

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100213.D
 Acq On : 5 Nov 2017 7:18
 Operator : SJ/JU
 Sample : I6327-12
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:58:37 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

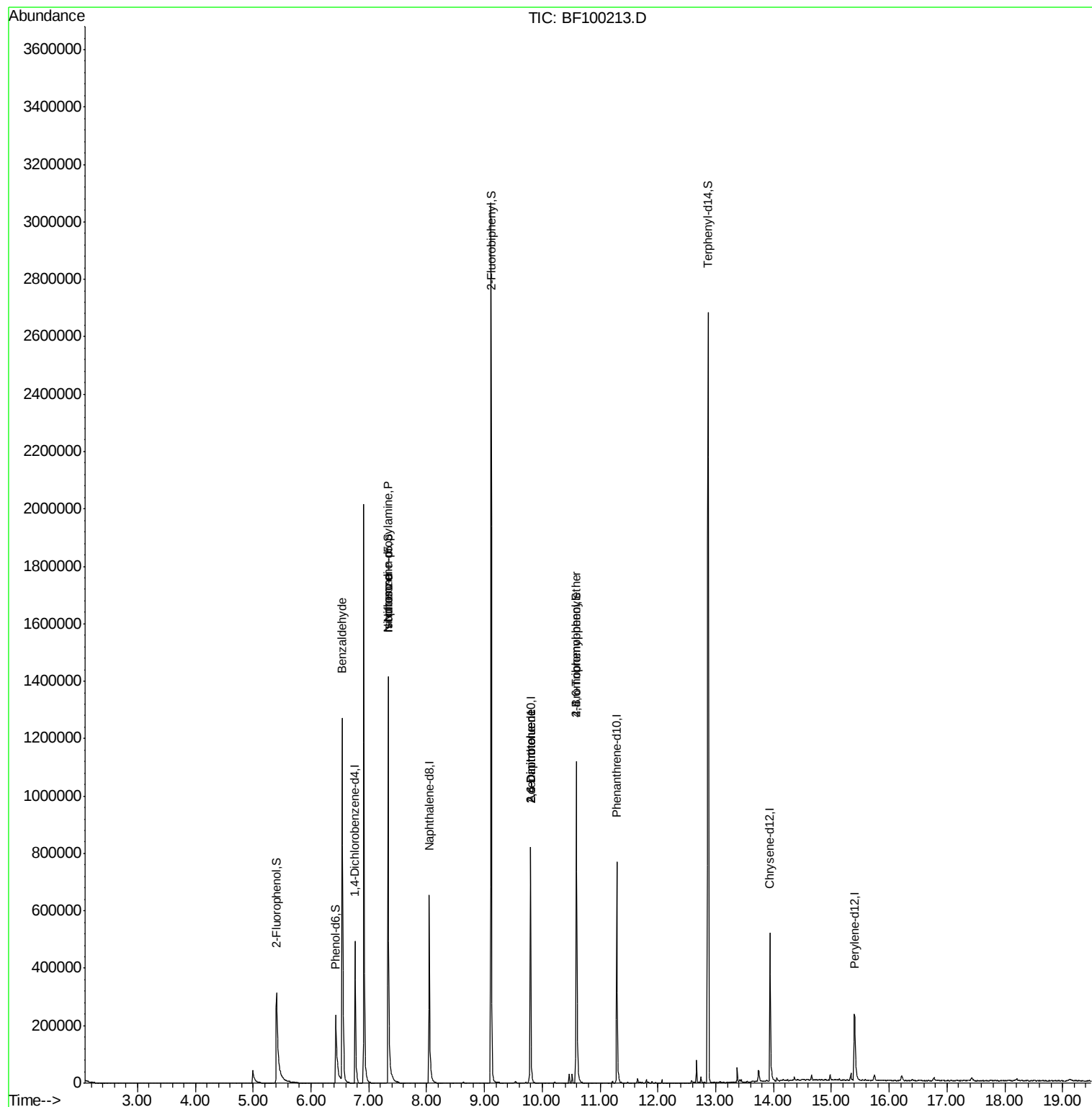
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92356	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	382708	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	185356	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	339435	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	210663	20.00	ng	-0.01
86) Perylene-d12	15.40	264	148275	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	251410	42.74	ng	0.01
7) Phenol-d6	6.43	99	210837	30.23	ng	0.00
23) Nitrobenzene-d5	7.34	82	548458	92.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	159733	94.56	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1083917	90.22	ng	-0.01
78) Terphenyl-d14	12.87	244	1030015	106.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	8537	2.048	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	66438	16.253	ng	# 73
25) Isophorone	7.34	82	548458	50.846	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	23494	7.614	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	23494	6.322	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	9758	2.731	ng	# 1

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

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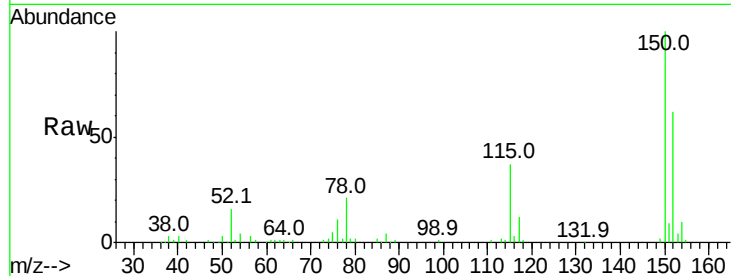


