

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100264.D
 Acq On : 6 Nov 2017 21:21
 Operator : SJ/JU
 Sample : I6339-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:20:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95207	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	390166	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	182967	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	332420	20.00	ng	0.00
75) Chrysene-d12	13.94	240	181289	20.00	ng	0.00
86) Perylene-d12	15.41	264	147484	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	712235	117.45	ng	0.02
7) Phenol-d6	6.42	99	781482	108.68	ng	0.00
23) Nitrobenzene-d5	7.33	82	520327	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	215049	128.97	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1051505	88.67	ng	0.00
78) Terphenyl-d14	12.87	244	878604	105.91	ng	0.00

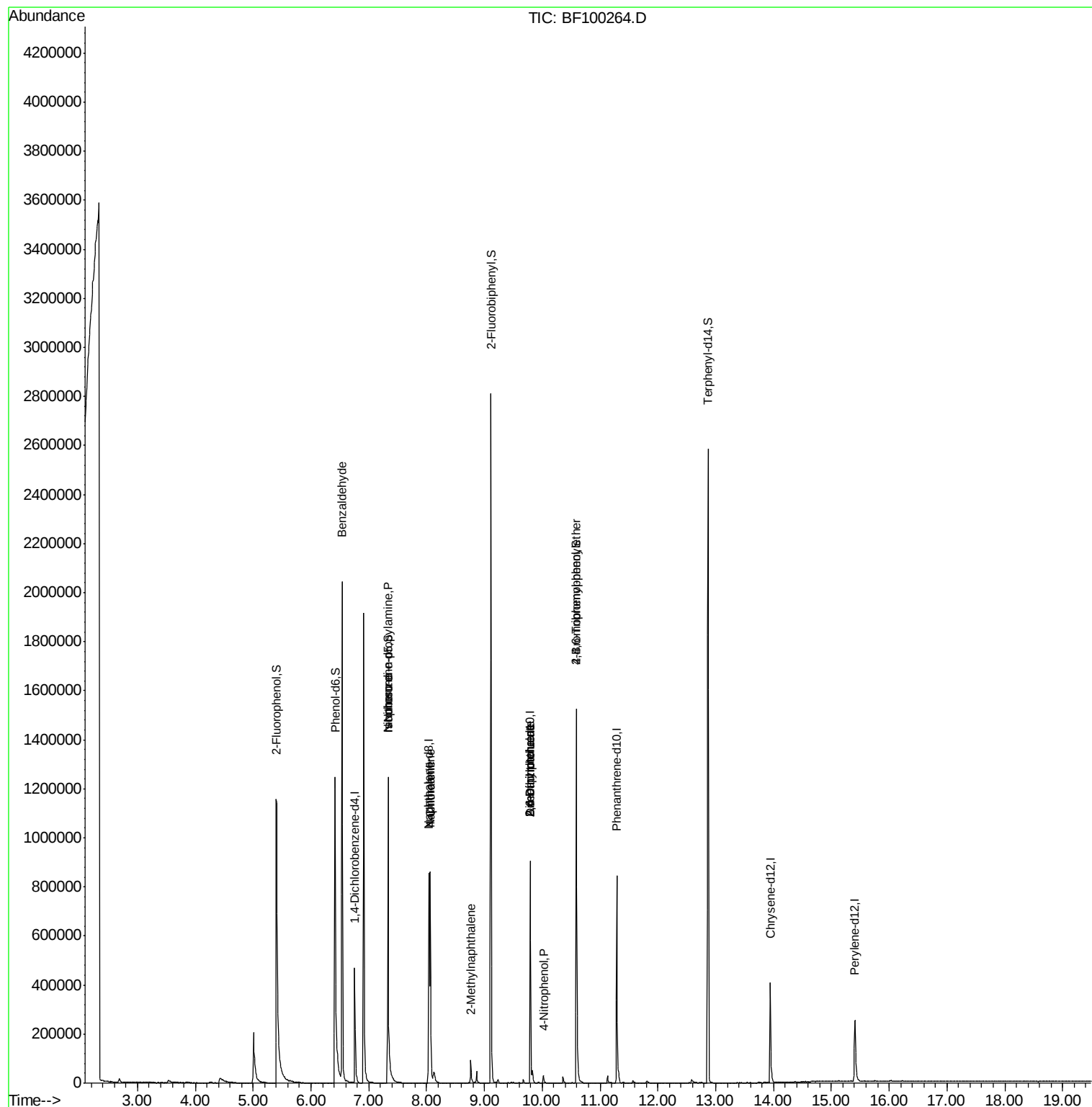
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	13181	3.068	ng	88
19) n-Nitroso-di-n-propylamine	7.33	70	63516	15.073	ng	# 70
25) Isophorone	7.33	82	520324	47.316	ng	# 64
31) Naphthalene	8.06	128	545323	28.955	ng	99
33) 4-Chloroaniline	8.06	127	70875	9.113	ng	# 34
37) 2-Methylnaphthalene	8.76	142	35577	2.819	ng	91
49) Dimethylphthalate	9.79	163	41527	2.866	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	22895	7.516	ng	# 25
55) 4-Nitrophenol	10.02	139	7110	3.791	ng	# 9
56) 2,4-Dinitrotoluene	9.79	165	22895	6.241	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	14272	4.078	ng	# 1

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

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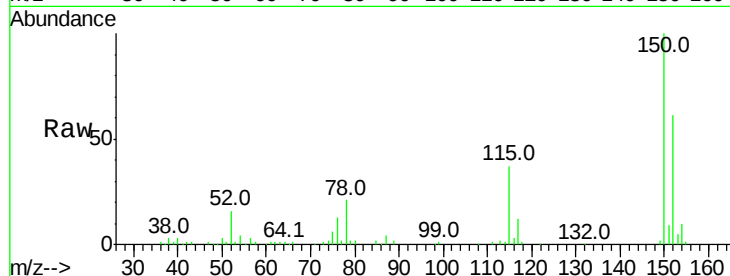


#1

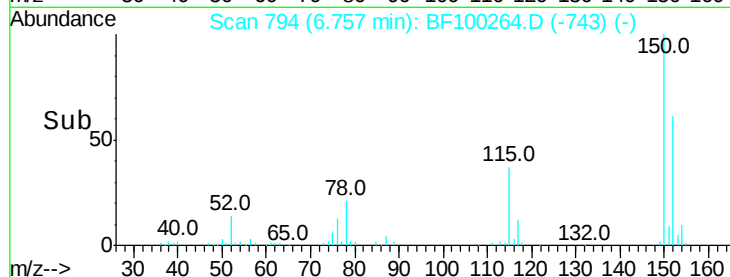
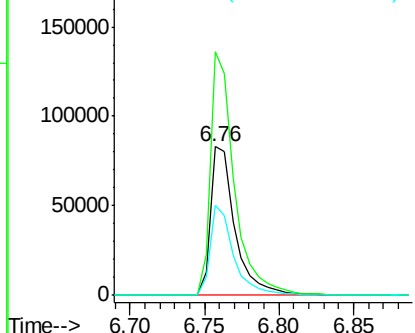
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95207
Ion Ratio Lower Upper
152 100
150 163.7 124.6 186.8
115 60.7 50.1 75.1



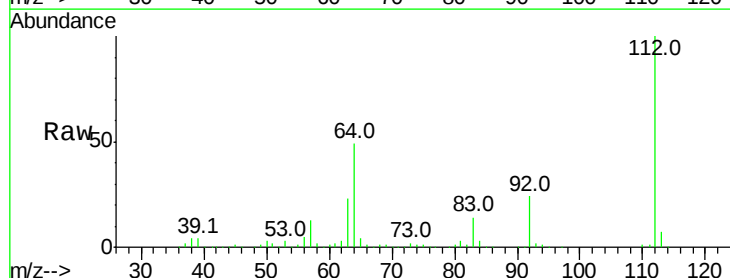
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



