

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100035.D
 Acq On : 1 Nov 2017 8:35
 Operator : SJ/JU
 Sample : I6094-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 11:06:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	75809	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	303955	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	140183	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	247889	20.00	ng	0.00
75) Chrysene-d12	13.98	240	148477	20.00	ng	0.00
86) Perylene-d12	15.49	264	137469	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	569141	117.87	ng	0.02
7) Phenol-d6	6.43	99	623979	108.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	402260	85.20	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	165662	129.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	851412	93.71	ng	0.00
78) Terphenyl-d14	12.91	244	715642	105.33	ng	0.00

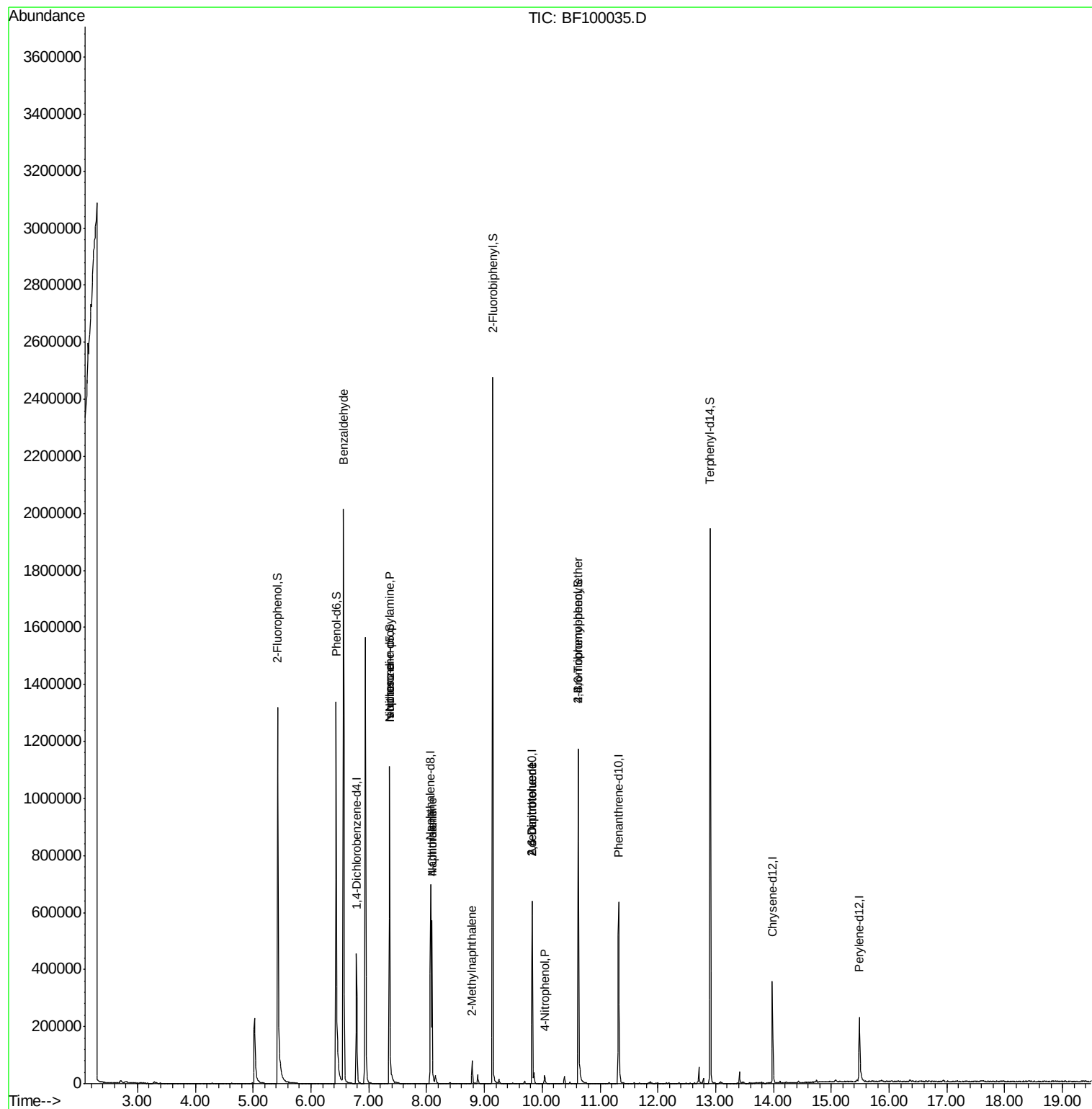
Target Compounds				Qvalue		
9) Benzaldehyde	6.56	77	10295	3.009	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	50307	14.993	ng	# 73
25) Isophorone	7.36	82	402260	46.954	ng	# 64
31) Naphthalene	8.09	128	305445	20.818	ng	99
33) 4-Chloroaniline	8.09	127	38008	6.273	ng	# 32
37) 2-Methylnaphthalene	8.79	142	26207	2.665	ng	97
50) 2,6-Dinitrotoluene	9.82	165	17993	7.710	ng	# 24
55) 4-Nitrophenol	10.04	139	5202	3.621	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	17993	6.402	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	10977	4.206	ng	# 1

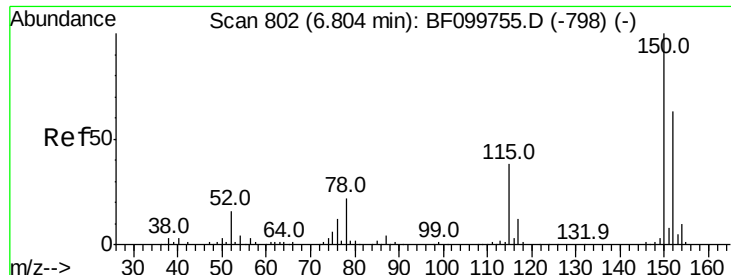
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 36 Sample Multiplier: 1

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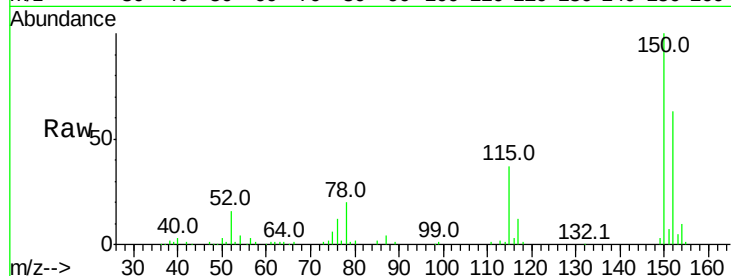


#1

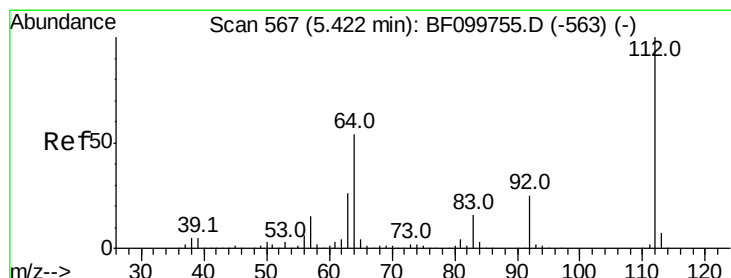
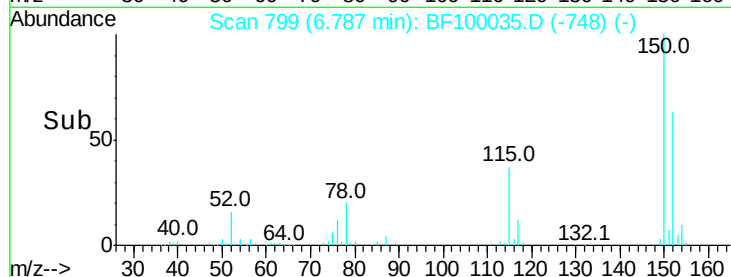
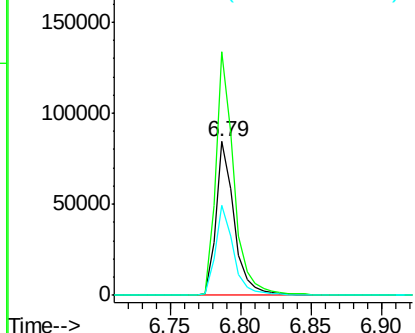
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75809
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.8 50.1 75.1



