

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100105.D
 Acq On : 3 Nov 2017 00:27
 Operator : SJ/JU
 Sample : I6216-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 02:34:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

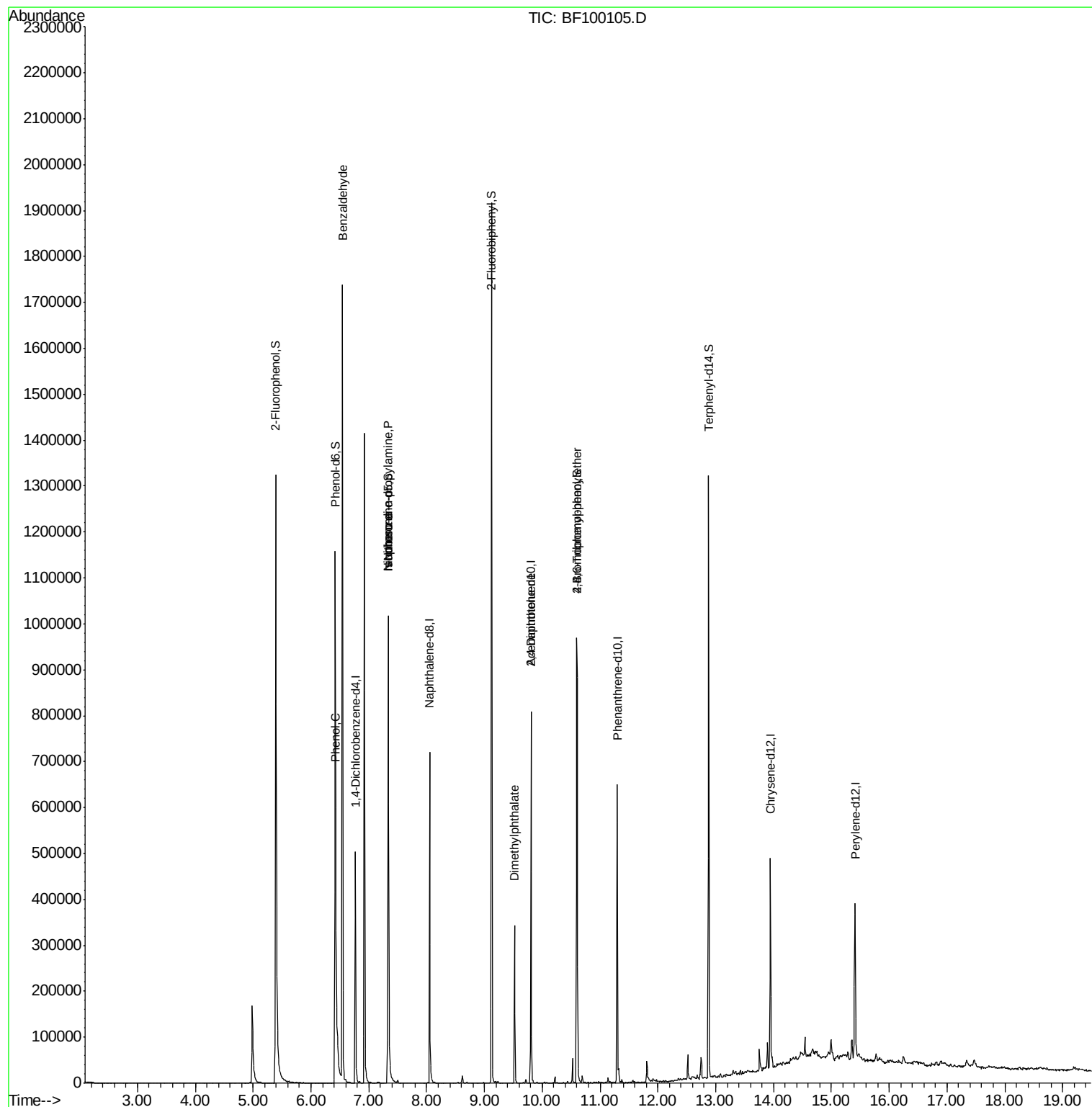
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	85372	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	348057	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	154421	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	241667	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	155801	20.00	ng	-0.03
86) Perylene-d12	15.41	264	148900	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	527359	96.98	ng	0.00
7) Phenol-d6	6.42	99	659446	102.28	ng	0.00
23) Nitrobenzene-d5	7.34	82	357192	66.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	128808	91.53	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	616233	61.57	ng	-0.01
78) Terphenyl-d14	12.88	244	425399	59.67	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.55	77	9467	2.457	ng	91
10) Phenol	6.43	94	23652	3.341	ng	# 66
19) n-Nitroso-di-n-propylamine	7.34	70	43873	11.611	ng	# 70
25) Isophorone	7.34	82	357192	36.411	ng	# 64
49) Dimethylphthalate	9.52	163	146055	11.943	ng	99
56) 2,4-Dinitrotoluene	9.80	165	19754	6.381	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	8415	3.308	ng	# 1

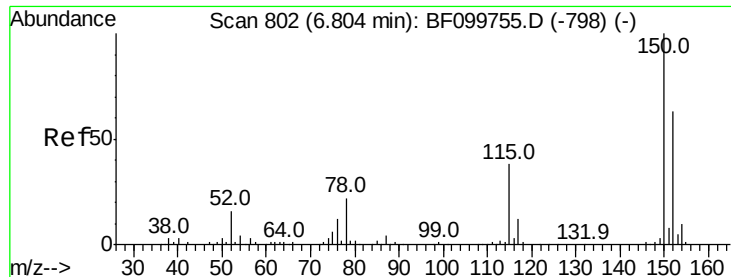
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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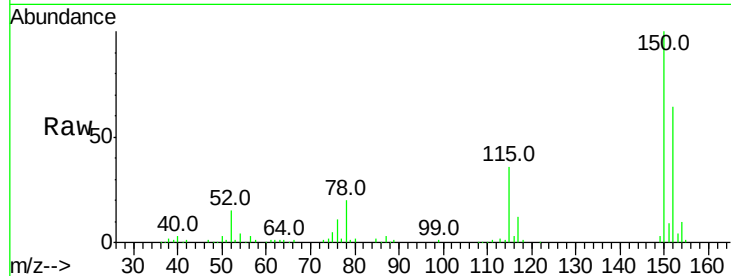