#1

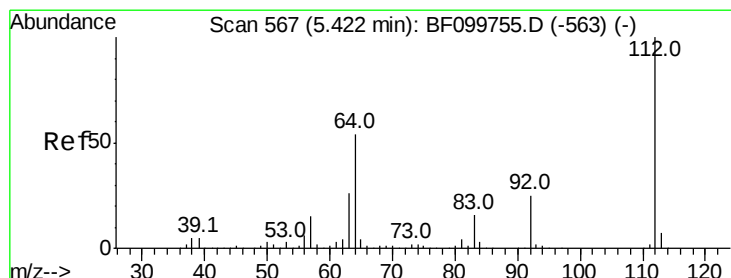
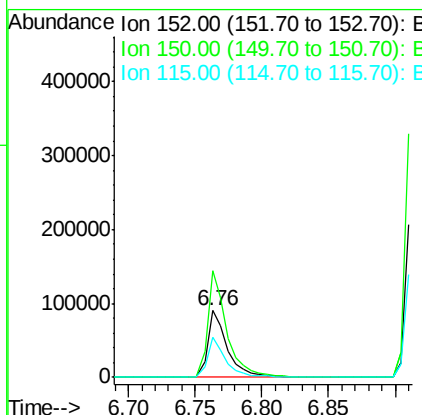
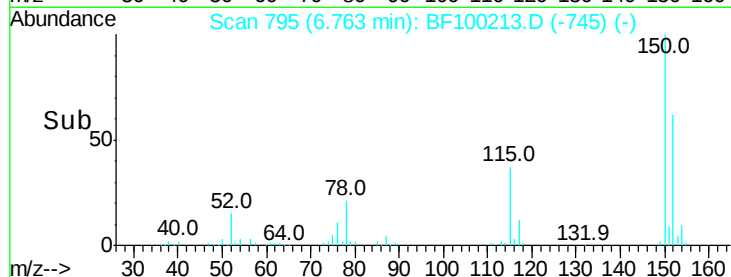
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92356
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 59.2 50.1 75.1



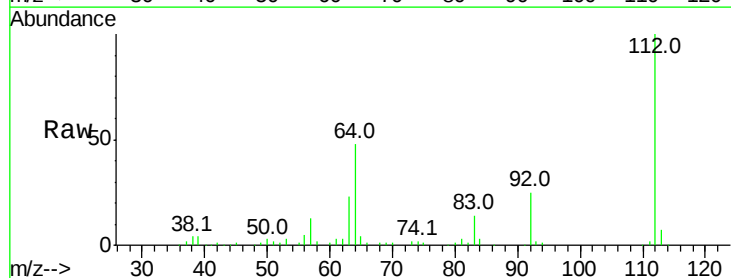
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



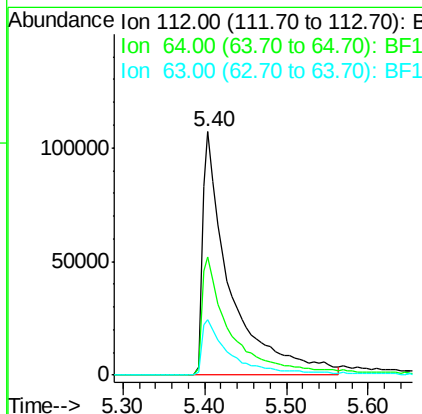
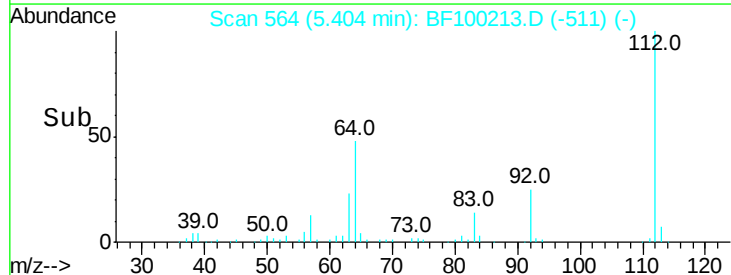
#5

2-Fluorophenol
Concen: 42.737 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:112 Resp: 251410
Ion Ratio Lower Upper
112 100
64 48.3 47.9 71.9
63 23.0 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: 30.227 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100213.D

Acq: 5 Nov 2017 7:18

Instrument :

BNA_F

ClientSampled :

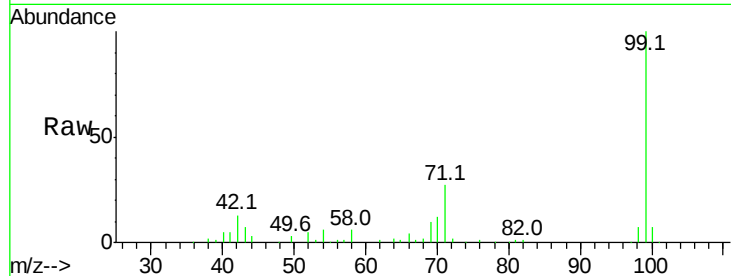
Tot Ion: 99 Resp: 210837

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

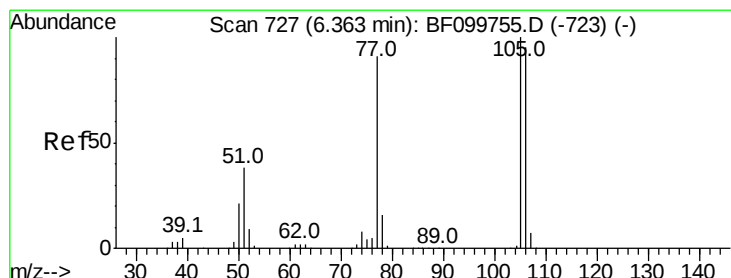
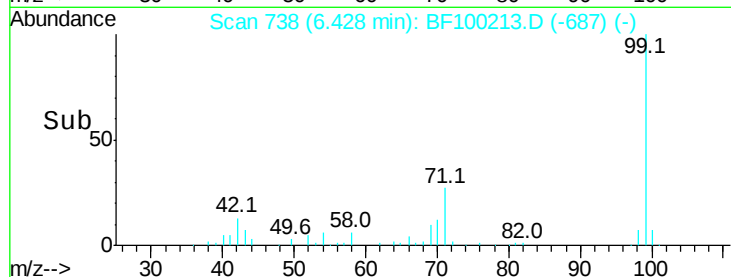
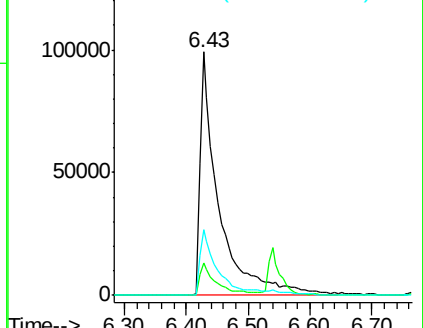
71 27.2 25.4 38.0



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: 2.048 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100213.D

