

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100192.D
 Acq On : 4 Nov 2017 21:24
 Operator : SJ/JU
 Sample : I6313-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:52:45 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

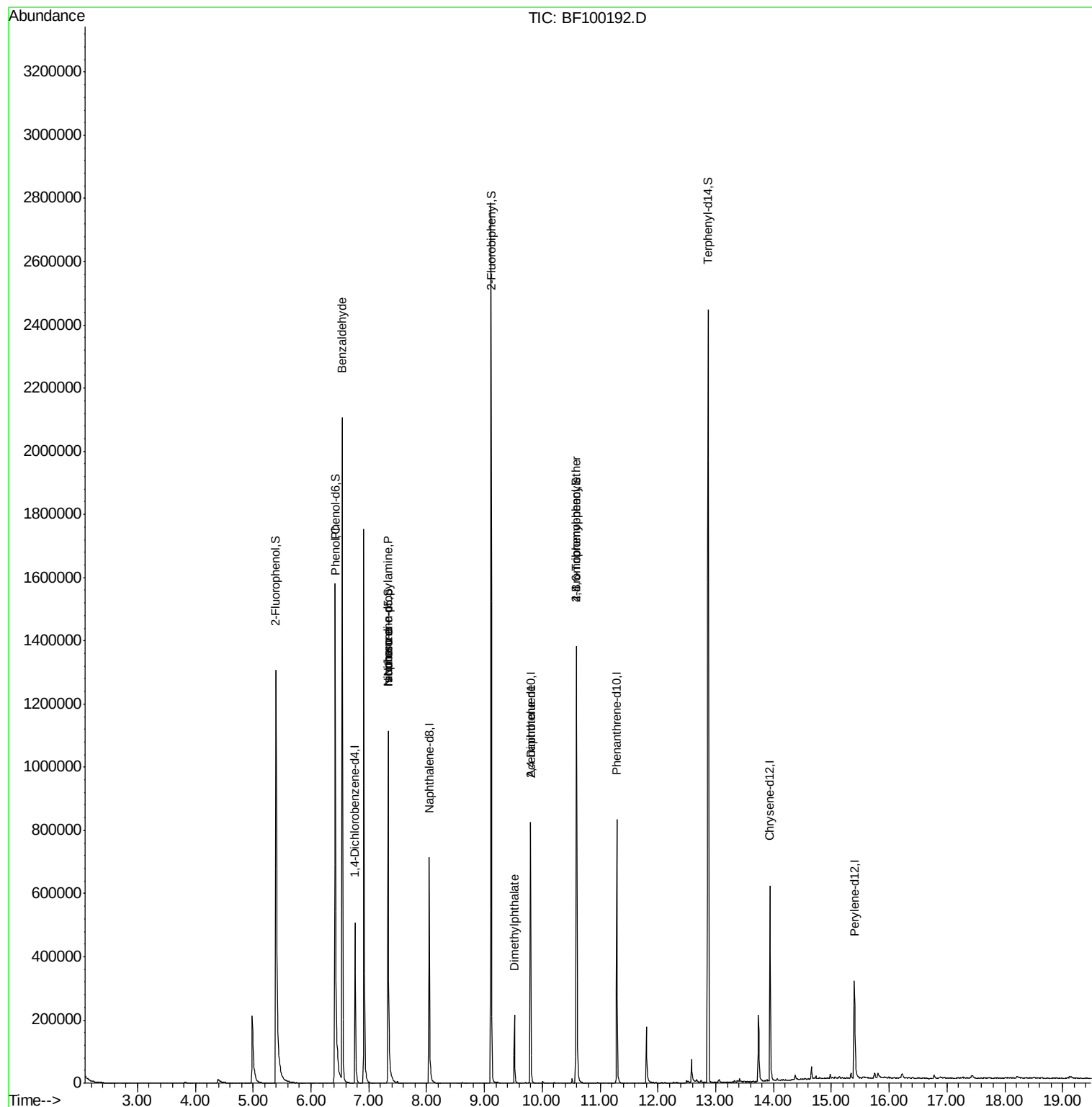
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90555	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	376919	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	179859	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	337982	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	226857	20.00	ng	-0.01
86) Perylene-d12	15.40	264	165451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	672151	116.53	ng	0.00
7) Phenol-d6	6.42	99	806605	117.94	ng	-0.01
23) Nitrobenzene-d5	7.33	82	453976	77.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	191779	117.00	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	929374	79.72	ng	-0.01
78) Terphenyl-d14	12.87	244	869022	83.72	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	11389	2.787	ng	Qvalue 96
10) Phenol	6.43	94	32453	4.322	ng	# 67
19) n-Nitroso-di-n-propylamine	7.33	70	55528	13.855	ng	# 71
25) Isophorone	7.33	82	453976	42.733	ng	# 64
49) Dimethylphthalate	9.52	163	100806	7.077	ng	99
56) 2,4-Dinitrotoluene	9.80	165	22919	6.356	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	12306	3.459	ng	# 1

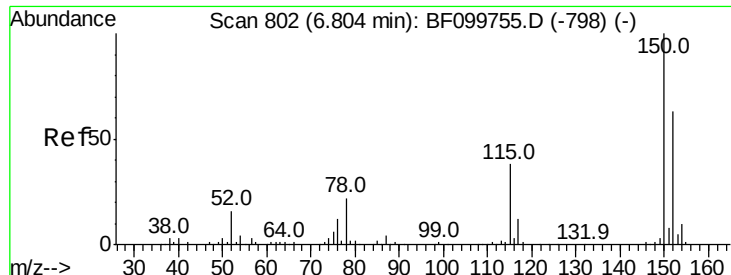
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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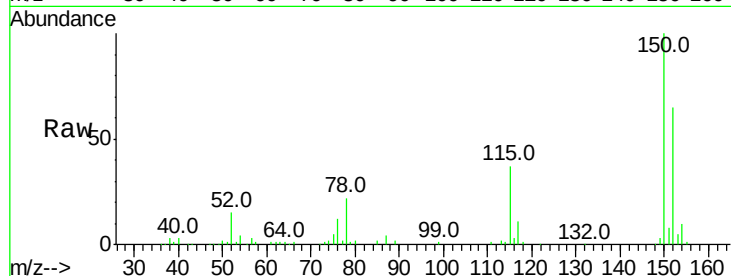