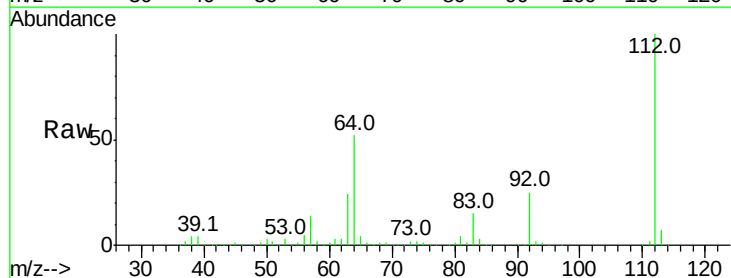
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



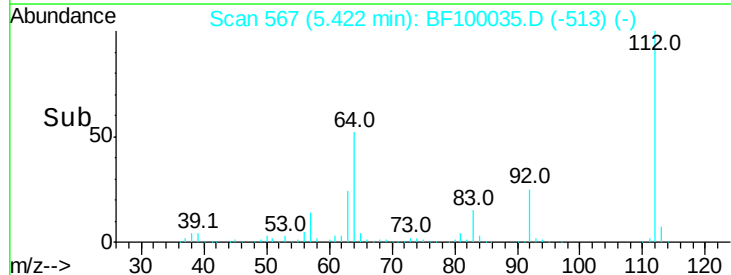
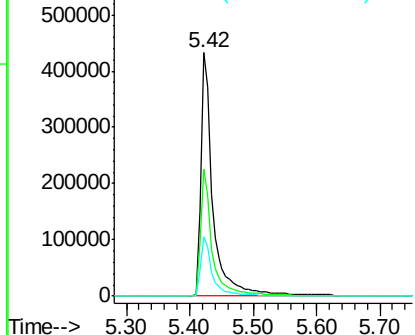
#5

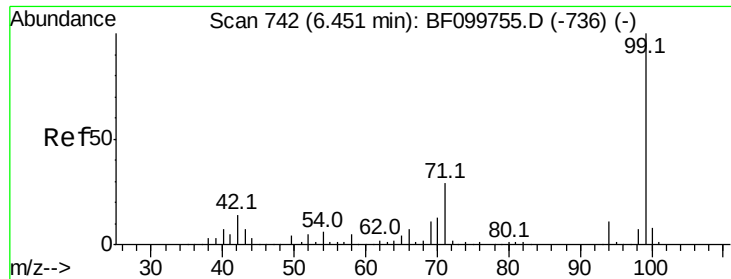
2-Fluorophenol
Concen: 117.866 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:112 Resp: 569141
Ion Ratio Lower Upper
112 100
64 52.4 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: 108.983 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100035.D

Acq: 1 Nov 2017 8:35

Instrument :

BNA_F

ClientSampleId :

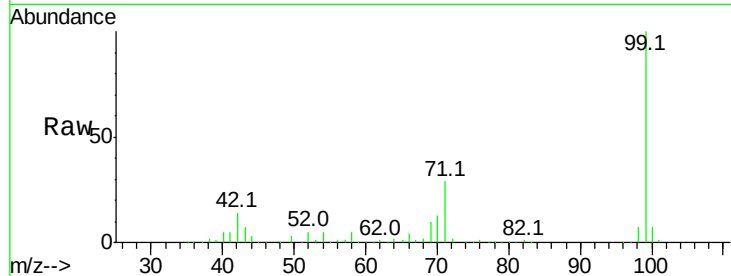
Tot Ion: 99 Resp: 623979

Ion Ratio Lower Upper

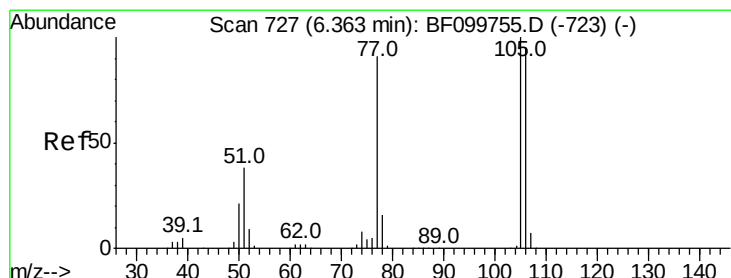
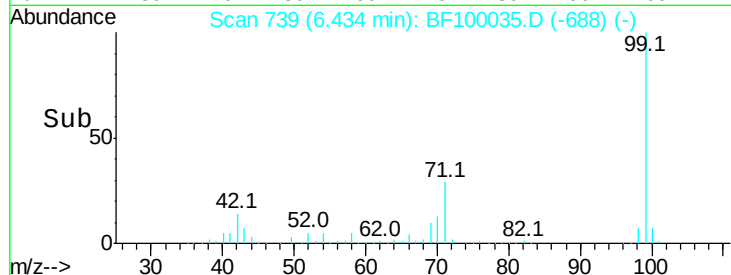
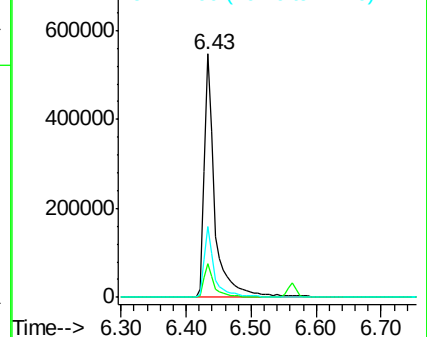
99 100

42 13.6 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: 3.009 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100035.D

Acq: 1 Nov 2017 8:35

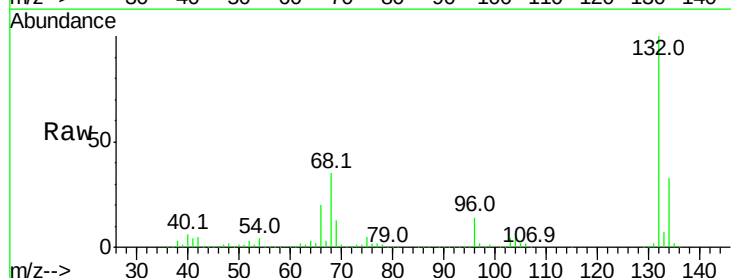
Tgt Ion: 77 Resp: 10295

Ion Ratio Lower Upper

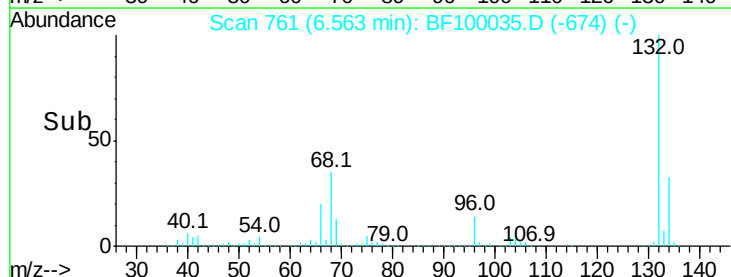
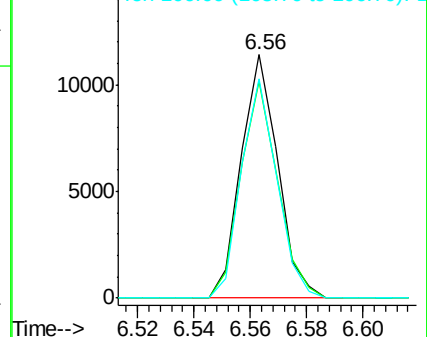
77 100

