

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100388.D
 Acq On : 10 Nov 2017 14:00
 Operator : SJ/JU
 Sample : I6382-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 15:47:52 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	188983	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	754303	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	346962	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	643922	20.00	ng	0.00
75) Chrysene-d12	14.06	240	444956	20.00	ng	-0.01
86) Perylene-d12	15.54	264	399938	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1423953	120.78	ng	0.01
7) Phenol-d6	6.53	99	1758542	120.96	ng	0.00
23) Nitrobenzene-d5	7.46	82	1134919	99.47	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	436385	123.43	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1777144	77.99	ng	0.00
78) Terphenyl-d14	13.01	244	1550641	80.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.54	94	77801	5.098	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	150959	14.973	ng	# 83
25) Isophorone	7.46	82	1131964	47.213	ng	# 64
47) 2-Nitroaniline	9.65	65	989	2.929	ng	# 1
49) Dimethylphthalate	9.65	163	115718	4.368	ng	99
50) 2,6-Dinitrotoluene	9.93	165	44444	8.476	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	44444	6.718	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	864	8.788	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	26720	3.871	ng	# 1

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

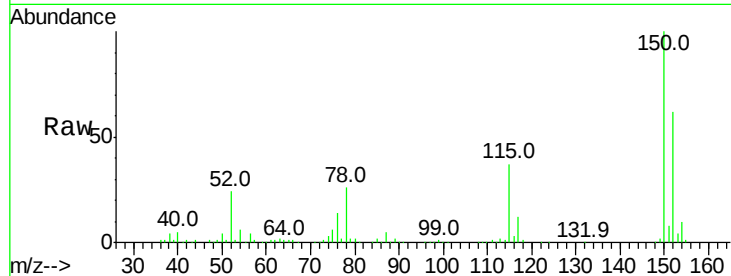


#1

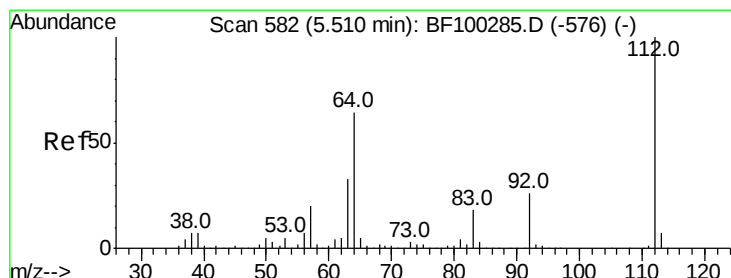
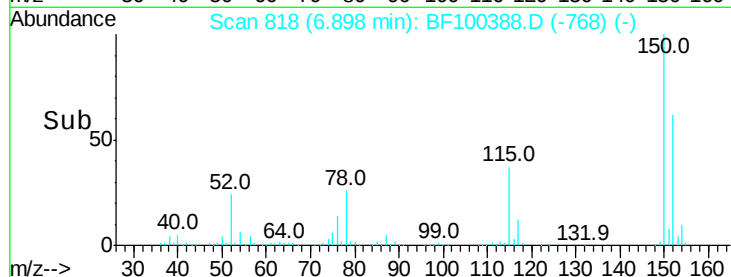
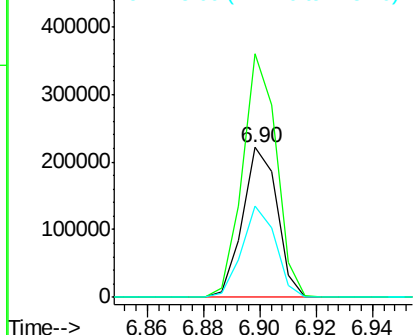
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100388.D
Acq: 10 Nov 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188983
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 60.8 50.1 75.1



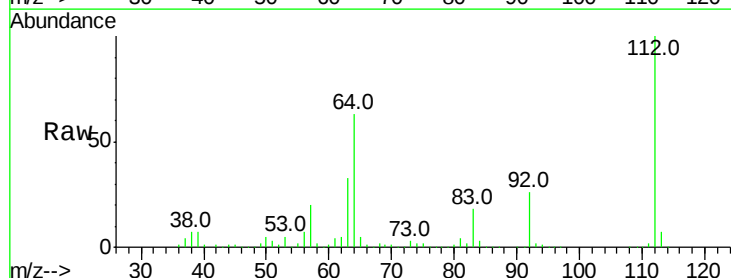
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



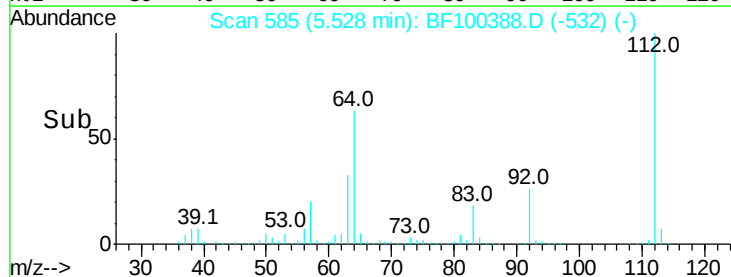
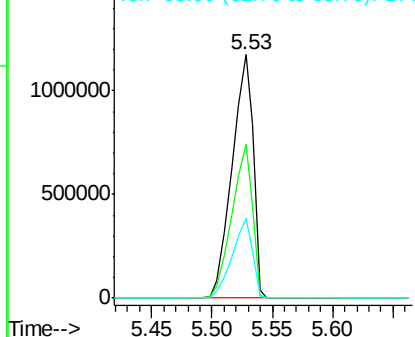
#5

2-Fluorophenol
Concen: 120.782 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100388.D
Acq: 10 Nov 2017 14:00

Tgt Ion:112 Resp: 1423953
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.8 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: 120.962 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100388.D

Acq: 10 Nov 2017 14:00

Instrument :

BNA_F

ClientSampleId :

