

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100135.D
 Acq On : 3 Nov 2017 15:34
 Operator : SJ/JU
 Sample : I6258-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 16:07:40 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

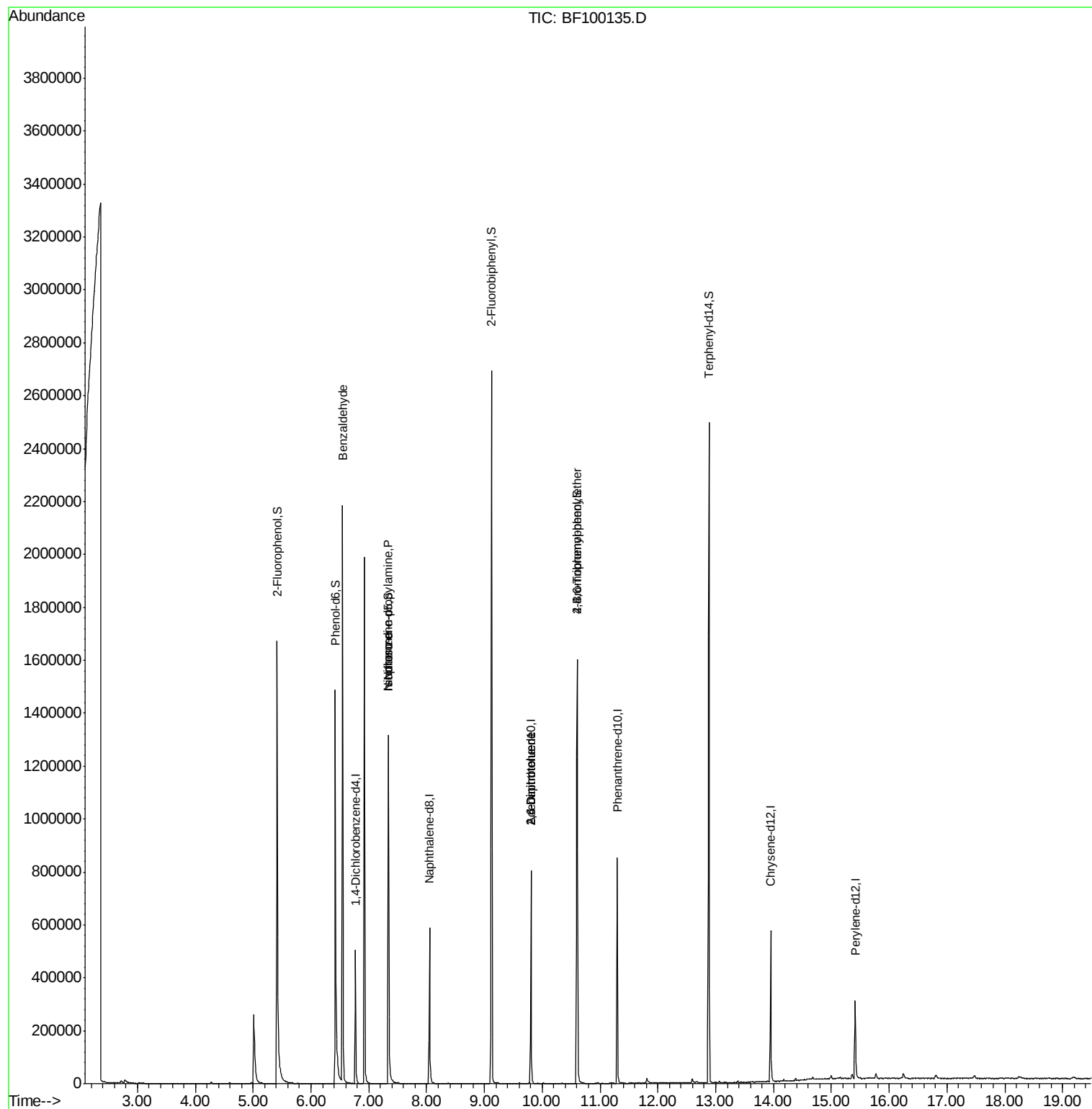
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82314	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	346564	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	168424	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	311422	20.00	ng	0.00
75) Chrysene-d12	13.95	240	222224	20.00	ng	0.00
86) Perylene-d12	15.41	264	146196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	690893	131.77	ng	0.02
7) Phenol-d6	6.42	99	721198	116.01	ng	0.00
23) Nitrobenzene-d5	7.34	82	523759	97.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	228289	148.73	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1070980	98.11	ng	0.00
78) Terphenyl-d14	12.89	244	990620	97.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	13155	3.541	ng	86
19) n-Nitroso-di-n-propylamine	7.34	70	64697	17.758	ng	# 72
25) Isophorone	7.34	82	523797	53.624	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	21473	7.658	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	21473	6.359	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	14745	4.497	ng	# 1

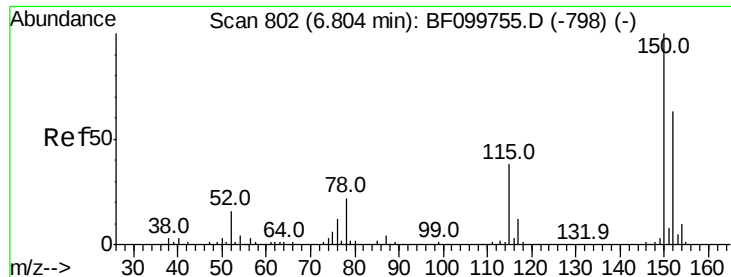
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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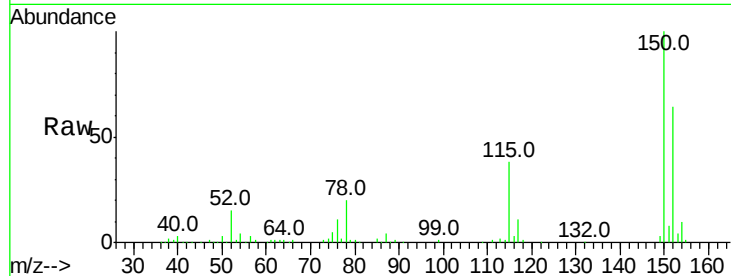


