

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100108.D
 Acq On : 3 Nov 2017 2:45
 Operator : SJ/JU
 Sample : I6274-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 04:19:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

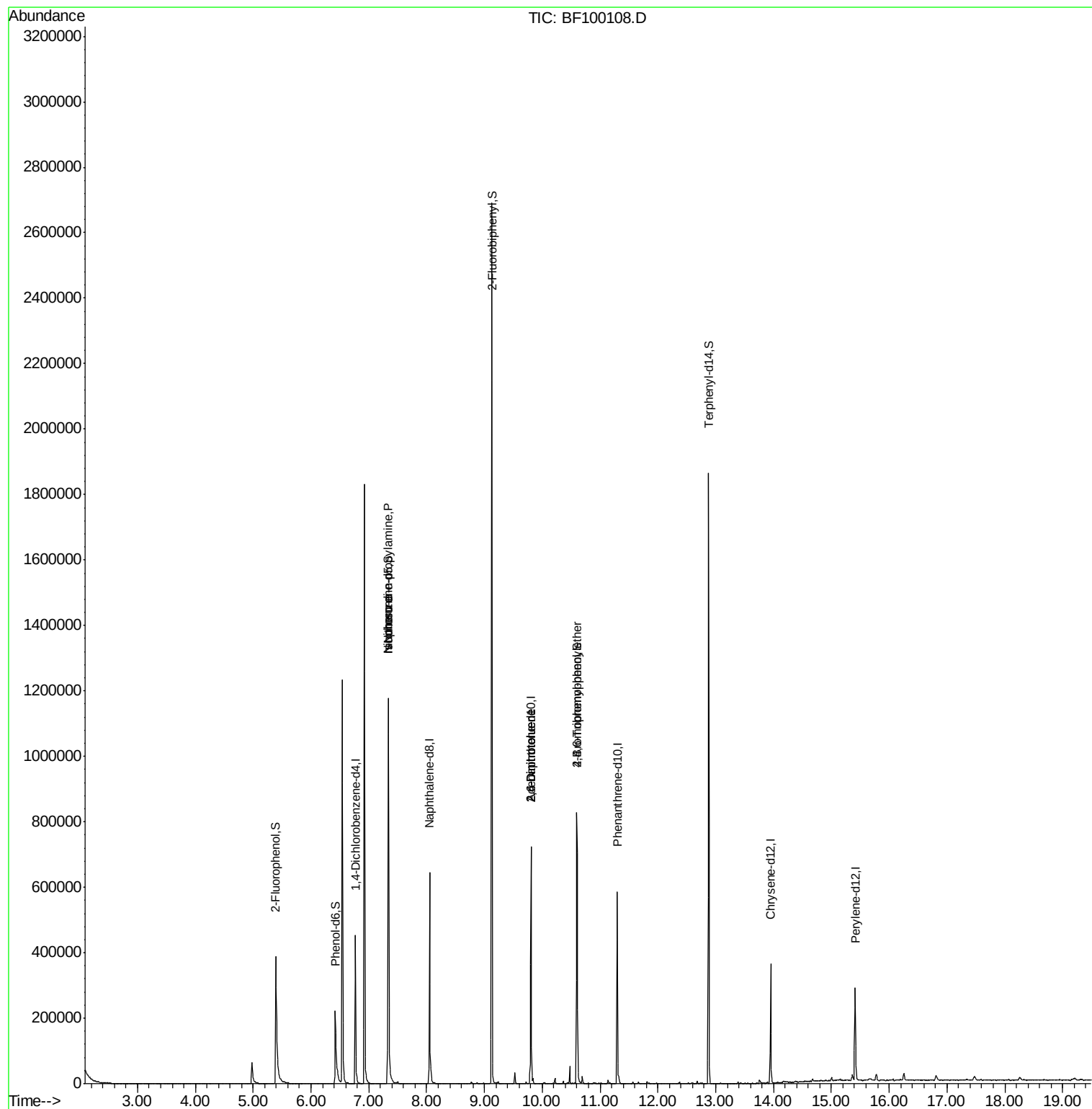
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	78202	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	315896	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	140743	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	214004	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	132529	20.00	ng	-0.02
86) Perylene-d12	15.41	264	132865	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	204130	40.98	ng	0.00
7) Phenol-d6	6.42	99	153913	26.06	ng	0.00
23) Nitrobenzene-d5	7.34	82	455634	92.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	109513	85.38	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	885435	97.06	ng	0.00
78) Terphenyl-d14	12.88	244	625438	103.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	56942	16.452	ng	# 72
25) Isophorone	7.34	82	455634	51.174	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	18089	7.720	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	18089	6.411	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	6886	3.056	ng	# 1

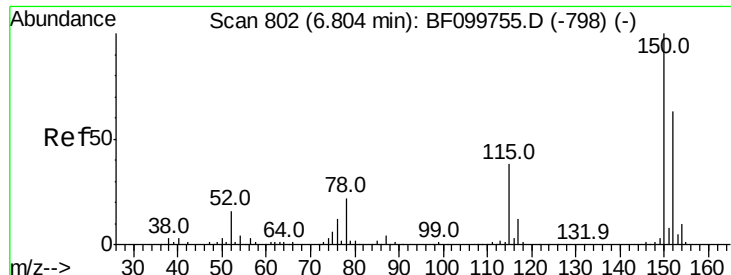
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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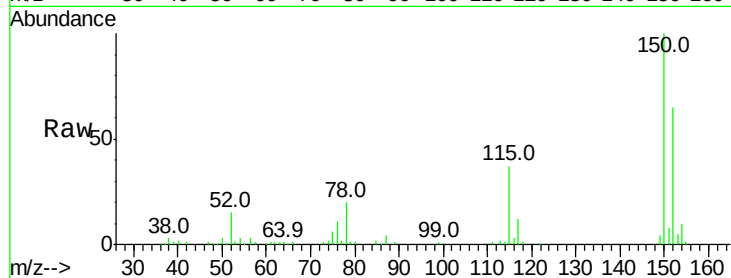