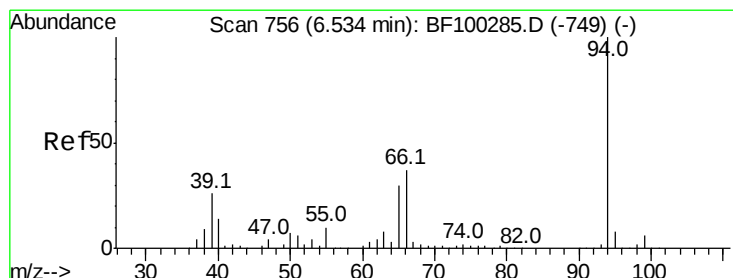
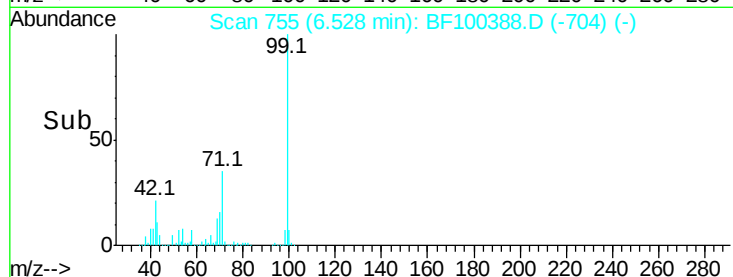
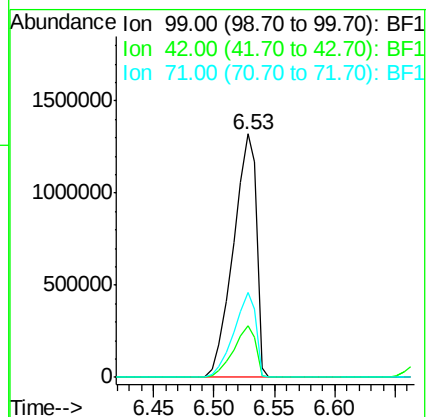
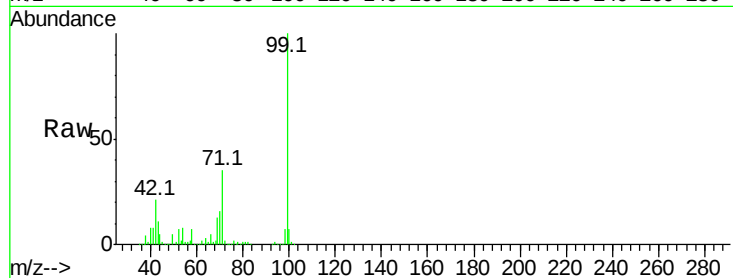
Tot Ion: 99 Resp: 1758542

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 35.0 25.4 38.0



#10

Phenol

Concen: 5.098 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100388.D

Acq: 10 Nov 2017 14:00

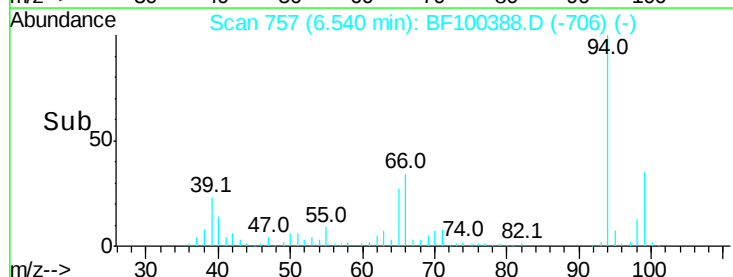
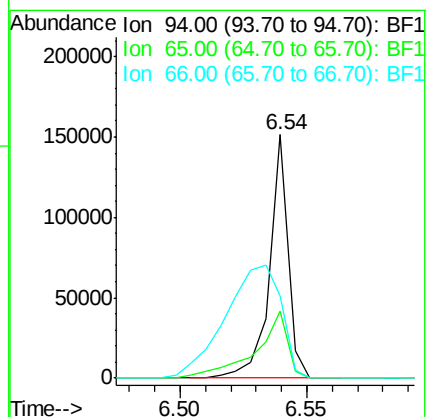
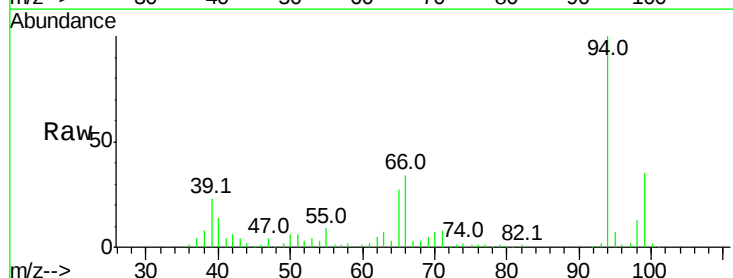
Tgt Ion: 94 Resp: 77801

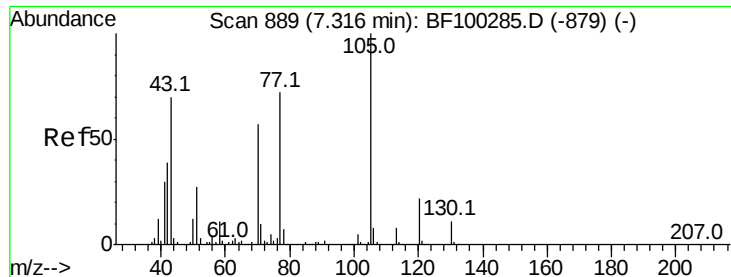
Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 33.6 16.2 56.2

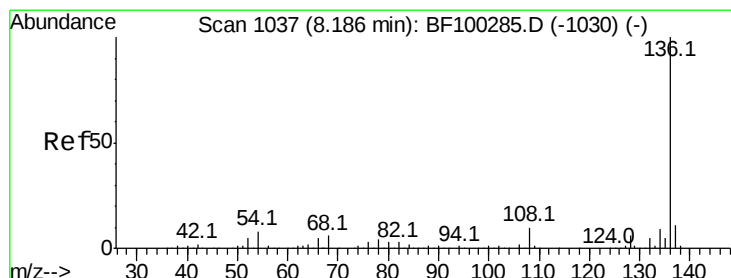
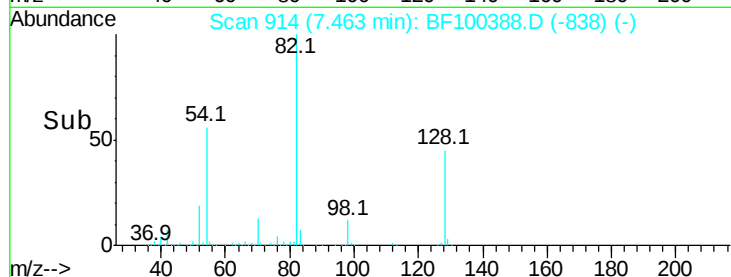
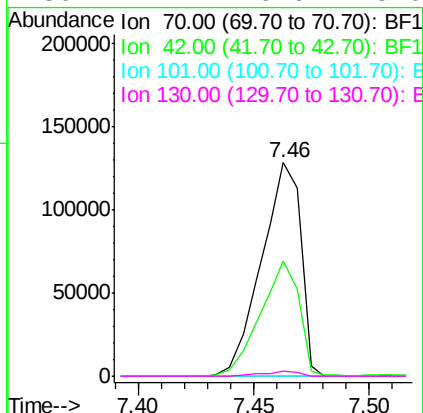
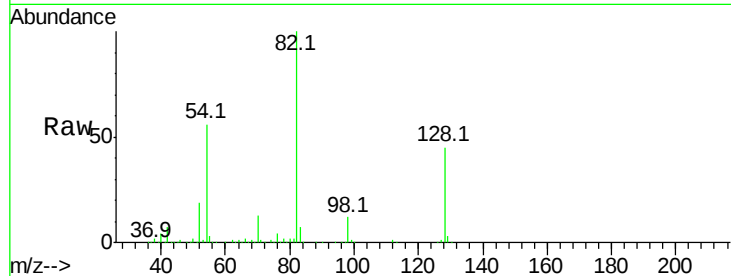




