

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100374.D
 Acq On : 10 Nov 2017 7:24
 Operator : SJ/JU
 Sample : PB104036BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 07:57:15 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

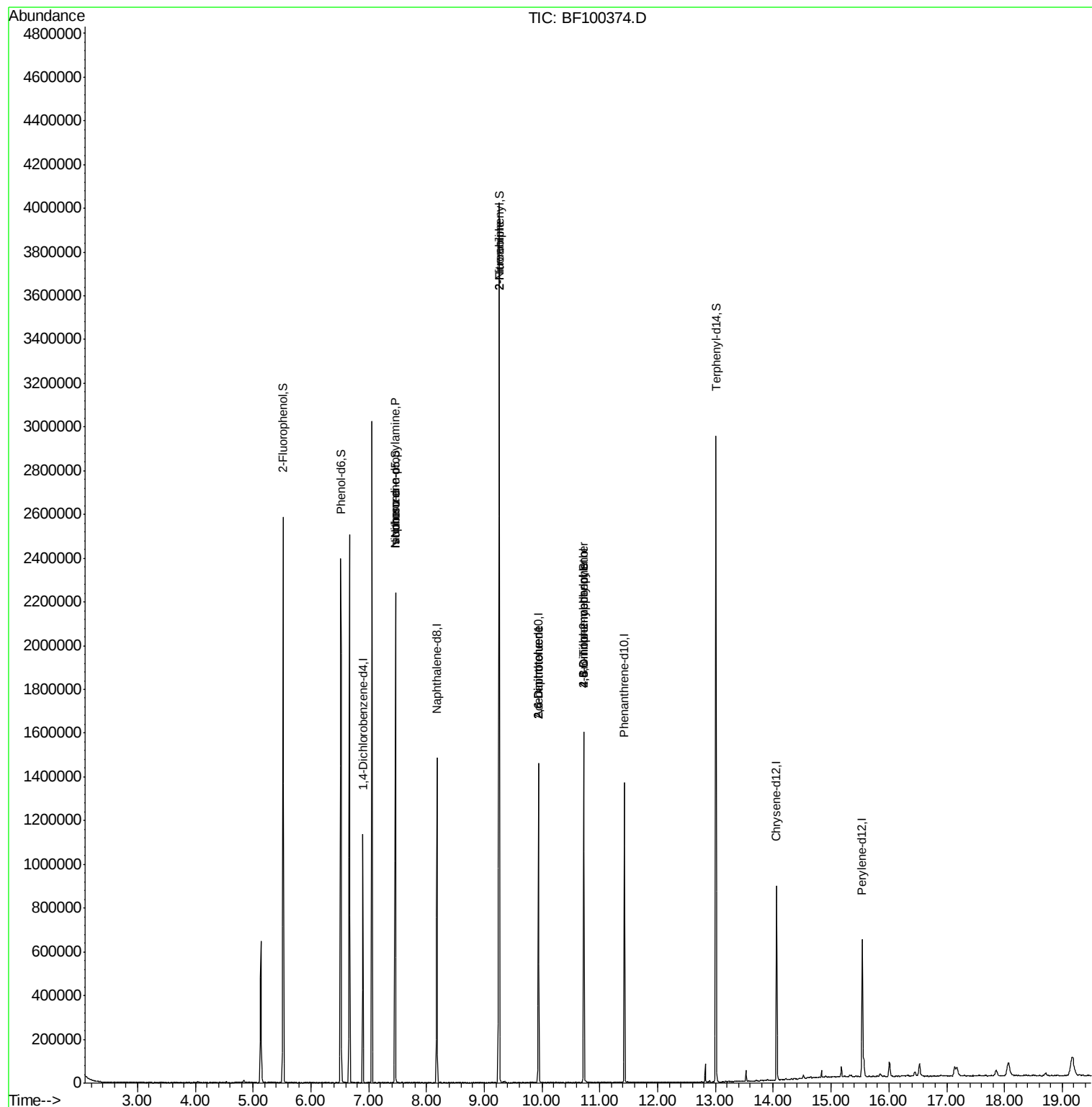
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	157674	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	625303	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	279651	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	475270	20.00	ng	0.00
75) Chrysene-d12	14.06	240	309700	20.00	ng	-0.01
86) Perylene-d12	15.54	264	306828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	680701	69.20	ng	0.01
7) Phenol-d6	6.52	99	835137	68.85	ng	0.00
23) Nitrobenzene-d5	7.46	82	737716	78.00	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	181126	63.56	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1339488	72.94	ng	0.00
78) Terphenyl-d14	13.01	244	1022444	75.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	96952	11.526	ng	# 82
25) Isophorone	7.46	82	736889	37.076	ng	# 64
47) 2-Nitroaniline	9.26	65	1888	3.127	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	35295	8.351	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	35295	6.620	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	501	8.741	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11491	2.255	ng	# 1

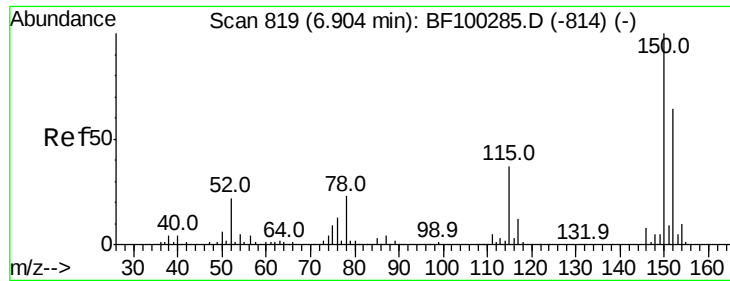
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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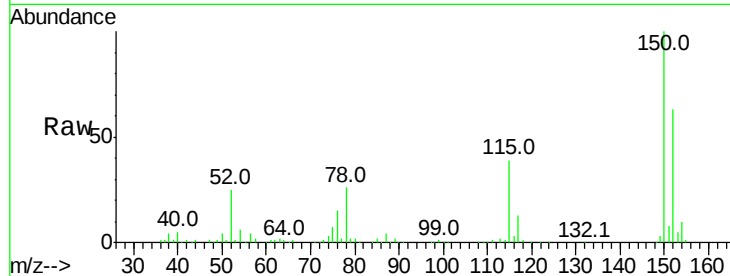


