

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100375.D
 Acq On : 10 Nov 2017 7:51
 Operator : SJ/JU
 Sample : I6355-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 10:50:19 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

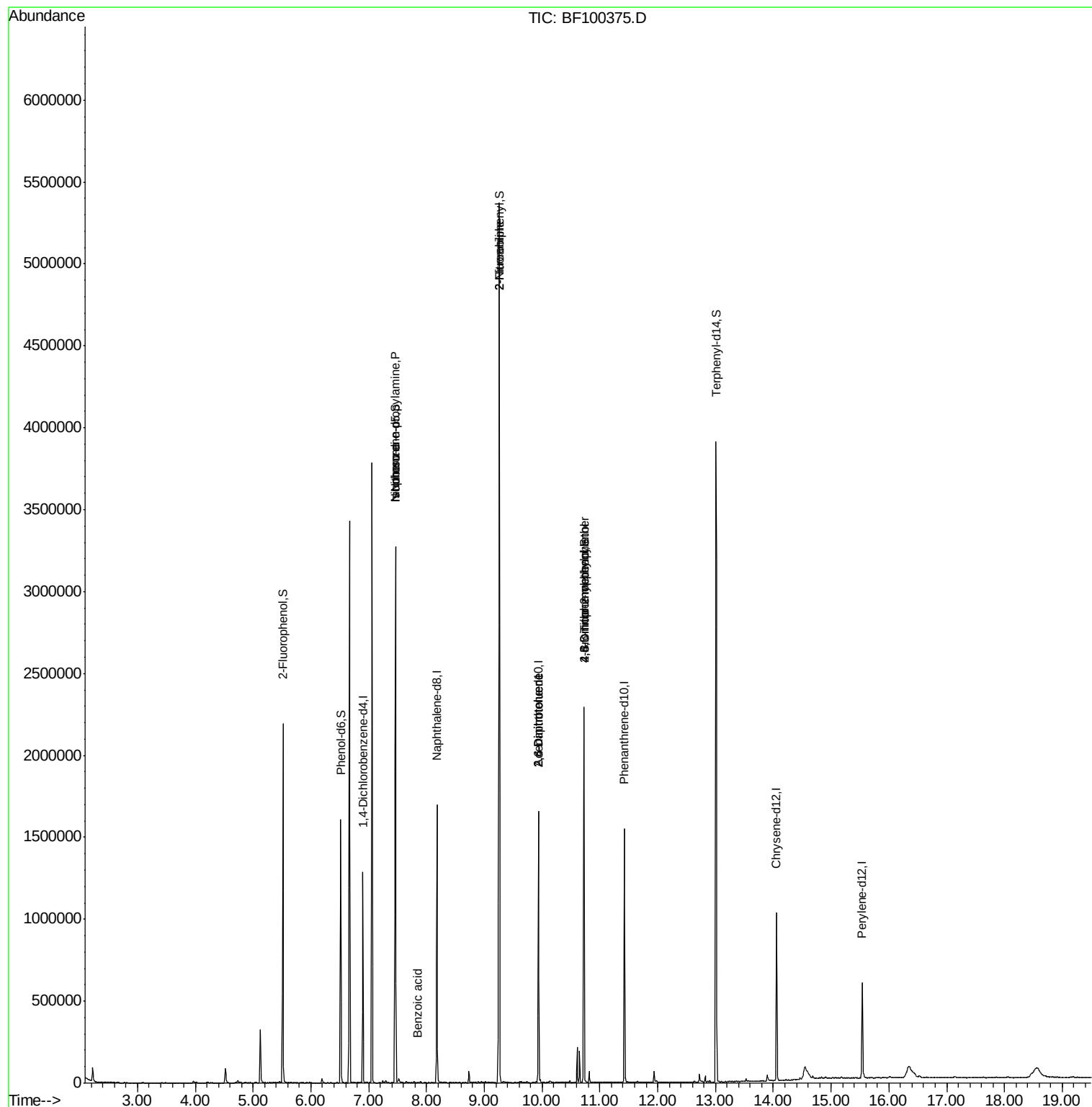
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	189303	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	716438	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	319333	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	522683	20.00	ng	0.00
75) Chrysene-d12	14.06	240	347584	20.00	ng	-0.01
86) Perylene-d12	15.54	264	285024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	567345	48.04	ng	0.00
7) Phenol-d6	6.52	99	466183	32.01	ng	0.00
23) Nitrobenzene-d5	7.47	82	1192651	110.06	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	299722	92.11	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1957637	93.35	ng	0.00
78) Terphenyl-d14	13.01	244	1373420	90.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	158663	15.710	ng	# 82
25) Isophorone	7.47	82	1190321	52.271	ng	# 64
32) Benzoic acid	7.85	122	236	9.395	ng	# 40
47) 2-Nitroaniline	9.26	65	3028	3.266	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	41051	8.506	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	41051	6.742	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	585	8.752	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	19129	3.414	ng	# 1

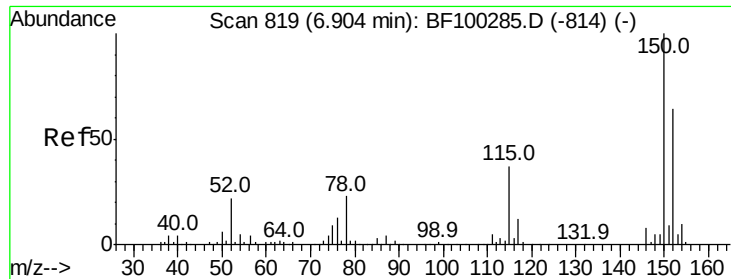
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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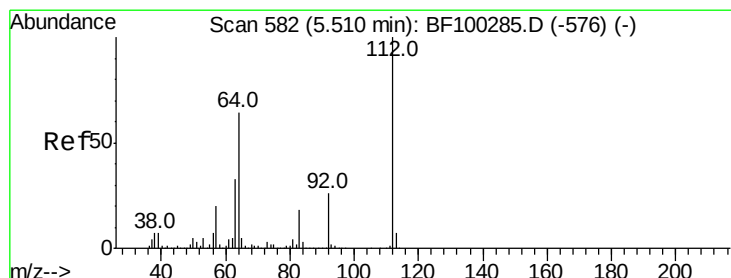
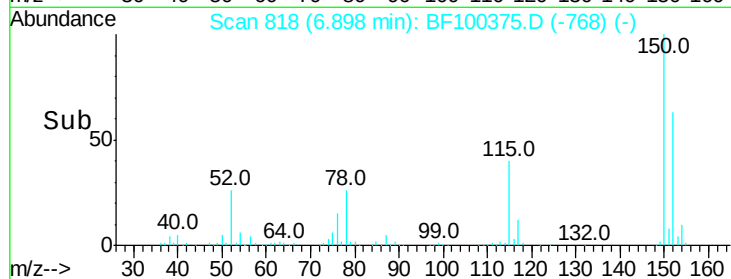
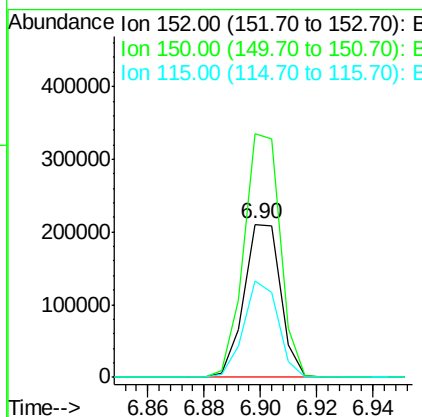
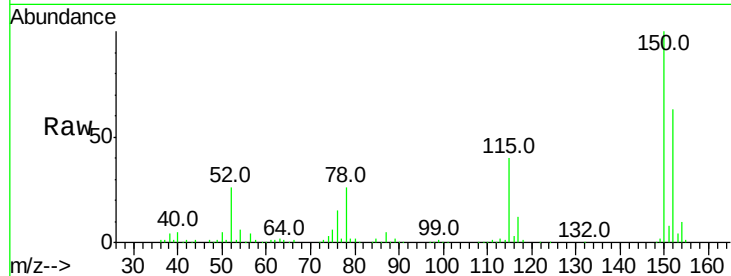