#1

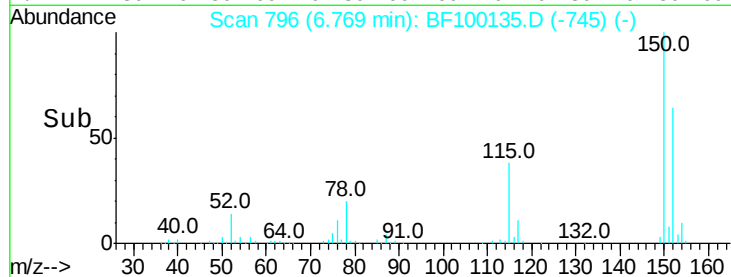
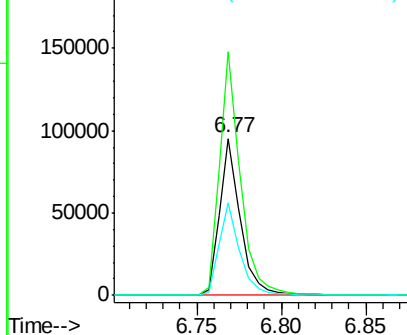
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82314
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 59.0 50.1 75.1



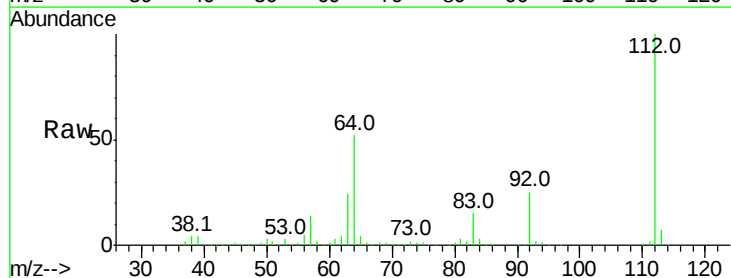
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



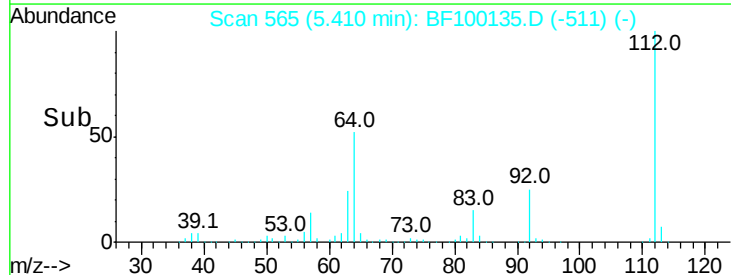
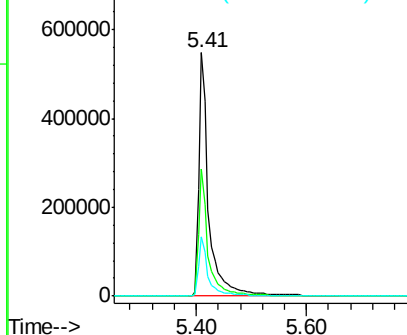
#5

2-Fluorophenol
Concen: 131.773 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:112 Resp: 690893
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.2 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: 116.008 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100135.D

Acq: 3 Nov 2017 15:34

Instrument :

BNA_F

ClientSampleId :

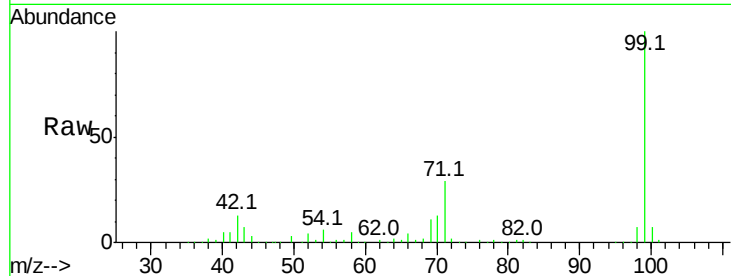
Tot Ion: 99 Resp: 721198

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

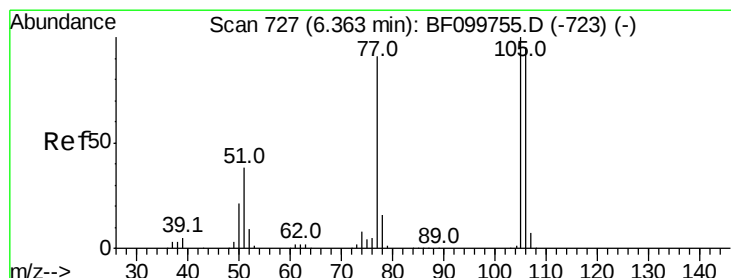
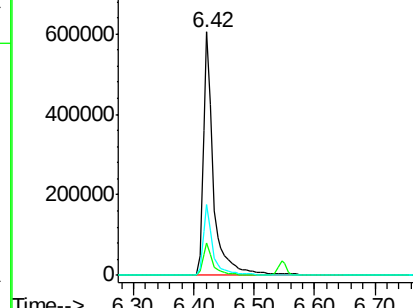
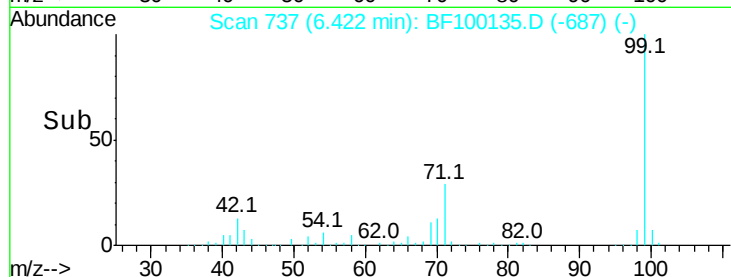
71 29.3 25.4 38.0



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: 3.541 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100135.D