#19
n-Nitroso-di-n-propylamine
Concen: 14.973 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100388.D
Acq: 10 Nov 2017 14:00

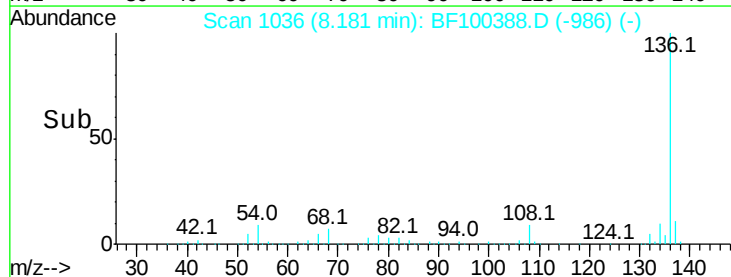
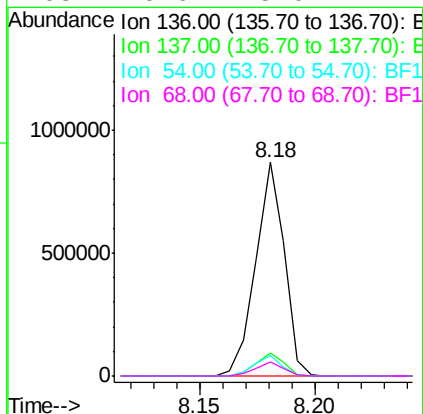
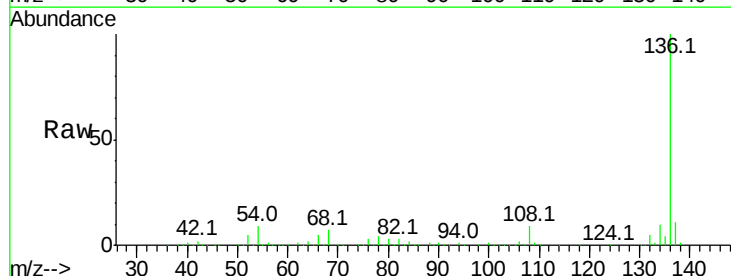
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 150959
Ion Ratio Lower Upper
70 100
42 53.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 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: BF100388.D
Acq: 10 Nov 2017 14:00

Tgt Ion: 136 Resp: 754303
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 6.6 9.8
68 6.6 5.0 7.4

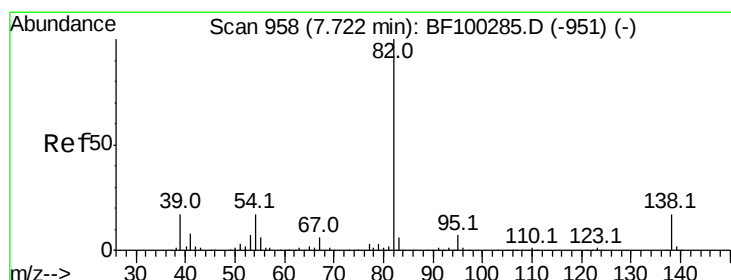
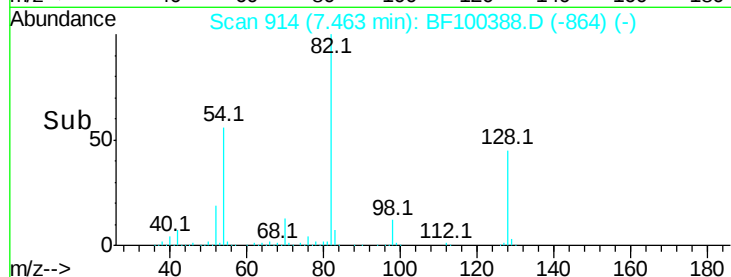
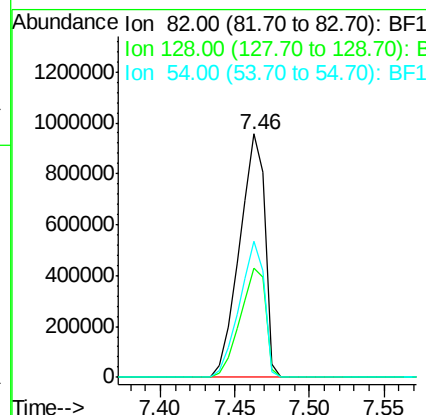
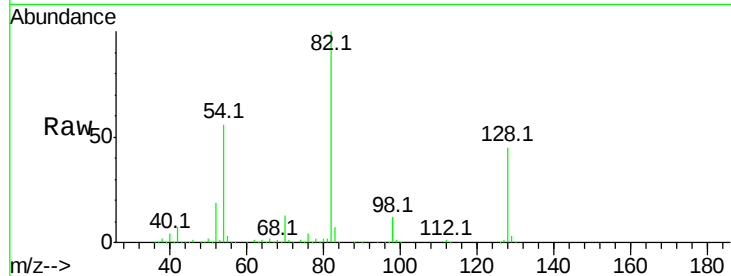




#23
 Nitrobenzene-d5
 Concen: 99.474 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100388.D
 Acq: 10 Nov 2017 14:00

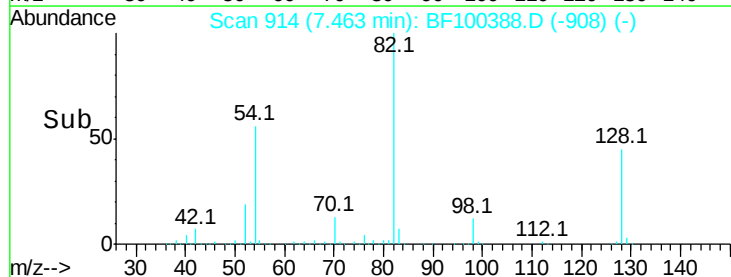
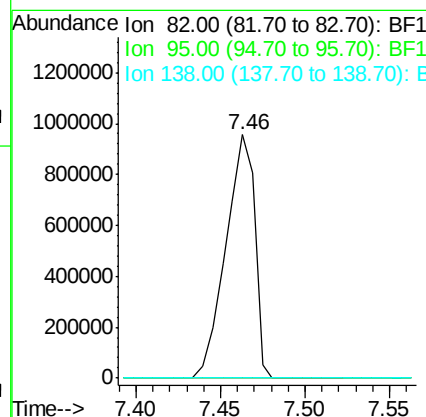
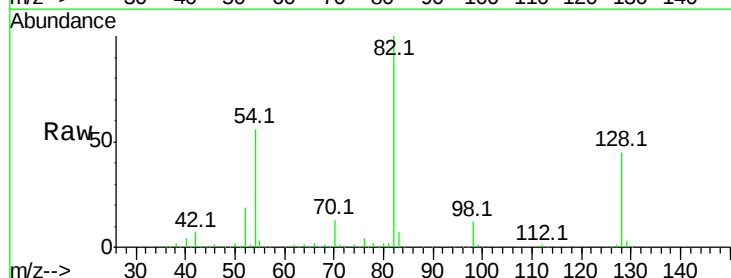
Instrument :
 BNA_F
 ClientSampleId :