#1

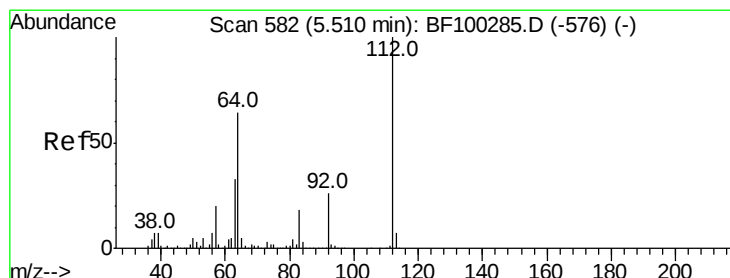
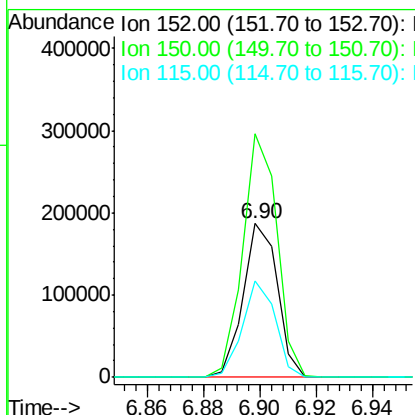
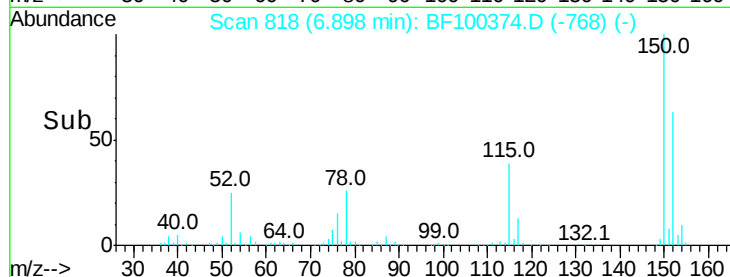
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	62.5	50.1	75.1



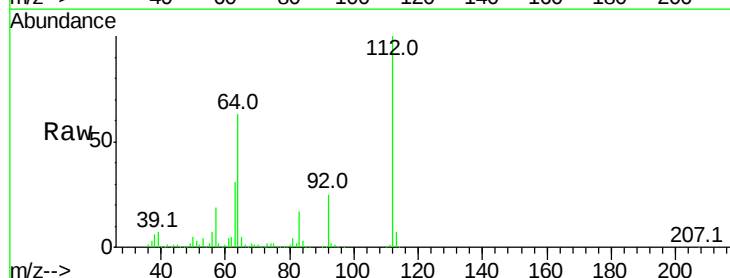
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



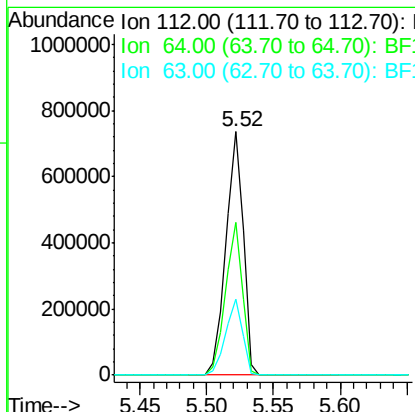
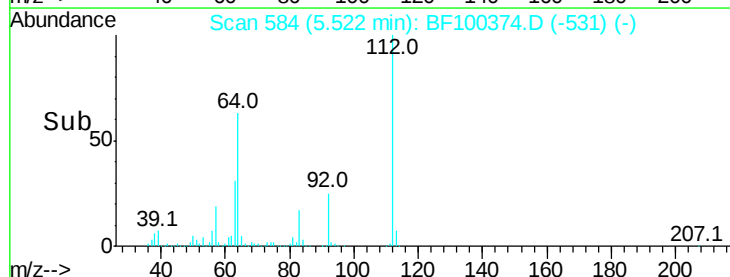
#5

2-Fluorophenol
Concen: 69.203 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.3	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: 68.852 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100374.D

Acq: 10 Nov 2017 7:24

Instrument :

BNA_F

ClientSampled :

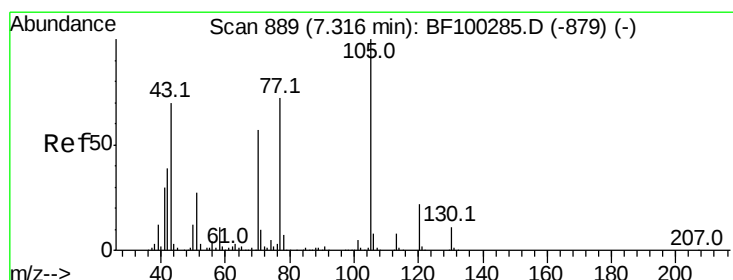
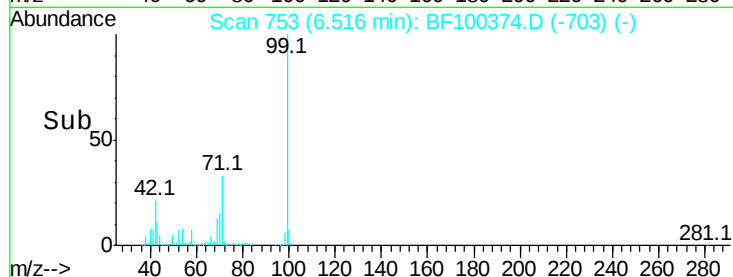
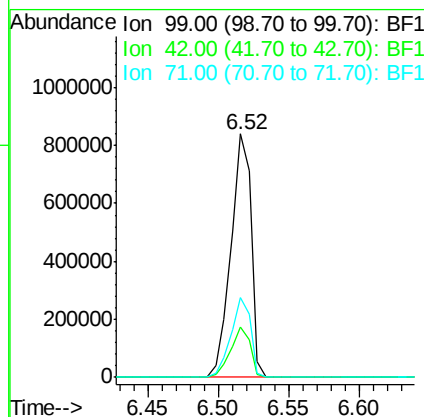
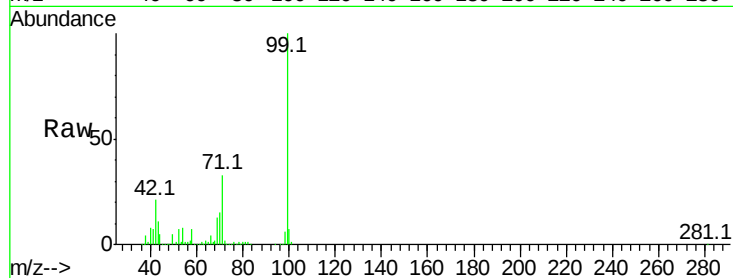
Tot Ion: 99 Resp: 835137

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.526 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100374.D