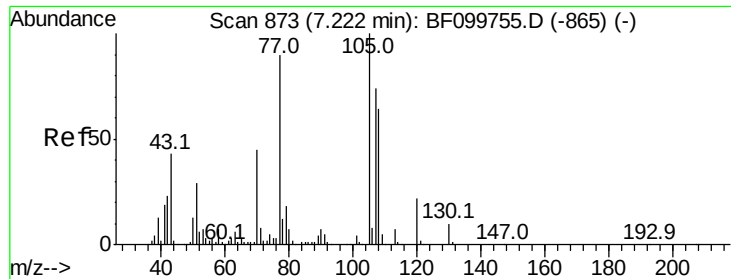
105 89.2 81.1 121.1

106 90.2 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

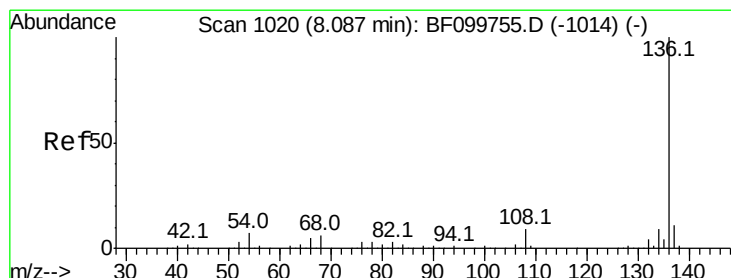
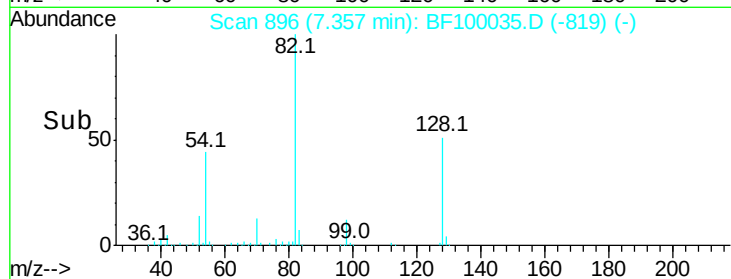
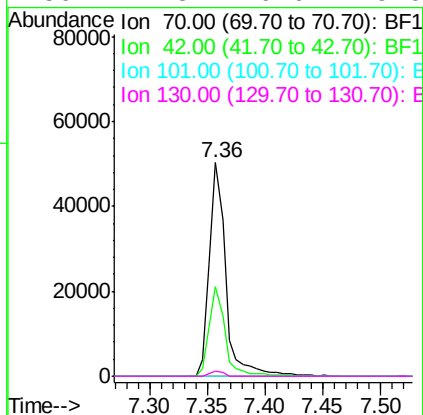
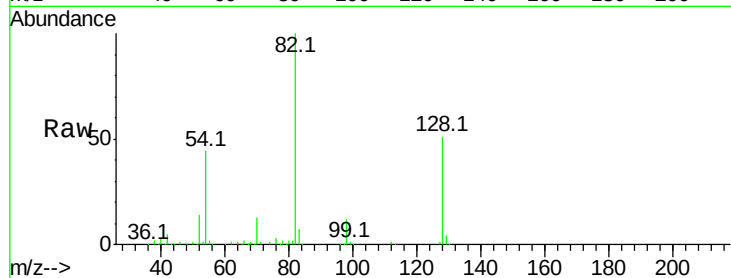




#19
n-Nitroso-di-n-propylamine
Concen: 14.993 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

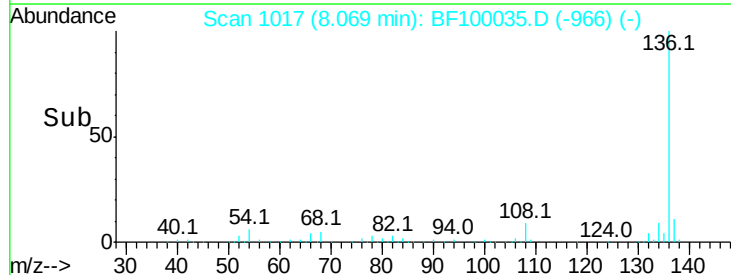
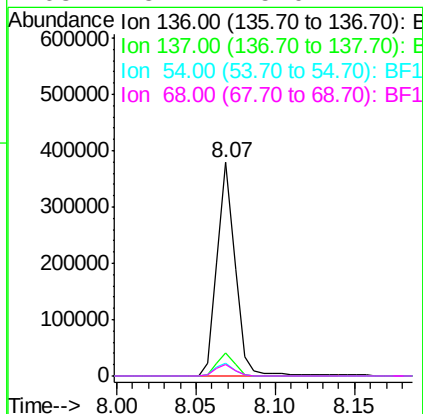
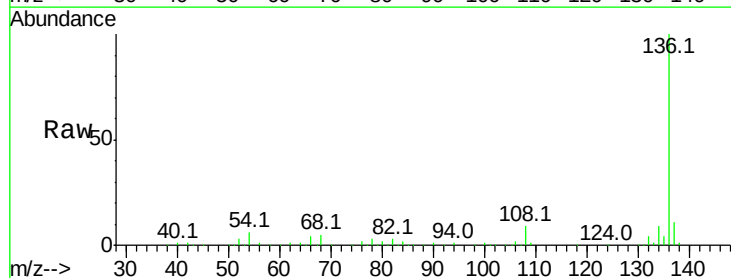
Instrument :
BNA_F
ClientSampleId :

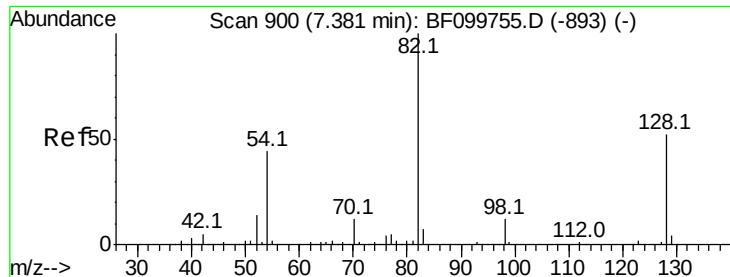
Tot Ion: 70 Resp: 50307
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion: 136 Resp: 303955
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.0 6.6 9.8#
68 5.4 5.0 7.4

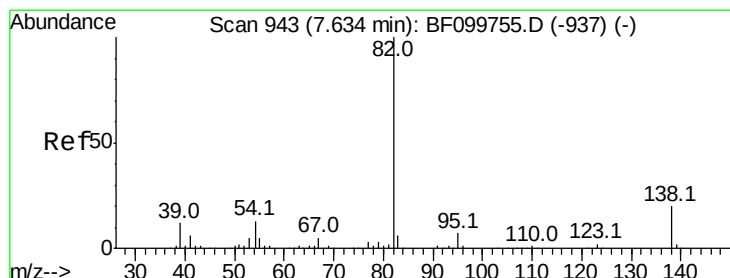
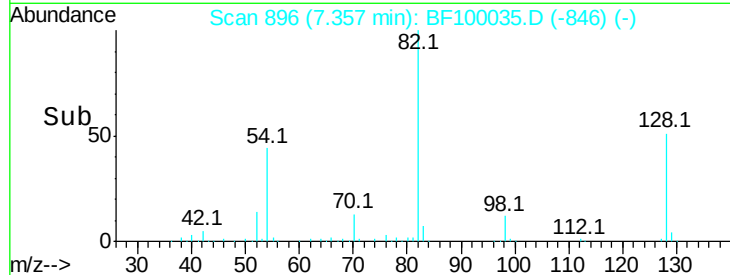
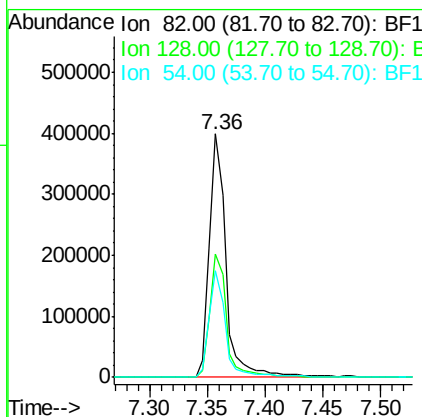
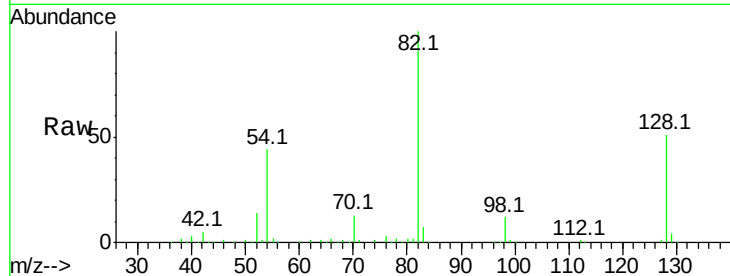