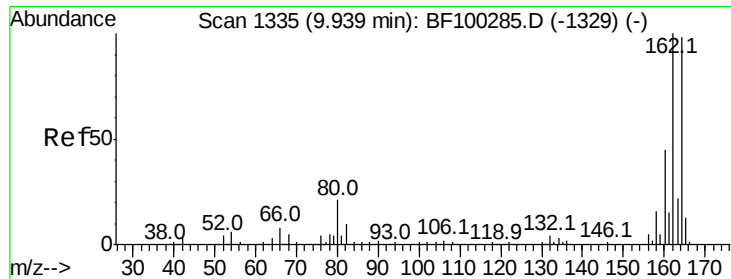
Tot Ion: 82 Resp: 1134919
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 55.7 41.4 62.2



#25
 Isophorone
 Concen: 47.213 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100388.D
 Acq: 10 Nov 2017 14:00

Tgt Ion: 82 Resp: 1131964
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

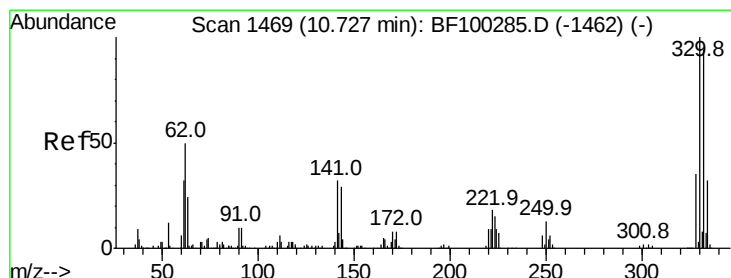
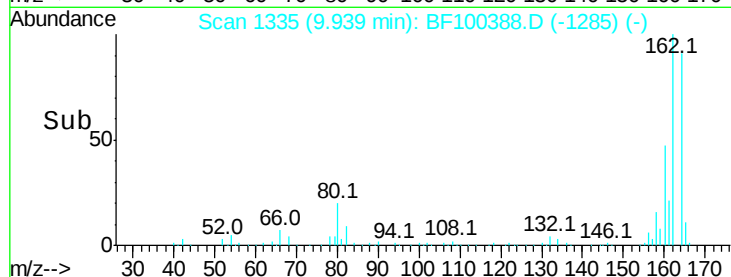
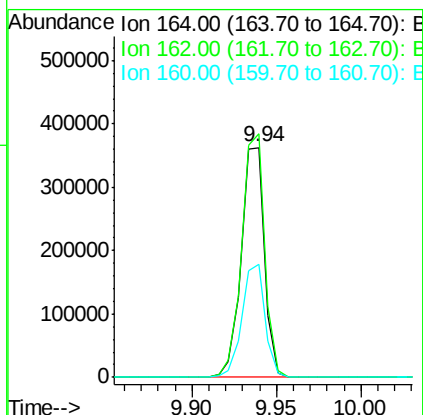
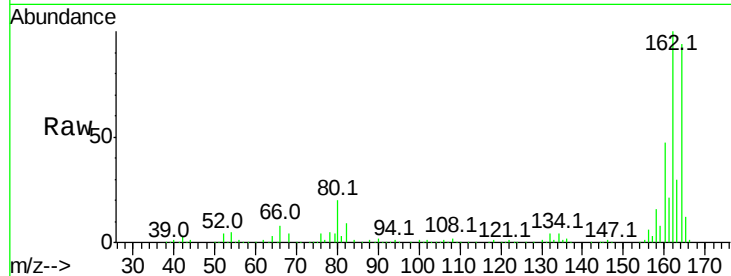




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100388.D
 Acq: 10 Nov 2017 14:00

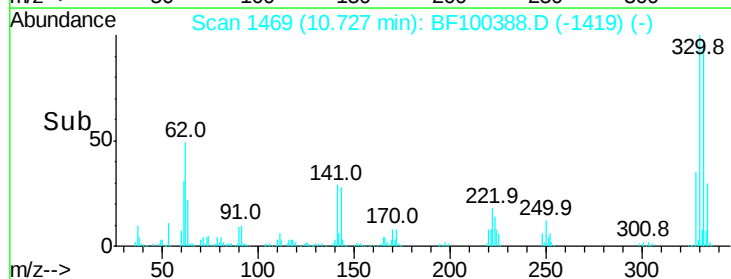
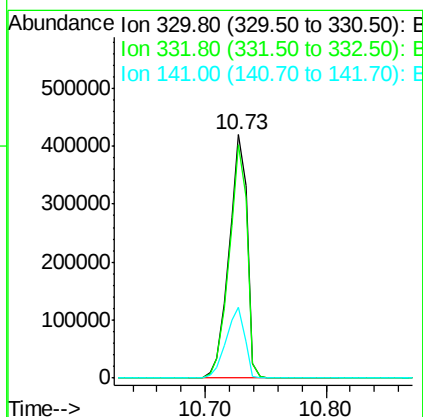
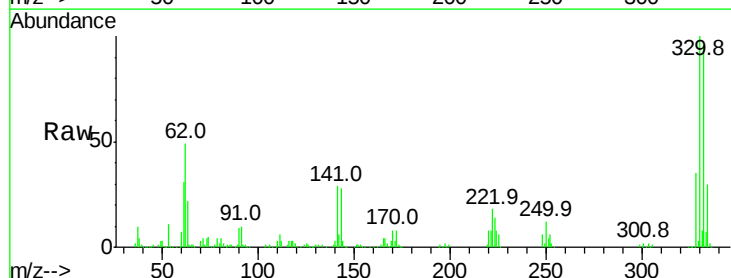
Instrument :
 BNA_F
 ClientSampleId :

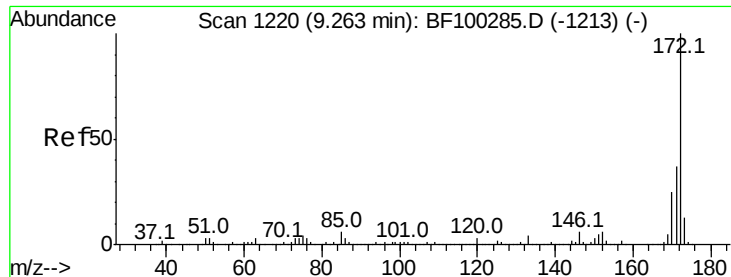
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	49.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 123.428 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100388.D
 Acq: 10 Nov 2017 14:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	29.7	29.9	44.9#

