

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101753.D
 Acq On : 27 Dec 2017 10:03
 Operator : SJ/JU
 Sample : I6684-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 10:34:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

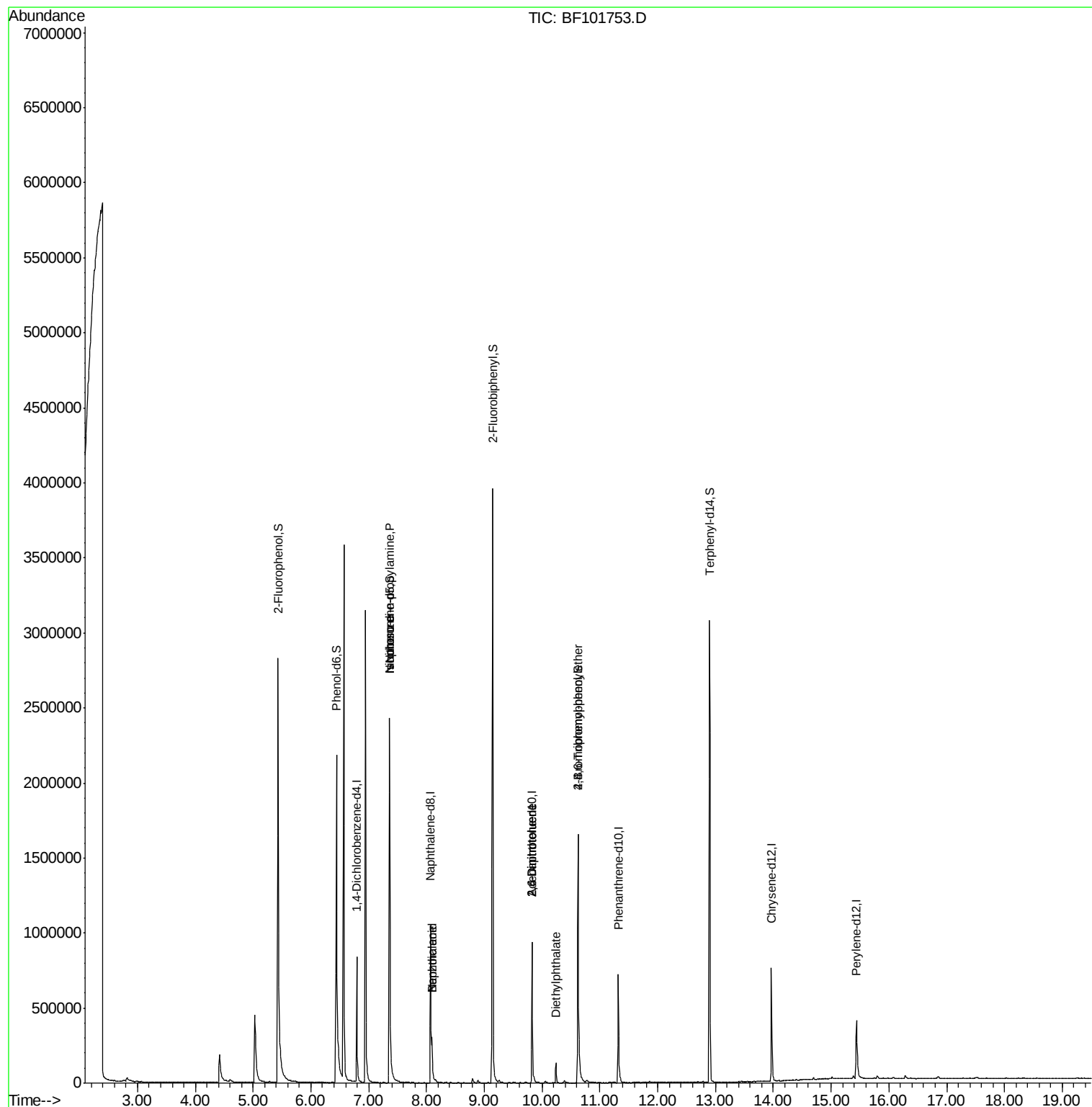
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145062	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	538904	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	207045	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	320231	20.00	ng	0.00
75) Chrysene-d12	13.97	240	305726	20.00	ng	0.00
86) Perylene-d12	15.44	264	239220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1128842	115.92	ng	0.02
7) Phenol-d6	6.44	99	1187487	97.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	942015	97.30	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	256016	128.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1419394	106.35	ng	0.00
78) Terphenyl-d14	12.90	244	1115987	88.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	124286	15.615	ng	# 81
25) Isophorone	7.36	82	942015	48.505	ng	# 64
31) Naphthalene	8.09	128	140903	5.194	ng	# 99
32) Benzoic acid	8.09	122	406	8.025	ng	# 1
50) 2,6-Dinitrotoluene	9.83	165	25713	7.597	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	25713	6.743	ng	# 24
59) Diethylphthalate	10.24	149	48727	2.955	ng	# 97
66) 4-Bromophenyl-phenylether	10.62	248	15939	4.430	ng	# 1