#1

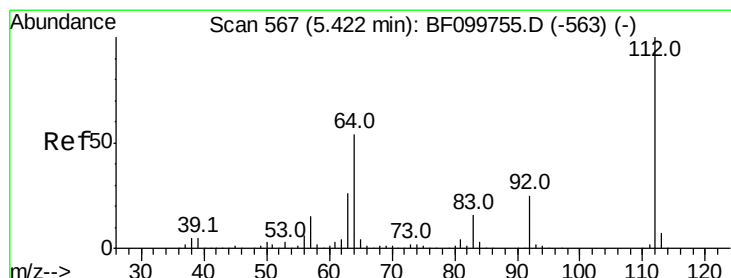
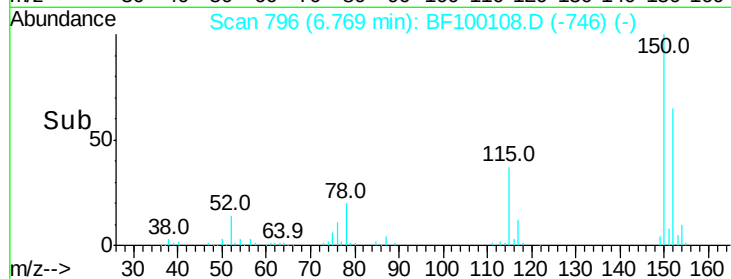
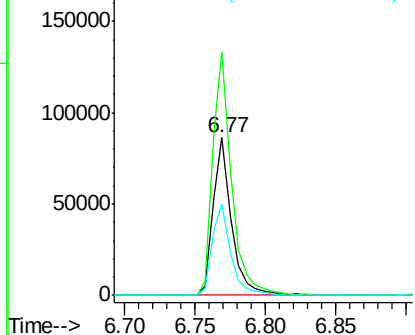
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78202
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.0 50.1 75.1



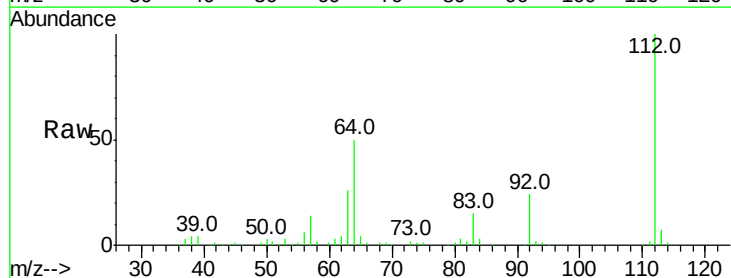
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



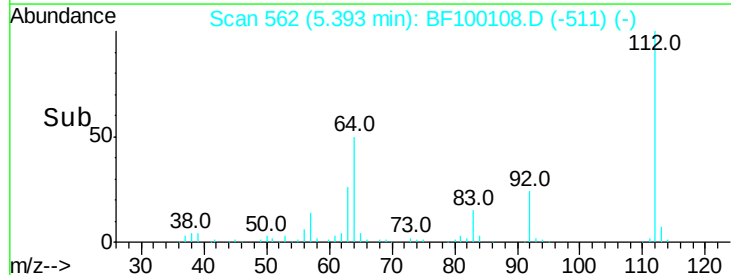
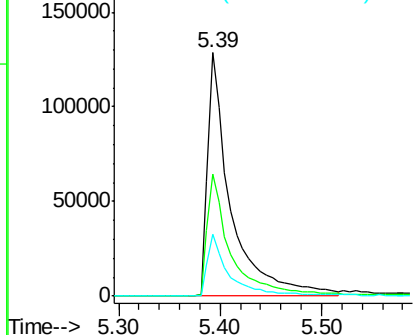
#5

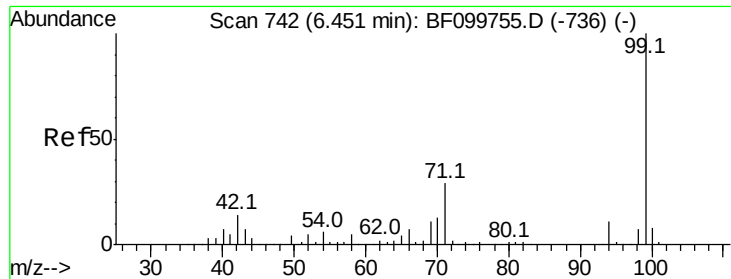
2-Fluorophenol
Concen: 40.981 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Tgt Ion:112 Resp: 204130
Ion Ratio Lower Upper
112 100
64 50.1 47.9 71.9
63 25.5 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: 26.059 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

Instrument :

BNA_F

ClientSampleId :