Acq: 10 Nov 2017 7:24

Tgt Ion: 70 Resp: 96952

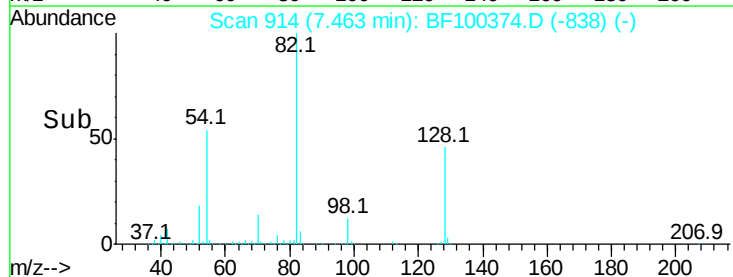
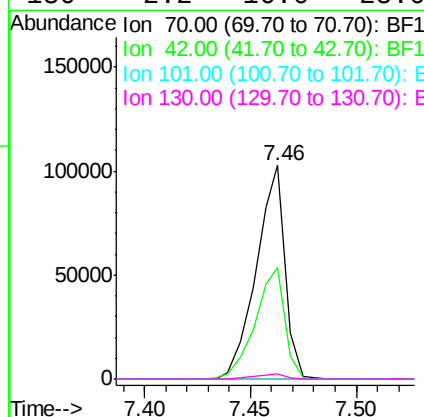
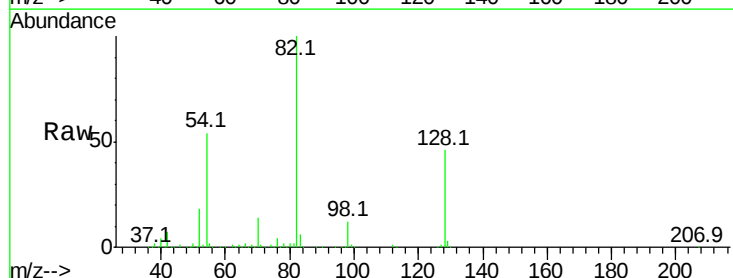
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

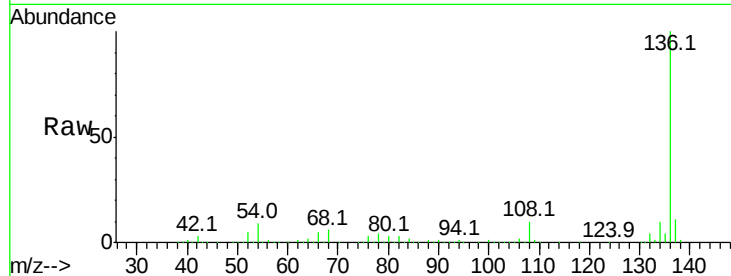




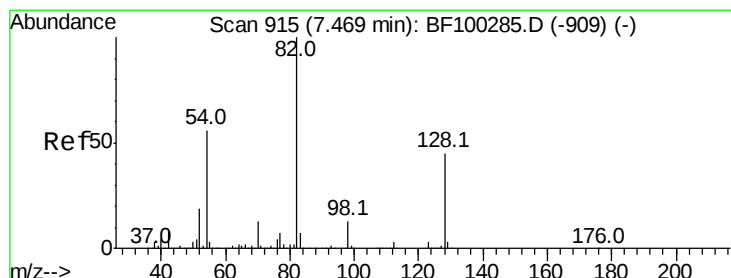
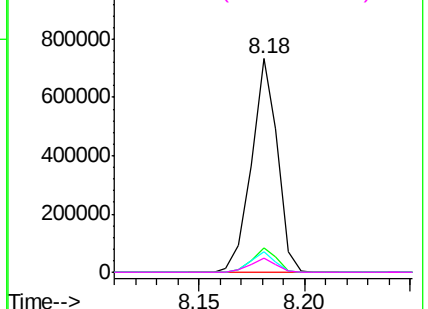
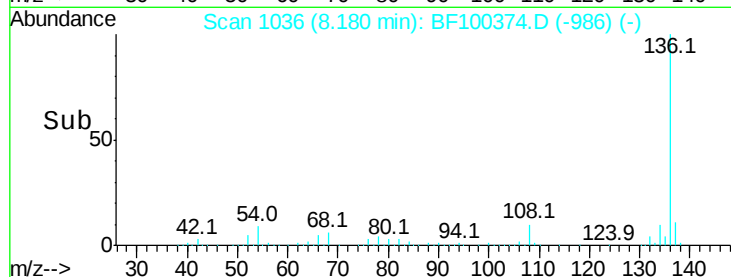
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	625303
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.4	6.6 9.8
68	6.5	5.0 7.4

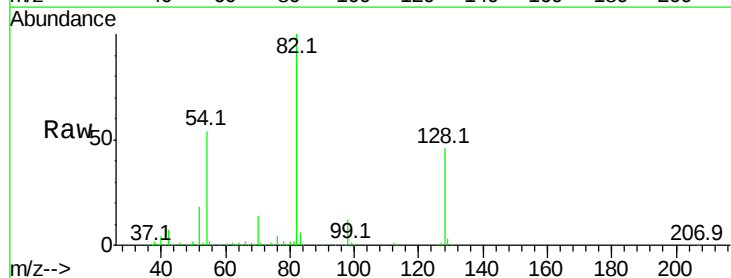


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

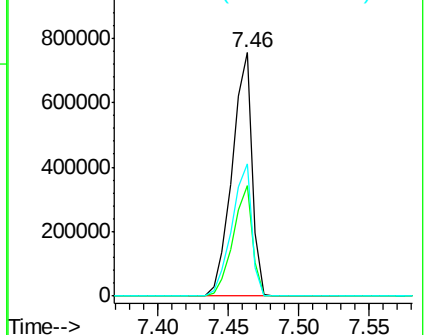
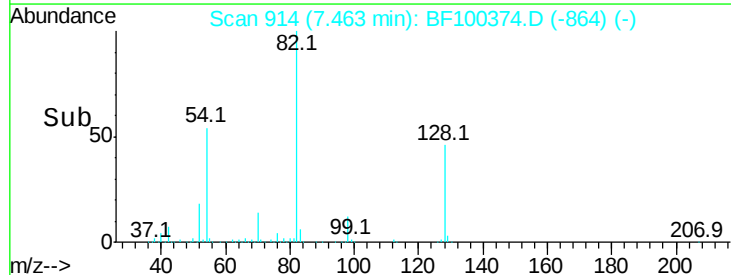