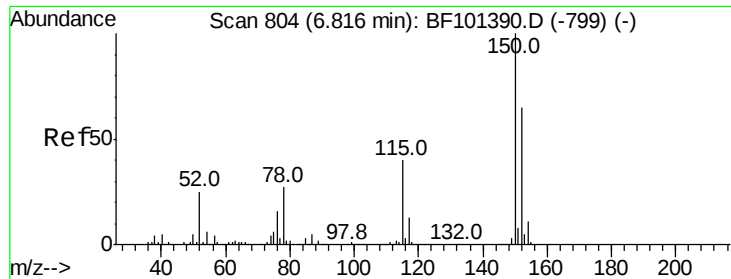
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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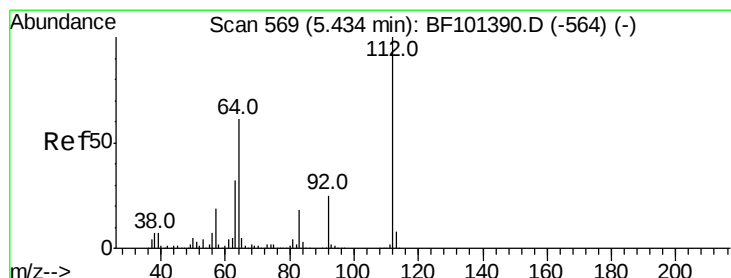
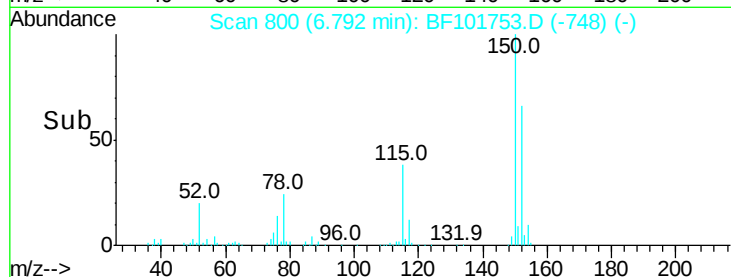
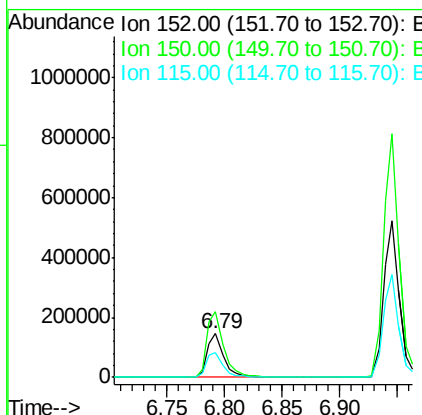
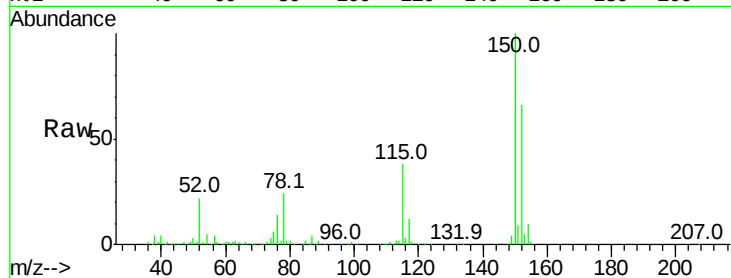




