

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100182.D
 Acq On : 4 Nov 2017 16:56
 Operator : SJ/JU
 Sample : I6280-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:50:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91826	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	379164	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	177717	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	320597	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	192460	20.00	ng	-0.01
86) Perylene-d12	15.40	264	154280	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	797972	136.43	ng	0.00
7) Phenol-d6	6.42	99	954927	137.69	ng	0.00
23) Nitrobenzene-d5	7.34	82	541438	91.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	218053	134.64	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	1094124	94.99	ng	-0.01
78) Terphenyl-d14	12.87	244	927278	105.29	ng	0.00

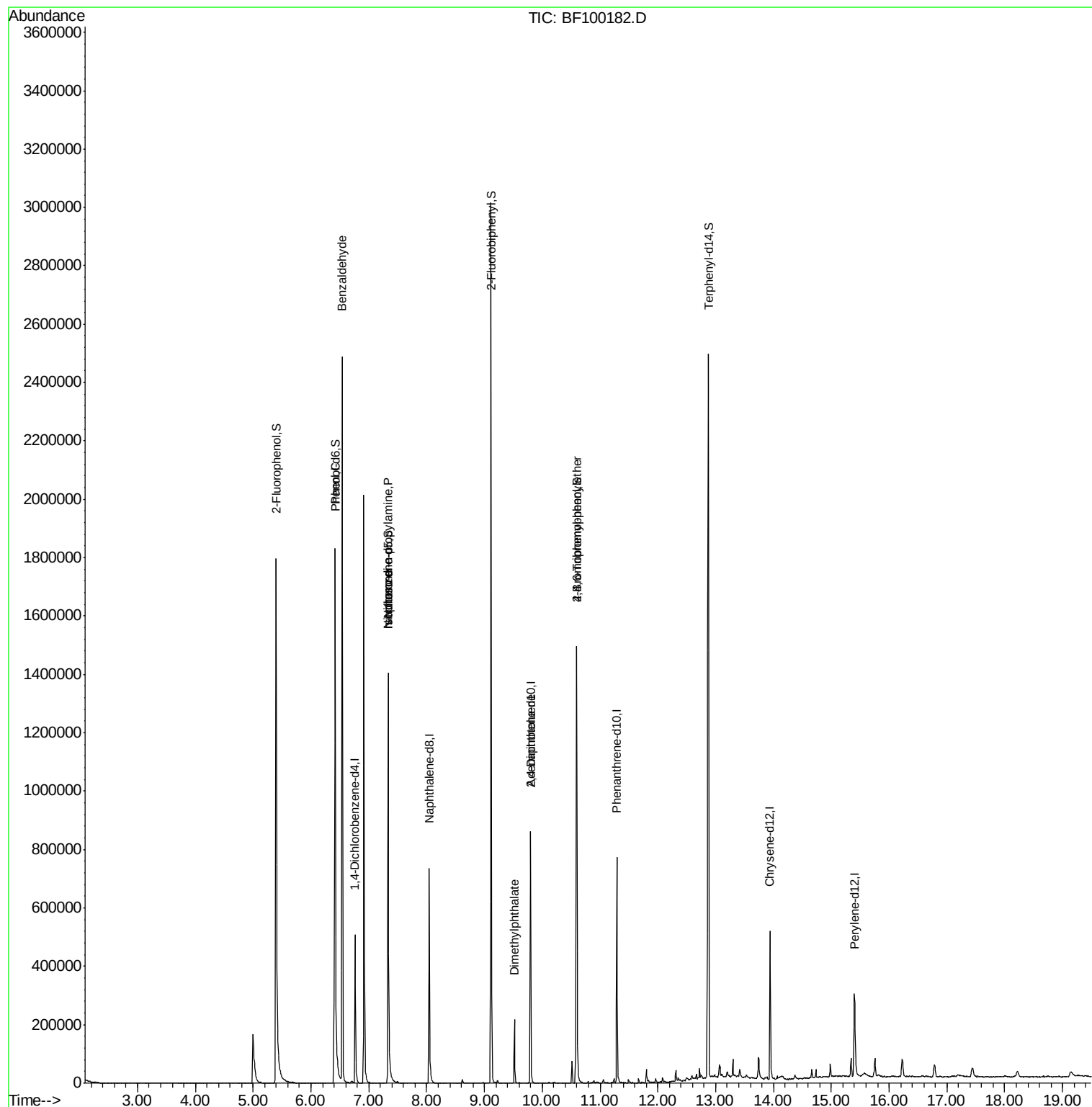
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	13796	3.329	ng	89
10) Phenol	6.43	94	17189	2.257	ng	# 56
19) n-Nitroso-di-n-propylamine	7.34	70	66087	16.261	ng	# 71
25) Isophorone	7.34	82	541438	50.664	ng	# 64
49) Dimethylphthalate	9.52	163	100801	7.162	ng	99
56) 2,4-Dinitrotoluene	9.80	165	22383	6.282	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	14044	4.161	ng	# 1

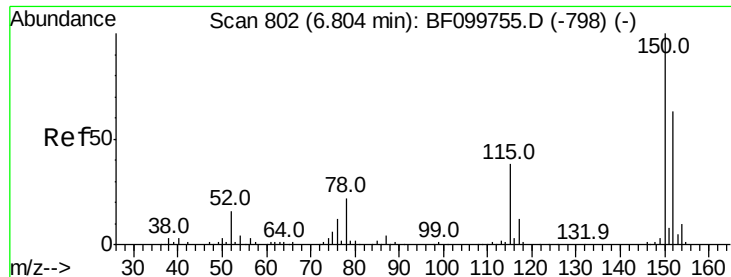
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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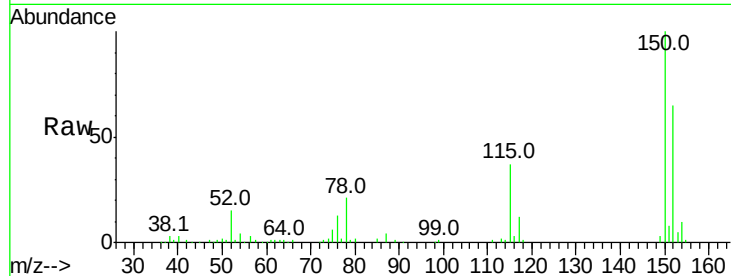