#1

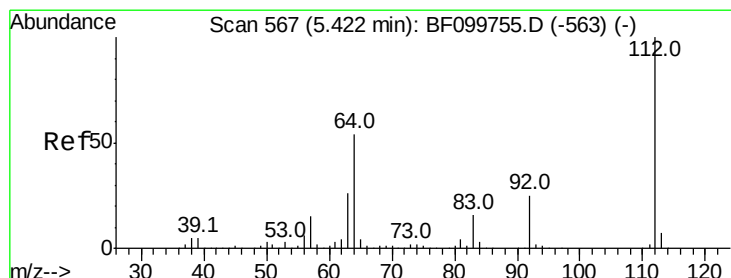
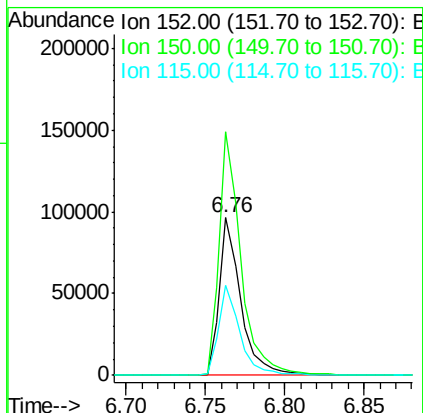
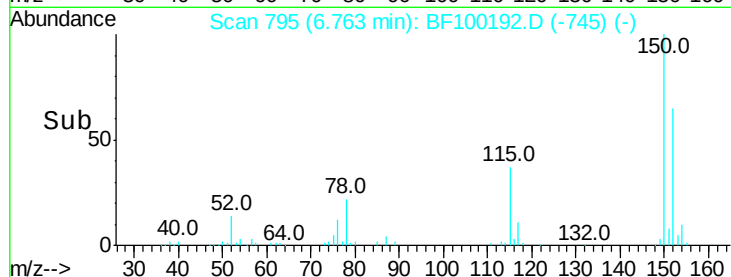
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90555
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 57.6 50.1 75.1



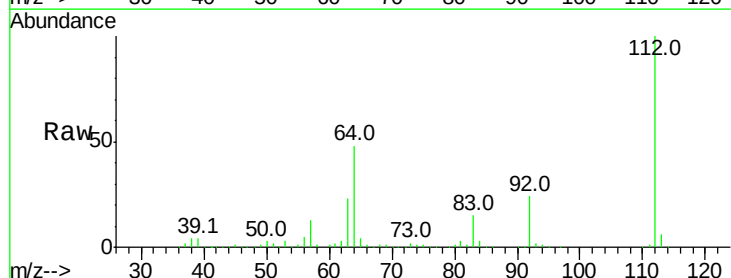
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



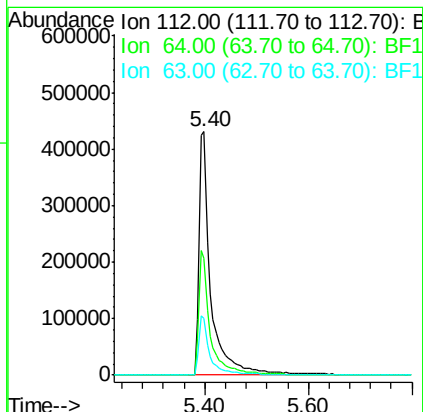
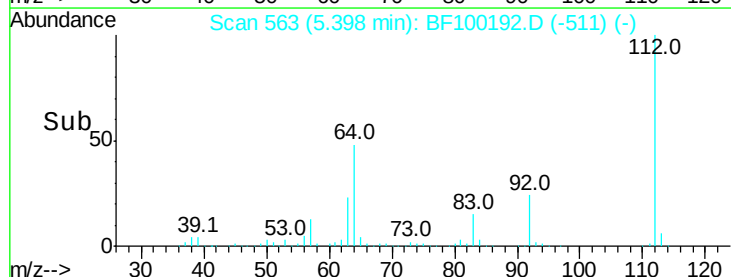
#5

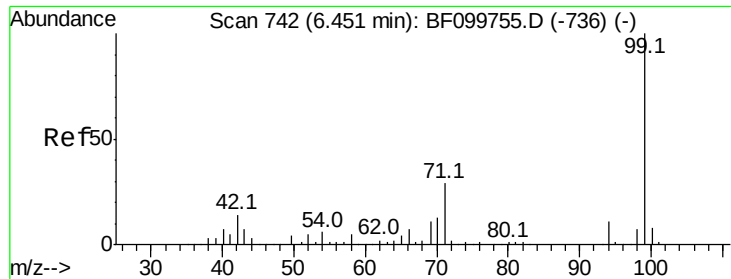
2-Fluorophenol
Concen: 116.532 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Tgt Ion:112 Resp: 672151
Ion Ratio Lower Upper
112 100
64 47.9 47.9 71.9#
63 23.4 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: 117.939 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100192.D

Acq: 4 Nov 2017 21:24

Instrument :

BNA_F

ClientSampleId :

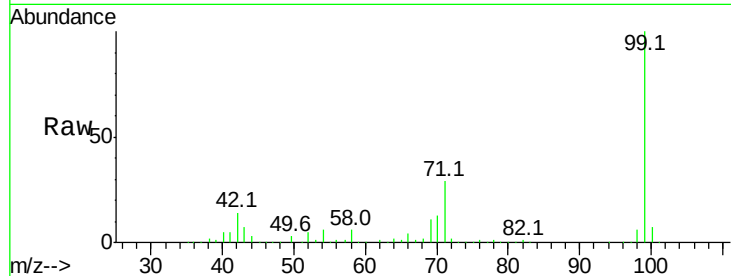
Tot Ion: 99 Resp: 806605

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

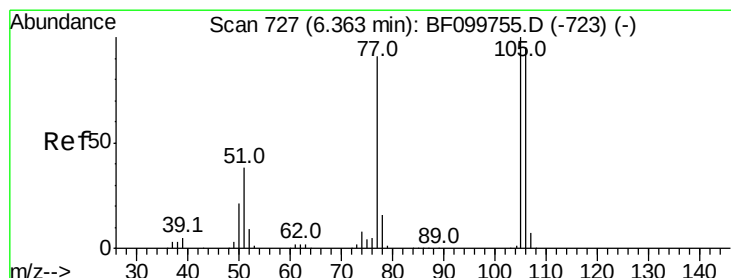
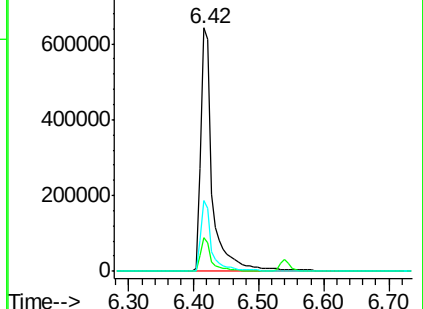
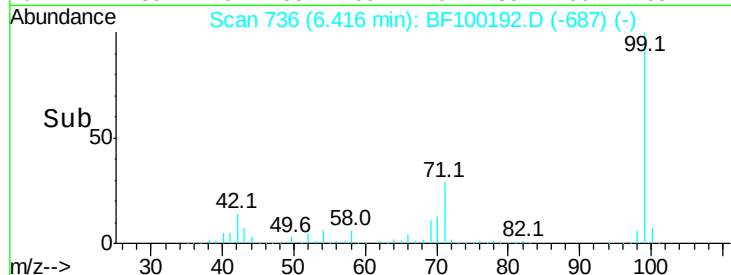
71 29.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.787 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100192.D