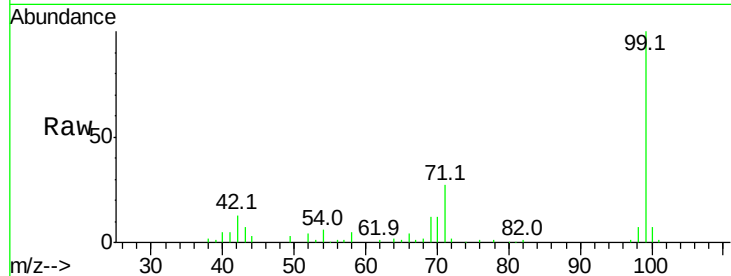
Tot Ion: 99 Resp: 153913

Ion Ratio Lower Upper

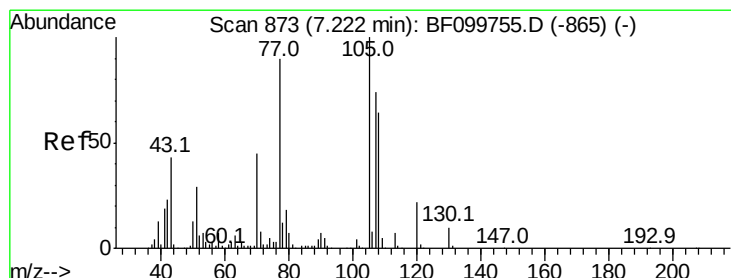
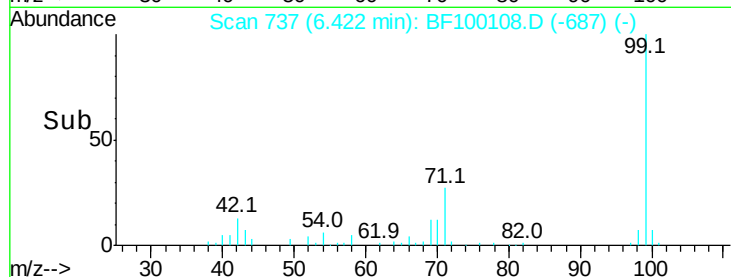
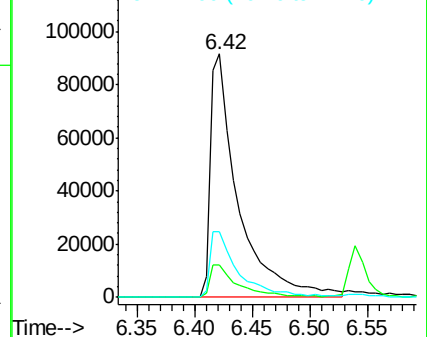
99 100

42 13.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.452 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

Tgt Ion: 70 Resp: 56942

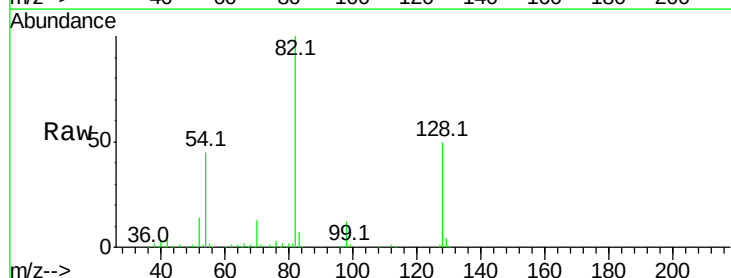
Ion Ratio Lower Upper

70 100

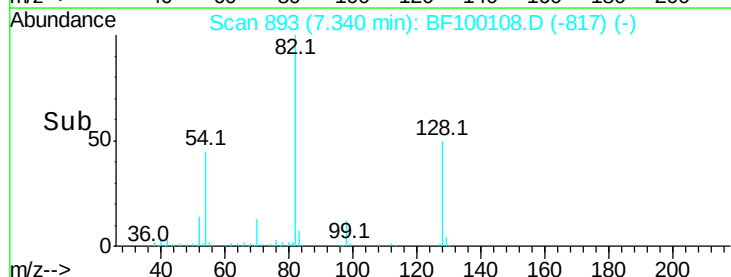
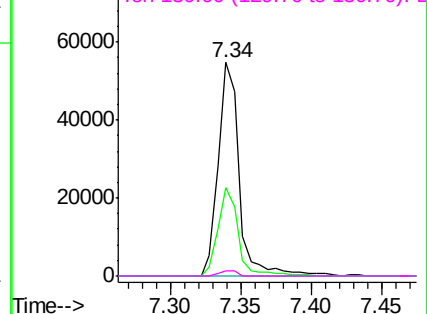
42 41.1 47.5 71.3#

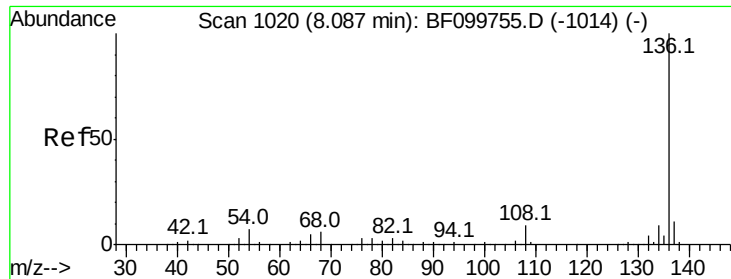
101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

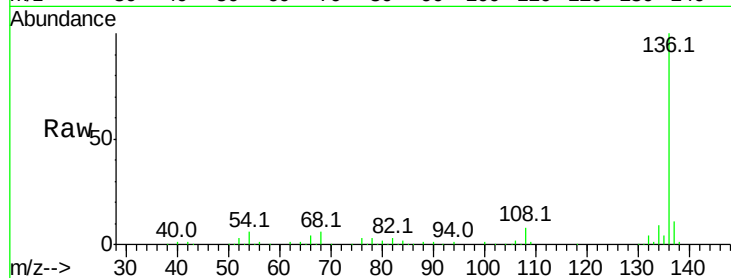




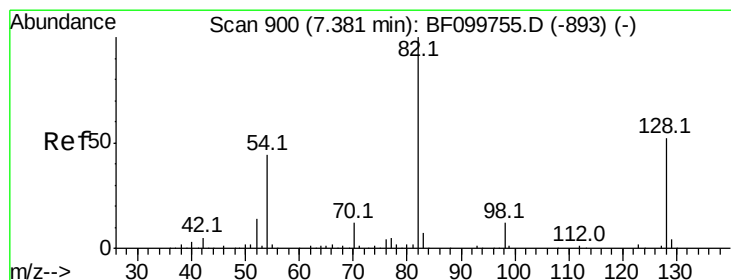
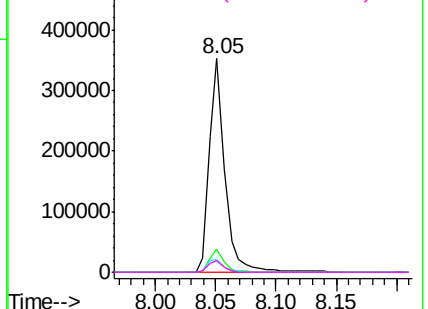
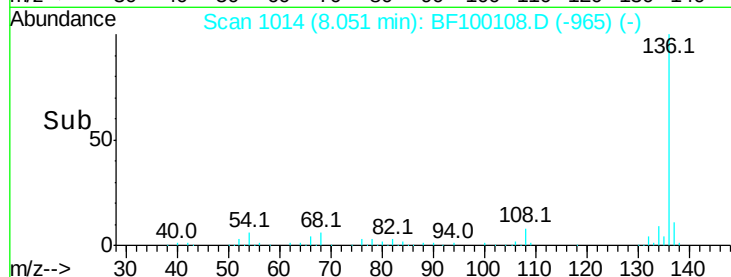
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	315896
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	6.6	9.8#
68	5.5	5.0	7.4