#1

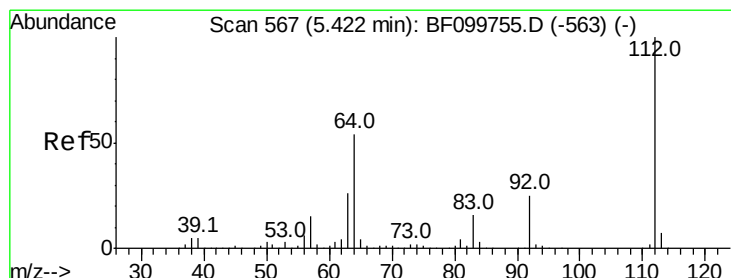
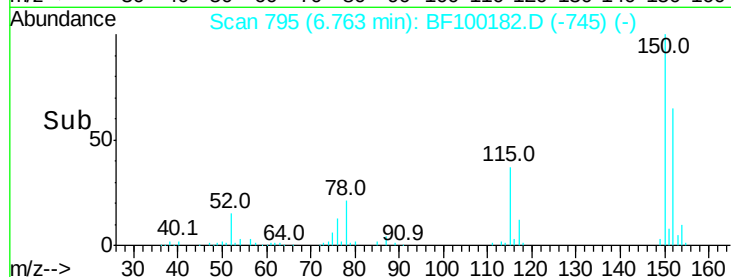
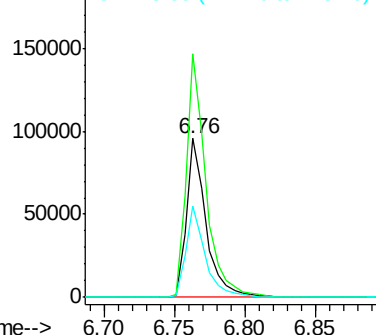
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100182.D
Acq: 4 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91826
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 57.1 50.1 75.1



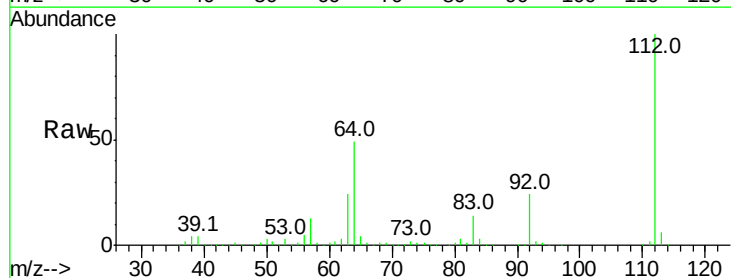
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



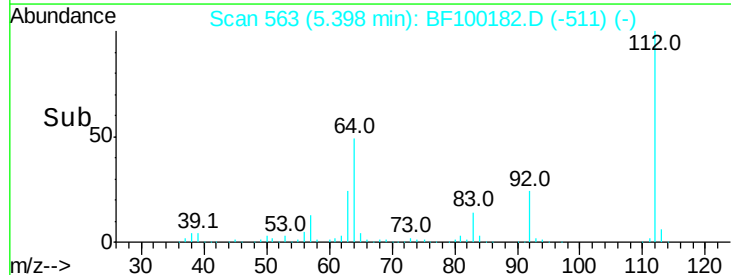
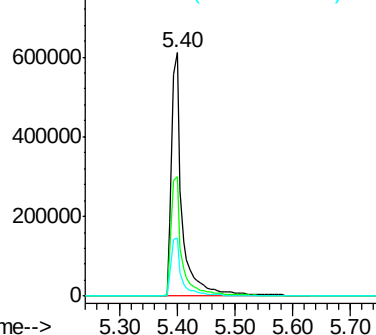
#5

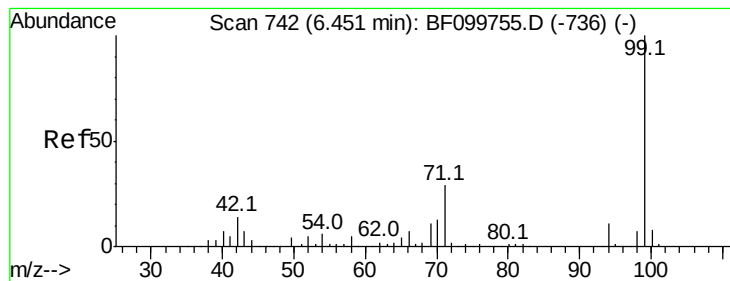
2-Fluorophenol
Concen: 136.431 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100182.D
Acq: 4 Nov 2017 16:56

Tgt Ion:112 Resp: 797972
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 23.6 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: 137.693 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

Instrument :

BNA_F

ClientSampled :

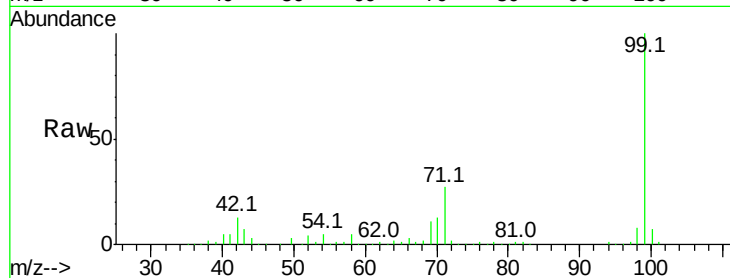
Tot Ion: 99 Resp: 954927

Ion Ratio Lower Upper

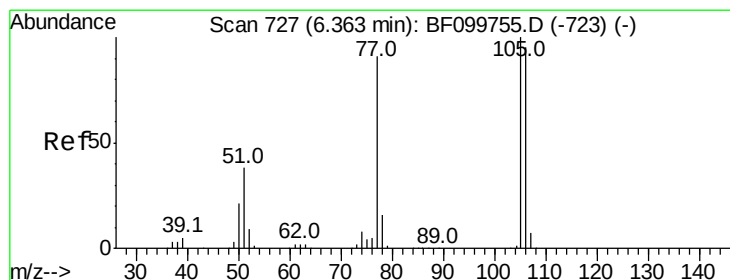
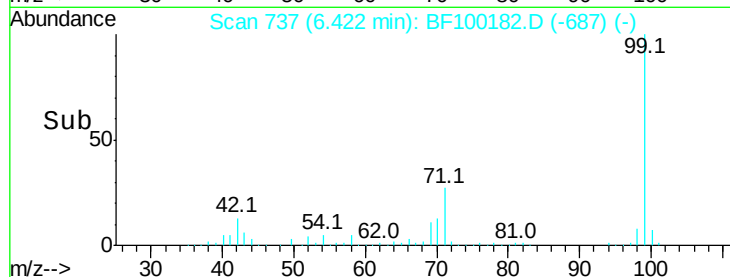
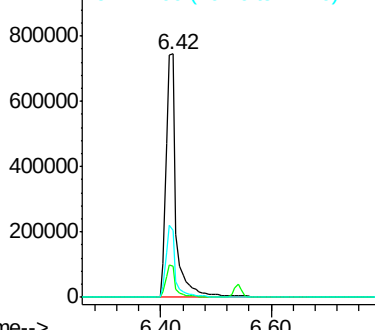
99 100

