

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100181.D
 Acq On : 4 Nov 2017 16:30
 Operator : SJ/JU
 Sample : I6099-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:50:03 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

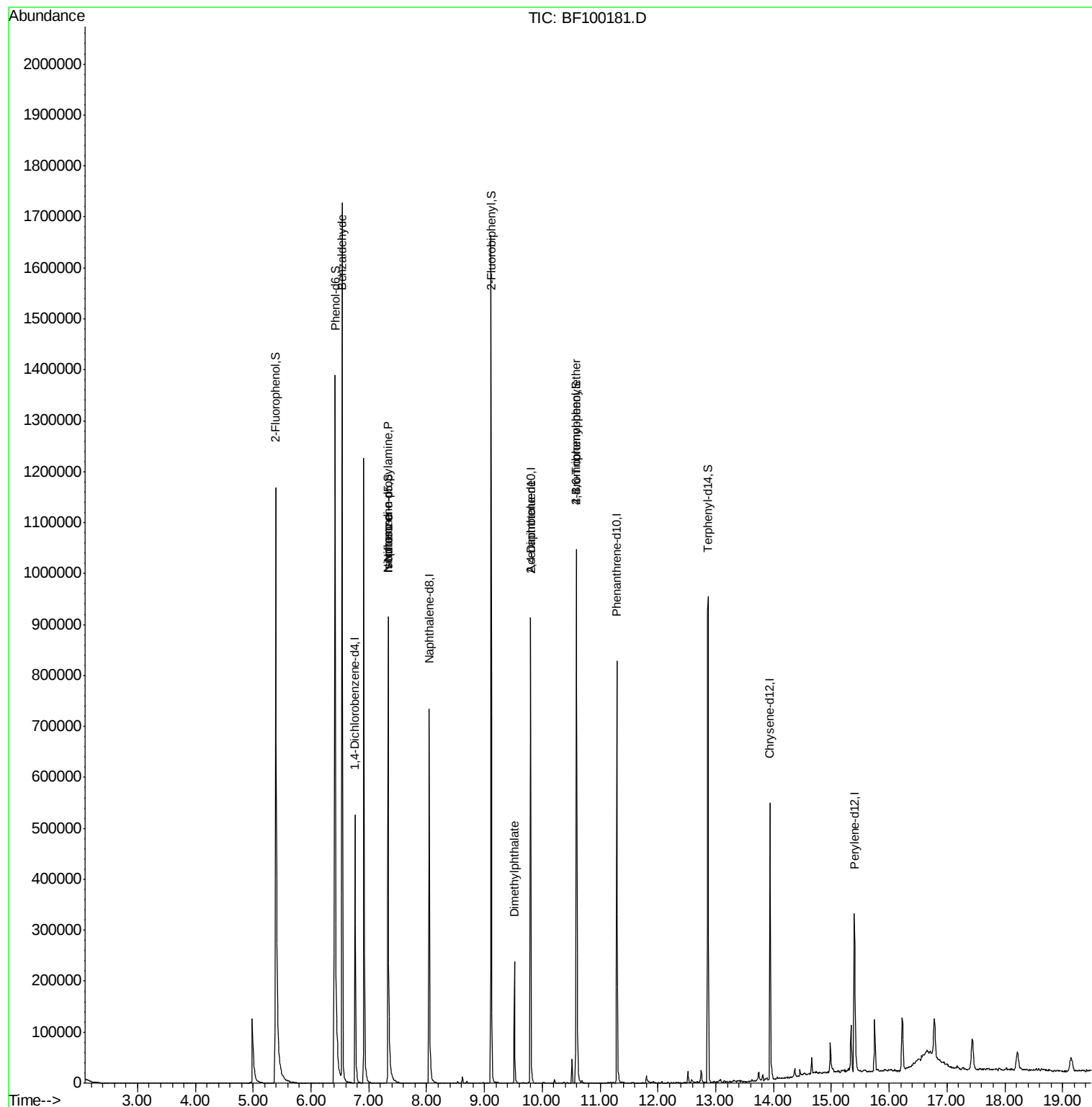
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	94014	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	391283	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	183412	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	333102	20.00	ng	0.00
75) Chrysene-d12	13.94	240	198071	20.00	ng	-0.01
86) Perylene-d12	15.40	264	167317	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	557335	93.07	ng	0.00
7) Phenol-d6	6.42	99	668056	94.09	ng	-0.01
23) Nitrobenzene-d5	7.33	82	348458	57.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	141287	84.53	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	527032	44.33	ng	-0.01
78) Terphenyl-d14	12.87	244	320688	35.38	ng	-0.01
Target Compounds				Qvalue		
9) Benzaldehyde	6.54	77	9652	2.275	ng	89
19) n-Nitroso-di-n-propylamine	7.33	70	43266	10.398	ng	# 70
25) Isophorone	7.33	82	348458	31.597	ng	# 64
49) Dimethylphthalate	9.52	163	108511	7.471	ng	100
56) 2,4-Dinitrotoluene	9.80	165	22695	6.172	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	9677	2.760	ng	# 1