Acq: 4 Nov 2017 21:24

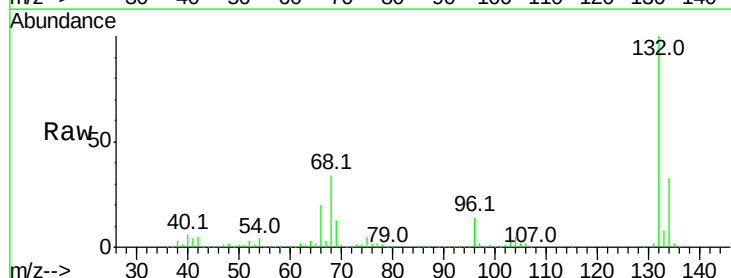
Tgt Ion: 77 Resp: 11389

Ion Ratio Lower Upper

77 100

105 95.6 81.1 121.1

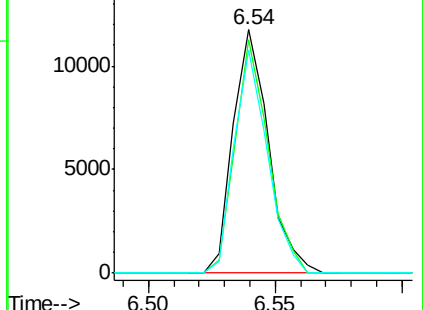
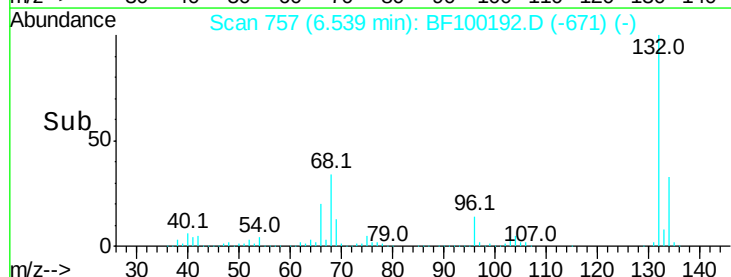
106 91.4 74.5 114.5

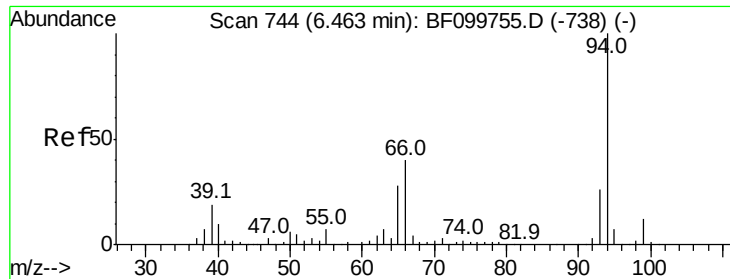


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

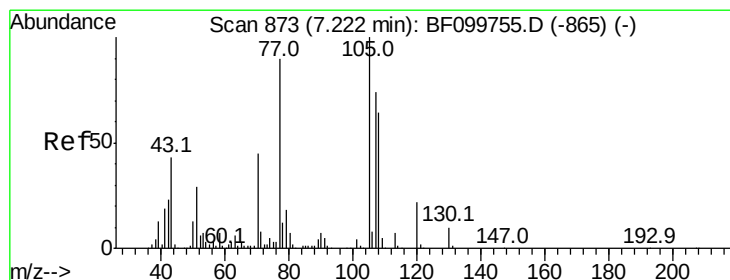
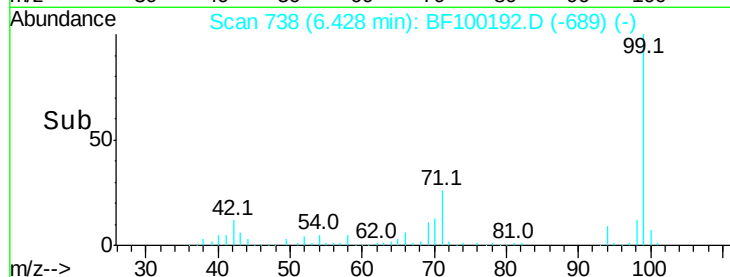
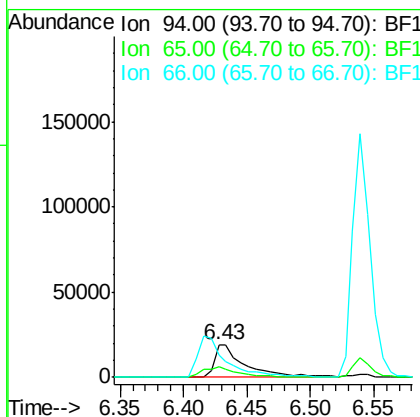
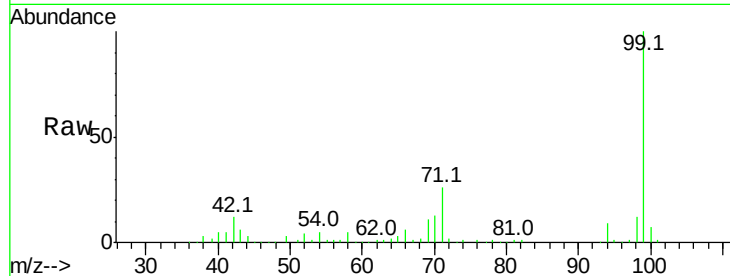




#10
Phenol
Concen: 4.322 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

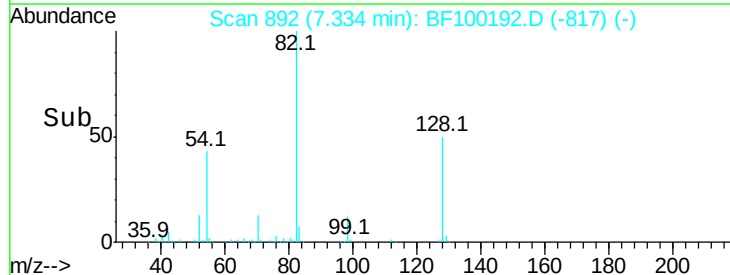
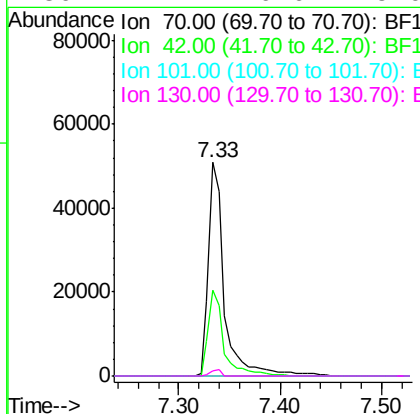
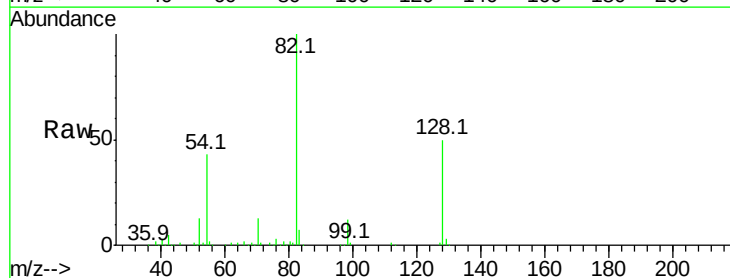
Instrument :
BNA_F
ClientSampleId :

