

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100200.D
 Acq On : 5 Nov 2017 1:33
 Operator : SJ/JU
 Sample : I6080-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:55:24 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

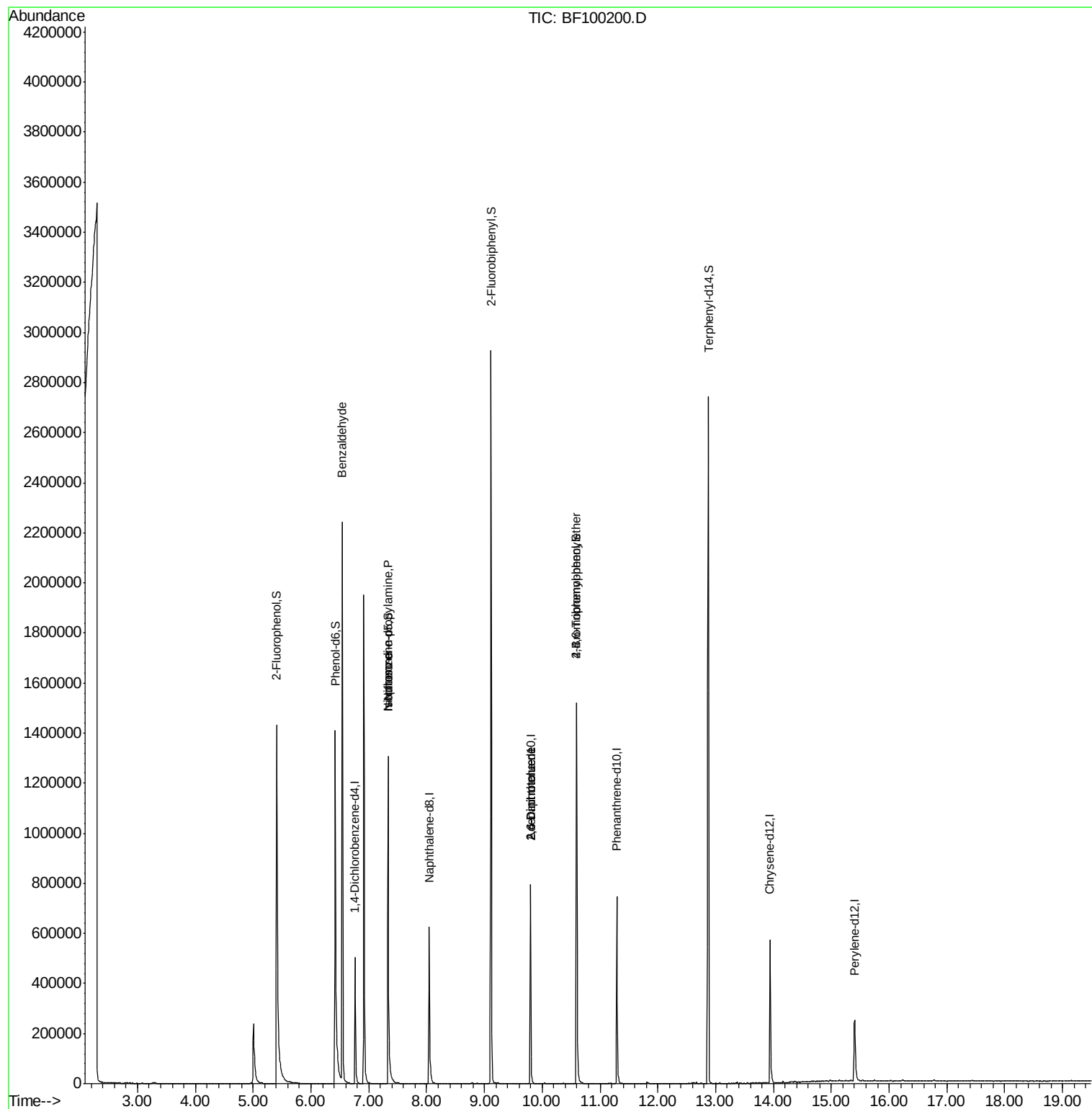
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	88614	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	370822	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174569	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	327768	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	233456	20.00	ng	-0.01
86) Perylene-d12	15.40	264	156506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	748206	132.56	ng	0.01
7) Phenol-d6	6.42	99	805888	120.42	ng	-0.01
23) Nitrobenzene-d5	7.33	82	540105	93.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	232371	146.06	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	1069581	94.53	ng	-0.01
78) Terphenyl-d14	12.87	244	1028503	96.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	13682	3.421	ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	66474	16.949	ng	# 71
25) Isophorone	7.33	82	540105	51.676	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	22173	7.630	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	22173	6.335	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	15077	4.369	ng	# 1

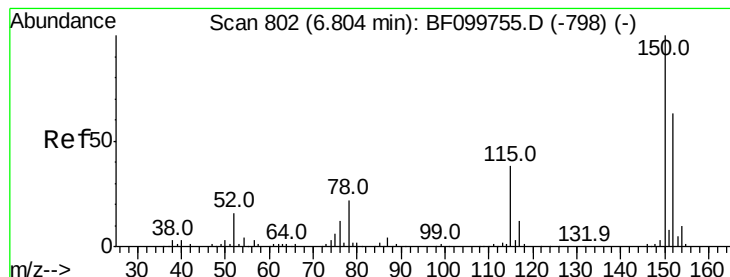
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100200.D
Acq On : 5 Nov 2017 1:33
Operator : SJ/JU
Sample : I6080-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 05 23:55:24 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