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

Instrument :
BNA_F
ClientSampled :

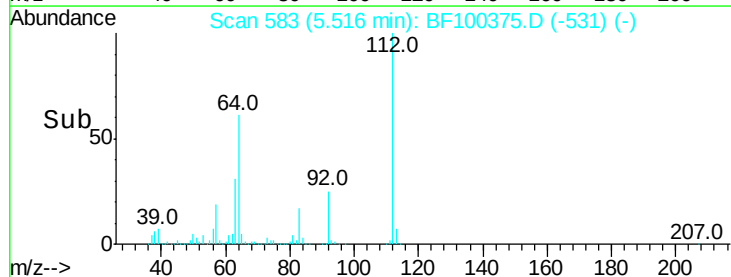
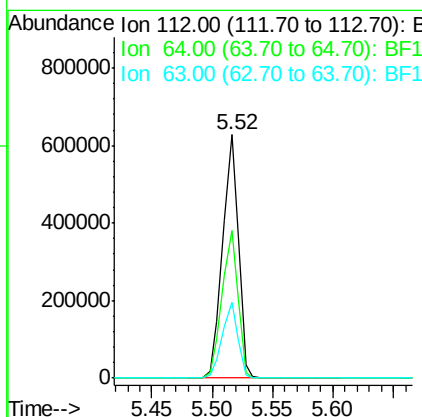
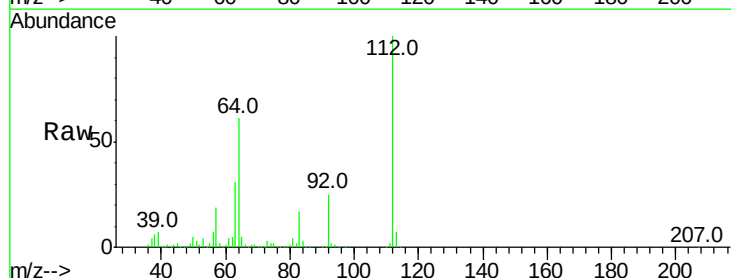
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	63.1	50.1	75.1

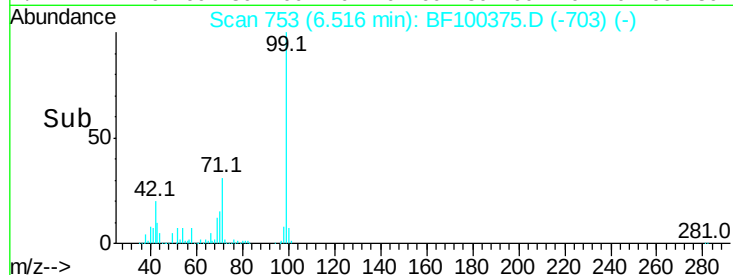
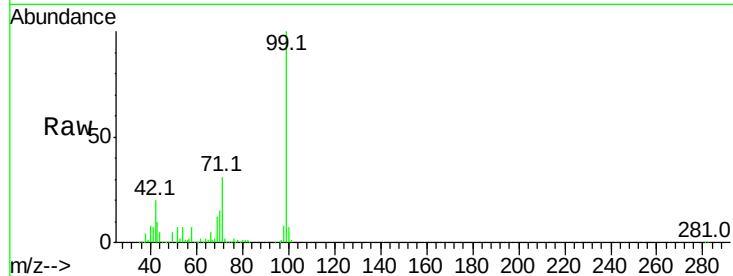
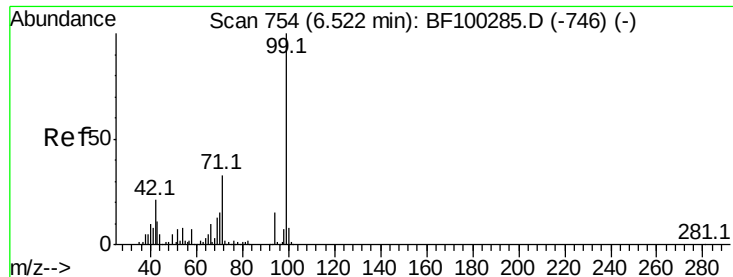


#5

2-Fluorophenol
Concen: 48.042 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 32.012 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Instrument :

BNA_F

ClientSampleId :

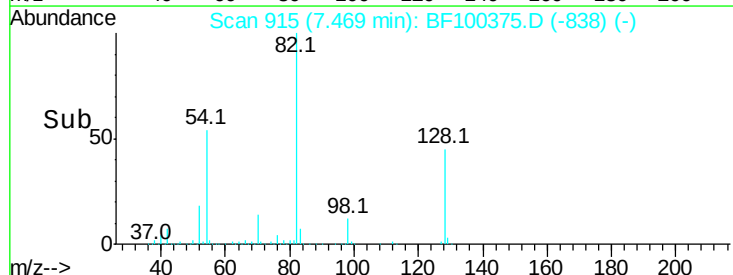
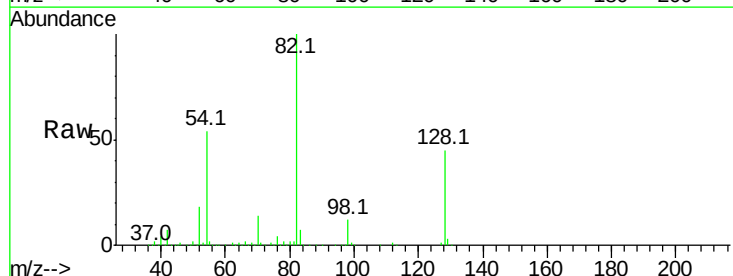
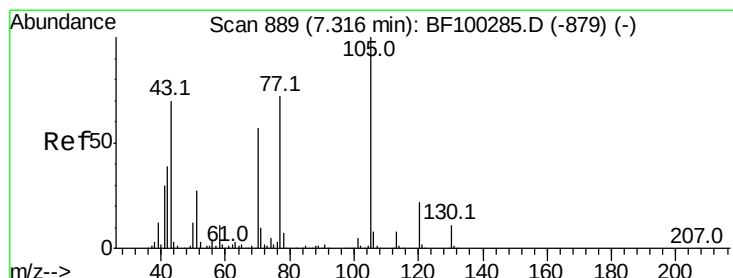
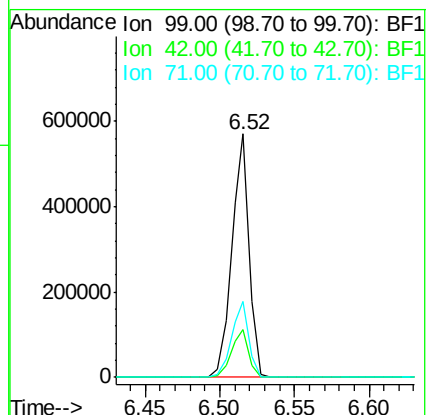
Tot Ion: 99 Resp: 466183