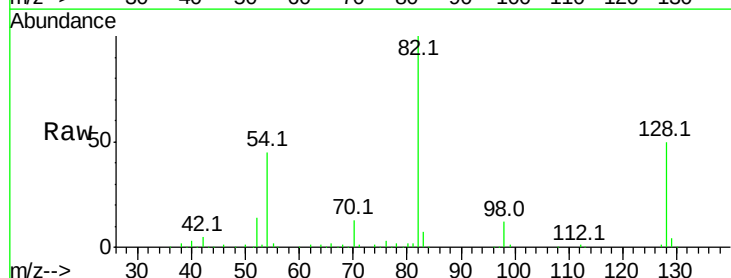


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

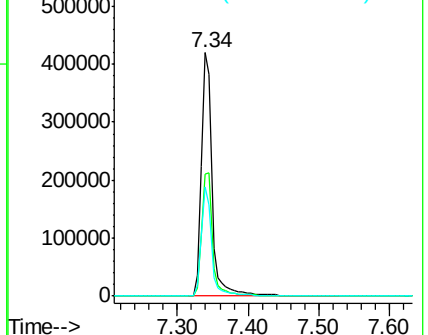
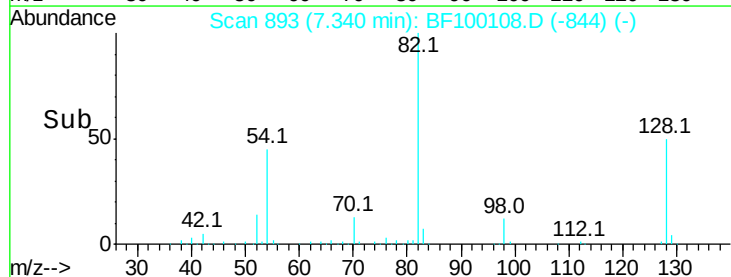


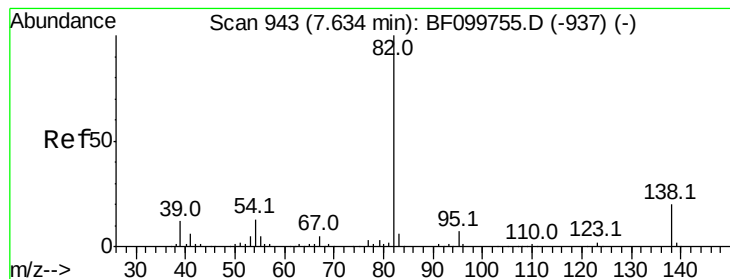
#23
Nitrobenzene-d5
Concen: 92.859 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Tgt Ion:	82	Resp:	455634
Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	44.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.174 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

Instrument :

BNA_F

ClientSampled :

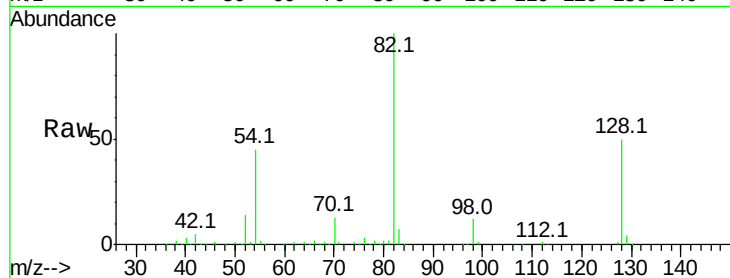
Tot Ion: 82 Resp: 455634

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

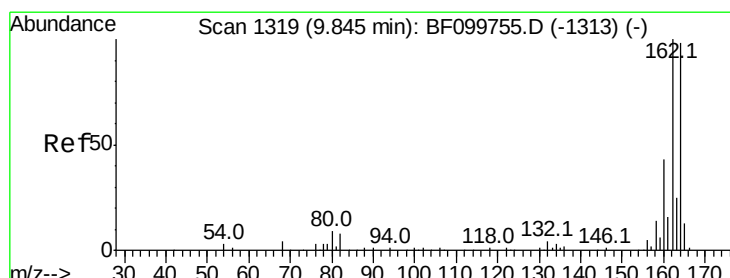
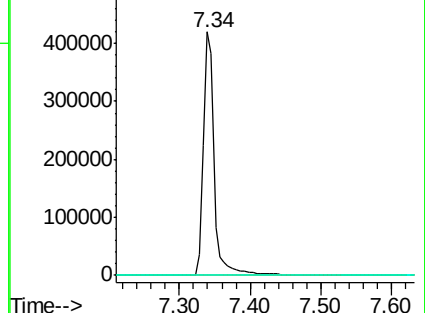
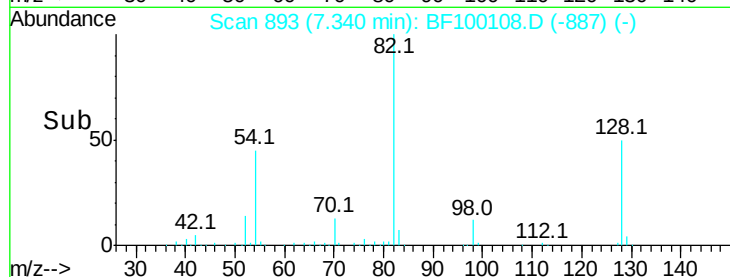
138 0.0 14.9 22.3#