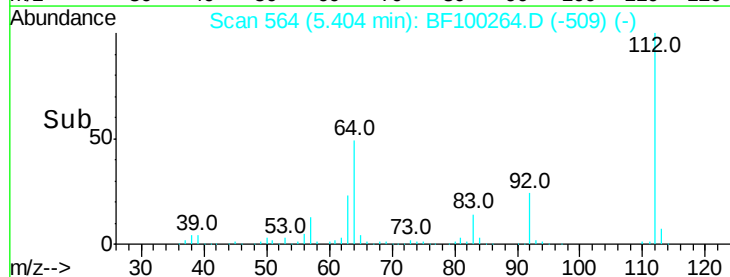
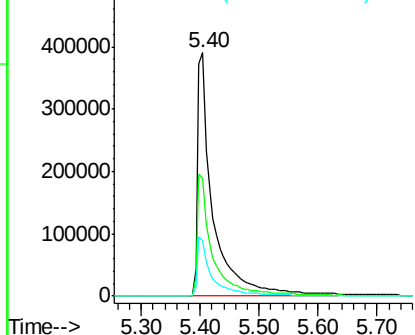
#5

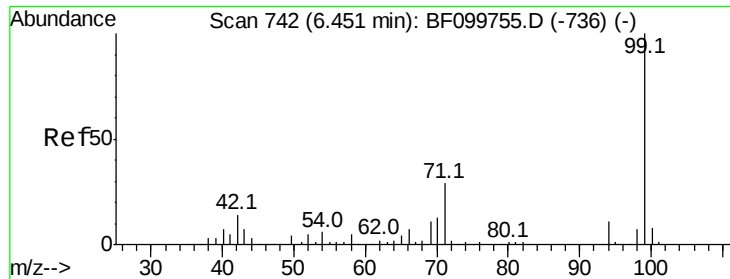
2-Fluorophenol
Concen: 117.448 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:112 Resp: 712235
Ion Ratio Lower Upper
112 100
64 48.6 47.9 71.9
63 22.7 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: 108.682 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100264.D

Acq: 6 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

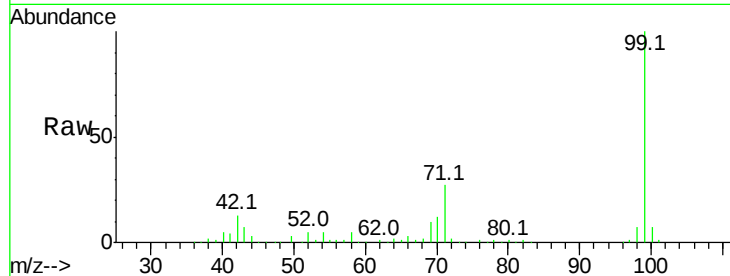
Tot Ion: 99 Resp: 781482

Ion Ratio Lower Upper

99 100

42 12.6 14.5 21.7#

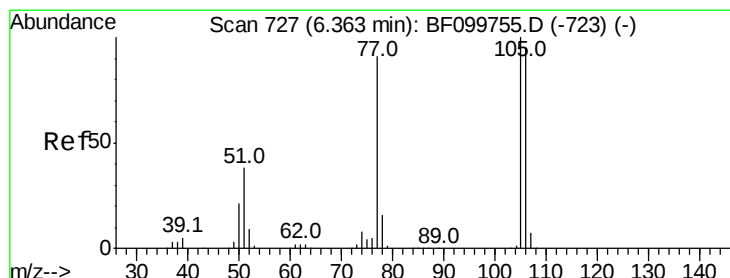
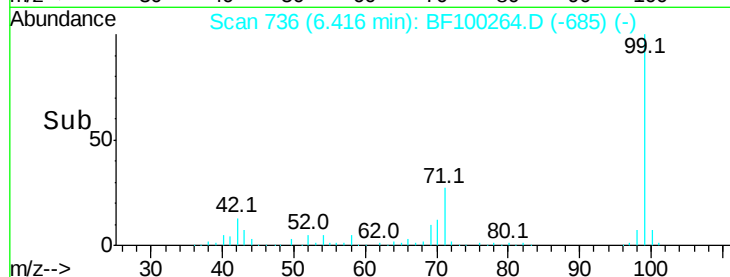
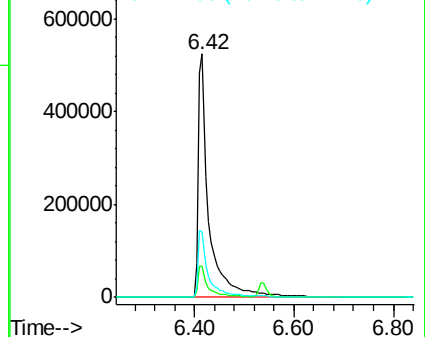
71 27.0 25.4 38.0



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: 3.068 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100264.D

Acq: 6 Nov 2017 21:21

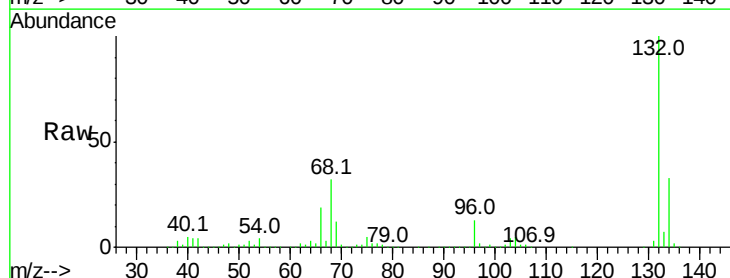
Tgt Ion: 77 Resp: 13181

Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

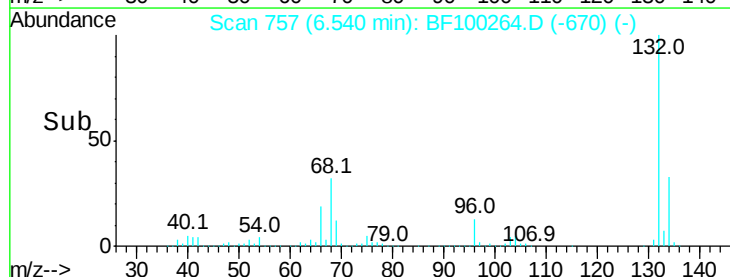
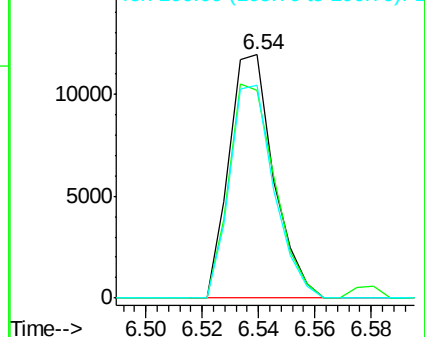
106 87.2 74.5 114.5