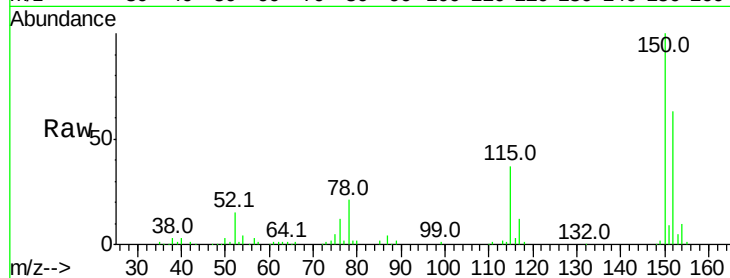


#1

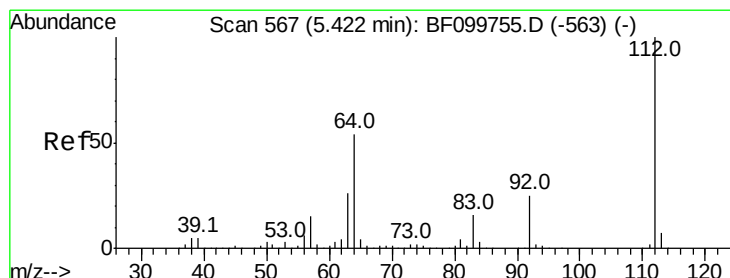
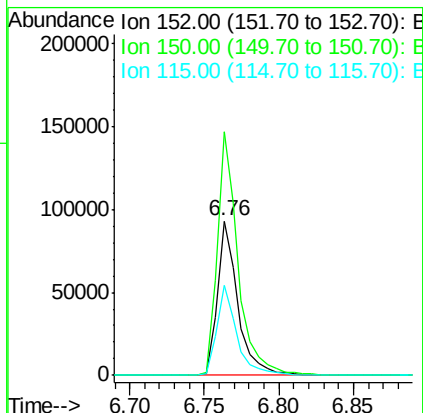
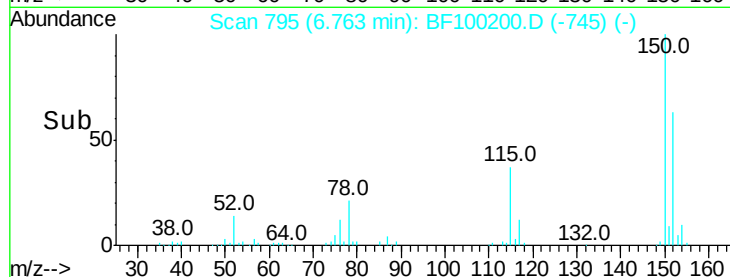
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88614
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 58.6 50.1 75.1



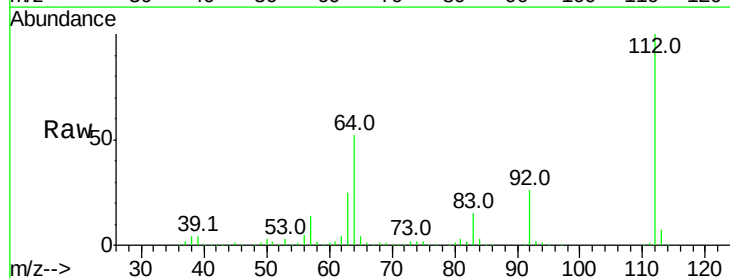
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



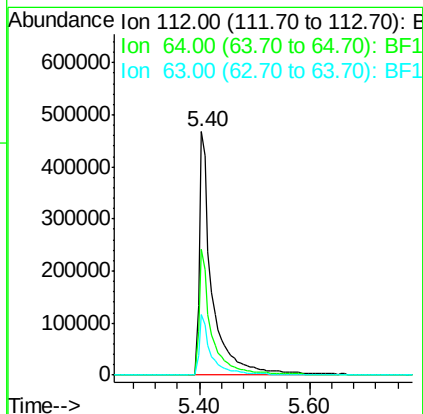
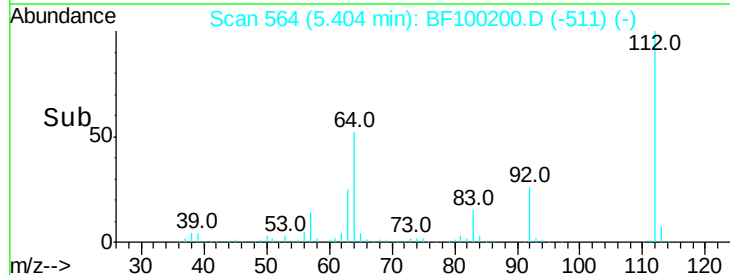
#5

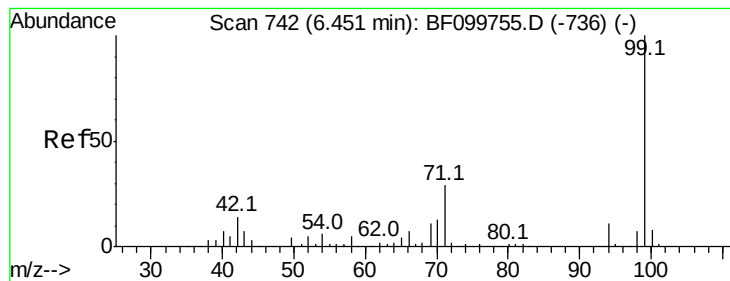
2-Fluorophenol
Concen: 132.559 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:112 Resp: 748206
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.9 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: 120.415 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100200.D

Acq: 5 Nov 2017 1:33

Instrument :

BNA_F

ClientSampled :

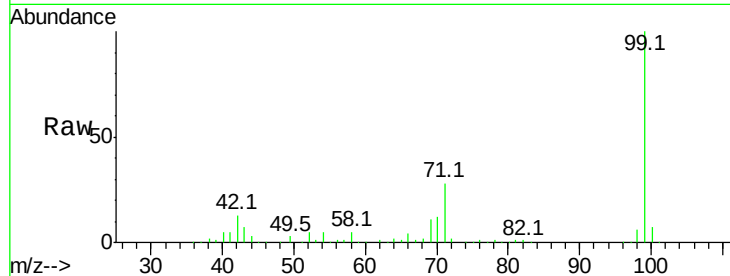
Tot Ion: 99 Resp: 805888

Ion Ratio Lower Upper

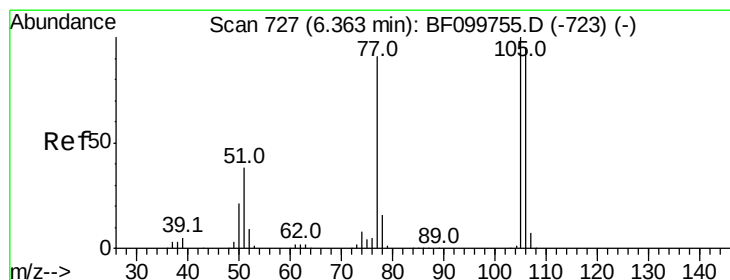
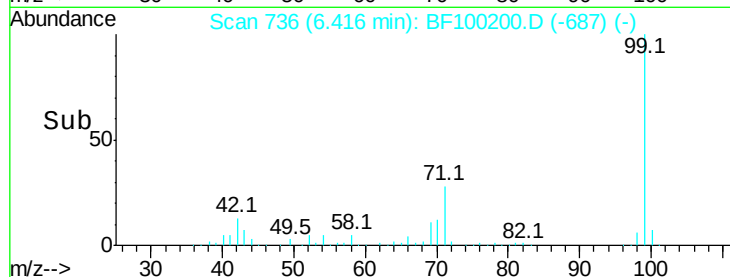
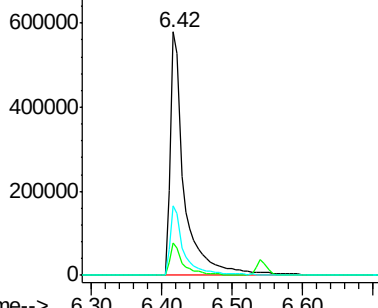
99 100