#1

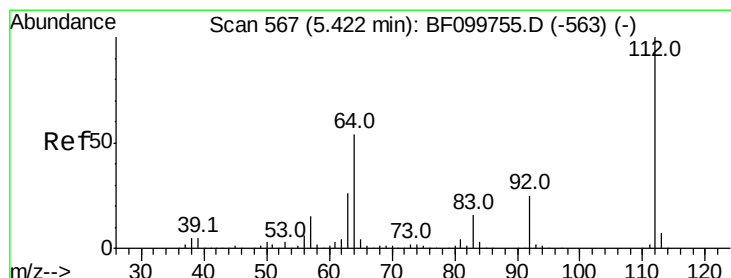
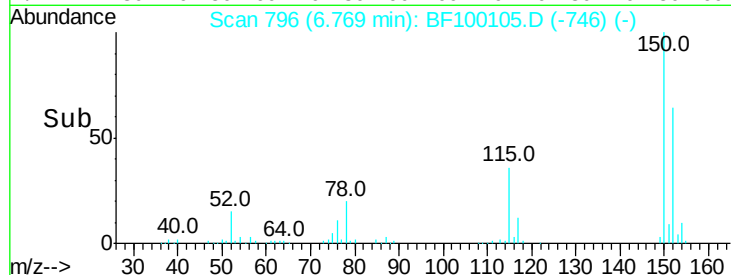
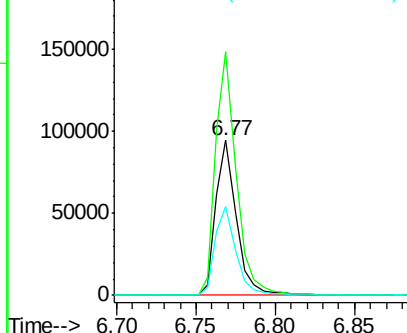
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85372
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.1 50.1 75.1



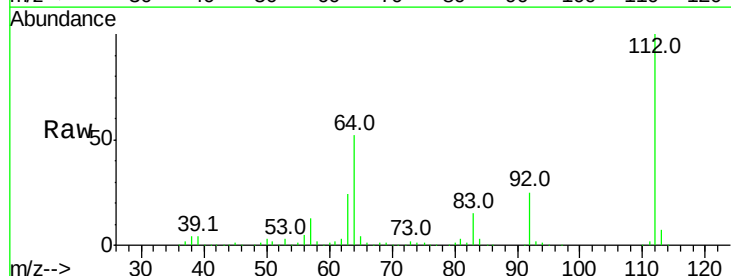
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



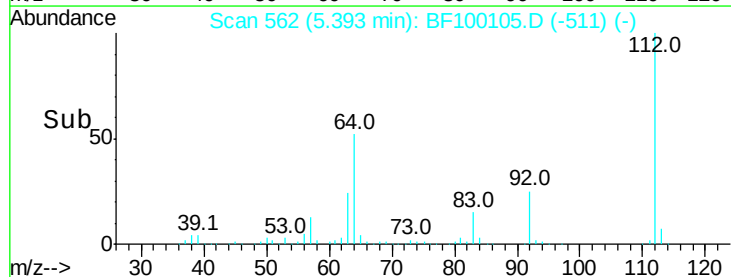
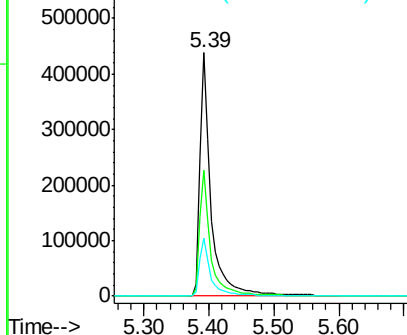
#5

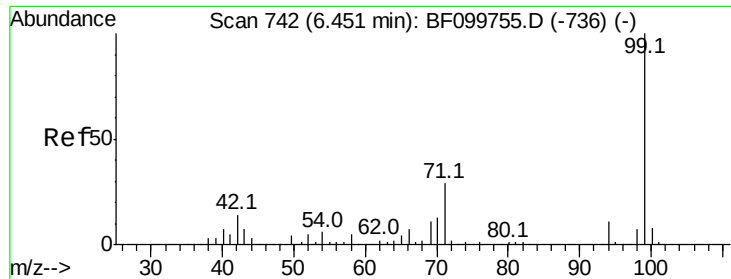
2-Fluorophenol
Concen: 96.980 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Tgt Ion:112 Resp: 527359
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 23.9 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: 102.276 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100105.D

Acq: 3 Nov 2017 00:27

Instrument :

BNA_F

ClientSampleId :

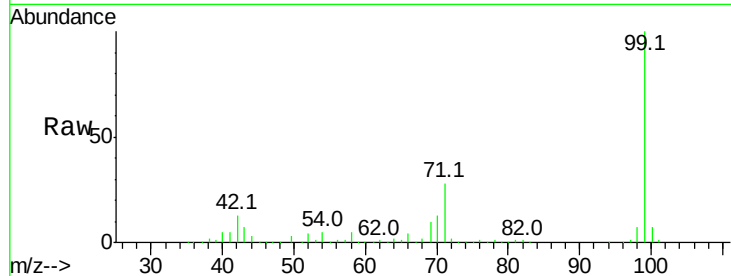
Tot Ion: 99 Resp: 659446

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

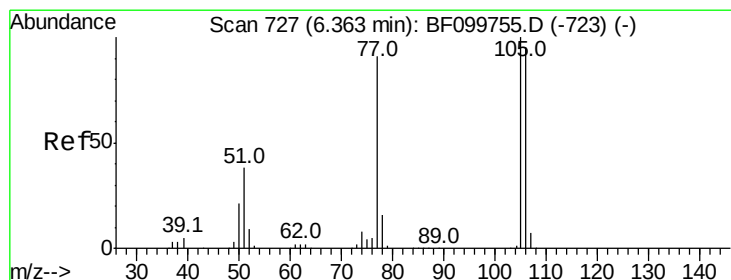
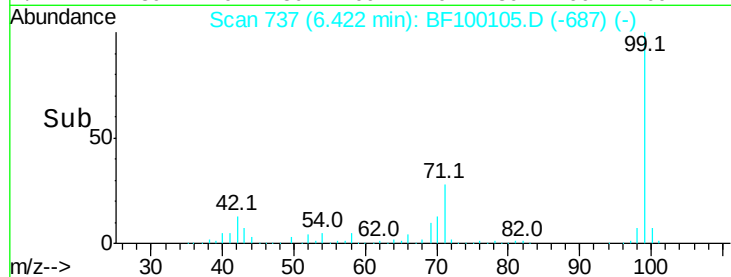
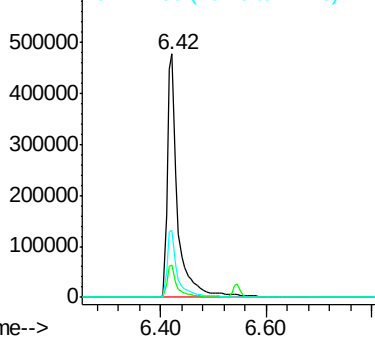
71 27.6 25.4 38.0



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: 2.457 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100105.D