Acq: 3 Nov 2017 15:34

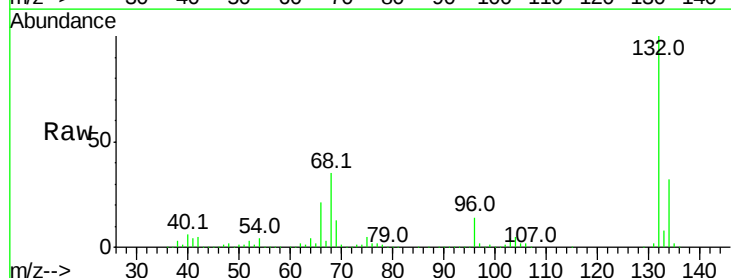
Tgt Ion: 77 Resp: 13155

Ion Ratio Lower Upper

77 100

105 82.0 81.1 121.1

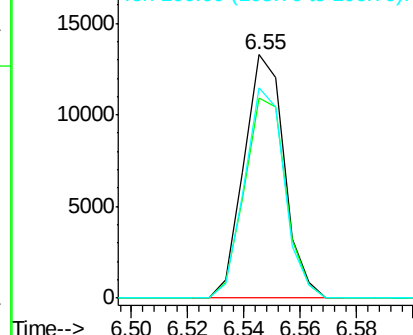
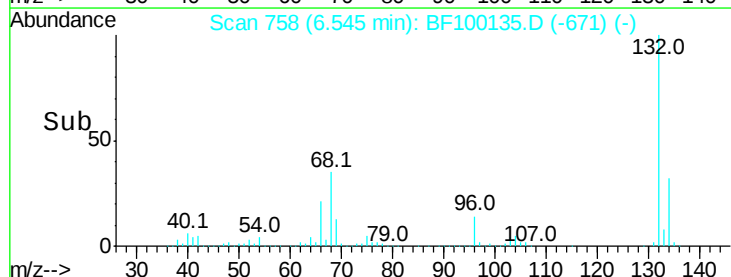
106 86.5 74.5 114.5

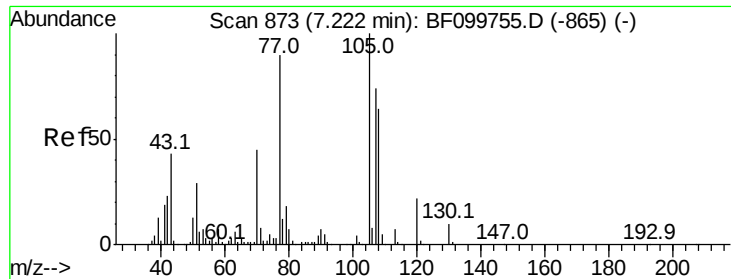


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

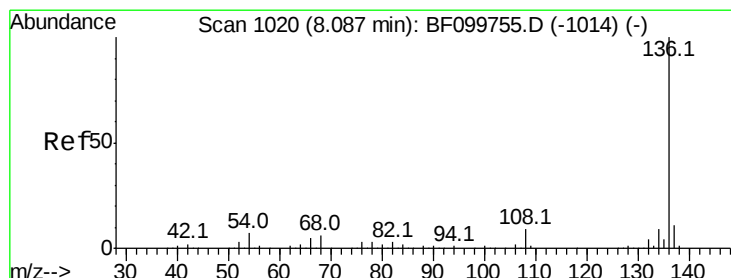
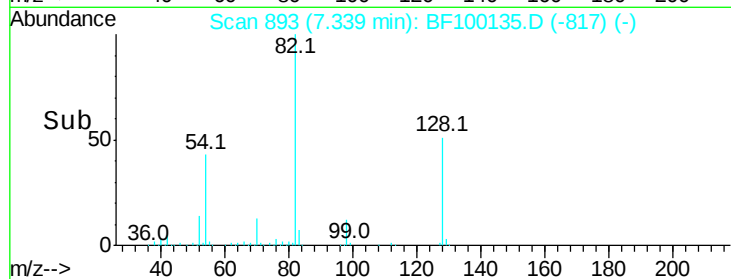
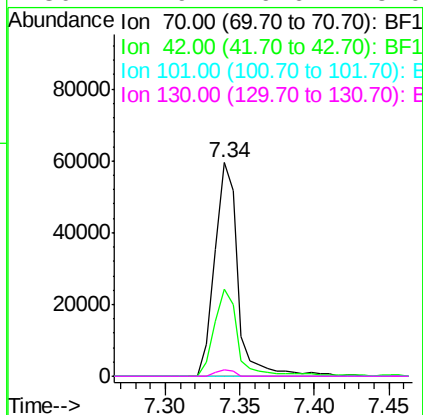
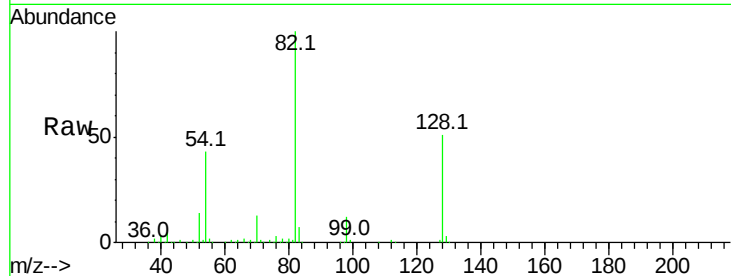




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.758 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.15 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

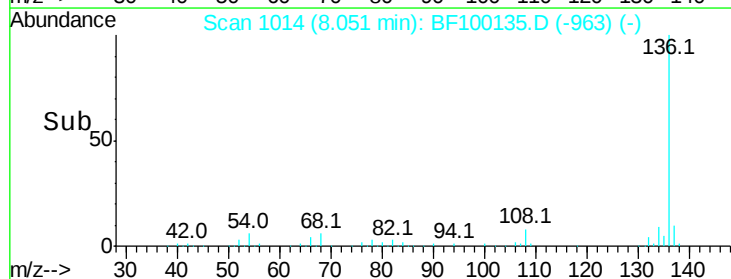
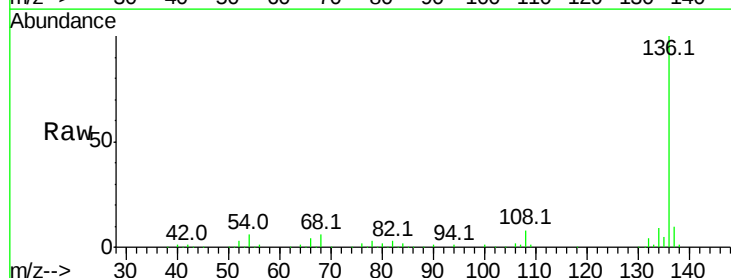
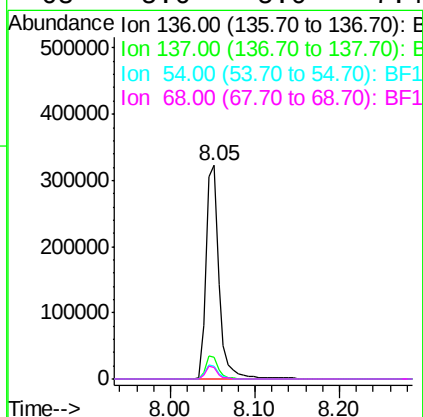
Instrument :
 BNA_F
 ClientSampleId :

