

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100384.D
 Acq On : 10 Nov 2017 12:12
 Operator : SJ/JU
 Sample : I6346-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 15:46:28 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

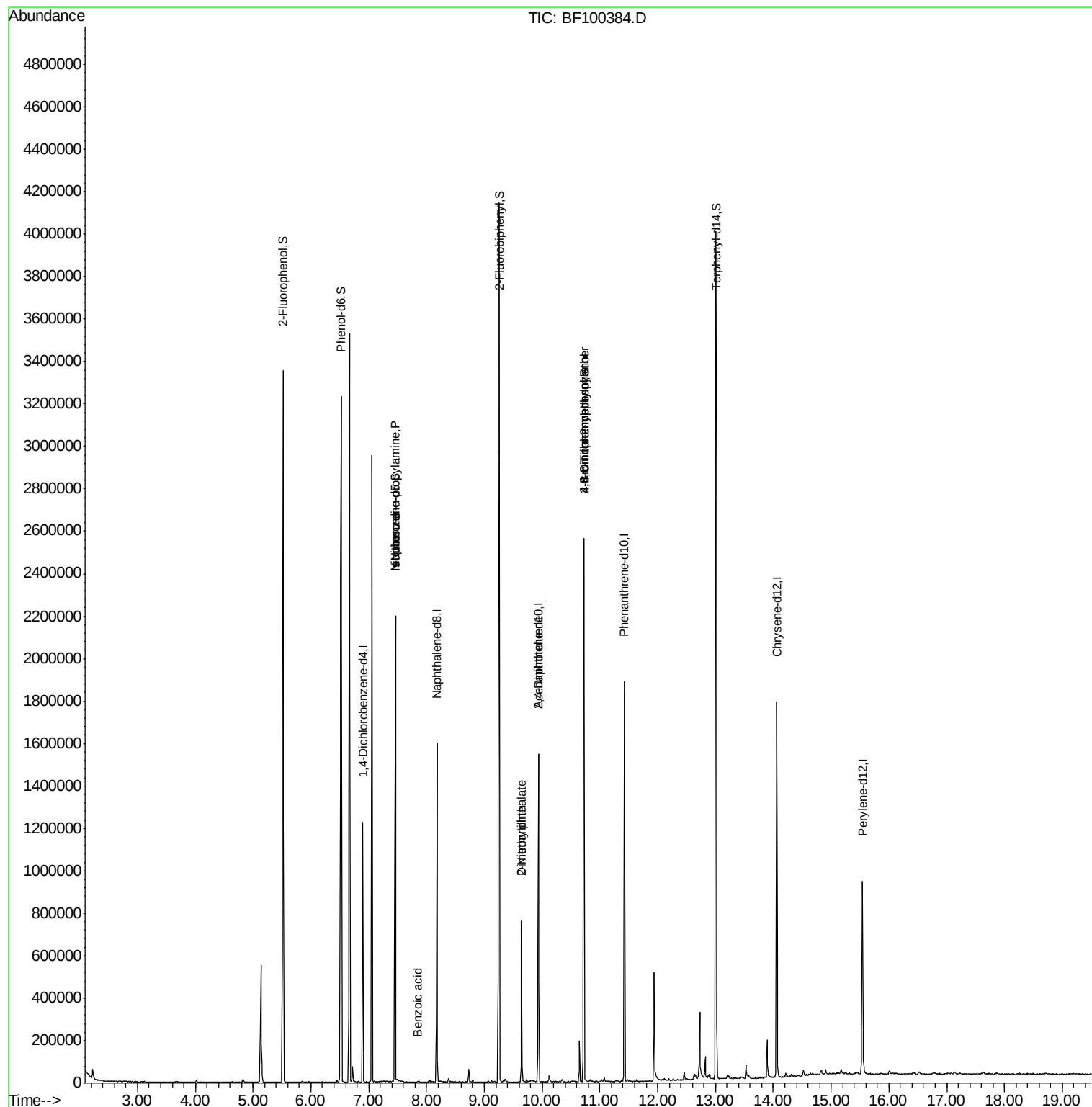
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	169132	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	674977	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	326699	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	667833	20.00	ng	0.00
75) Chrysene-d12	14.06	240	582131	20.00	ng	0.00
86) Perylene-d12	15.54	264	442146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	988465	93.68	ng	0.00
7) Phenol-d6	6.52	99	1234690	94.90	ng	0.00
23) Nitrobenzene-d5	7.46	82	770741	75.49	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	359609	108.02	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1391664	64.86	ng	0.00
78) Terphenyl-d14	13.01	244	1412821	55.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	103247	11.443	ng	# 78
25) Isophorone	7.46	82	769860	35.884	ng	# 64
32) Benzoic acid	7.85	122	329	9.407	ng	# 65
47) 2-Nitroaniline	9.65	65	2632	3.193	ng	# 1
49) Dimethylphthalate	9.65	163	287624	11.531	ng	100
56) 2,4-Dinitrotoluene	9.93	165	42523	6.827	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	744	8.751	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	22424	3.132	ng	# 1

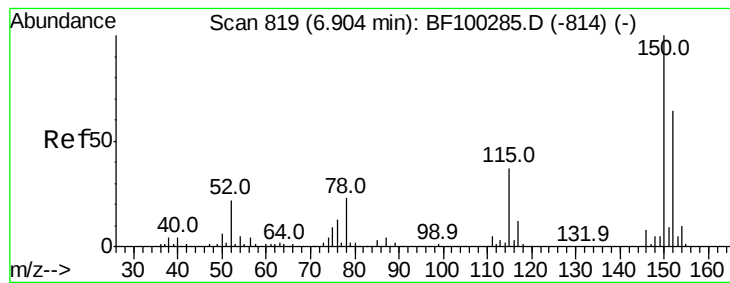
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 10 15:46:28 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