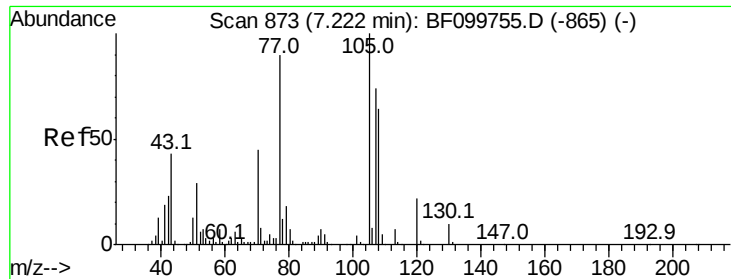


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

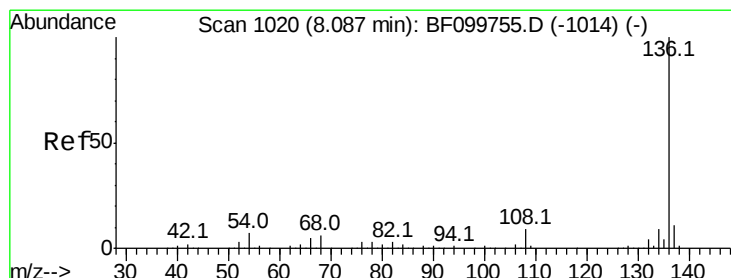
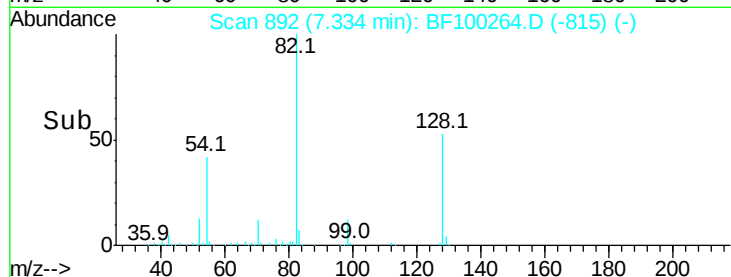
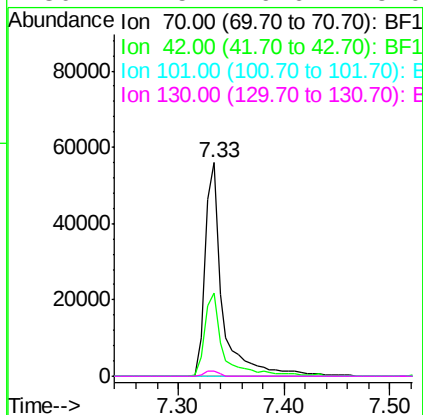
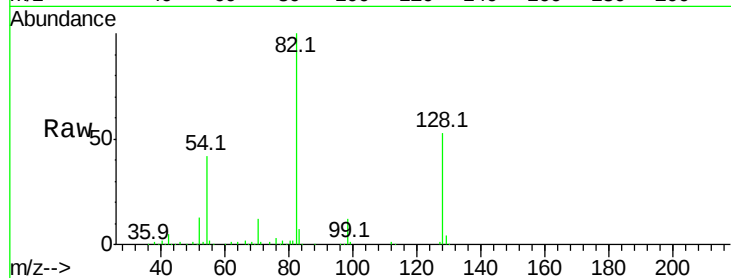




#19
n-Nitroso-di-n-propylamine
Concen: 15.073 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

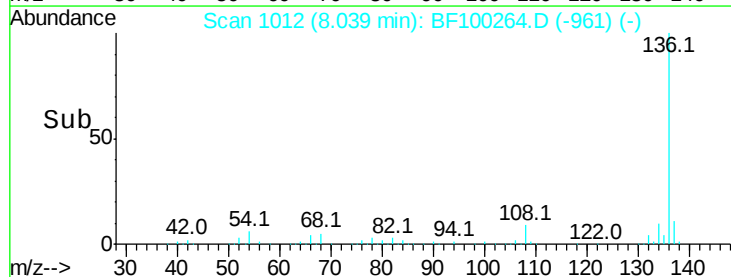
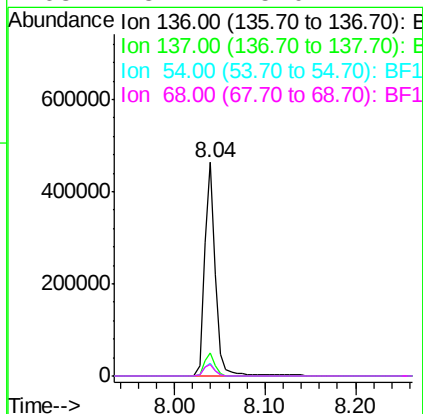
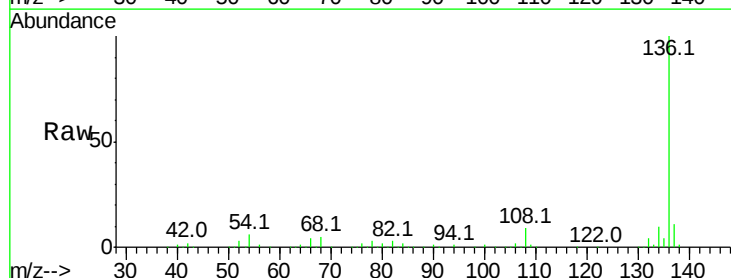
Instrument :
BNA_F
ClientSampleId :

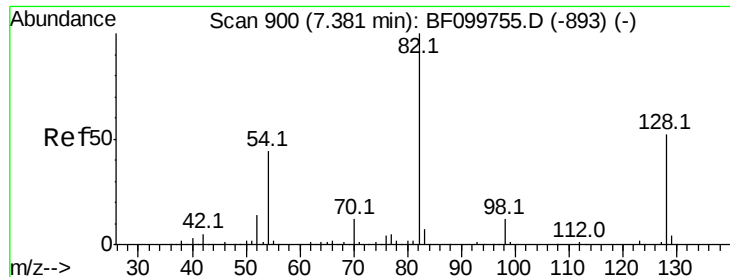
Tot Ion: 70 Resp: 63516
Ion Ratio Lower Upper
70 100
42 38.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:136 Resp: 390166
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.9 6.6 9.8#
68 5.4 5.0 7.4

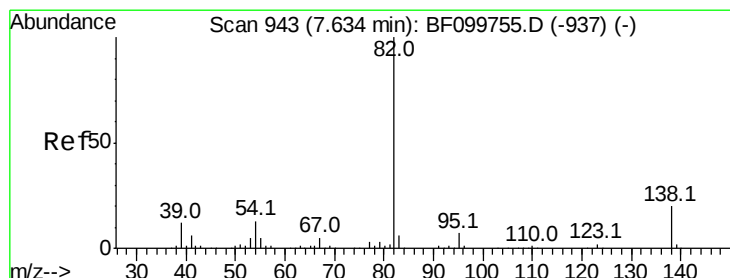
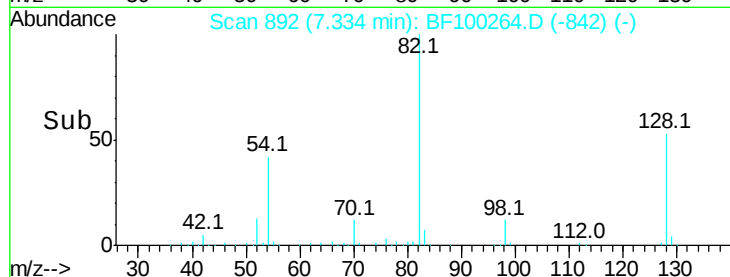
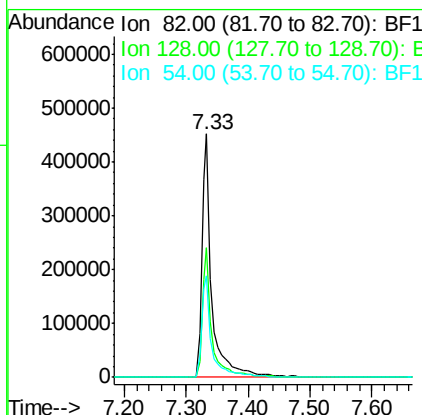
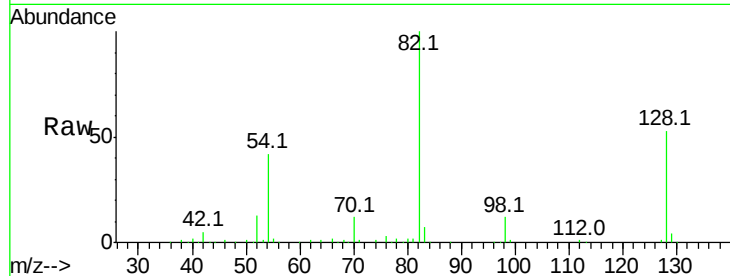




#23
 Nitrobenzene-d5
 Concen: 85.858 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