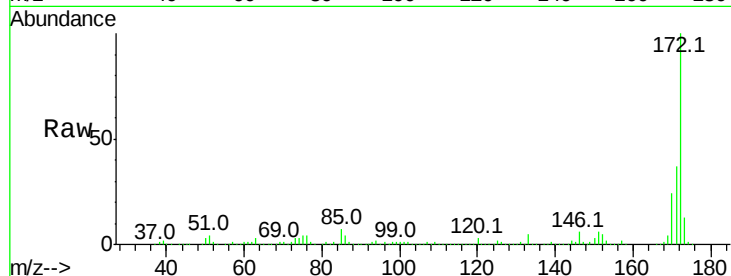




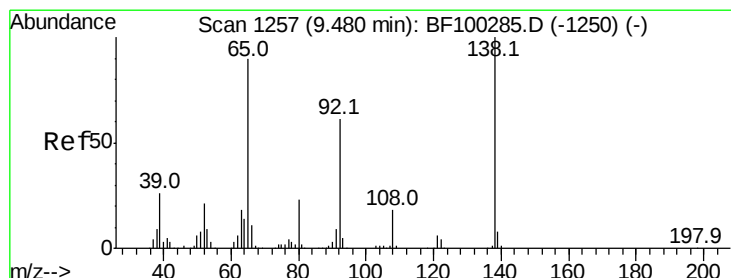
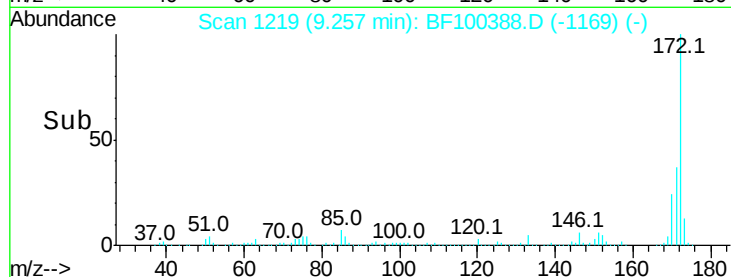
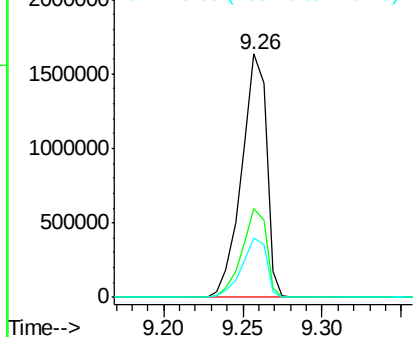
#44
2-Fluorobiphenyl
Concen: 77.994 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100388.D
Acq: 10 Nov 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1777144
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4

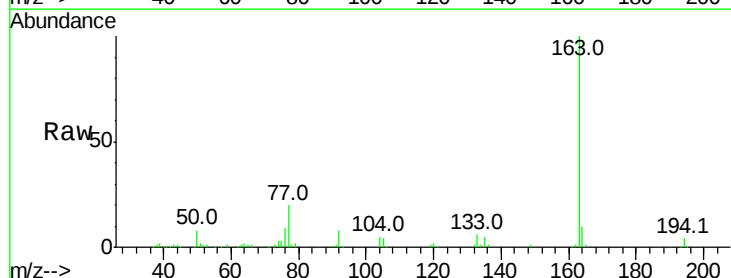


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

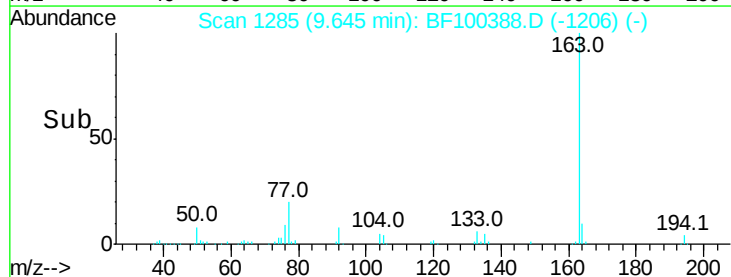
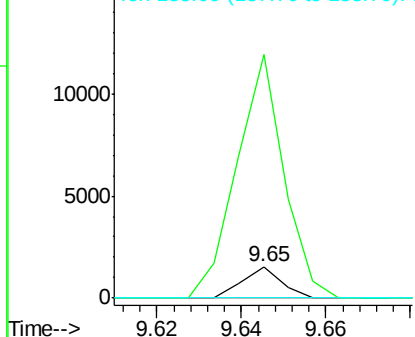


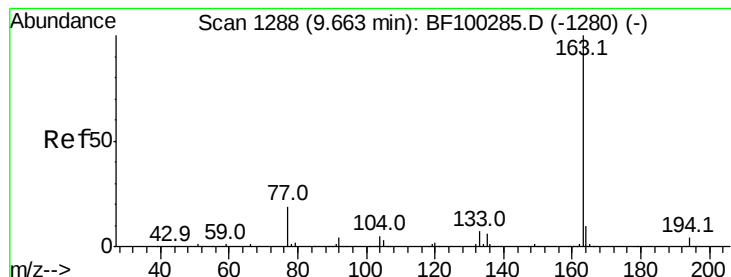
#47
2-Nitroaniline
Concen: 2.929 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100388.D
Acq: 10 Nov 2017 14:00

Tgt Ion: 65 Resp: 989
Ion Ratio Lower Upper
65 100
92 770.9 55.8 83.6#
138 0.0 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: 4.368 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100388.D

Acq: 10 Nov 2017 14:00

Instrument :

BNA_F

ClientSampleId :