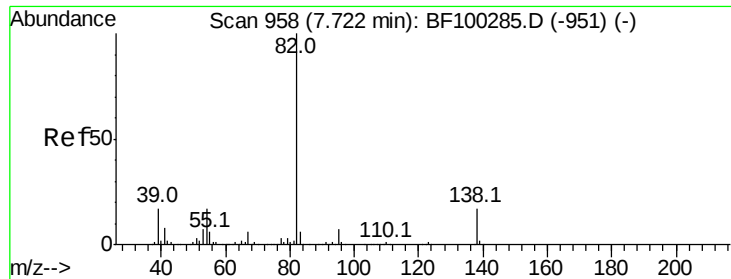
#23
Nitrobenzene-d5
Concen: 77.999 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion: 82	Resp:	737716
Ion Ratio	Lower	Upper
82	100	
128	45.6	36.1 54.1
54	54.5	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: 37.076 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100374.D

Acq: 10 Nov 2017 7:24

Instrument :

BNA_F

ClientSampled :

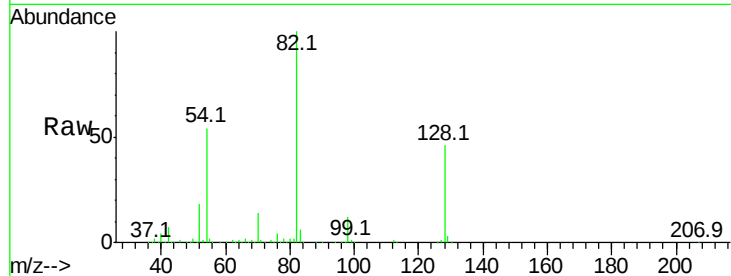
Tot Ion: 82 Resp: 736889

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

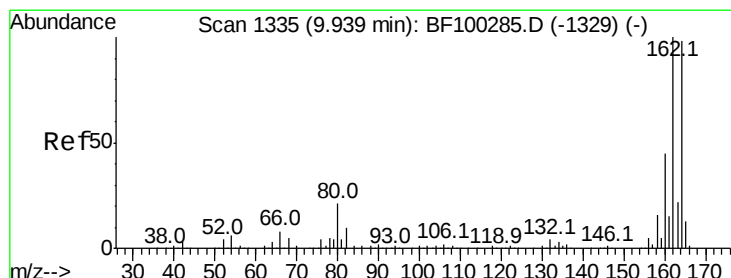
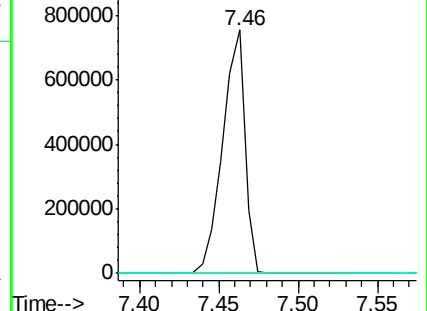
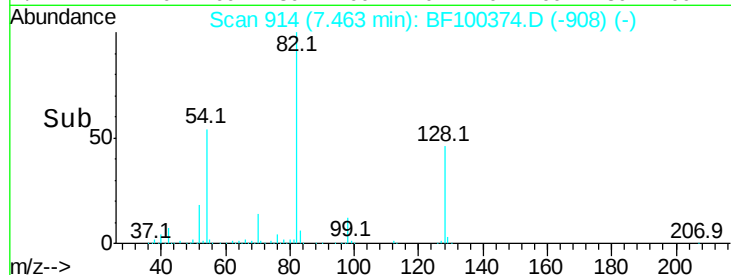
138 0.0 14.9 22.3#



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: BF100374.D

Acq: 10 Nov 2017 7:24

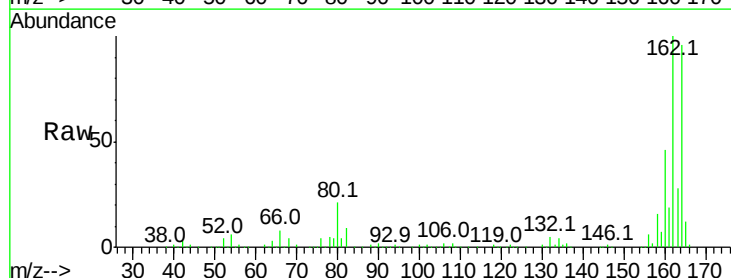
Tgt Ion:164 Resp: 279651

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

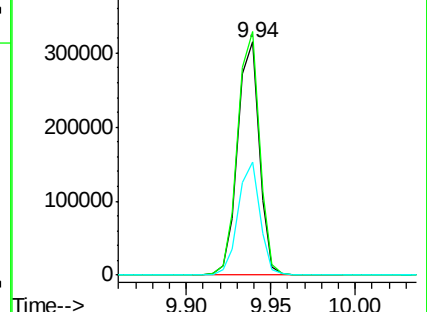
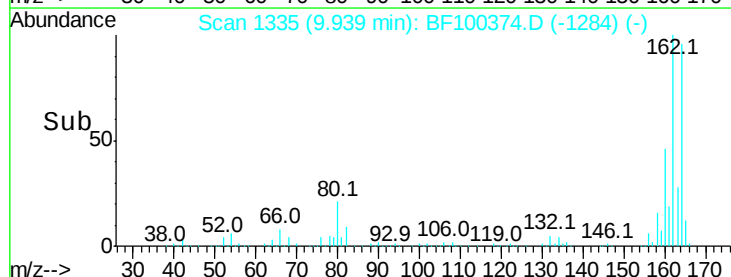
160 48.3 38.3 57.5