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

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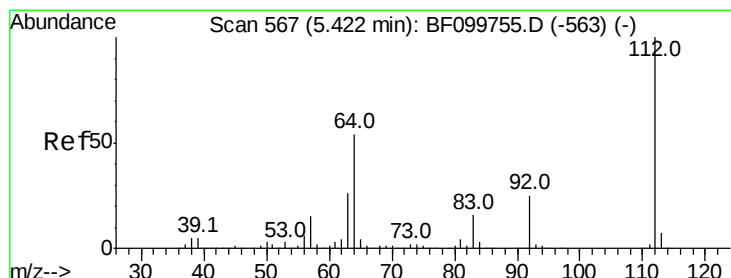
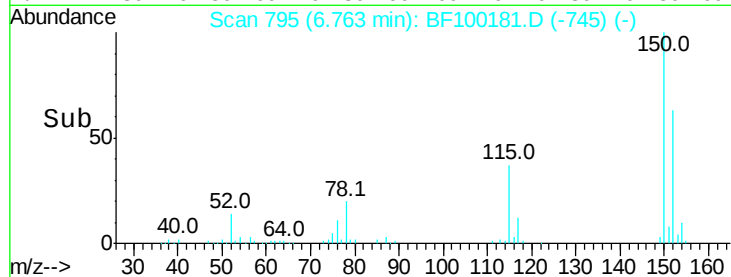
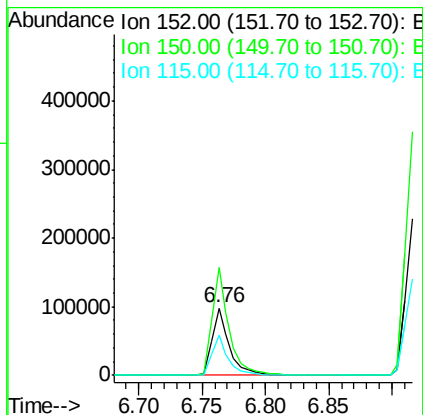
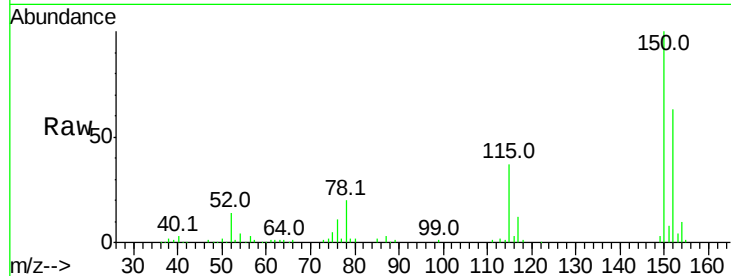


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Instrument :
 BNA_F
 ClientSampleId :

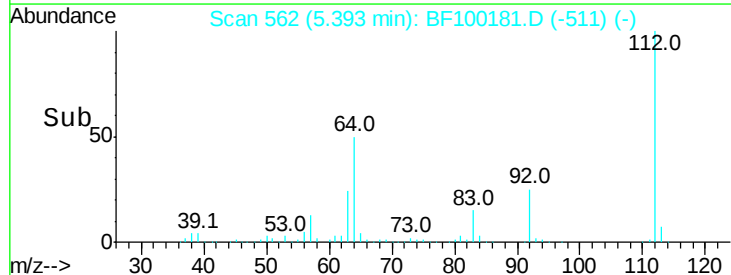
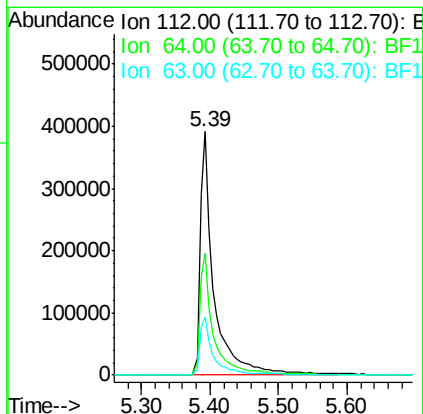
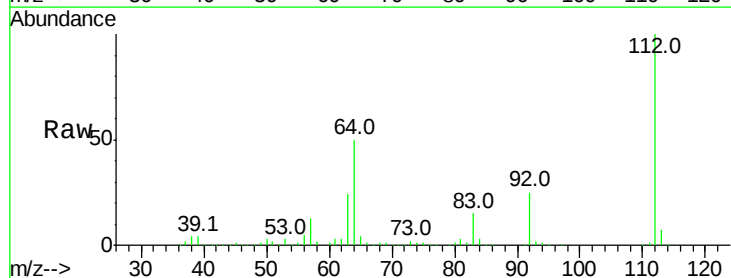
Tot Ion:152 Resp: 94014
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 58.9 50.1 75.1



#5

2-Fluorophenol
 Concen: 93.071 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Tgt Ion:112 Resp: 557335
 Ion Ratio Lower Upper
 112 100
 64 50.0 47.9 71.9
 63 23.8 23.7 35.5





#7

Phenol-d6

Concen: 94.087 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100181.D

Acq: 4 Nov 2017 16:30

Instrument :

BNA_F

ClientSampleId :

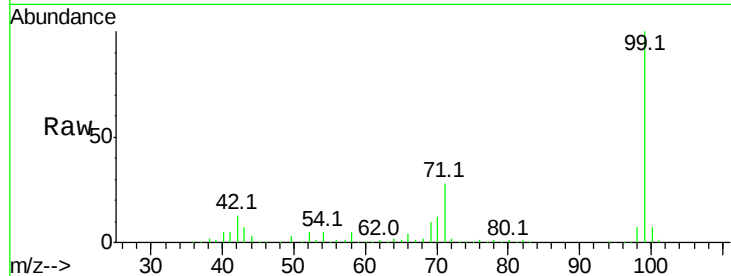
Tot Ion: 99 Resp: 668056

Ion Ratio Lower Upper

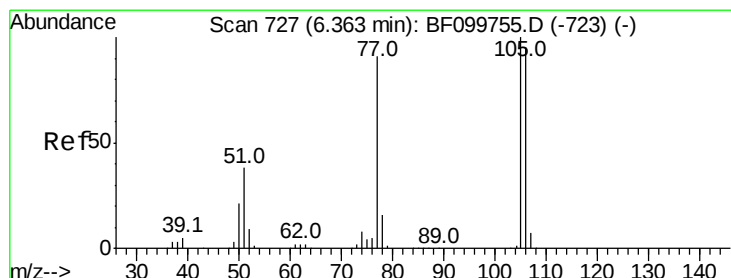
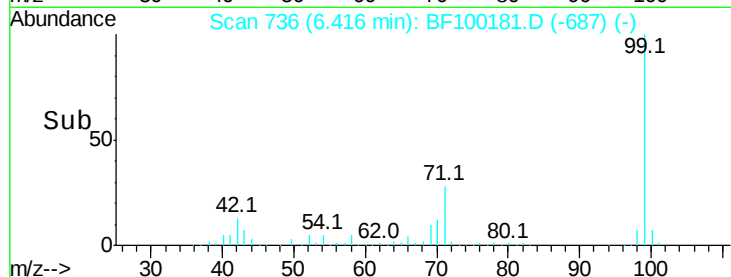
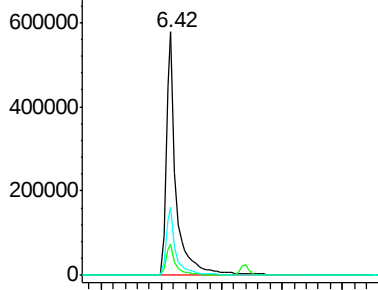
99 100