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101753.D
 Acq: 27 Dec 2017 10:03

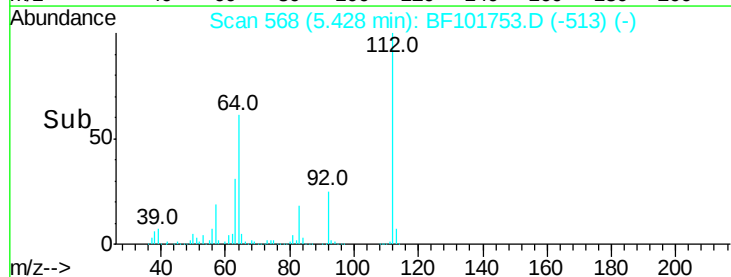
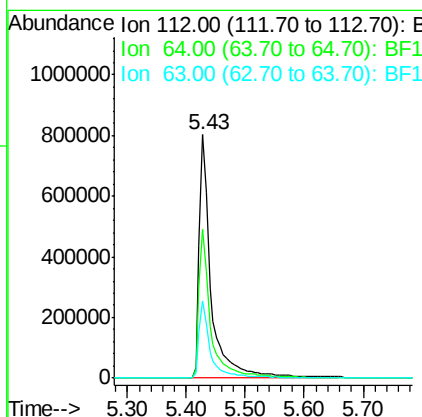
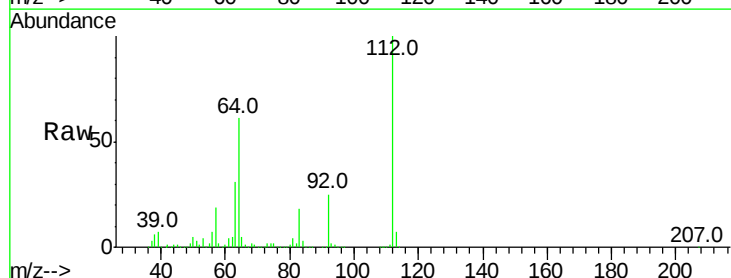
Instrument :
 BNA_F
 ClientSampled :

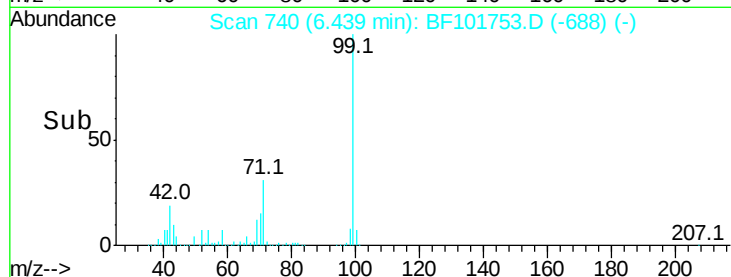
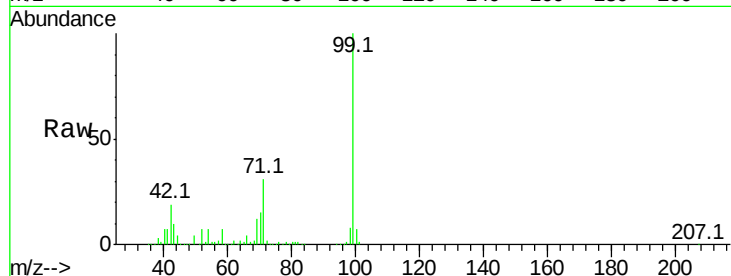
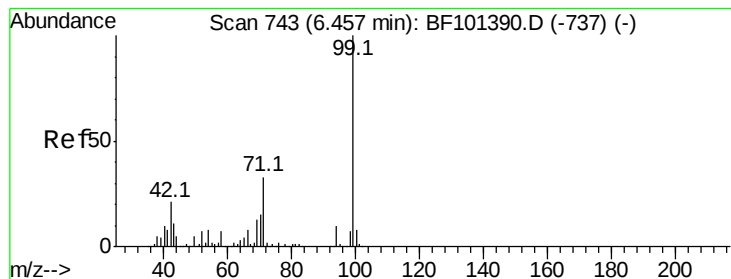
Tot Ion:152 Resp: 145062
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.6 186.8
 115 58.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 115.916 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101753.D
 Acq: 27 Dec 2017 10:03

