

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100203.D
 Acq On : 5 Nov 2017 2:52
 Operator : SJ/JU
 Sample : I6327-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:56:10 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

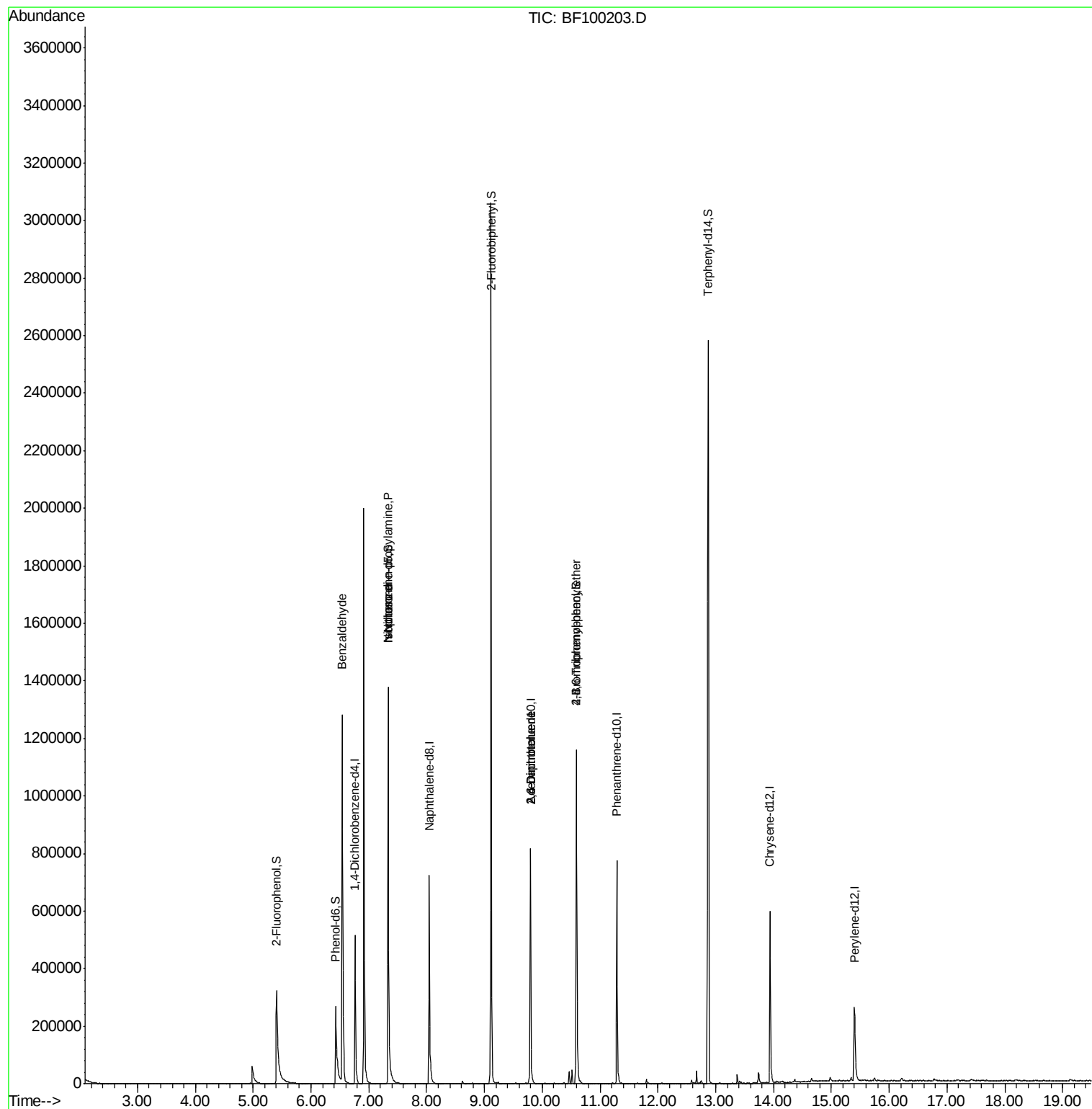
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	93998	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	391369	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	186066	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	344176	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	240759	20.00	ng	-0.01
86) Perylene-d12	15.40	264	157996	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	262570	43.85	ng	0.01
7) Phenol-d6	6.43	99	212088	29.87	ng	0.00
23) Nitrobenzene-d5	7.34	82	545650	89.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	159018	93.78	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1088463	90.25	ng	-0.01
78) Terphenyl-d14	12.87	244	1039492	94.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	8856	2.088	ng	88
19) n-Nitroso-di-n-propylamine	7.34	70	68718	16.518	ng	# 69
25) Isophorone	7.34	82	545650	49.466	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	23418	7.560	ng	# 26
56) 2,4-Dinitrotoluene	9.80	165	23418	6.278	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	9929	2.740	ng	# 1

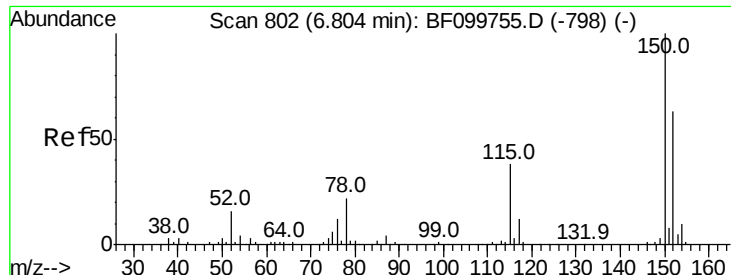
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration



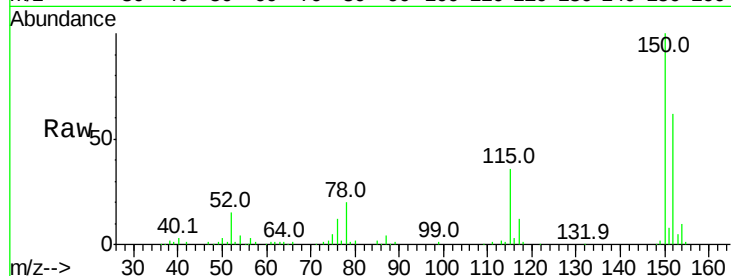


#1

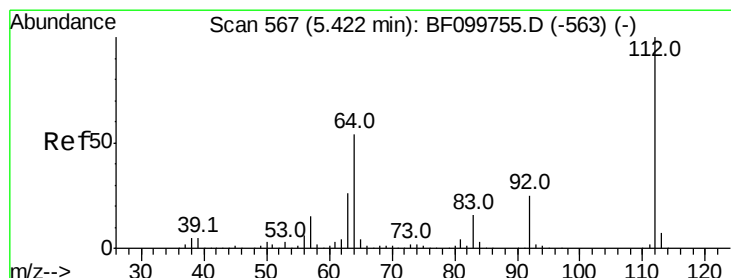
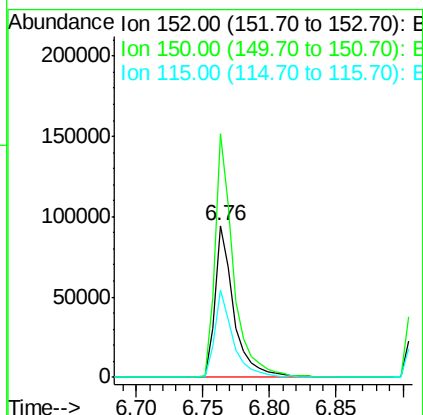
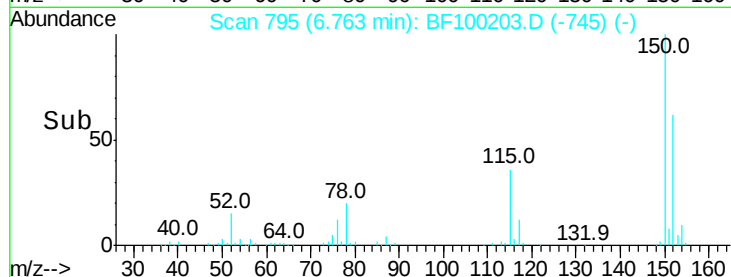
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93998
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 57.7 50.1 75.1



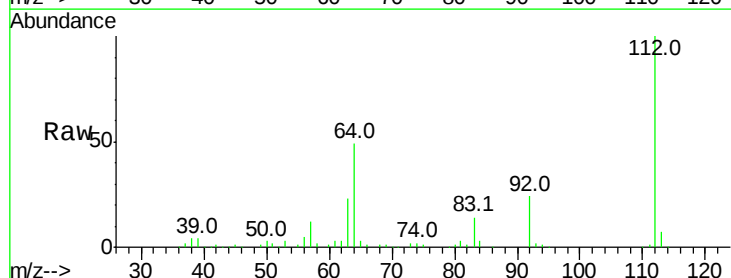
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



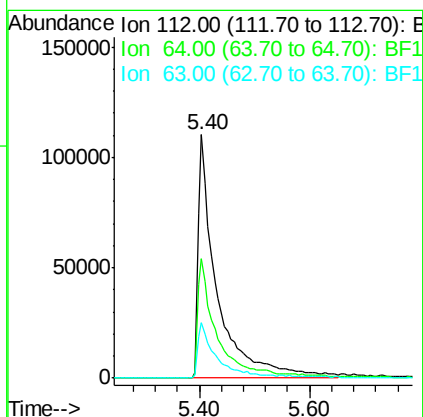
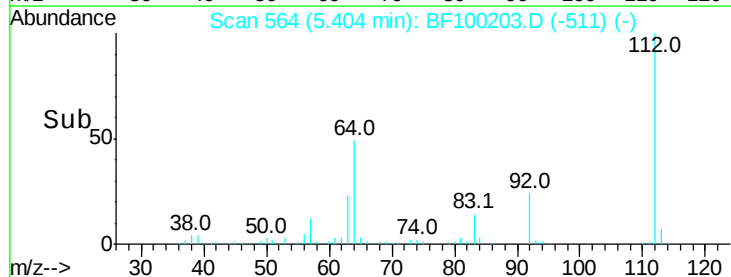
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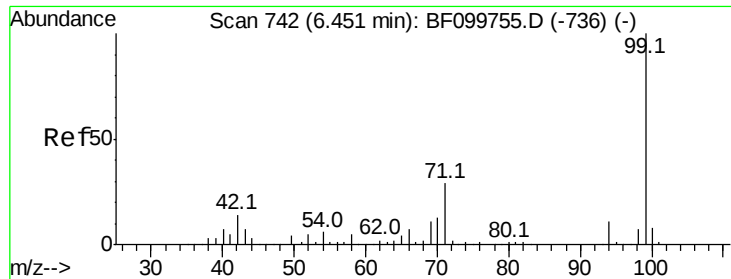
2-Fluorophenol
Concen: 43.855 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

Tgt Ion:112 Resp: 262570
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 22.5 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: 29.875 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100203.D

Acq: 5 Nov 2017 2:52

Instrument :

BNA_F

ClientSampled :

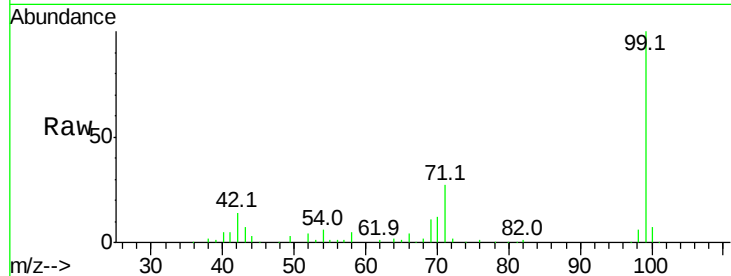
Tot Ion: 99 Resp: 212088

Ion Ratio Lower Upper

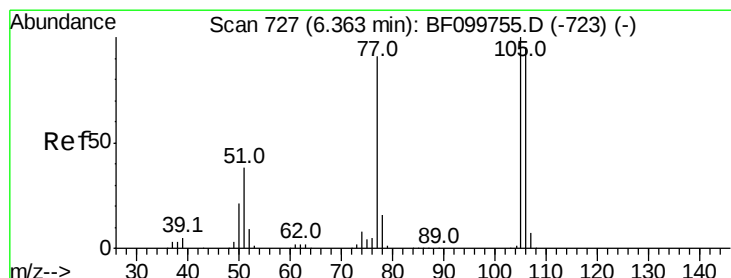
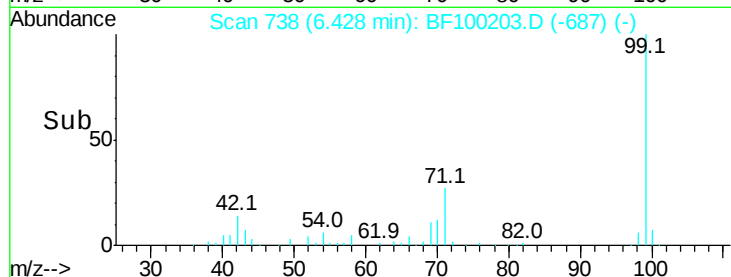
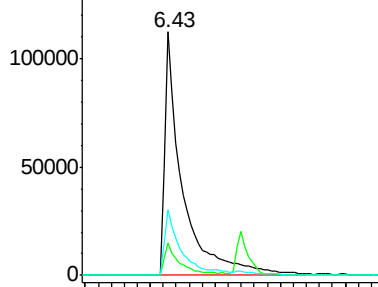
99 100