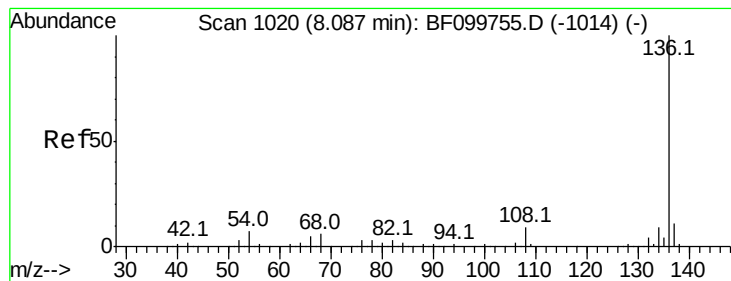
Tot Ion: 94 Resp: 32453
Ion Ratio Lower Upper
94 100
65 31.6 7.9 47.9
66 67.6 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.855 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Tgt Ion: 70 Resp: 55528
Ion Ratio Lower Upper
70 100
42 39.9 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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100192.D

Acq: 4 Nov 2017 21:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376919

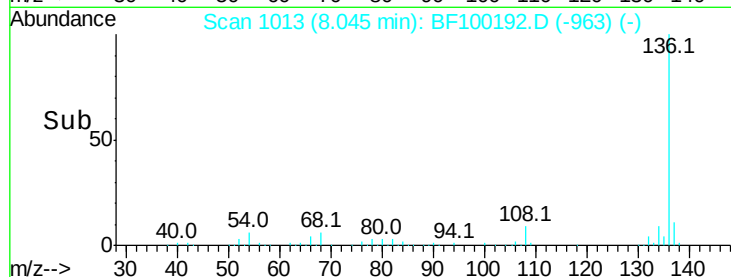
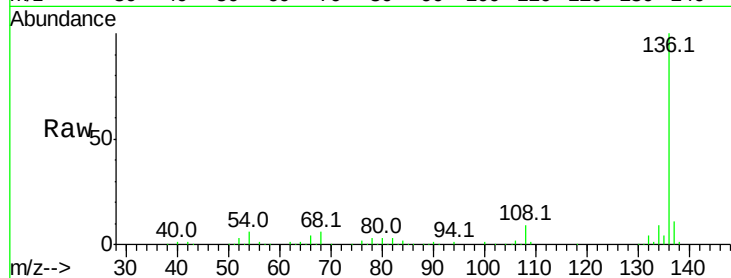
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 6.6 9.8#

68 5.8 5.0 7.4

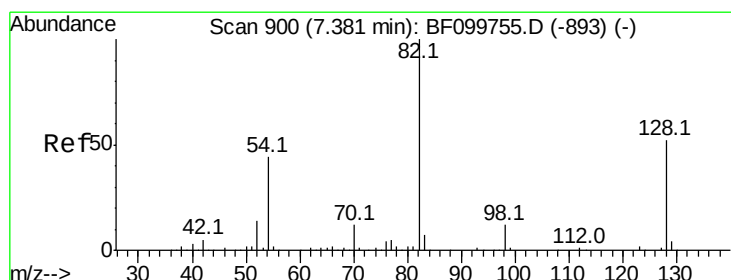
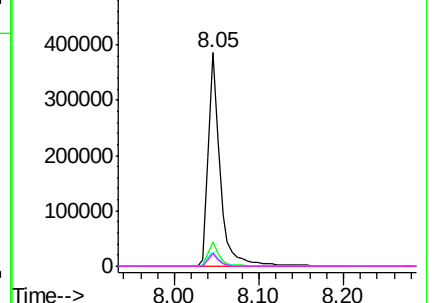


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.542 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF100192.D

Acq: 4 Nov 2017 21:24

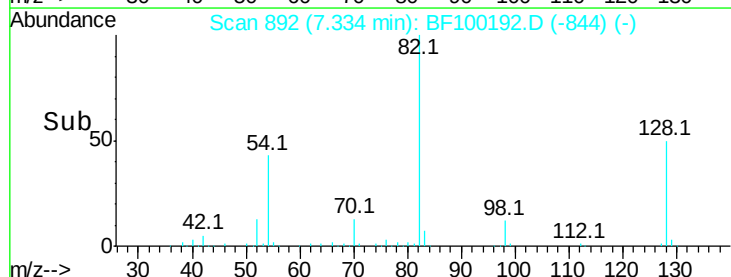
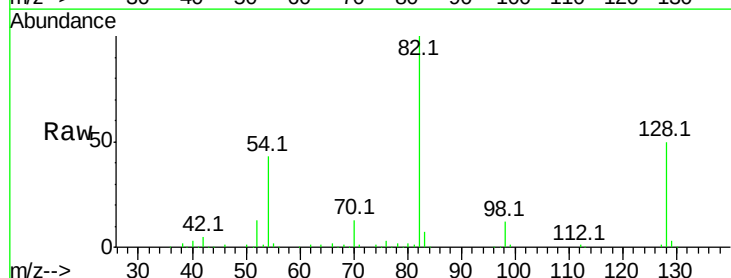
Tgt Ion: 82 Resp: 453976

Ion Ratio Lower Upper

82 100

128 49.7 36.1 54.1

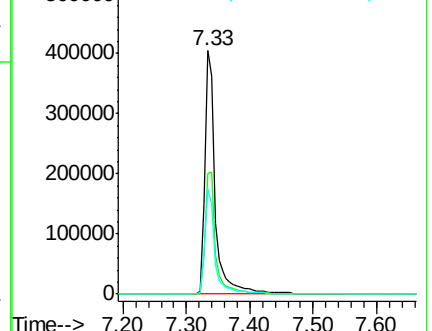
54 43.4 41.4 62.2

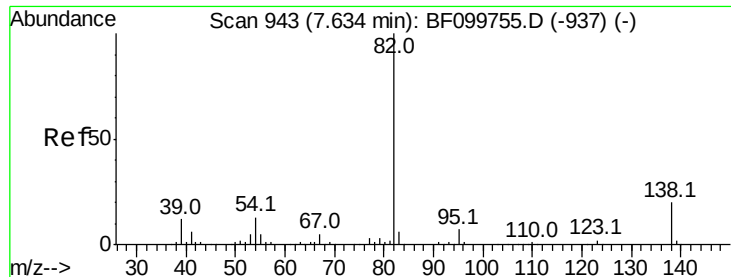


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.733 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100192.D

Acq: 4 Nov 2017 21:24

Instrument :

