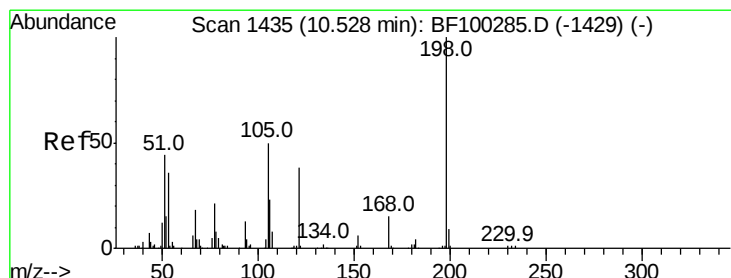
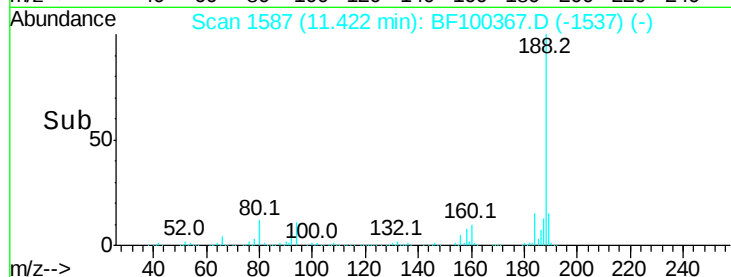
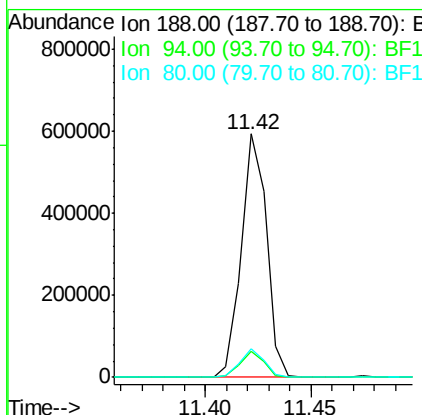
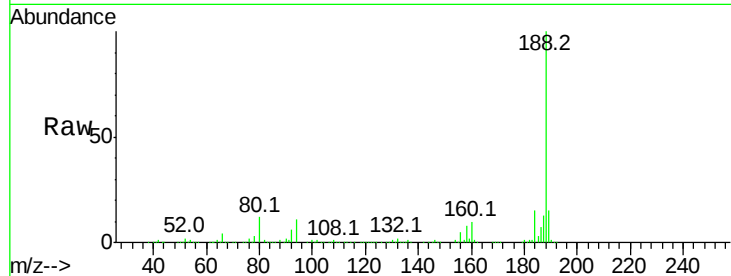




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

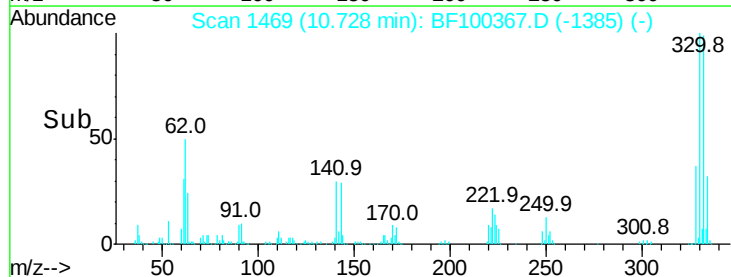
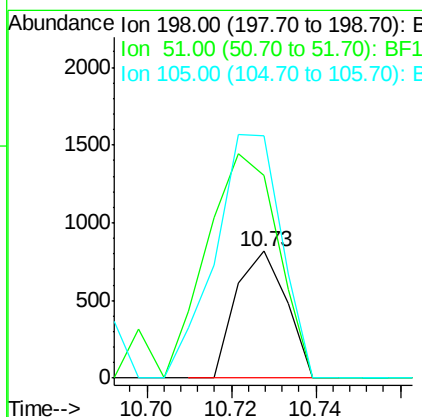
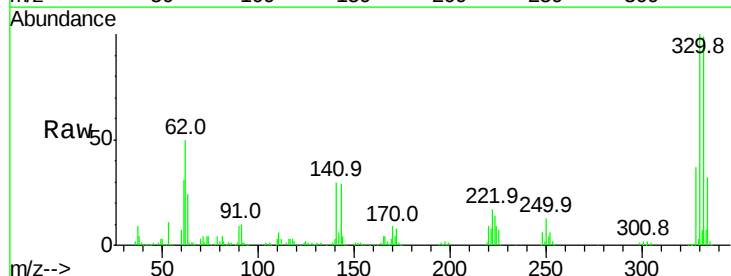
Instrument :
BNA_F
ClientSampleId :