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

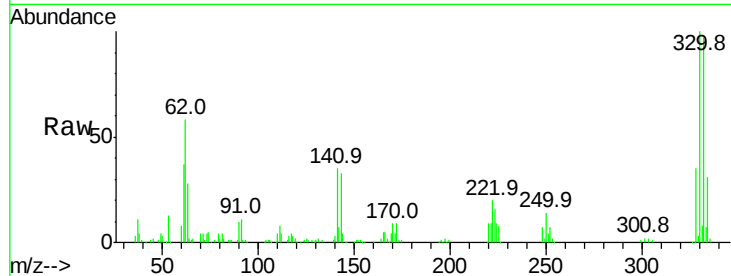




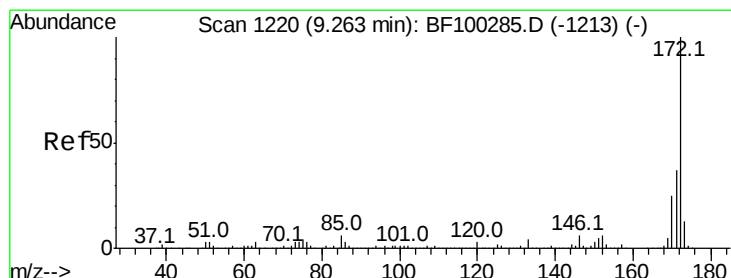
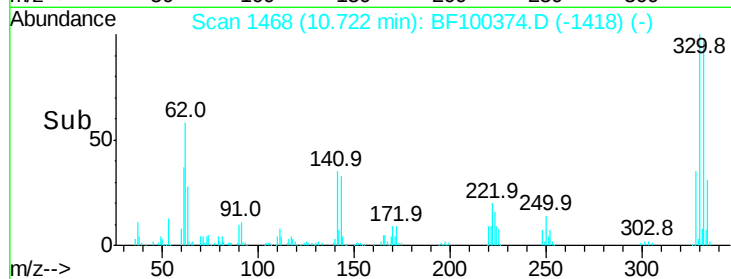
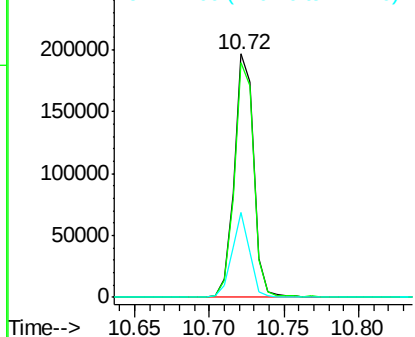
#41
 2,4,6-Tribromophenol
 Concen: 63.561 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100374.D
 Acq: 10 Nov 2017 7:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 181126
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 31.7 29.9 44.9

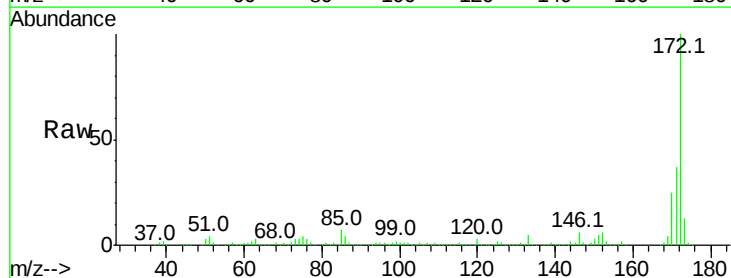


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

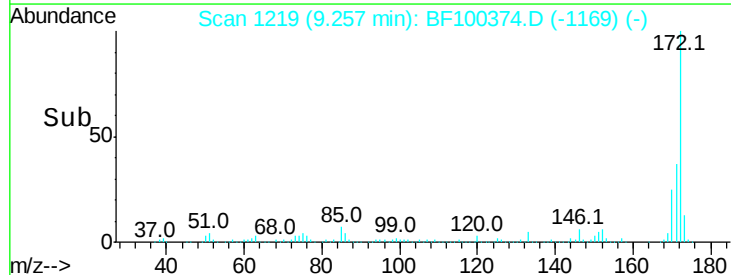
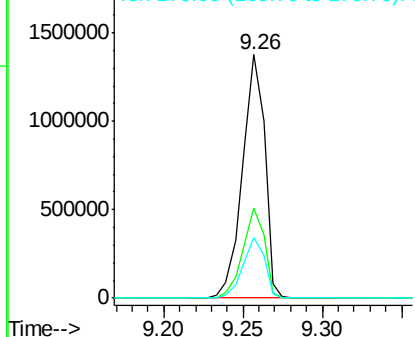


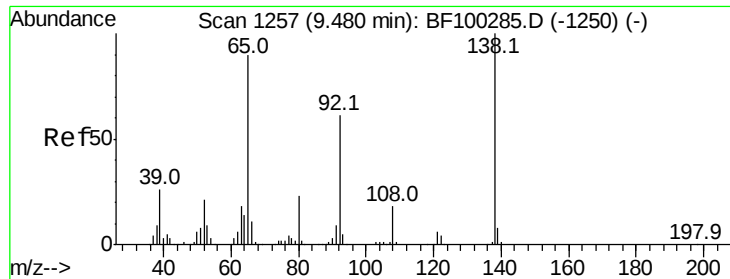
#44
 2-Fluorobiphenyl
 Concen: 72.936 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100374.D
 Acq: 10 Nov 2017 7:24

Tgt Ion:172 Resp: 1339488
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.7 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

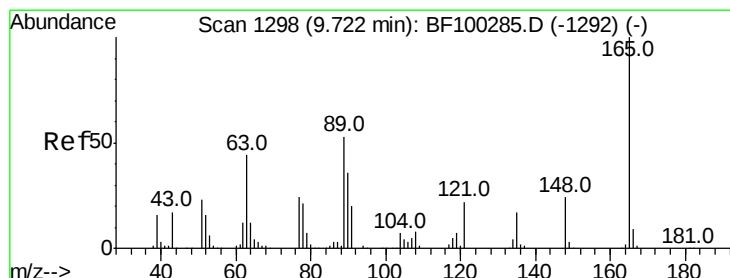
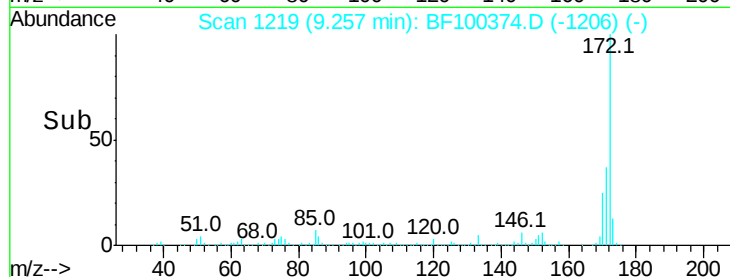
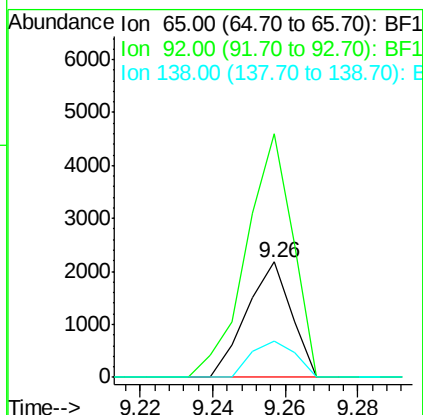
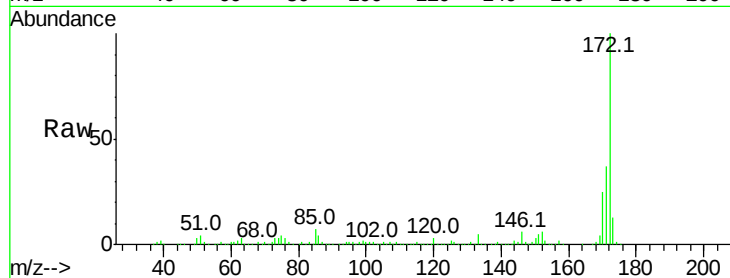