Acq: 3 Nov 2017 00:27

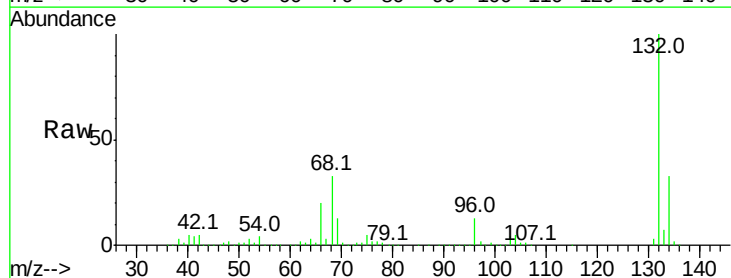
Tgt Ion: 77 Resp: 9467

Ion Ratio Lower Upper

77 100

105 90.7 81.1 121.1

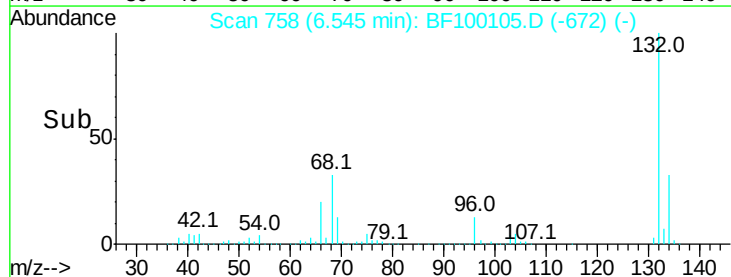
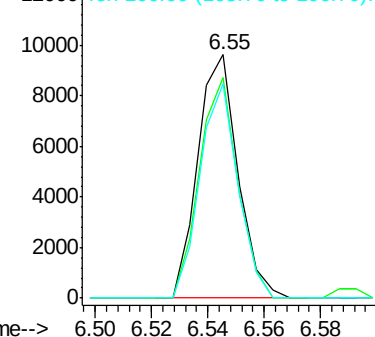
106 88.0 74.5 114.5

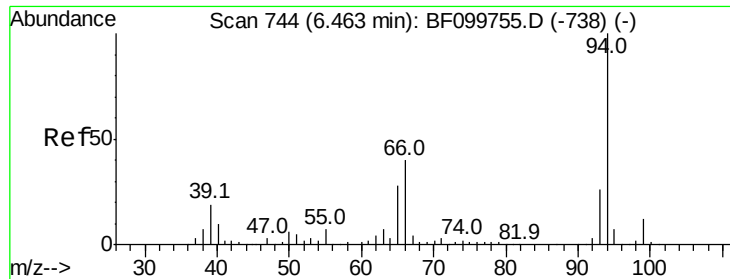


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.341 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100105.D

Acq: 3 Nov 2017 00:27

Instrument :

BNA_F

ClientSampled :

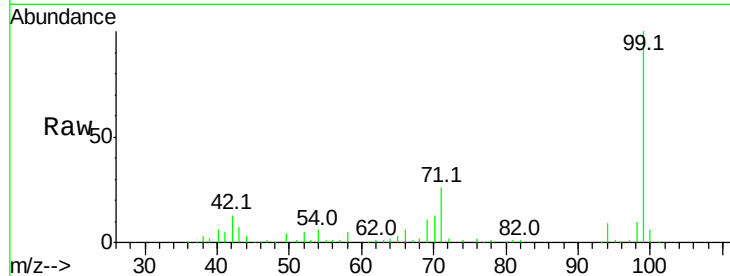
Tot Ion: 94 Resp: 23652

Ion Ratio Lower Upper

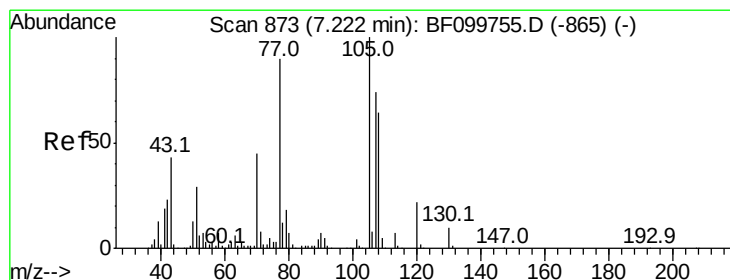
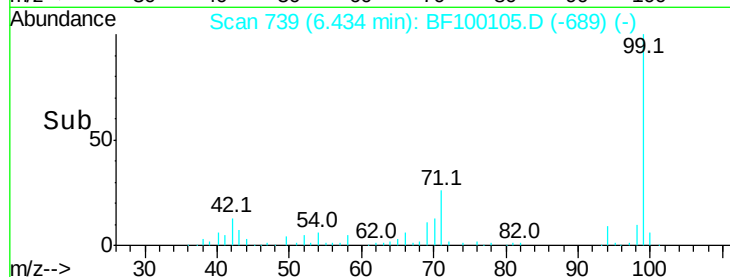
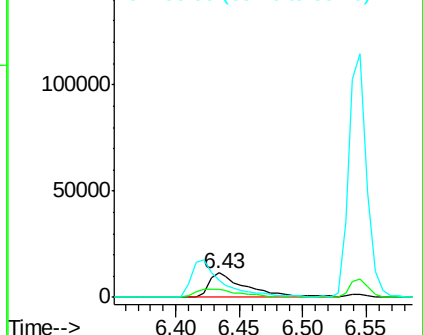
94 100

65 32.3 7.9 47.9

66 67.9 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: 11.611 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100105.D

Acq: 3 Nov 2017 00:27

Tgt Ion: 70 Resp: 43873

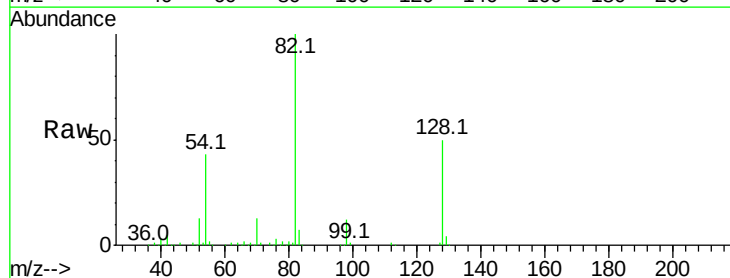
Ion Ratio Lower Upper

70 100

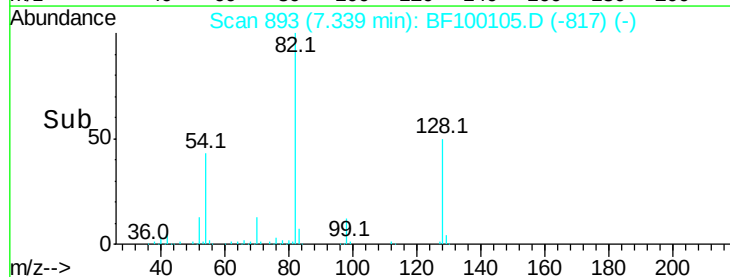
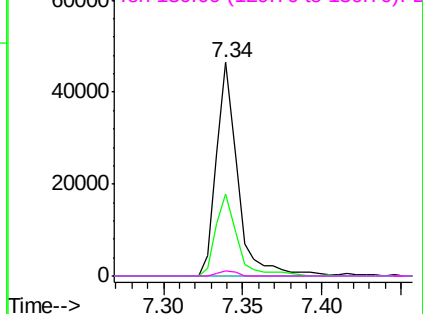
42 38.4 47.5 71.3#