#23
 Nitrobenzene-d5
 Concen: 85.202 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

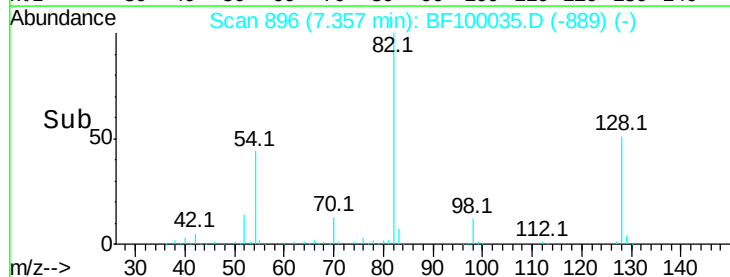
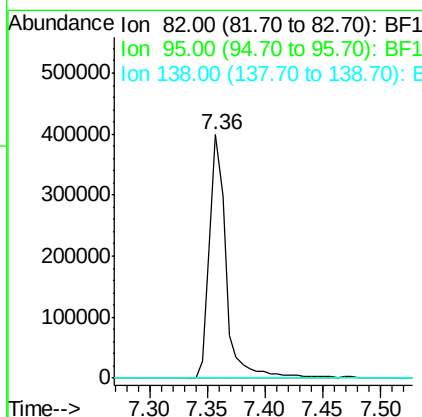
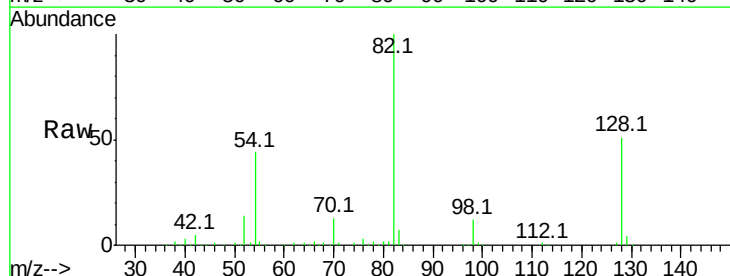
Instrument :
 BNA_F
 ClientSampled :

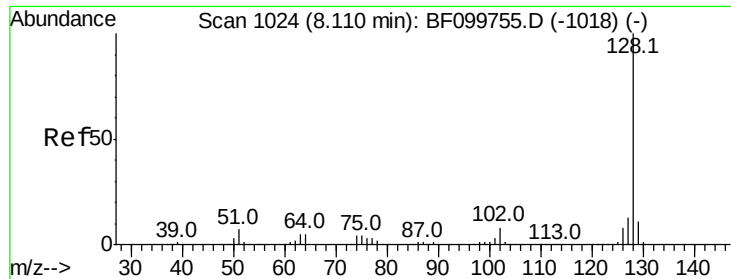
Tot Ion: 82 Resp: 402260
 Ion Ratio Lower Upper
 82 100
 128 50.7 36.1 54.1
 54 44.0 41.4 62.2



#25
 Isophorone
 Concen: 46.954 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion: 82 Resp: 402260
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

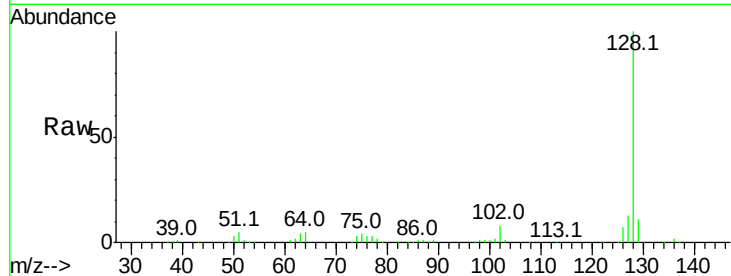




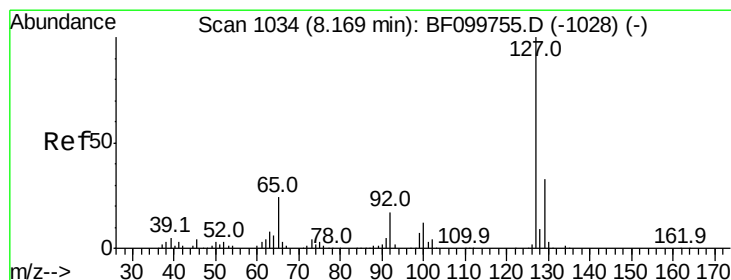
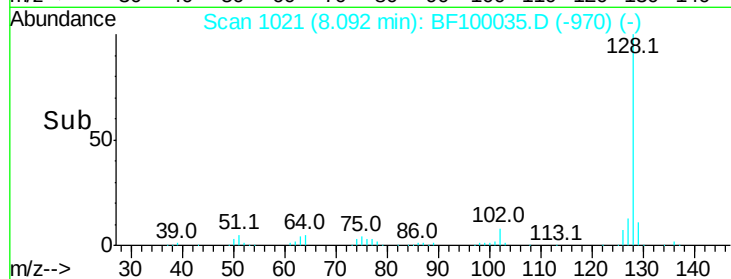
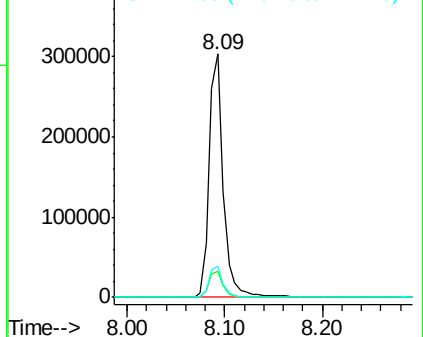
#31
Naphthalene
Concen: 20.818 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.7	10.9	16.3



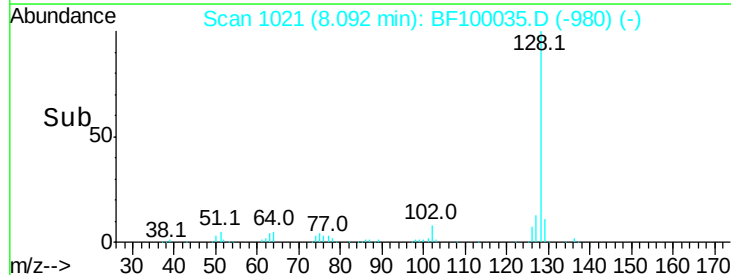
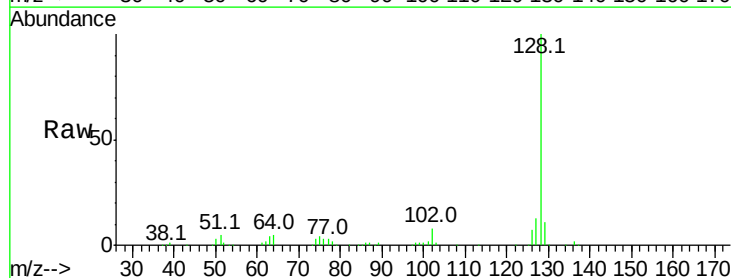
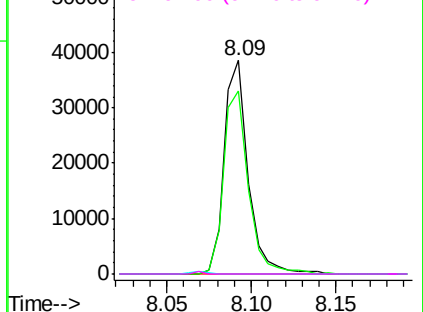
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