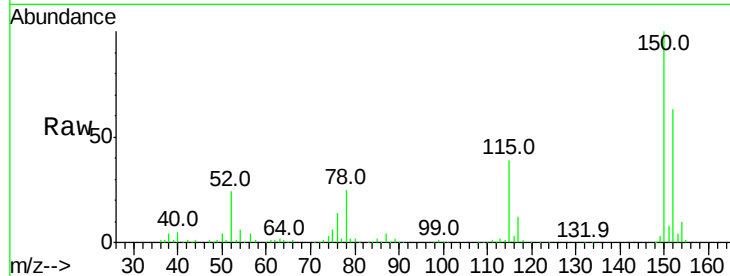


#1

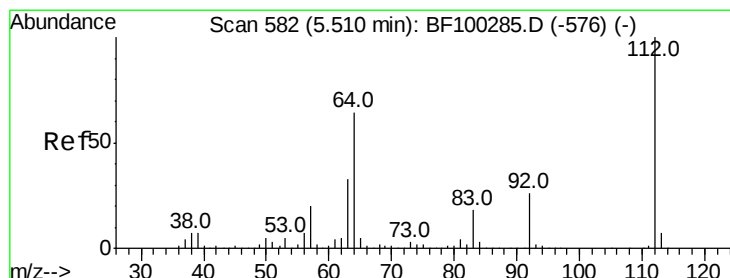
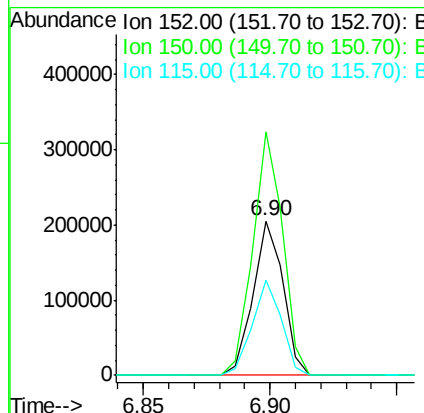
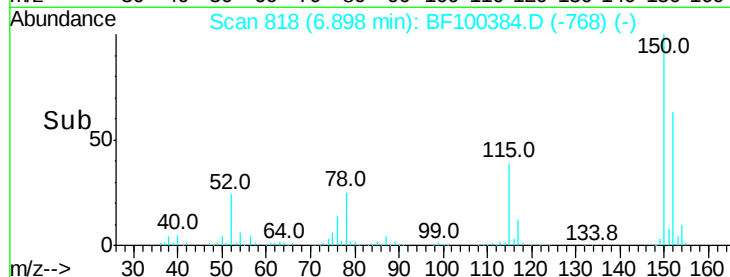
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169132
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.4 50.1 75.1



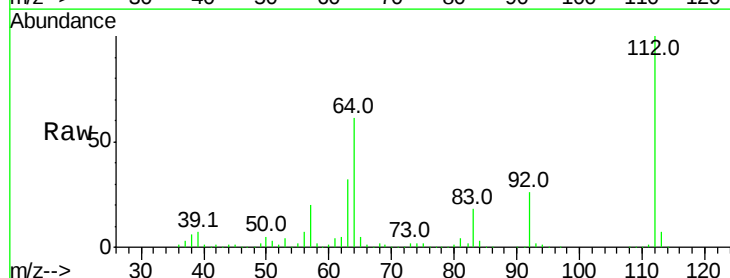
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



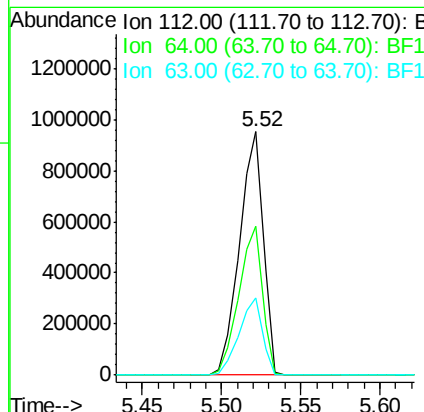
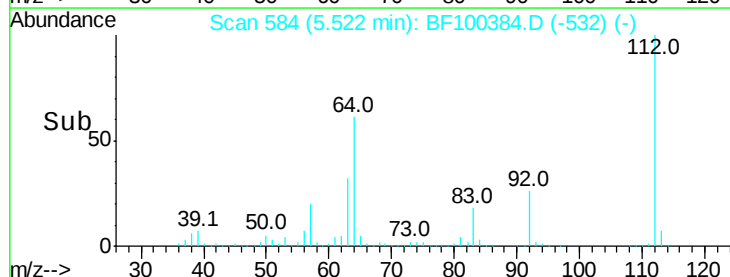
#5

2-Fluorophenol
Concen: 93.684 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Tgt Ion:112 Resp: 988465
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 31.6 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: 94.897 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100384.D

Acq: 10 Nov 2017 12:12

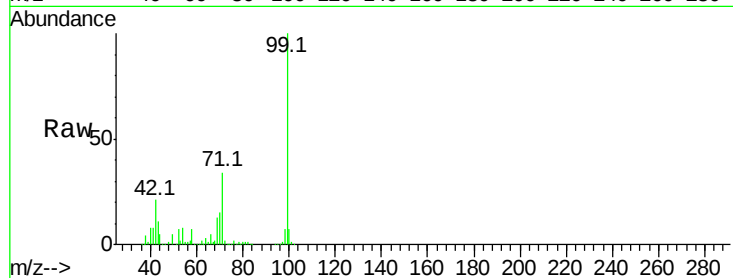
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1234690

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	34.2	25.4	38.0

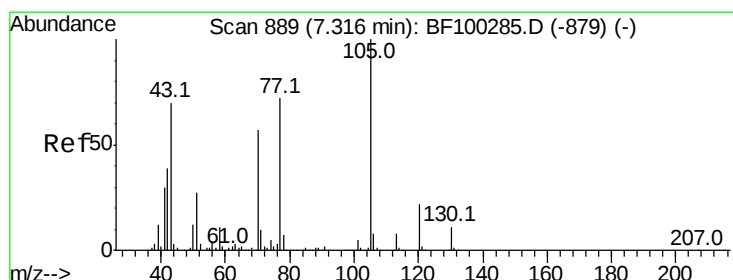
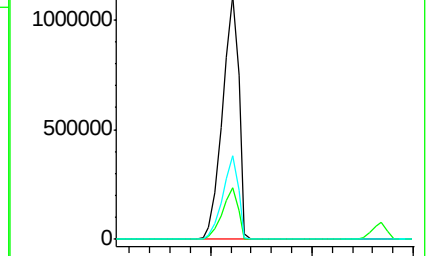
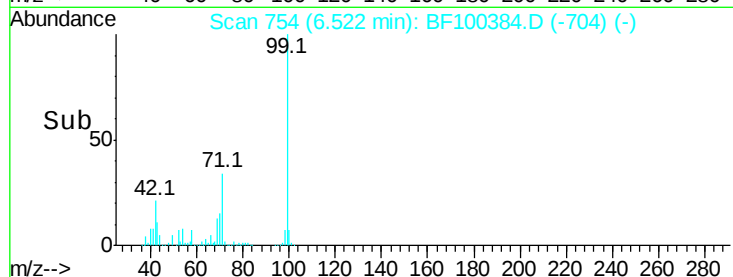