BNA_F

ClientSampleId :

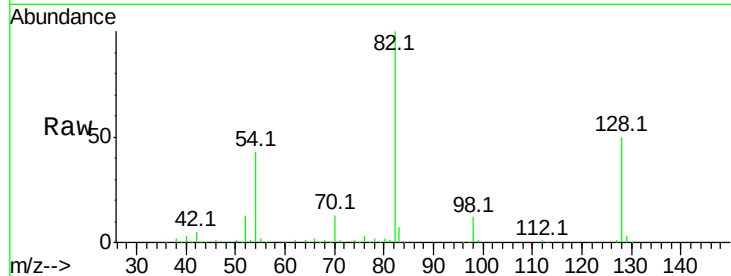
Tot Ion: 82 Resp: 453976

Ion Ratio Lower Upper

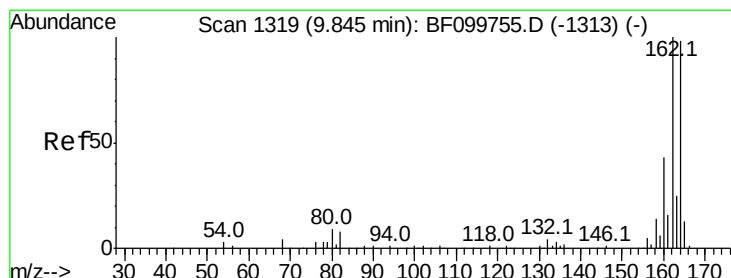
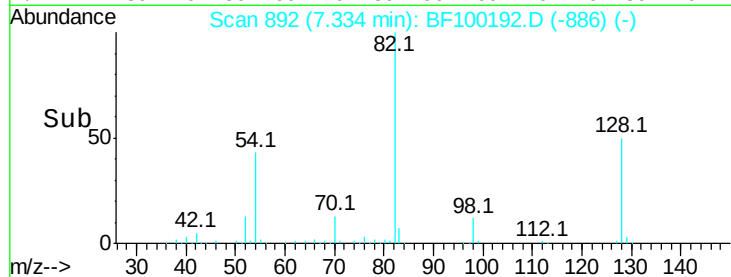
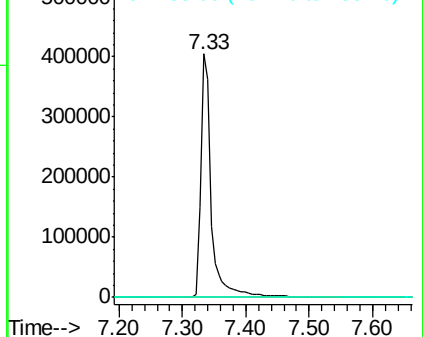
82 100

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: BF100192.D

Acq: 4 Nov 2017 21:24

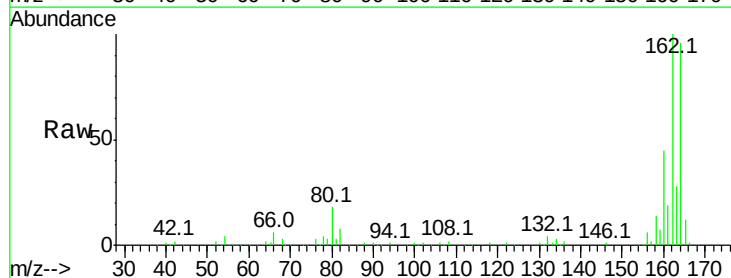
Tgt Ion: 164 Resp: 179859

Ion Ratio Lower Upper

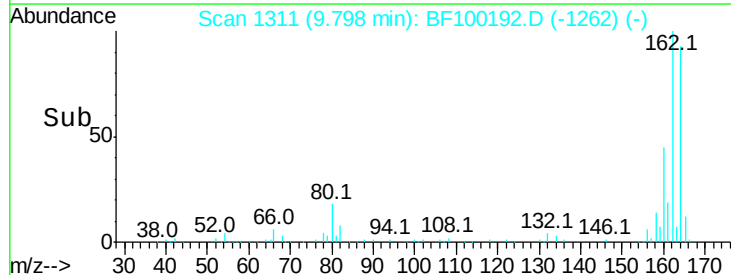
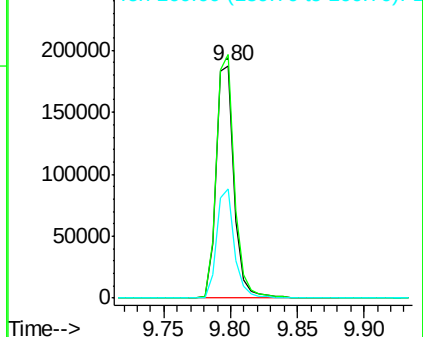
164 100