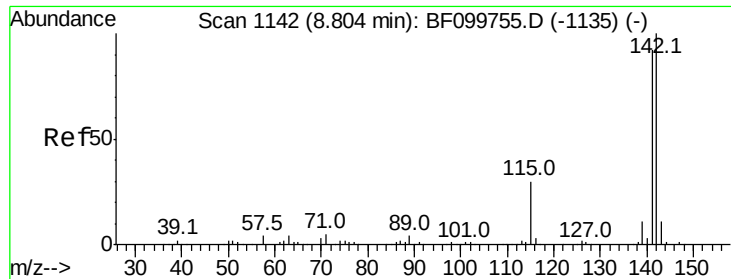


#33
4-Chloroaniline
Concen: 6.273 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion	Ratio	Lower	Upper
127	100		
129	85.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

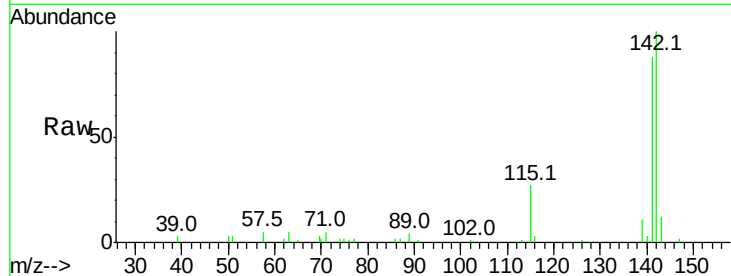




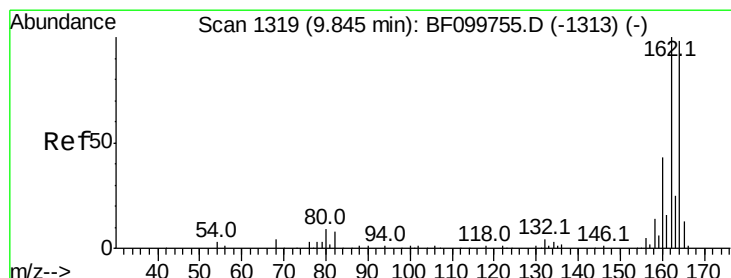
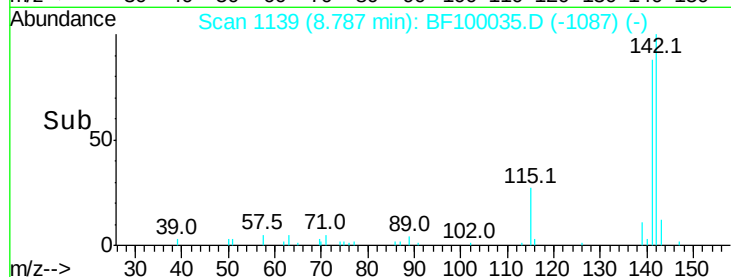
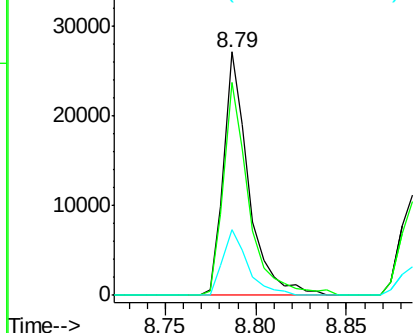
#37
 2-Methylnaphthalene
 Concen: 2.665 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 26207
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.8 106.2
 115 27.1 26.1 39.1

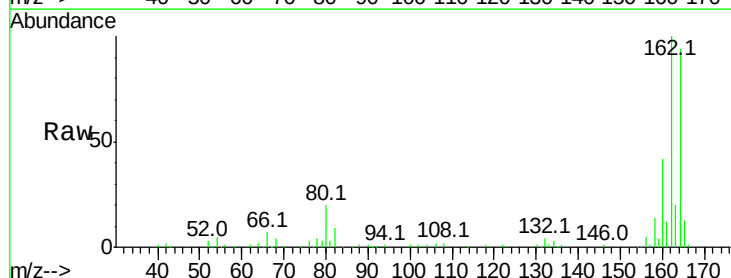


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

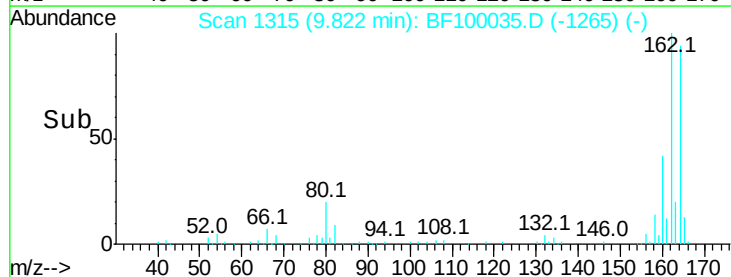
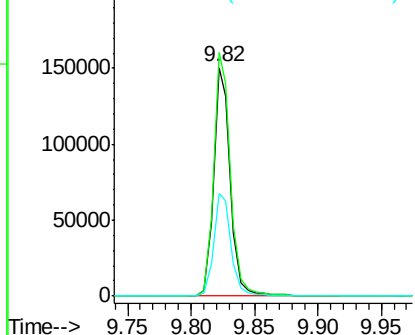


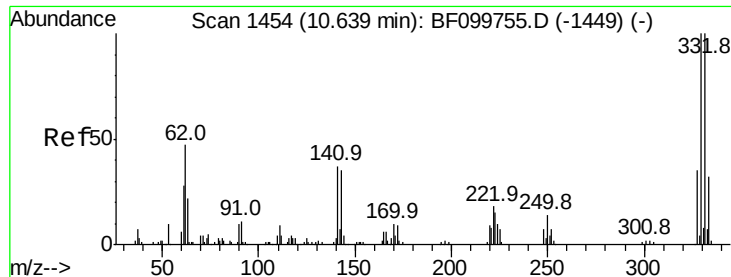
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:164 Resp: 140183
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 44.8 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