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.443 ng

RT: 7.46 min Scan# 914

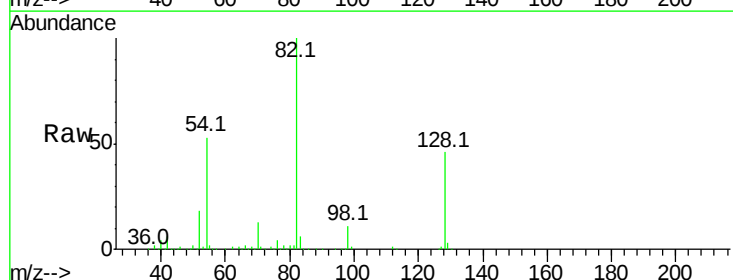
Delta R.T. 0.15 min

Lab File: BF100384.D

Acq: 10 Nov 2017 12:12

Tgt Ion: 70 Resp: 103247

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



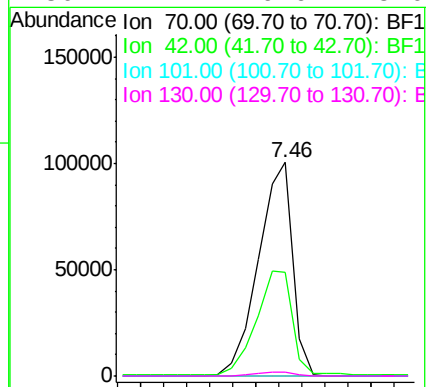
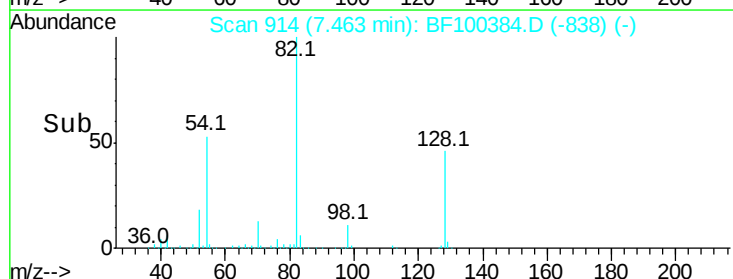
Abundance

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

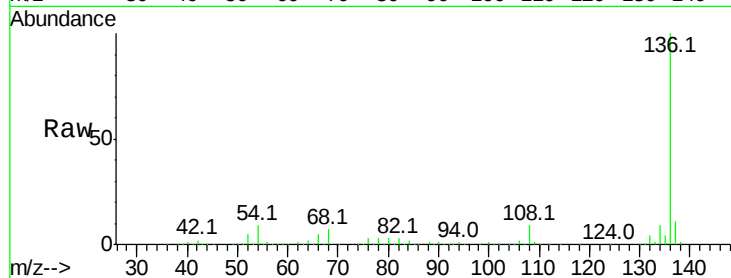




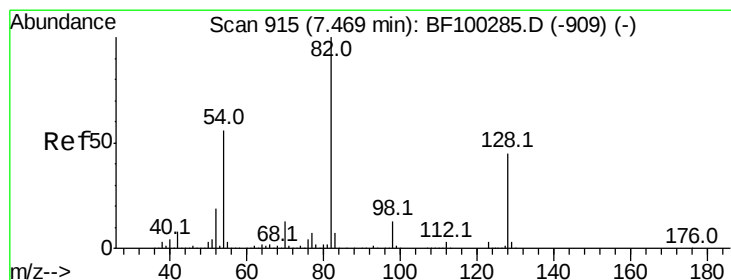
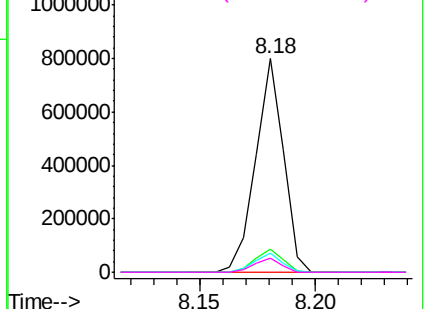
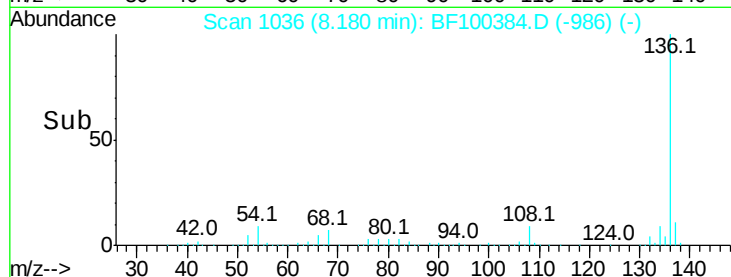
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 674977
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 8.8	6.6 9.8
68 6.5	5.0 7.4

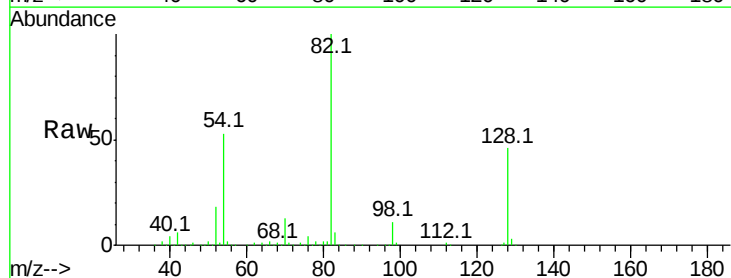


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

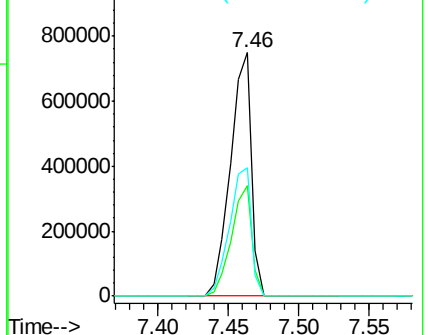
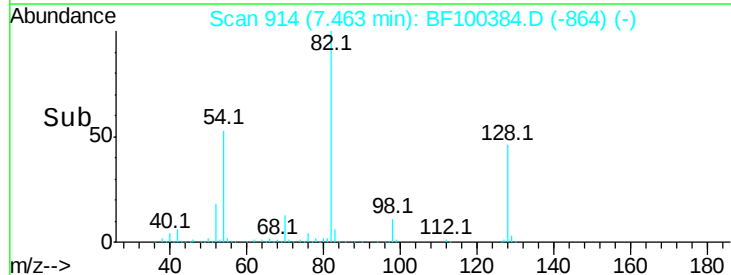


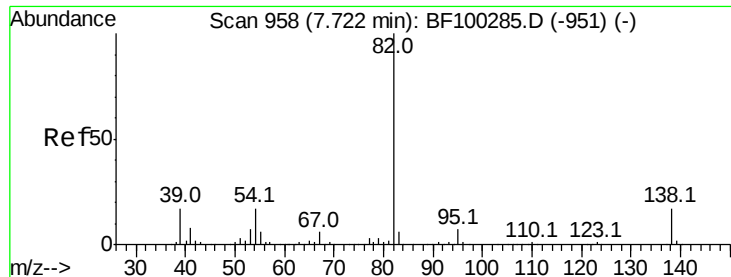
#23
Nitrobenzene-d5
Concen: 75.493 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Tgt Ion: 82	Resp: 770741
Ion Ratio	Lower Upper
82 100	
128 45.5	36.1 54.1
54 52.9	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: 35.884 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100384.D