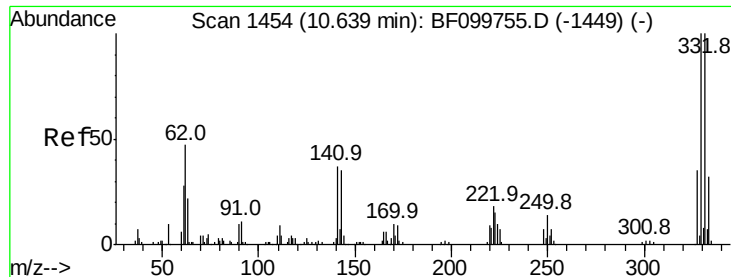
162 104.7 86.1 129.1

160 47.1 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

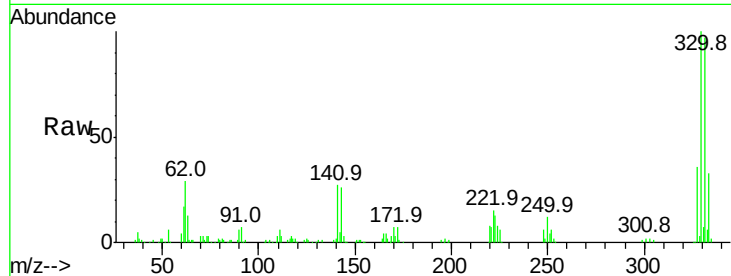




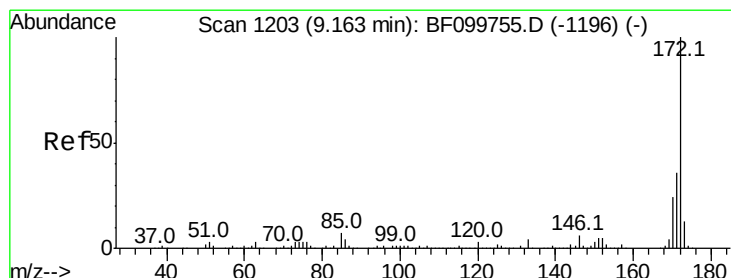
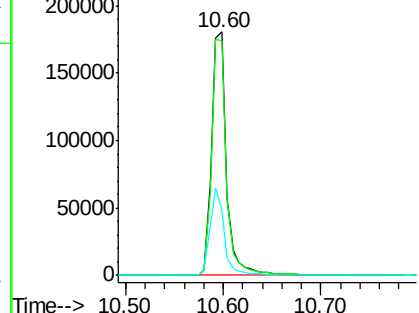
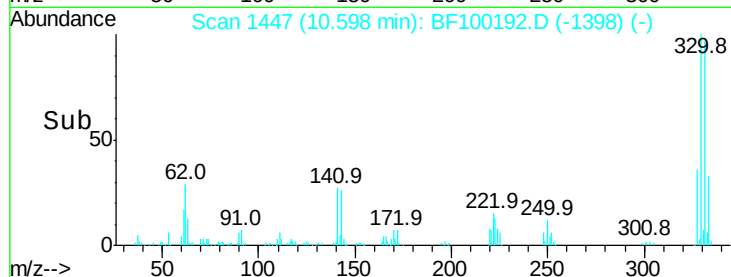
#41
 2,4,6-Tribromophenol
 Concen: 117.004 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100192.D
 Acq: 4 Nov 2017 21:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.9	29.9	44.9

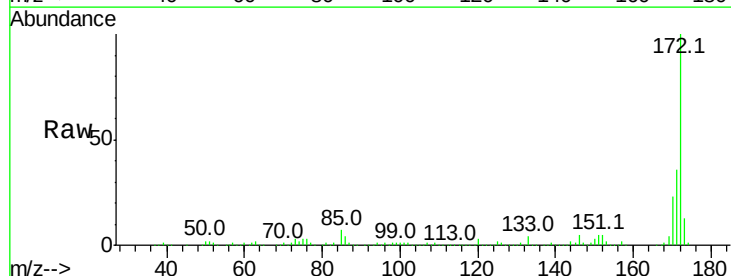


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

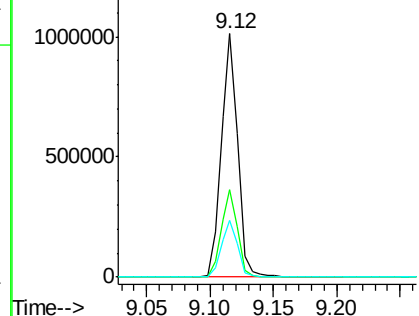
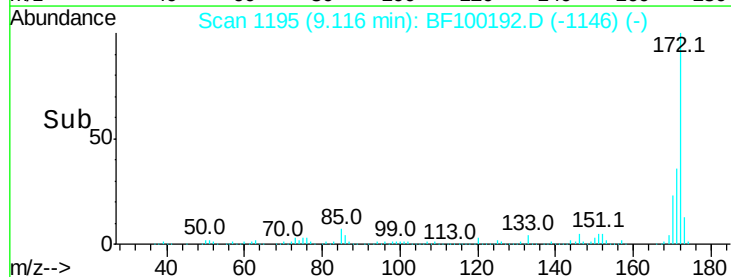


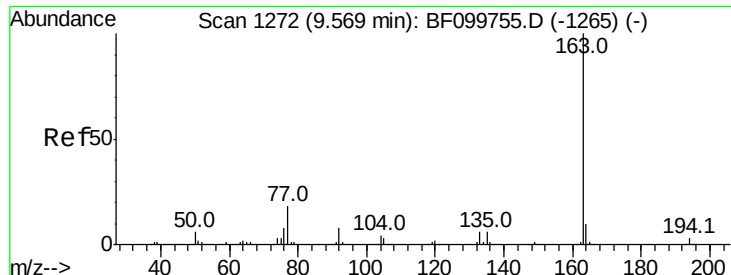
#44
 2-Fluorobiphenyl
 Concen: 79.722 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100192.D
 Acq: 4 Nov 2017 21:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.3	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

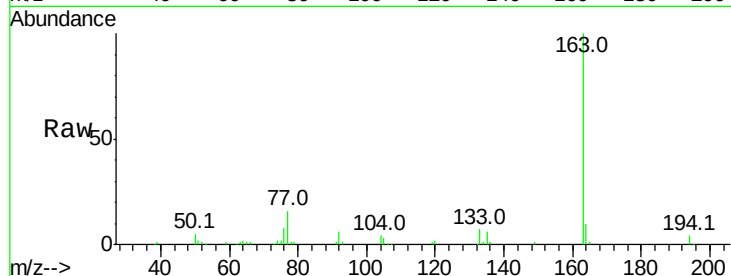




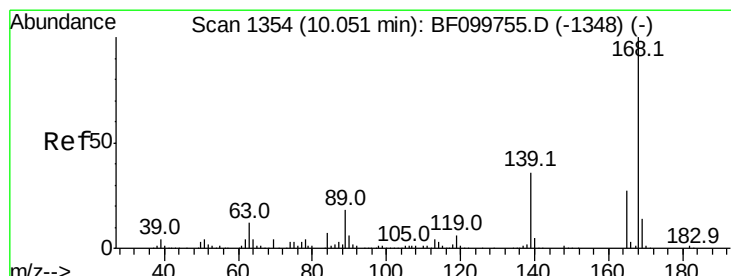
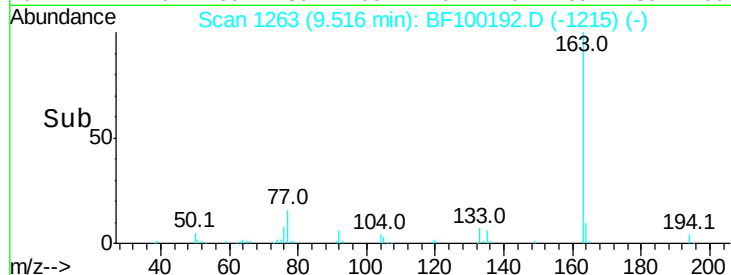
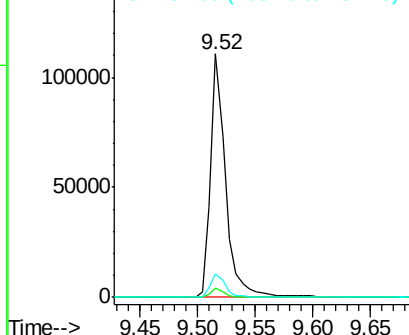
#49
Dimethylphthalate
Concen: 7.077 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.6	8.2	12.2