42 13.4 14.5 21.7#

71 28.4 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: 3.421 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100200.D

Acq: 5 Nov 2017 1:33

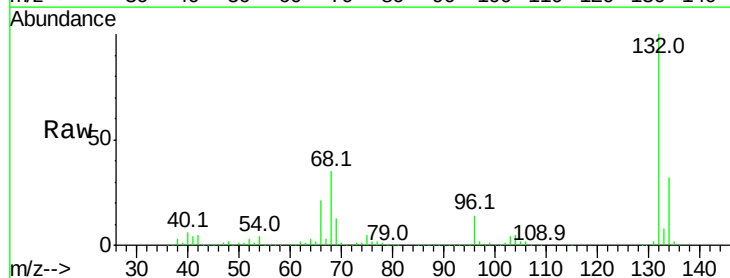
Tgt Ion: 77 Resp: 13682

Ion Ratio Lower Upper

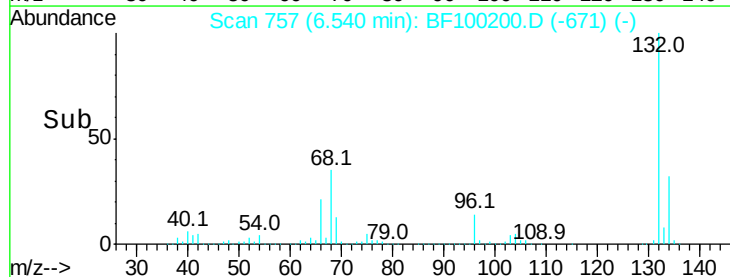
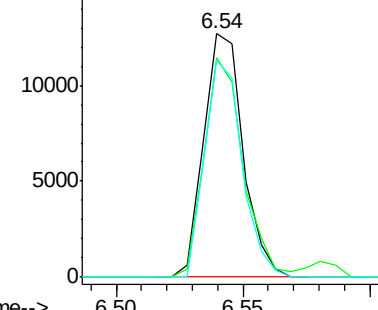
77 100

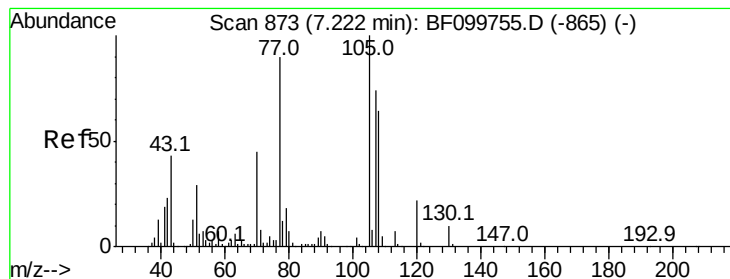
105 89.9 81.1 121.1

106 89.2 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: 16.949 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100200.D

Acq: 5 Nov 2017 1:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66474

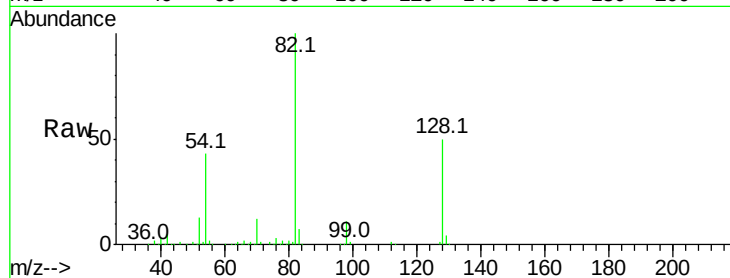
Ion Ratio Lower Upper

70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#



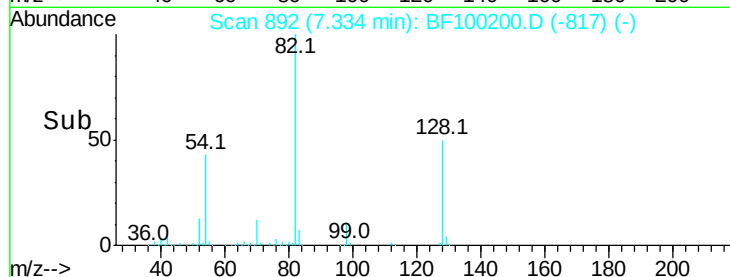
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

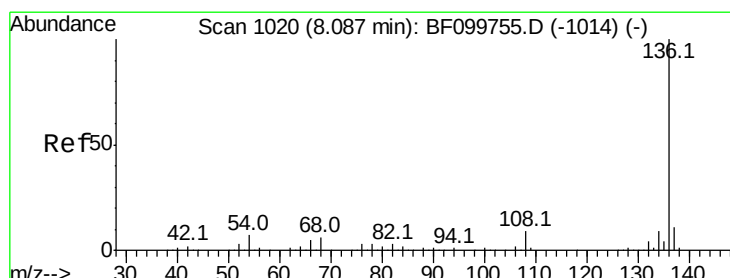
Ion 130.00 (129.70 to 130.70): BF1

Time-->



Abundance

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100200.D

Acq: 5 Nov 2017 1:33

Tgt Ion: 136 Resp: 370822

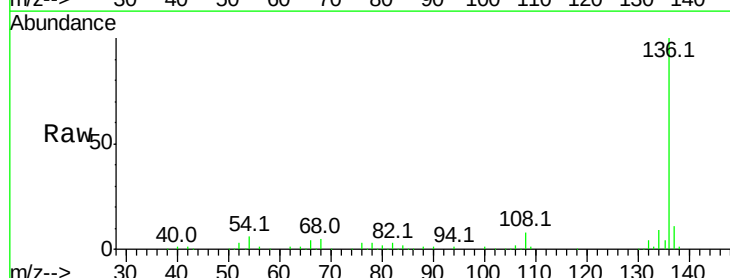
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.2 6.6 9.8#