Acq: 10 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

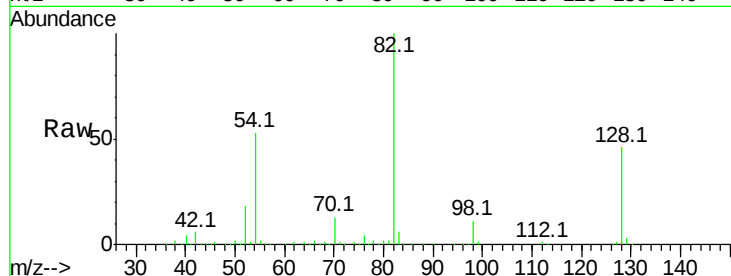
Tot Ion: 82 Resp: 769860

Ion Ratio Lower Upper

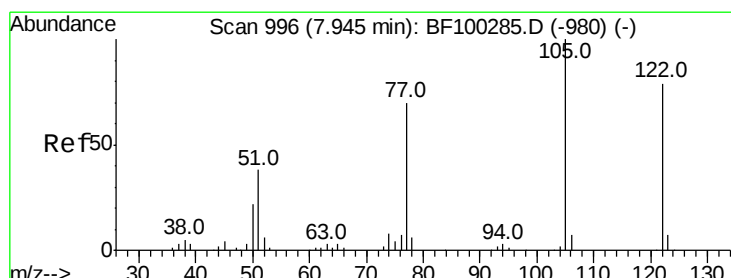
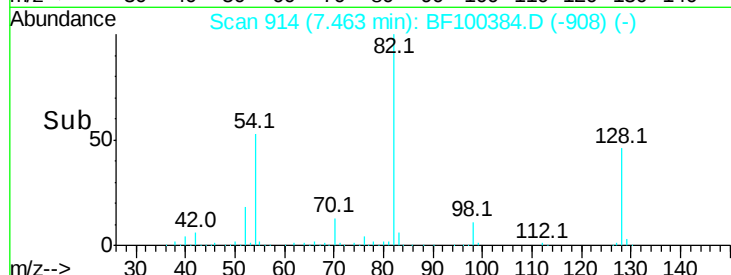
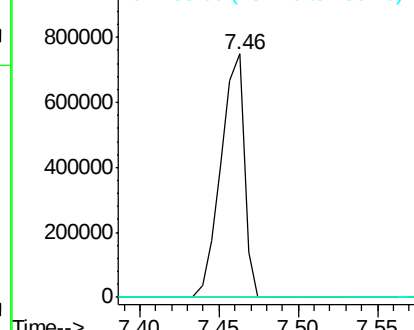
82 100

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: 9.407 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.10 min

Lab File: BF100384.D

Acq: 10 Nov 2017 12:12

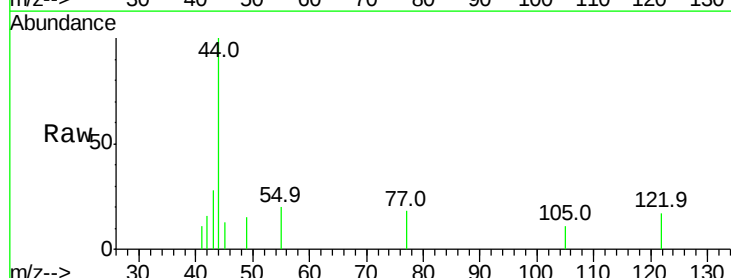
Tgt Ion:122 Resp: 329

Ion Ratio Lower Upper

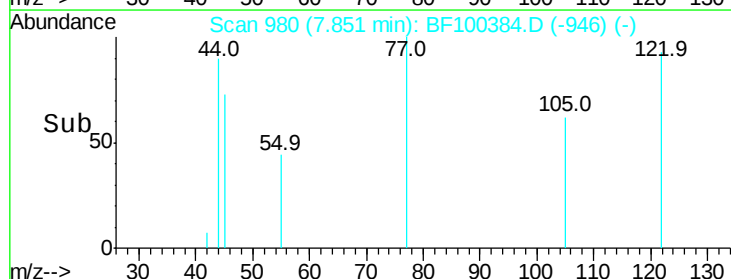
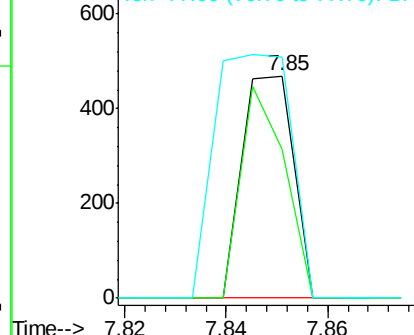
122 100

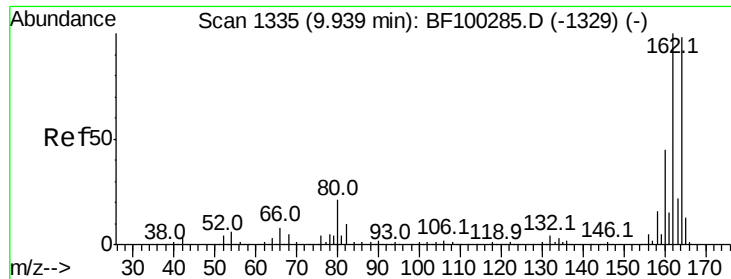
105 67.2 101.1 141.1#

77 108.1 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

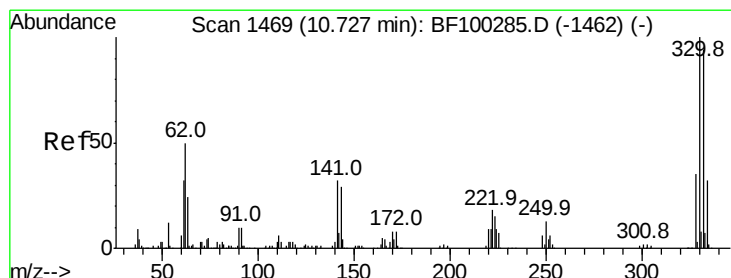
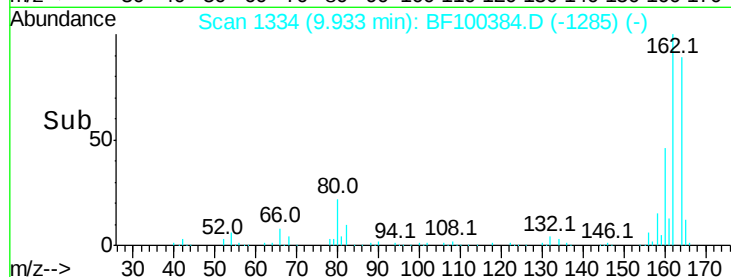
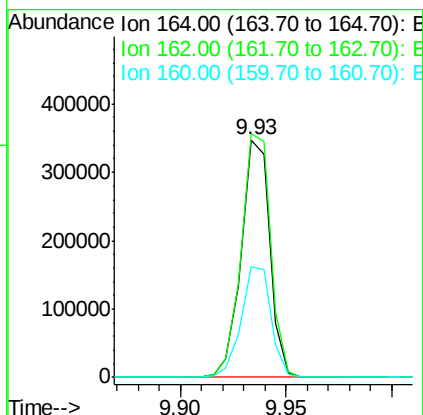
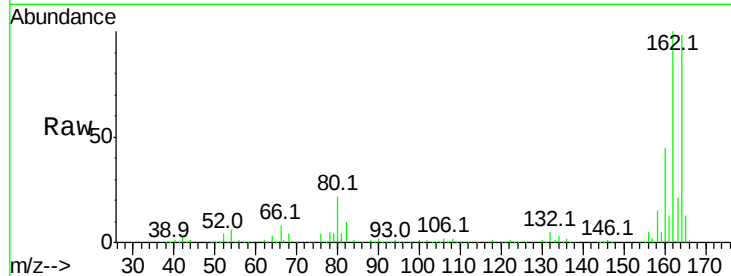