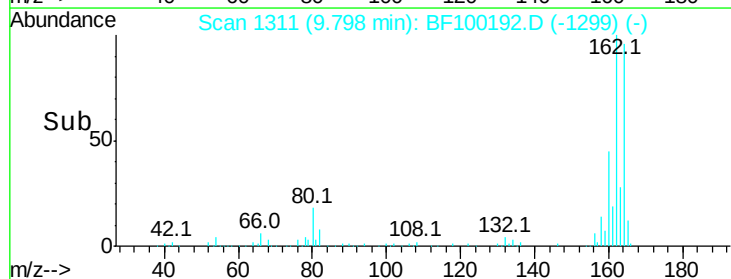
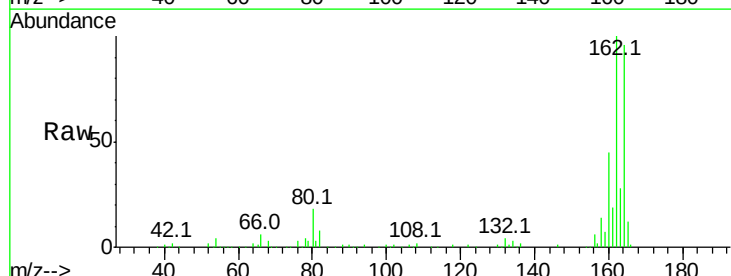
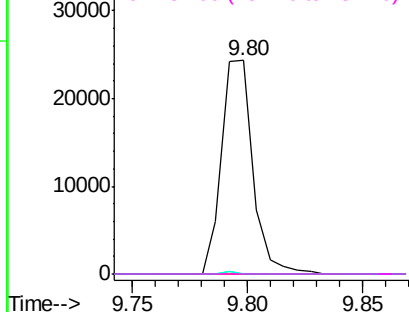
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

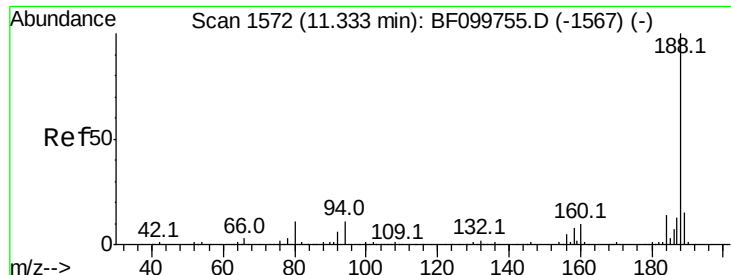


#56
2,4-Dinitrotoluene
Concen: 6.356 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

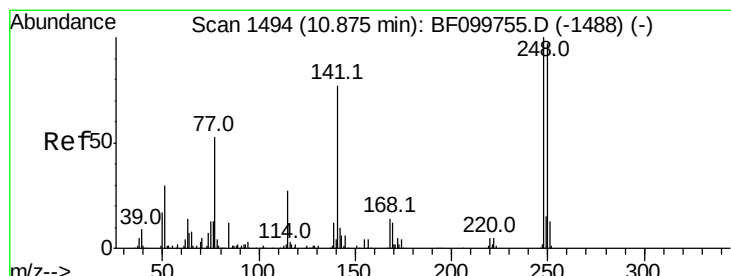
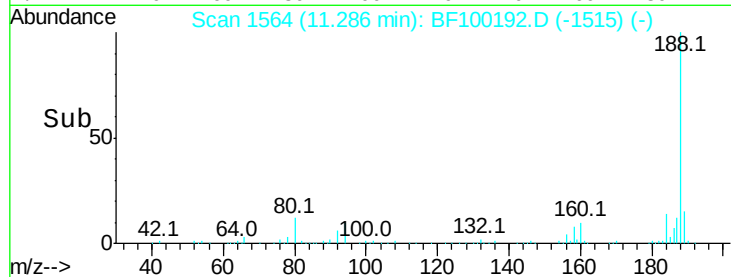
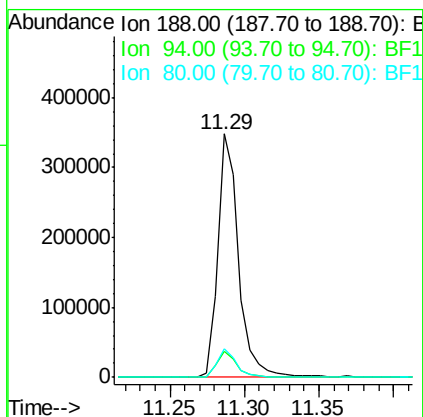
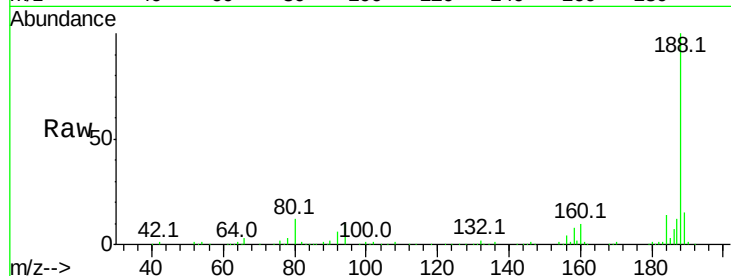




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

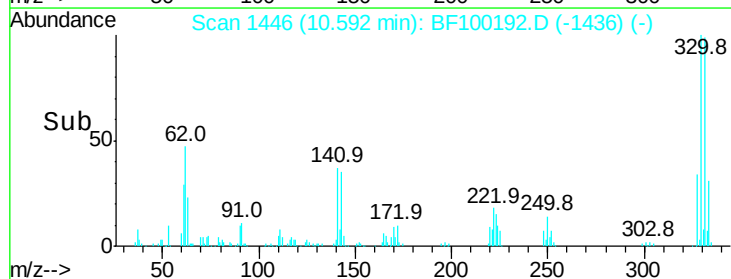
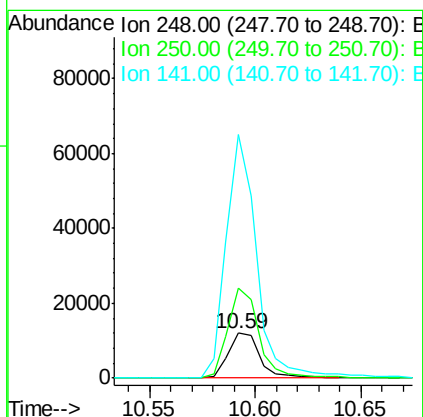
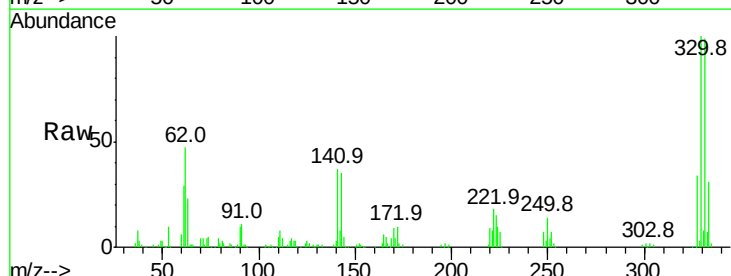
Instrument :
BNA_F
ClientSampleId :