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: 15.710 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Tgt Ion: 70 Resp: 158663

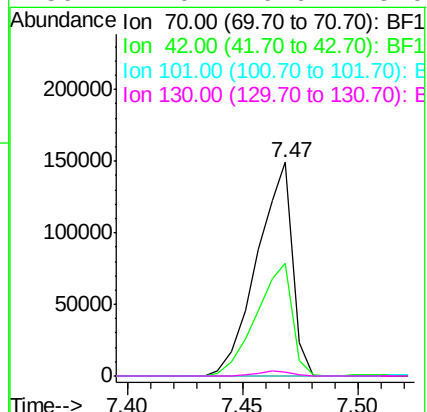
Ion Ratio Lower Upper

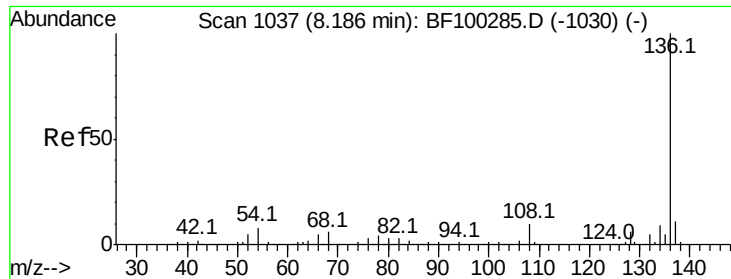
70 100

42 52.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

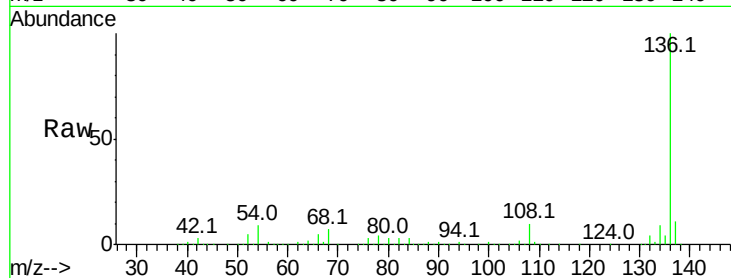




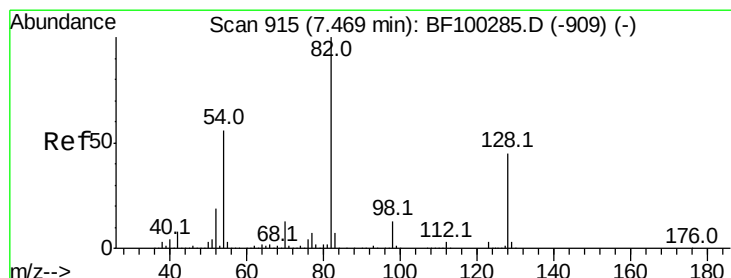
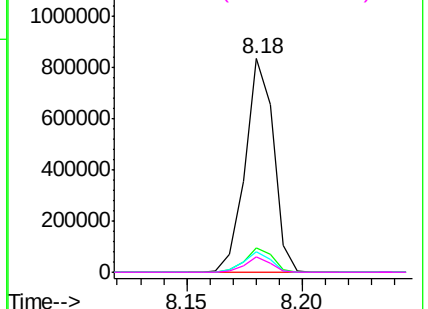
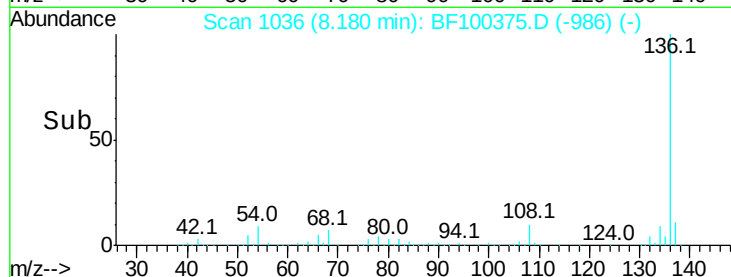
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	716438
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	9.4	6.6 9.8
68	7.3	5.0 7.4

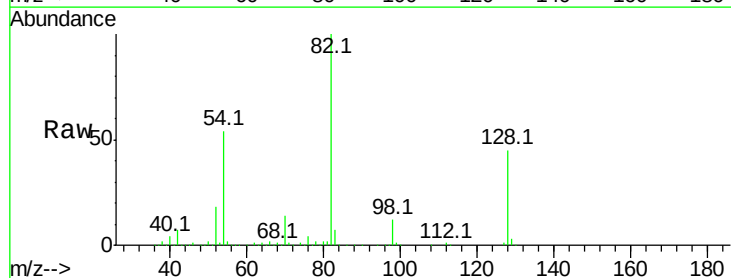


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

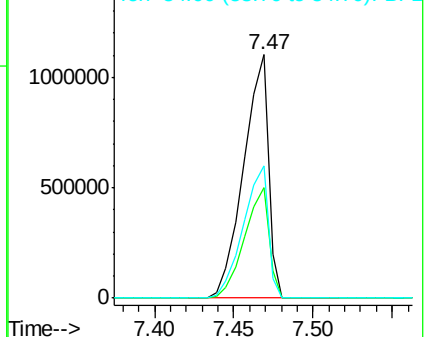
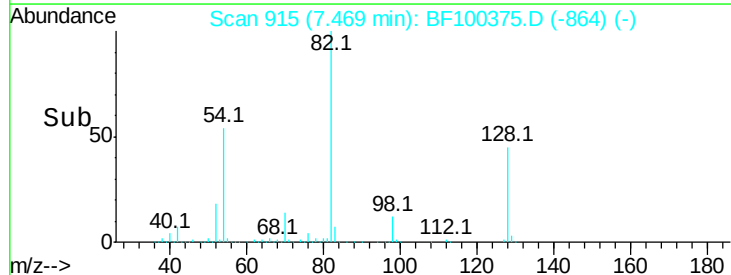


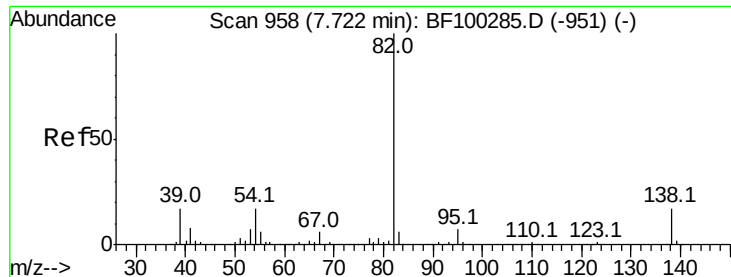
#23
Nitrobenzene-d5
Concen: 110.059 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