42 12.7 14.5 21.7#

71 27.4 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



#9

Benzaldehyde

Concen: 3.329 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

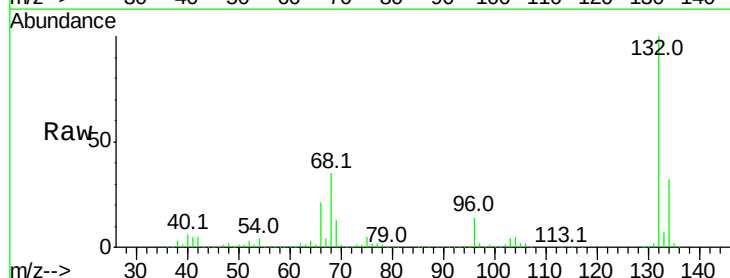
Tgt Ion: 77 Resp: 13796

Ion Ratio Lower Upper

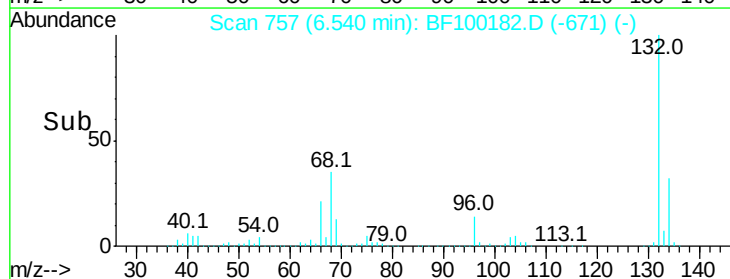
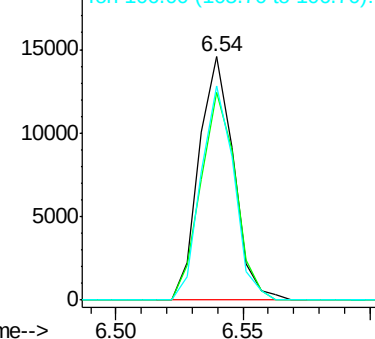
77 100

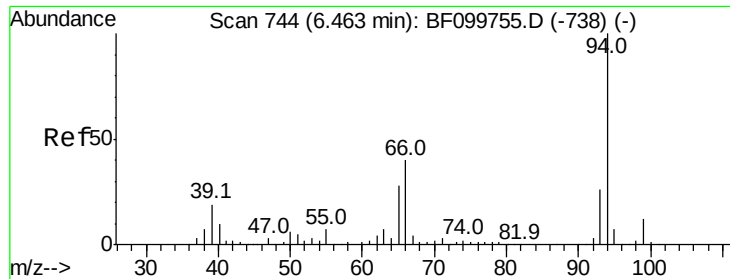
105 85.1 81.1 121.1

106 88.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.257 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

Instrument :

BNA_F

ClientSampleId :

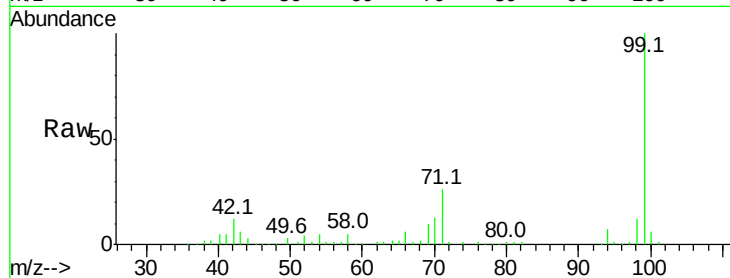
Tot Ion: 94 Resp: 17189

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

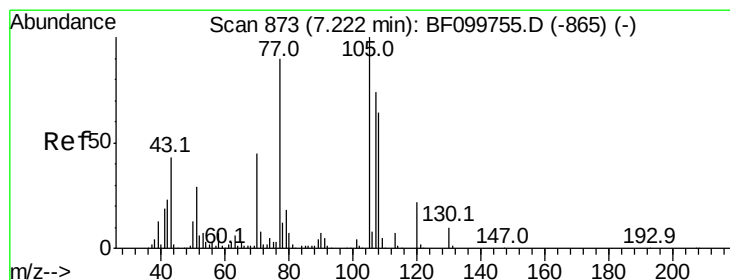
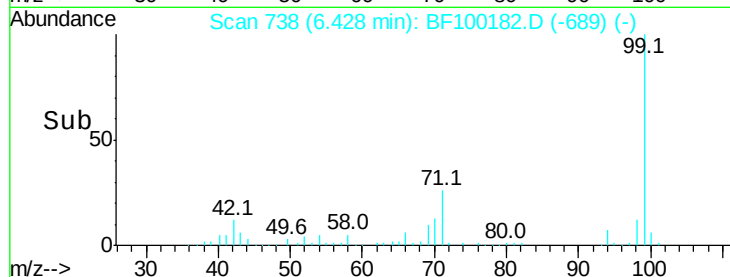
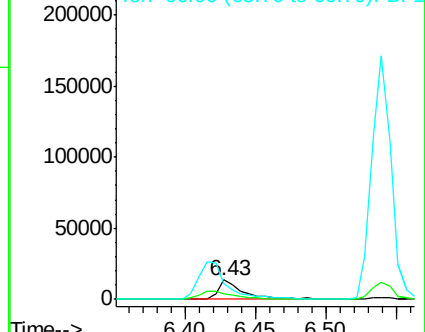
66 80.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.261 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

Tgt Ion: 70 Resp: 66087

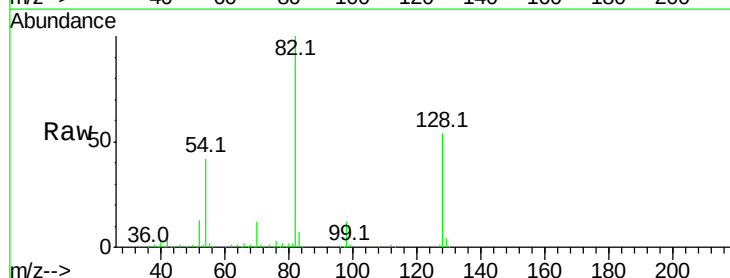
Ion Ratio Lower Upper

70 100

42 39.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

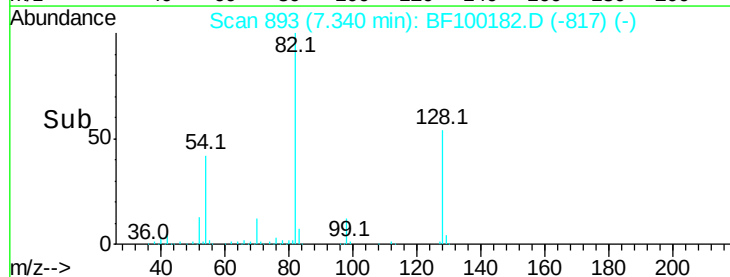
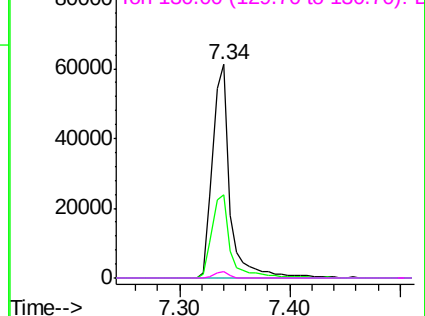