68 5.2 5.0 7.4



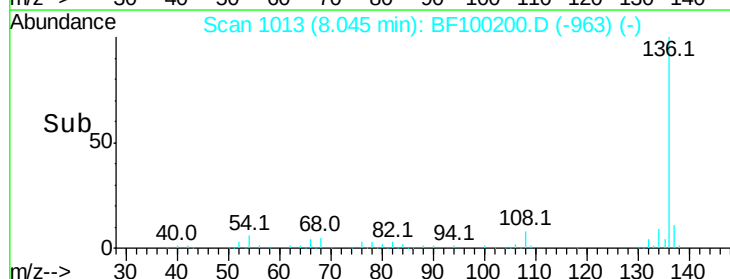
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

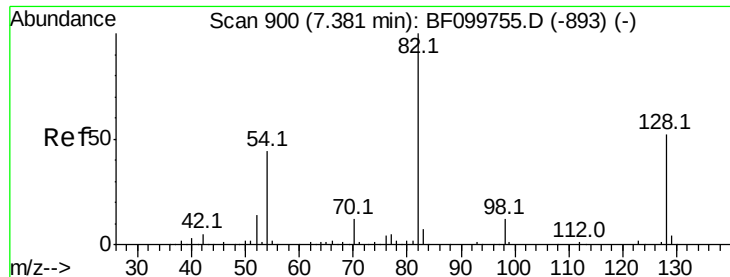
Ion 68.00 (67.70 to 68.70): BF1

Time-->



Abundance

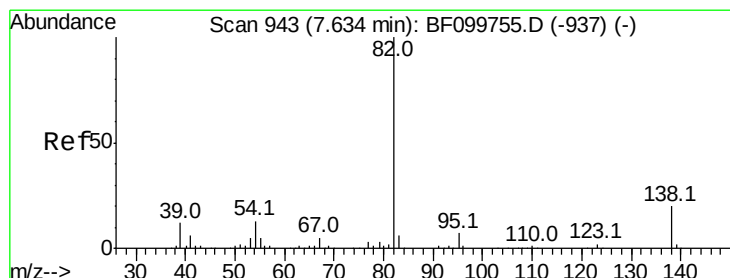
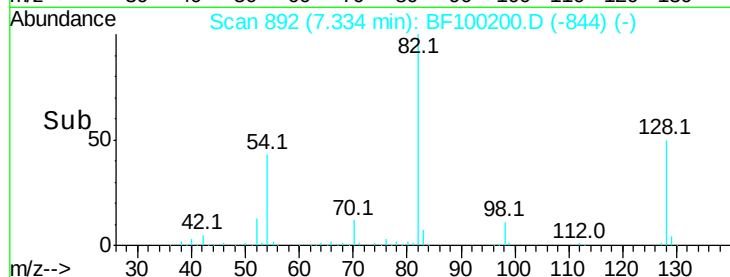
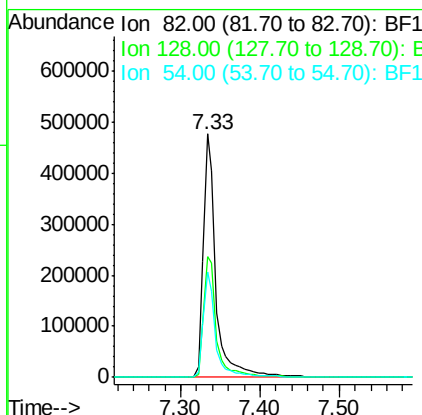
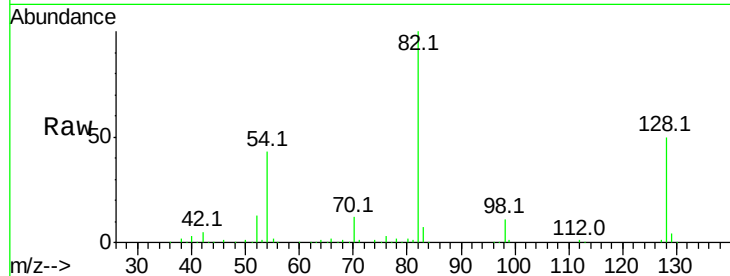
Time-->



#23
 Nitrobenzene-d5
 Concen: 93.771 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

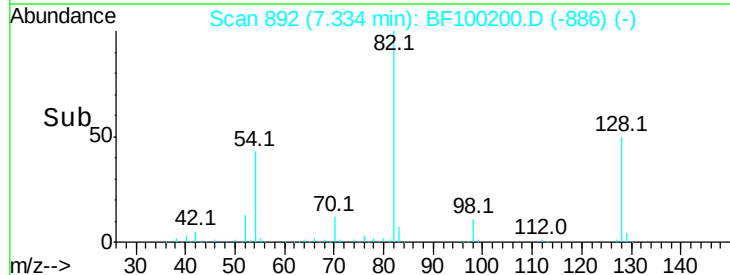
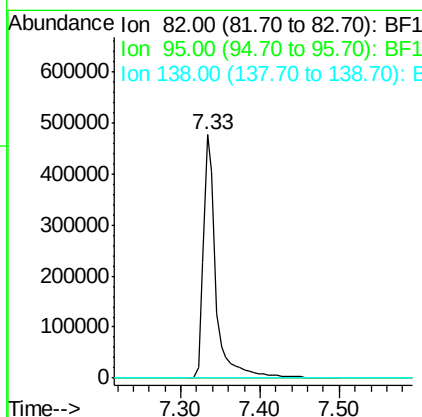
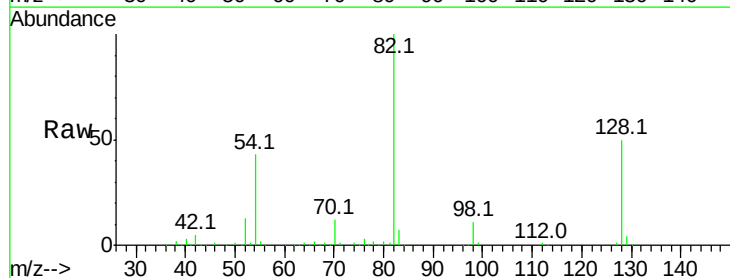
Instrument :
 BNA_F
 ClientSampleId :