Tgt Ion: 82	Resp:	1192651
Ion Ratio	Lower	Upper
82	100	
128	45.4	36.1 54.1
54	54.4	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: 52.271 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Instrument :

BNA_F

ClientSampled :

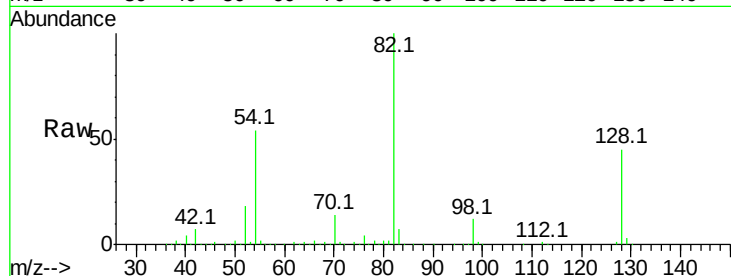
Tot Ion: 82 Resp: 1190321

Ion Ratio Lower Upper

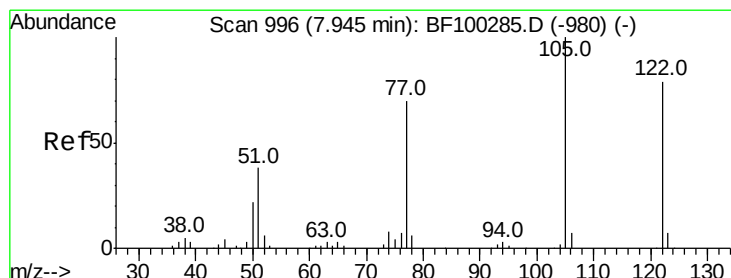
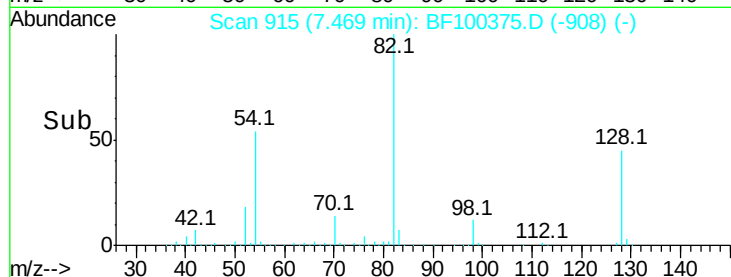
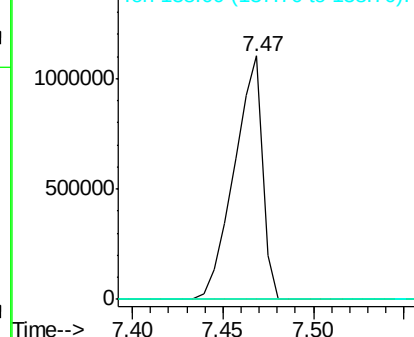
82 100

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: 9.395 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.11 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

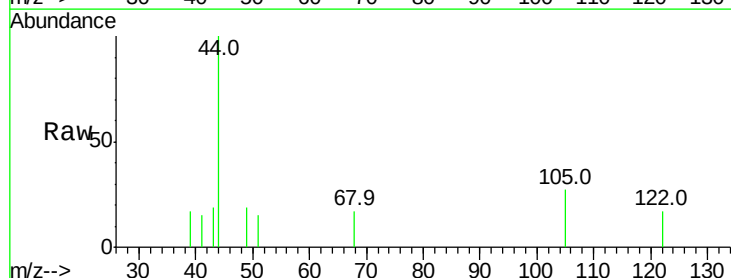
Tgt Ion: 122 Resp: 236

Ion Ratio Lower Upper

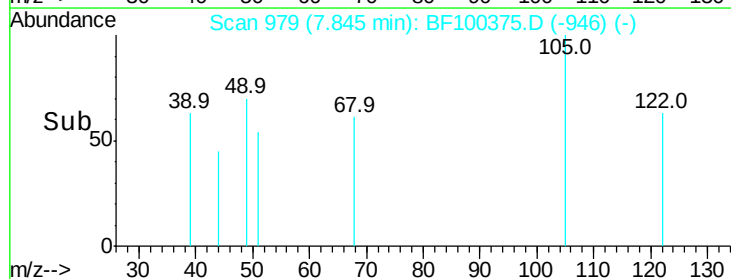
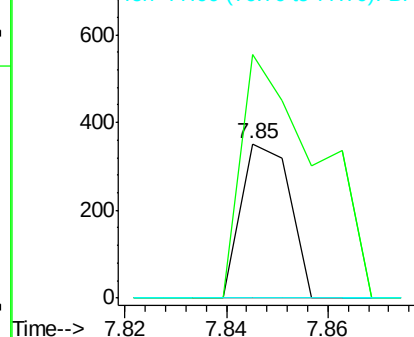
122 100