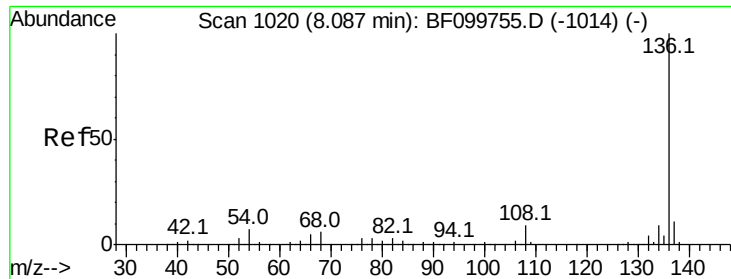
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

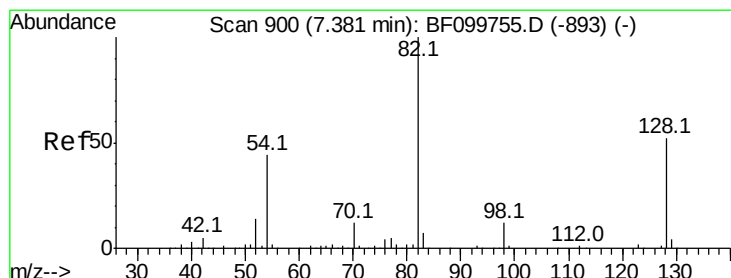
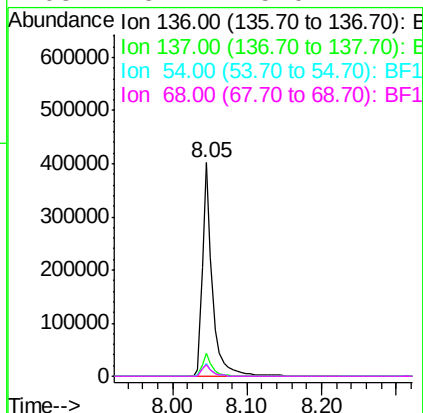
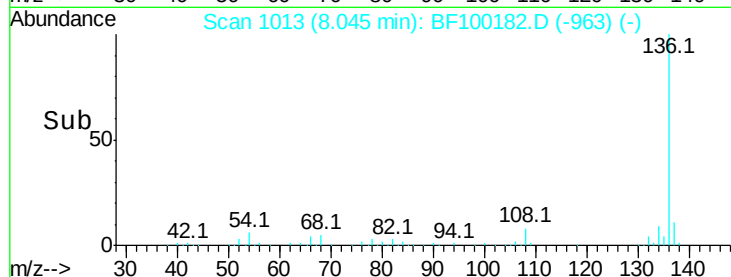
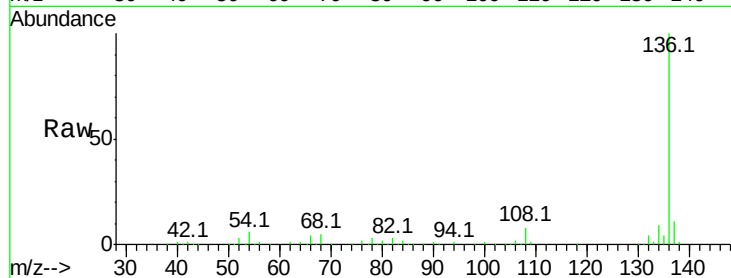




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100182.D
Acq: 4 Nov 2017 16:56

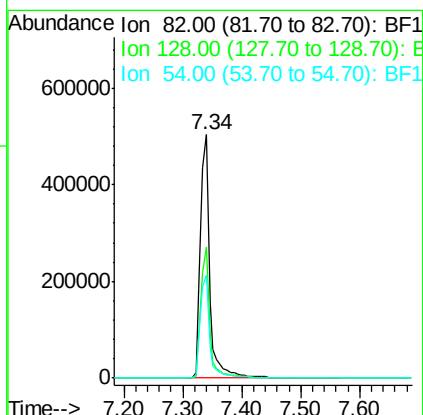
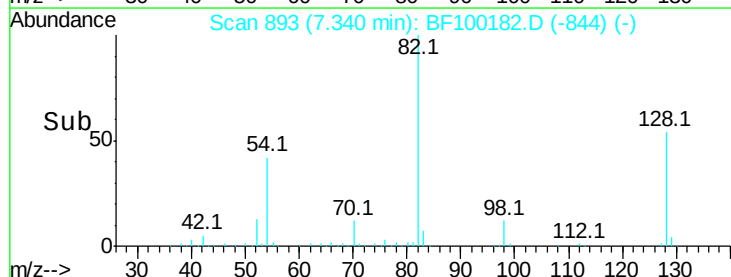
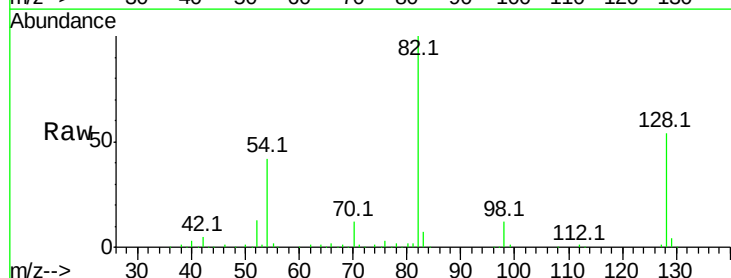
Instrument :
BNA_F
ClientSampleId :

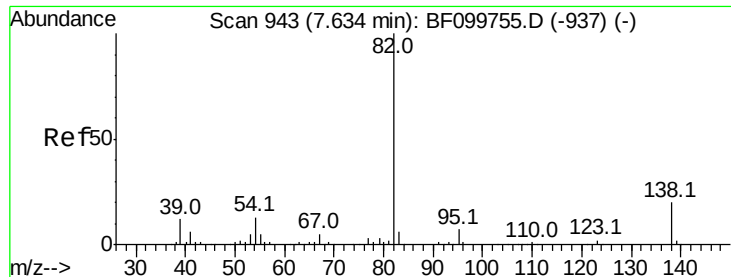
Tot Ion:	136	Resp:	379164
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 91.934 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100182.D
Acq: 4 Nov 2017 16:56

Tgt Ion:	82	Resp:	541438
Ion	Ratio	Lower	Upper
82	100		
128	53.8	36.1	54.1
54	42.3	41.4	62.2





#25

Isophorone

Concen: 50.664 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

Instrument :

BNA_F

ClientSampleId :