42 13.5 14.5 21.7#

71 27.1 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: 2.088 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100203.D

Acq: 5 Nov 2017 2:52

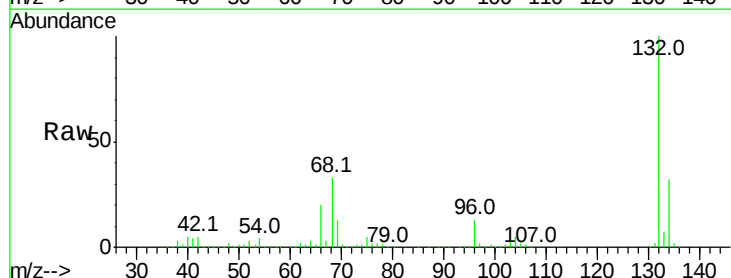
Tgt Ion: 77 Resp: 8856

Ion Ratio Lower Upper

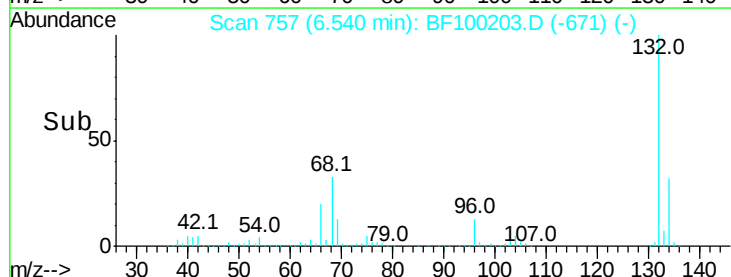
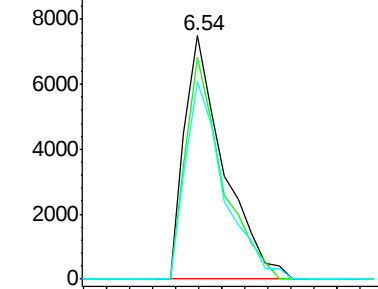
77 100

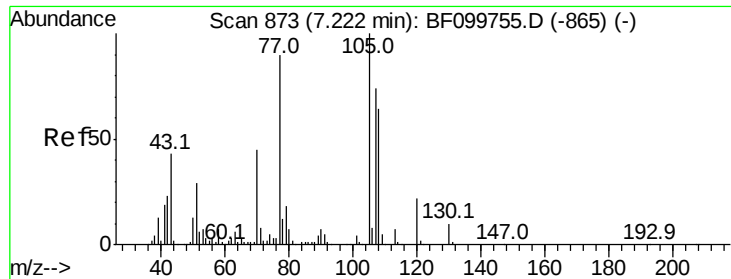
105 91.3 81.1 121.1

106 81.0 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

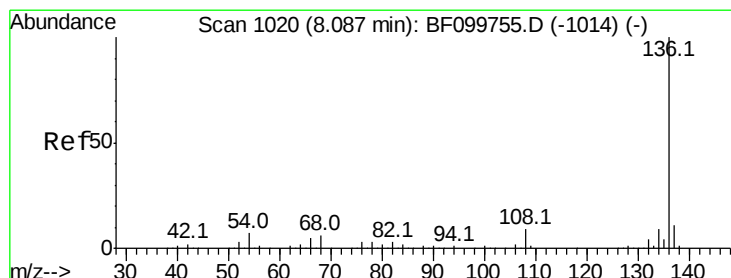
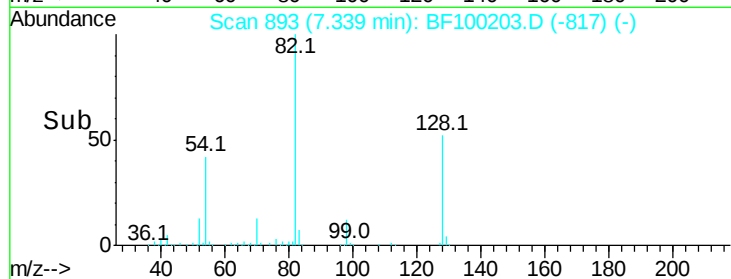
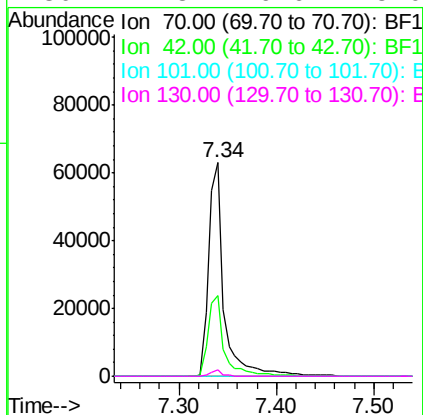
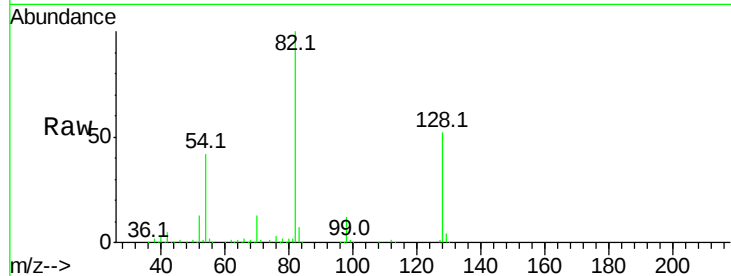




#19
n-Nitroso-di-n-propylamine
Concen: 16.518 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