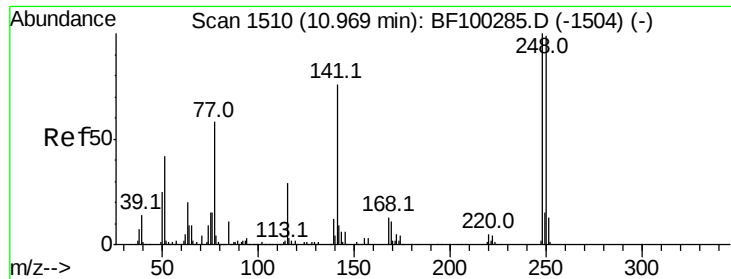
Tot Ion:188 Resp: 489549
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.795 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:198 Resp: 676
Ion Ratio Lower Upper
198 100
51 160.0 37.7 77.7#
105 190.7 36.3 76.3#

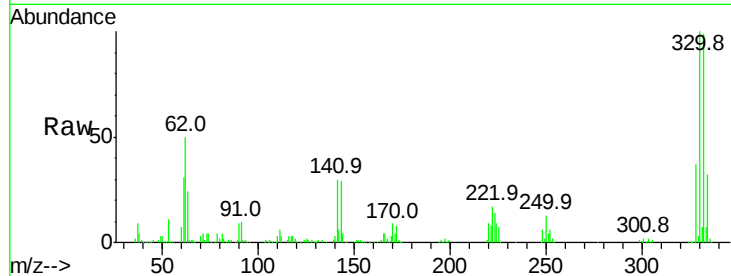




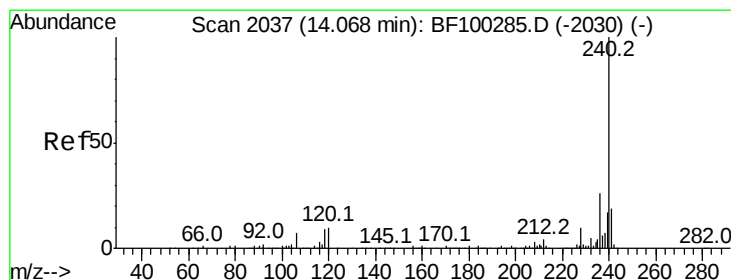
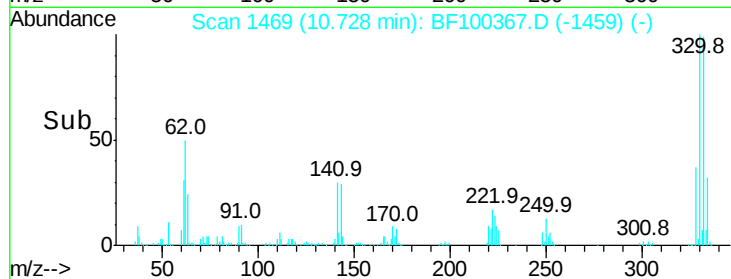
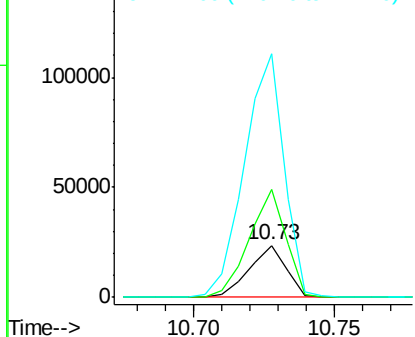
#66
4-Bromophenyl-phenylether
Concen: 4.109 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21563
Ion Ratio Lower Upper
248 100
250 208.0 76.9 115.3#
141 469.1 74.4 111.6#

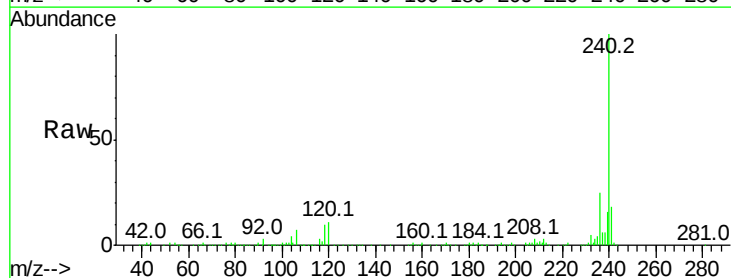


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

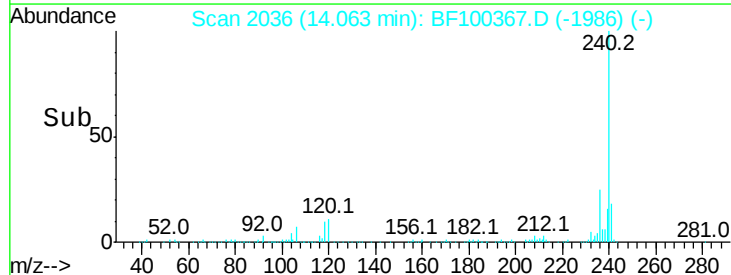
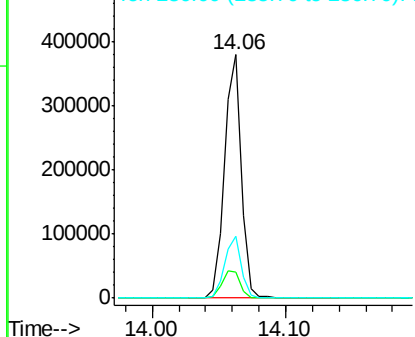