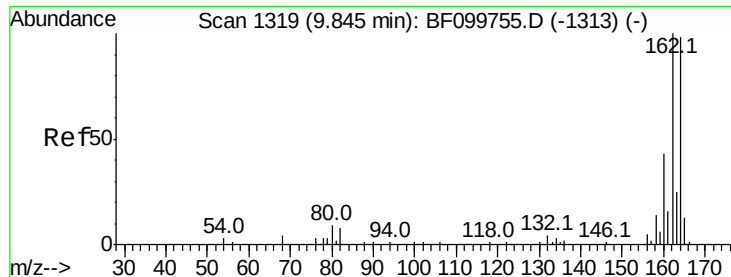
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	43.2	41.4	62.2



#25
 Isophorone
 Concen: 51.676 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

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

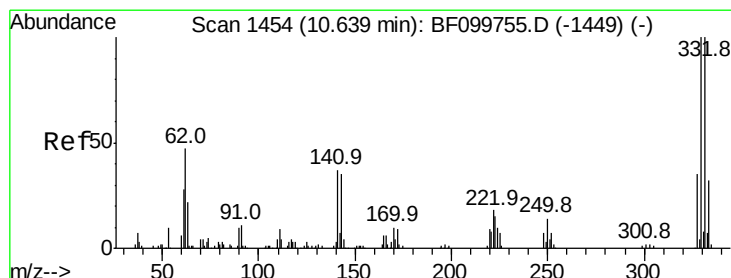
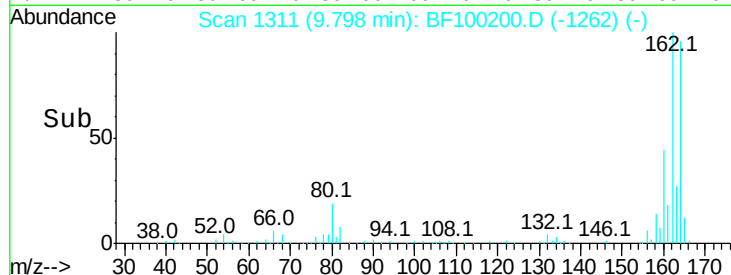
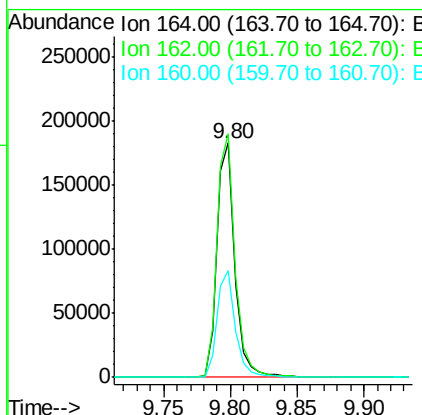
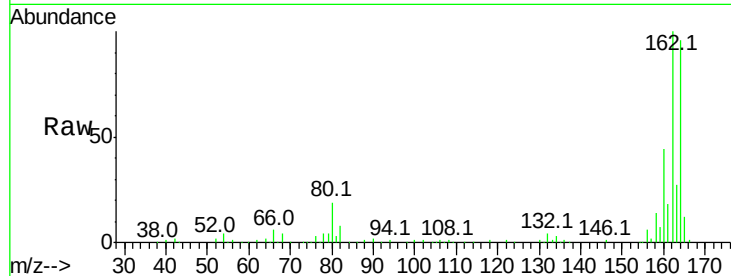




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

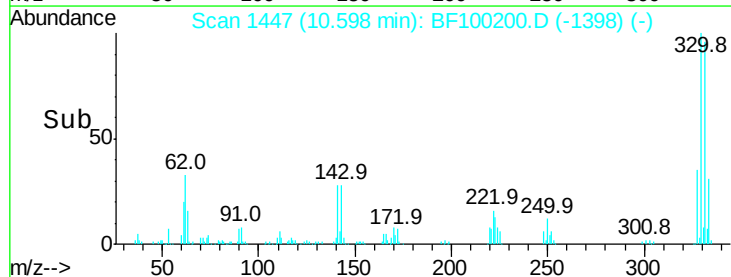
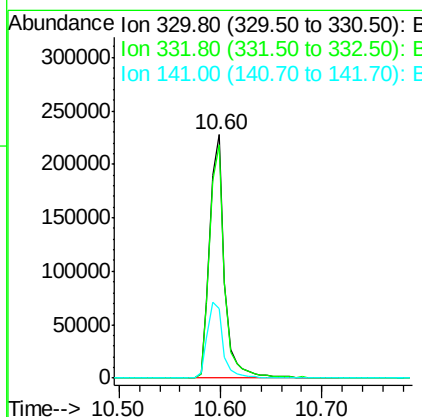
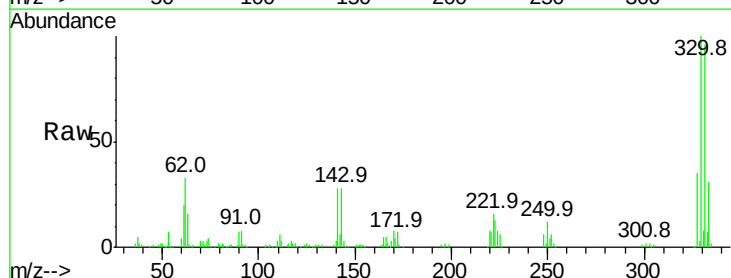
Instrument :
 BNA_F
 ClientSampled :

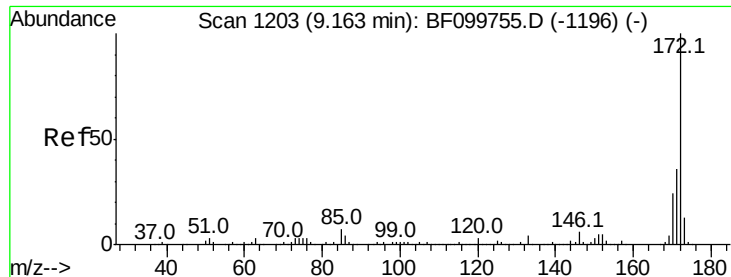
Tot Ion:164 Resp: 174569
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 146.065 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

Tgt Ion:330 Resp: 232371
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.3 29.9 44.9