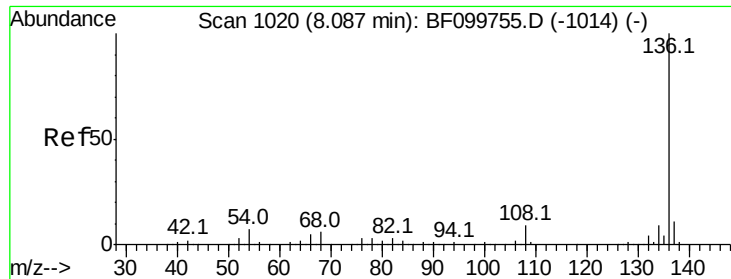
101 0.0 7.4 11.2#

130 2.5 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

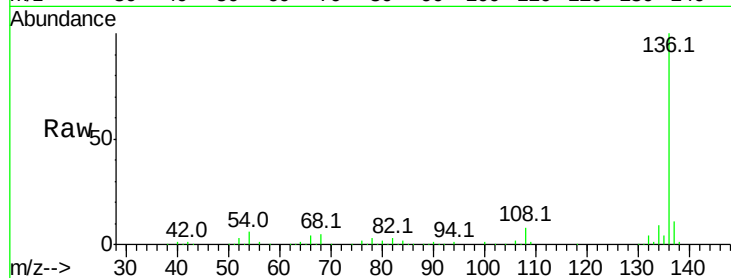




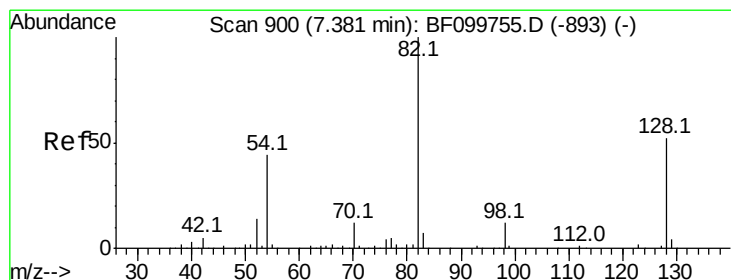
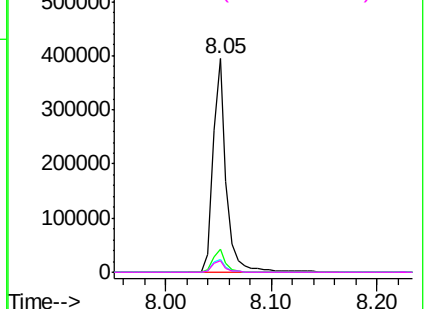
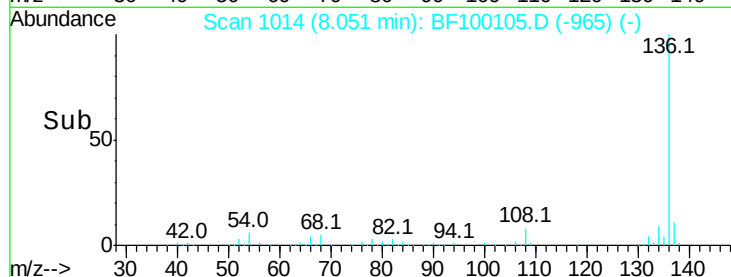
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	348057
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.0	6.6	9.8#
68	5.1	5.0	7.4

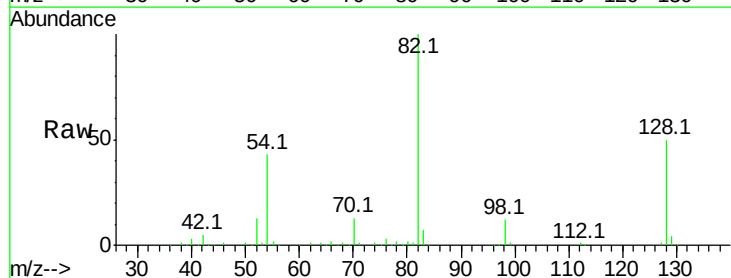


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

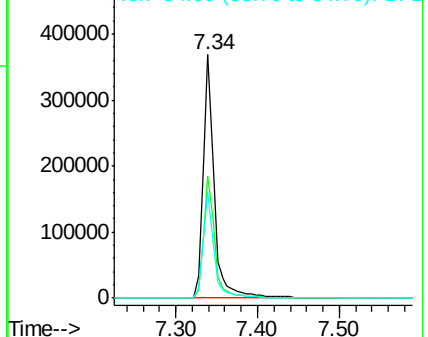
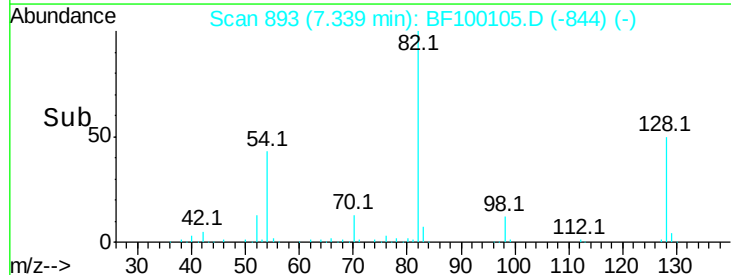


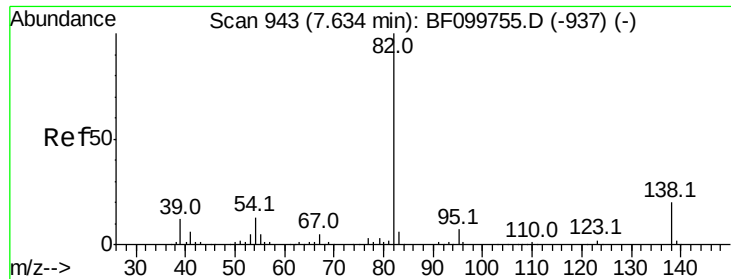
#23
Nitrobenzene-d5
Concen: 66.070 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Tgt Ion:	82	Resp:	357192
Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	43.3	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