Acq: 5 Nov 2017 7:18

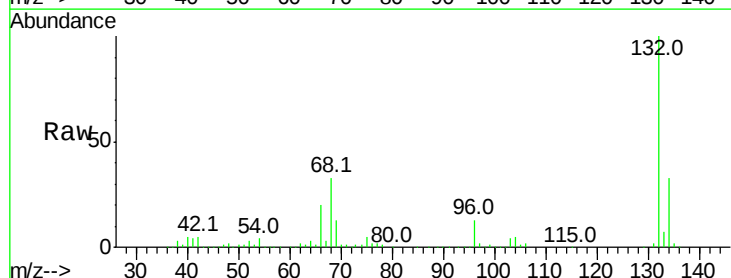
Tgt Ion: 77 Resp: 8537

Ion Ratio Lower Upper

77 100

105 90.1 81.1 121.1

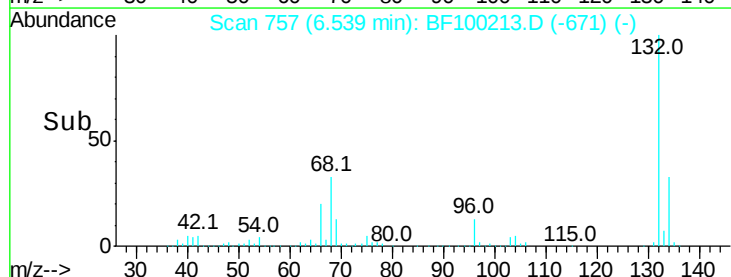
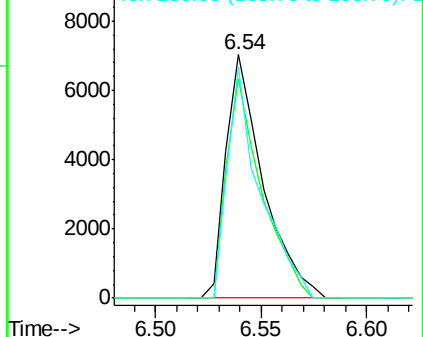
106 94.7 74.5 114.5

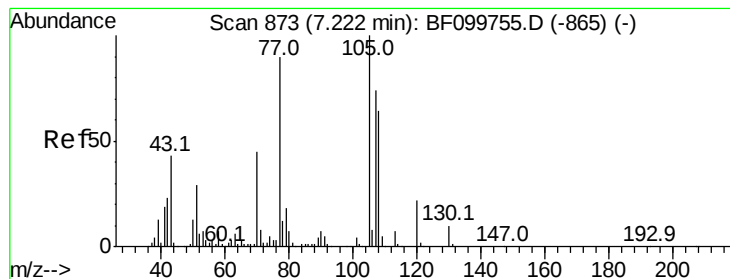


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 16.253 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100213.D

Acq: 5 Nov 2017 7:18

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 66438

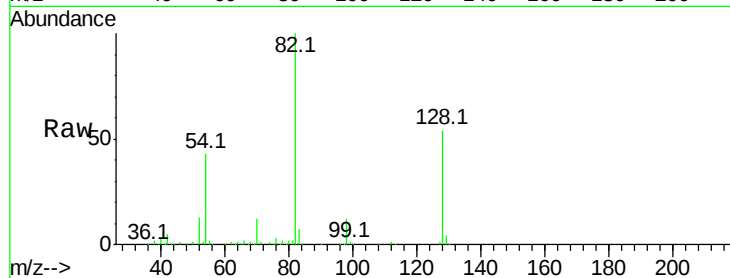
Ion Ratio Lower Upper

70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

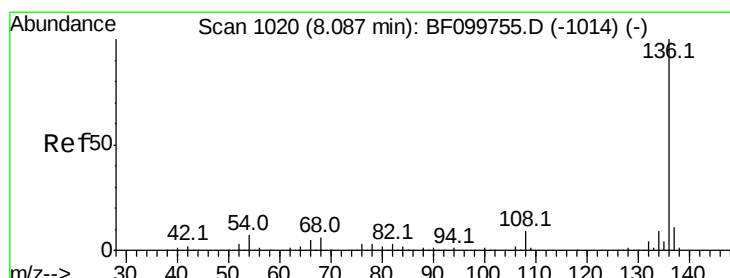
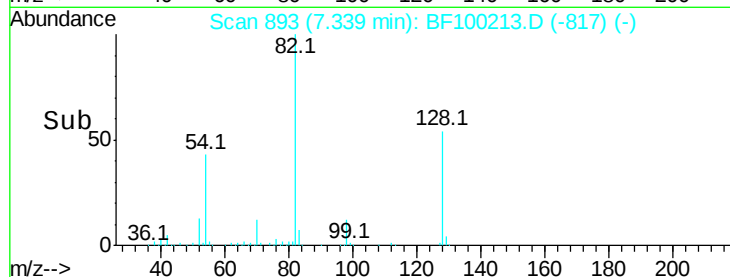
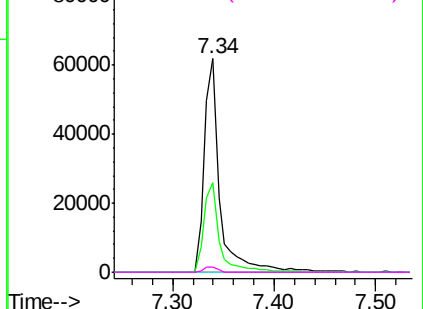


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100213.D

Acq: 5 Nov 2017 7:18

Tgt Ion: 136 Resp: 382708

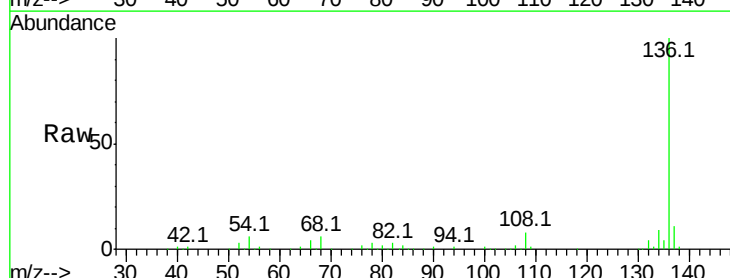
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.8 6.6 9.8#

