

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100390.D
 Acq On : 10 Nov 2017 14:53
 Operator : SJ/JU
 Sample : I6382-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 15:48:31 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

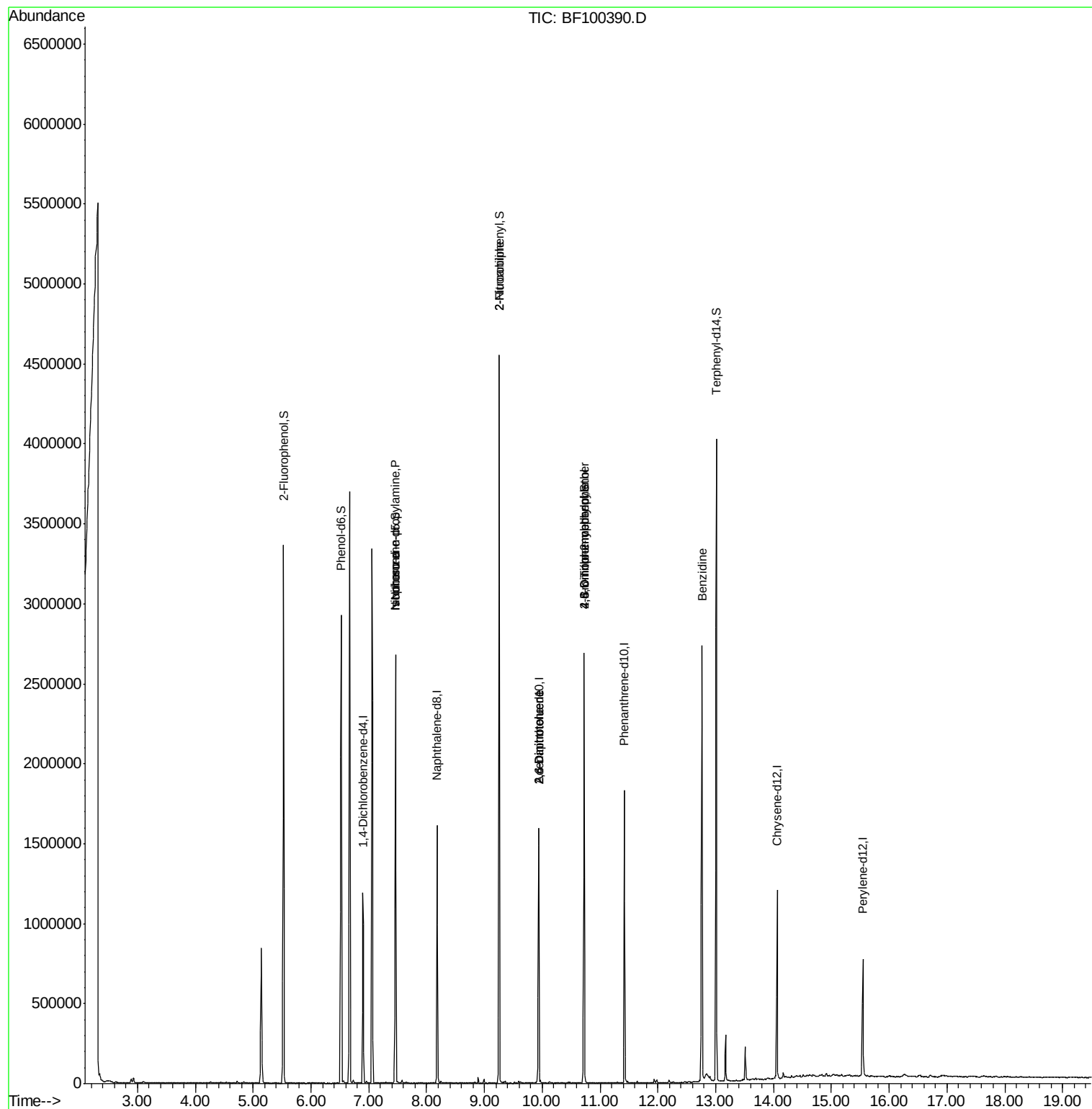
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	168766	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	688483	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	322775	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	615676	20.00	ng	0.00
75) Chrysene-d12	14.06	240	428613	20.00	ng	0.00
86) Perylene-d12	15.54	264	373732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	993216	94.34	ng	0.01
7) Phenol-d6	6.52	99	1076129	82.89	ng	0.00
23) Nitrobenzene-d5	7.46	82	906483	87.05	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	360055	109.47	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1613195	76.10	ng	0.00
78) Terphenyl-d14	13.01	244	1489729	79.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	119634	13.287	ng	# 83
25) Isophorone	7.46	82	904053	41.312	ng	# 64
47) 2-Nitroaniline	9.26	65	2278	3.142	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	41620	8.532	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	41620	6.763	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	772	8.774	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	22984	3.482	ng	# 1
76) Benzidine	12.76	184	1090137	63.509	ng	97

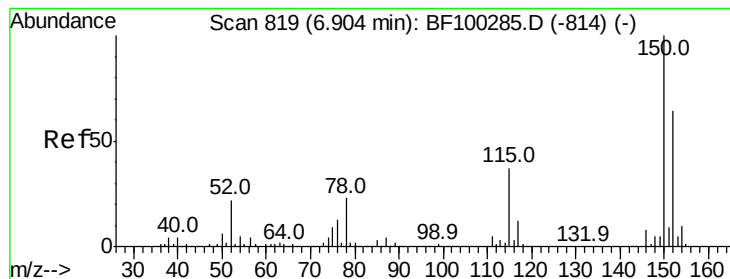
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100390.D
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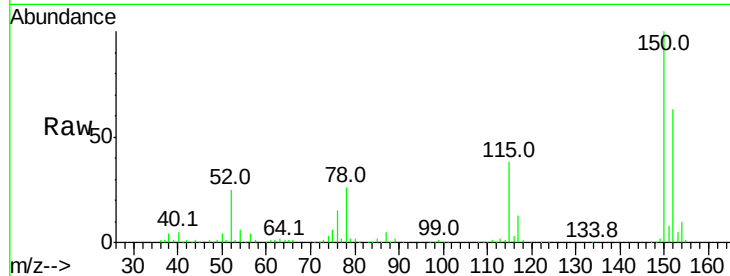