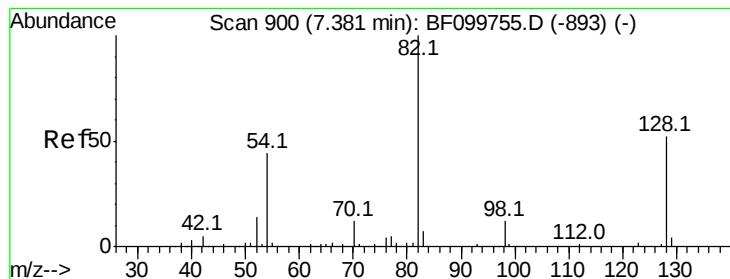
Tot Ion: 70 Resp: 64697
 Ion Ratio Lower Upper
 70 100
 42 40.9 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.9 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

Tgt Ion: 136 Resp: 346564
 Ion Ratio Lower Upper
 136 100
 137 10.3 8.9 13.3
 54 6.0 6.6 9.8#
 68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 97.298 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100135.D

Acq: 3 Nov 2017 15:34

Instrument :

BNA_F

ClientSampleId :

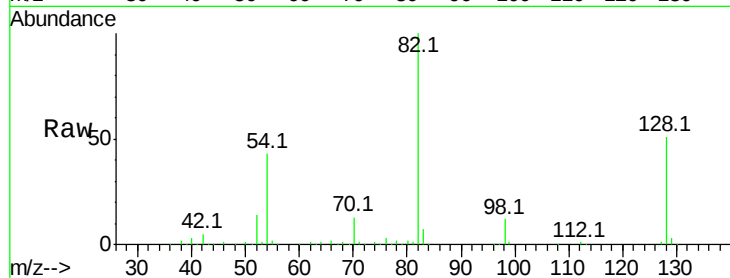
Tot Ion: 82 Resp: 523759

Ion Ratio Lower Upper

82 100

128 50.8 36.1 54.1

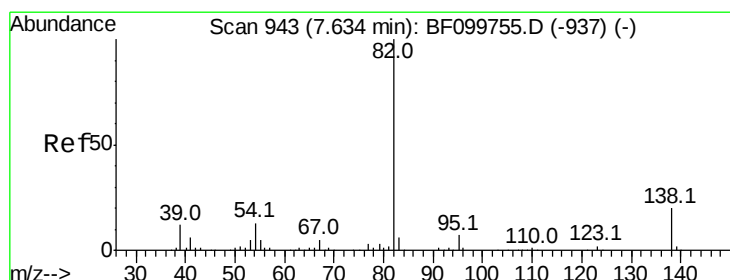
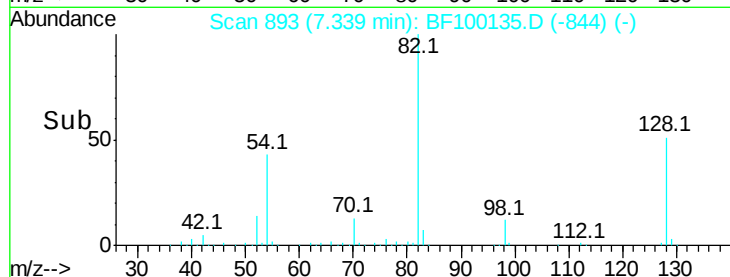
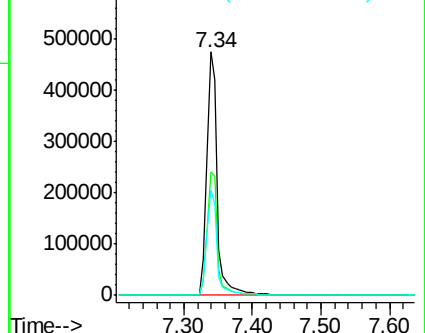
54 43.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 53.624 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100135.D

Acq: 3 Nov 2017 15:34

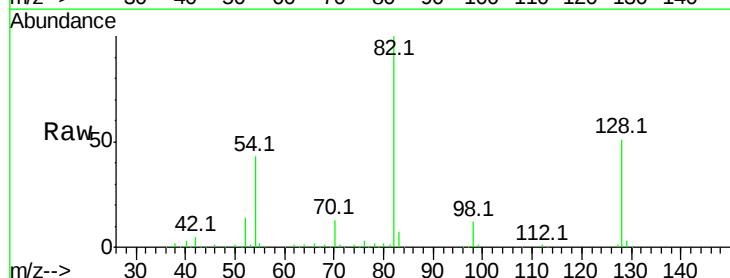
Tgt Ion: 82 Resp: 523797

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

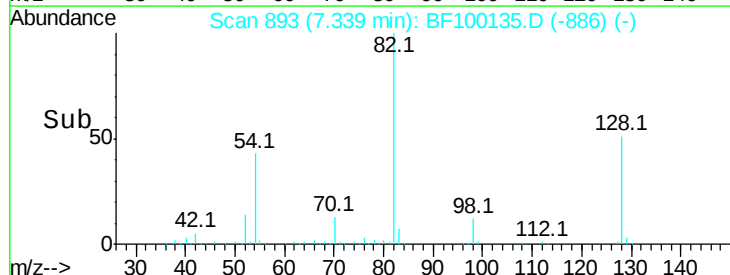
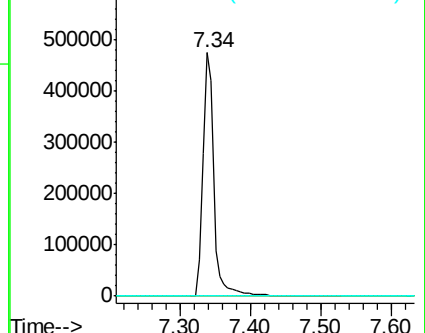
138 0.0 14.9 22.3#