42 12.9 14.5 21.7#

71 27.9 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: 2.275 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100181.D

Acq: 4 Nov 2017 16:30

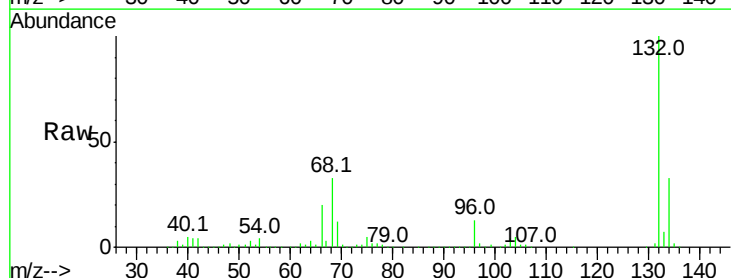
Tgt Ion: 77 Resp: 9652

Ion Ratio Lower Upper

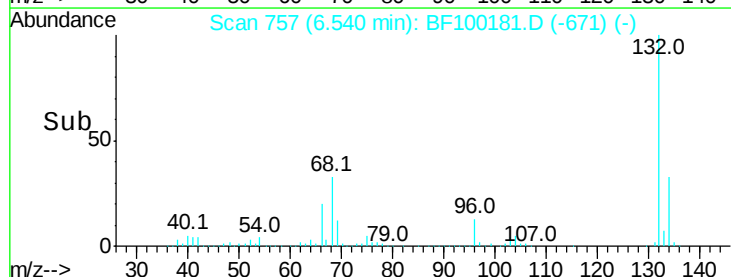
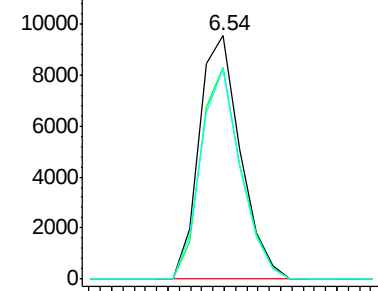
77 100

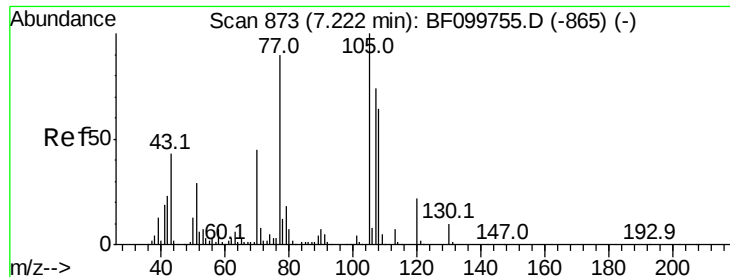
105 86.8 81.1 121.1

106 86.5 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

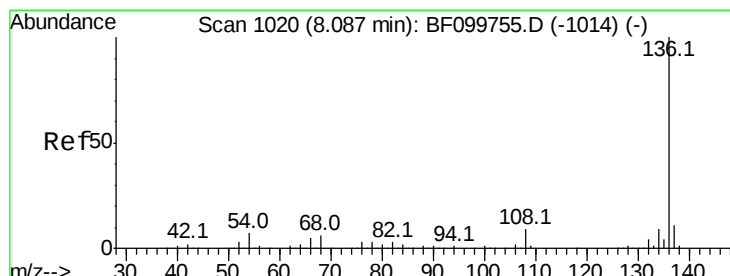
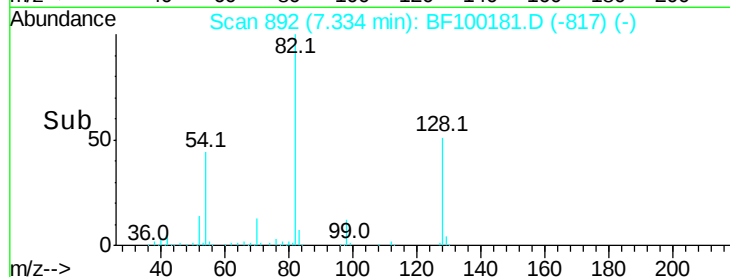
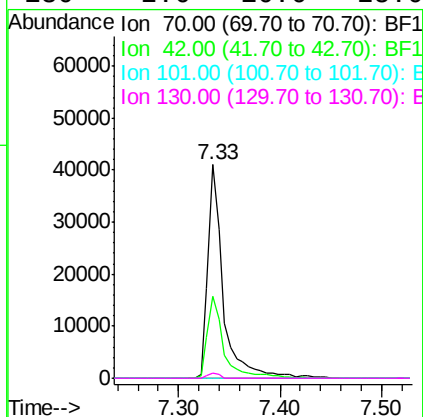
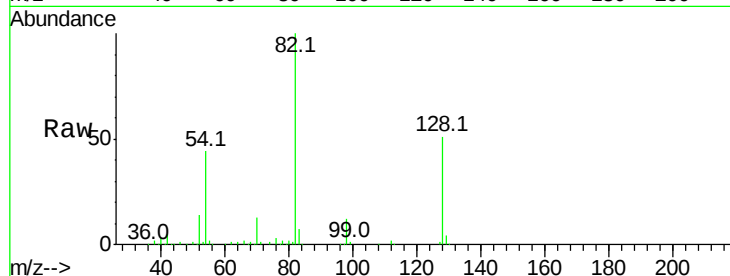




#19
n-Nitroso-di-n-propylamine
Concen: 10.398 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF100181.D
Acq: 4 Nov 2017 16:30