#1

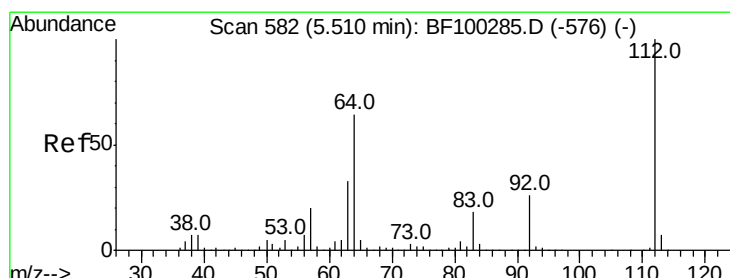
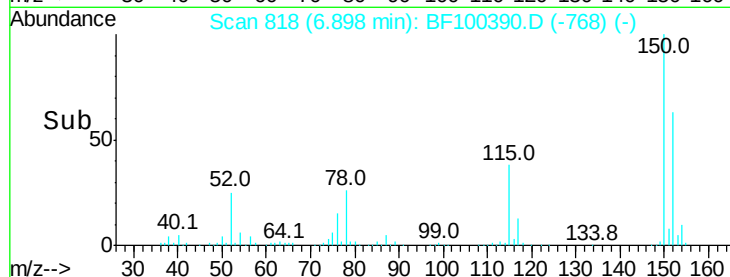
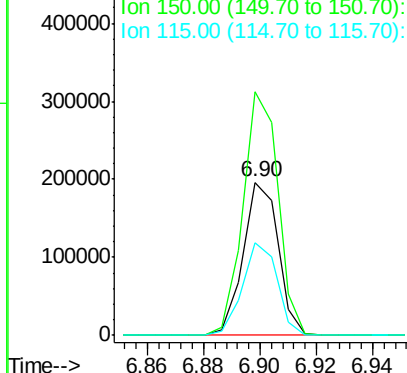
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 168766
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 61.0 50.1 75.1



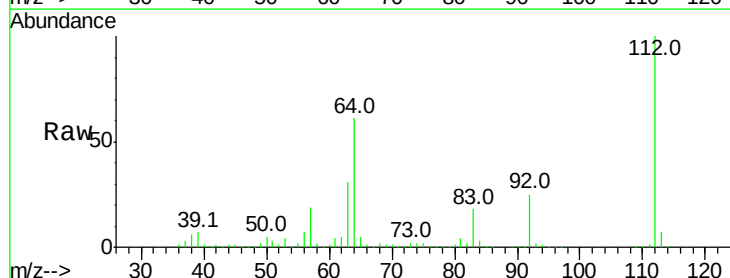
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



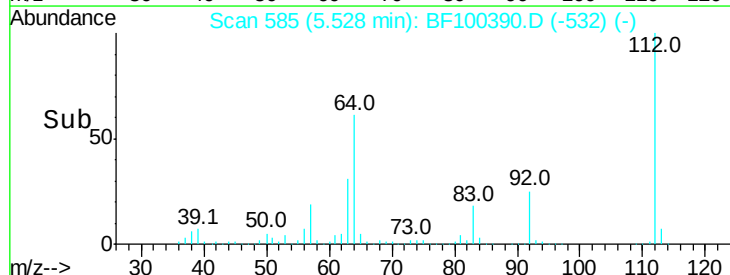
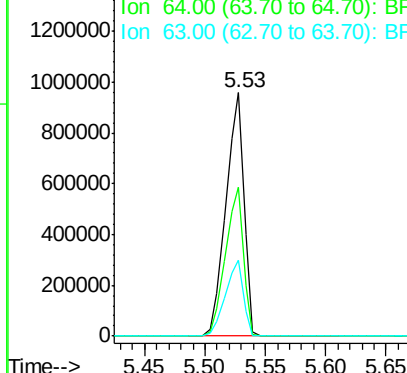
#5

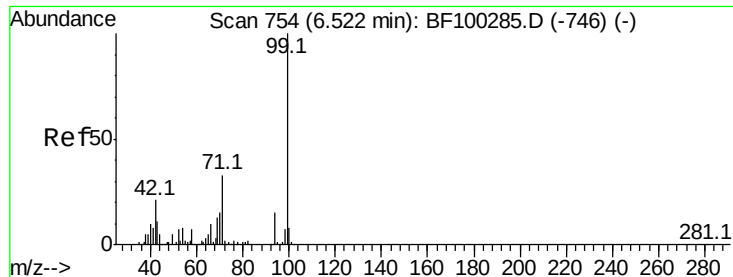
2-Fluorophenol
Concen: 94.338 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Tgt Ion:112 Resp: 993216
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.2 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: 82.890 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Instrument :

BNA_F

ClientSampled :

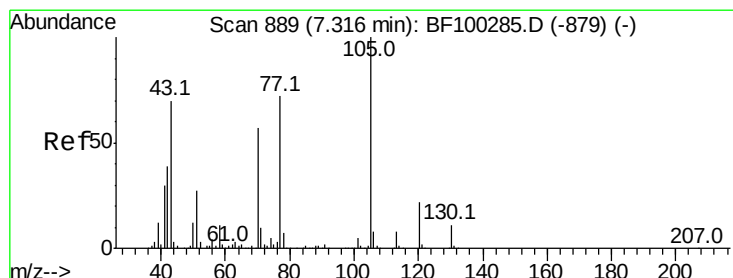
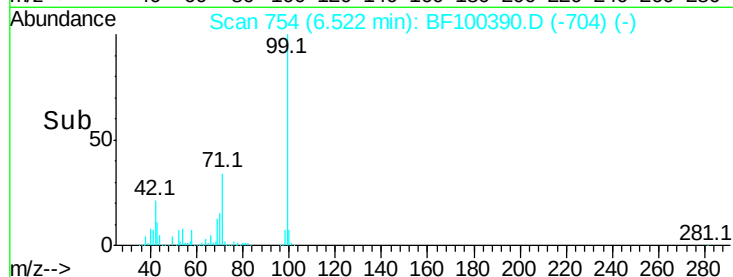
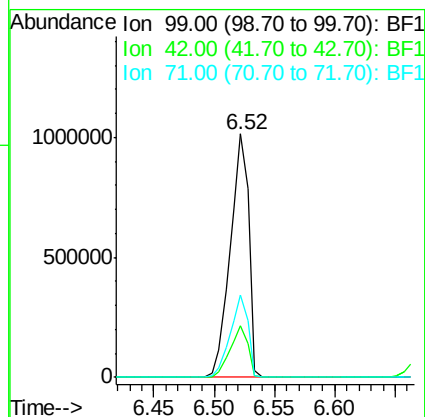
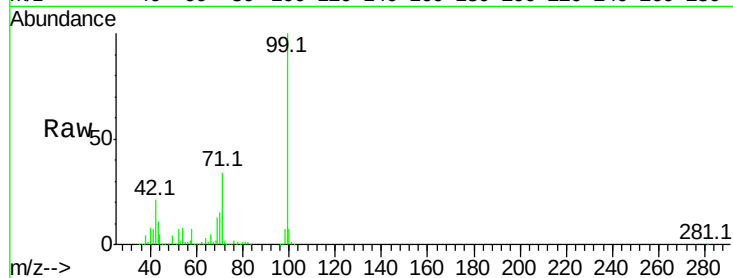
Tot Ion: 99 Resp: 1076129

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.287 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Tgt Ion: 70 Resp: 119634