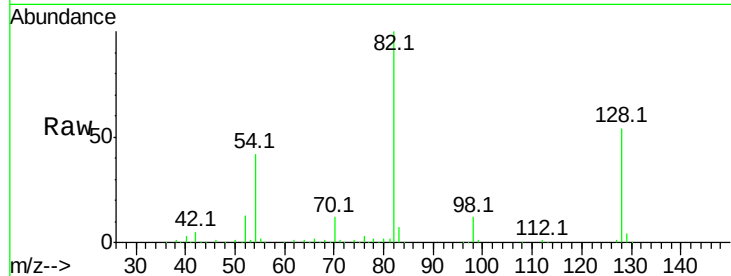
Tot Ion: 82 Resp: 541438

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

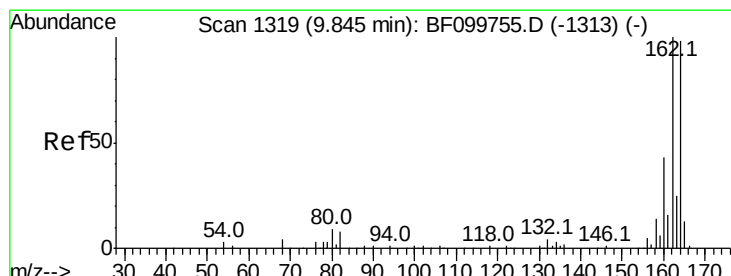
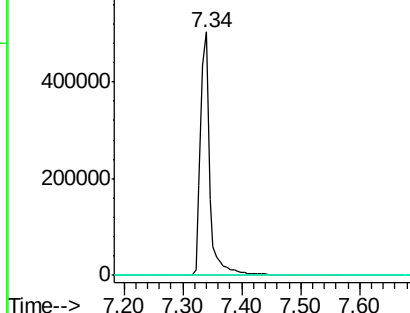
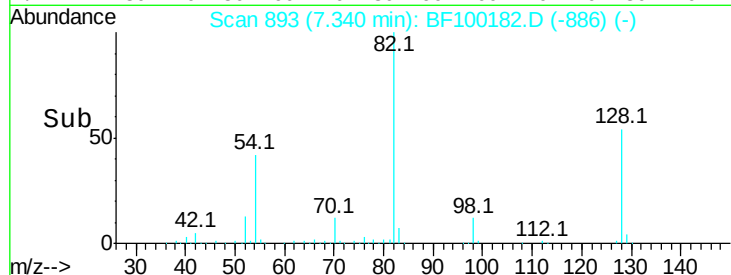
138 0.0 14.9 22.3#



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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

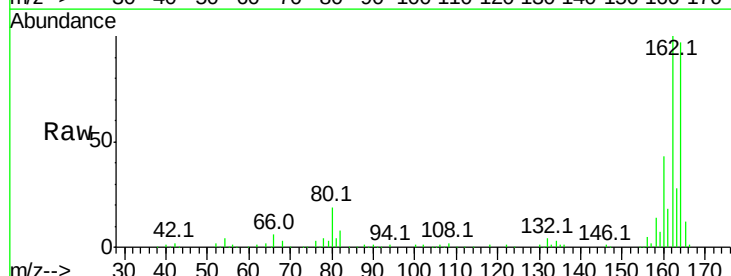
Tgt Ion:164 Resp: 177717

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

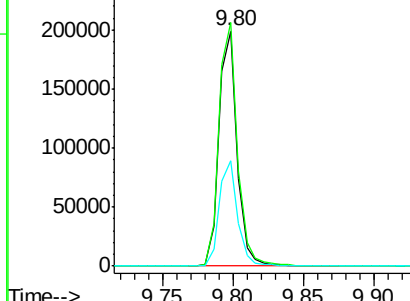
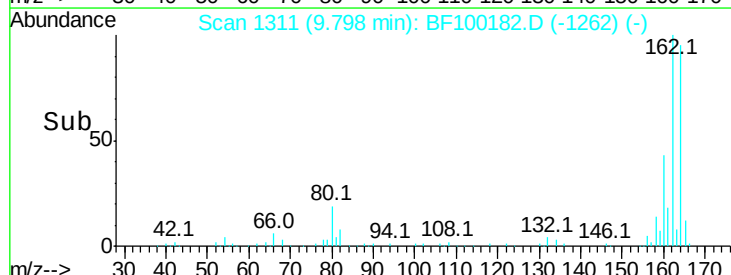
160 44.9 38.3 57.5

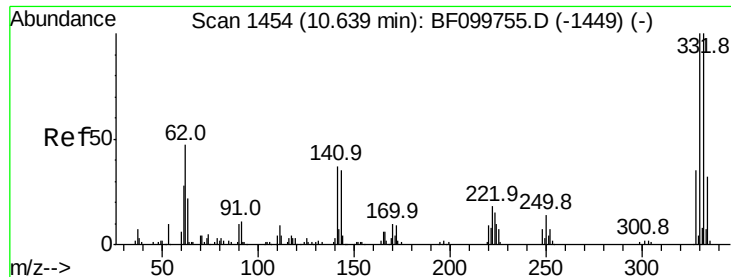


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

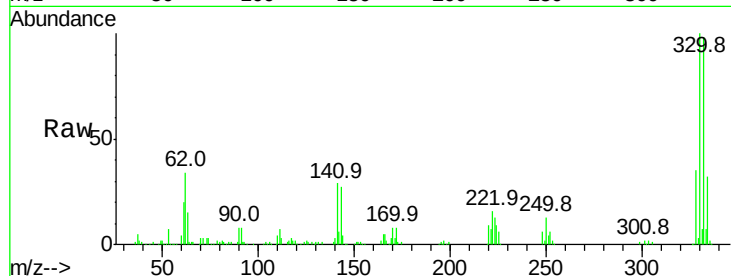




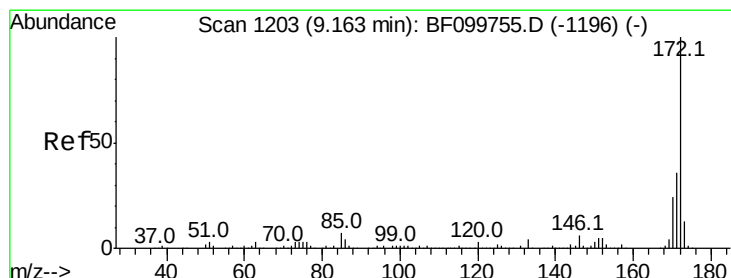
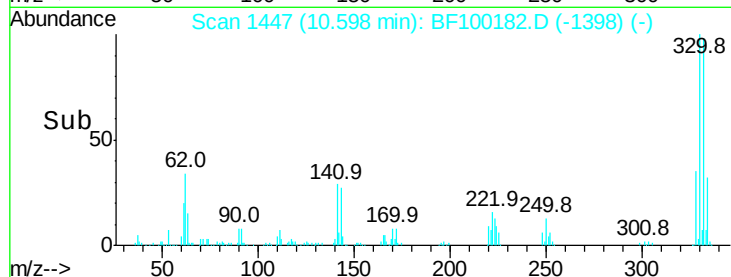
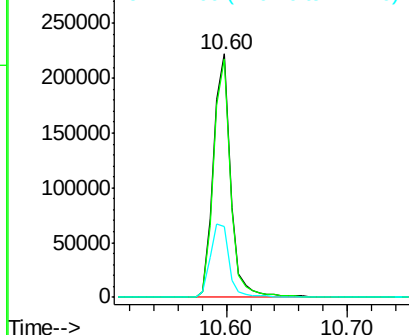
#41
 2,4,6-Tribromophenol
 Concen: 134.637 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100182.D
 Acq: 4 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 218053
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.1 29.9 44.9