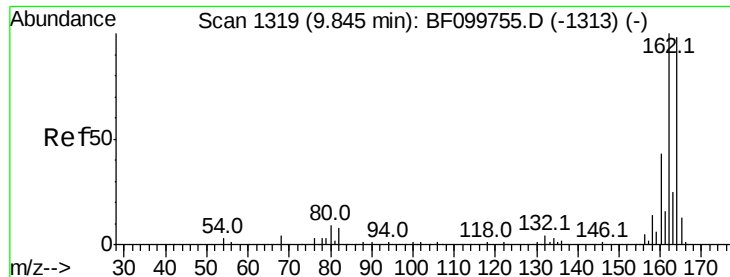


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

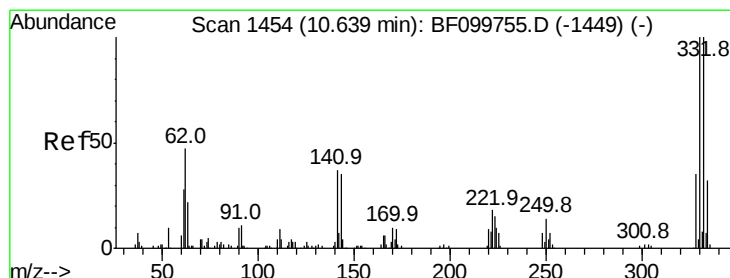
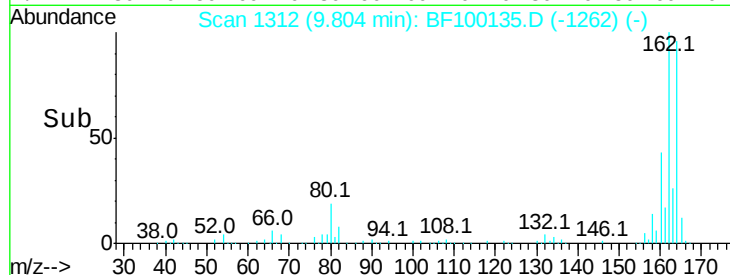
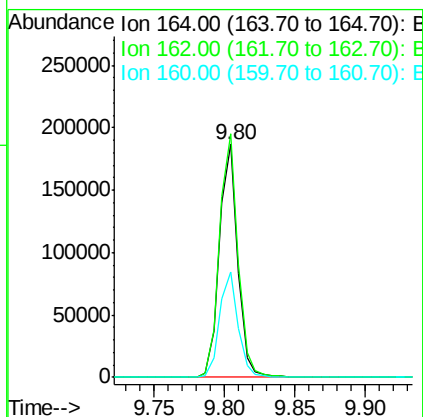
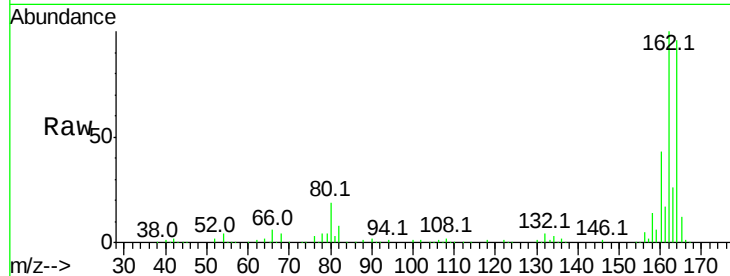




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

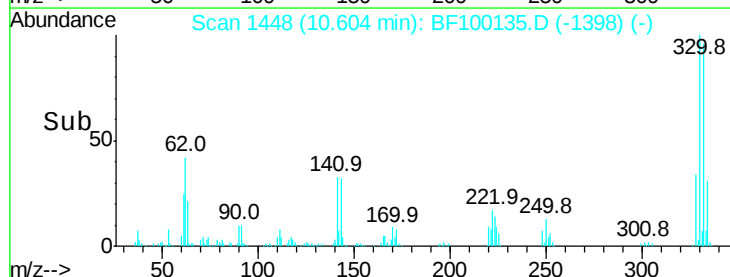
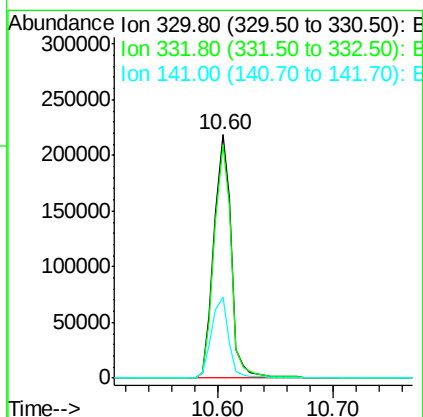
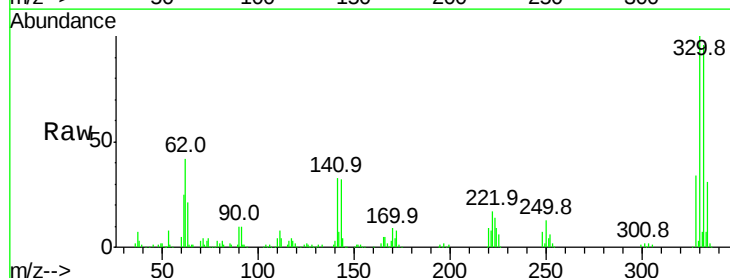
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 168424
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 148.734 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

Tgt Ion:330 Resp: 228289
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.3 29.9 44.9