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

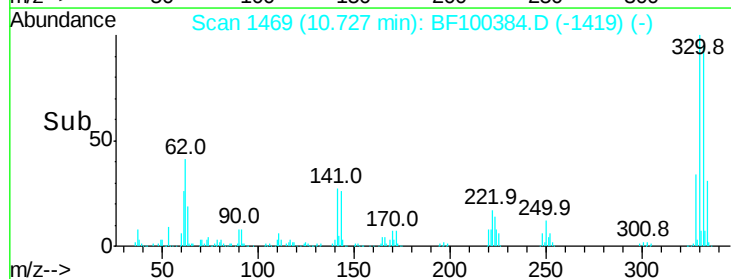
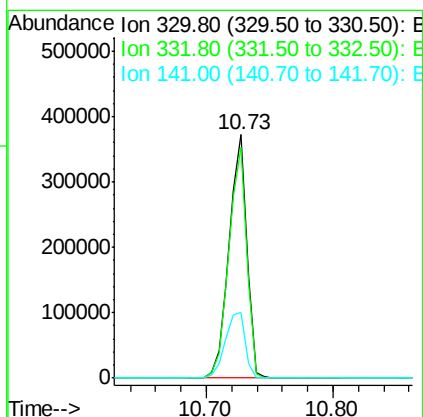
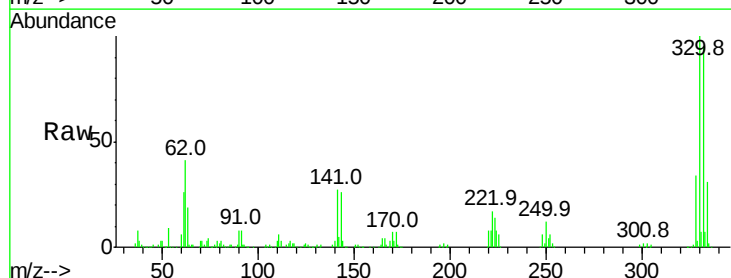
Instrument :
BNA_F
ClientSampled :

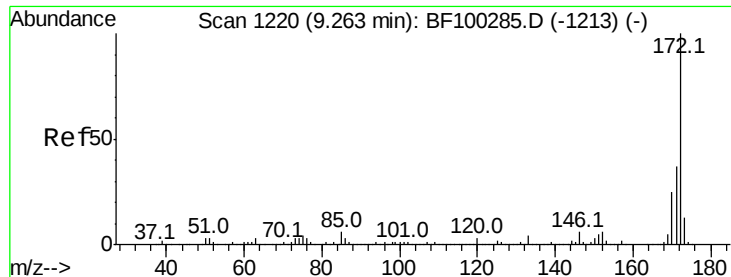
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.5	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 108.021 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	30.5	29.9	44.9



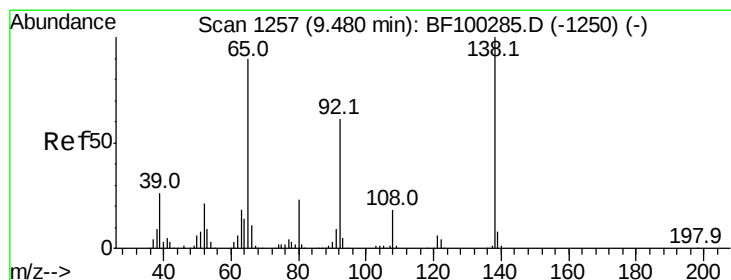
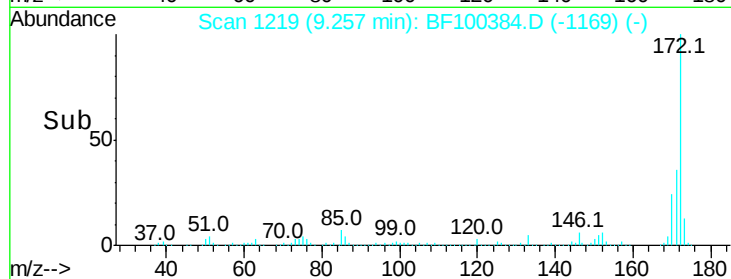
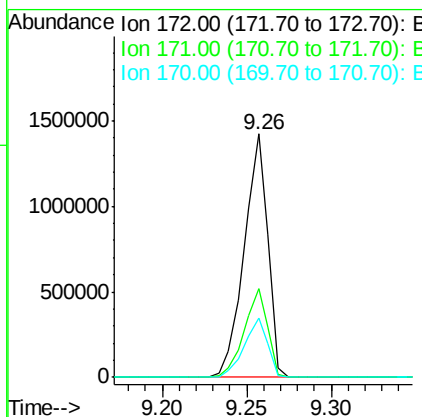
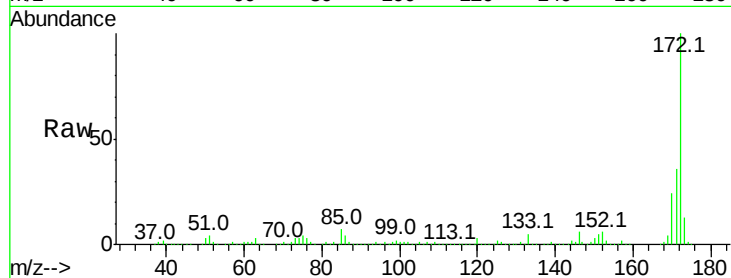


#44
 2-Fluorobiphenyl
 Concen: 64.864 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100384.D
 Acq: 10 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1391664