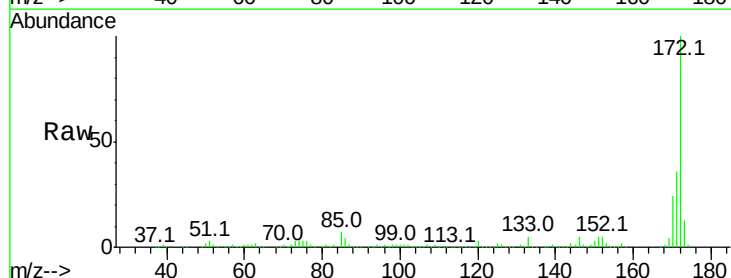


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

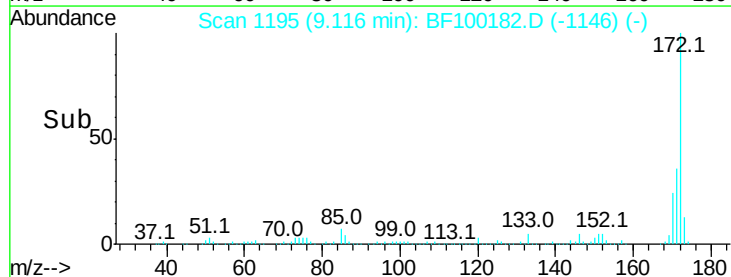
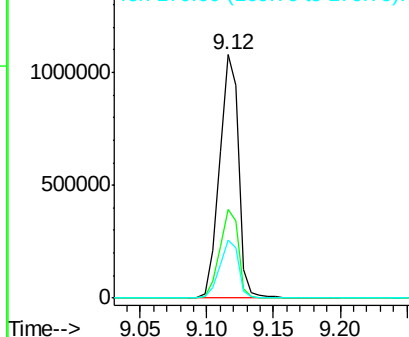


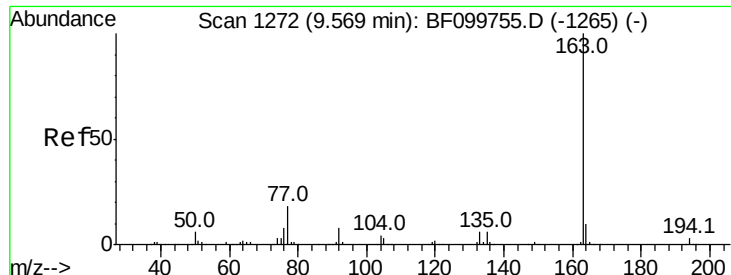
#44
 2-Fluorobiphenyl
 Concen: 94.986 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100182.D
 Acq: 4 Nov 2017 16:56

Tgt Ion:172 Resp: 1094124
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.8 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

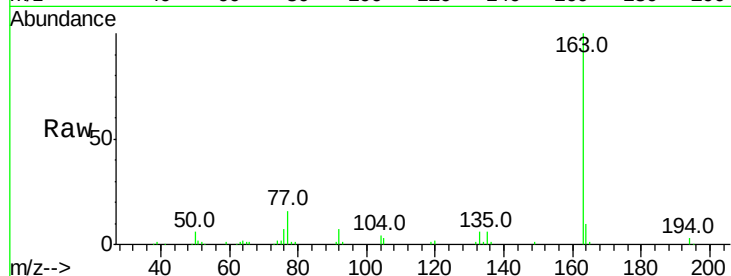




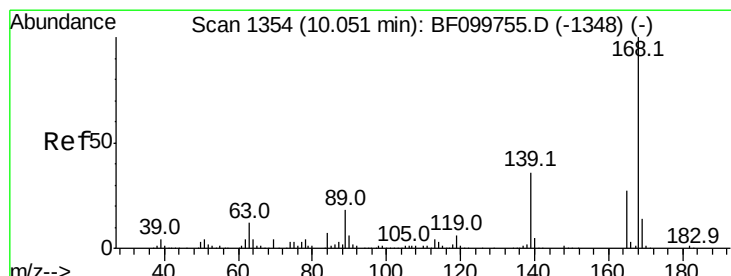
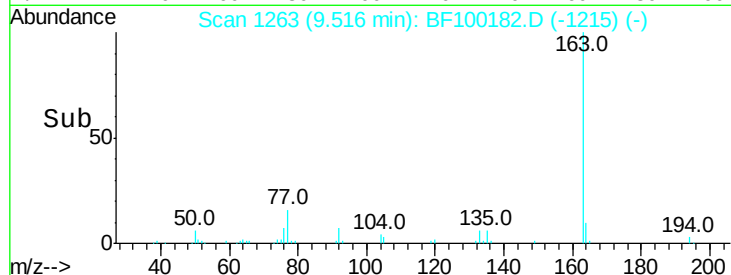
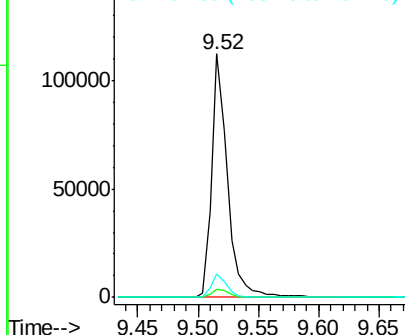
#49
Dimethylphthalate
Concen: 7.162 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100182.D
Acq: 4 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 100801
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 8.2 12.2

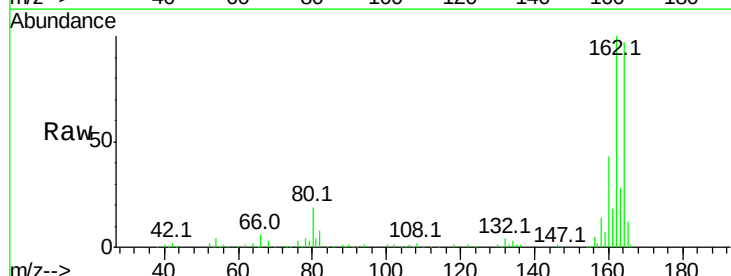


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

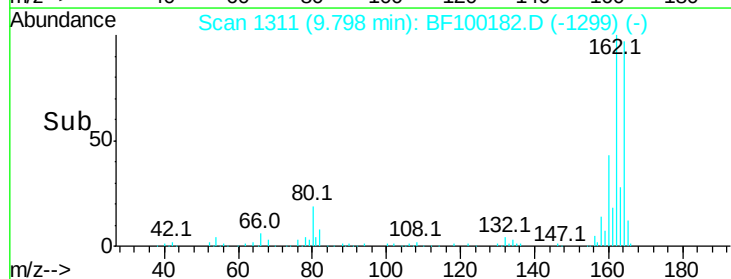
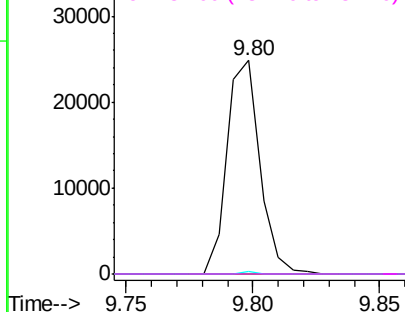