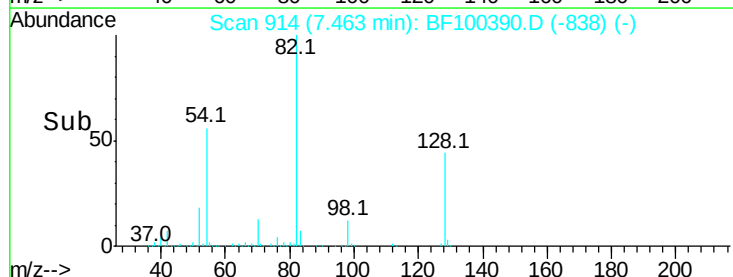
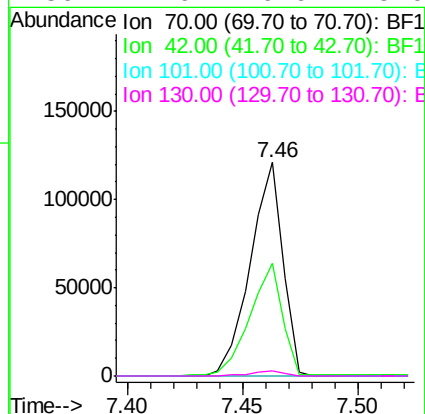
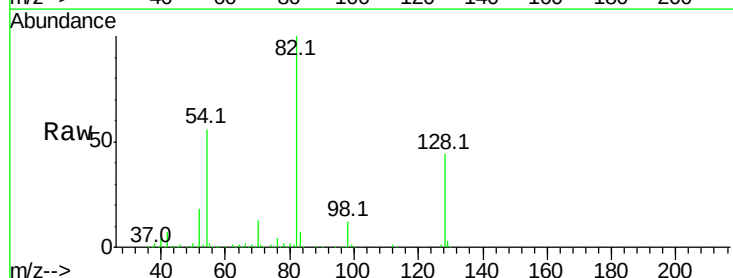
Ion Ratio Lower Upper

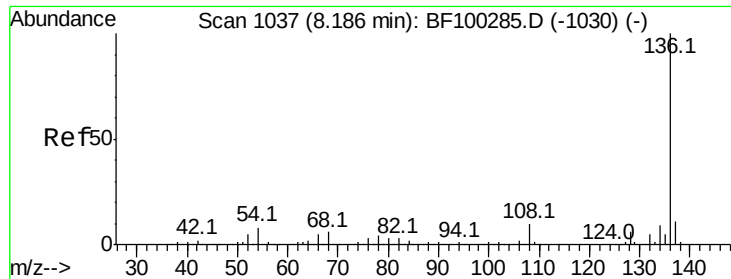
70 100

42 53.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

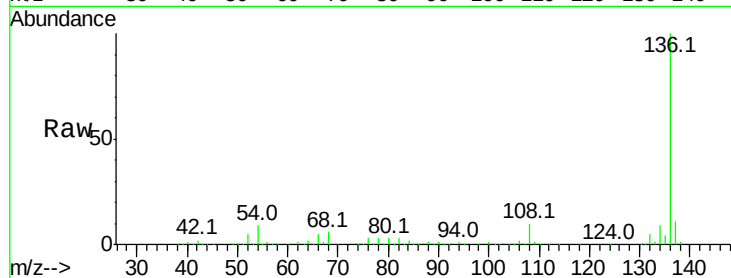




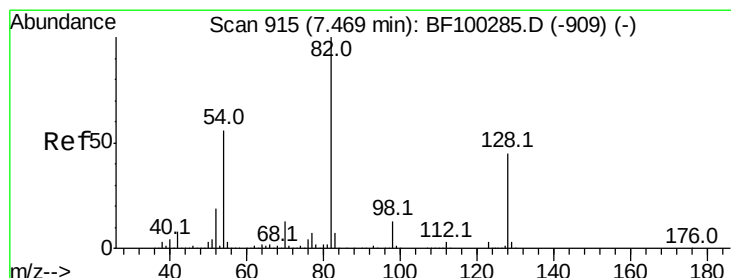
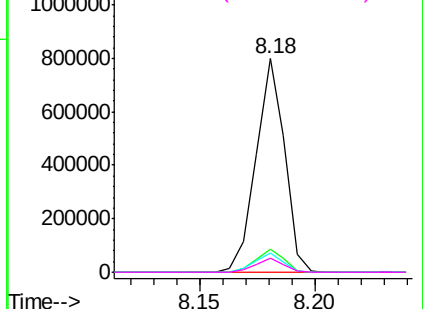
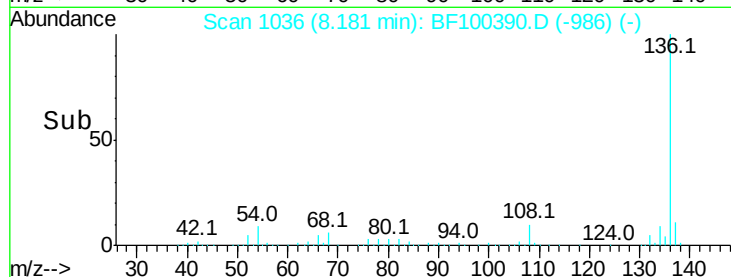
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	688483
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.4	5.0	7.4

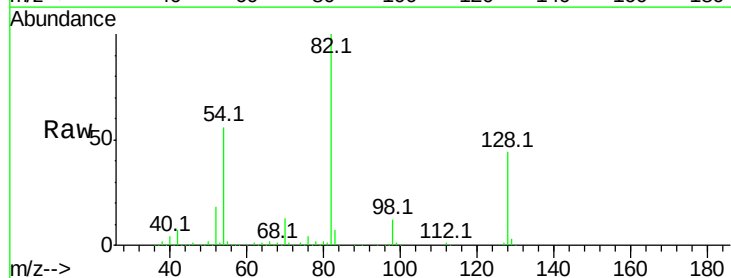


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

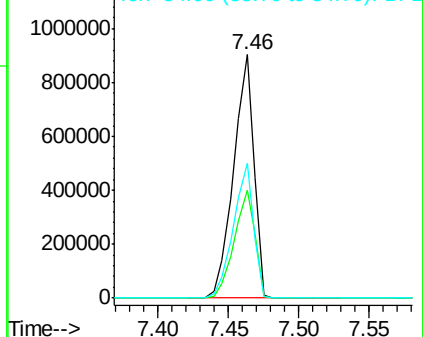
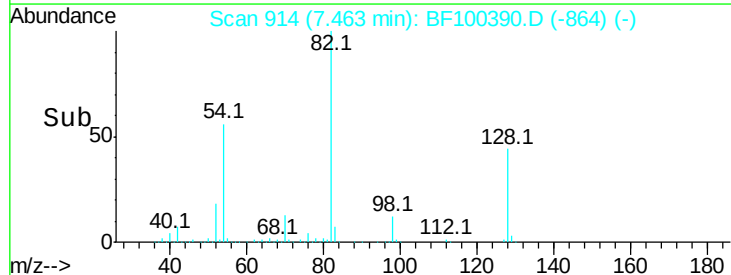