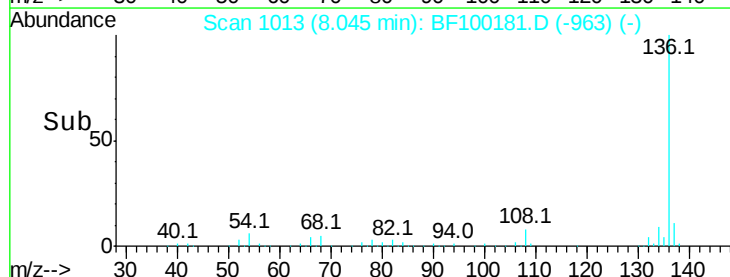
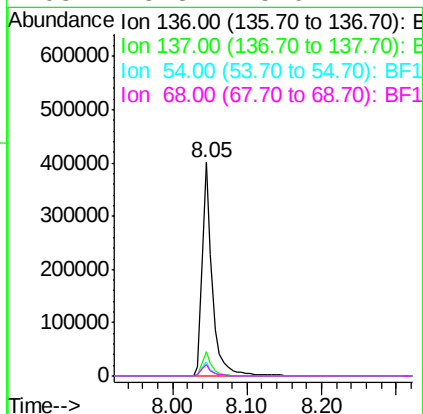
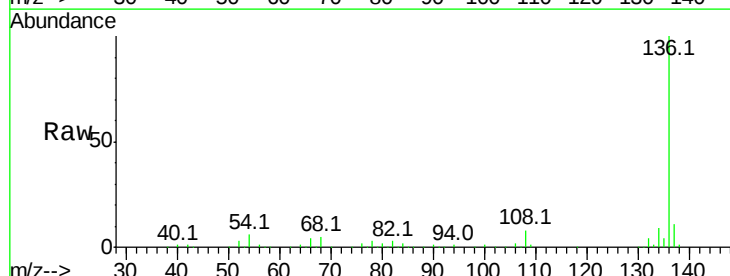
Instrument :
BNA_F
ClientSampleId :

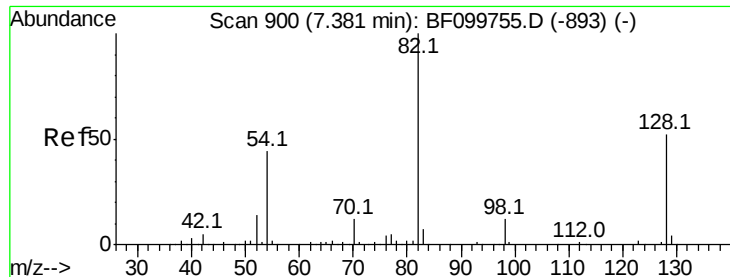
Tot Ion: 70 Resp: 43266
Ion Ratio Lower Upper
70 100
42 38.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100181.D
Acq: 4 Nov 2017 16:30

Tgt Ion: 136 Resp: 391283
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.4 6.6 9.8#
68 5.3 5.0 7.4

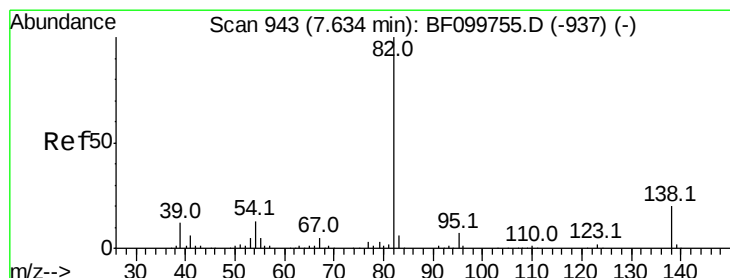
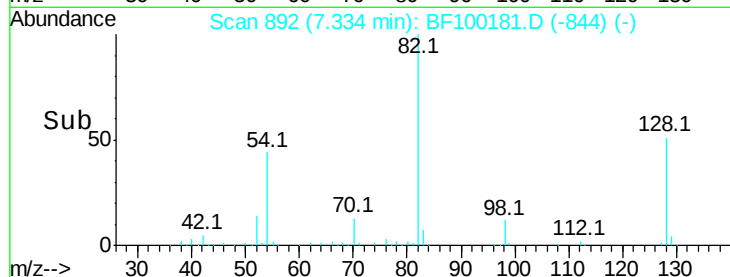
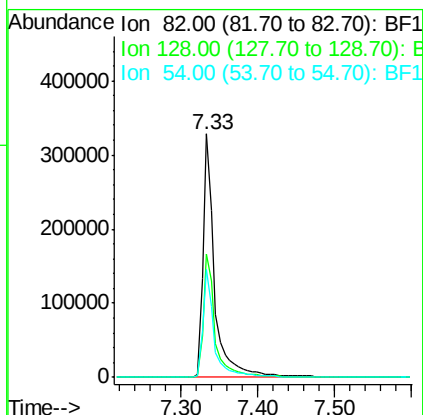
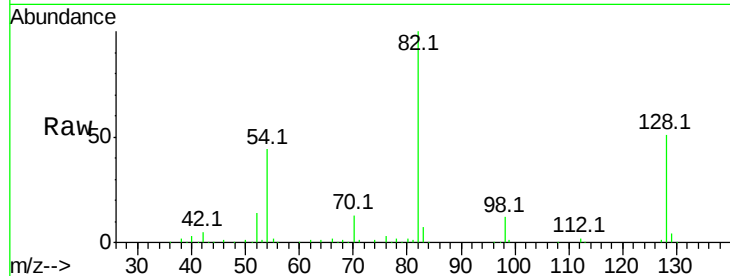




#23
 Nitrobenzene-d5
 Concen: 57.334 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