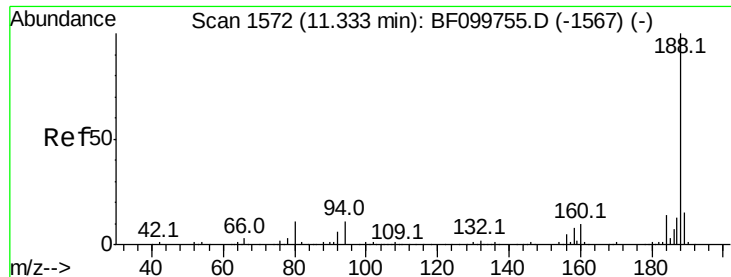
#56
2,4-Dinitrotoluene
Concen: 6.282 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100182.D
Acq: 4 Nov 2017 16:56

Tgt Ion:165 Resp: 22383
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

Instrument :

BNA_F

ClientSampleId :

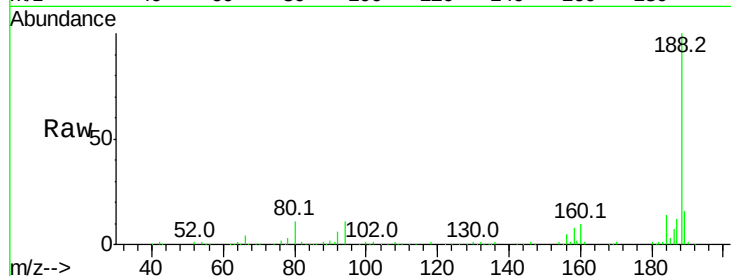
Tot Ion:188 Resp: 320597

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

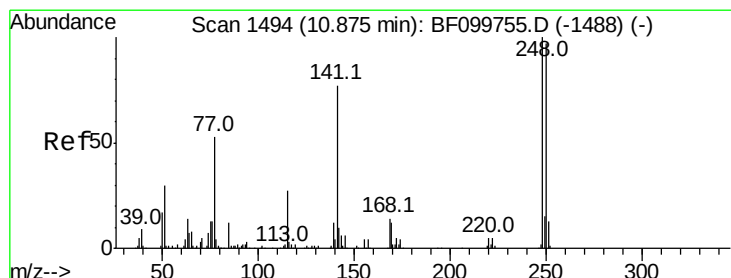
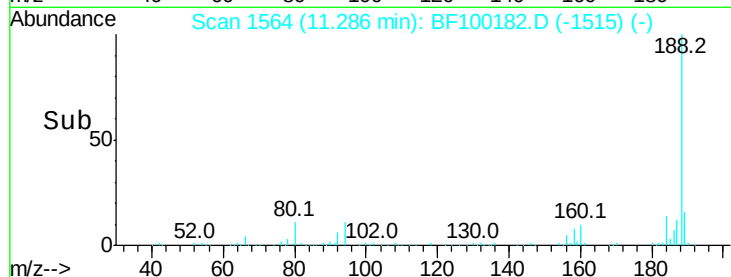
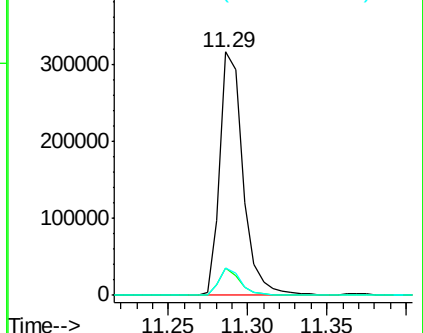
80 11.4 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 4.161 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.24 min

Lab File: BF100182.D

Acq: 4 Nov 2017 16:56

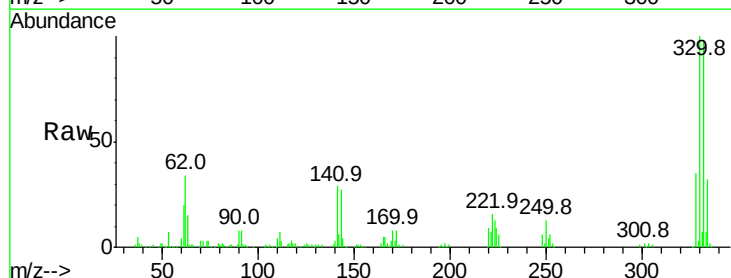
Tgt Ion:248 Resp: 14044

Ion Ratio Lower Upper

248 100

250 208.8 76.9 115.3#

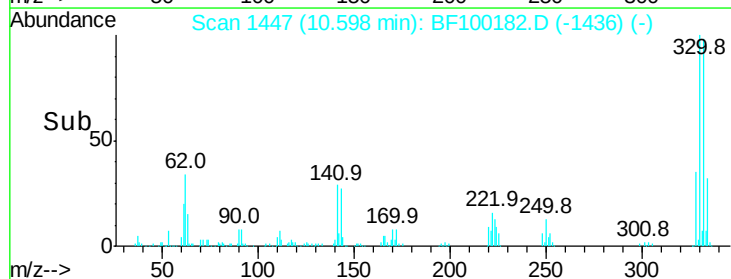
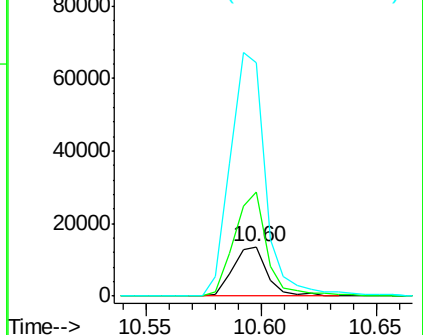
141 469.1 74.4 111.6#