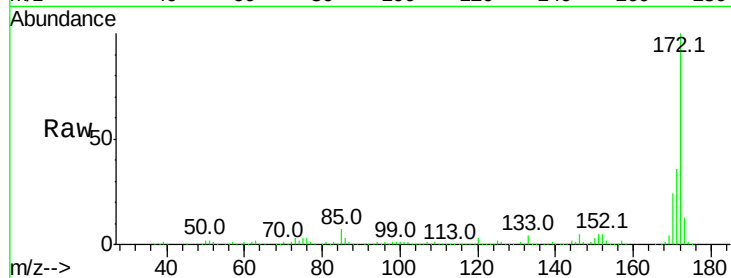


#44
 2-Fluorobiphenyl
 Concen: 94.529 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

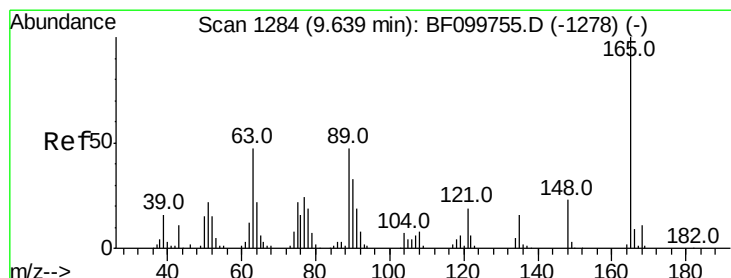
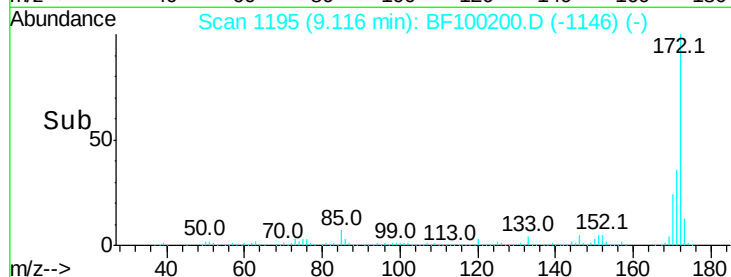
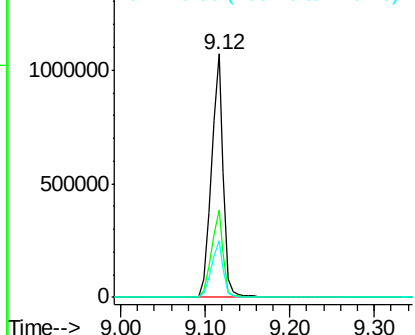
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1069581

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4



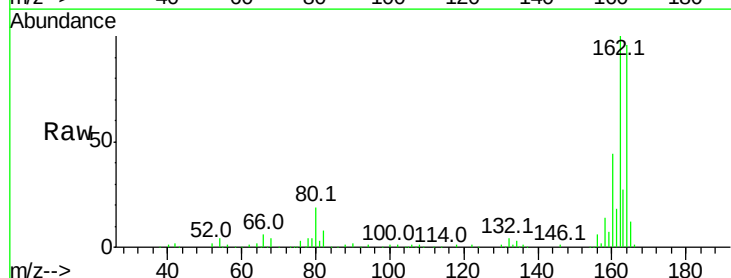
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



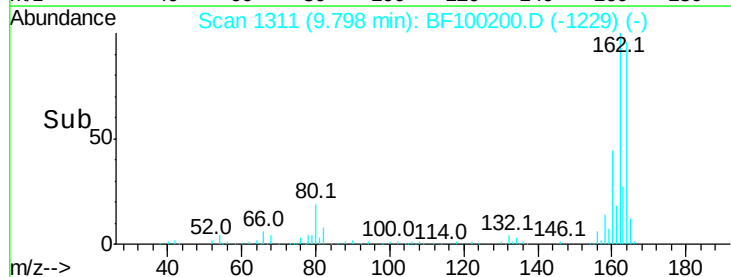
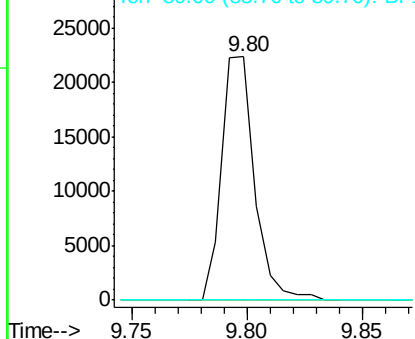
#50
 2,6-Dinitrotoluene
 Concen: 7.630 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