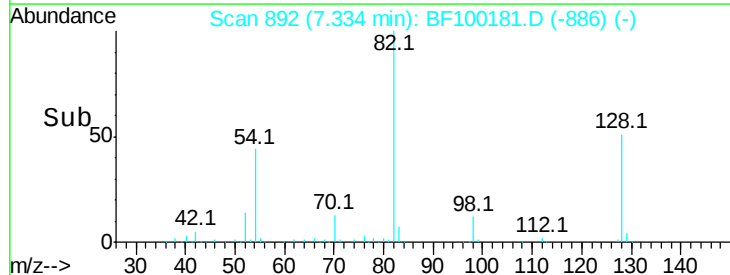
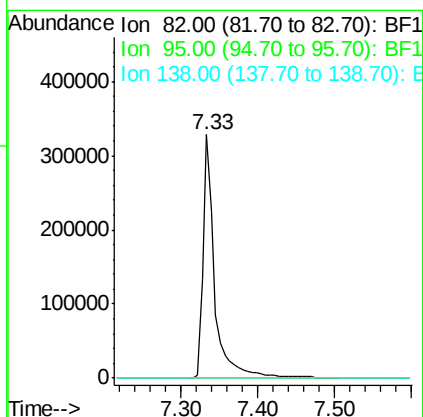
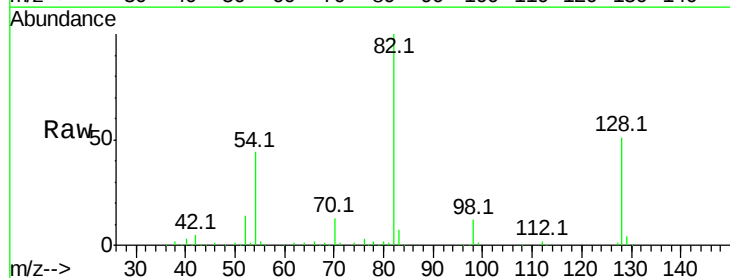
Instrument :
 BNA_F
 ClientSampleId :

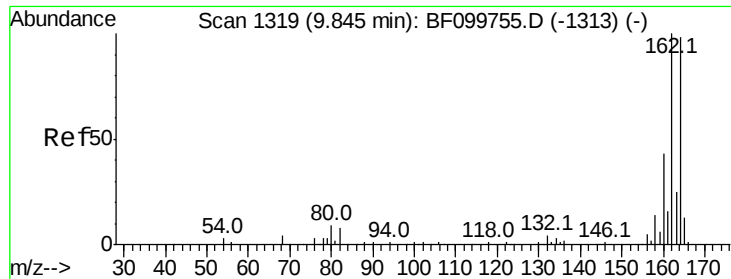
Tot Ion: 82 Resp: 348458
 Ion Ratio Lower Upper
 82 100
 128 50.6 36.1 54.1
 54 44.4 41.4 62.2



#25
 Isophorone
 Concen: 31.597 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Tgt Ion: 82 Resp: 348458
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

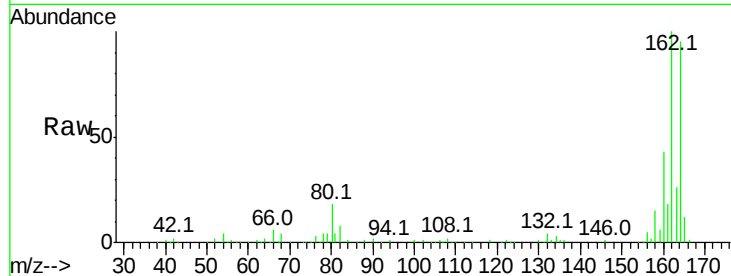




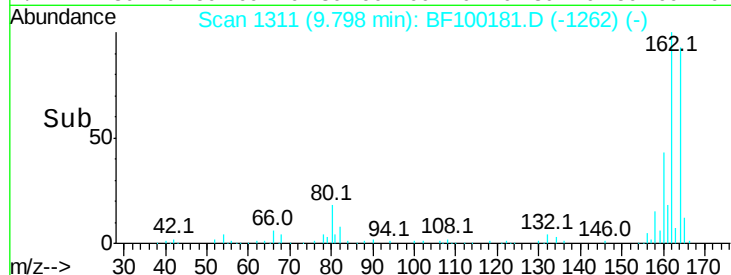
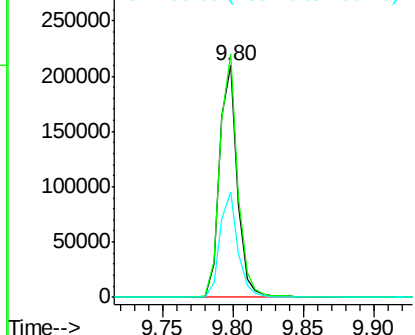
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 183412
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.7 38.3 57.5

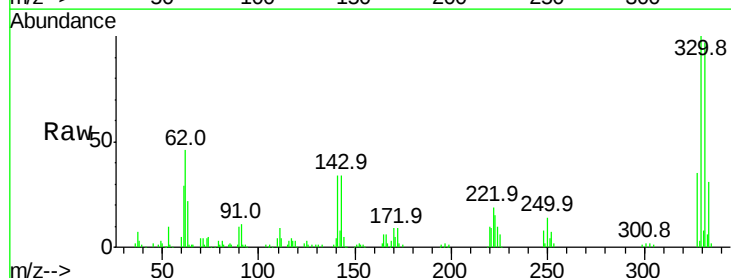


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

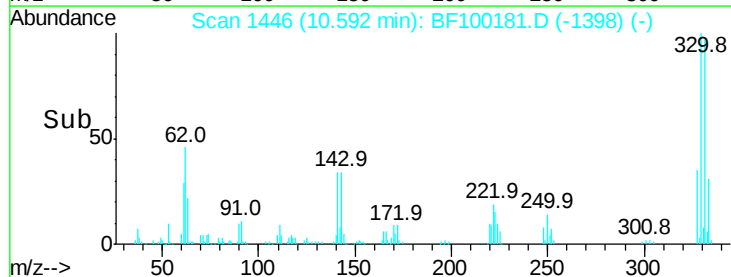
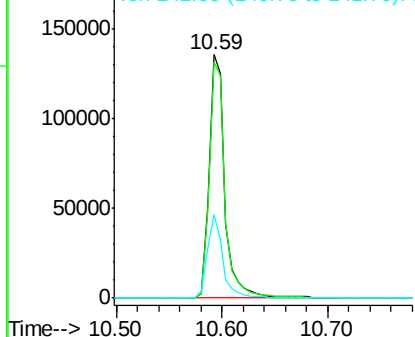