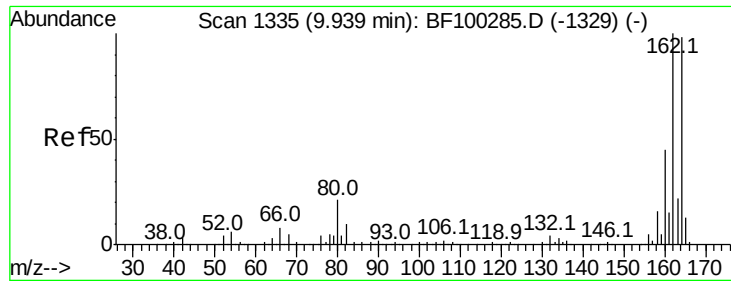
105 157.7 101.1 141.1#

77 0.0 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

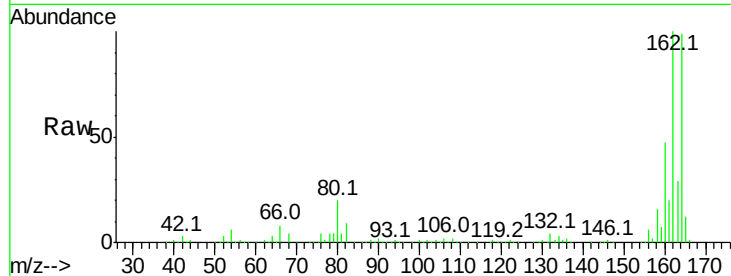




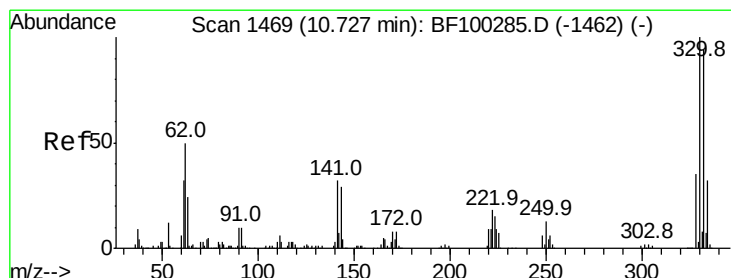
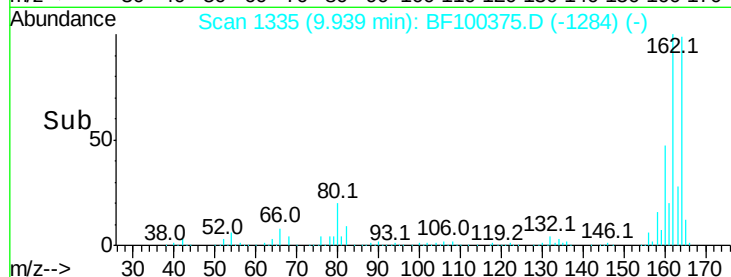
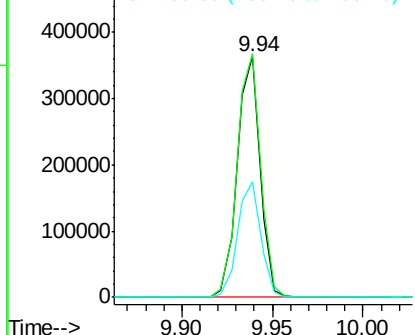
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	48.0	38.3	57.5

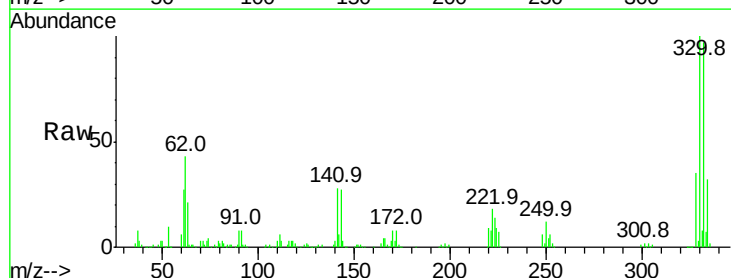


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

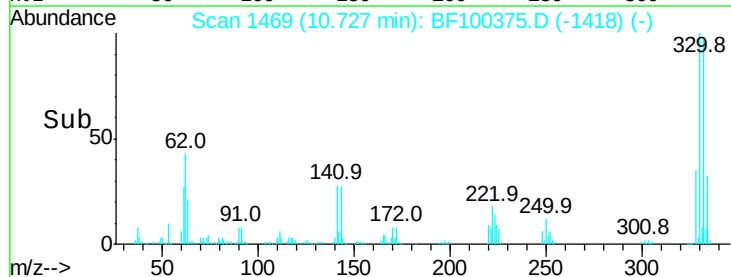
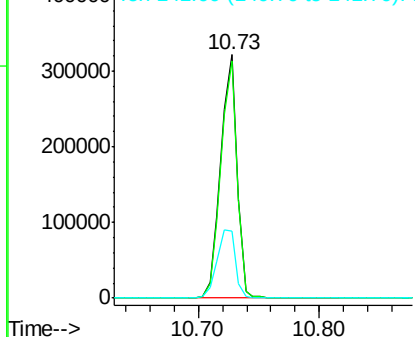


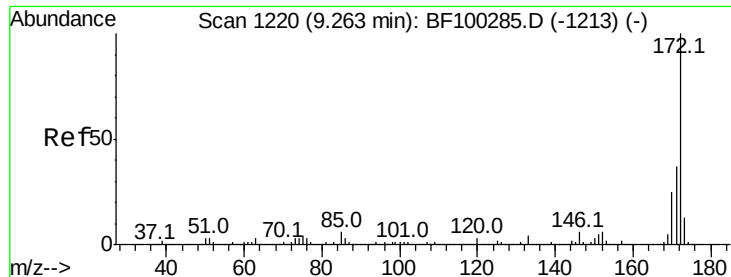
#41
 2,4,6-Tribromophenol
 Concen: 92.109 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.3	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



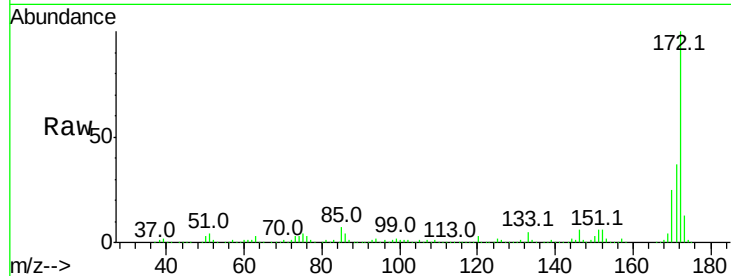


#44
 2-Fluorobiphenyl
 Concen: 93.348 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

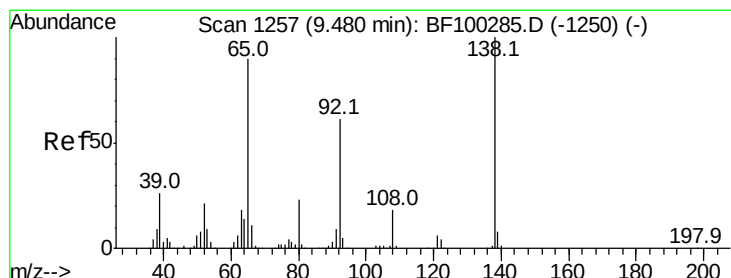
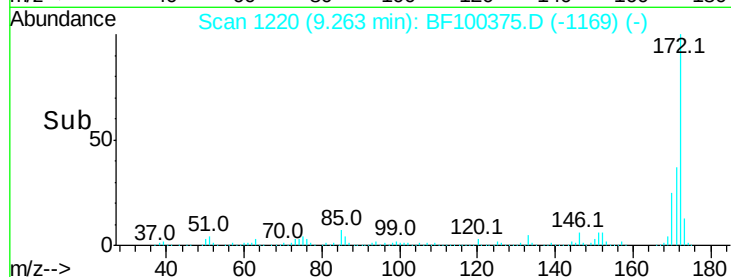
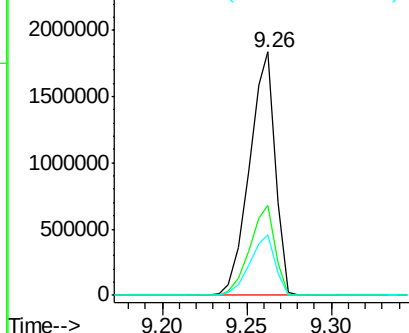
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1957637

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.6	29.4



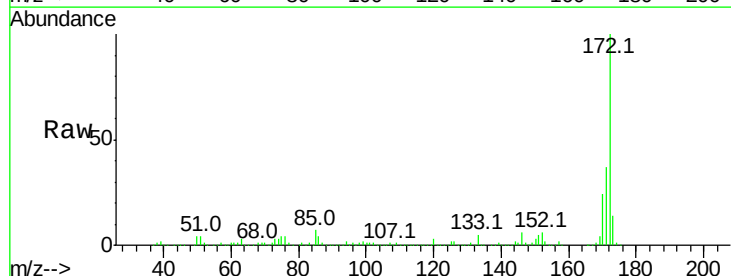
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