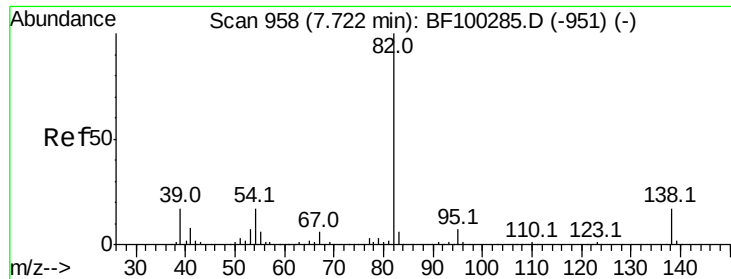
#23
Nitrobenzene-d5
Concen: 87.047 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Tgt Ion:	82	Resp:	906483
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	55.6	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: 41.312 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Instrument :

BNA_F

ClientSampleId :

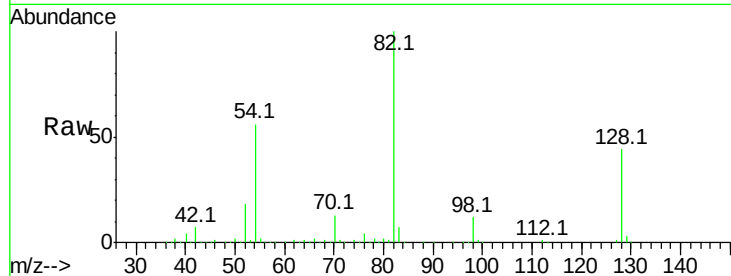
Tot Ion: 82 Resp: 904053

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

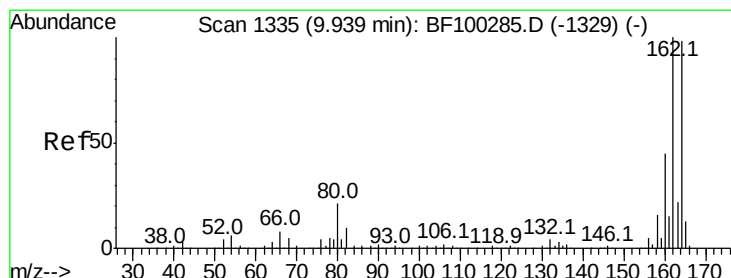
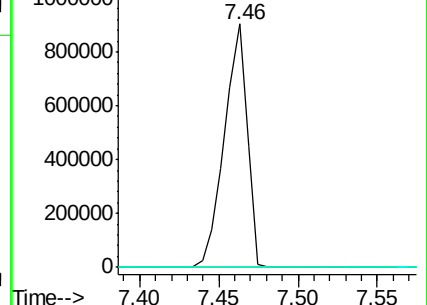
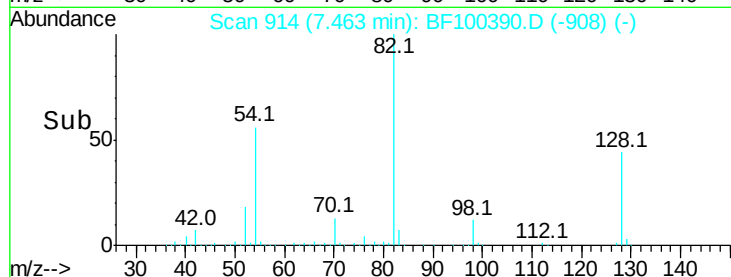
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

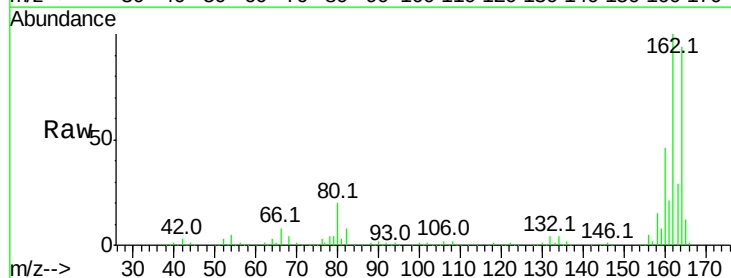
Tgt Ion:164 Resp: 322775

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

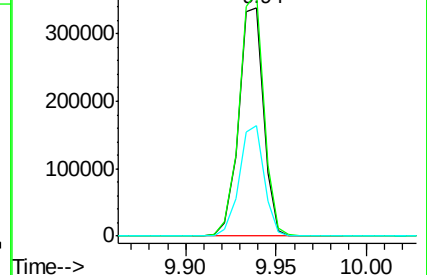
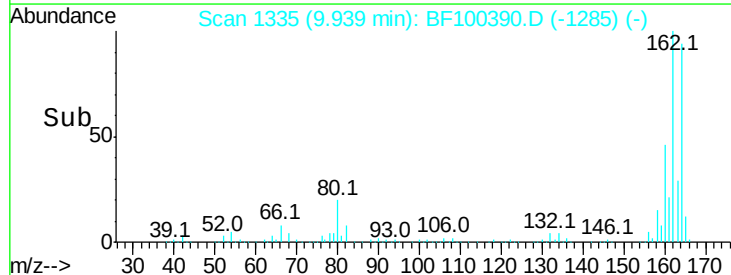
160 48.7 38.3 57.5