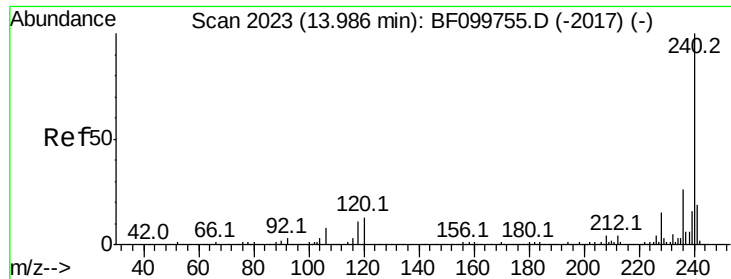


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

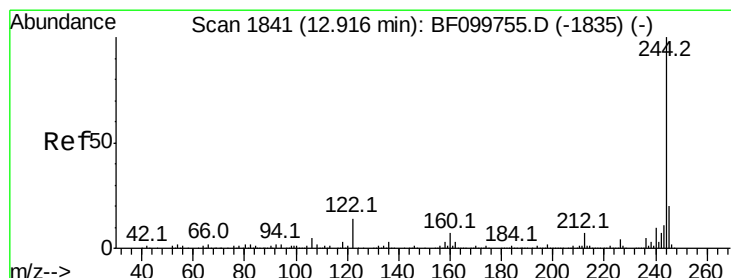
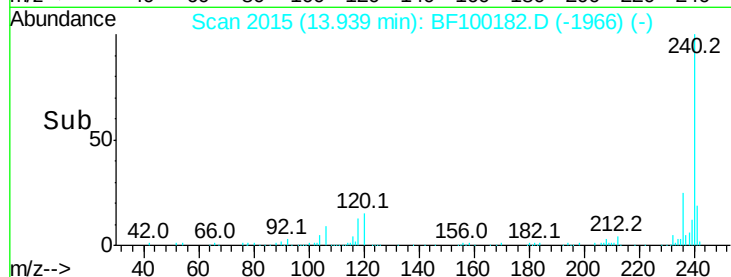
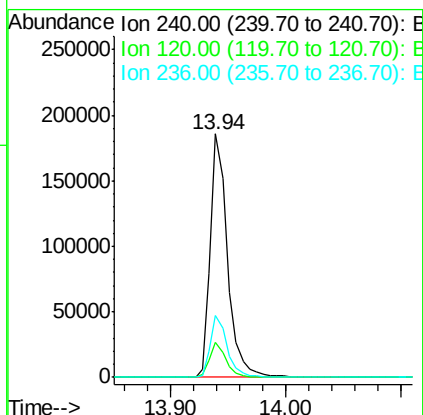
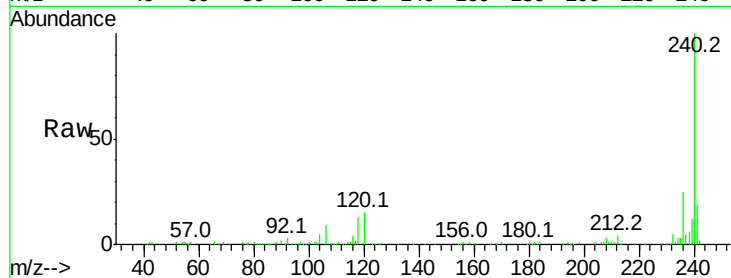




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100182.D
 Acq: 4 Nov 2017 16:56

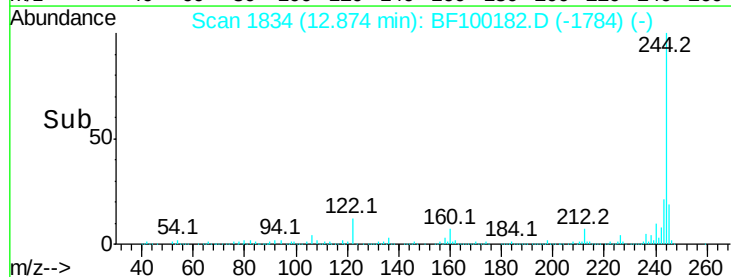
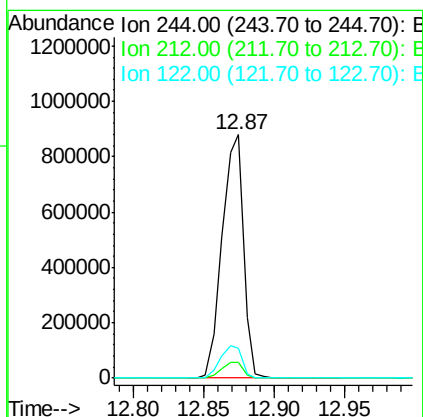
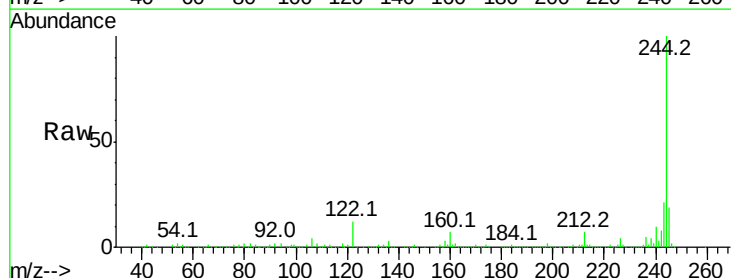
Instrument :
 BNA_F
 ClientSampled :

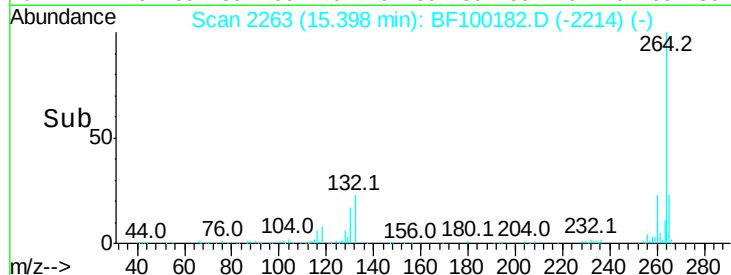
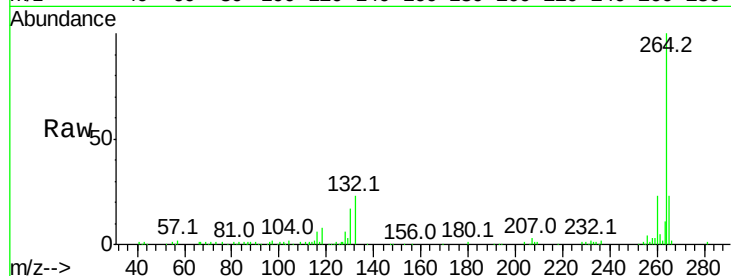
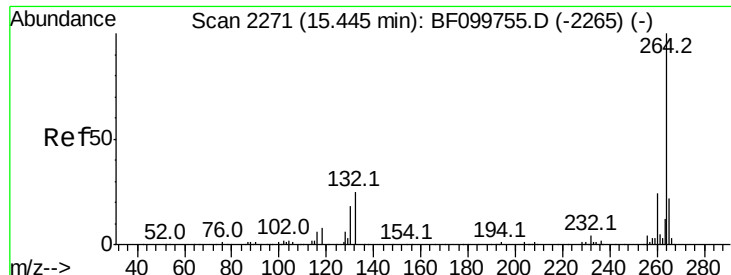
Tot Ion:240 Resp: 192460
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 105.292 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF100182.D
 Acq: 4 Nov 2017 16:56

Tgt Ion:244 Resp: 927278
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.2 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100182.D
Acq: 4 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	154280
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.2	28.8
265	22.9	17.5	26.3