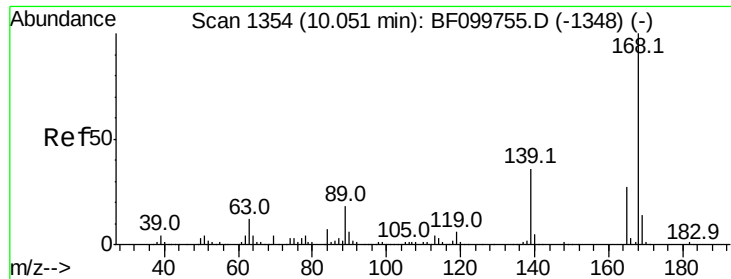
Tgt Ion:165 Resp: 22173

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

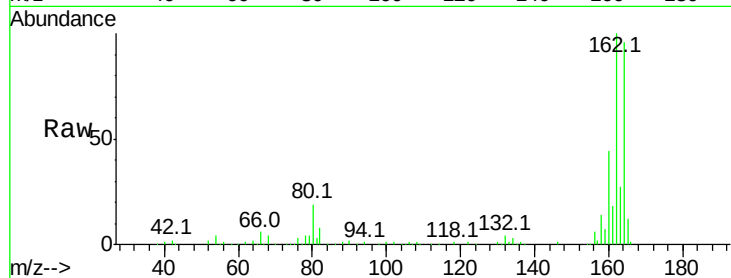




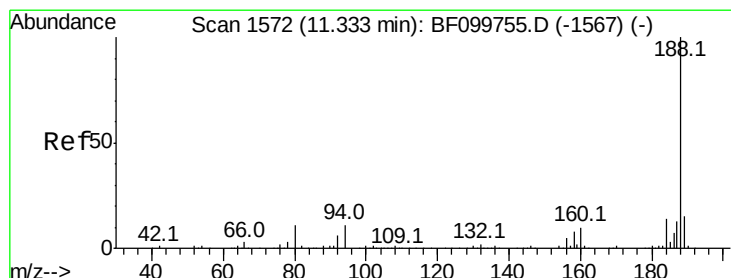
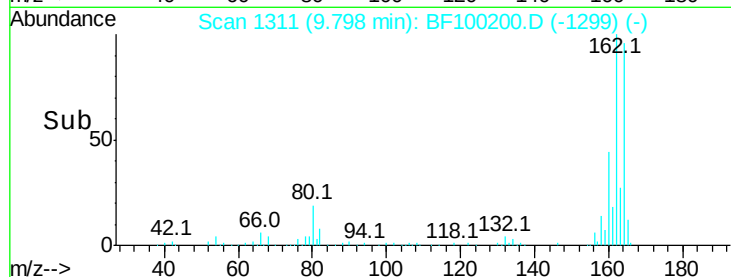
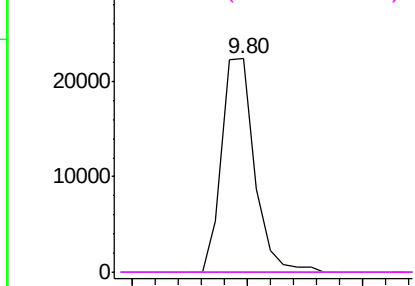
#56
 2,4-Dinitrotoluene
 Concen: 6.335 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22173
 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#

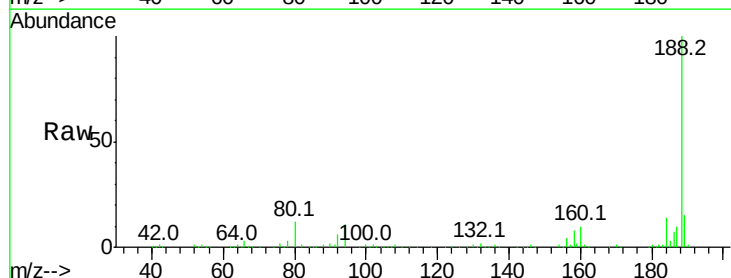


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

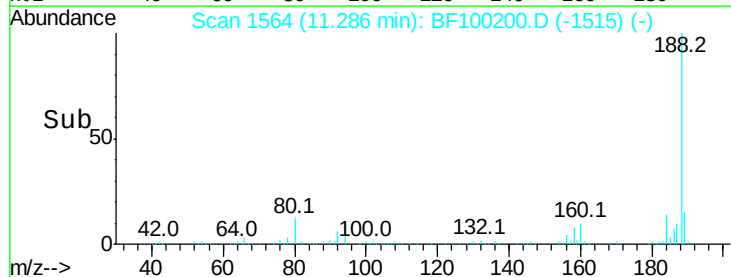
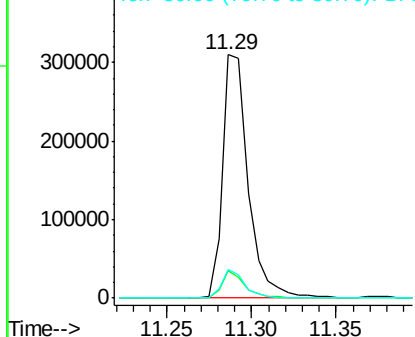


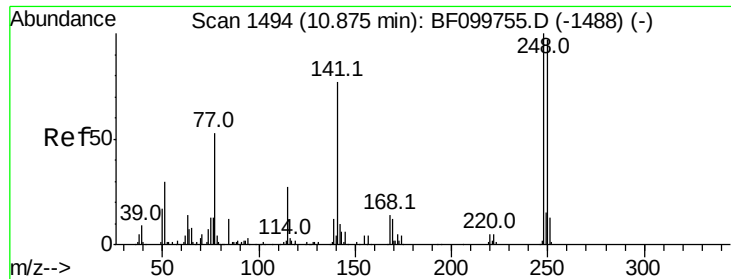
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

Tgt Ion:188 Resp: 327768
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.7 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

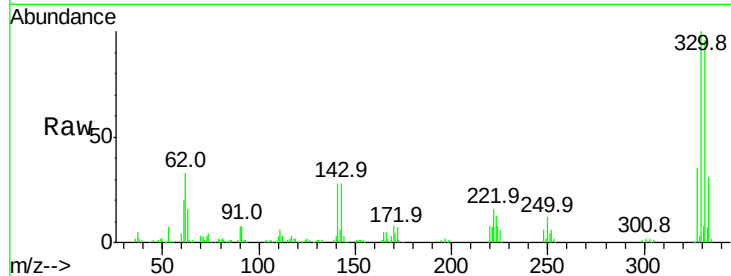




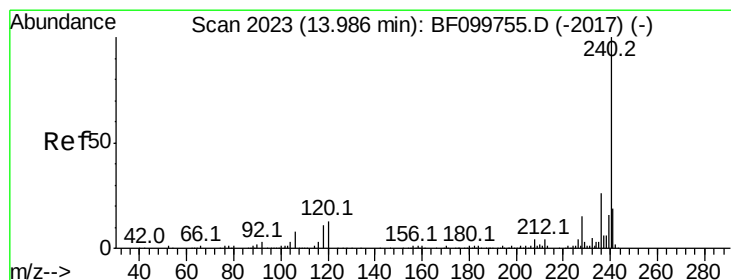
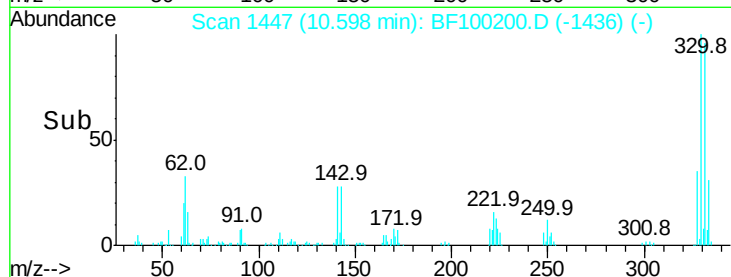
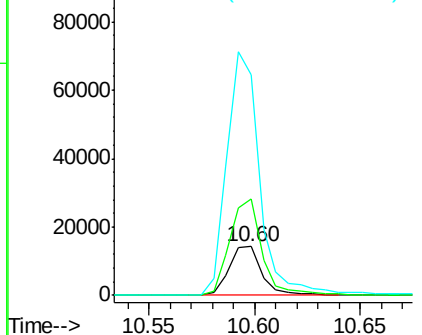
#66
 4-Bromophenyl-phenylether
 Concen: 4.369 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.24 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15077
 Ion Ratio Lower Upper
 248 100
 250 199.2 76.9 115.3#
 141 456.2 74.4 111.6#