#47
2-Nitroaniline
Concen: 3.127 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

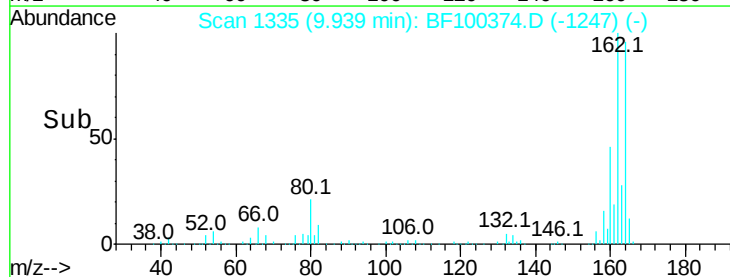
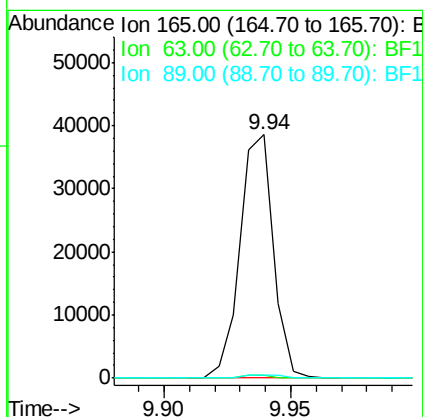
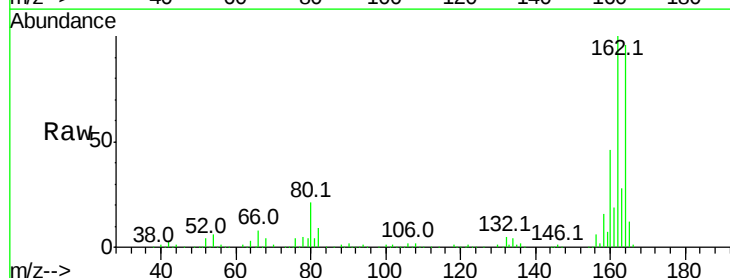
Instrument :
BNA_F
ClientSampled :

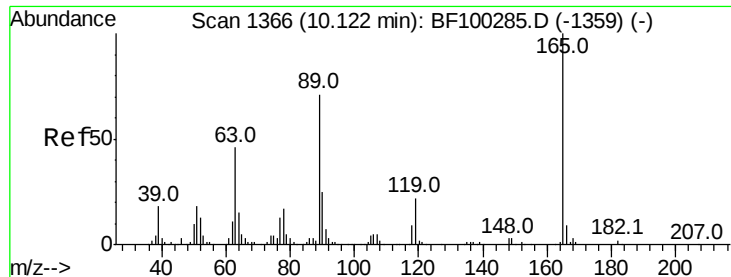
Tot Ion: 65 Resp: 1888
Ion Ratio Lower Upper
65 100
92 211.2 55.8 83.6#
138 32.0 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.351 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:165 Resp: 35295
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.5 44.0 66.0#

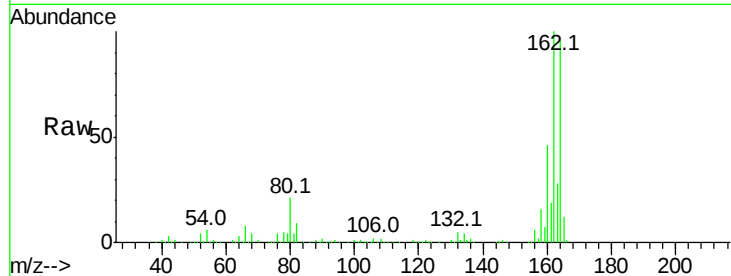




#56
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

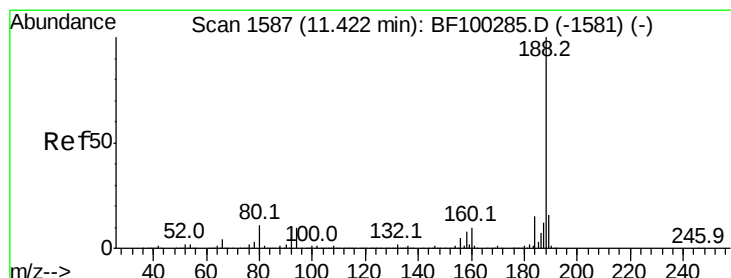
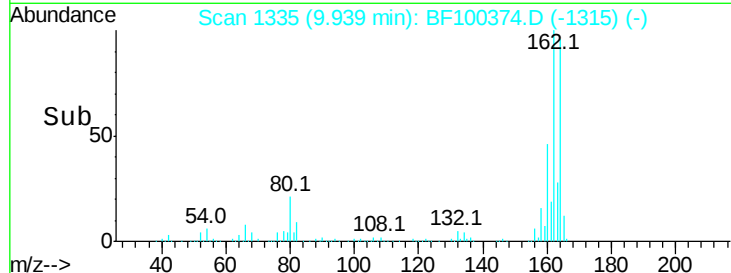
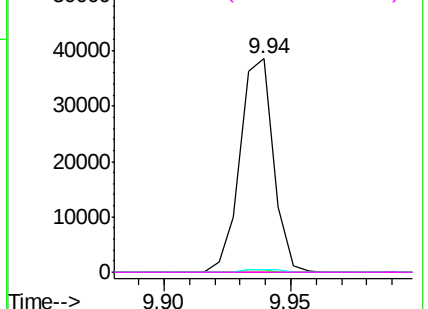


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

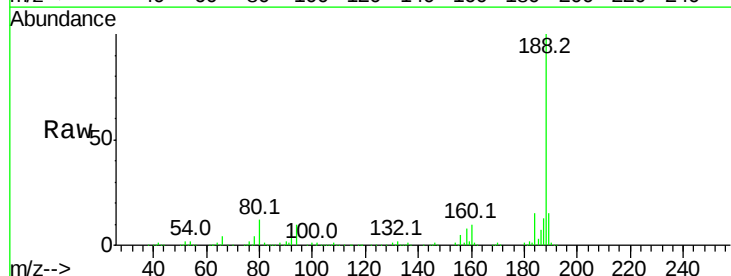
Ion 89.00 (88.70 to 89.70): BF1

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: BF100374.D
Acq: 10 Nov 2017 7:24