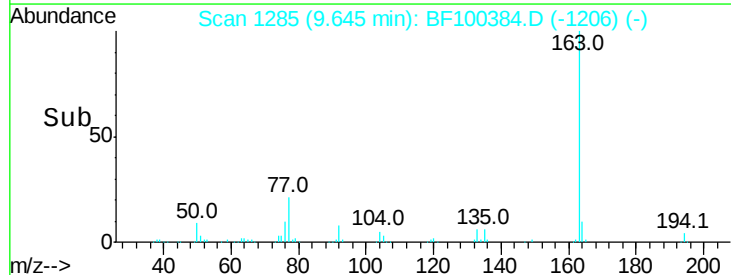
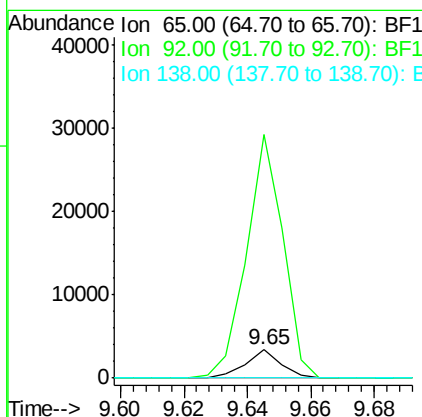
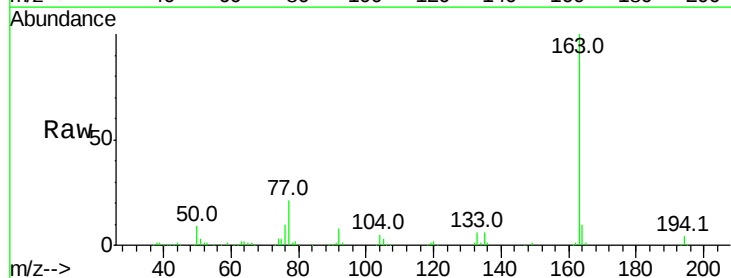
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

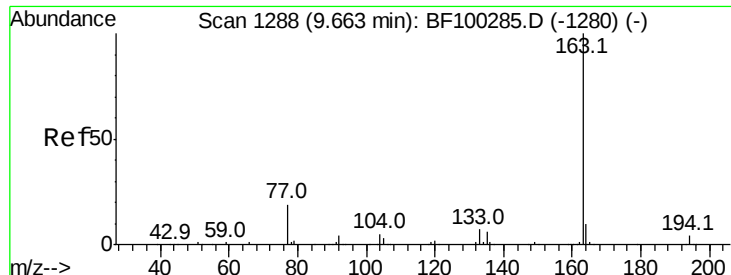


#47
 2-Nitroaniline
 Concen: 3.193 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100384.D
 Acq: 10 Nov 2017 12:12

Tgt Ion: 65 Resp: 2632

Ion	Ratio	Lower	Upper
65	100		
92	867.1	55.8	83.6#
138	0.0	91.2	136.8#

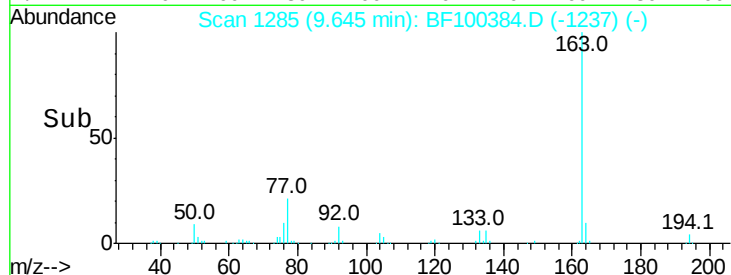
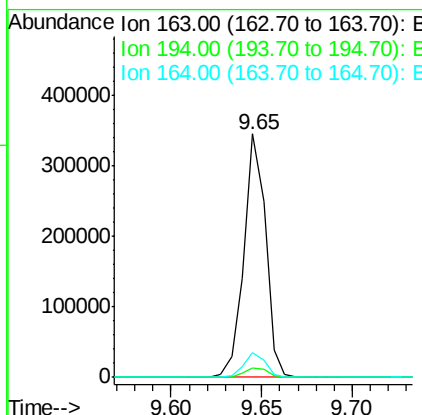
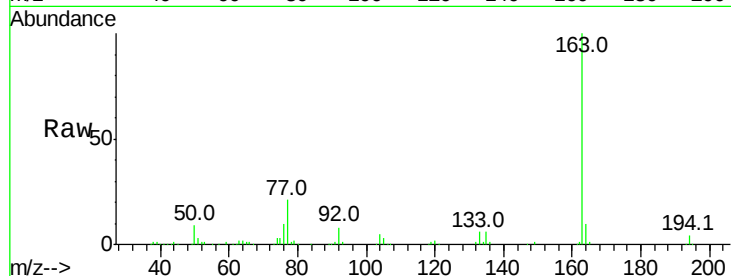




#49
Dimethylphthalate
Concen: 11.531 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

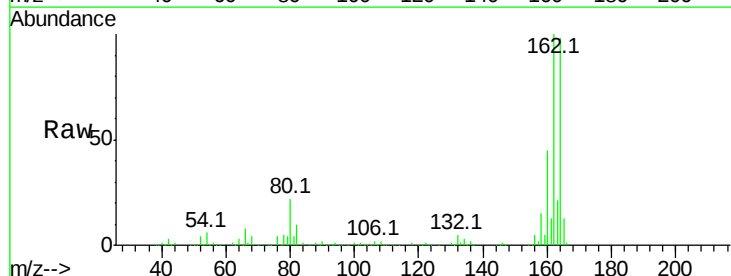
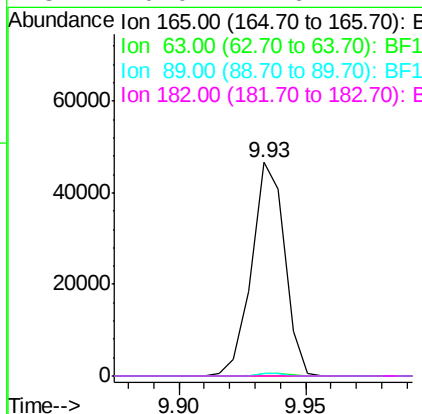
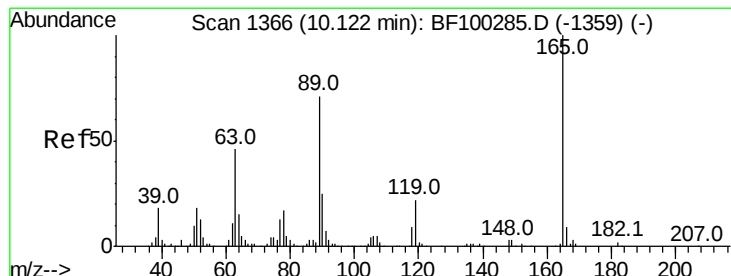
Instrument :
BNA_F
ClientSampleId :

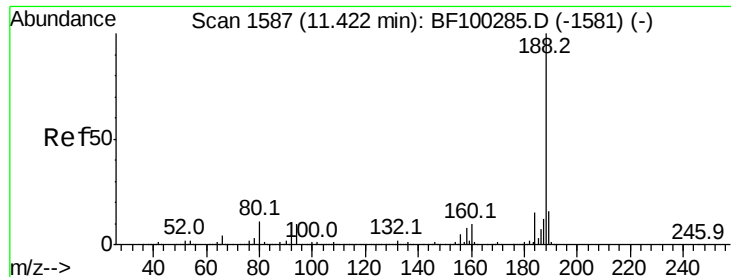
Tot Ion:163 Resp: 287624
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.827 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Tgt Ion:165 Resp: 42523
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100384.D