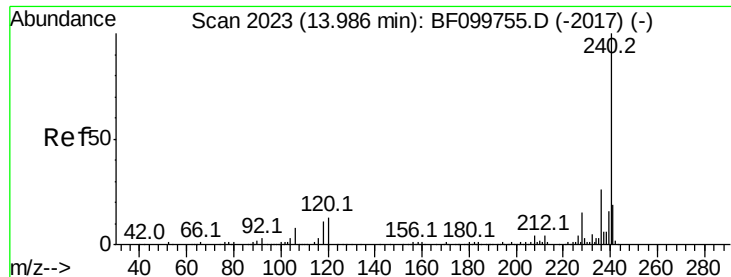
Tot Ion:188 Resp: 337982
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.459 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Tgt Ion:248 Resp: 12306
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 544.0 74.4 111.6#

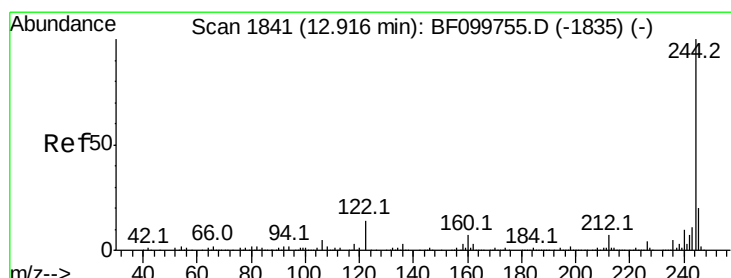
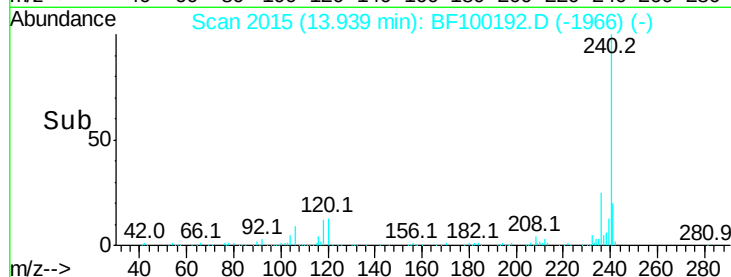
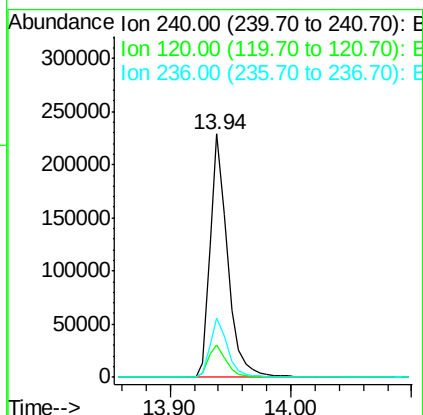
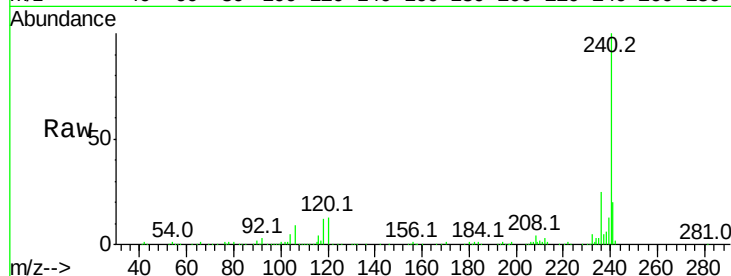




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

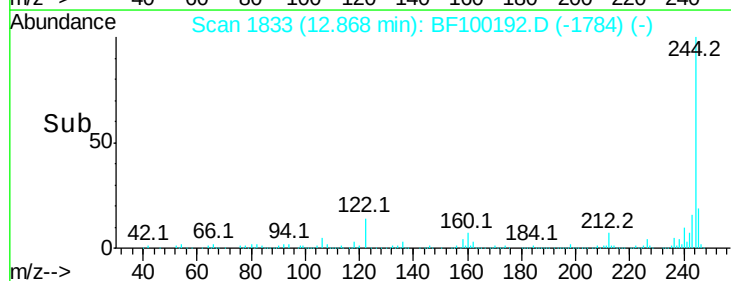
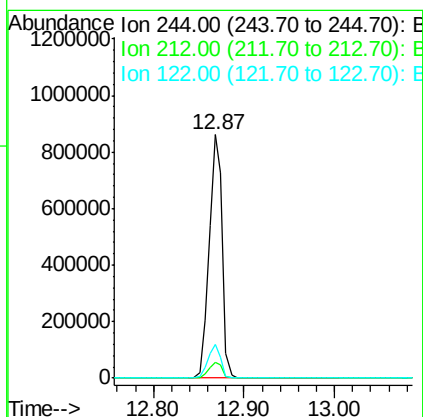
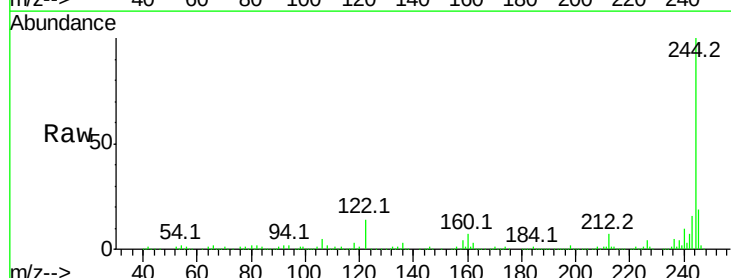
Instrument :
BNA_F
ClientSampleId :

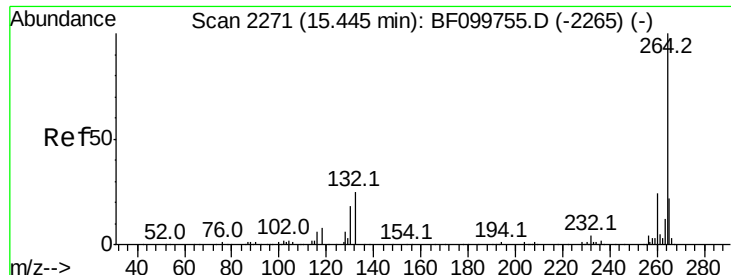
Tot Ion:240 Resp: 226857
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 24.6 20.7 31.1



#78
Terphenyl-d14
Concen: 83.715 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Tgt Ion:244 Resp: 869022
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.9 11.0 16.4

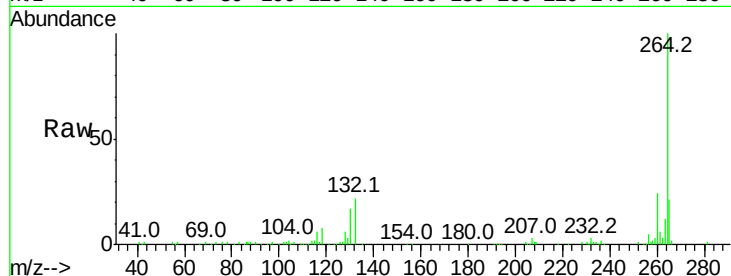




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100192.D
Acq: 4 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