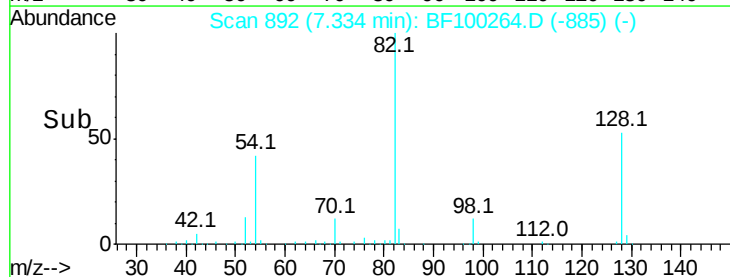
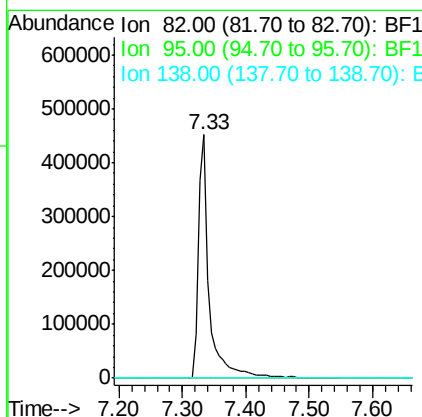
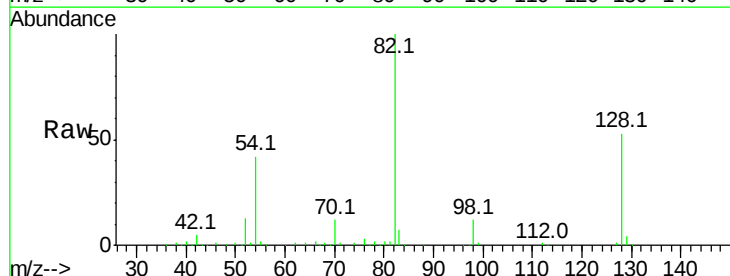
Instrument :
 BNA_F
 ClientSampled :

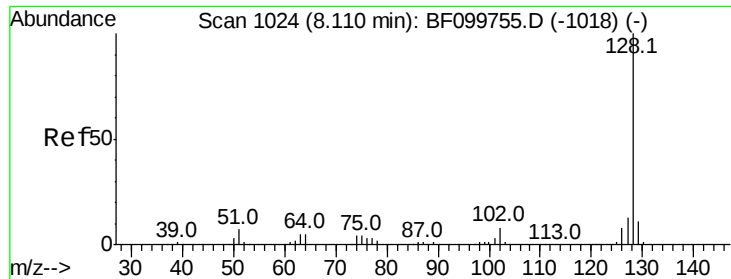
Tot Ion	82	Resp	520327
Ion Ratio	100	Lower	Upper
128	53.1	36.1	54.1
54	41.7	41.4	62.2



#25
 Isophorone
 Concen: 47.316 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

Tgt Ion	82	Resp	520324
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

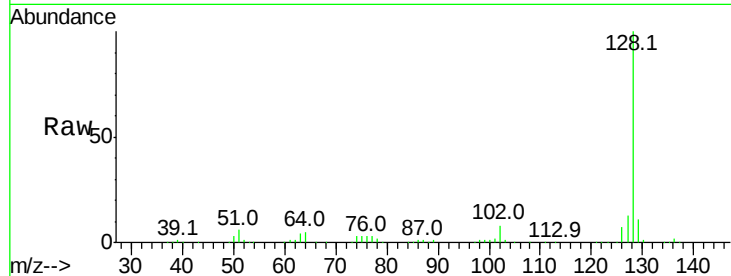




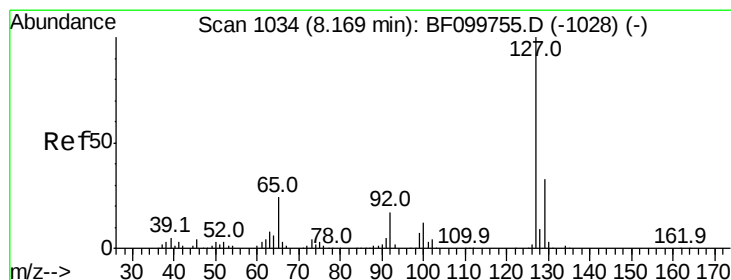
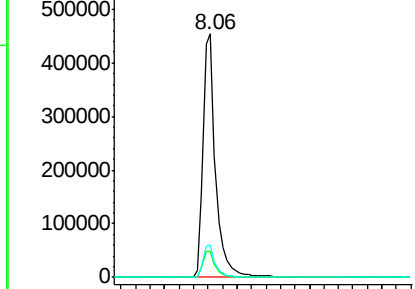
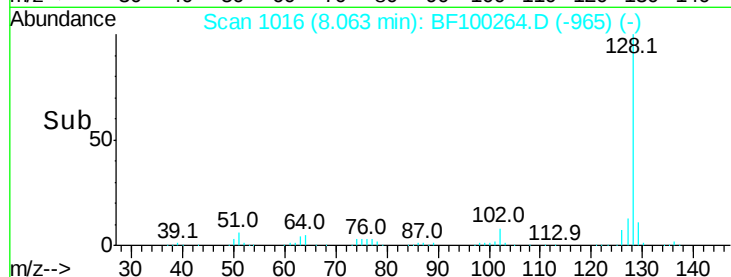
#31
Naphthalene
Concen: 28.955 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 545323
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3

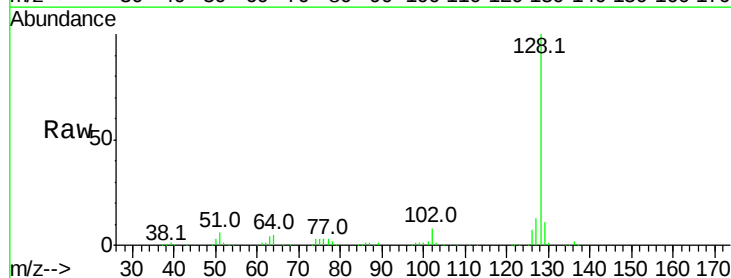


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

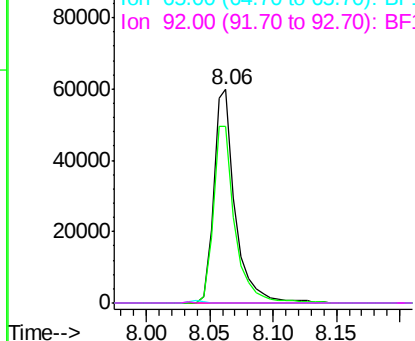
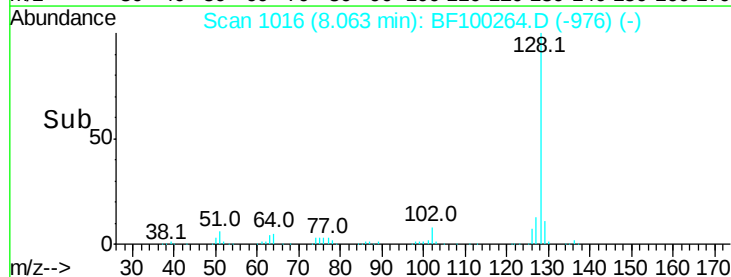


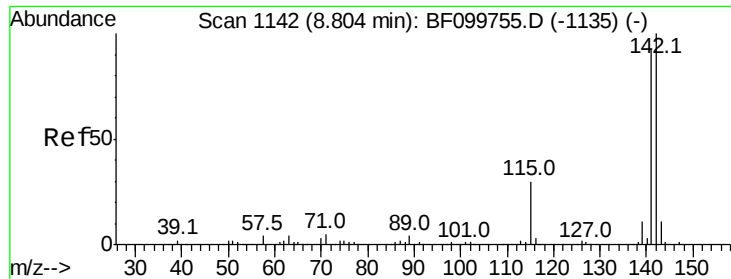
#33
4-Chloroaniline
Concen: 9.113 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.06 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:127 Resp: 70875
Ion Ratio Lower Upper
127 100
129 83.0 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