Tgt Ion:112 Resp: 1128842
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.9 71.9
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 97.978 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Instrument :

BNA_F

ClientSampleId :

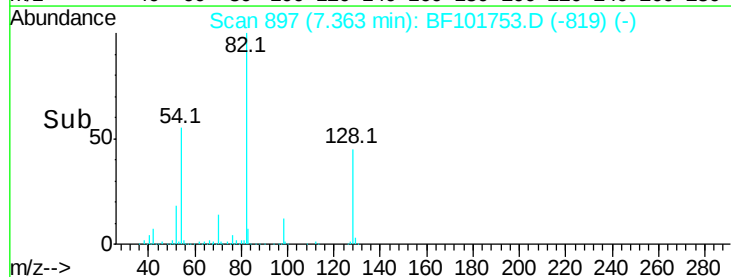
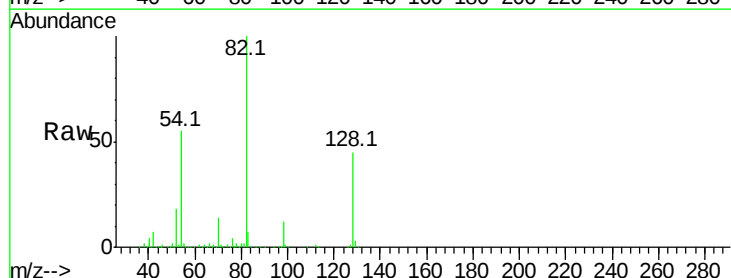
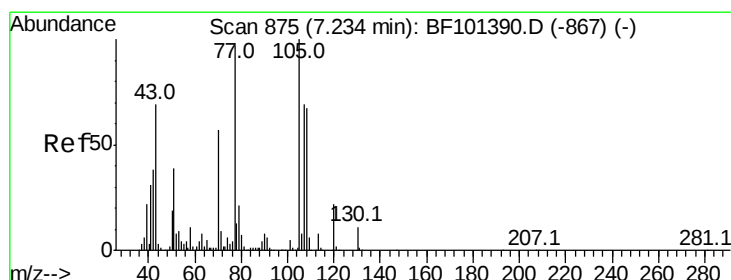
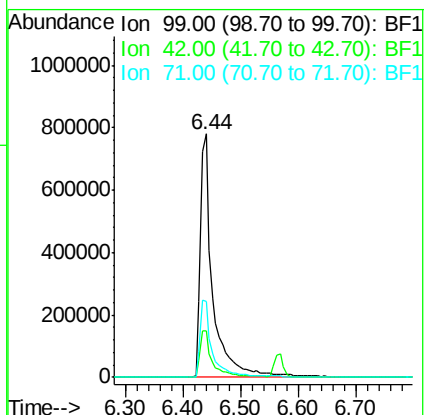
Tot Ion: 99 Resp: 1187487

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 31.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.615 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Tgt Ion: 70 Resp: 124286