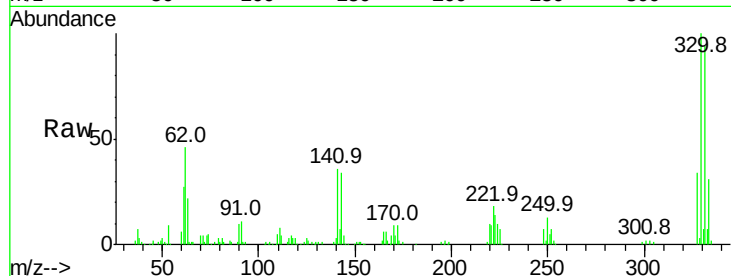




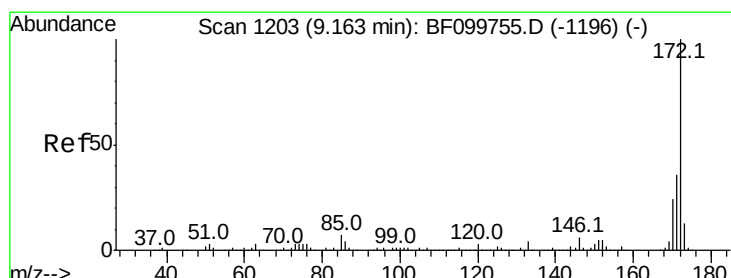
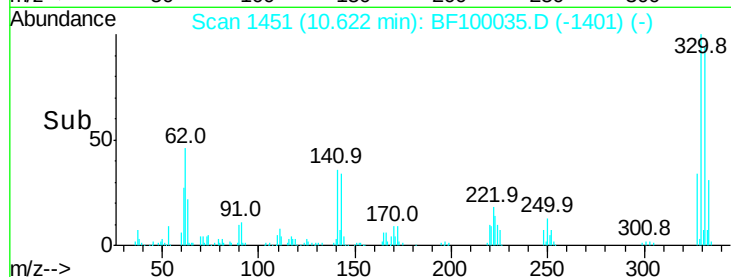
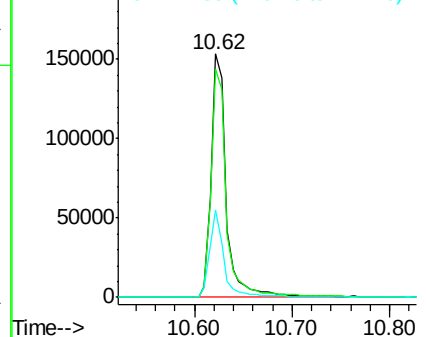
#41
 2,4,6-Tribromophenol
 Concen: 129.676 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 165662
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.0 29.9 44.9

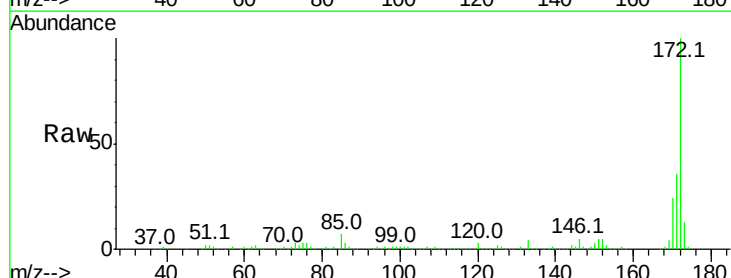


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

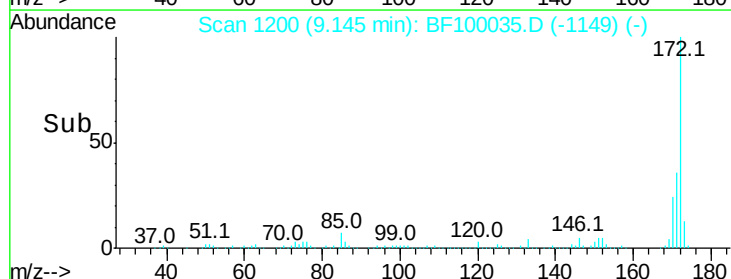
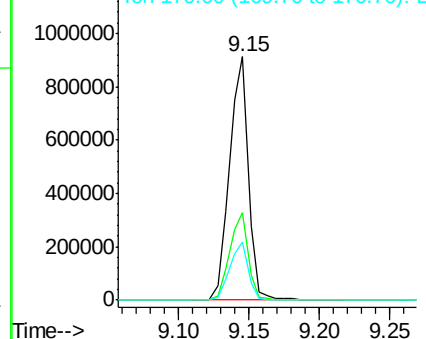


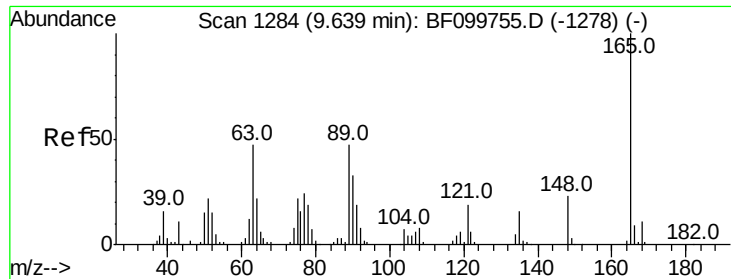
#44
 2-Fluorobiphenyl
 Concen: 93.705 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:172 Resp: 851412
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 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

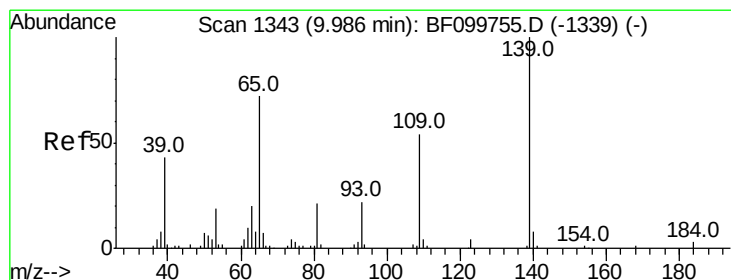
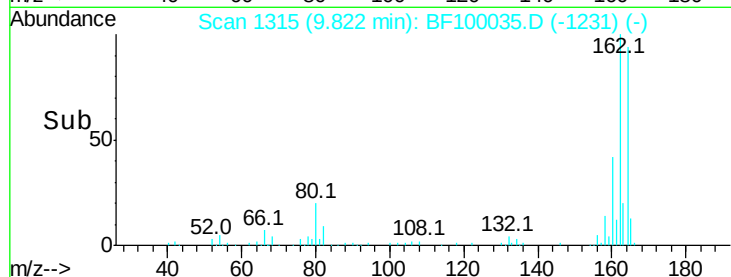
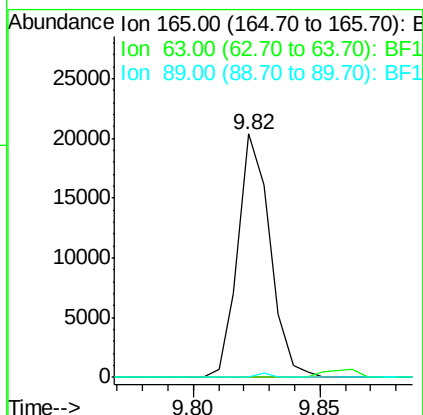
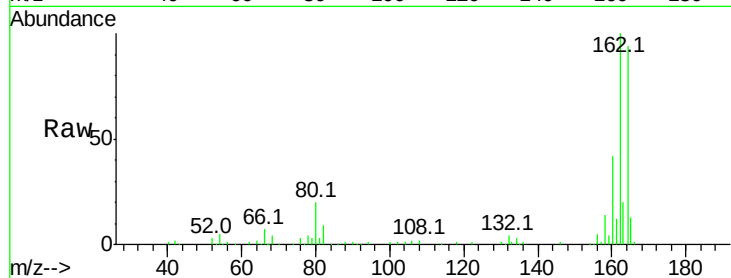




#50
2,6-Dinitrotoluene
Concen: 7.710 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