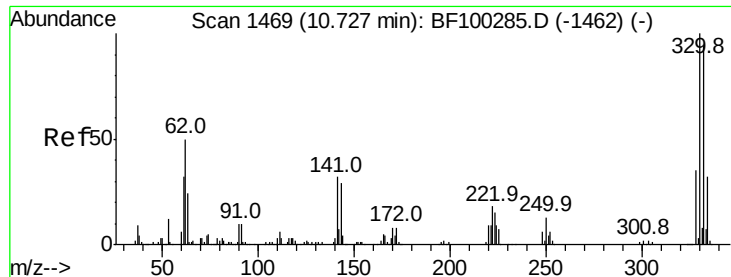


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

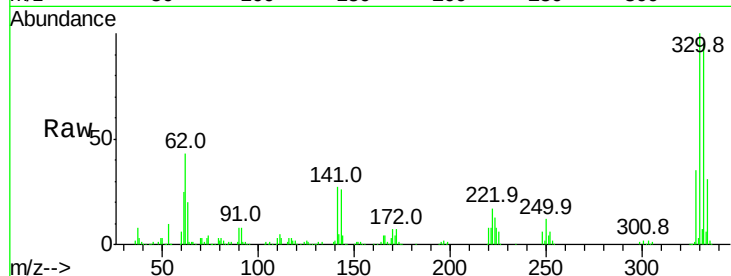




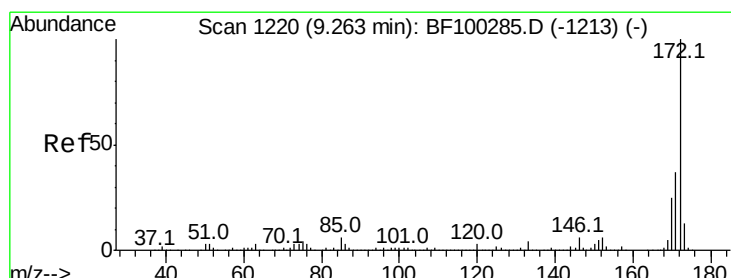
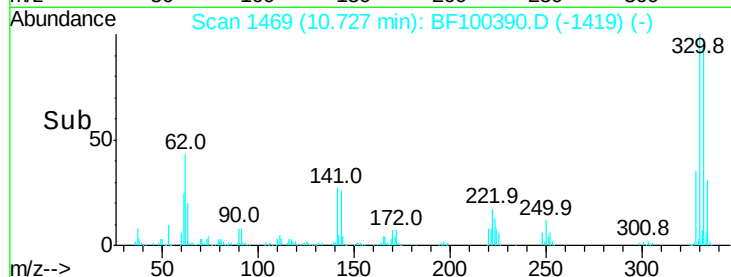
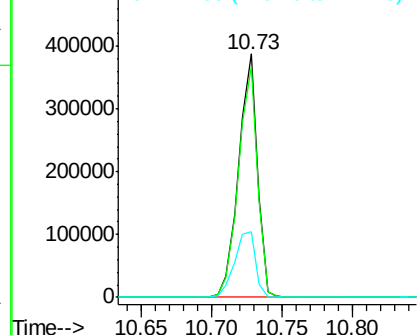
#41
 2,4,6-Tribromophenol
 Concen: 109.470 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100390.D
 Acq: 10 Nov 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.1	29.9	44.9

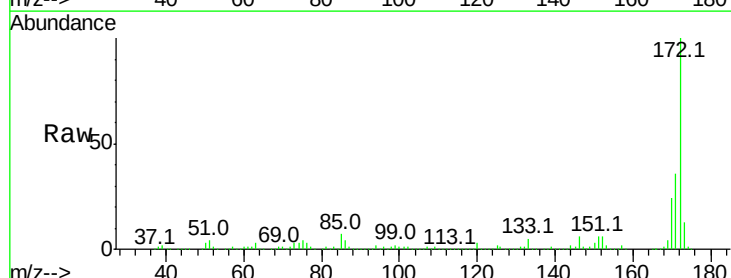


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

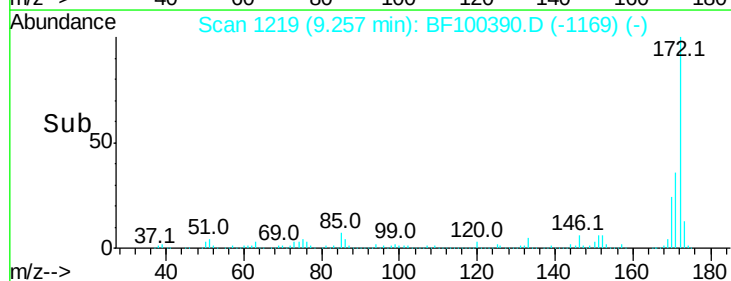
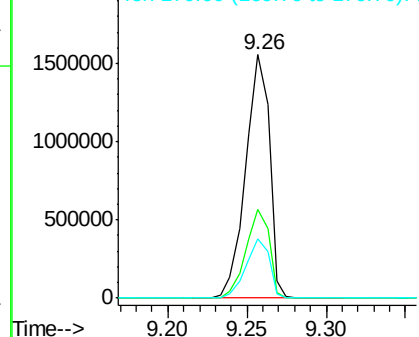


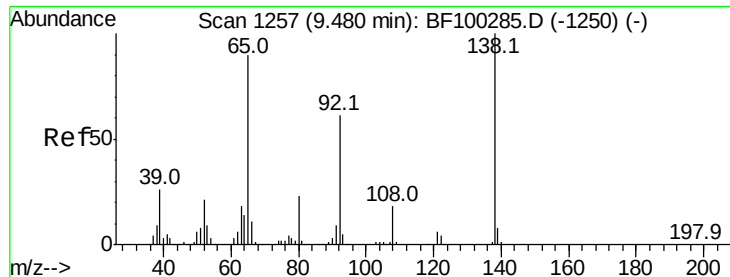
#44
 2-Fluorobiphenyl
 Concen: 76.104 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100390.D
 Acq: 10 Nov 2017 14:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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: 3.142 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.22 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Instrument :

BNA_F

ClientSampled :

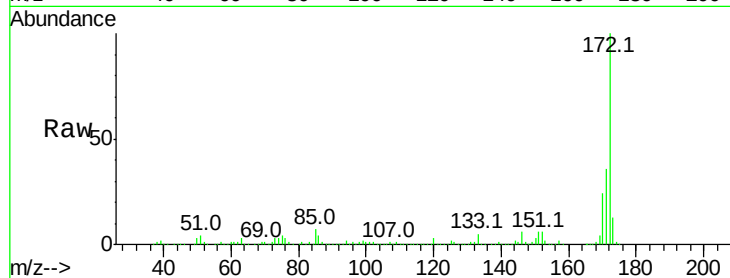
Tot Ion: 65 Resp: 2278

Ion Ratio Lower Upper

65 100

92 211.7 55.8 83.6#

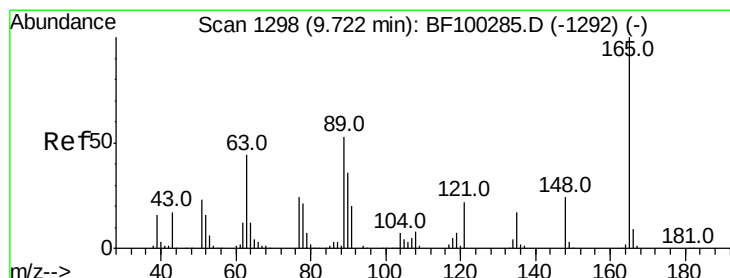
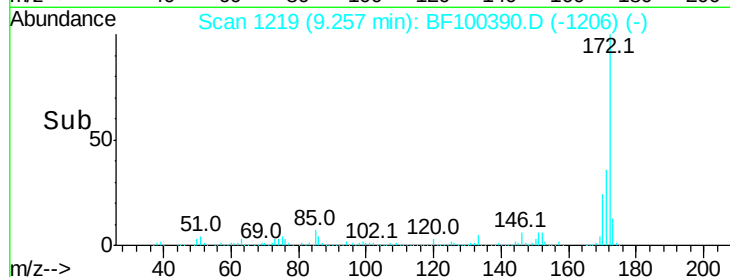
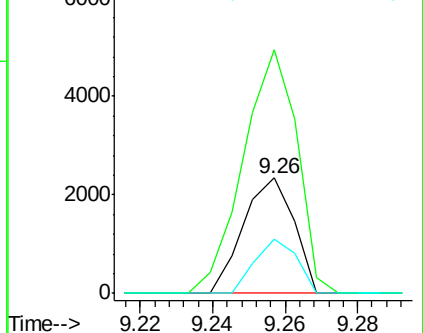
138 47.3 91.2 136.8#