68 5.7 5.0 7.4

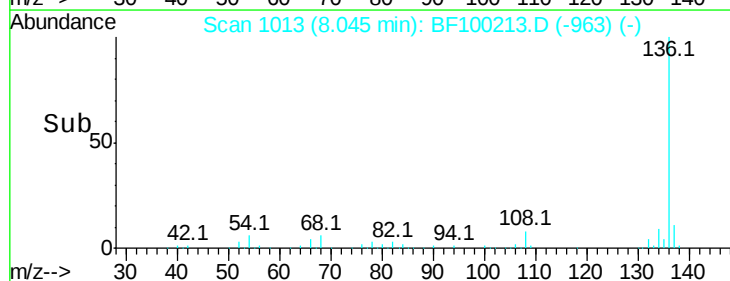
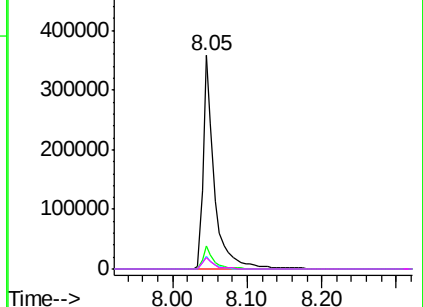


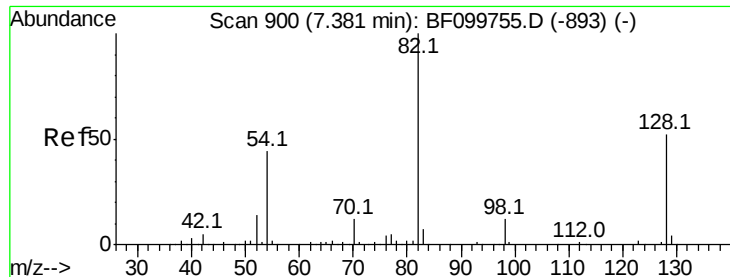
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

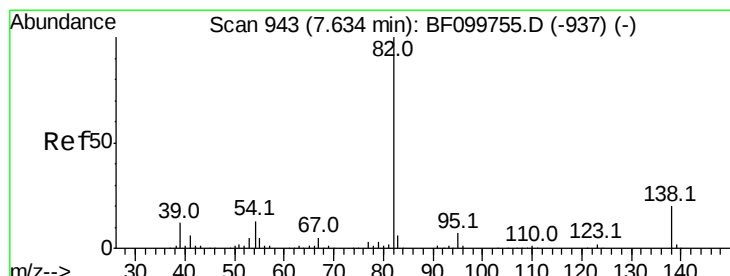
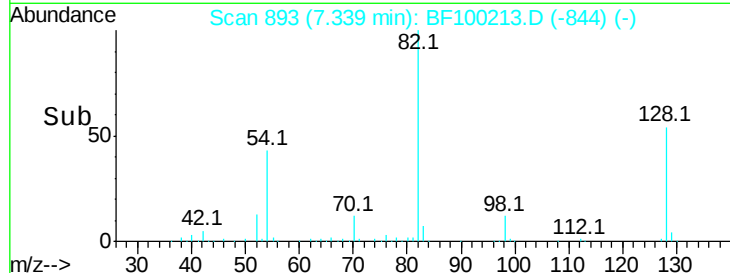
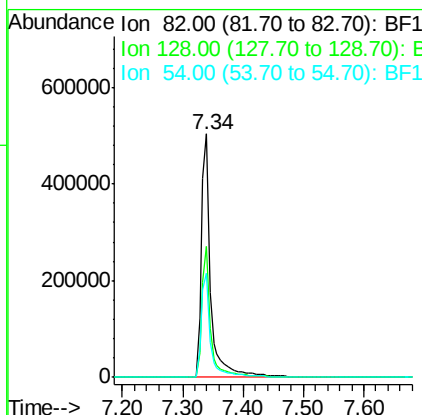
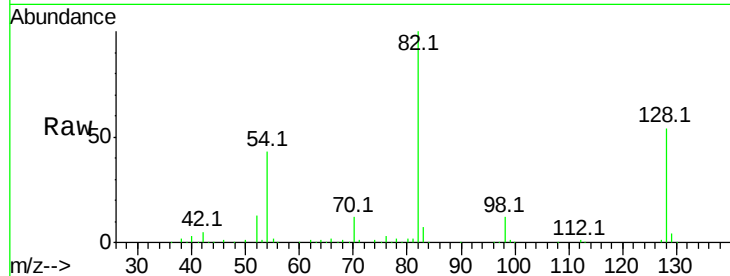




#23
 Nitrobenzene-d5
 Concen: 92.264 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

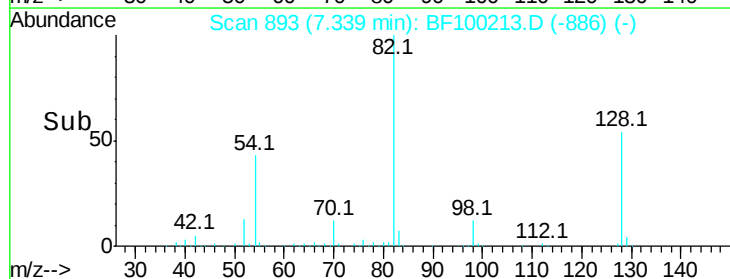
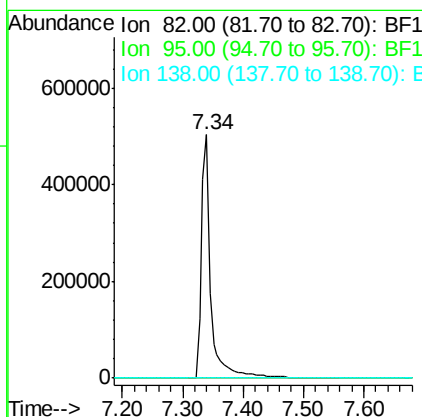
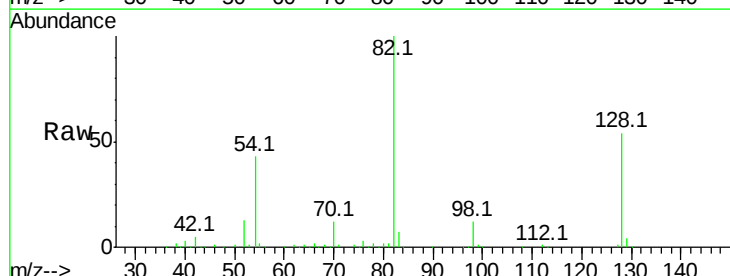
Instrument :
 BNA_F
 ClientSampleId :