#41
 2,4,6-Tribromophenol
 Concen: 84.529 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Tgt Ion:330 Resp: 141287
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.2 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

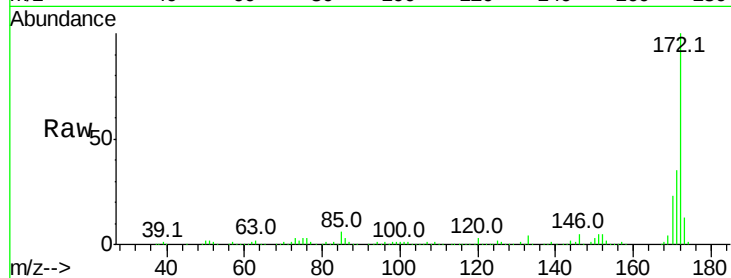




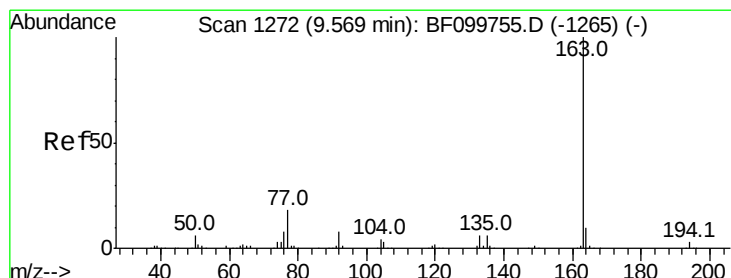
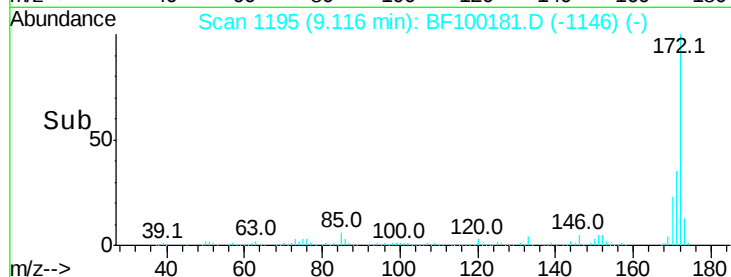
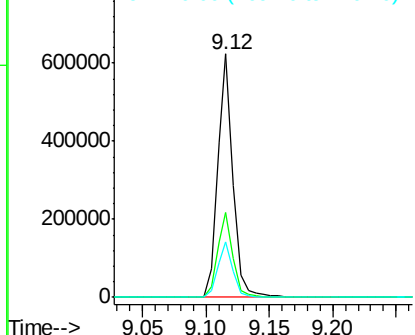
#44
2-Fluorobiphenyl
Concen: 44.333 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100181.D
Acq: 4 Nov 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 527032
Ion Ratio Lower Upper
172 100
171 34.8 29.7 44.5
170 23.0 19.6 29.4

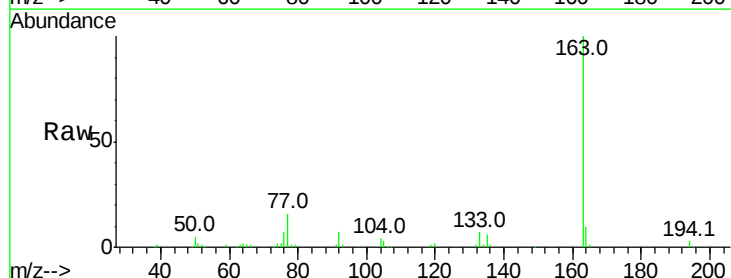


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

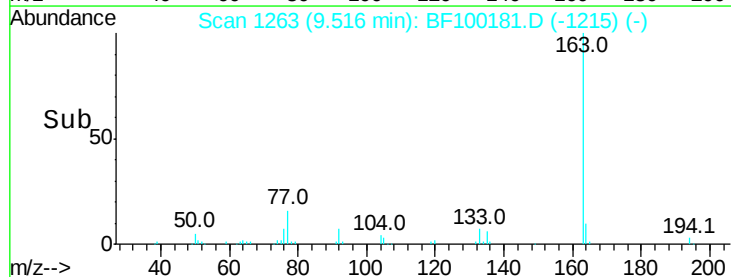
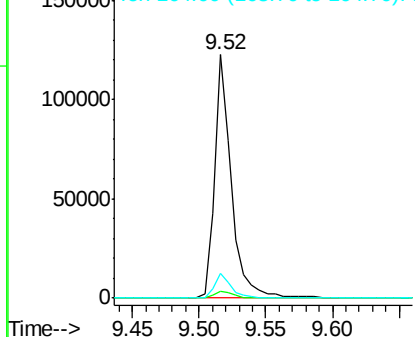


#49
Dimethylphthalate
Concen: 7.471 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100181.D
Acq: 4 Nov 2017 16:30

Tgt Ion:163 Resp: 108511
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.1 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

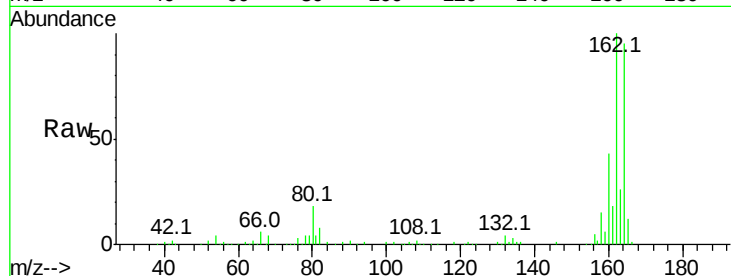




#56
 2,4-Dinitrotoluene
 Concen: 6.172 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	22695
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