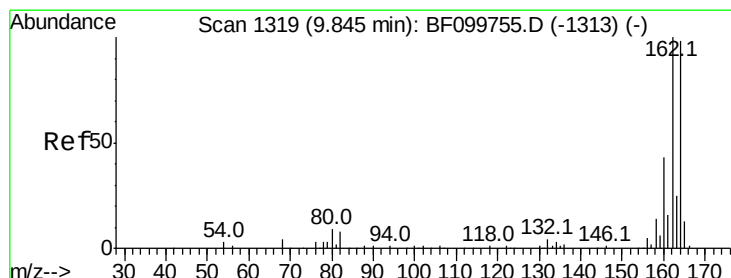
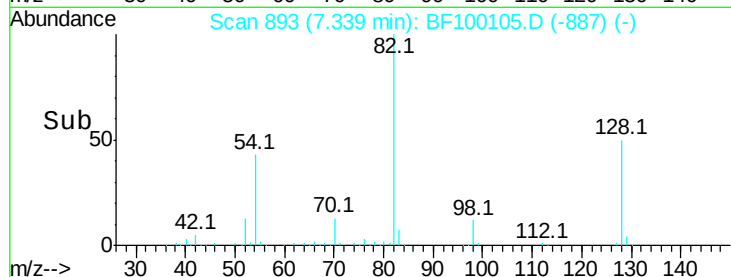
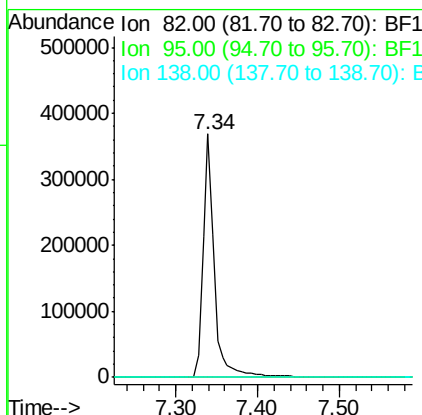
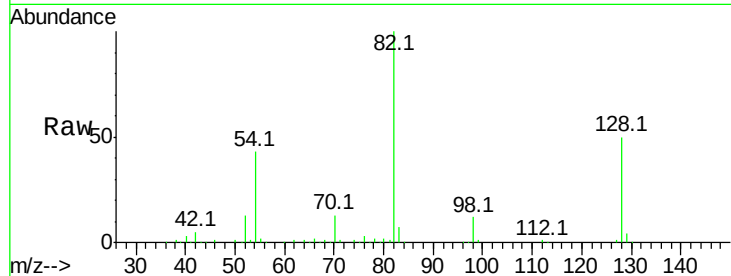




#25
Isophorone
Concen: 36.411 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

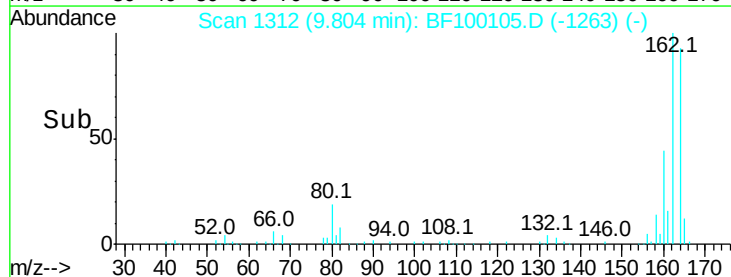
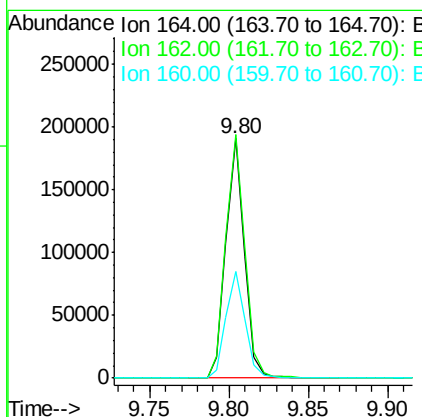
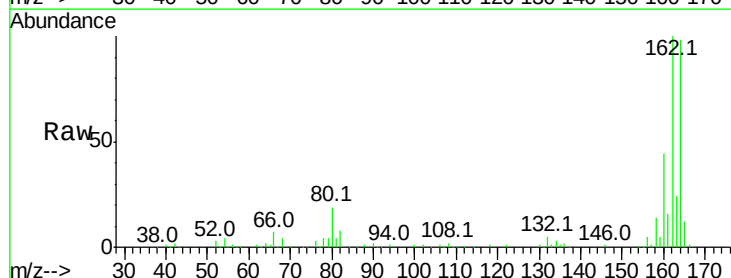
Instrument :
BNA_F
ClientSampleId :

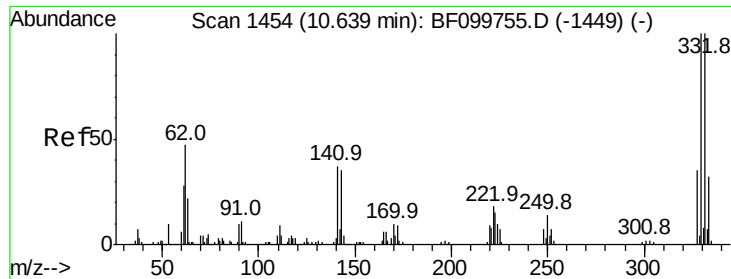
Tot Ion: 82 Resp: 357192
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Tgt Ion:164 Resp: 154421
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 44.6 38.3 57.5