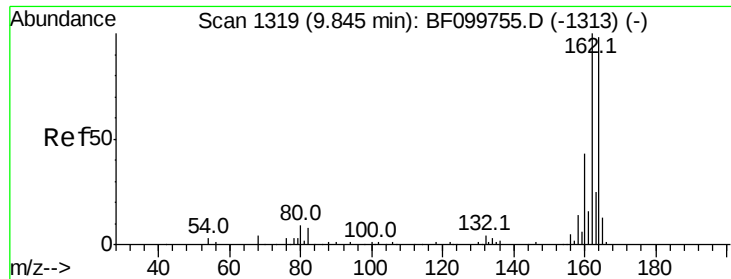
Tot Ion	82	Resp	548458
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	42.7	41.4	62.2



#25
 Isophorone
 Concen: 50.846 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.26 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

Tgt Ion	82	Resp	548458
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		

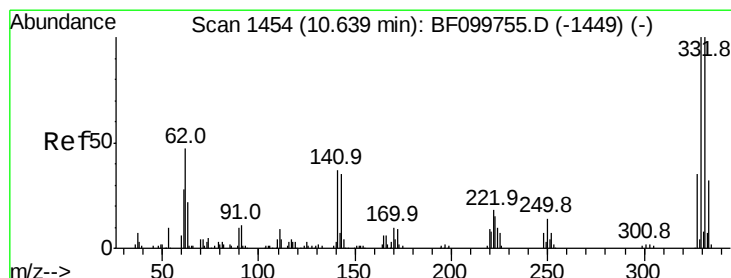
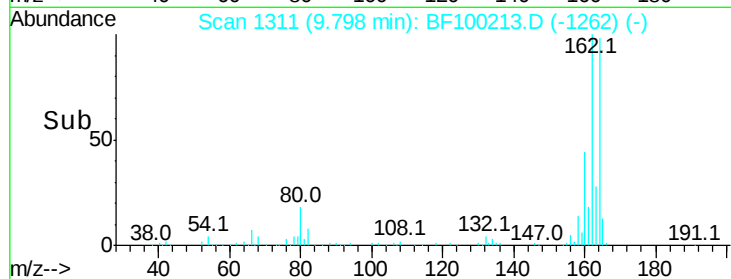
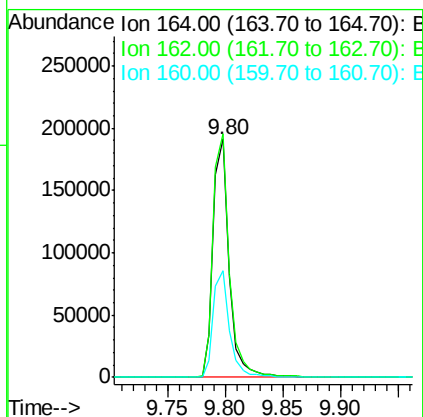
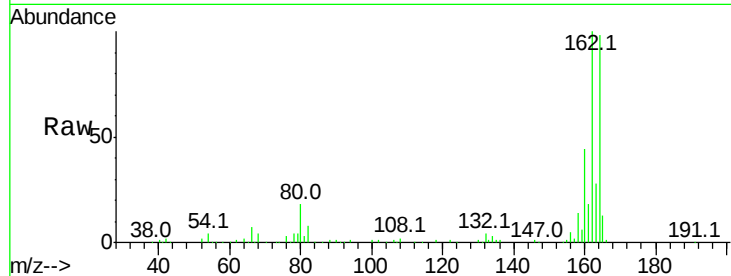




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

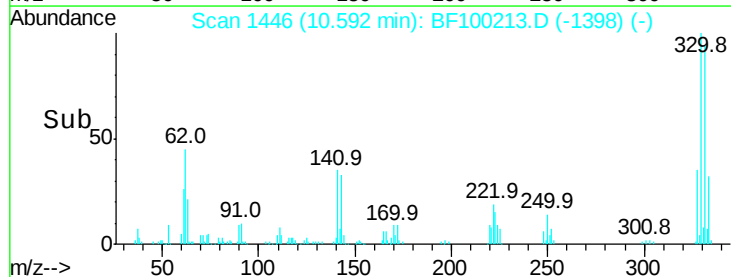
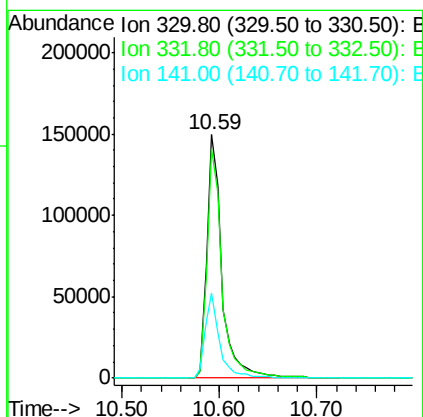
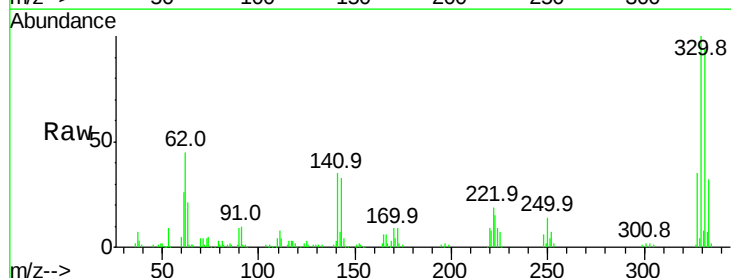
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 94.562 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.9	29.9	44.9



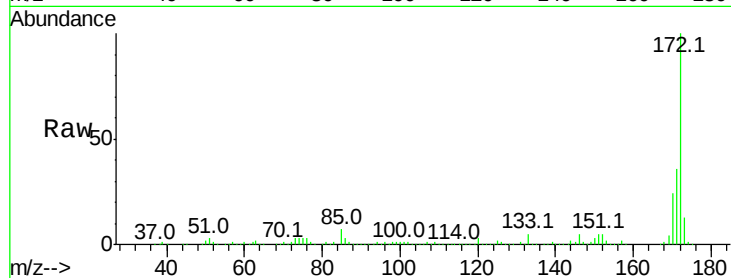


#44
 2-Fluorobiphenyl
 Concen: 90.221 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