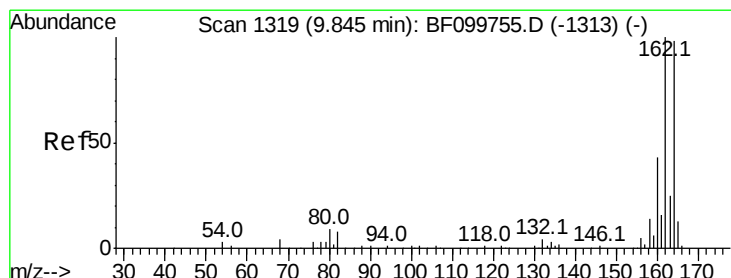
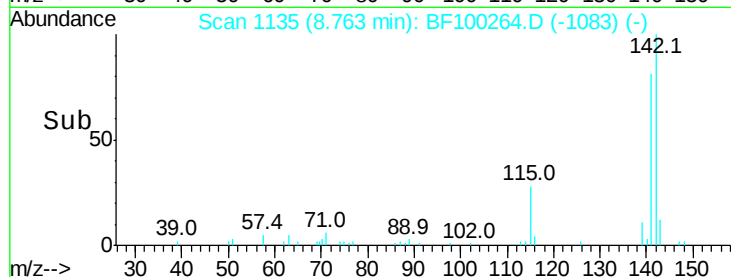
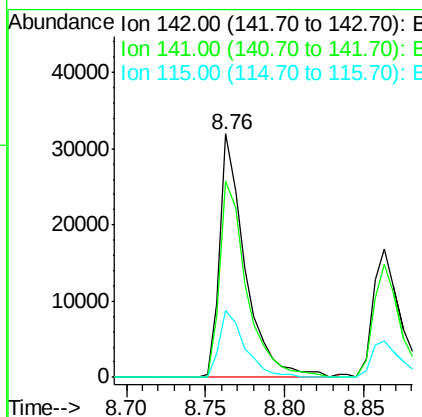
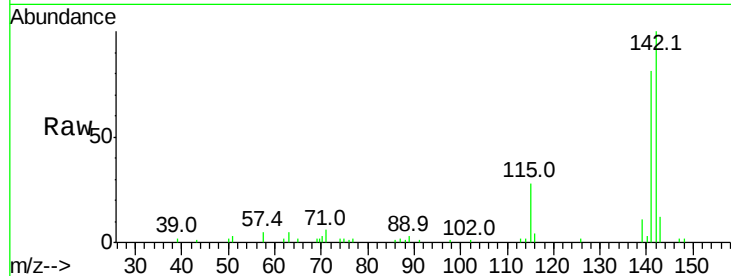




#37
 2-Methylnaphthalene
 Concen: 2.819 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

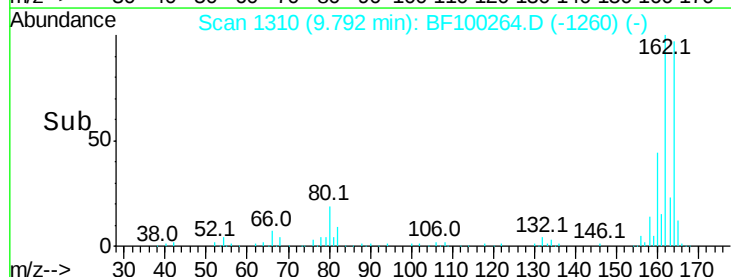
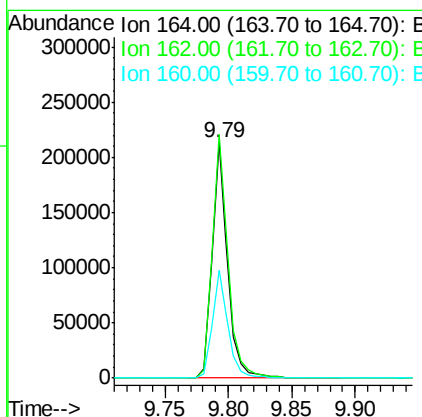
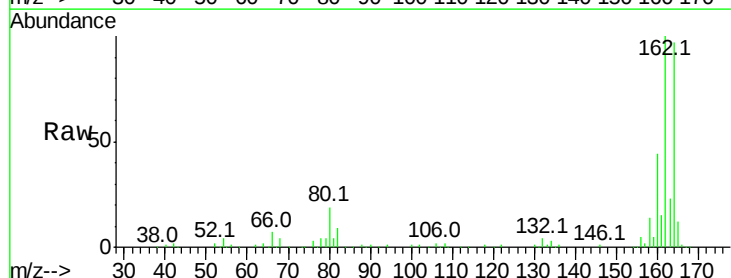
Instrument :
 BNA_F
 ClientSampleId :

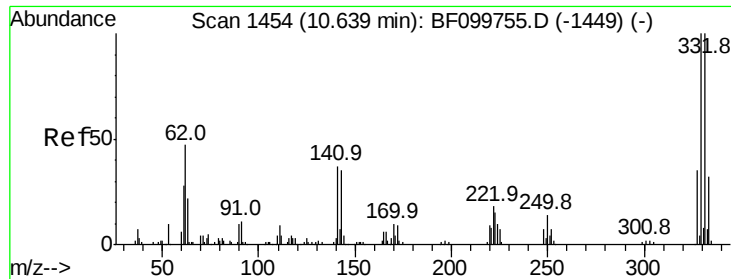
Tot Ion:142 Resp: 35577
 Ion Ratio Lower Upper
 142 100
 141 80.6 70.8 106.2
 115 27.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

Tgt Ion:164 Resp: 182967
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 45.8 38.3 57.5

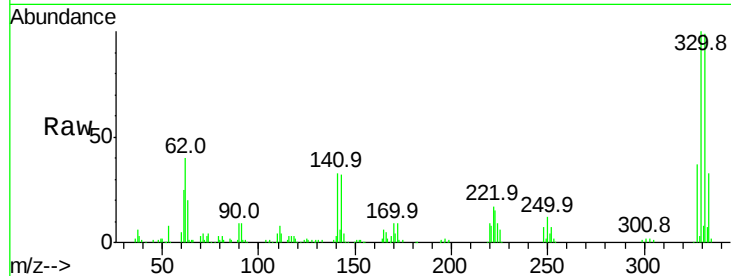




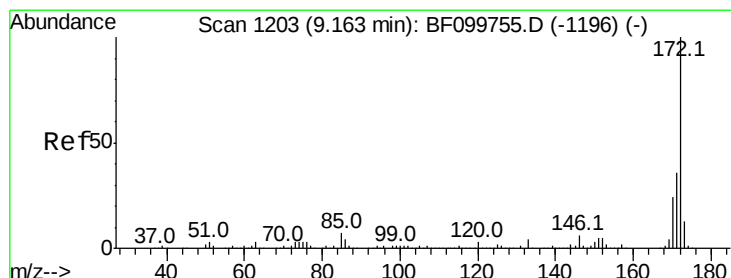
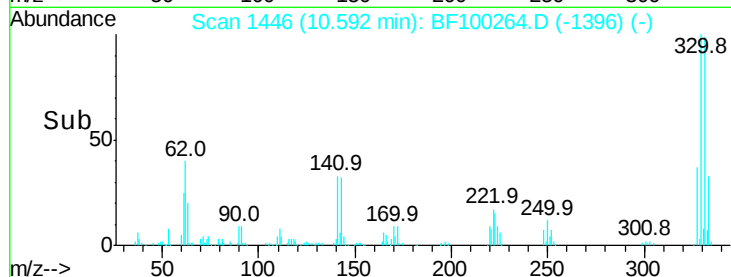
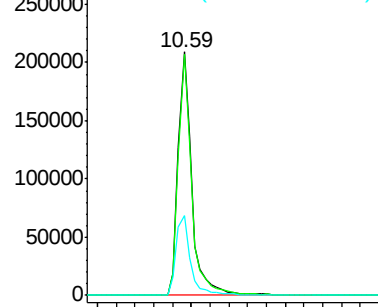
#41
 2,4,6-Tribromophenol
 Concen: 128.972 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 215049
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 34.4 29.9 44.9