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): BF1



#50

2,6-Dinitrotoluene

Concen: 8.532 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

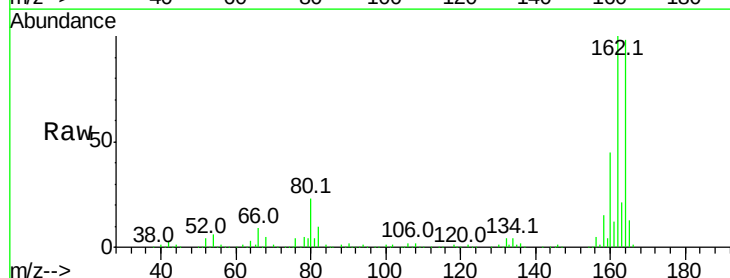
Tgt Ion:165 Resp: 41620

Ion Ratio Lower Upper

165 100

63 1.0 44.7 67.1#

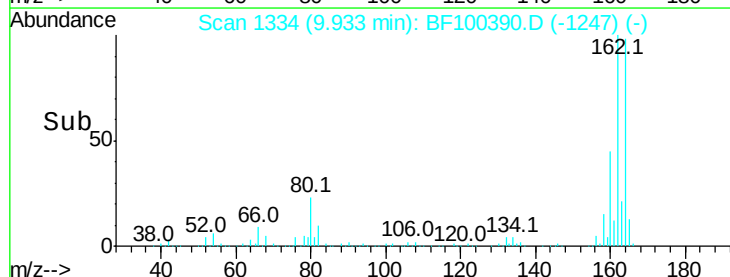
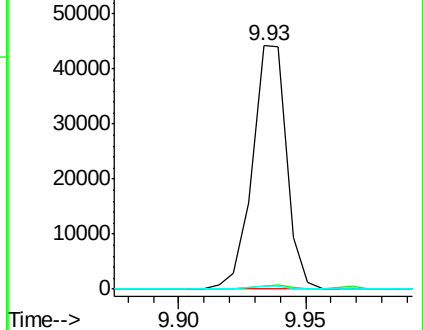
89 1.1 44.0 66.0#

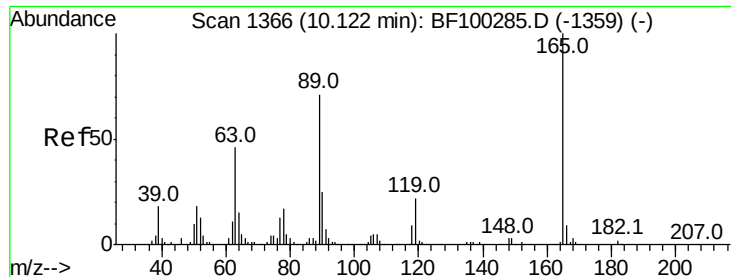


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

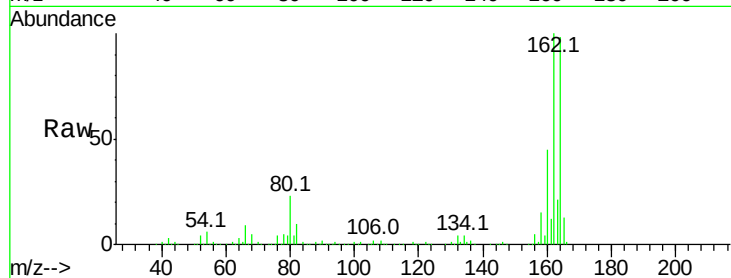




#56
 2,4-Dinitrotoluene
 Concen: 6.763 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100390.D
 Acq: 10 Nov 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

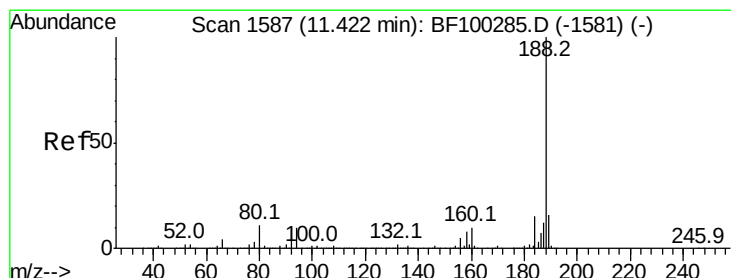
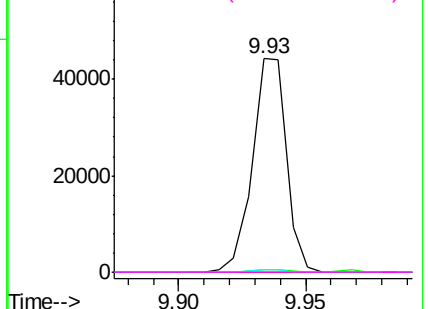
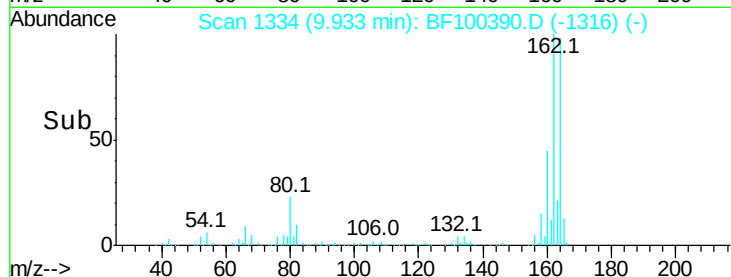


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

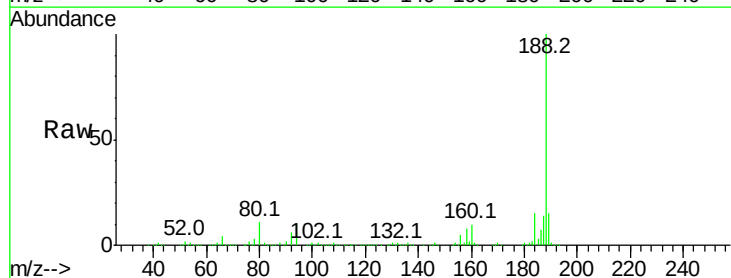
Ion 89.00 (88.70 to 89.70): BF1

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: BF100390.D
 Acq: 10 Nov 2017 14:53

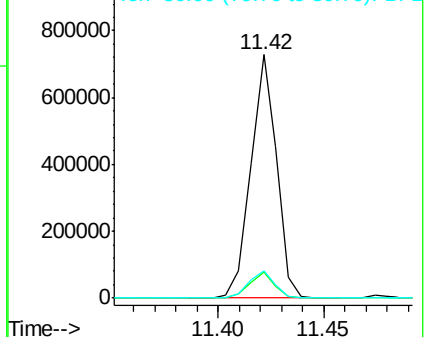
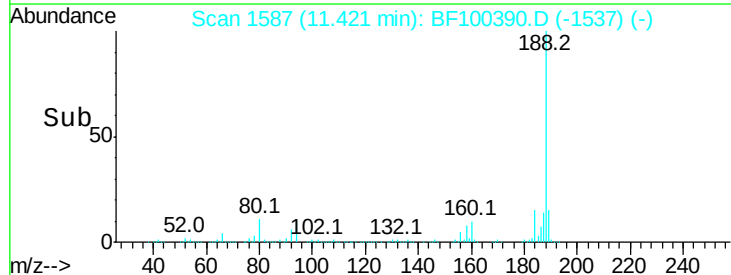
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