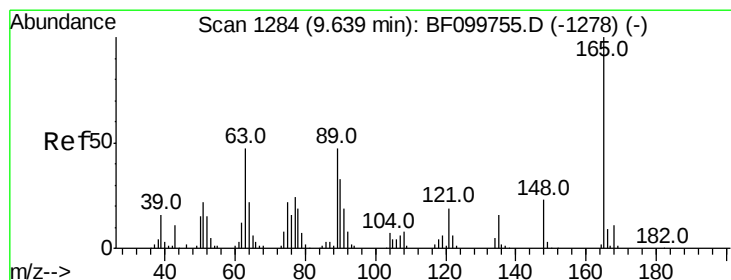
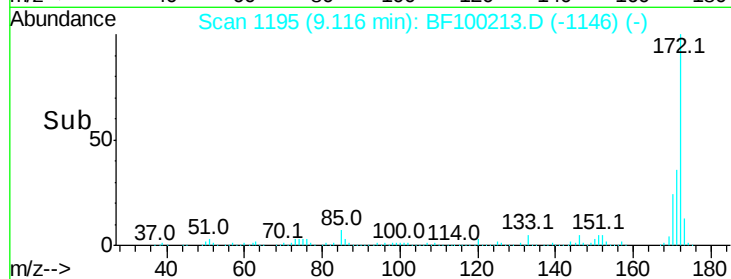
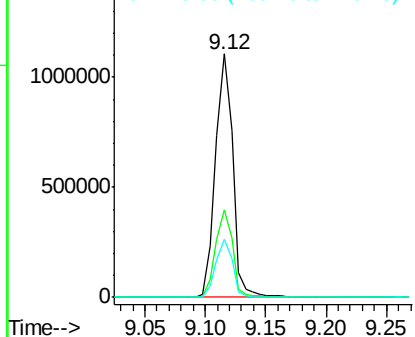
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1083917

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



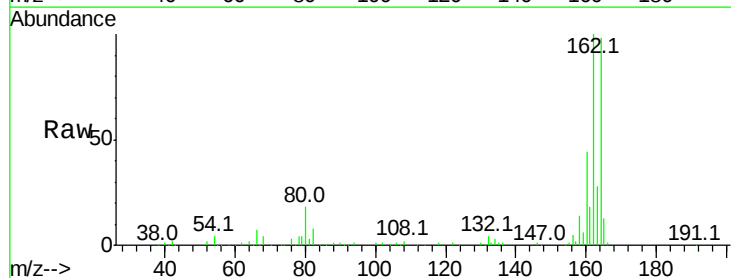
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



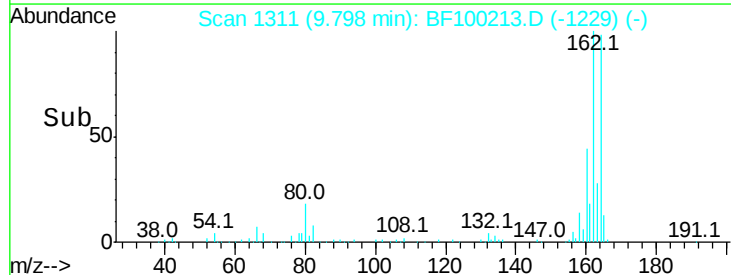
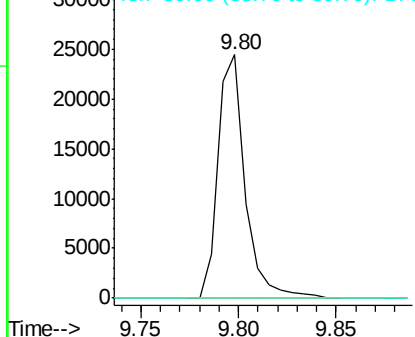
#50
 2,6-Dinitrotoluene
 Concen: 7.614 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

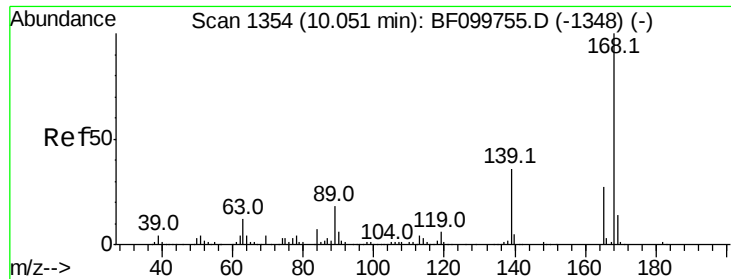
Tgt Ion:165 Resp: 23494

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	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