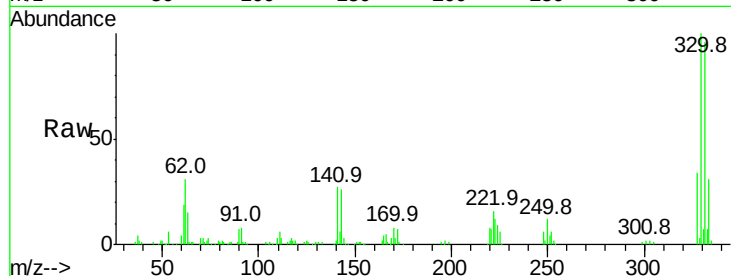




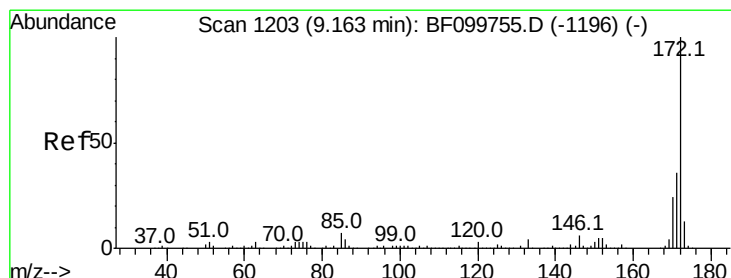
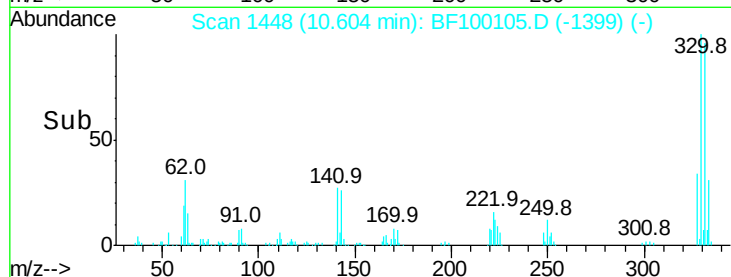
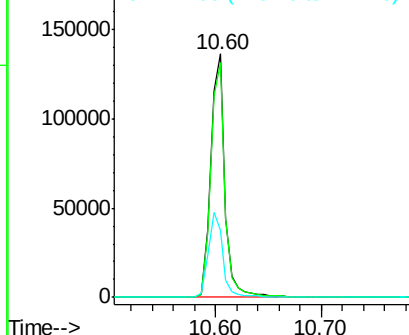
#41
 2,4,6-Tribromophenol
 Concen: 91.531 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100105.D
 Acq: 3 Nov 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	35.1	29.9	44.9

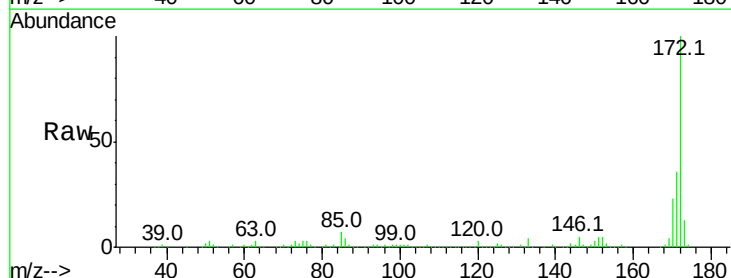


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

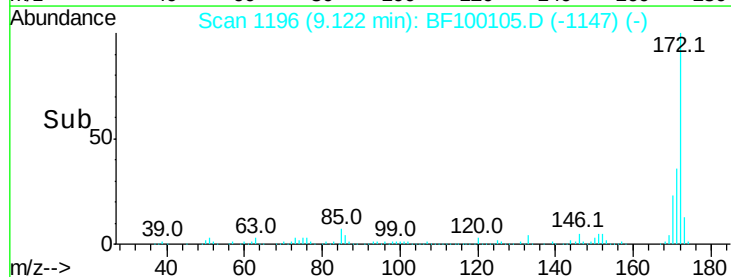
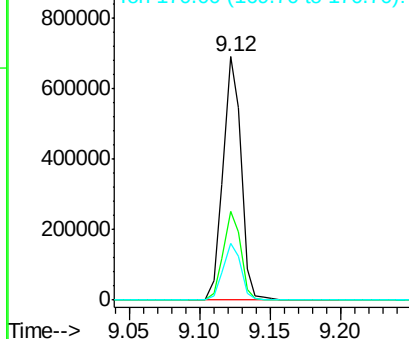


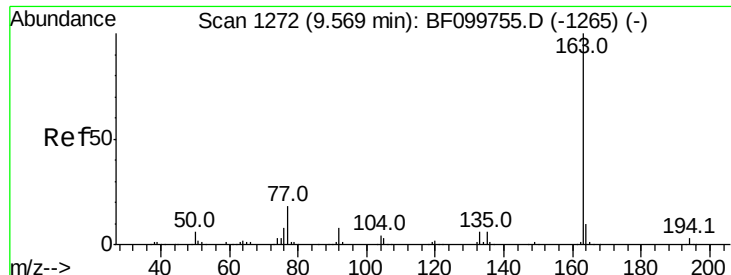
#44
 2-Fluorobiphenyl
 Concen: 61.569 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100105.D
 Acq: 3 Nov 2017 00:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	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





#49

Dimethylphthalate

Concen: 11.943 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF100105.D

Acq: 3 Nov 2017 00:27

Instrument :

BNA_F

ClientSampleId :

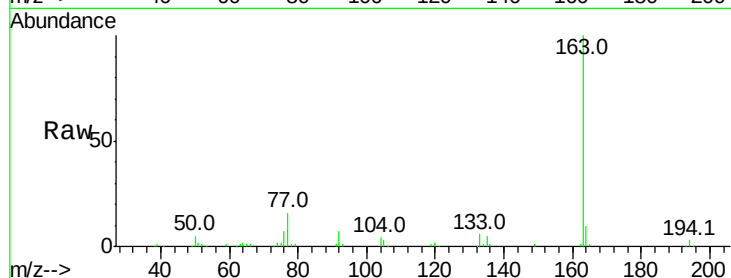
Tot Ion:163 Resp: 146055

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

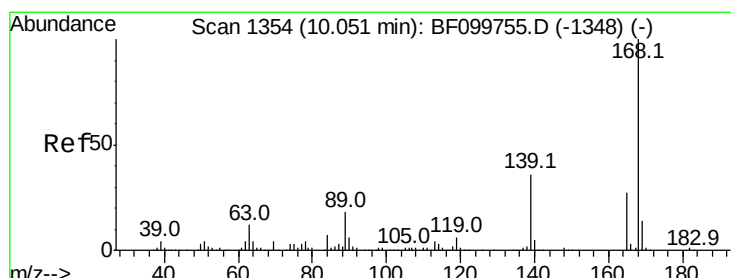
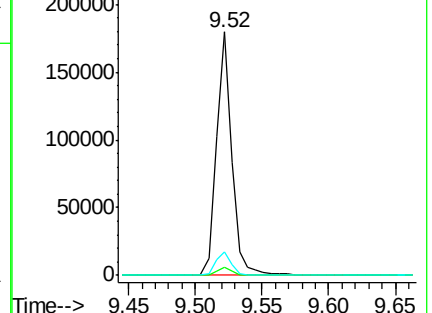
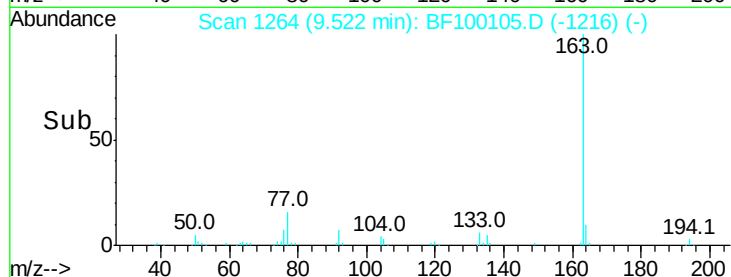
164 9.8 8.2 12.2



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: 6.381 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.23 min