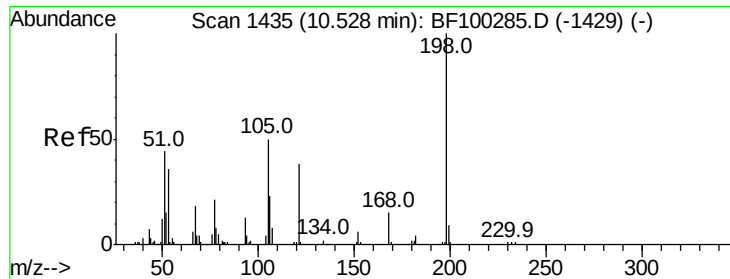


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.774 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Instrument :

BNA_F

ClientSampleId :

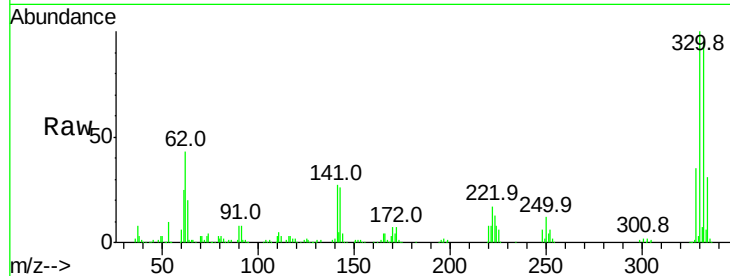
Tot Ion:198 Resp: 772

Ion Ratio Lower Upper

198 100

51 145.6 37.7 77.7#

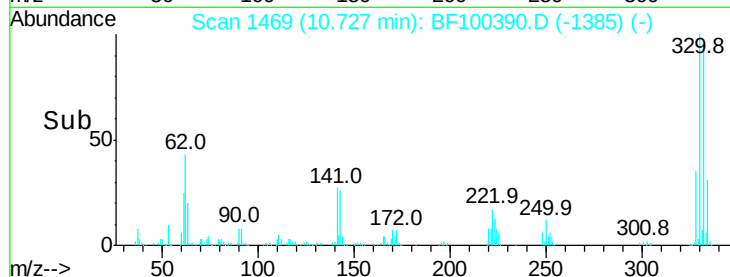
105 139.2 36.3 76.3#



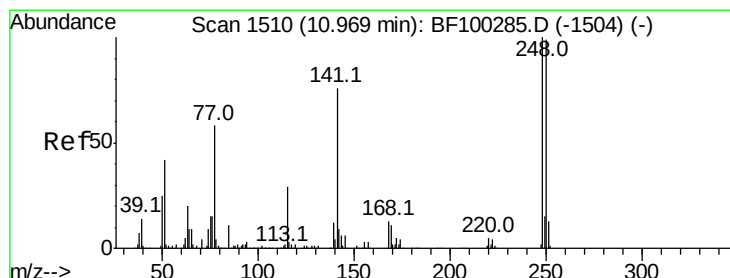
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.482 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

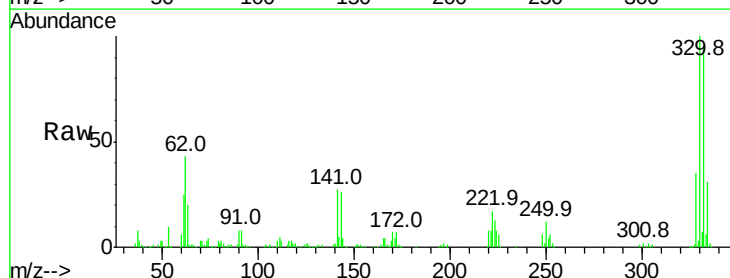
Tgt Ion:248 Resp: 22984

Ion Ratio Lower Upper

248 100

250 190.0 76.9 115.3#

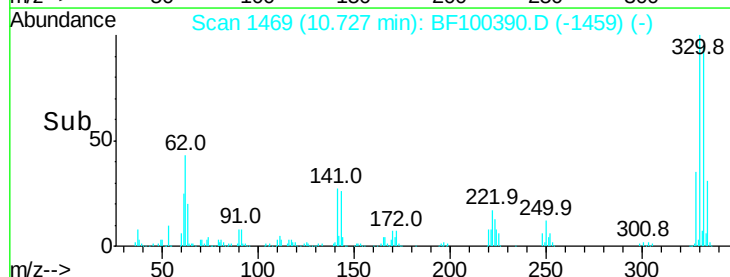
141 444.5 74.4 111.6#



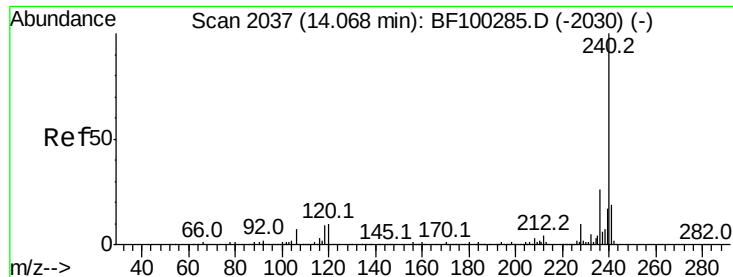
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

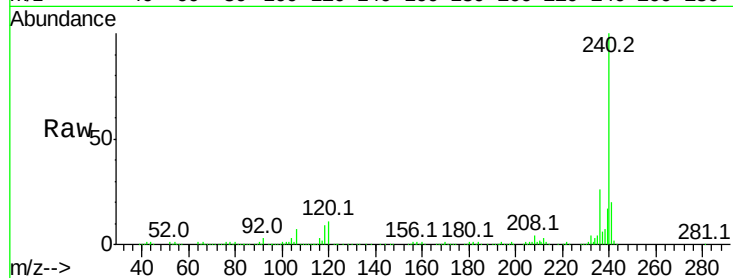
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 428613

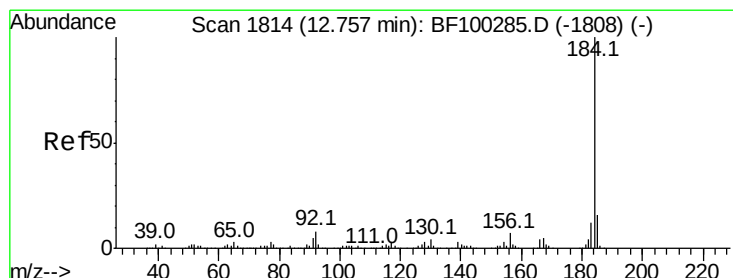
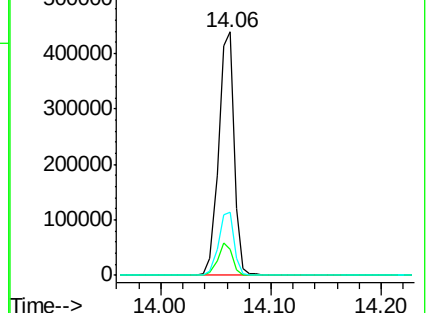
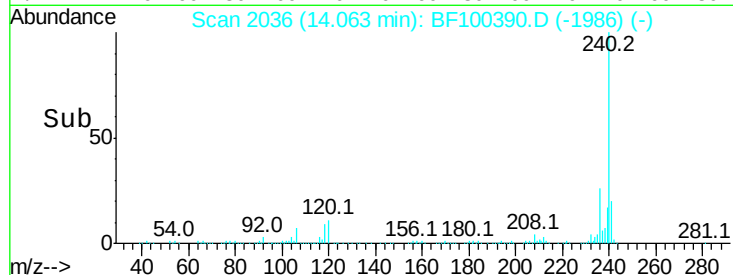
Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.8	20.7	31.1