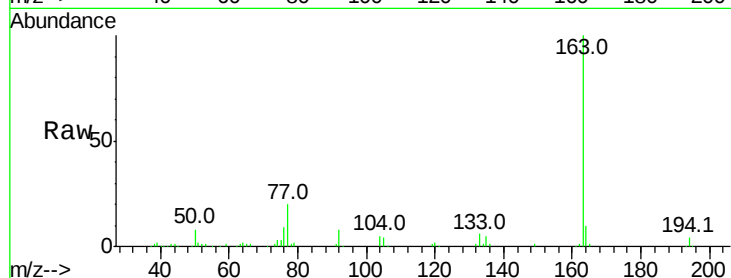
Tot Ion:163 Resp: 115718

Ion Ratio Lower Upper

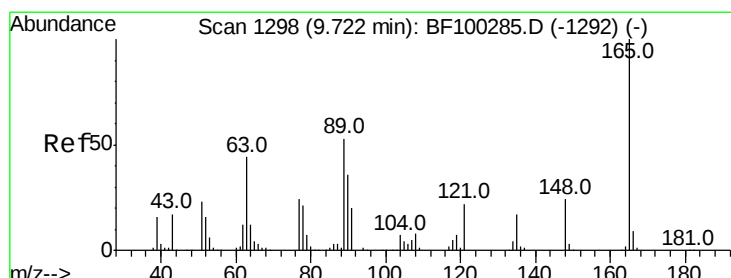
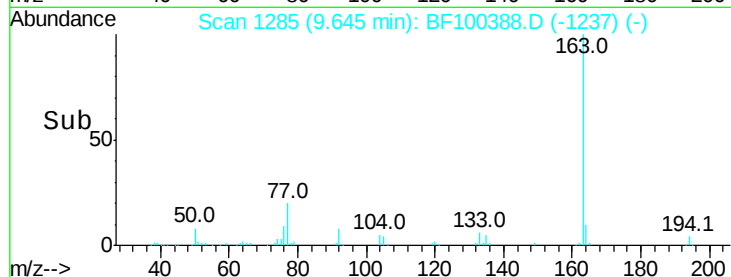
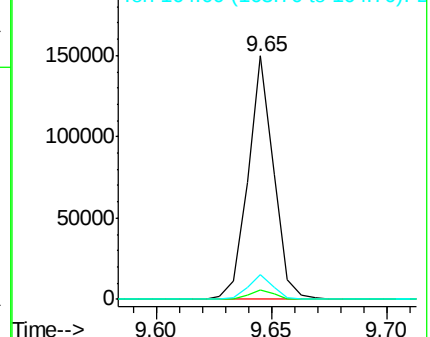
163 100

194 3.8 2.7 4.1

164 10.3 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: 8.476 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

Lab File: BF100388.D

Acq: 10 Nov 2017 14:00

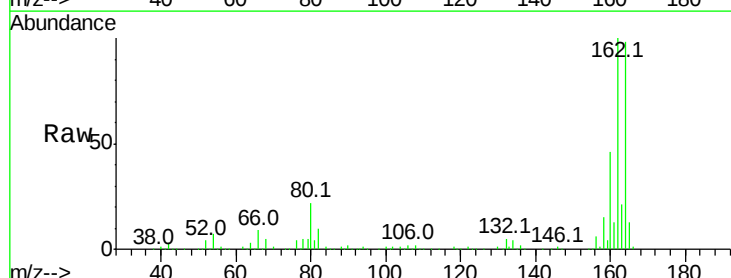
Tgt Ion:165 Resp: 44444

Ion Ratio Lower Upper

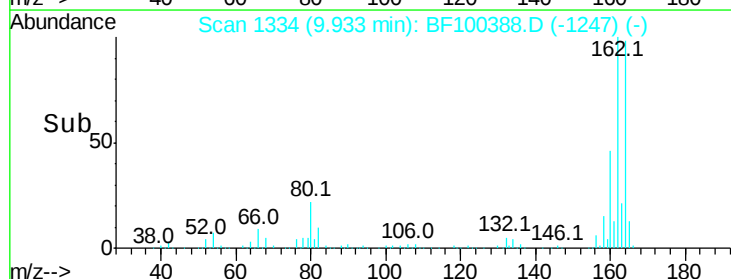
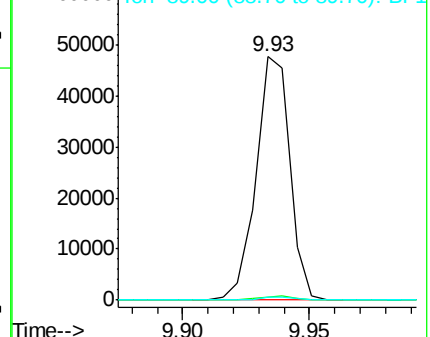
165 100

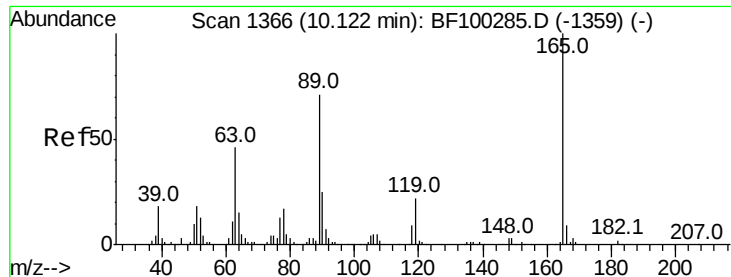
63 1.2 44.7 67.1#

89 1.3 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

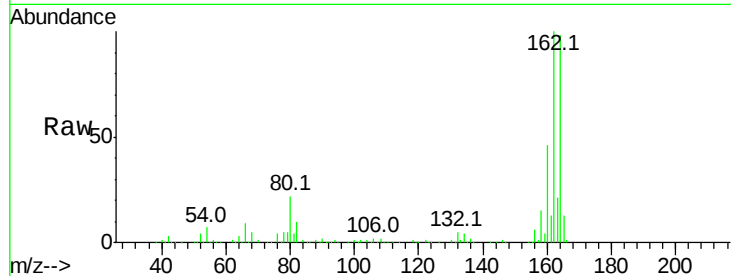




#56
 2,4-Dinitrotoluene
 Concen: 6.718 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100388.D
 Acq: 10 Nov 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

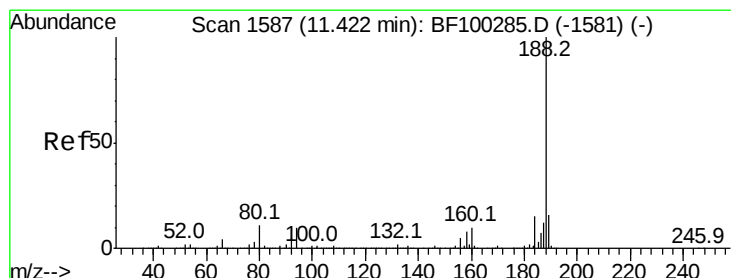
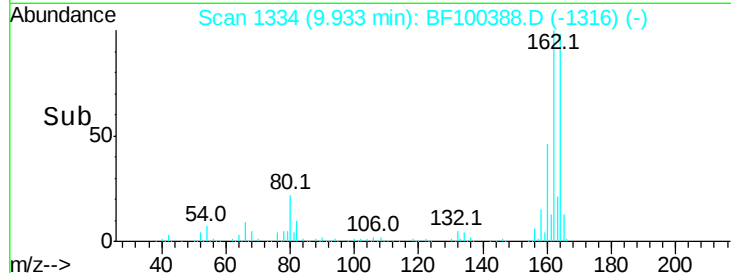
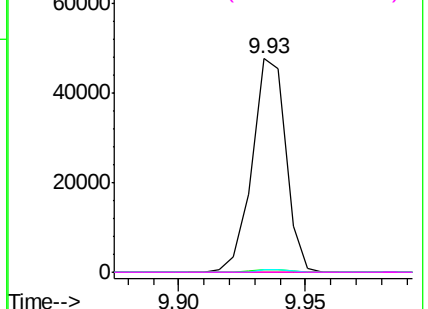