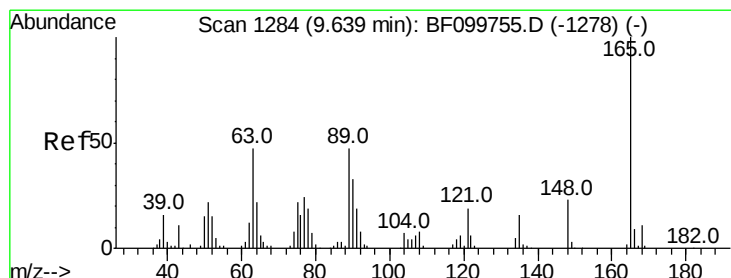
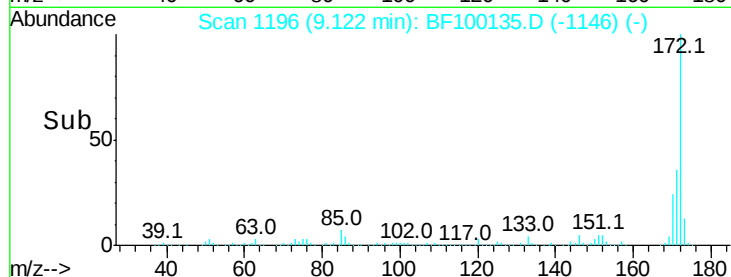
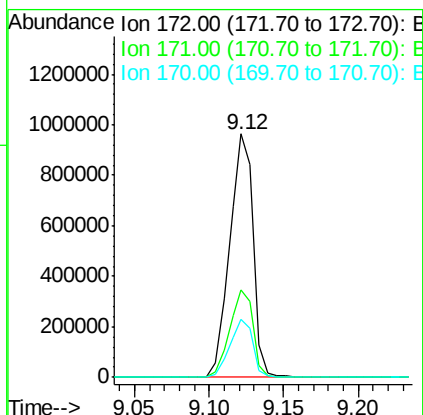
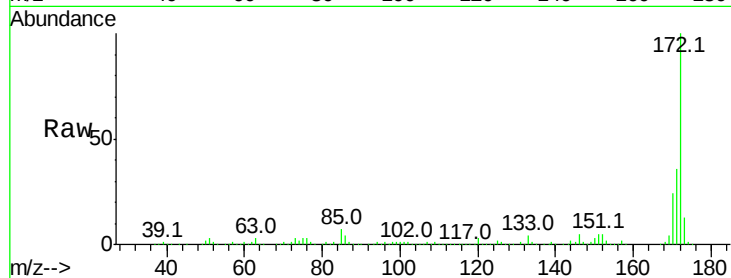




#44
 2-Fluorobiphenyl
 Concen: 98.107 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

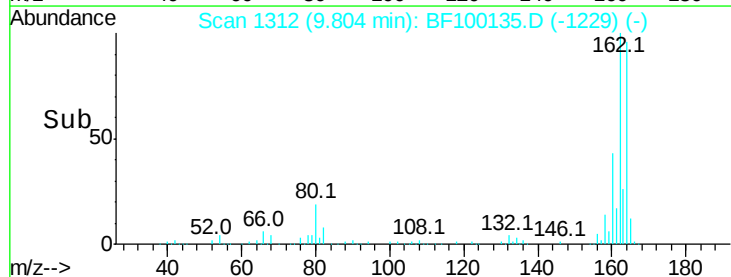
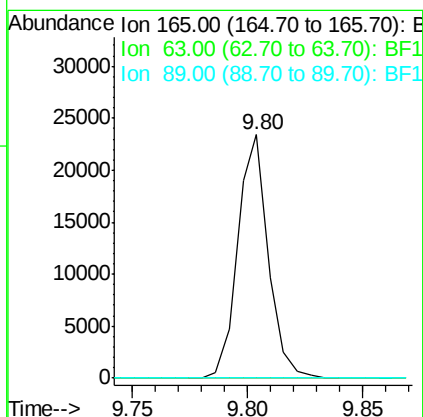
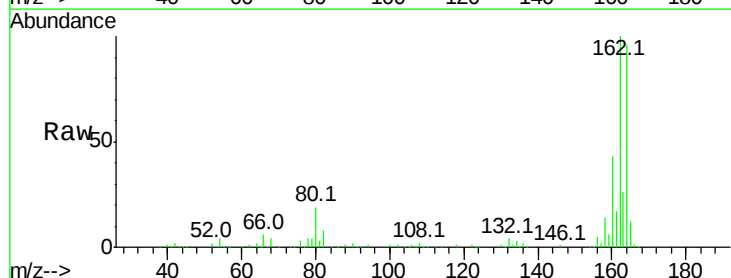
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1070980
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.658 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

Tgt Ion:165 Resp: 21473
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

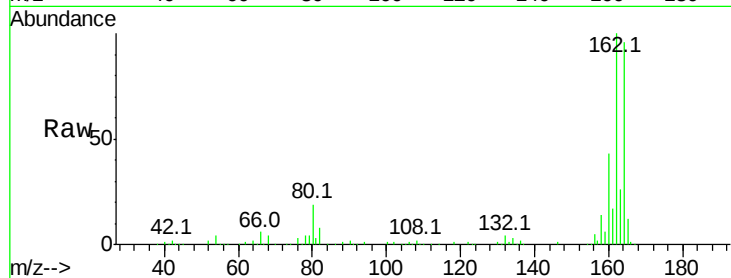




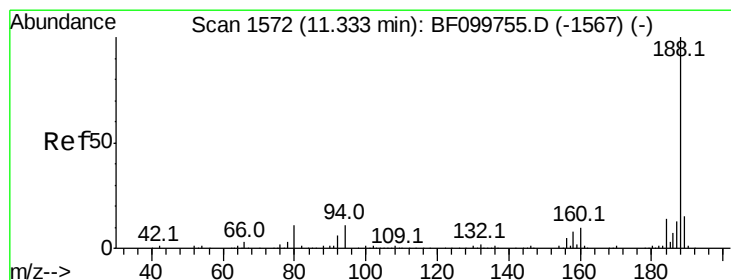
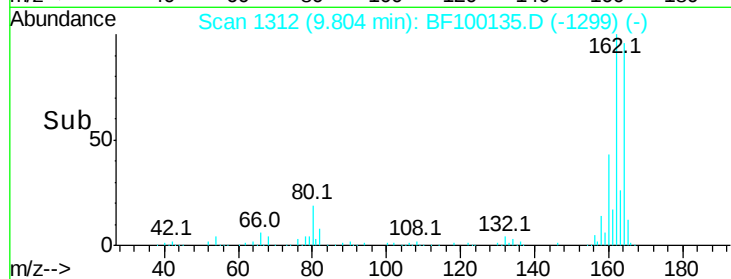
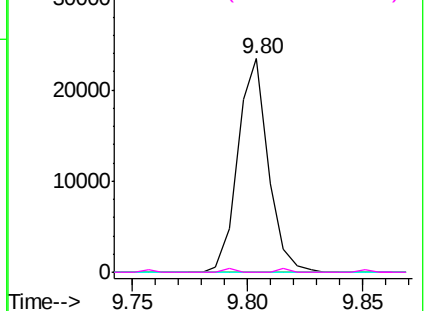
#56
 2,4-Dinitrotoluene
 Concen: 6.359 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21473
 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#