Acq: 10 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

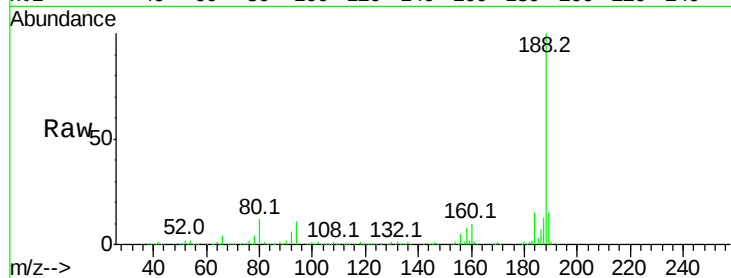
Tot Ion:188 Resp: 667833

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

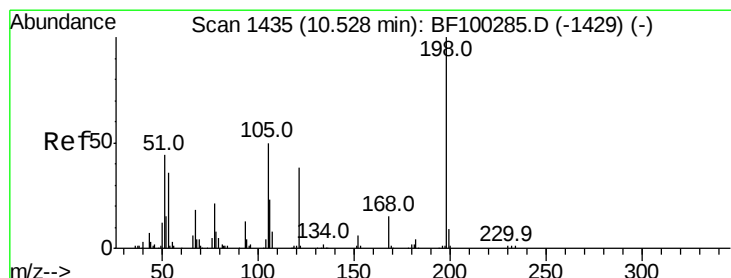
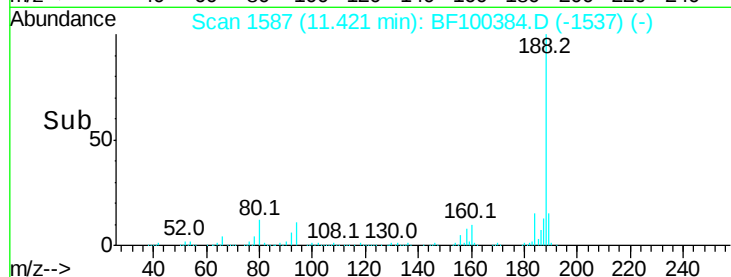
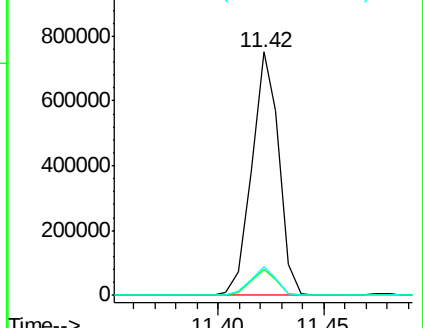
80 11.5 9.2 13.8



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: 8.751 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100384.D

Acq: 10 Nov 2017 12:12

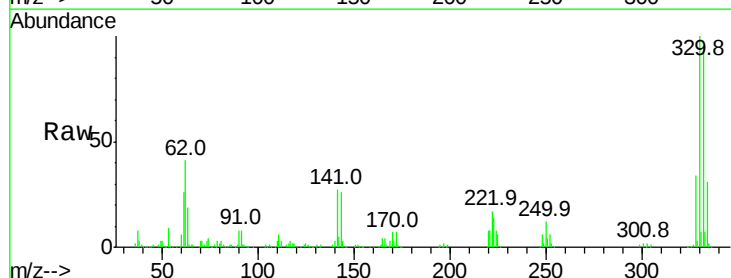
Tgt Ion:198 Resp: 744

Ion Ratio Lower Upper

198 100

51 149.2 37.7 77.7#

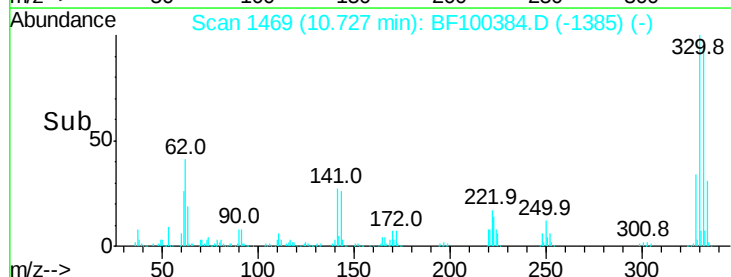
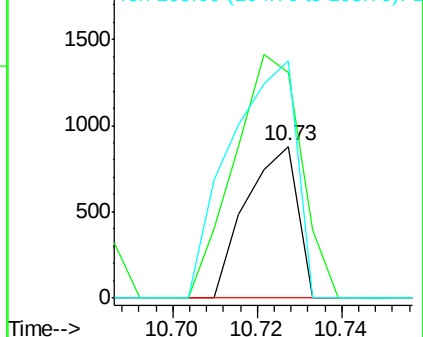
105 156.9 36.3 76.3#

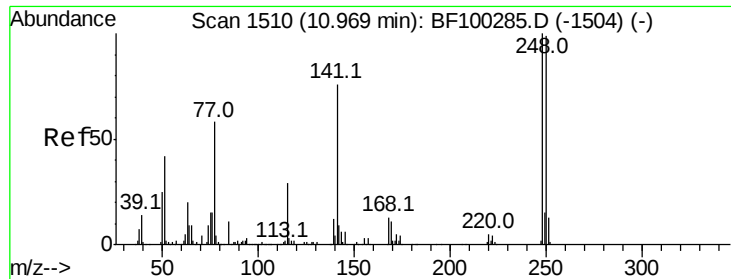


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

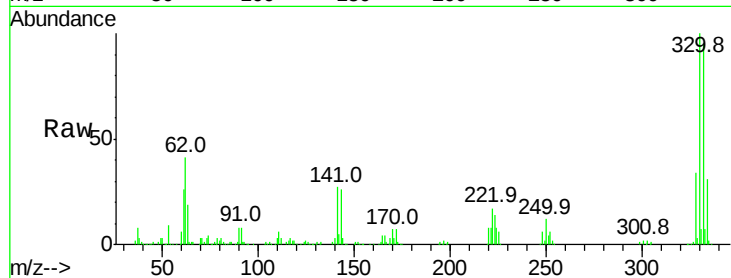




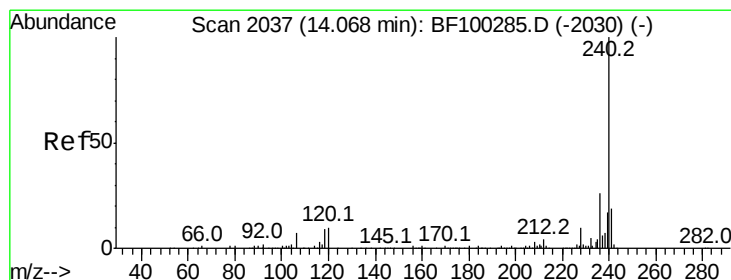
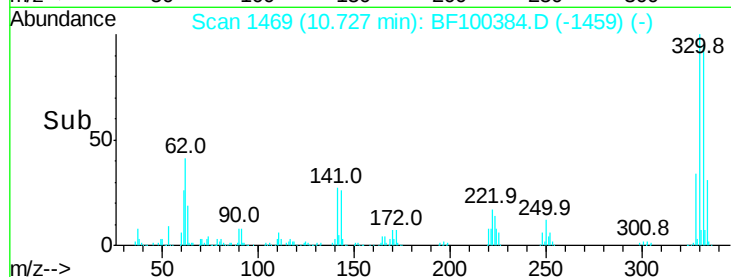
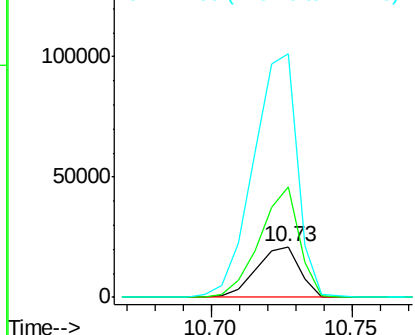
#66
4-Bromophenyl-phenylether
Concen: 3.132 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 22424
Ion Ratio Lower Upper
248 100
250 218.0 76.9 115.3#
141 480.7 74.4 111.6#