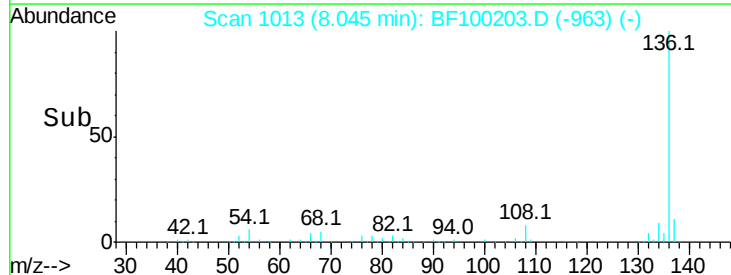
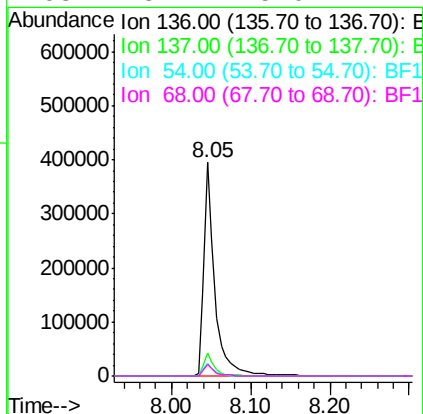
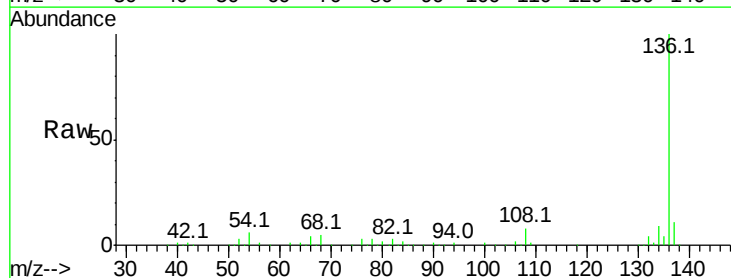
Instrument :
BNA_F
ClientSampleId :

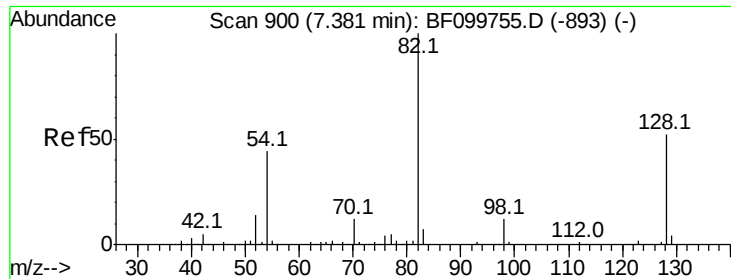
Tot Ion: 70 Resp: 68718
Ion Ratio Lower Upper
70 100
42 37.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

Tgt Ion: 136 Resp: 391369
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.1 6.6 9.8#
68 5.2 5.0 7.4

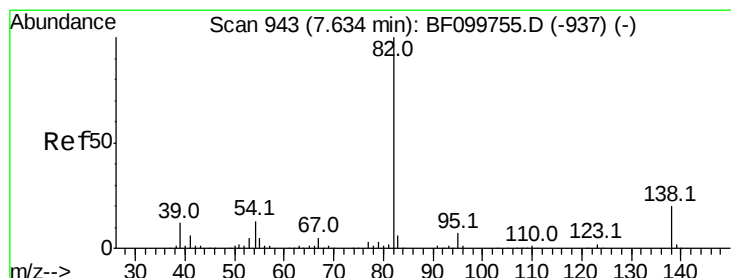
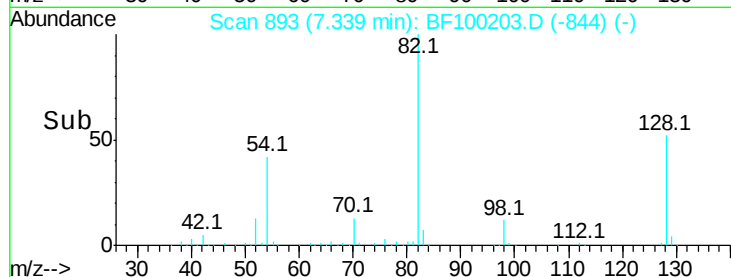
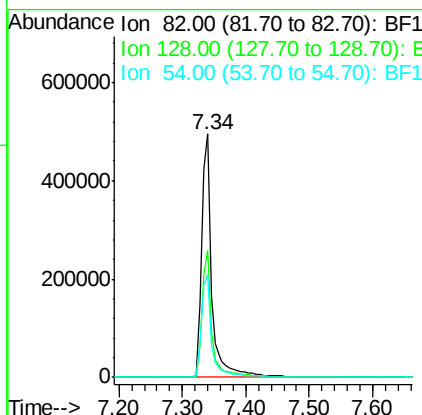
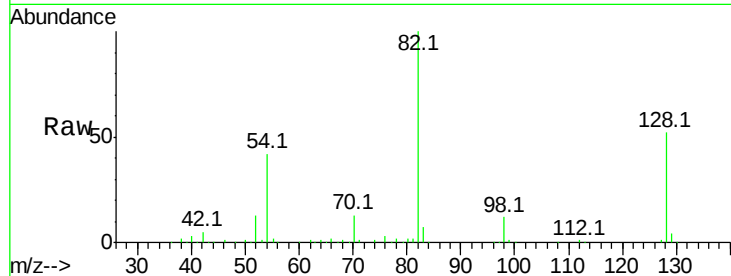




#23
 Nitrobenzene-d5
 Concen: 89.760 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

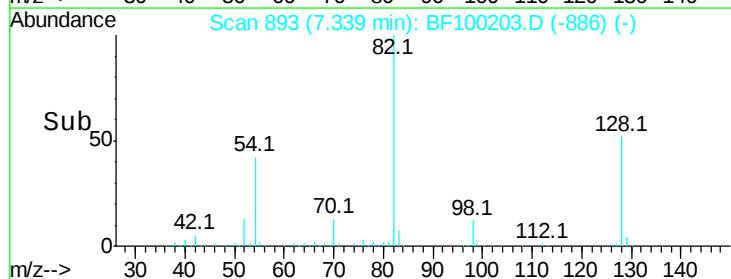
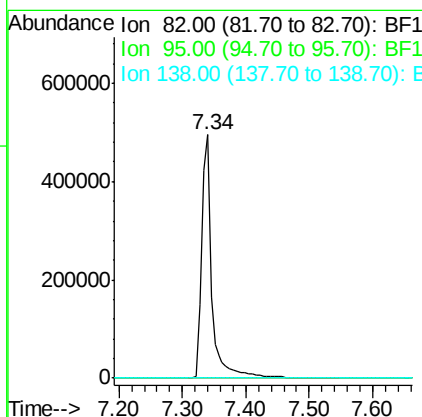
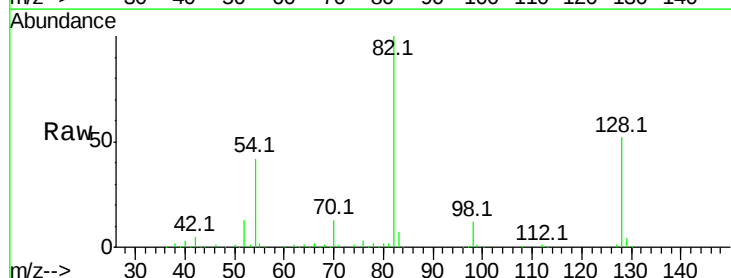
Instrument :
 BNA_F
 ClientSampleId :