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



#76

Benzidine

Concen: 63.509 ng

RT: 12.76 min Scan# 1815

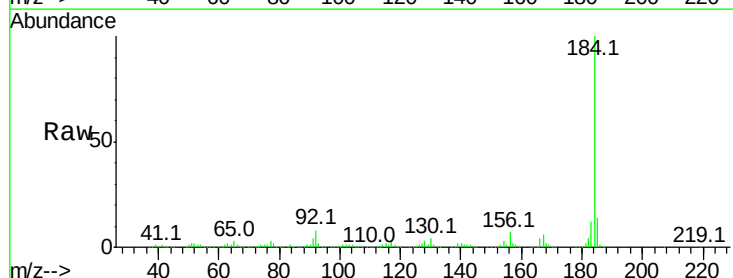
Delta R.T. -0.00 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Tgt Ion:184 Resp: 1090137

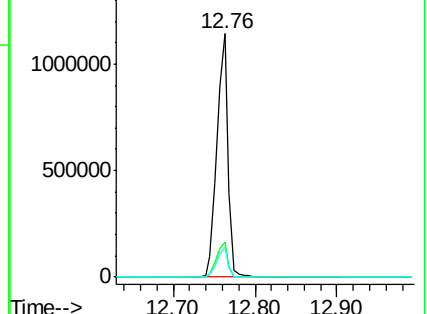
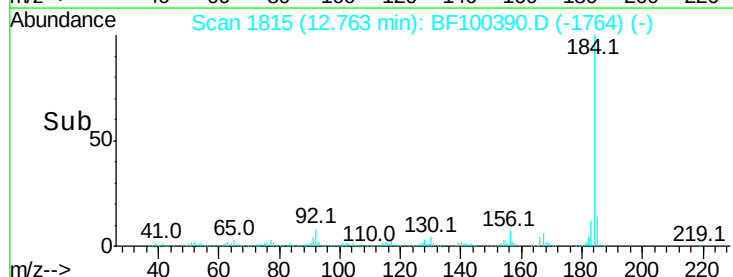
Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	12.1	9.3	13.9

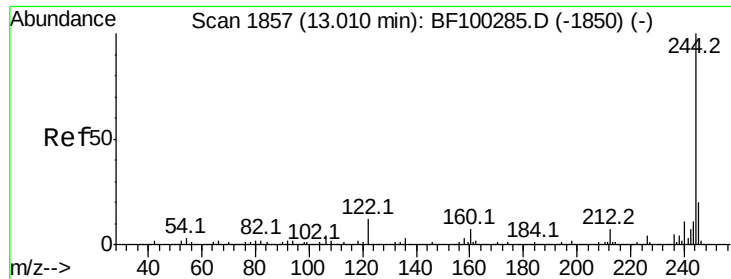


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 79.861 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Instrument :

BNA_F

ClientSampleId :

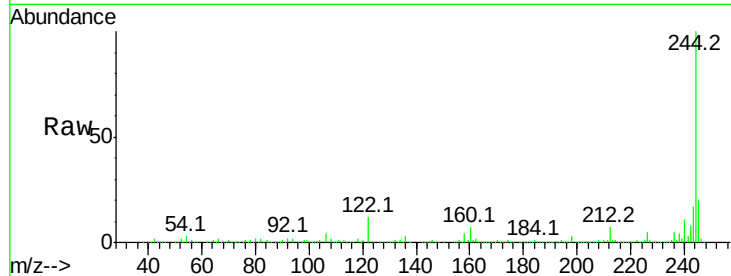
Tot Ion:244 Resp: 1489729

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

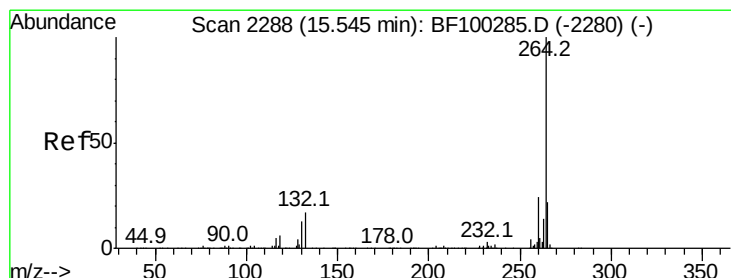
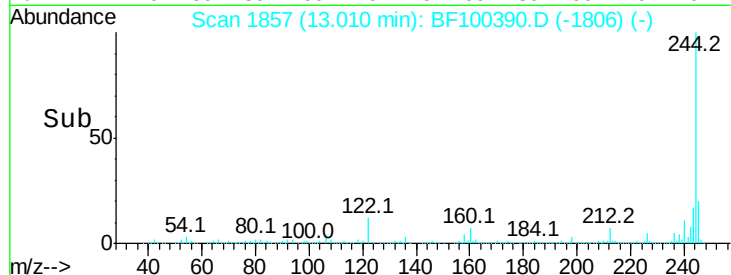
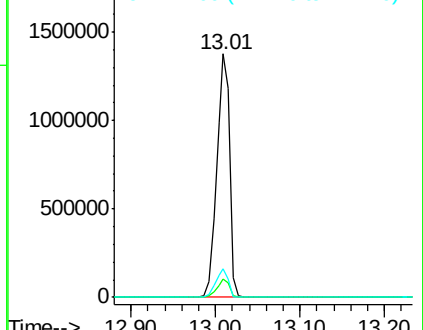
122 11.6 11.0 16.4



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: BF100390.D

Acq: 10 Nov 2017 14:53

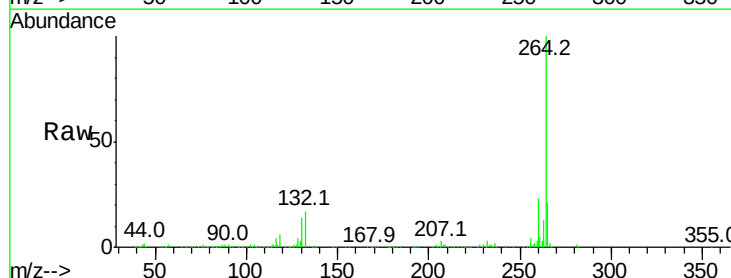
Tgt Ion:264 Resp: 373732

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.9 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