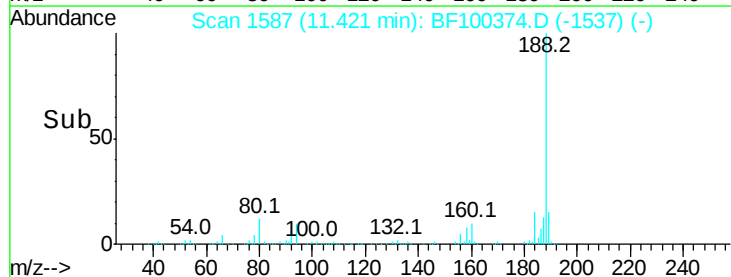
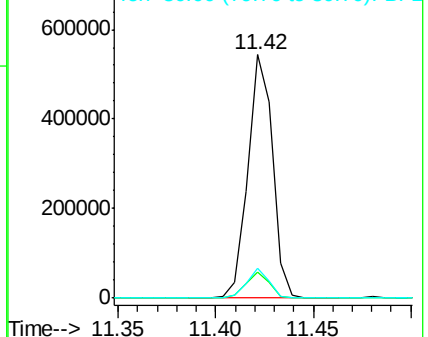
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	12.1	9.2	13.8

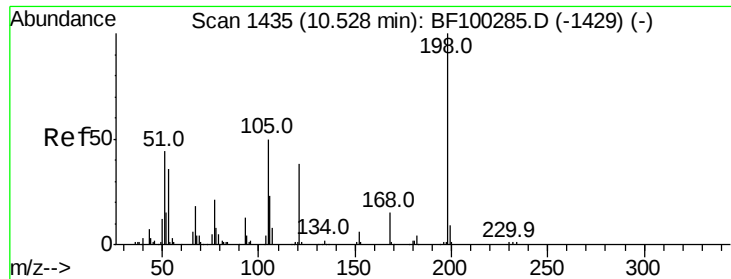


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.741 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100374.D

Acq: 10 Nov 2017 7:24

Instrument :

BNA_F

ClientSampled :

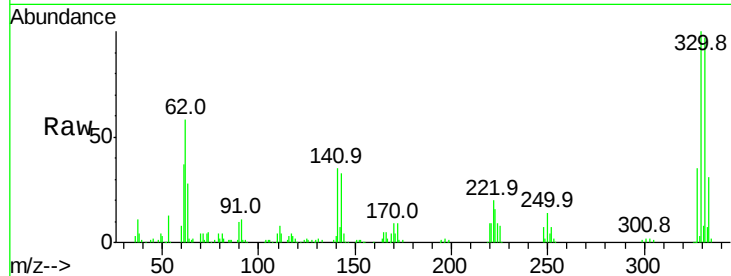
Tot Ion:198 Resp: 501

Ion Ratio Lower Upper

198 100

51 140.8 37.7 77.7#

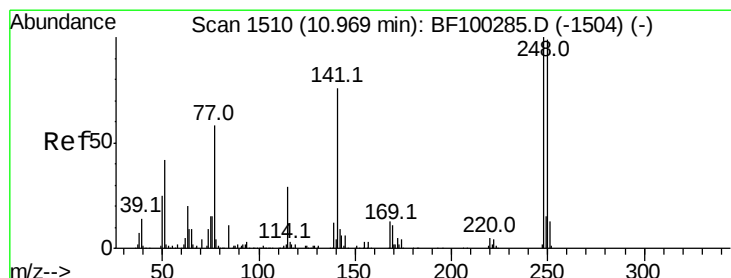
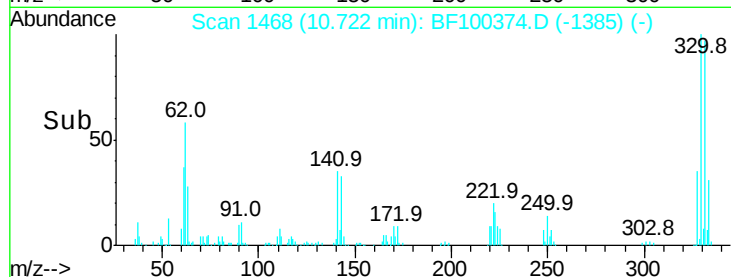
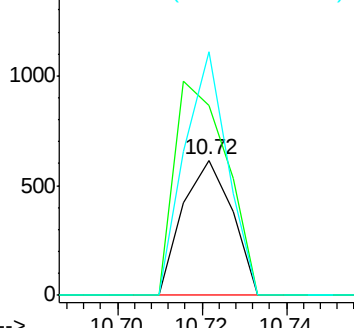
105 180.3 36.3 76.3#



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: 2.255 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF100374.D

Acq: 10 Nov 2017 7:24

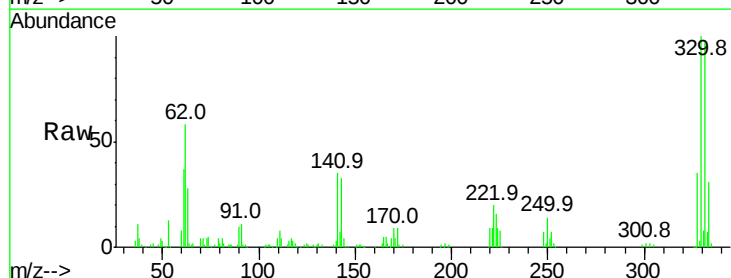
Tgt Ion:248 Resp: 11491

Ion Ratio Lower Upper

248 100

250 203.1 76.9 115.3#

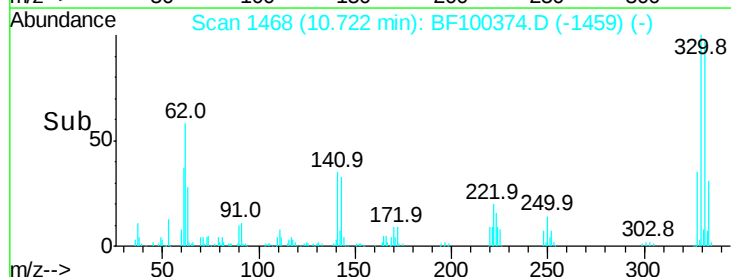
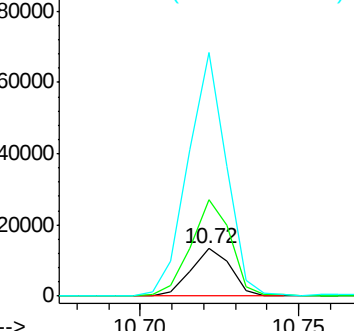
141 512.8 74.4 111.6#