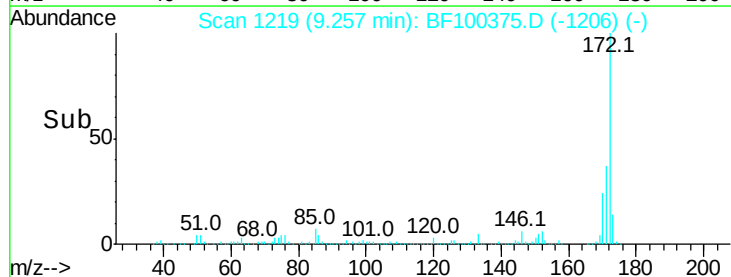
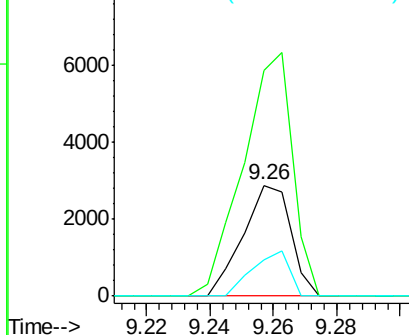
#47
 2-Nitroaniline
 Concen: 3.266 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.22 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

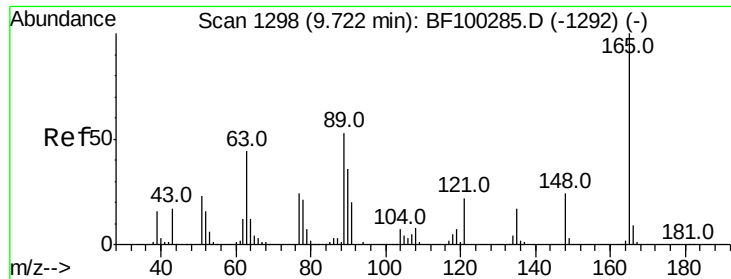
Tgt Ion: 65 Resp: 3028

Ion	Ratio	Lower	Upper
65	100		
92	203.6	55.8	83.6#
138	33.1	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

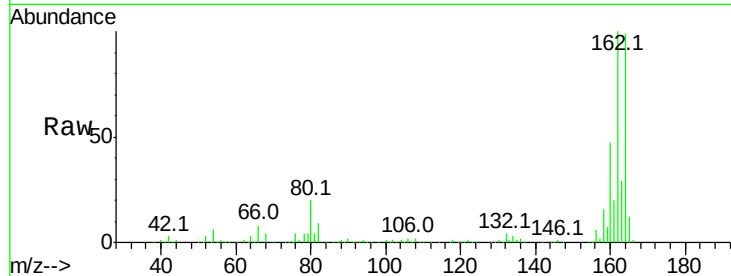




#50
 2,6-Dinitrotoluene
 Concen: 8.506 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Instrument :
 BNA_F
 ClientSampleId :

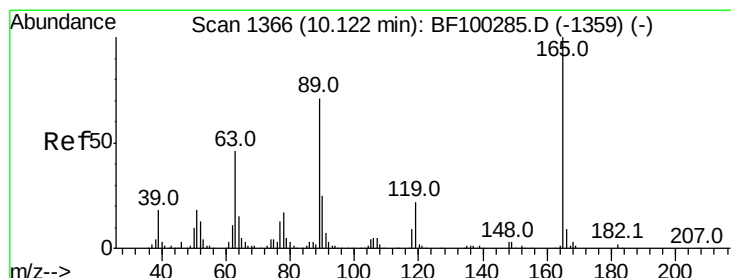
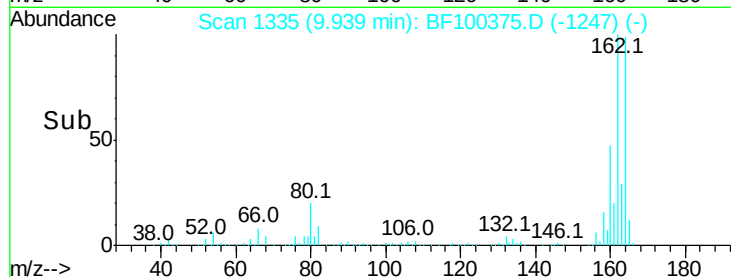
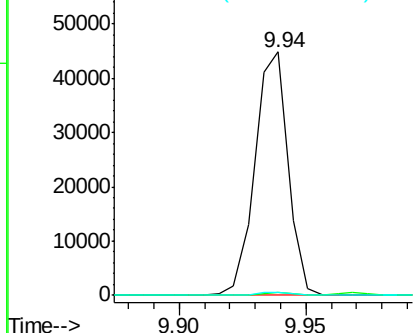
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

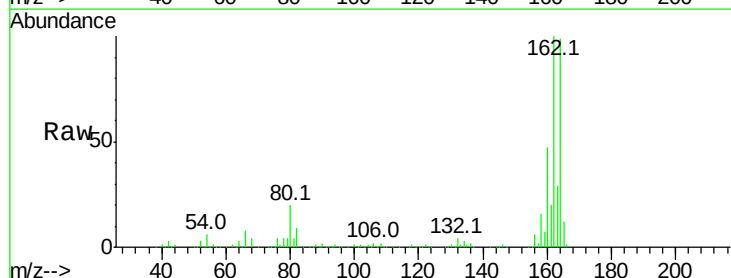
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.742 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

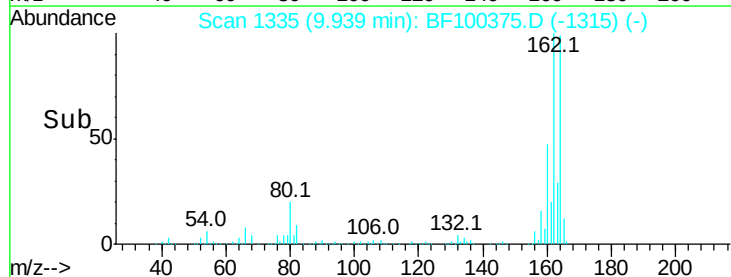
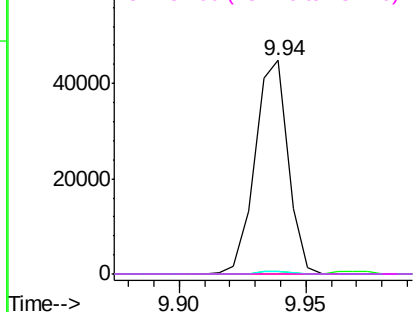


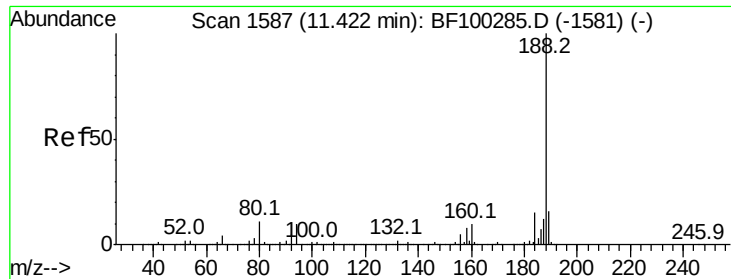
Abundance Ion 165.00 (164.70 to 165.70): E