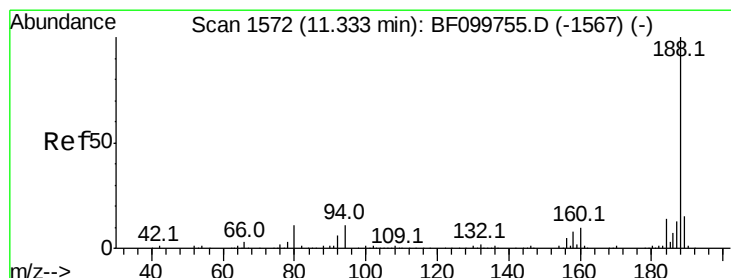
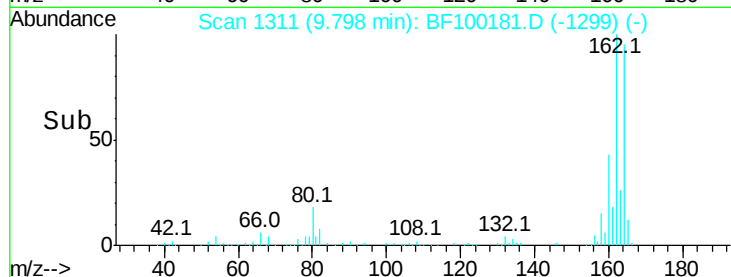
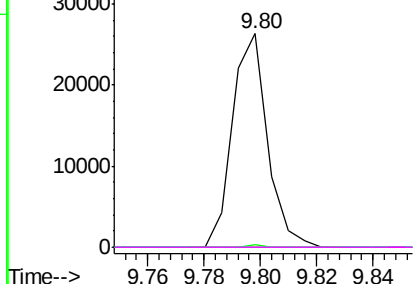


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

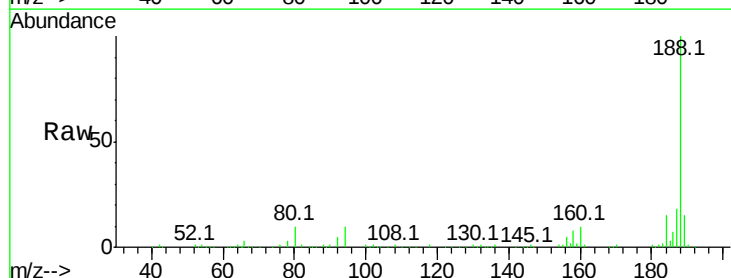
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

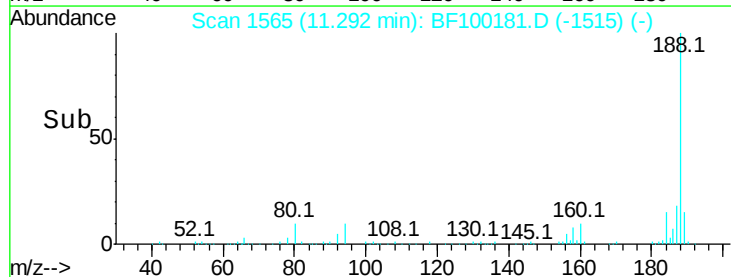
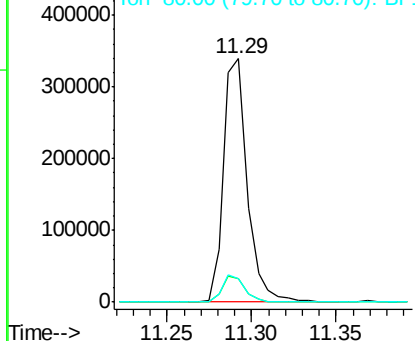
Tgt Ion:	188	Resp:	333102
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	9.7	9.2	13.8



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

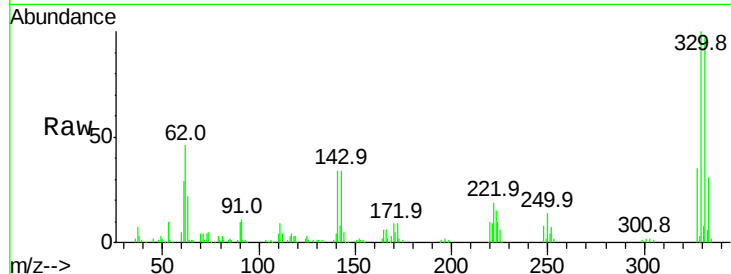




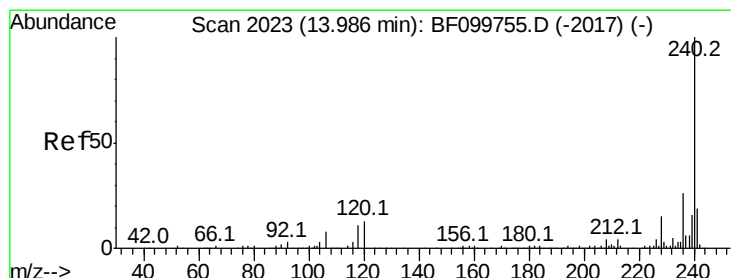
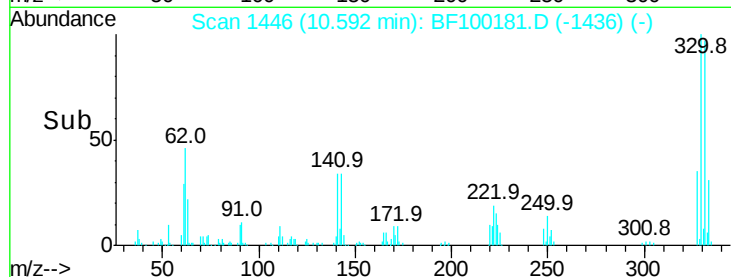
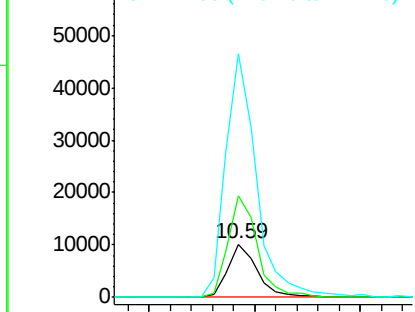
#66
 4-Bromophenyl-phenylether
 Concen: 2.760 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9677
 Ion Ratio Lower Upper
 248 100
 250 189.2 76.9 115.3#
 141 455.8 74.4 111.6#