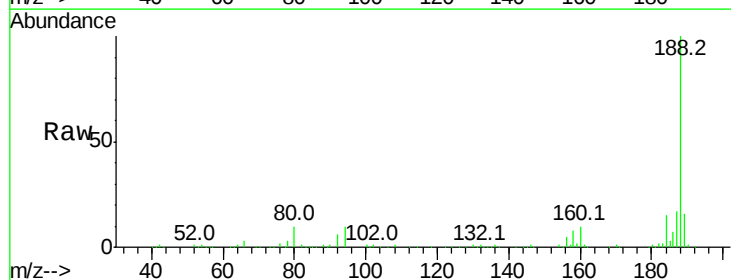


Abundance Ion 165.00 (164.70 to 165.70): E

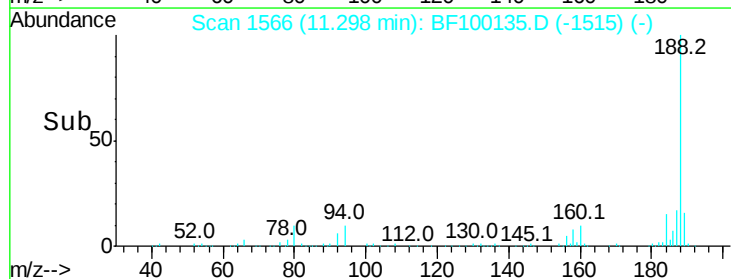
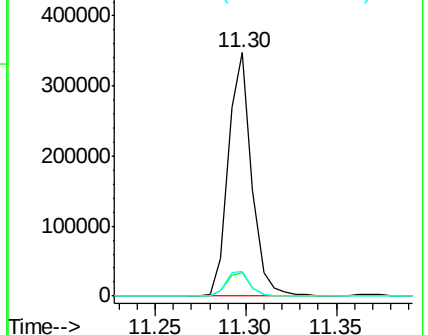


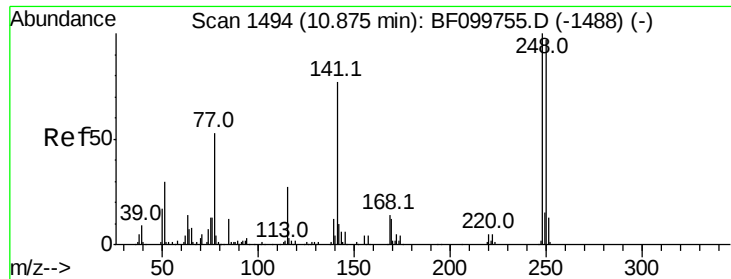
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100135.D
 Acq: 3 Nov 2017 15:34

Tgt Ion:188 Resp: 311422
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

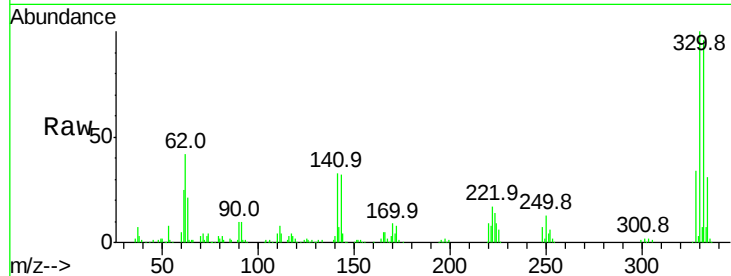




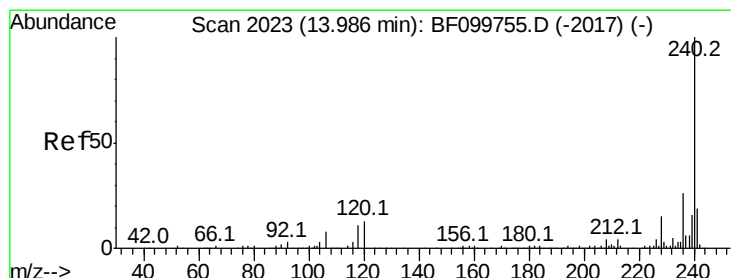
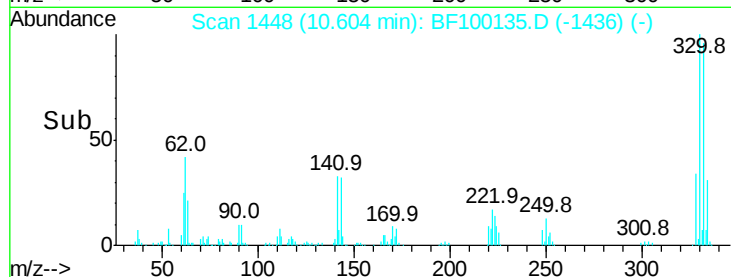
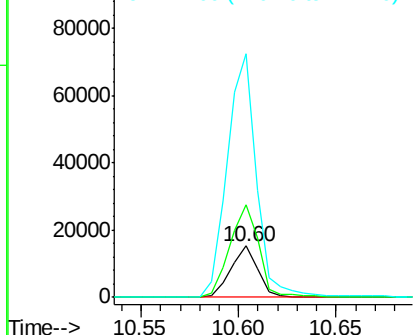
#66
4-Bromophenyl-phenylether
Concen: 4.497 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.23 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14745
Ion Ratio Lower Upper
248 100
250 179.6 76.9 115.3#
141 475.0 74.4 111.6#