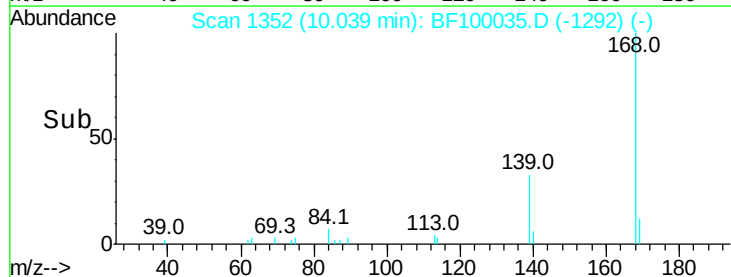
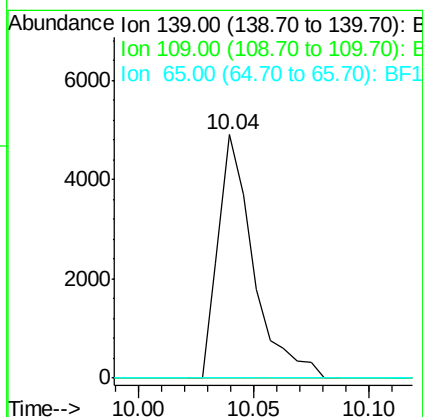
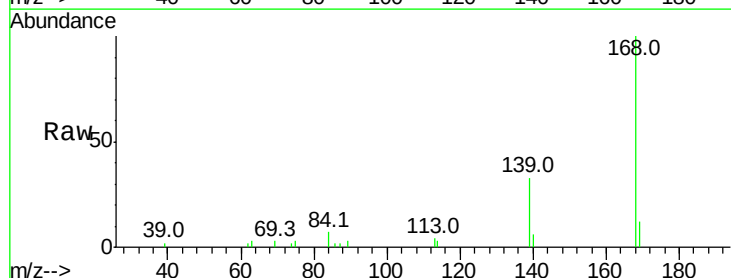
Instrument :
BNA_F
ClientSampleId :

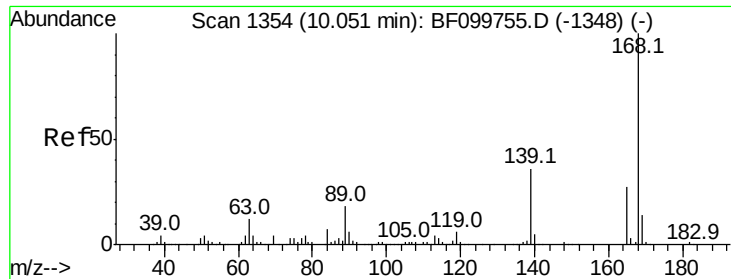
Tot Ion:165 Resp: 17993
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



#55
4-Nitrophenol
Concen: 3.621 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:139 Resp: 5202
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

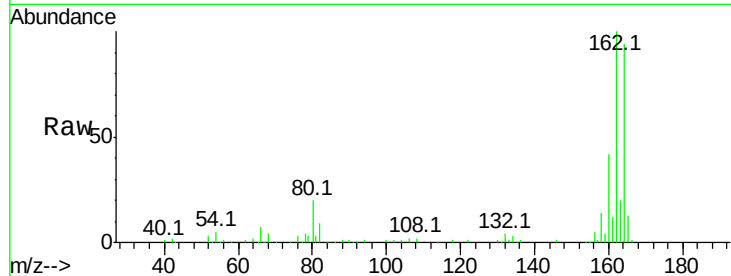




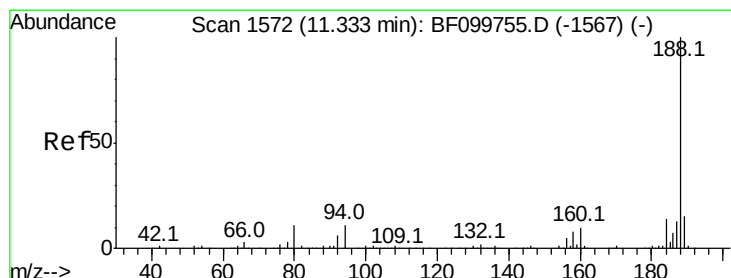
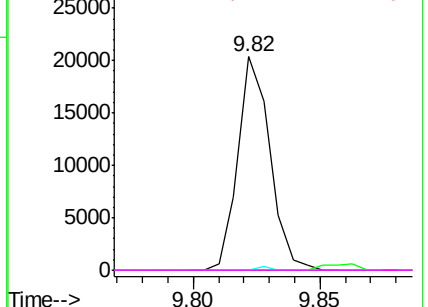
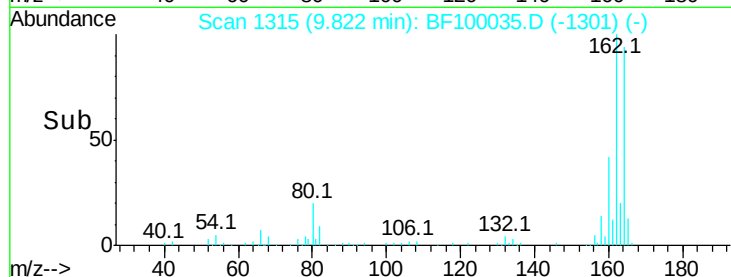
#56
 2,4-Dinitrotoluene
 Concen: 6.402 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17993
 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#

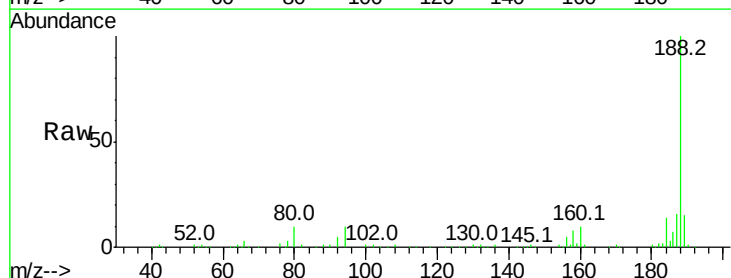


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

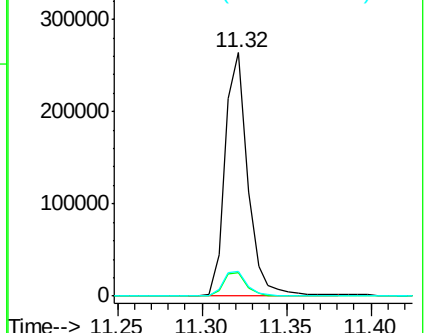
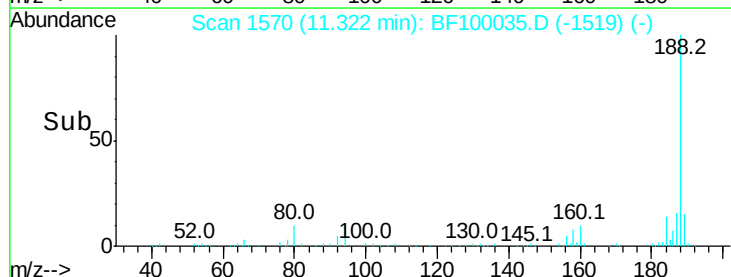


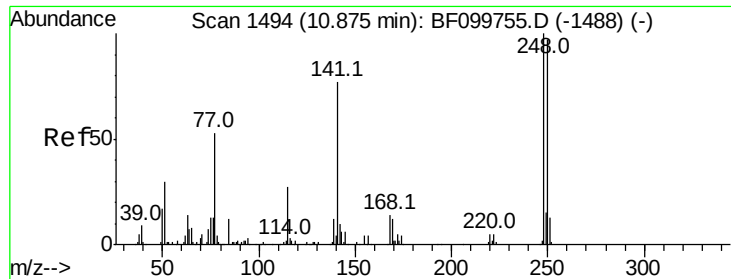
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:188 Resp: 247889
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.1 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