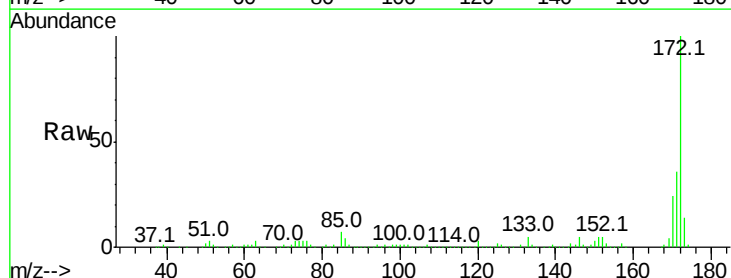


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

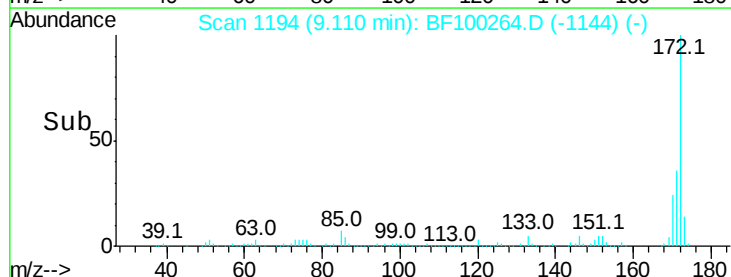
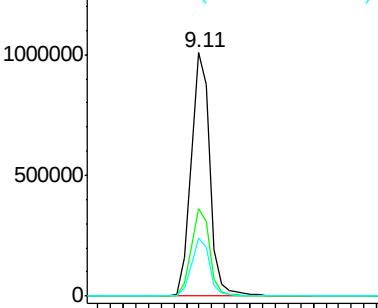


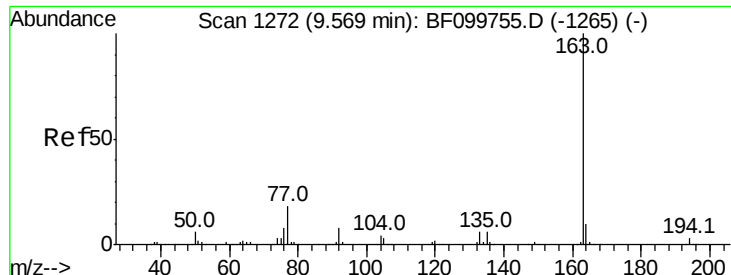
#44
 2-Fluorobiphenyl
 Concen: 88.666 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

Tgt Ion:172 Resp: 1051505
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 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

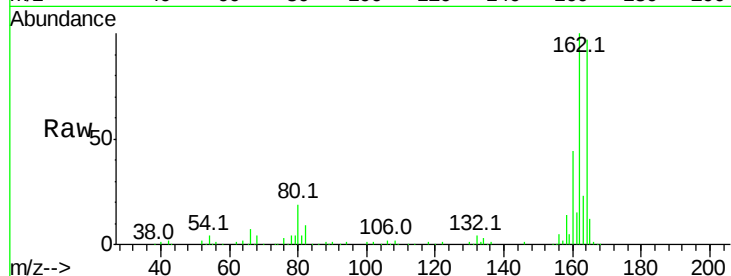




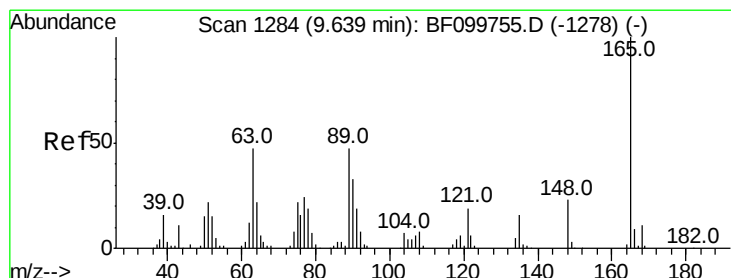
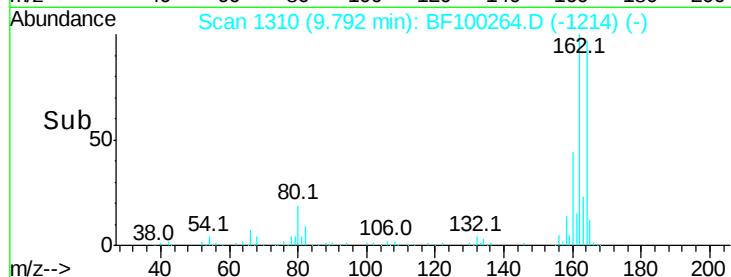
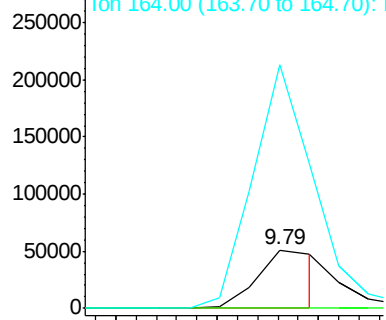
#49
Dimethylphthalate
Concen: 2.866 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 41527
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 416.8 8.2 12.2#

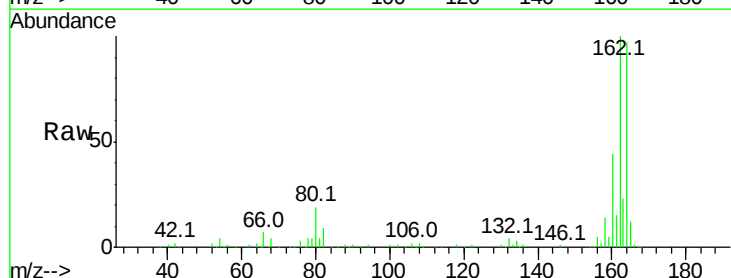


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

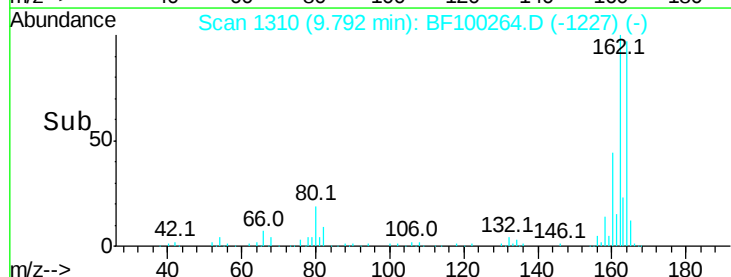
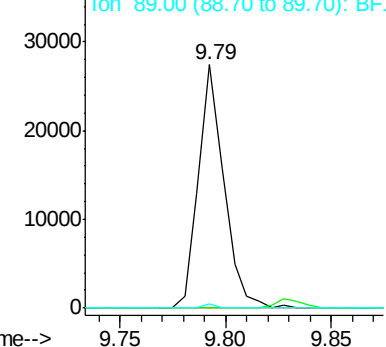


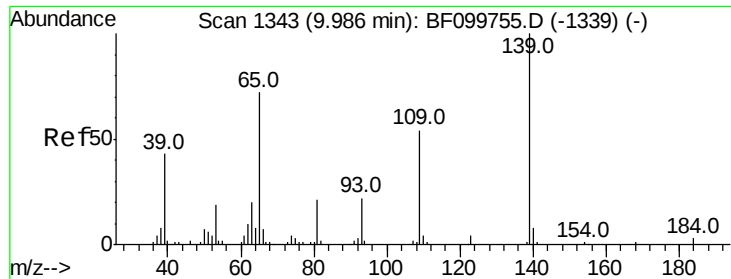
#50
2,6-Dinitrotoluene
Concen: 7.516 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:165 Resp: 22895
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.7 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