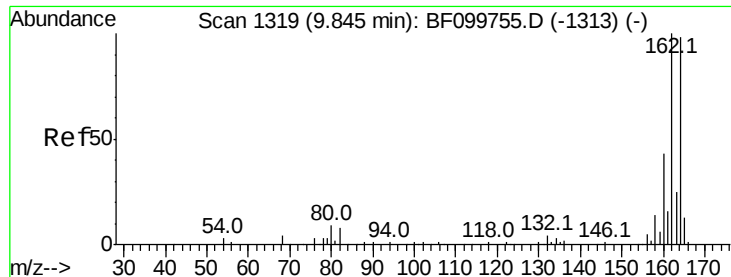
Tot Ion	82	Resp	545650
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	42.1	41.4	62.2



#25
 Isophorone
 Concen: 49.466 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.26 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Tgt Ion	82	Resp	545650
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		

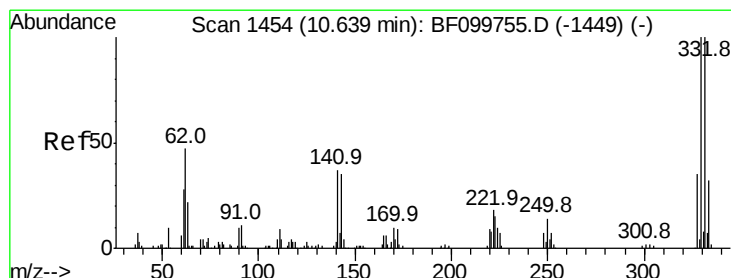
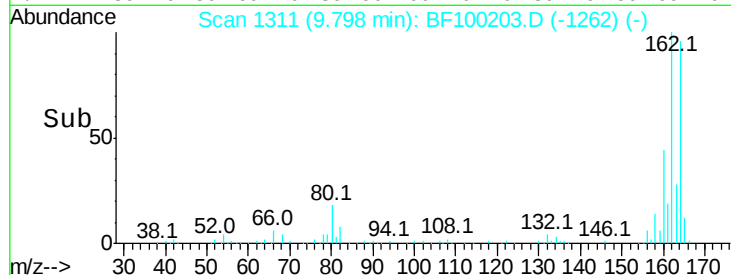
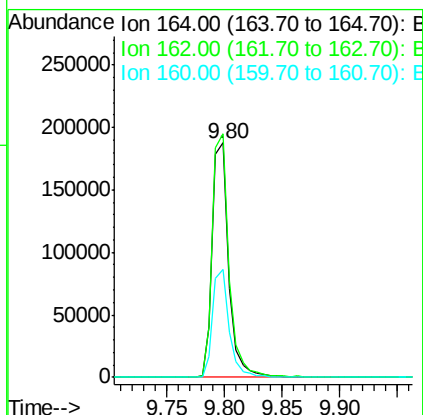
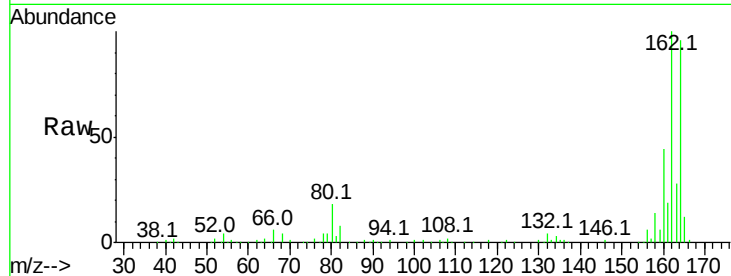




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

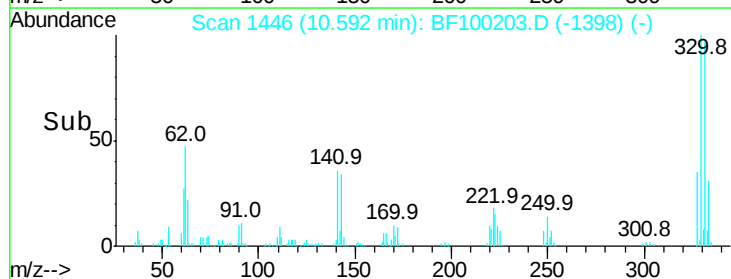
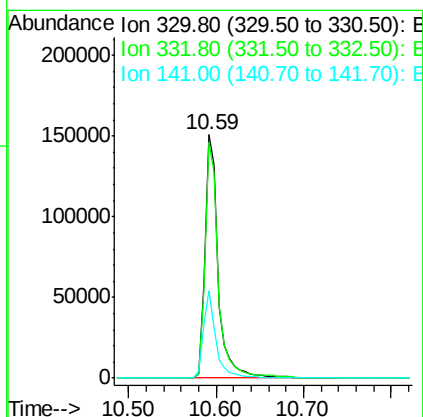
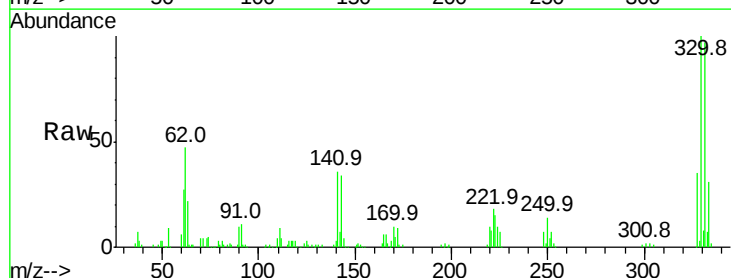
Instrument :
BNA_F
ClientSampleId :

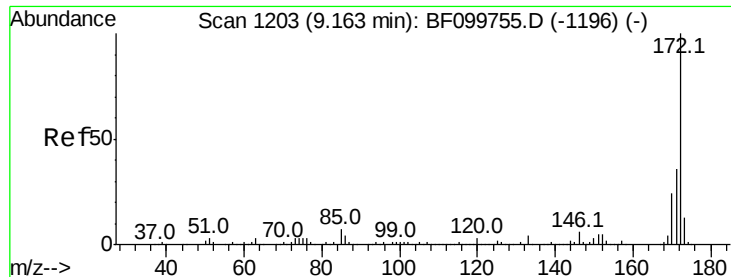
Tot Ion:164 Resp: 186066
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 93.780 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