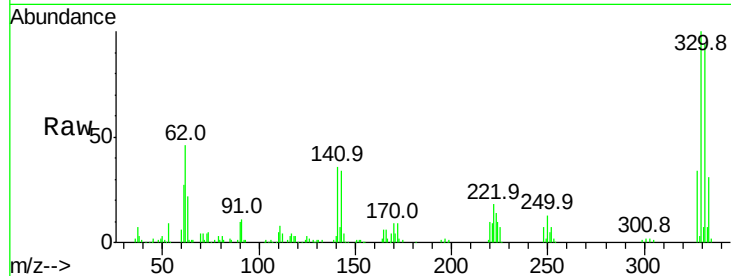




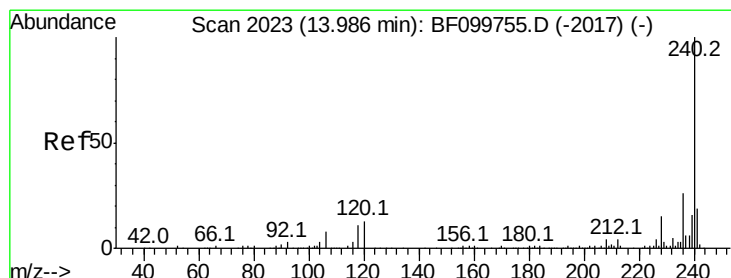
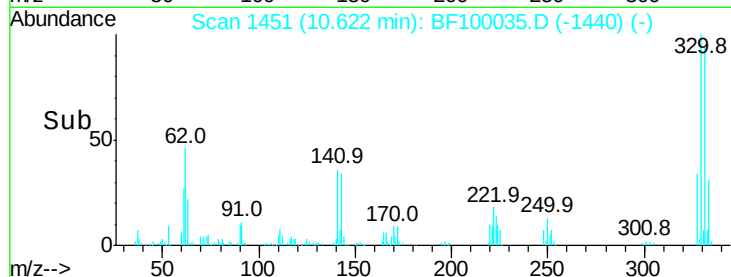
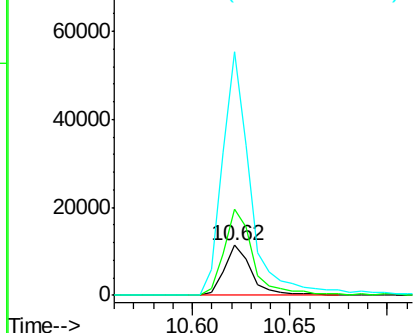
#66
 4-Bromophenyl-phenylether
 Concen: 4.206 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10977
 Ion Ratio Lower Upper
 248 100
 250 174.1 76.9 115.3#
 141 488.9 74.4 111.6#

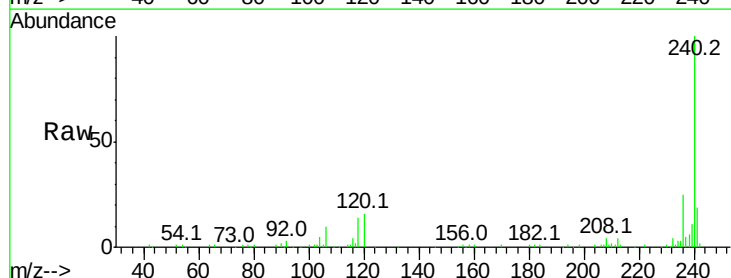


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

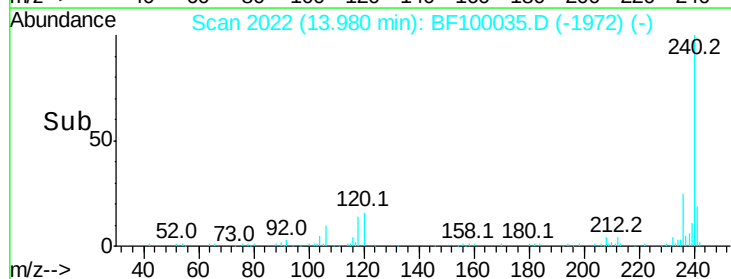
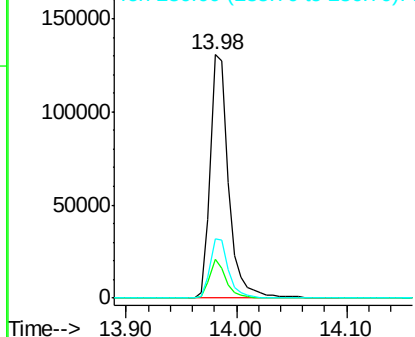


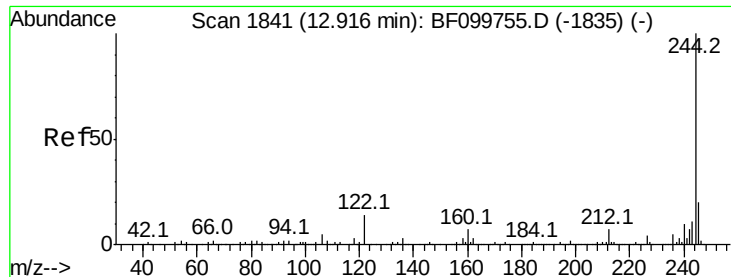
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:240 Resp: 148477
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.5 14.3#
 236 24.6 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

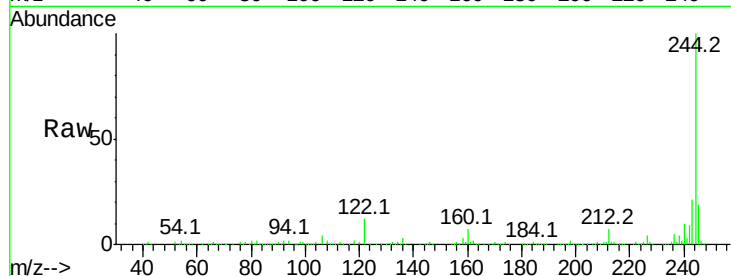




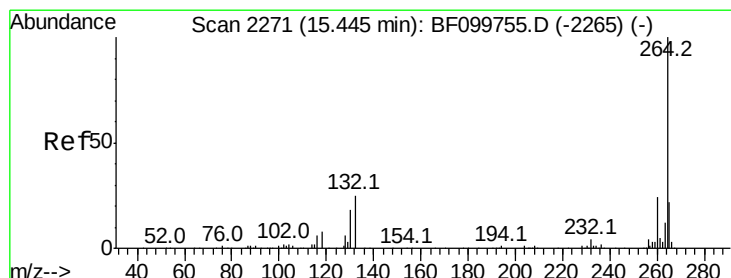
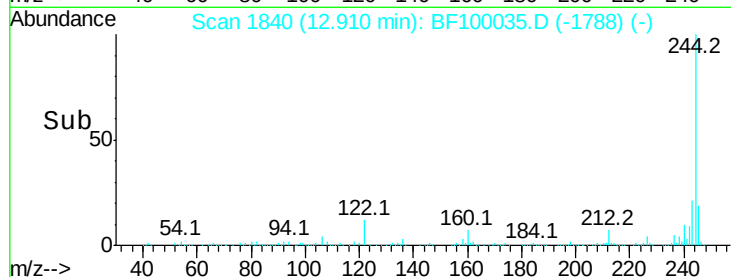
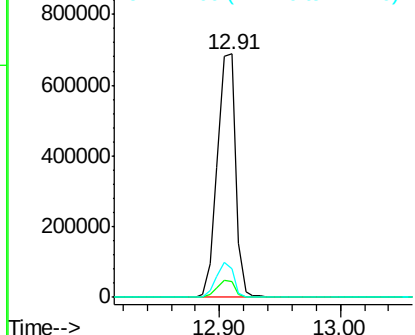
#78
 Terphenyl-d14
 Concen: 105.332 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 715642
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.8 11.0 16.4

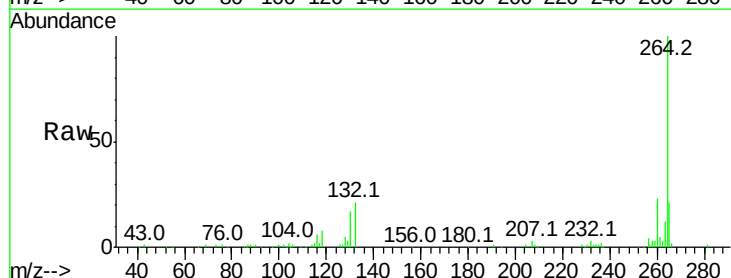


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:264 Resp: 137469
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.3 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