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

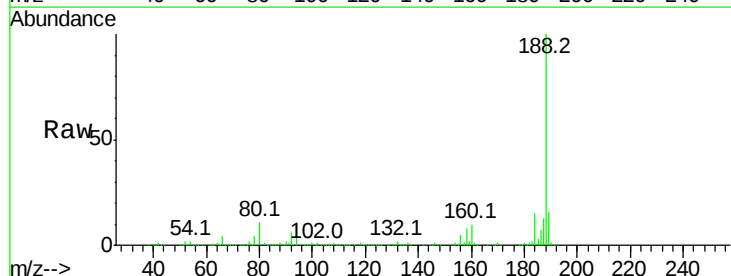
Ion 89.00 (88.70 to 89.70): BF1

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: BF100388.D
 Acq: 10 Nov 2017 14:00

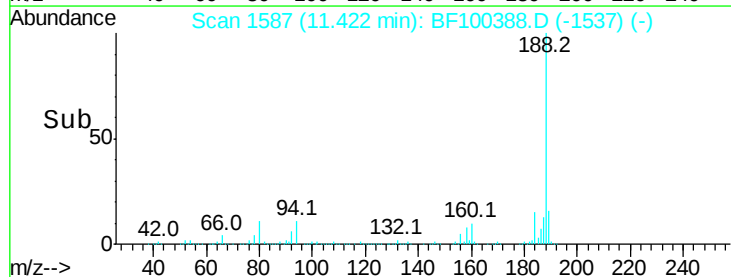
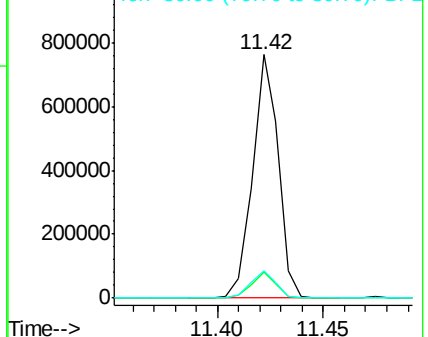
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8

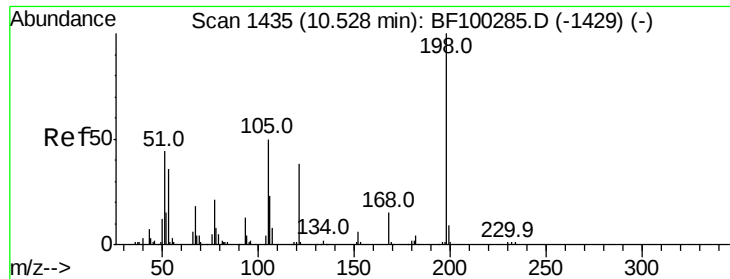


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.788 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100388.D

Acq: 10 Nov 2017 14:00

Instrument :

BNA_F

ClientSampleId :

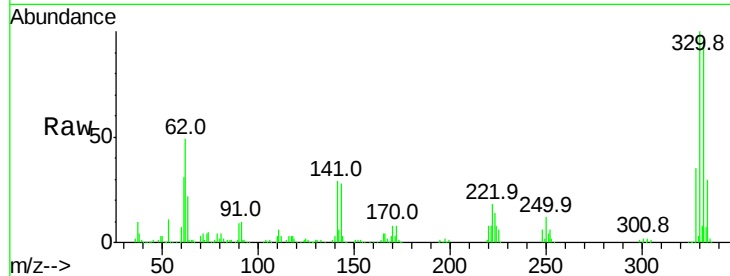
Tot Ion:198 Resp: 864

Ion Ratio Lower Upper

198 100

51 238.2 37.7 77.7#

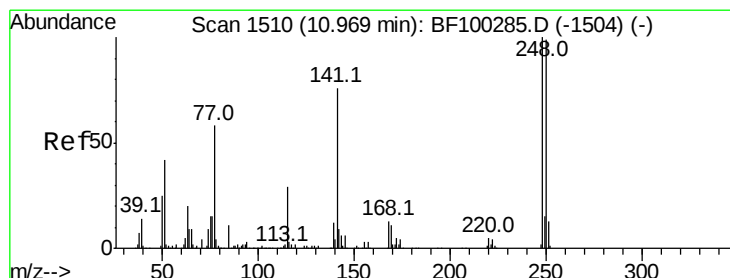
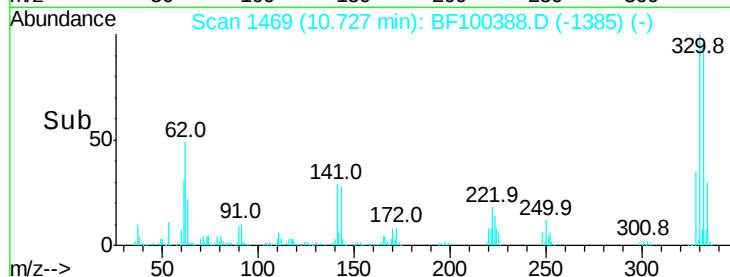
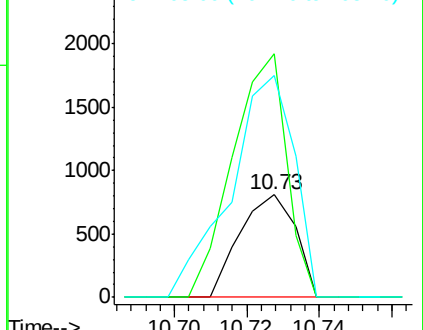
105 216.7 36.3 76.3#



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: 3.871 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100388.D

Acq: 10 Nov 2017 14:00

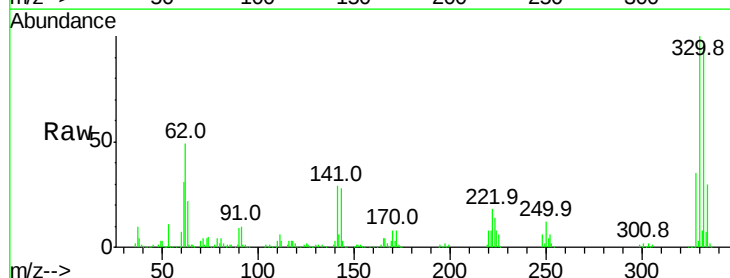
Tgt Ion:248 Resp: 26720

Ion Ratio Lower Upper

248 100

250 195.4 76.9 115.3#

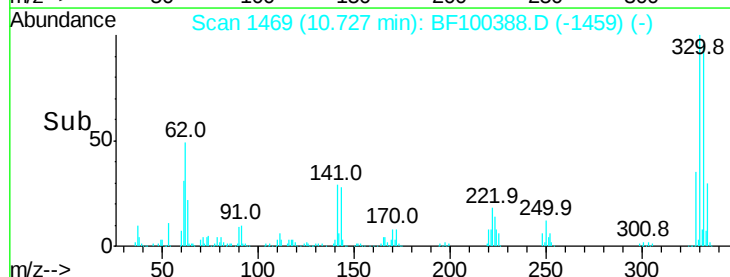
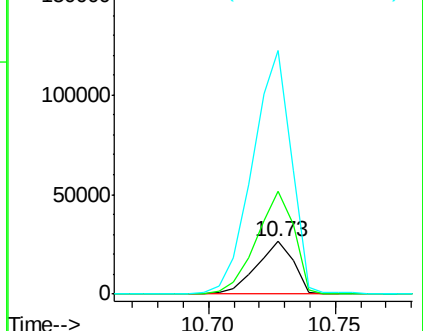
141 463.9 74.4 111.6#