Tgt Ion:330 Resp: 159018
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 34.1 29.9 44.9



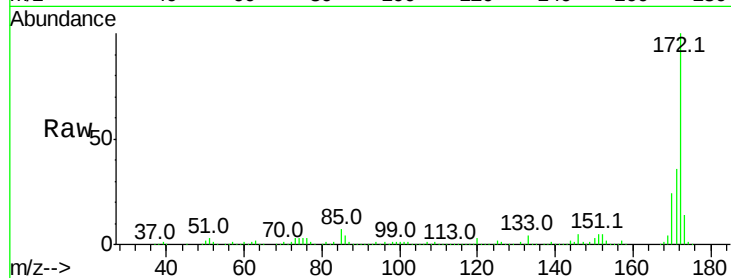


#44
 2-Fluorobiphenyl
 Concen: 90.254 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

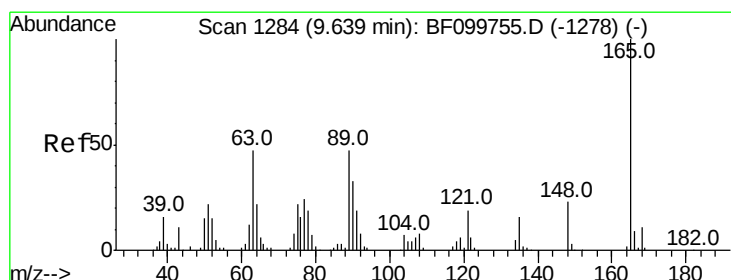
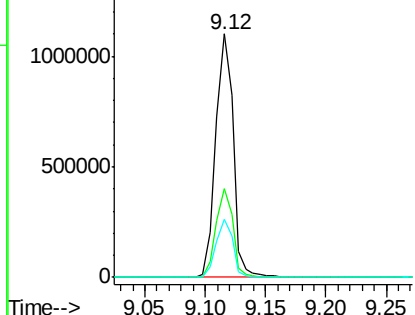
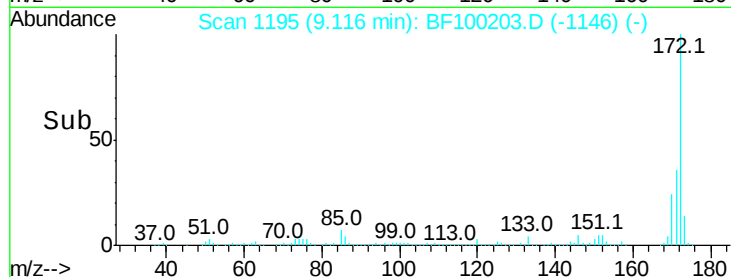
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1088463

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



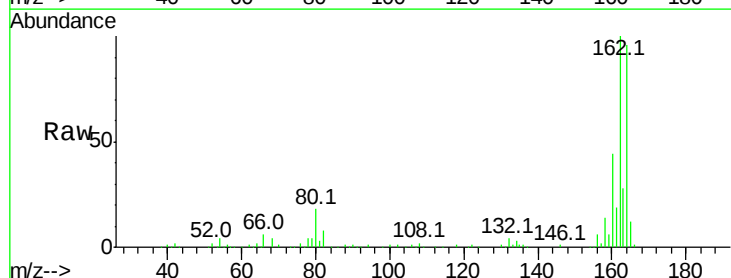
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



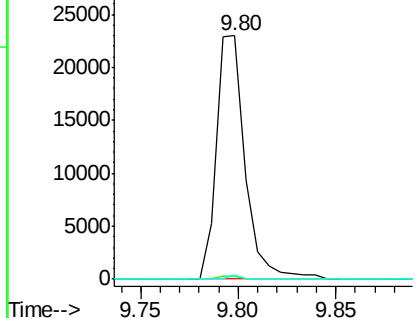
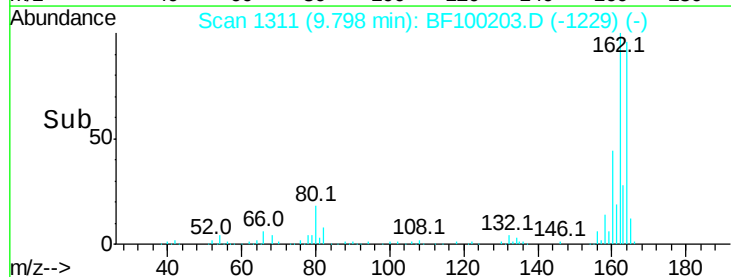
#50
 2,6-Dinitrotoluene
 Concen: 7.560 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

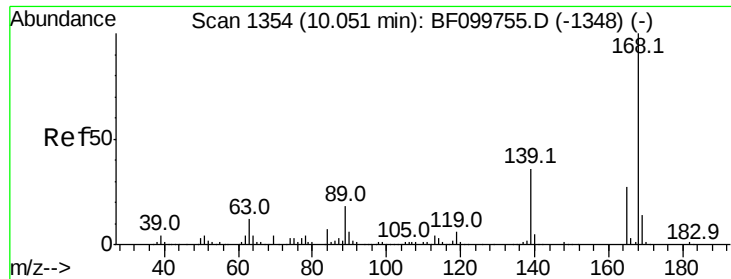
Tgt Ion:165 Resp: 23418

Ion	Ratio	Lower	Upper
165	100		
63	1.4	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

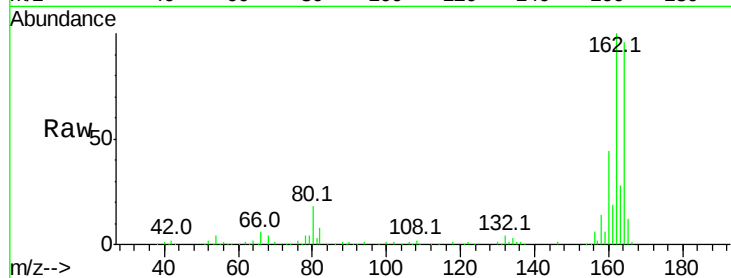




#56
 2,4-Dinitrotoluene
 Concen: 6.278 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