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: BF100108.D

Acq: 3 Nov 2017 2:45

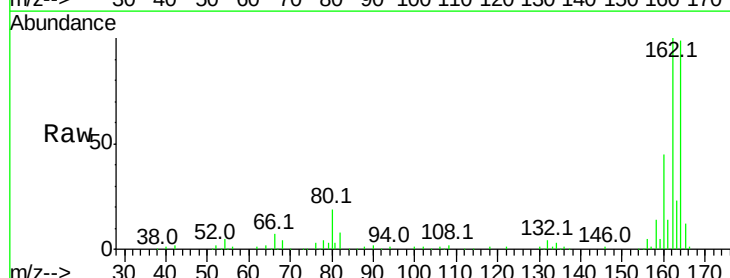
Tgt Ion:164 Resp: 140743

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

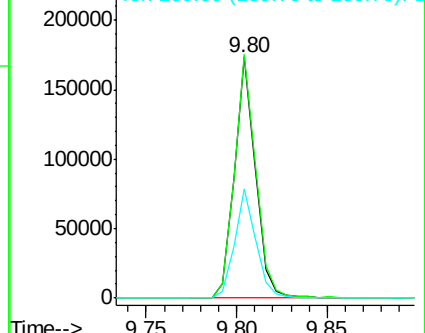
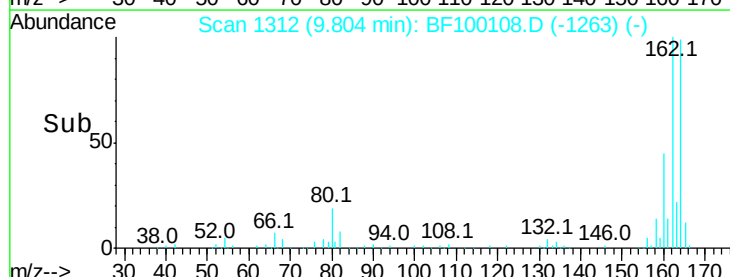
160 45.4 38.3 57.5

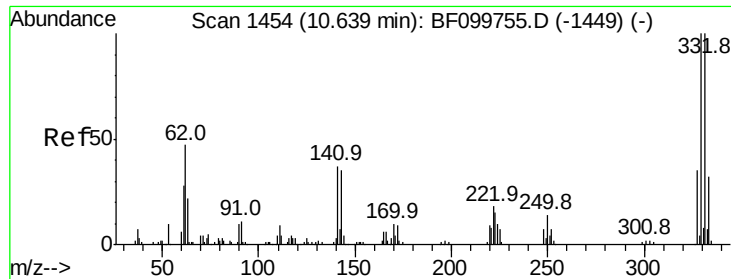


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

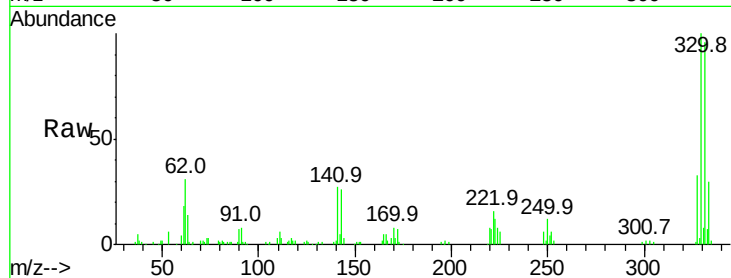




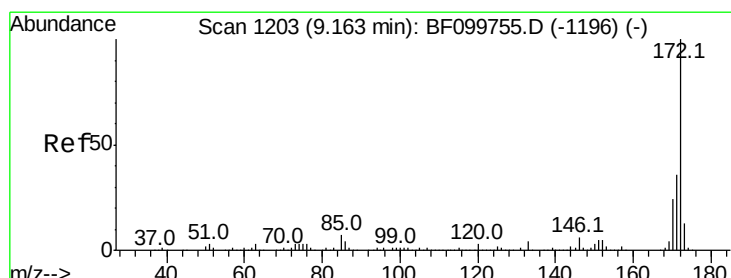
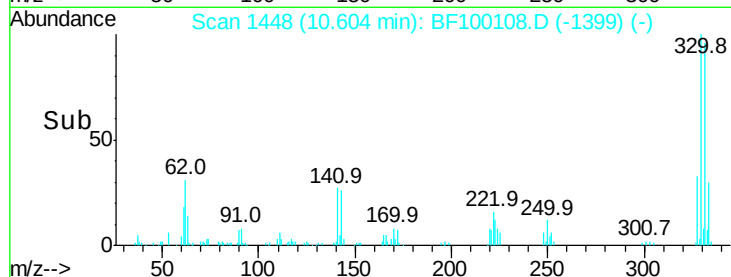
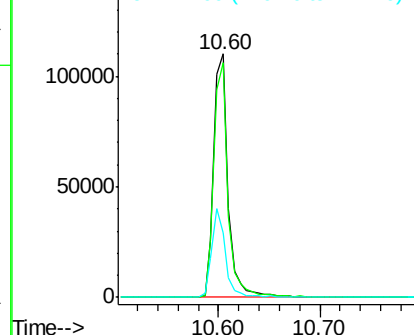
#41
 2,4,6-Tribromophenol
 Concen: 85.383 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.1	29.9	44.9

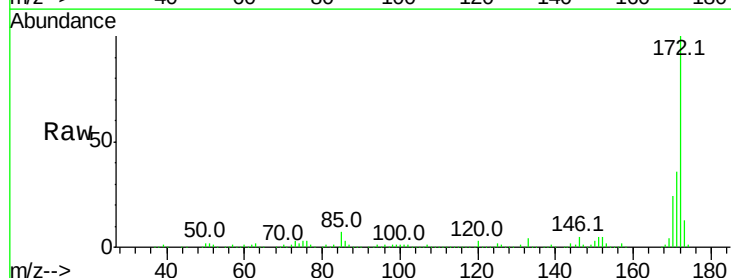


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

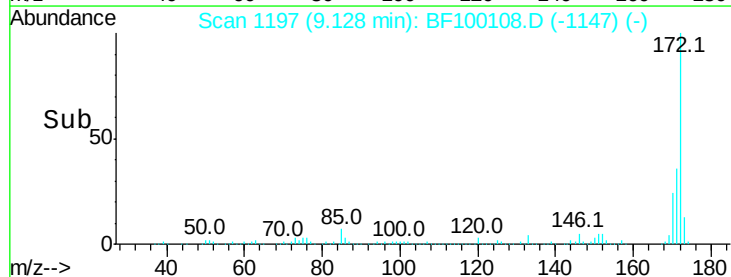
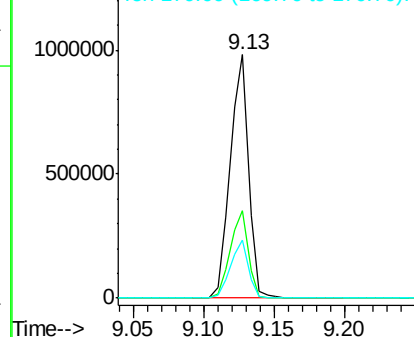