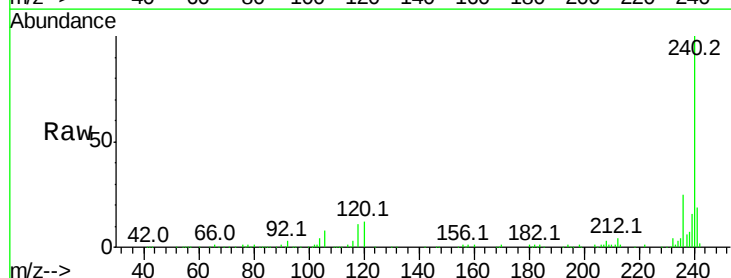


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

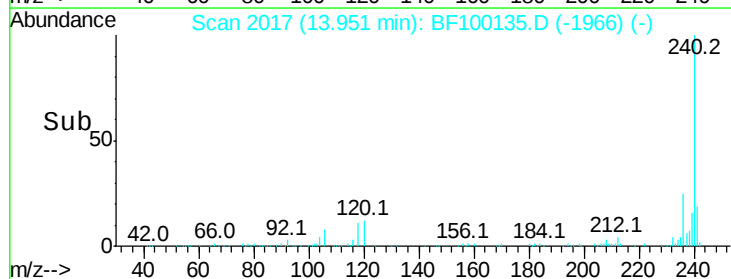
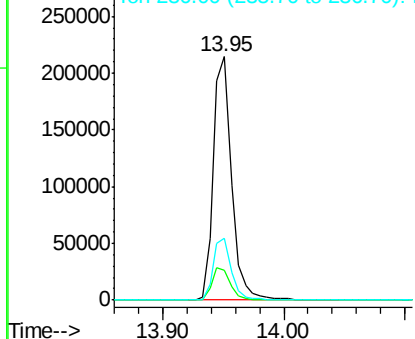


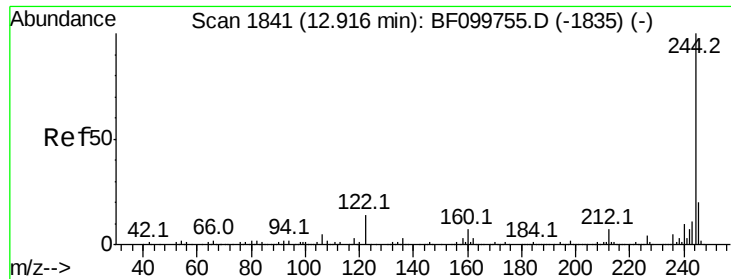
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:240 Resp: 222224
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.2 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: 97.418 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF100135.D

Acq: 3 Nov 2017 15:34

Instrument :

BNA_F

ClientSampled :

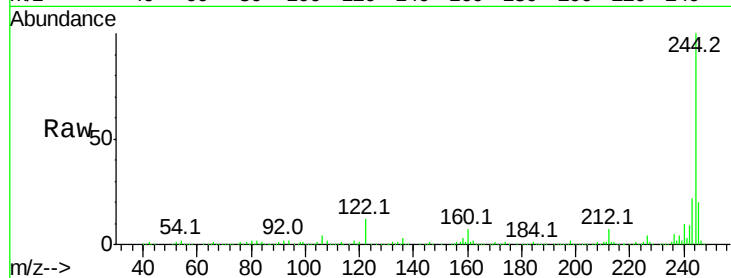
Tot Ion:244 Resp: 990620

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

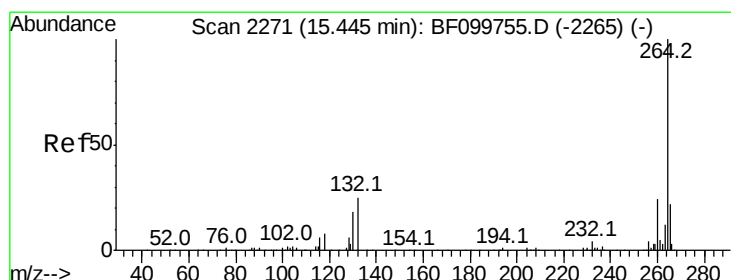
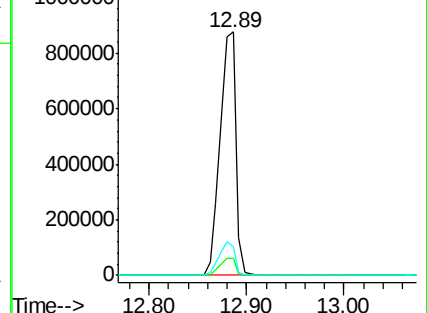
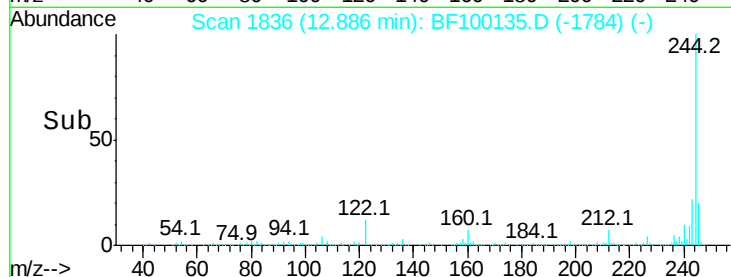
122 11.8 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF100135.D

Acq: 3 Nov 2017 15:34

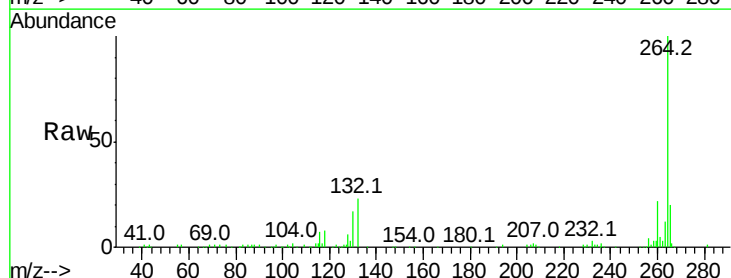
Tgt Ion:264 Resp: 146196

Ion Ratio Lower Upper

264 100

260 21.7 19.2 28.8

265 20.1 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