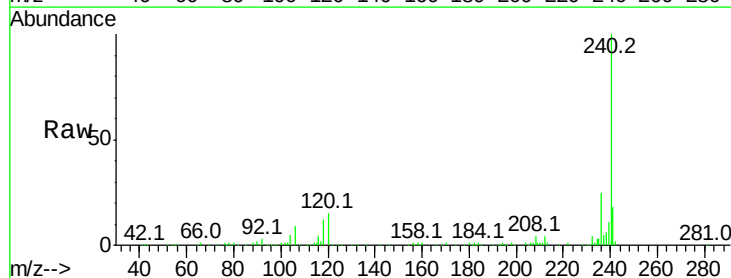


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

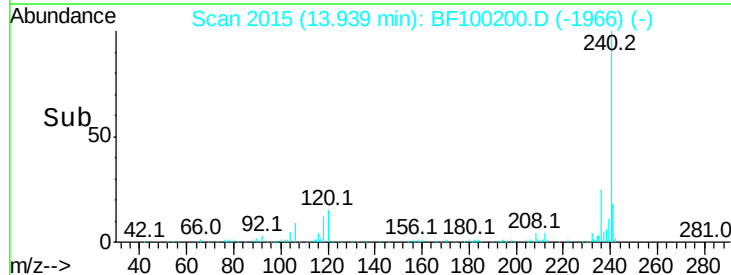
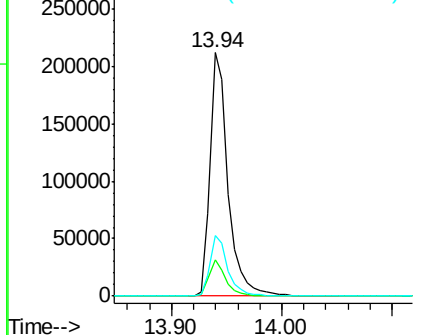


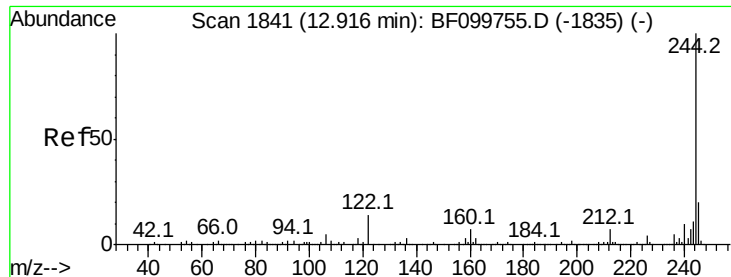
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100200.D
 Acq: 5 Nov 2017 1:33

Tgt Ion:240 Resp: 233456
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 24.7 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: 96.278 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF100200.D

Acq: 5 Nov 2017 1:33

Instrument :

BNA_F

ClientSampleId :

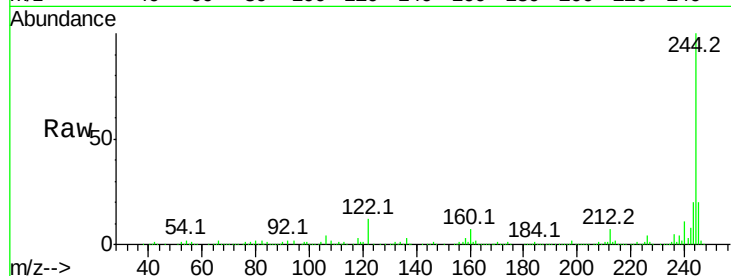
Tot Ion:244 Resp: 1028503

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

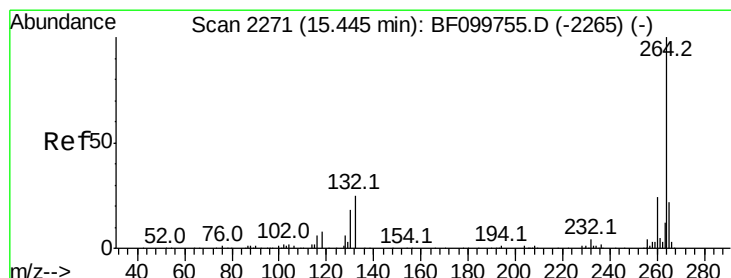
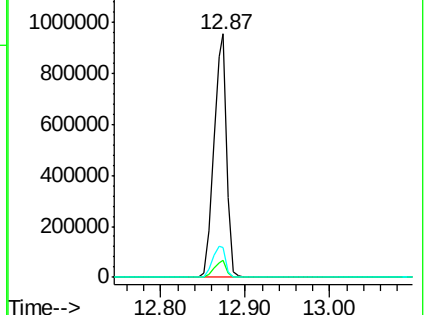
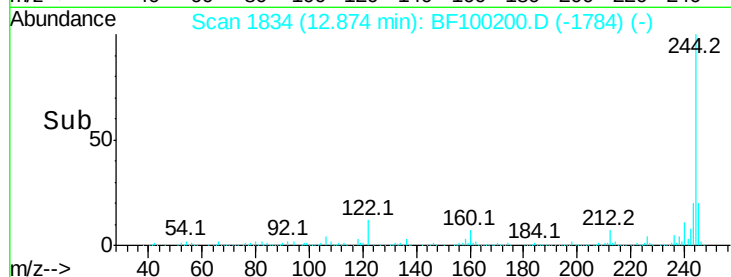
122 12.3 11.0 16.4



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# 2264

Delta R.T. -0.01 min

Lab File: BF100200.D

Acq: 5 Nov 2017 1:33

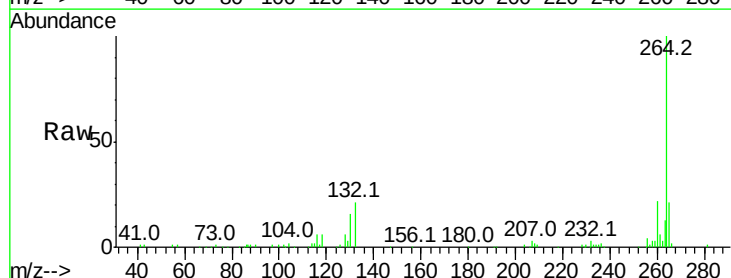
Tgt Ion:264 Resp: 156506

Ion Ratio Lower Upper

264 100

260 21.6 19.2 28.8

265 21.2 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