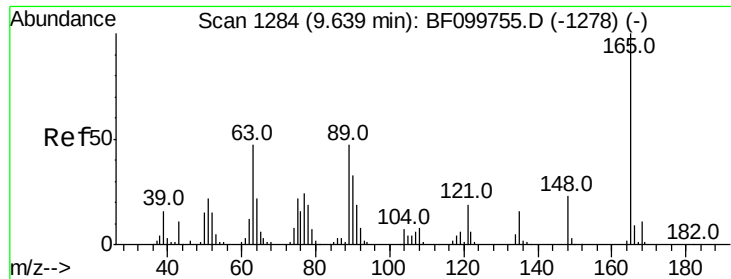
#44
 2-Fluorobiphenyl
 Concen: 97.062 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	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

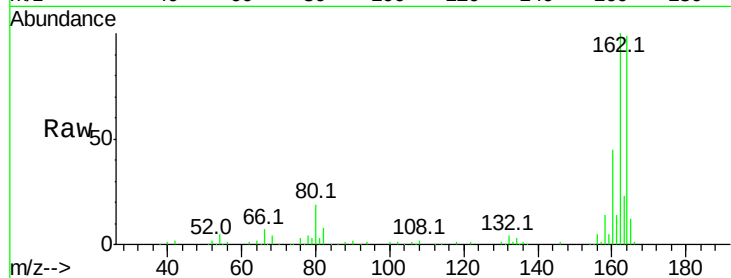




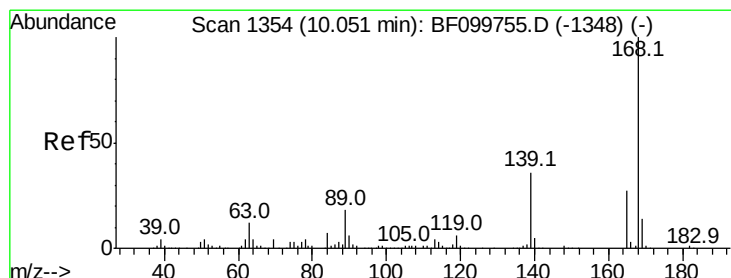
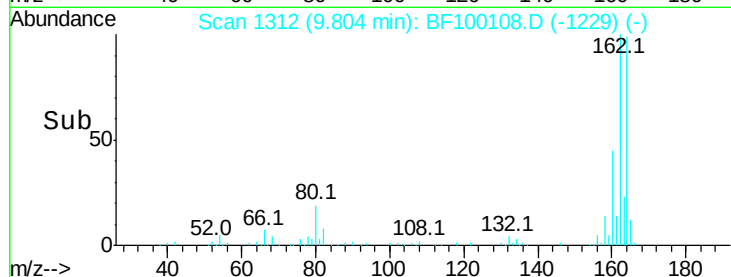
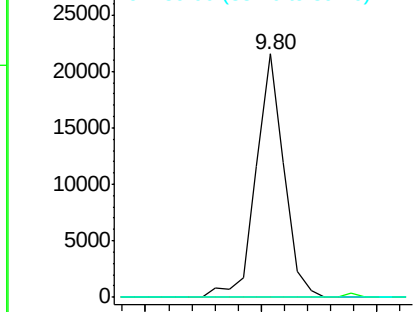
#50
2,6-Dinitrotoluene
Concen: 7.720 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Instrument :
BNA_F
ClientSampled :

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

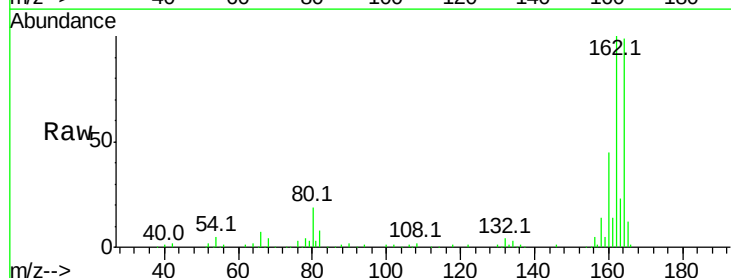


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

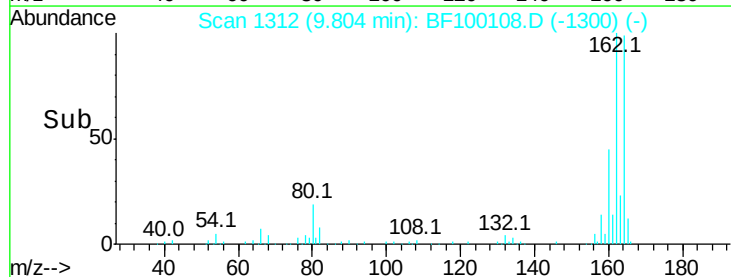
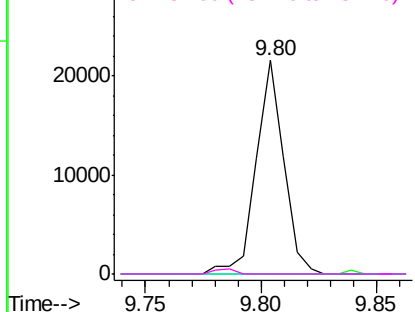