#55

4-Nitrophenol

Concen: 3.791 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.03 min

Lab File: BF100264.D

Acq: 6 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

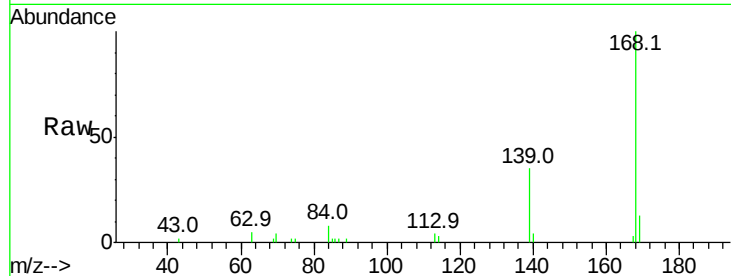
Tot Ion:139 Resp: 7110

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

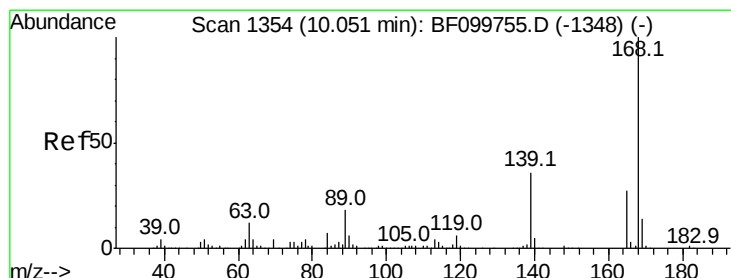
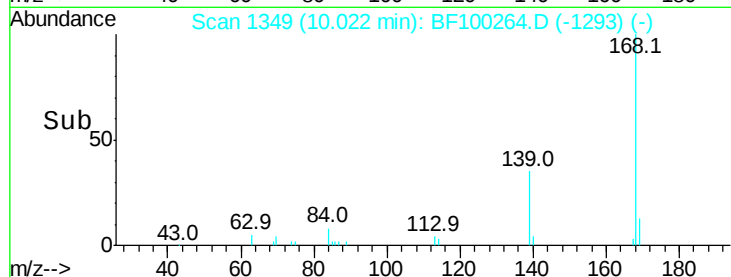
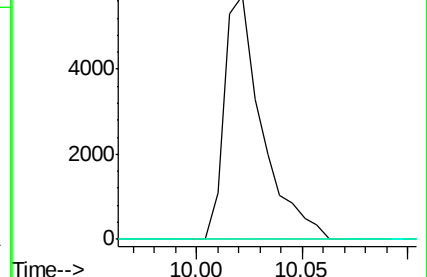
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.241 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.23 min

Lab File: BF100264.D

Acq: 6 Nov 2017 21:21

Tgt Ion:165 Resp: 22895

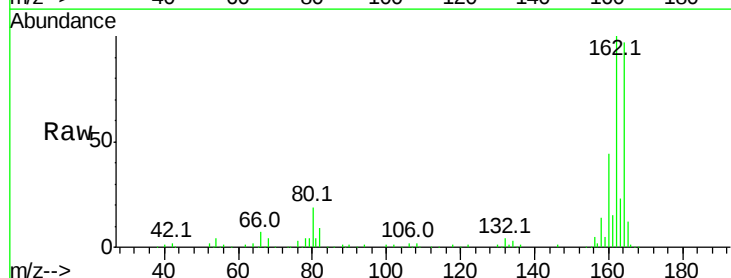
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

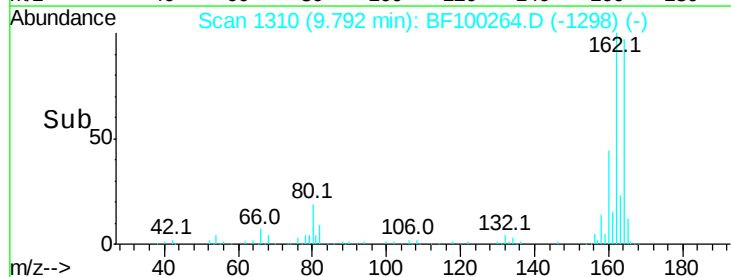
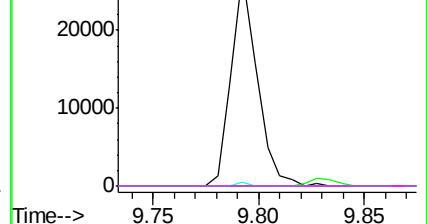


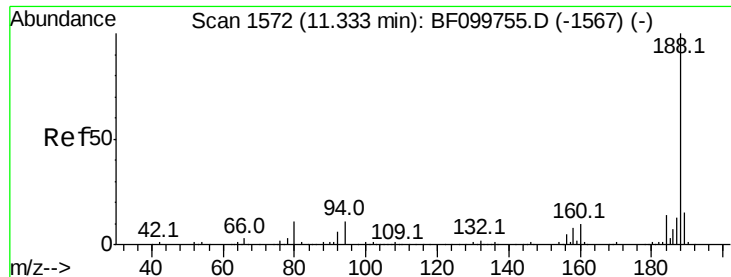
Abundance Ion 165.00 (164.70 to 165.70): E

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

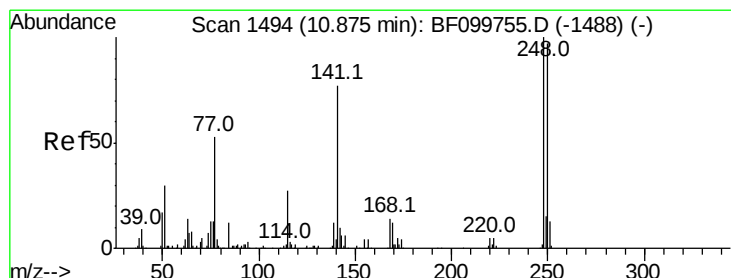
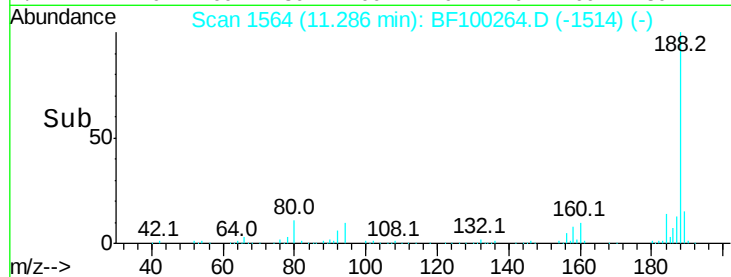
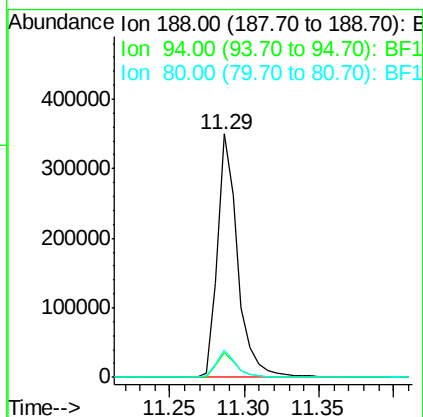
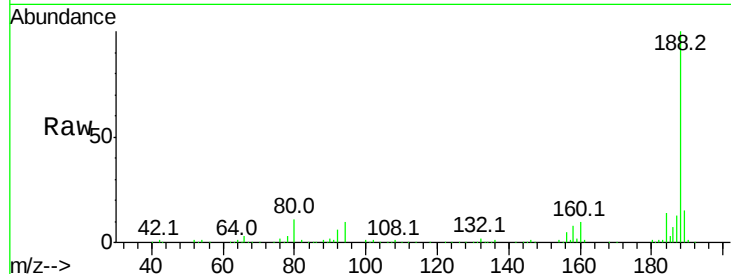




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

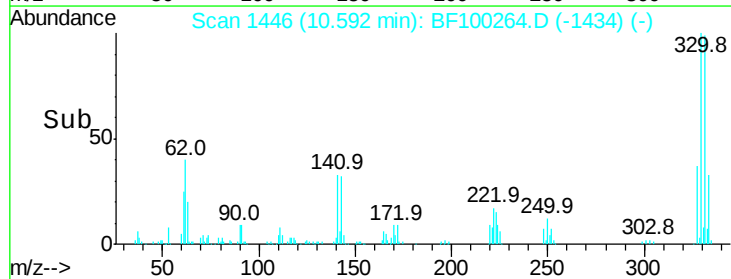
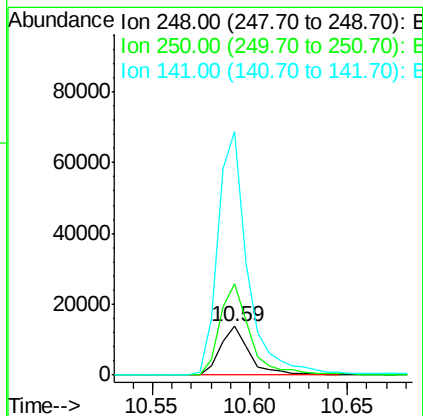
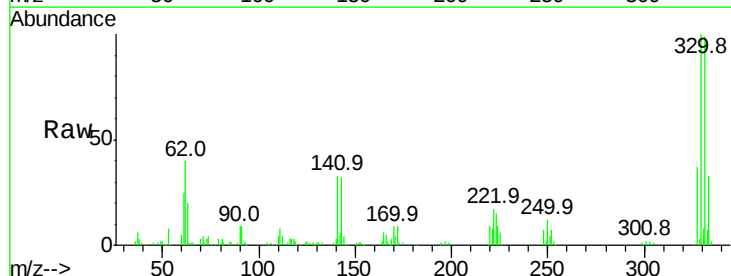
Instrument :
 BNA_F
 ClientSampled :