Lab File: BF100105.D

Acq: 3 Nov 2017 00:27

Tgt Ion:165 Resp: 19754

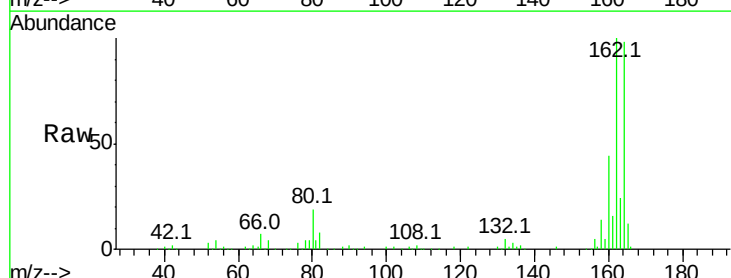
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

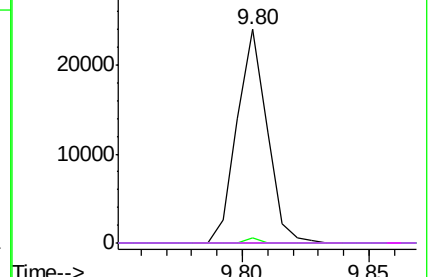
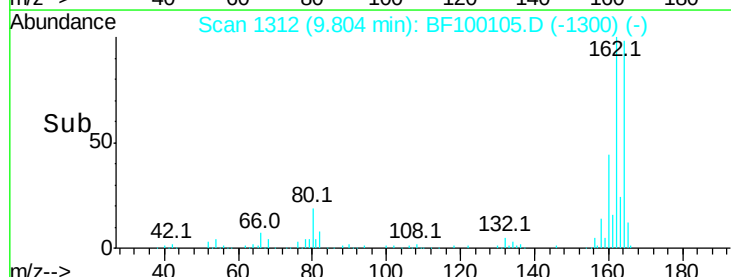


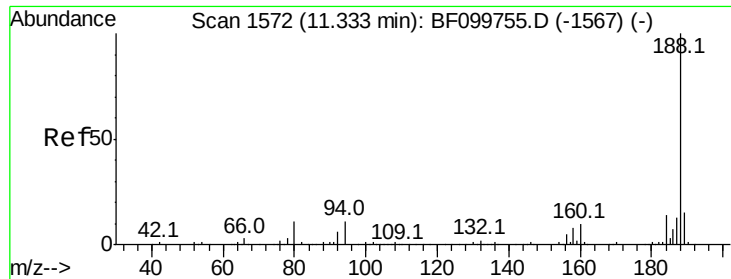
Abundance Ion 165.00 (164.70 to 165.70): E

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

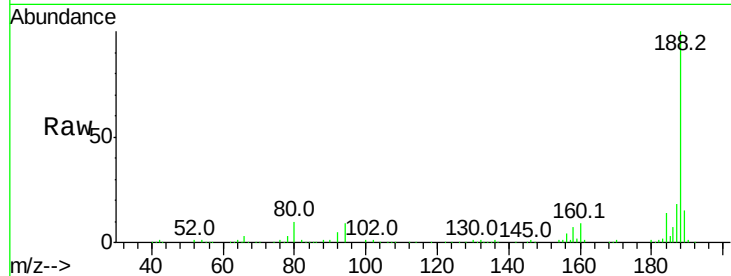




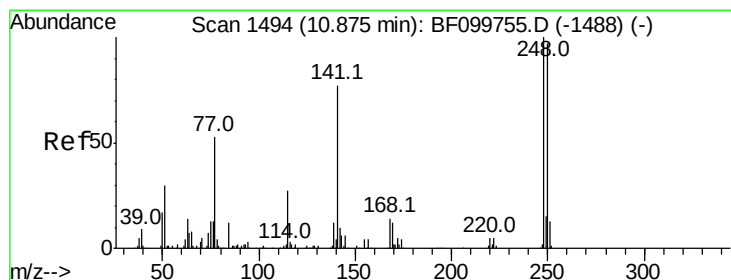
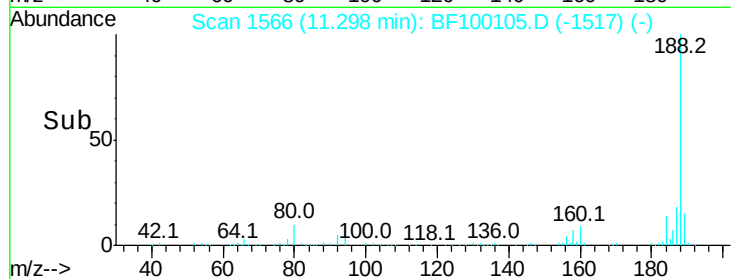
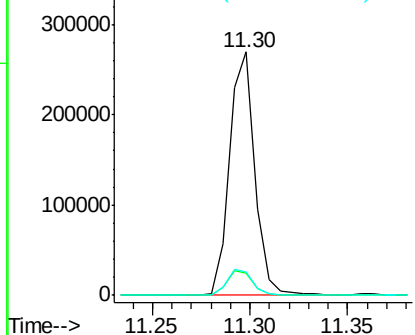
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.8	9.2	13.8

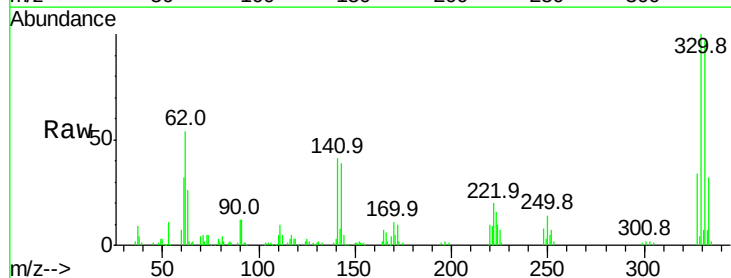


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

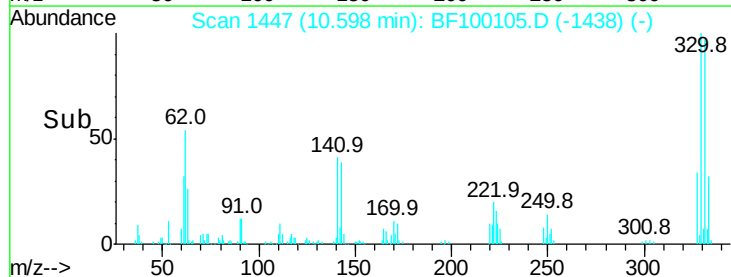
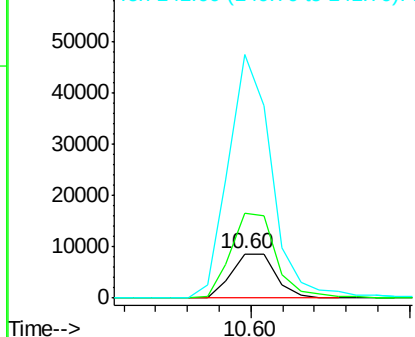