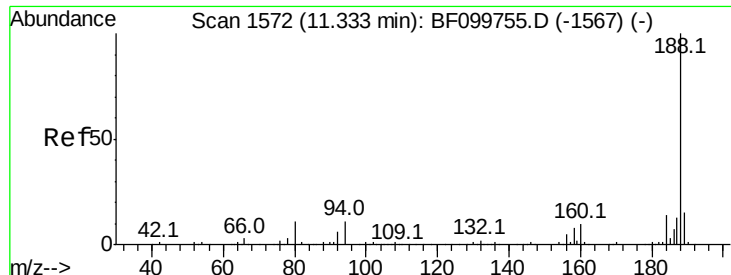
#56
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Tgt 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

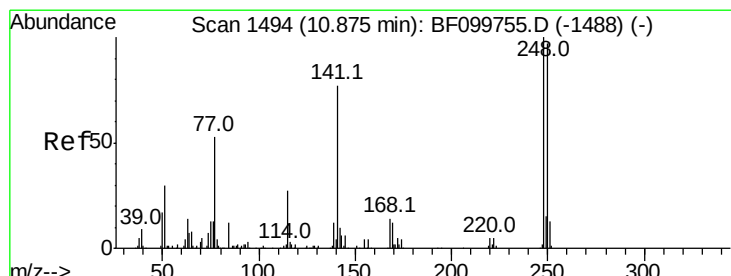
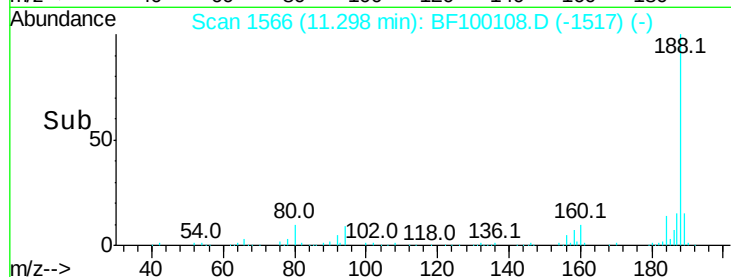
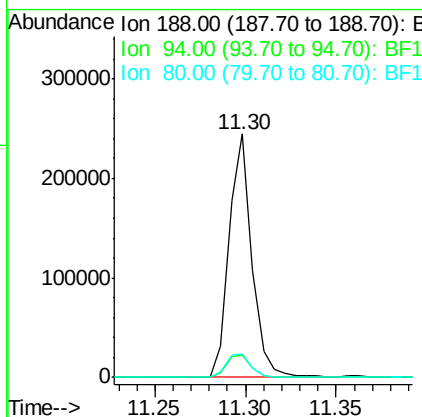
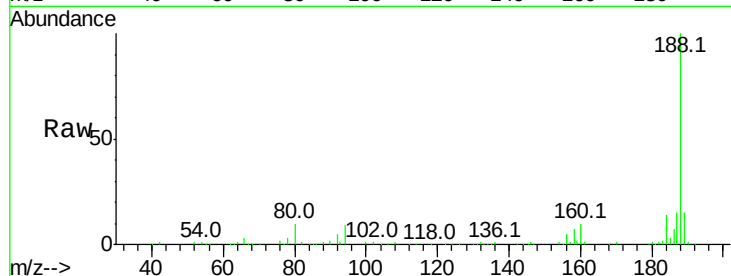




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

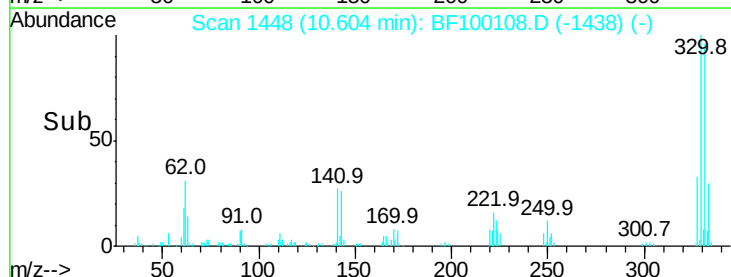
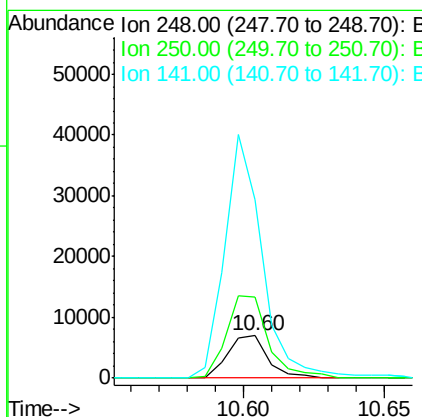
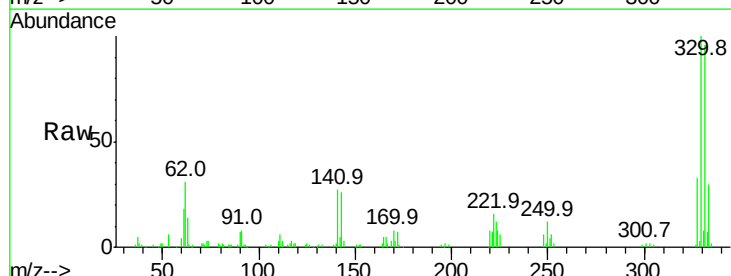
Instrument :
 BNA_F
 ClientSampleId :

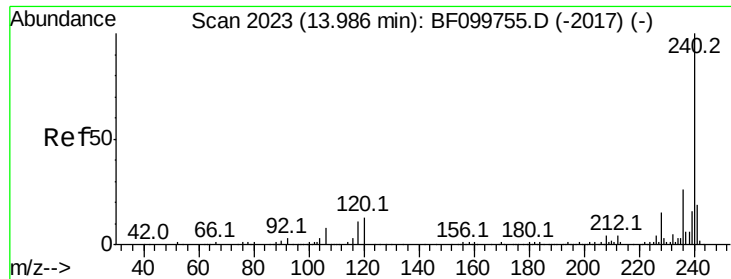
Tot Ion:188 Resp: 214004
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 9.9 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.056 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Tgt Ion:248 Resp: 6886
 Ion Ratio Lower Upper
 248 100
 250 191.9 76.9 115.3#
 141 420.8 74.4 111.6#