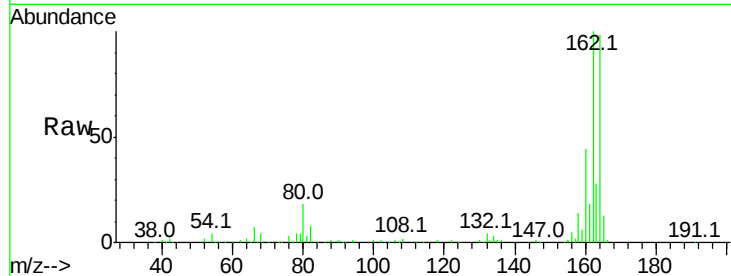




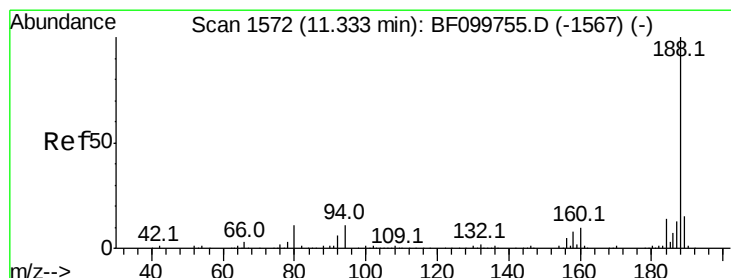
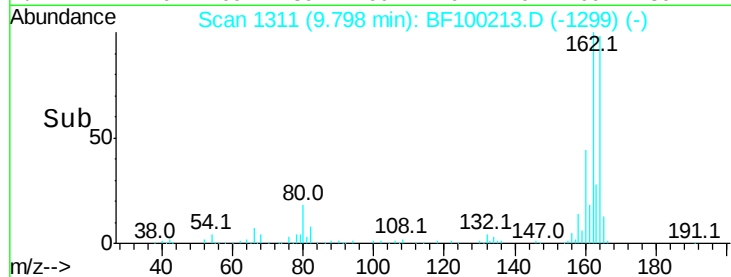
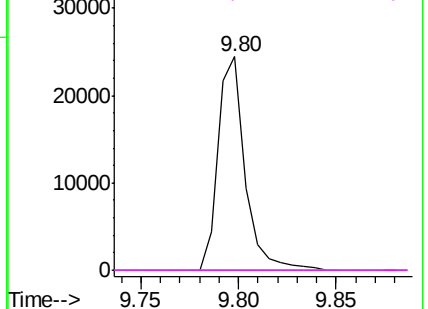
#56
 2,4-Dinitrotoluene
 Concen: 6.322 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23494
 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#

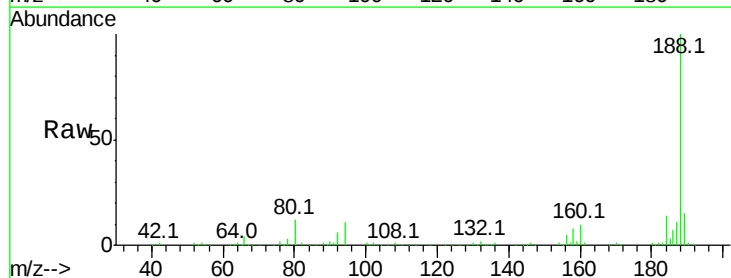


Abundance Ion 165.00 (164.70 to 165.70): E

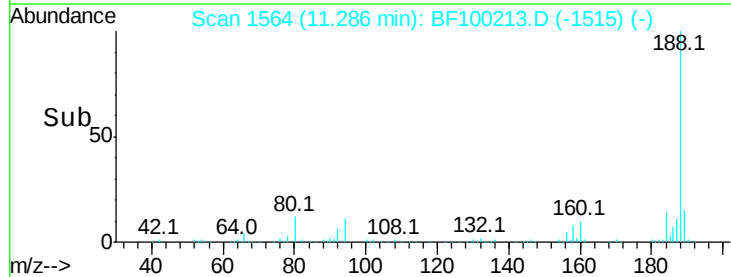
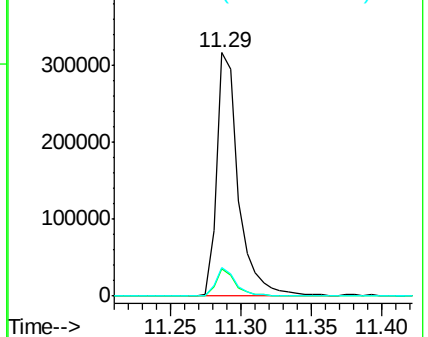


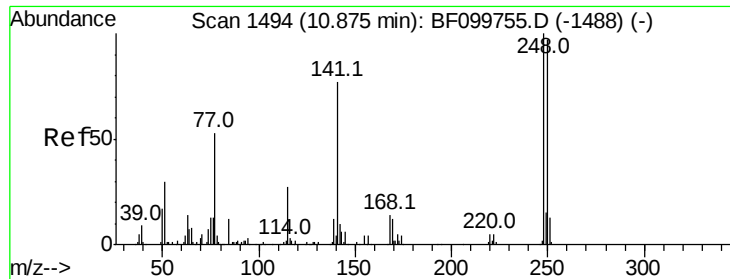
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100213.D
 Acq: 5 Nov 2017 7:18

Tgt Ion:188 Resp: 339435
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

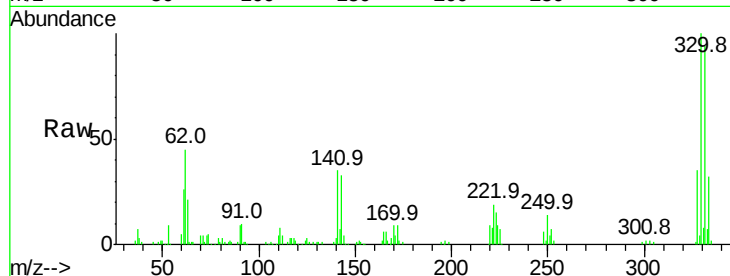




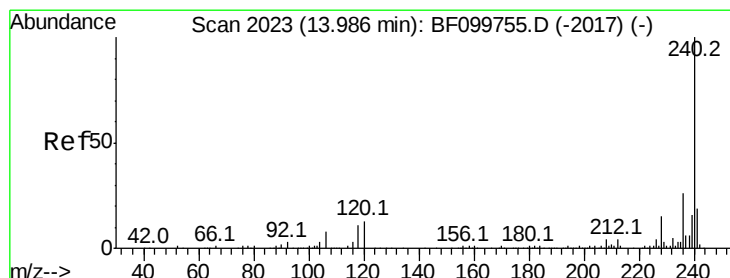
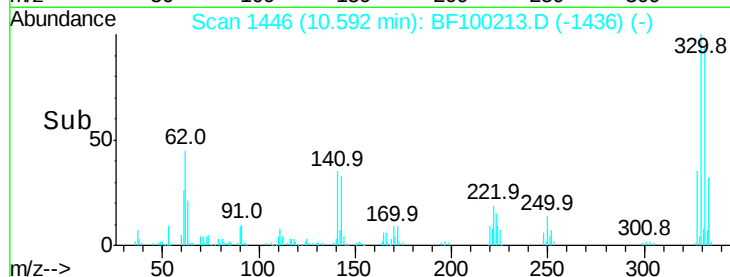
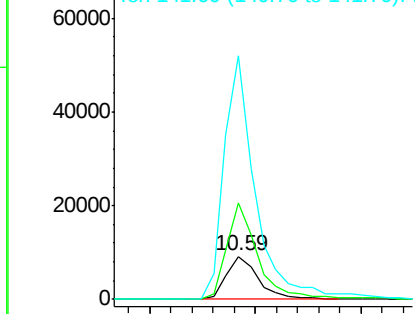
#66
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9758
Ion Ratio Lower Upper
248 100
250 224.0 76.9 115.3#
141 562.8 74.4 111.6#