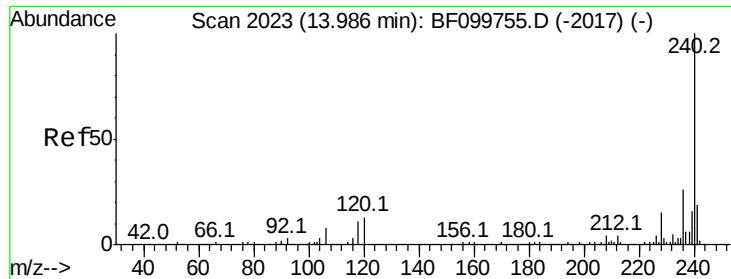
Tot Ion:188 Resp: 332420
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 11.0 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.078 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.23 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

Tgt Ion:248 Resp: 14272
 Ion Ratio Lower Upper
 248 100
 250 186.8 76.9 115.3#
 141 498.7 74.4 111.6#

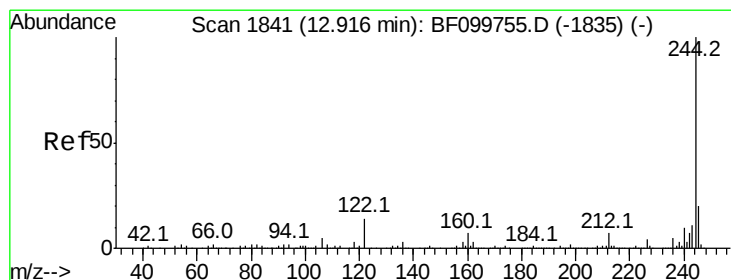
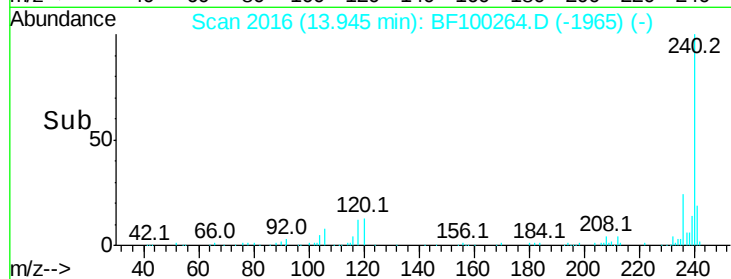
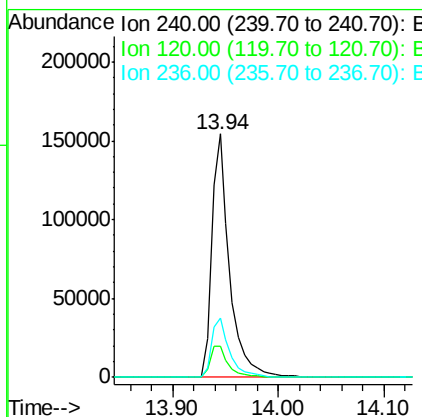
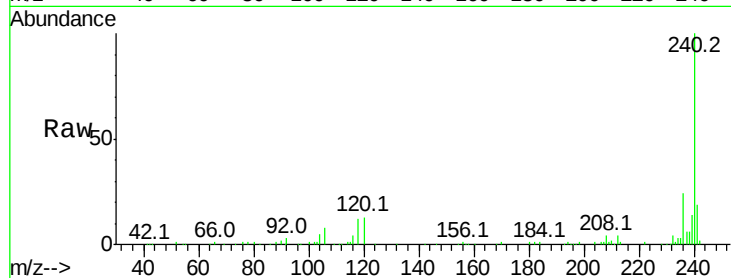




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

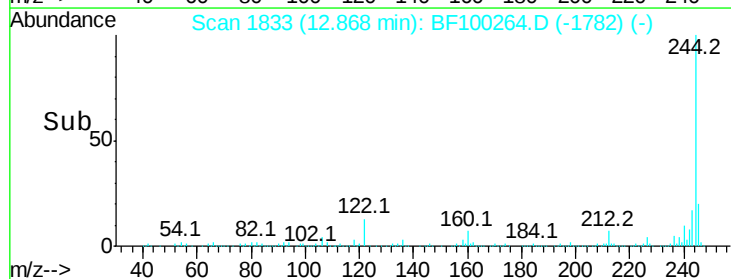
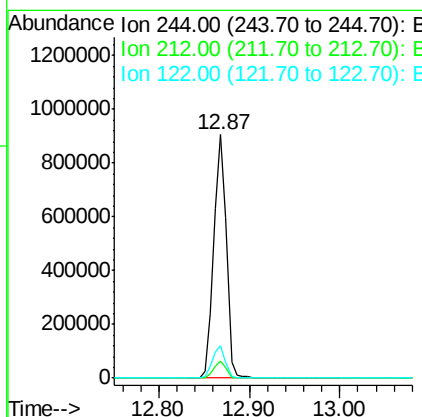
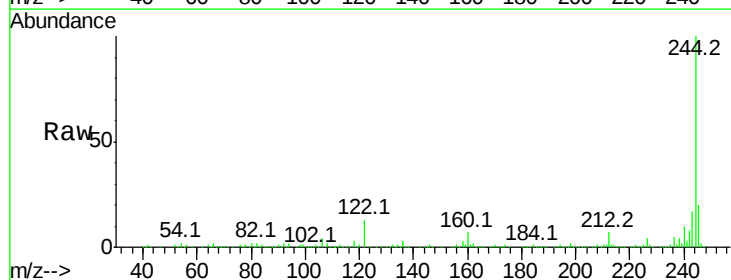
Instrument :
 BNA_F
 ClientSampled :

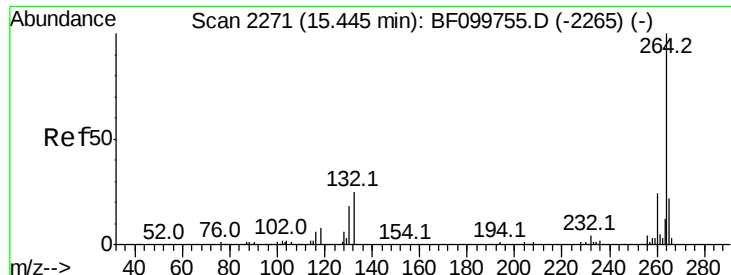
Tot Ion:240 Resp: 181289
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 24.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 105.912 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

Tgt Ion:244 Resp: 878604
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.4 11.0 16.4

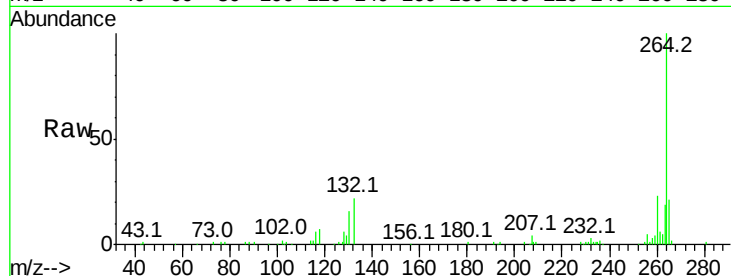




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF100264.D
 Acq: 6 Nov 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	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