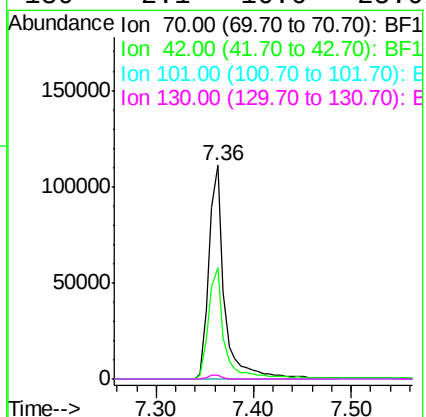
Ion Ratio Lower Upper

70 100

42 52.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

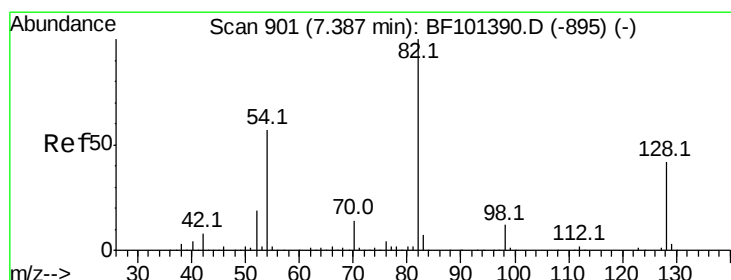
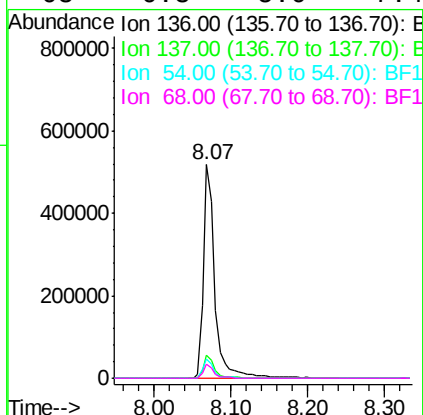
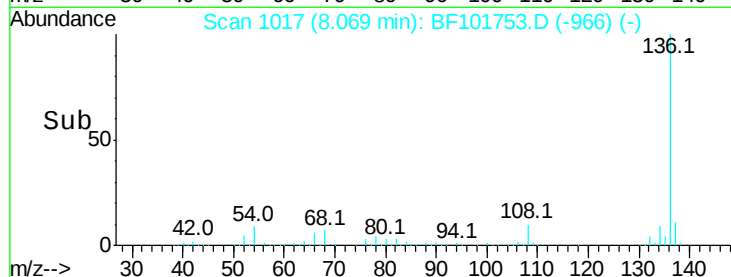
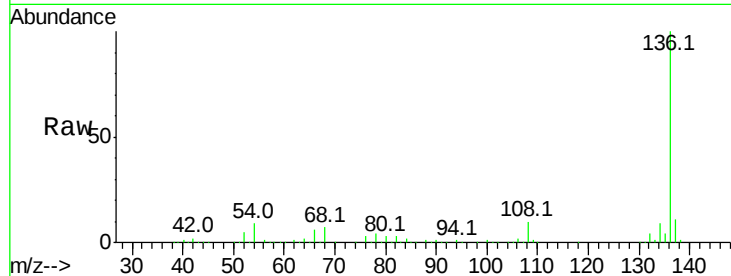




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

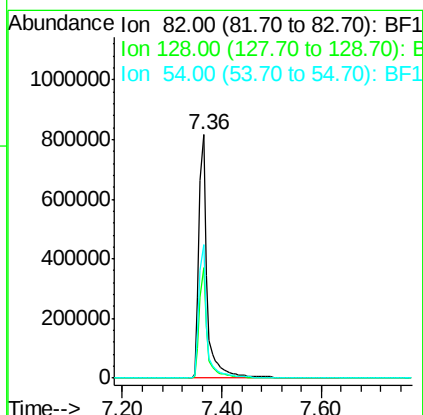
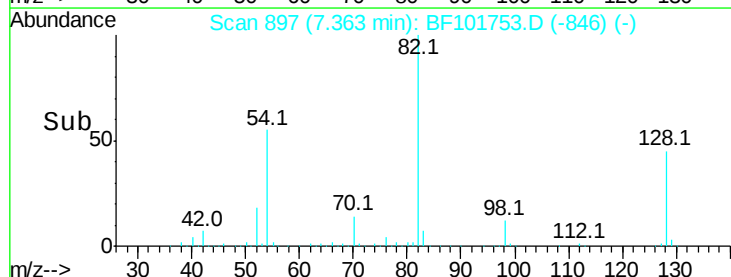
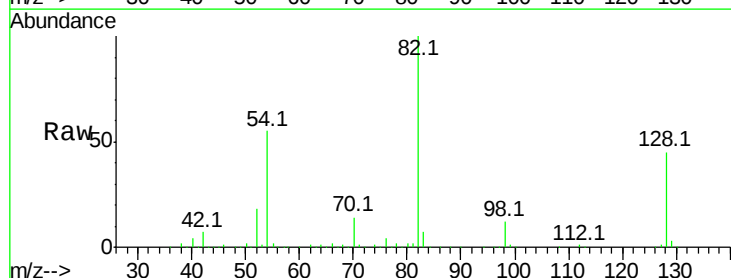
Instrument :
BNA_F
ClientSampleId :