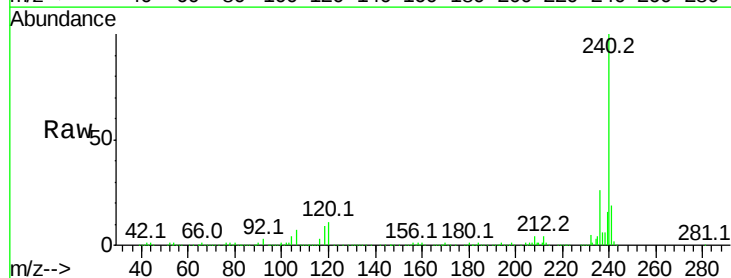


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

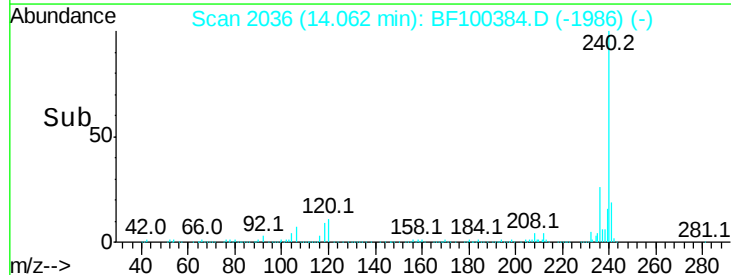
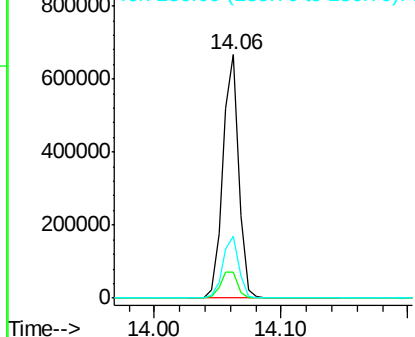


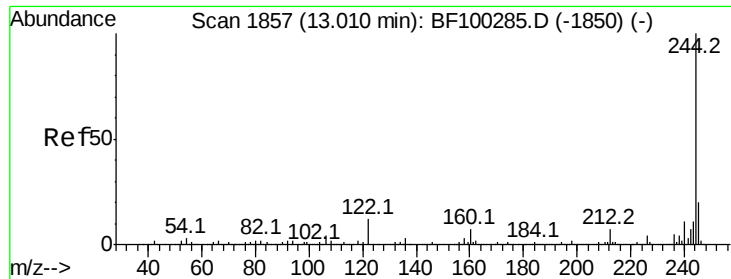
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100384.D
Acq: 10 Nov 2017 12:12

Tgt Ion:240 Resp: 582131
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.5 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: 55.765 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100384.D

Acq: 10 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

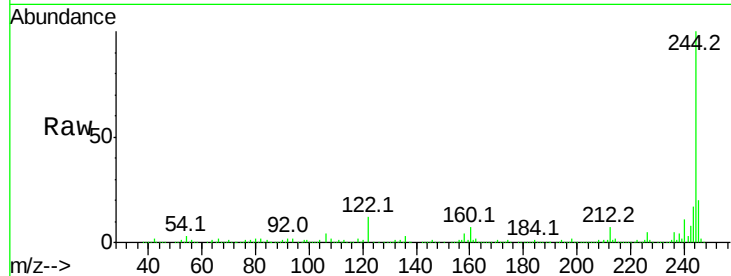
Tot Ion:244 Resp: 1412821

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

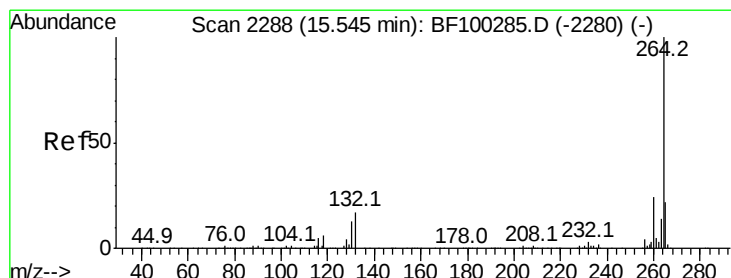
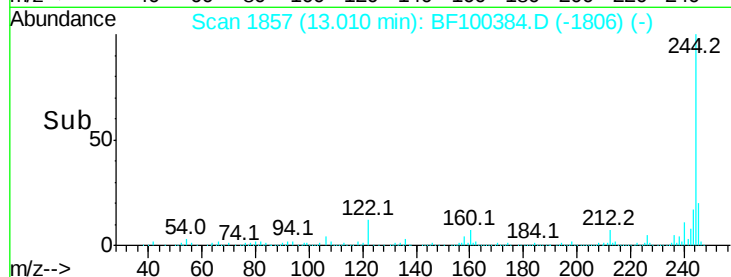
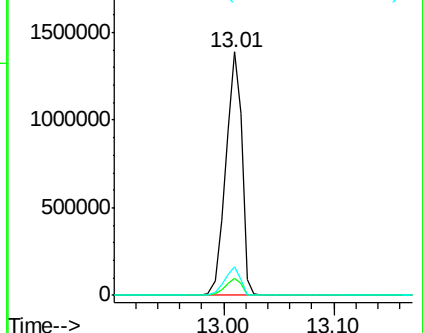
122 11.7 11.0 16.4



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: BF100384.D

Acq: 10 Nov 2017 12:12

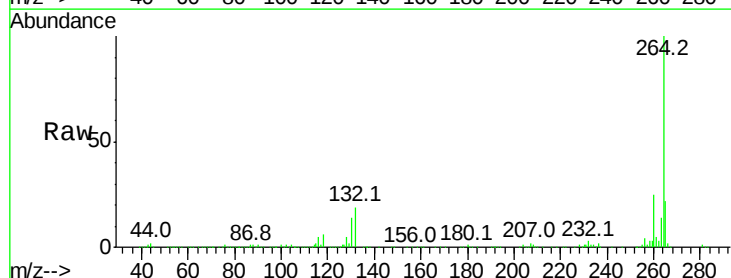
Tgt Ion:264 Resp: 442146

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.3 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