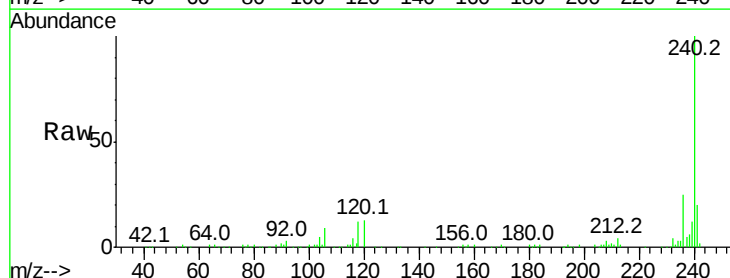


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

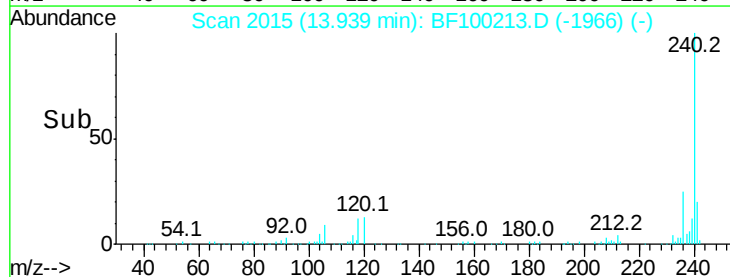
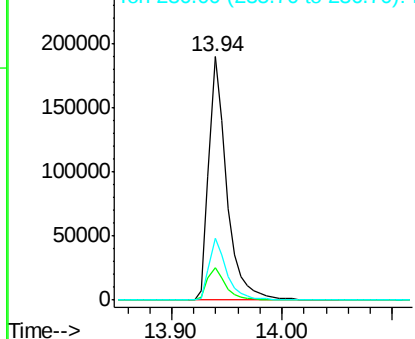


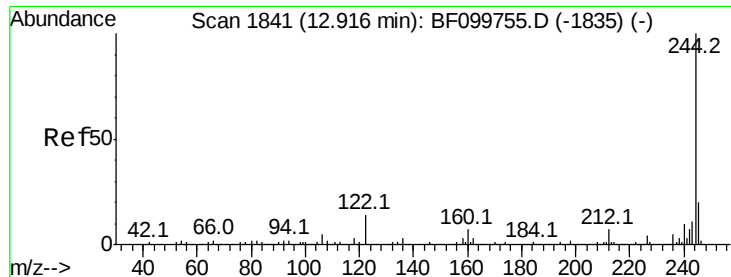
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:240 Resp: 210663
Ion Ratio Lower Upper
240 100
120 13.2 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: 106.851 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100213.D

Acq: 5 Nov 2017 7:18

Instrument :

BNA_F

ClientSampleId :

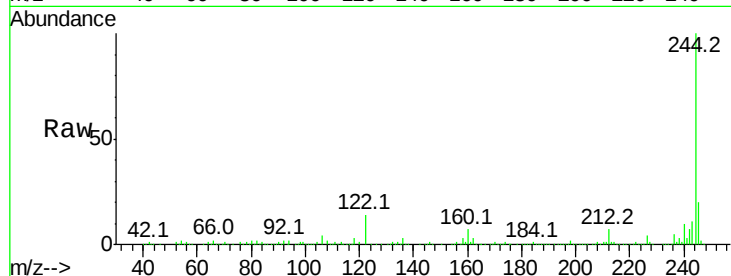
Tot Ion:244 Resp: 1030015

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

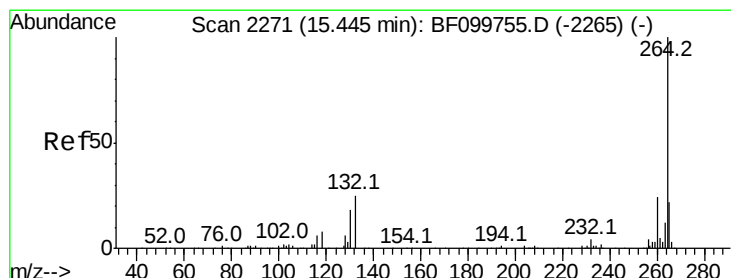
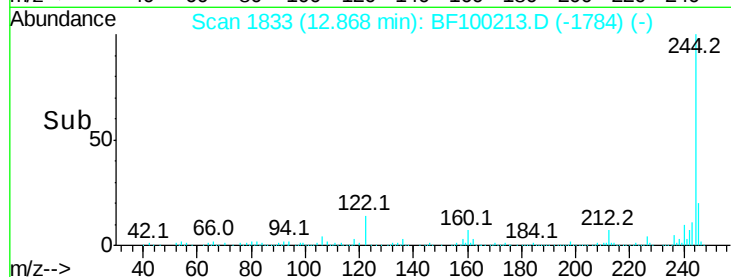
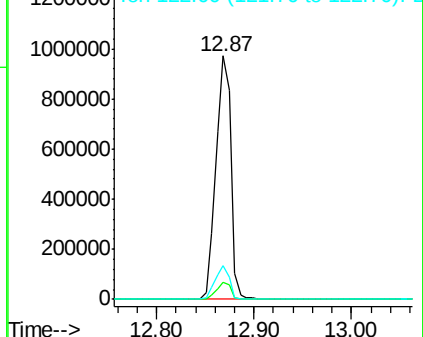
122 13.7 11.0 16.4



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100213.D

Acq: 5 Nov 2017 7:18

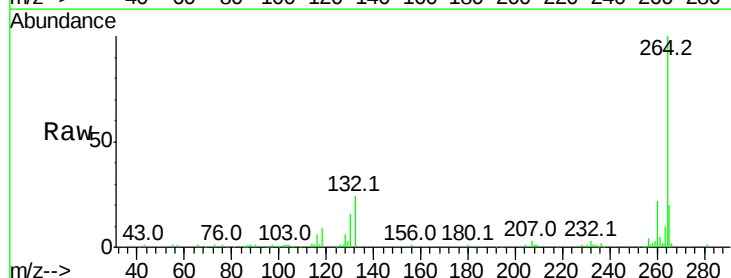
Tgt Ion:264 Resp: 148275

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 20.0 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