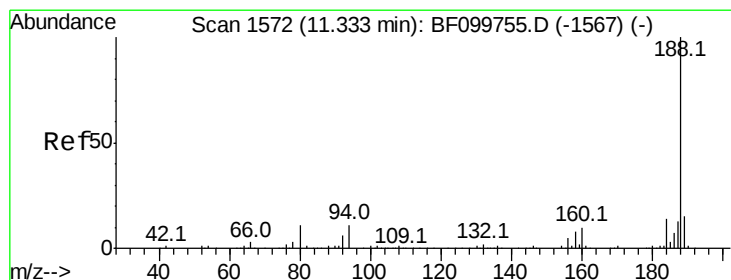
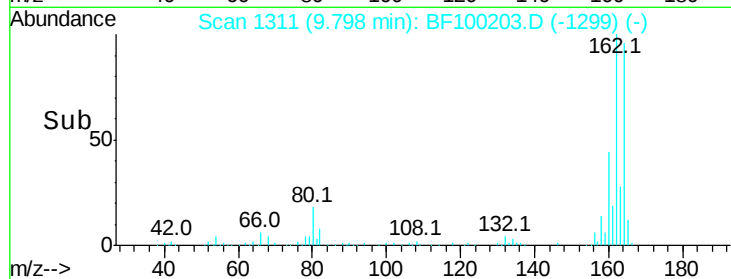
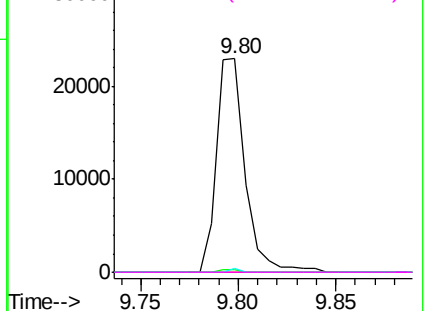


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

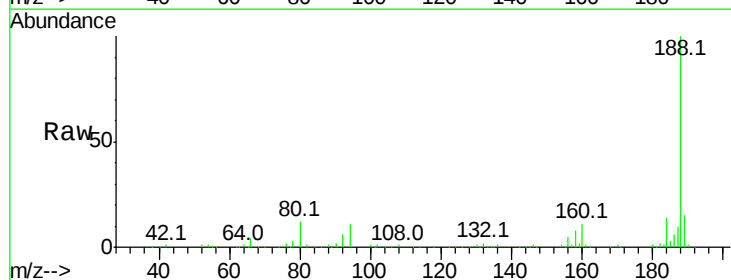
Ion 89.00 (88.70 to 89.70): BF1

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: BF100203.D
 Acq: 5 Nov 2017 2:52

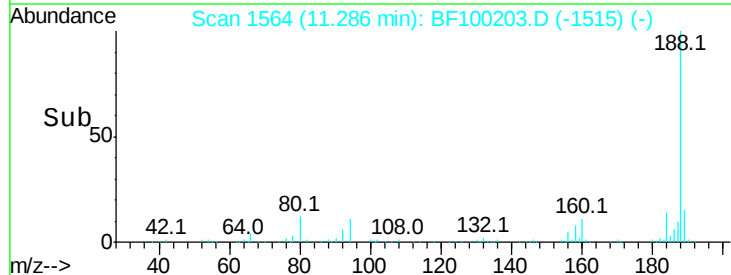
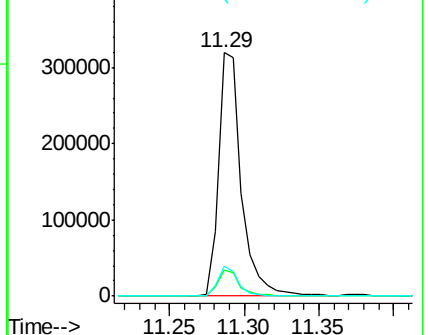
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	12.1	9.2	13.8

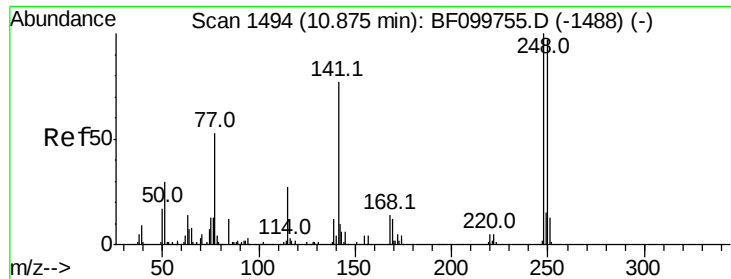


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

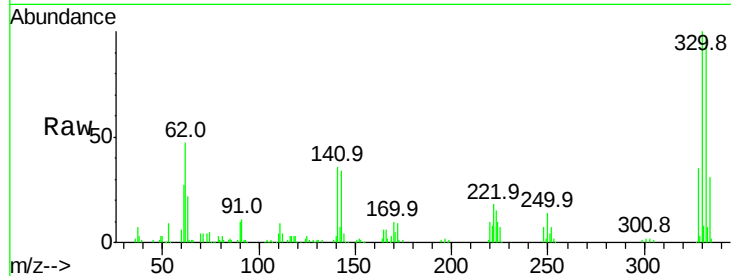




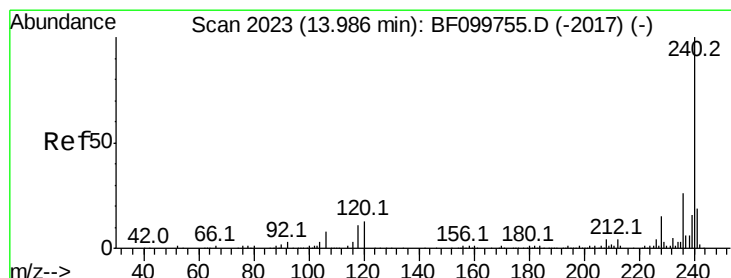
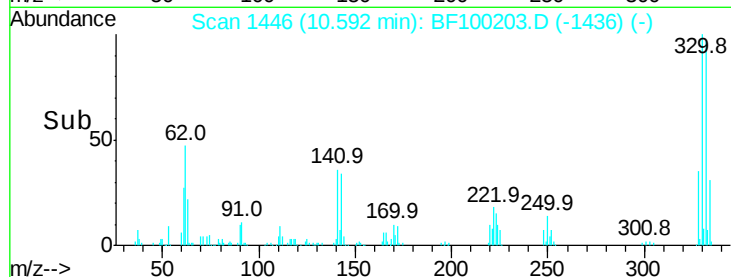
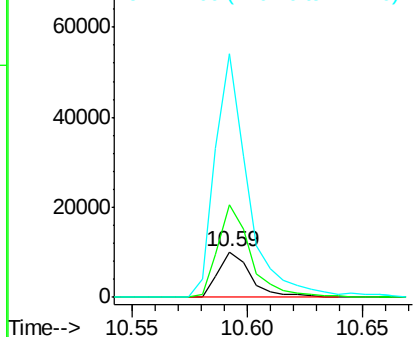
#66
 4-Bromophenyl-phenylether
 Concen: 2.740 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9929
 Ion Ratio Lower Upper
 248 100
 250 203.1 76.9 115.3#
 141 533.9 74.4 111.6#