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

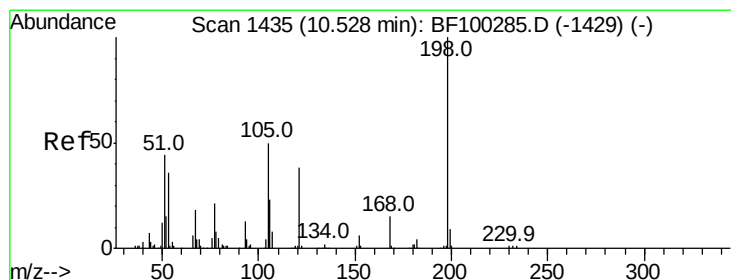
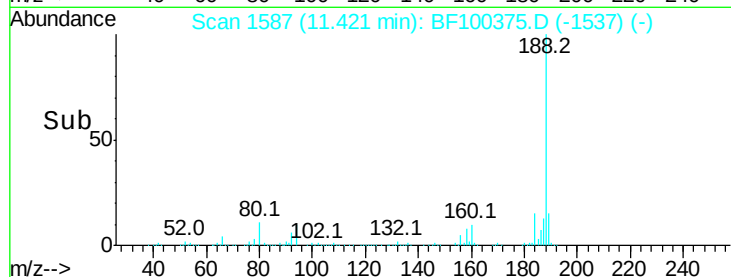
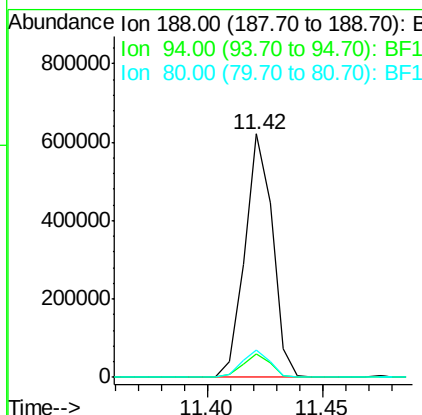
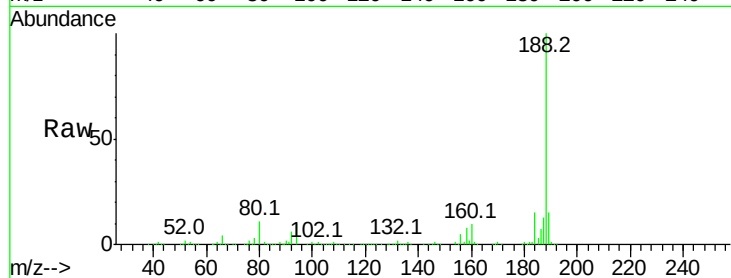




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

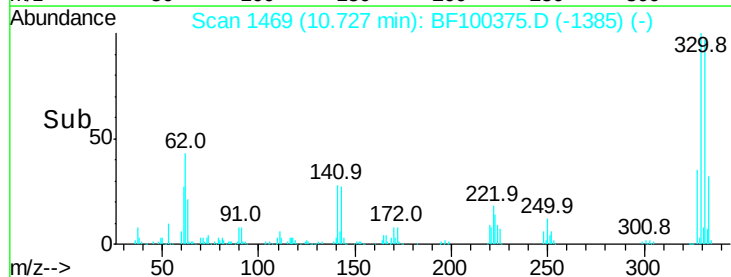
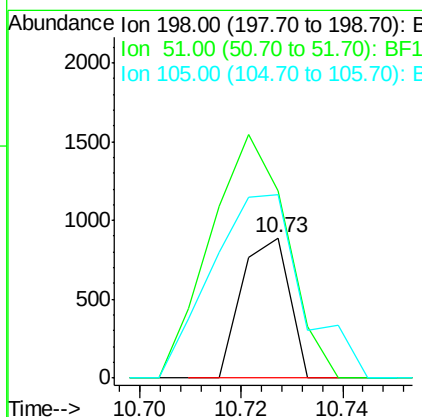
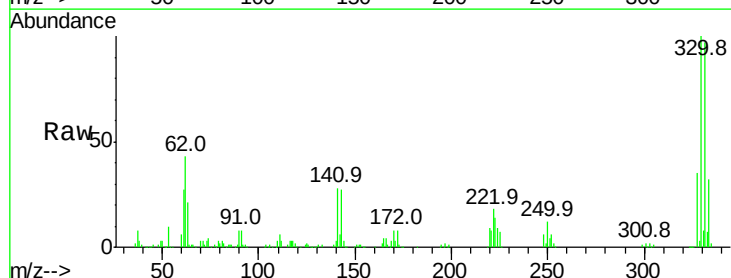
Instrument :
BNA_F
ClientSampleId :

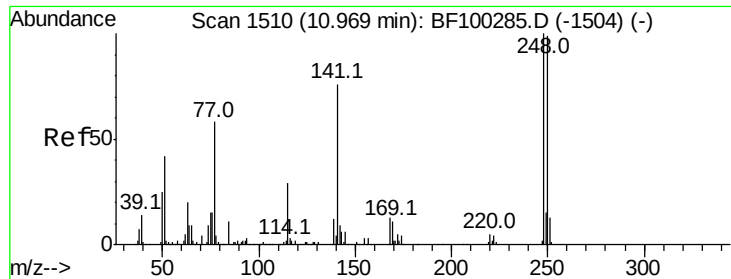
Tot Ion:188 Resp: 522683
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.752 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

Tgt Ion:198 Resp: 585
Ion Ratio Lower Upper
198 100
51 134.0 37.7 77.7#
105 130.9 36.3 76.3#

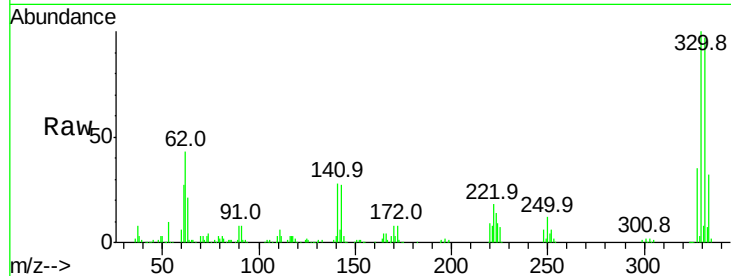




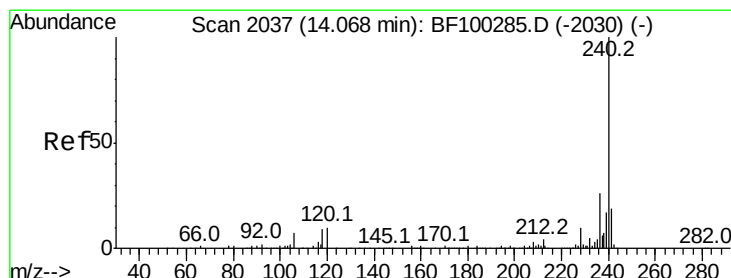
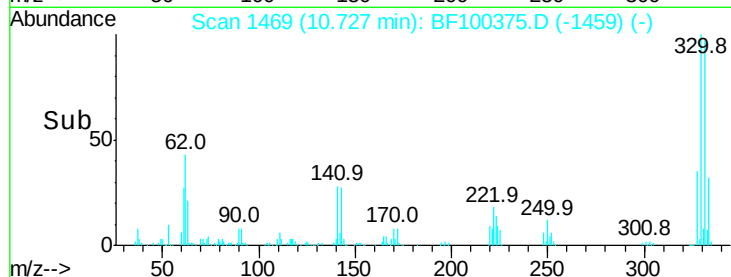
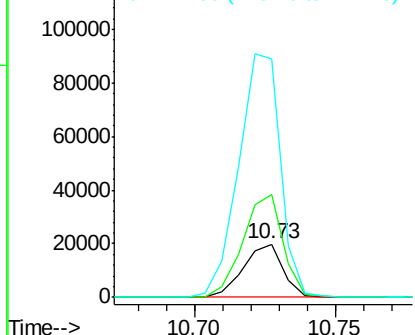
#66
4-Bromophenyl-phenylether
Concen: 3.414 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19129
Ion Ratio Lower Upper
248 100
250 191.9 76.9 115.3#
141 445.2 74.4 111.6#