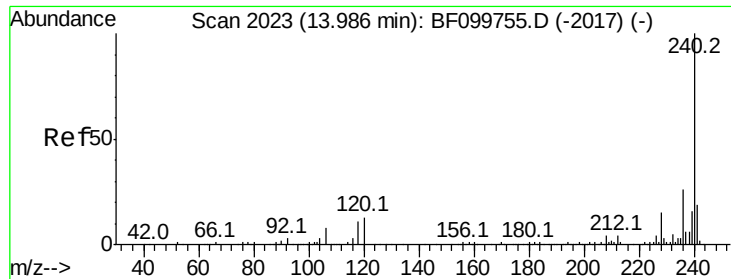
#66
4-Bromophenyl-phenylether
Concen: 3.308 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.8	76.9	115.3#
141	546.6	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

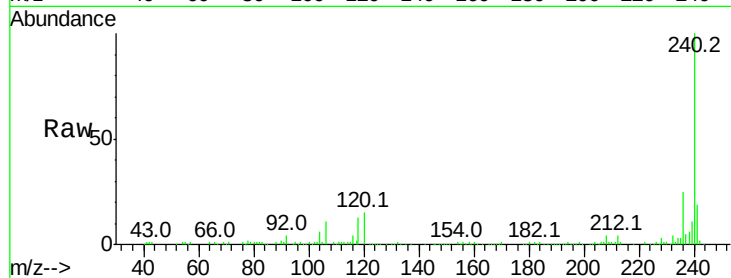




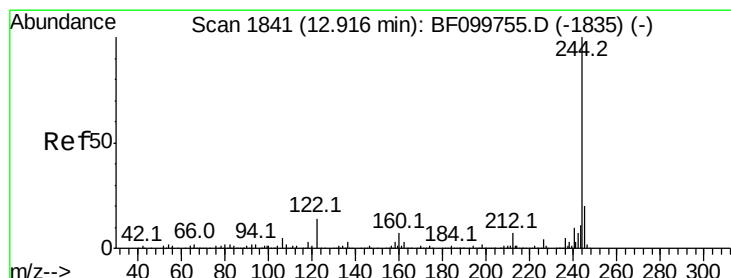
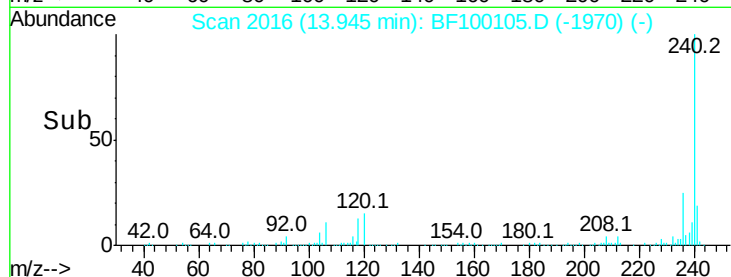
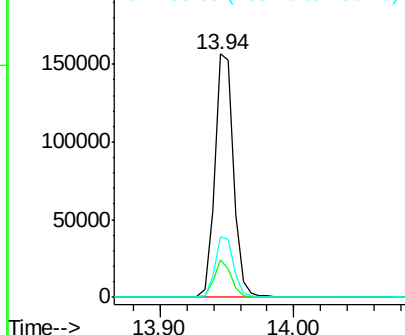
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 155801
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 25.1 20.7 31.1

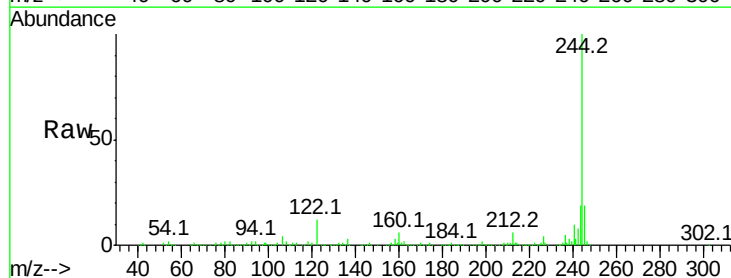


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

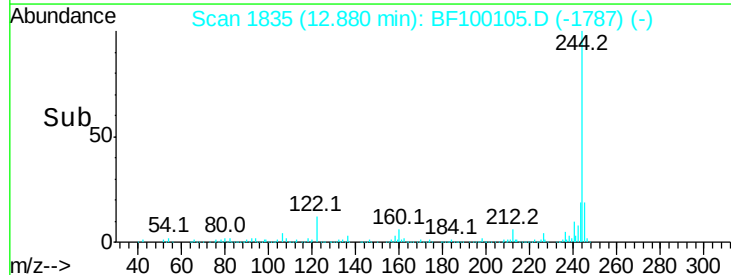
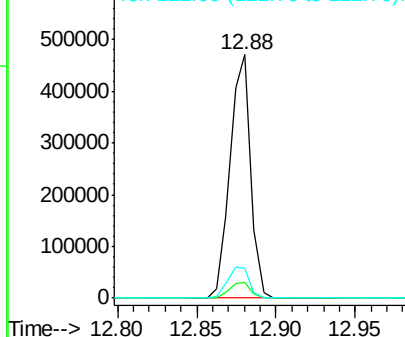


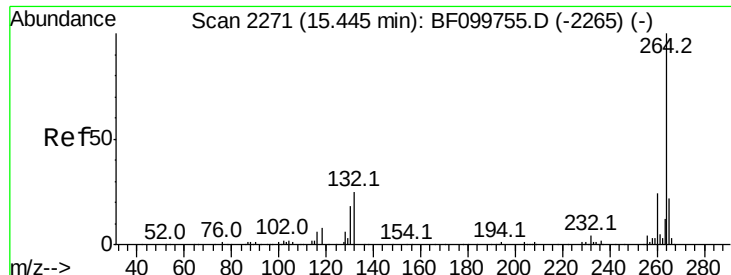
#78
Terphenyl-d14
Concen: 59.669 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Tgt Ion:244 Resp: 425399
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 12.2 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

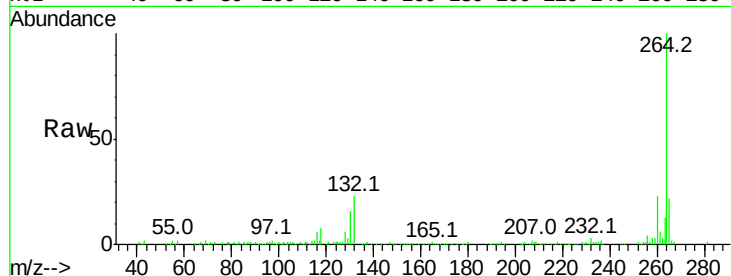




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100105.D
Acq: 3 Nov 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