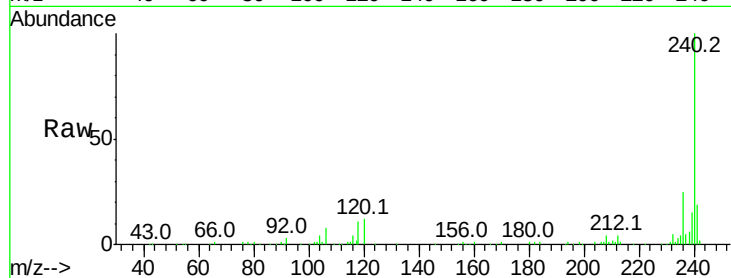




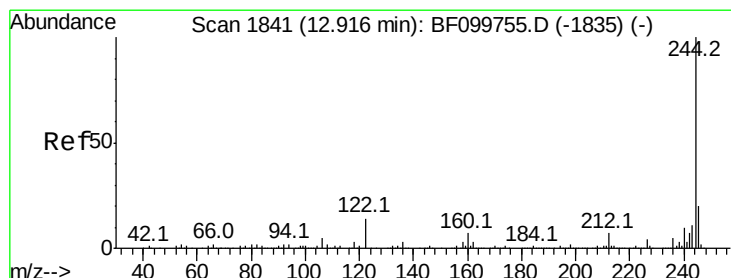
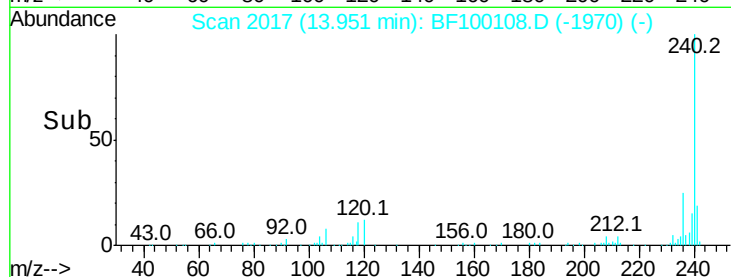
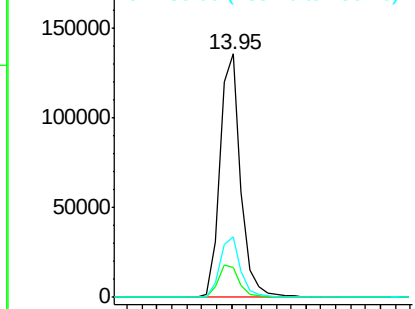
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 132529
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.1 20.7 31.1

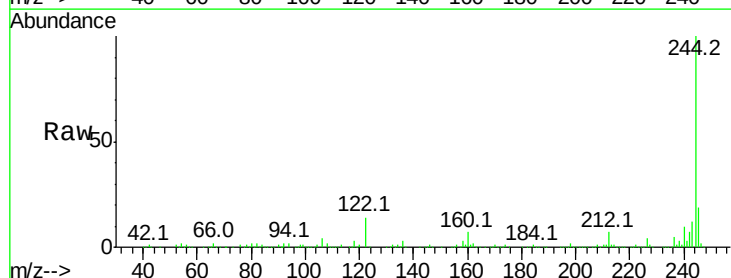


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

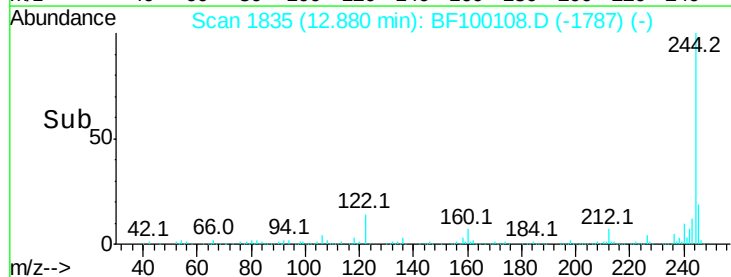
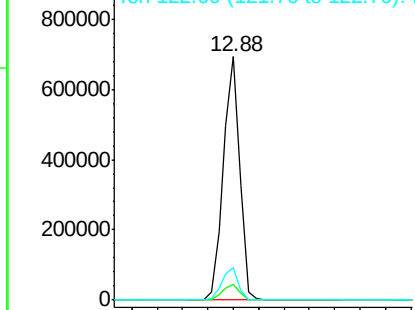


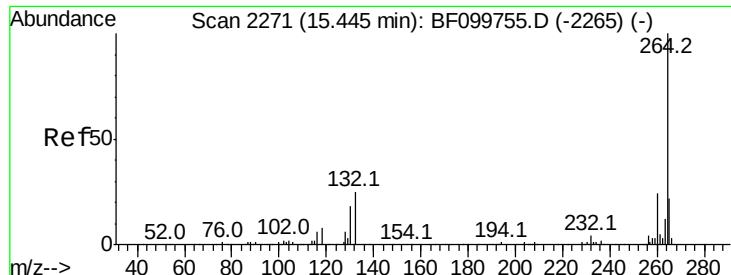
#78
 Terphenyl-d14
 Concen: 103.133 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Tgt Ion:244 Resp: 625438
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.5 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

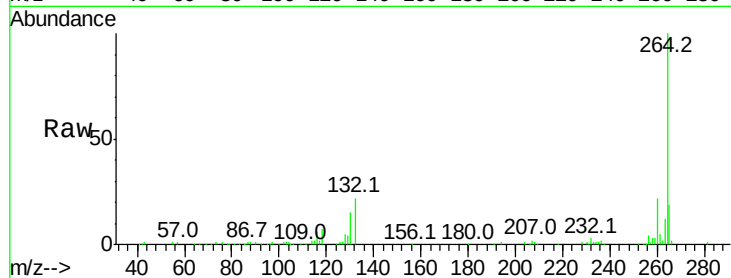




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	18.7	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