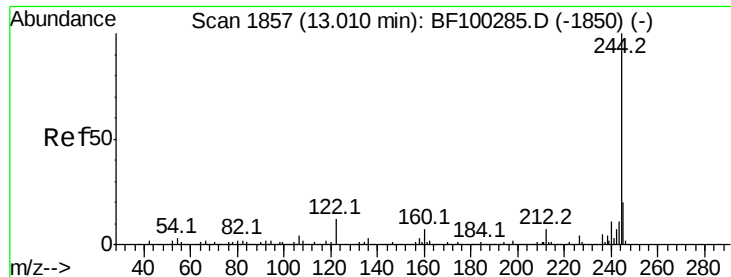
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:240 Resp: 336636
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.4 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: 73.747 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

Instrument :

BNA_F

ClientSampleId :

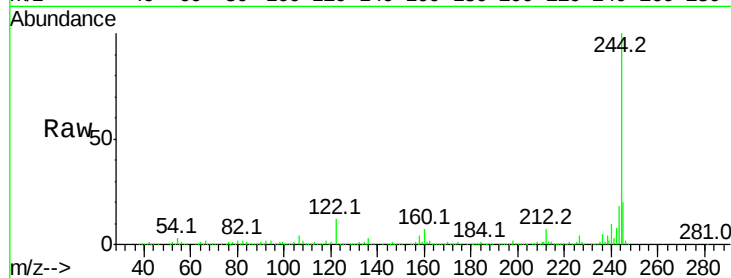
Tot Ion:244 Resp: 1080469

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

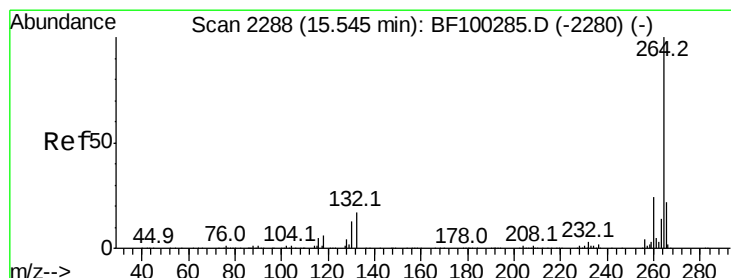
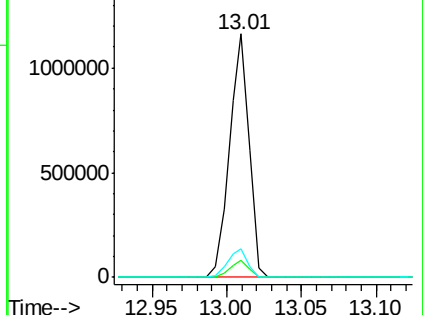
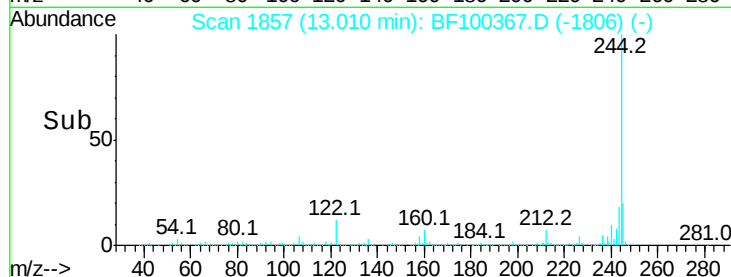
122 11.6 11.0 16.4



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: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100367.D

Acq: 10 Nov 2017 3:21

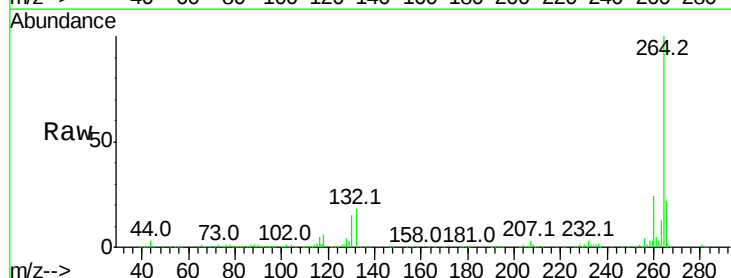
Tgt Ion:264 Resp: 339330

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 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