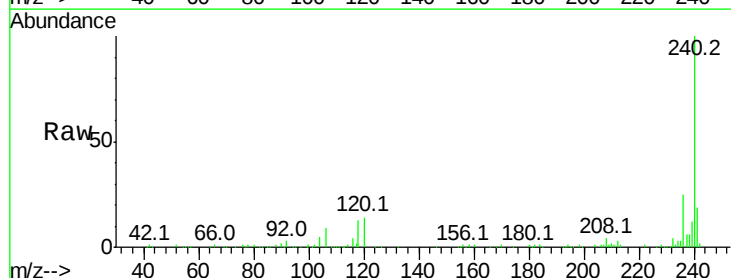


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

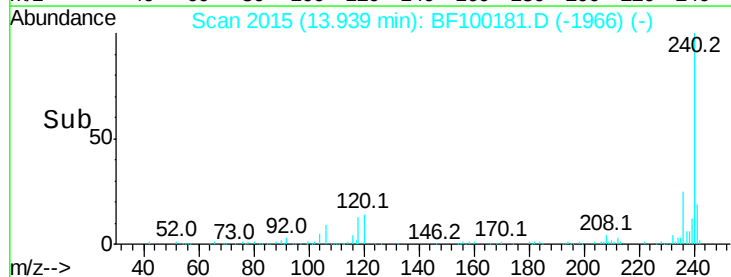
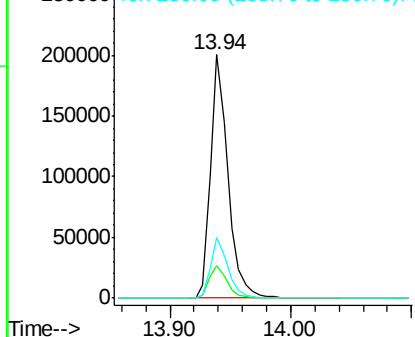


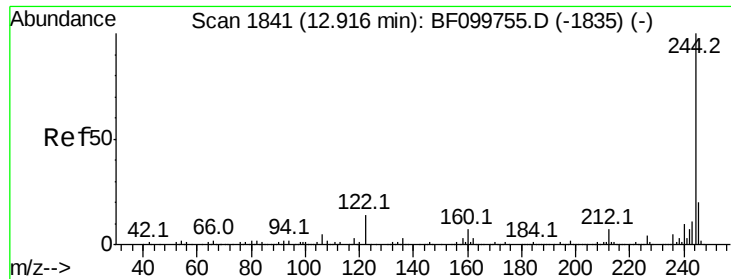
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100181.D
 Acq: 4 Nov 2017 16:30

Tgt Ion:240 Resp: 198071
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.0 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: 35.382 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100181.D

Acq: 4 Nov 2017 16:30

Instrument :

BNA_F

ClientSampleId :

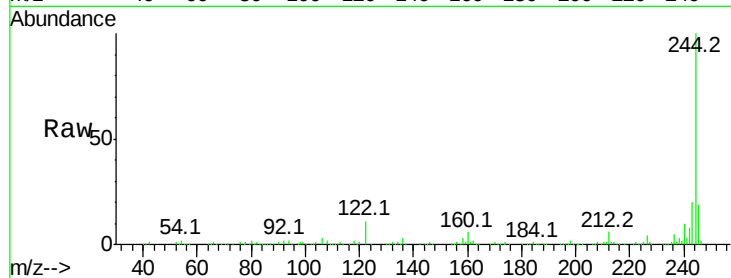
Tot Ion:244 Resp: 320688

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

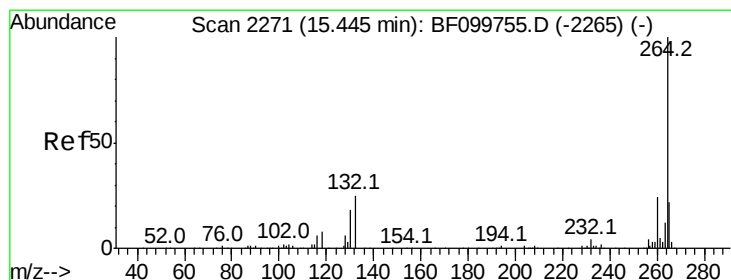
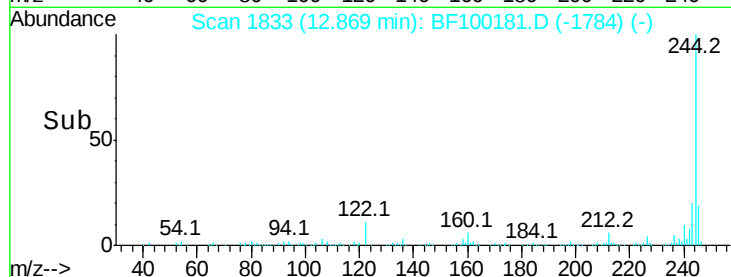
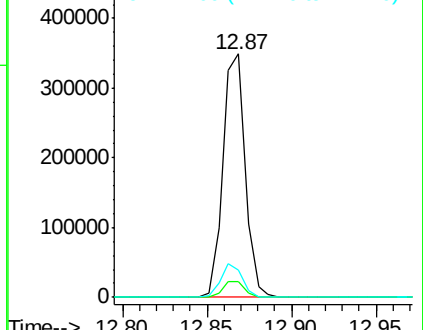
122 11.4 11.0 16.4



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: BF100181.D

Acq: 4 Nov 2017 16:30

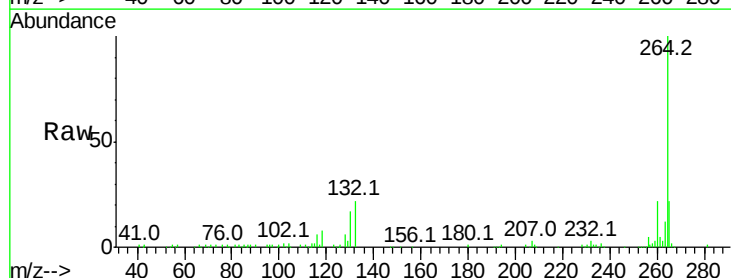
Tgt Ion:264 Resp: 167317

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 21.6 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