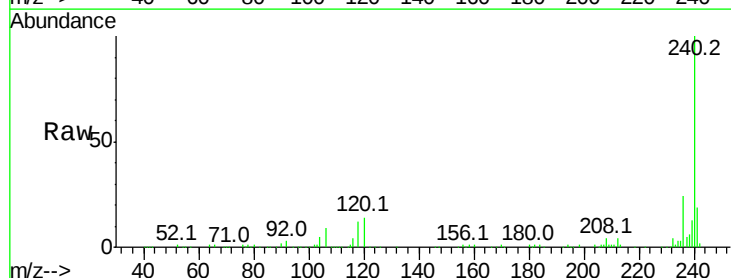


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

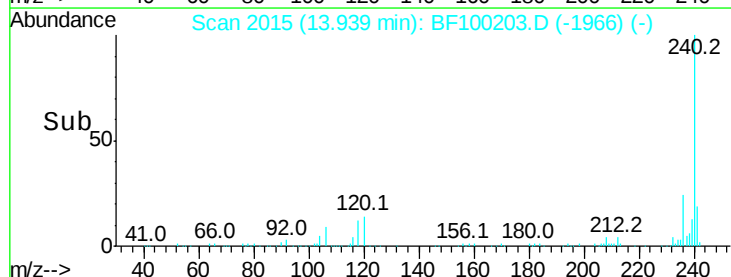
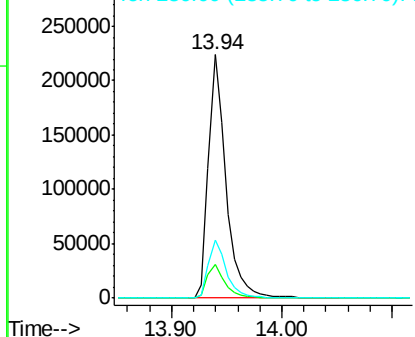


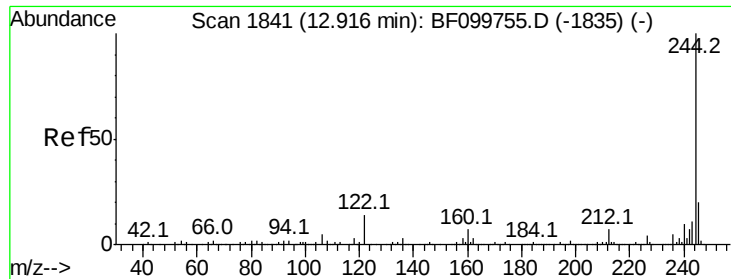
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Tgt Ion:240 Resp: 240759
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 23.9 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

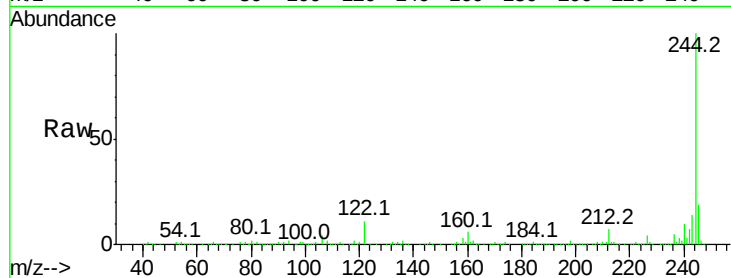




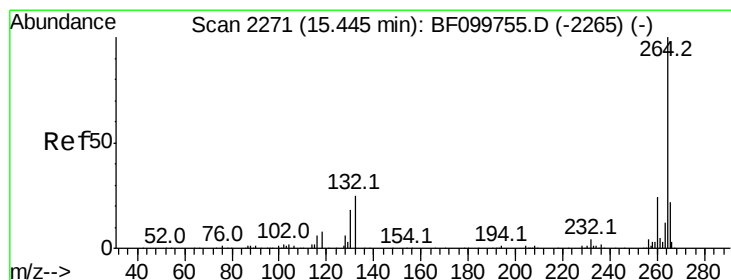
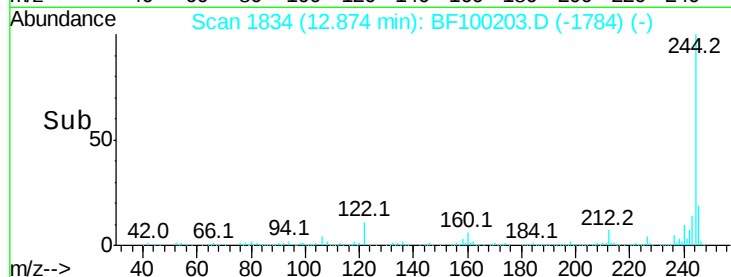
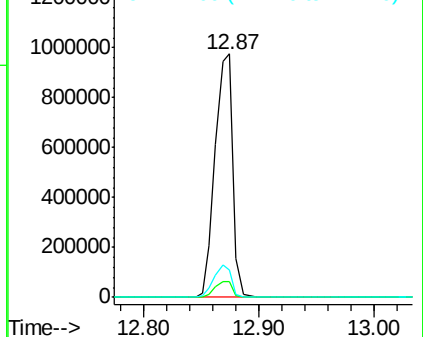
#78
 Terphenyl-d14
 Concen: 94.355 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1039492
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 11.0 16.4

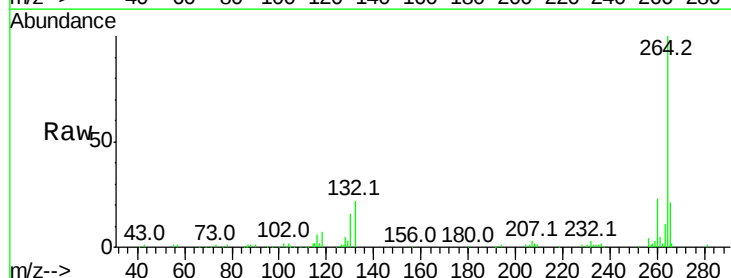


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Tgt Ion:264 Resp: 157996
 Ion Ratio Lower Upper
 264 100
 260 22.6 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