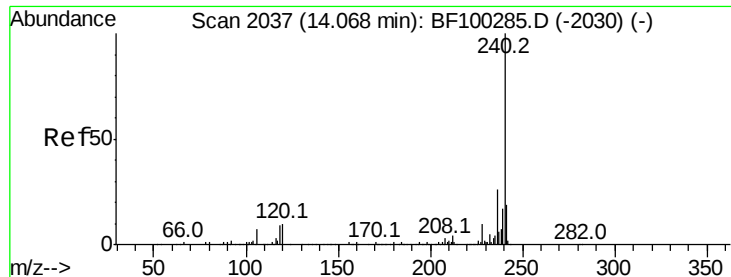


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF100374.D

Acq: 10 Nov 2017 7:24

Instrument :

BNA_F

ClientSampleId :

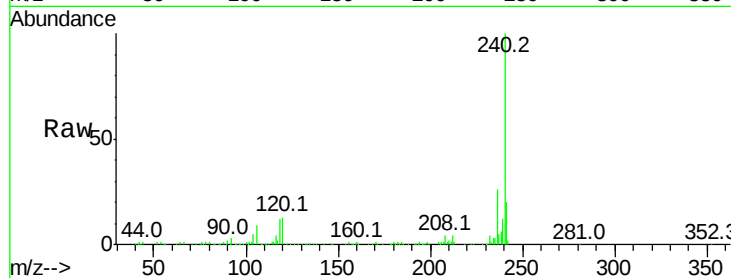
Tot Ion:240 Resp: 309700

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

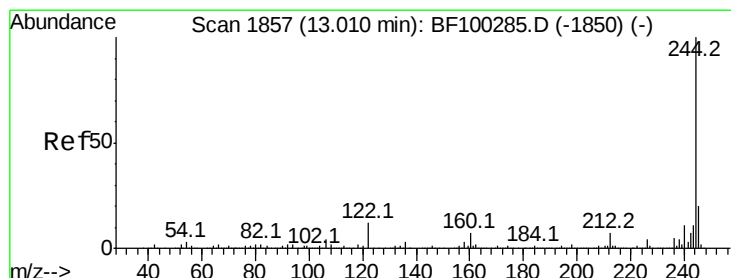
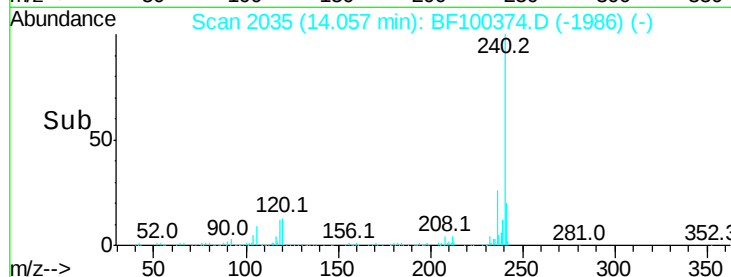
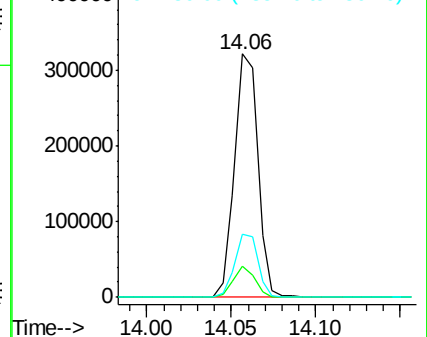
236 25.9 20.7 31.1



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: 75.857 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100374.D

Acq: 10 Nov 2017 7:24

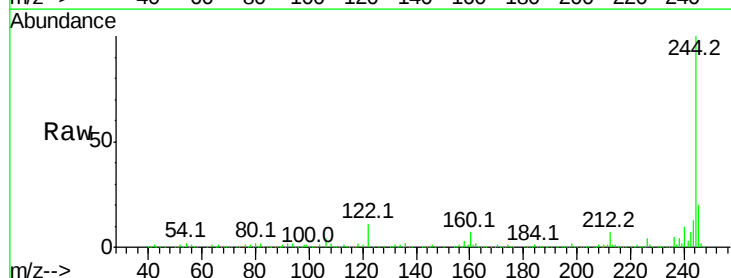
Tgt Ion:244 Resp: 1022444

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

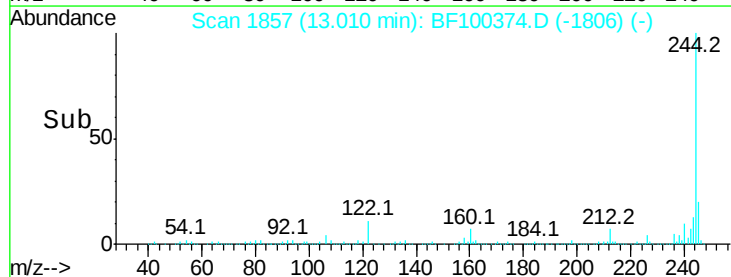
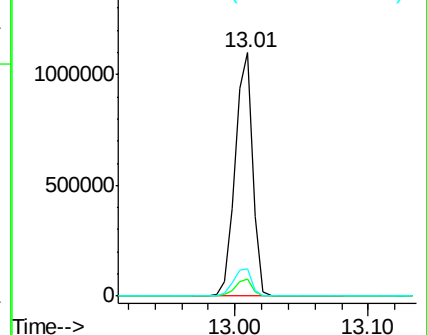
122 11.0 11.0 16.4

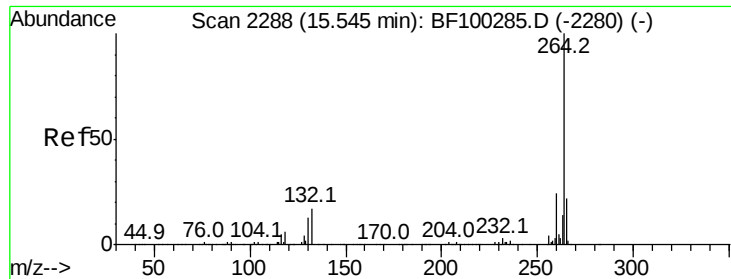


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3