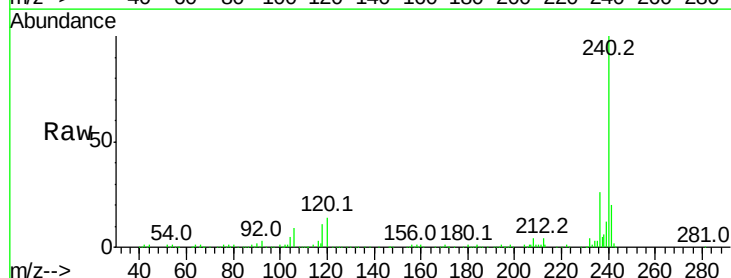


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

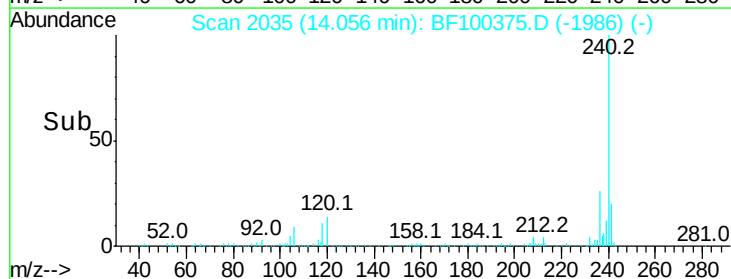
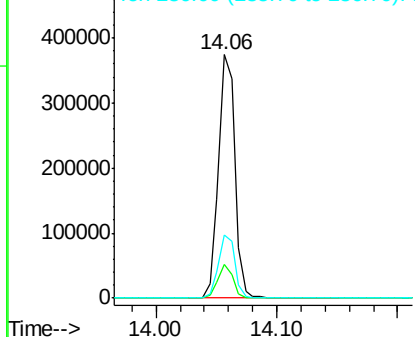


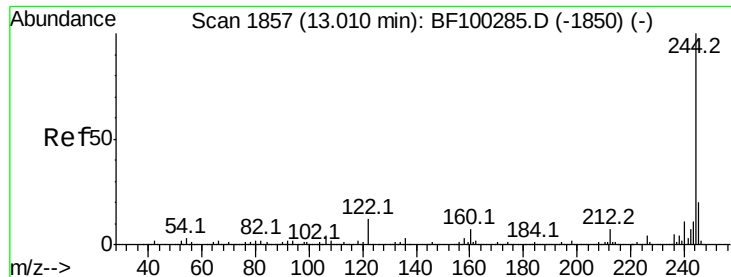
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100375.D
Acq: 10 Nov 2017 7:51

Tgt Ion:240 Resp: 347584
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.9 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: 90.790 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Instrument :

BNA_F

ClientSampleId :

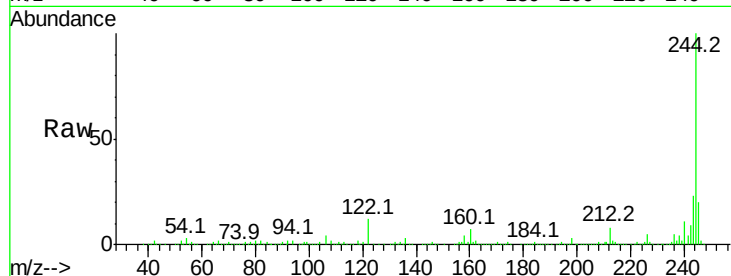
Tot Ion:244 Resp: 1373420

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

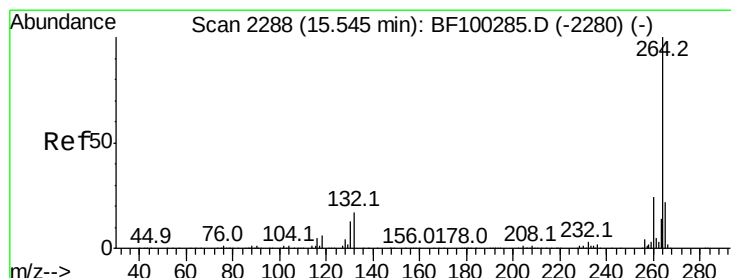
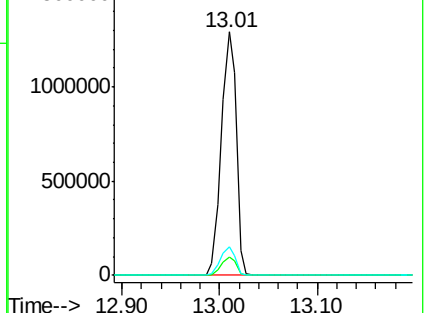
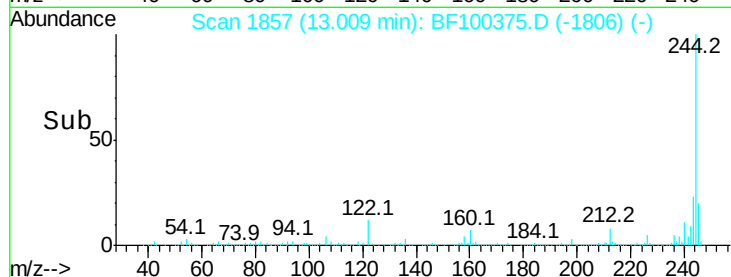
122 11.9 11.0 16.4



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: BF100375.D

Acq: 10 Nov 2017 7:51

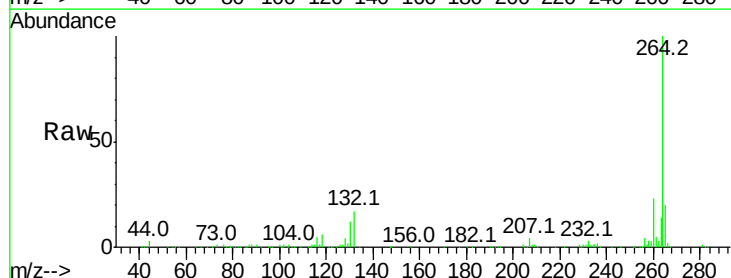
Tgt Ion:264 Resp: 285024

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 19.8 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