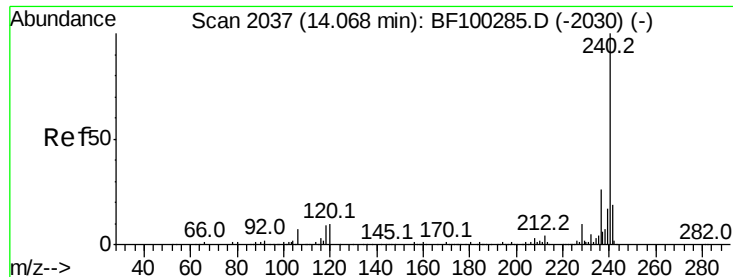


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF100388.D

Acq: 10 Nov 2017 14:00

Instrument :

BNA_F

ClientSampleId :

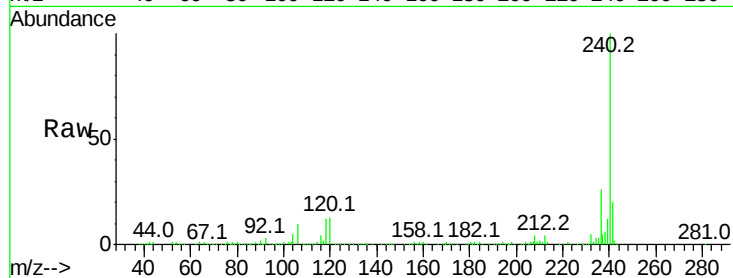
Tot Ion:240 Resp: 444956

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

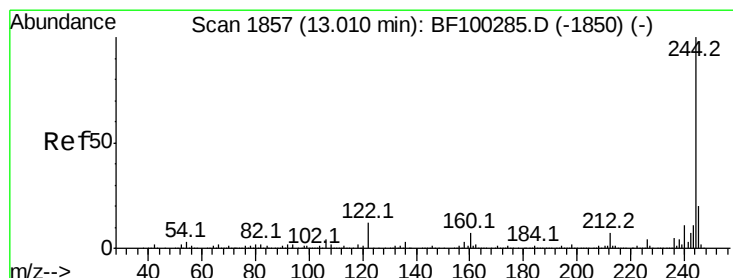
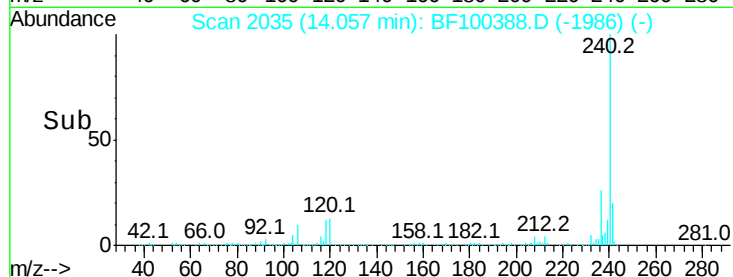
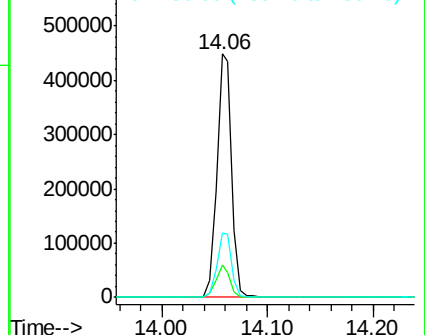
236 26.3 20.7 31.1



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: 80.074 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100388.D

Acq: 10 Nov 2017 14:00

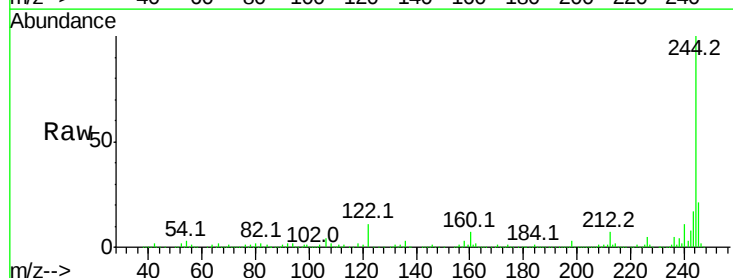
Tgt Ion:244 Resp: 1550641

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

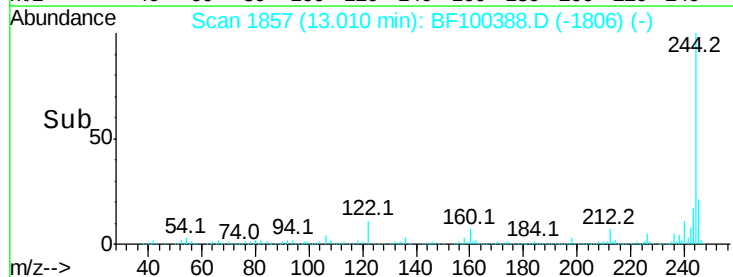
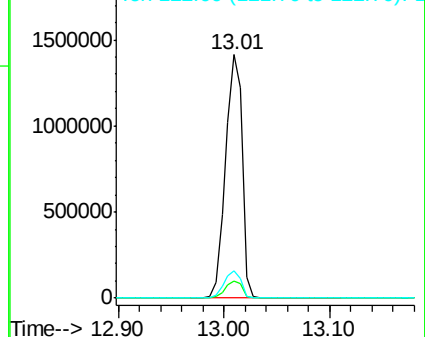
122 11.4 11.0 16.4

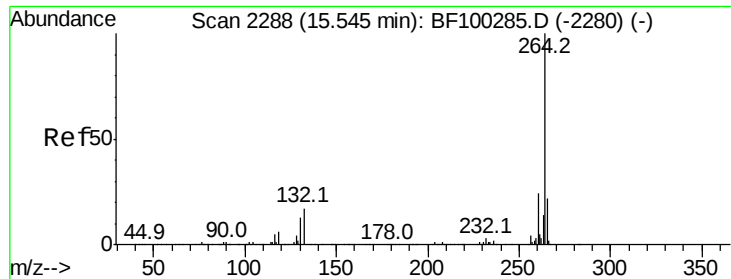


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2288
Delta R.T. -0.00 min
Lab File: BF100388.D
Acq: 10 Nov 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