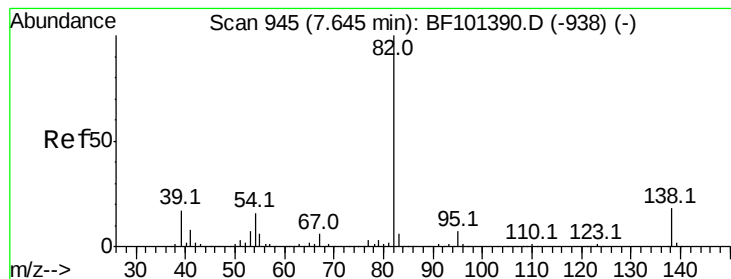
Tot Ion:	136	Resp:	538904
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	6.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 97.305 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Tgt Ion:	82	Resp:	942015
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.0	41.4	62.2





#25

Isophorone

Concen: 48.505 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Instrument :

BNA_F

ClientSampled :

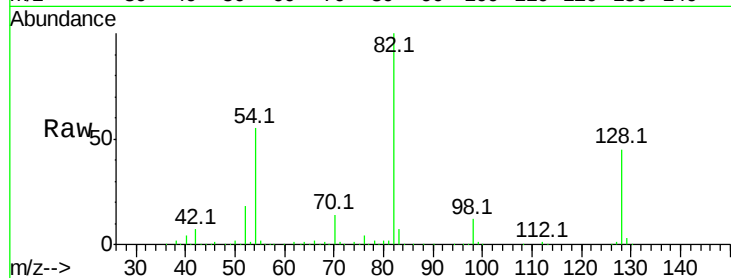
Tot Ion: 82 Resp: 942015

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

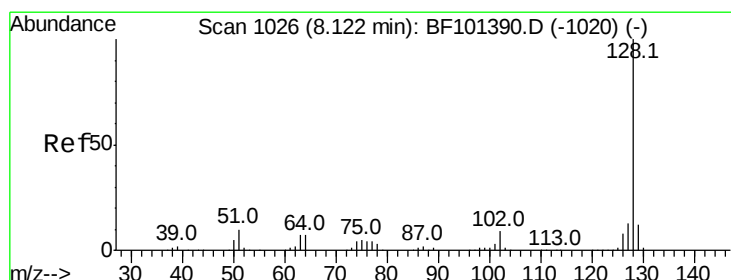
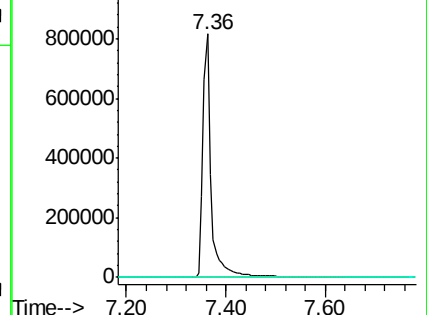
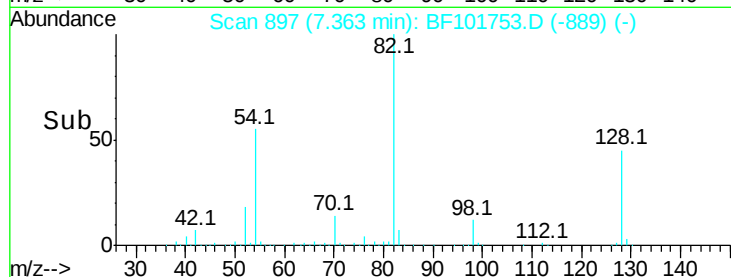
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 5.194 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

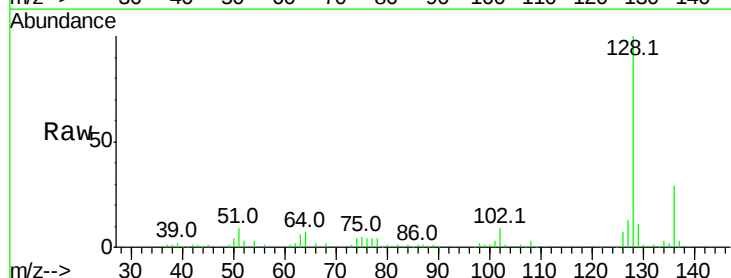
Tgt Ion: 128 Resp: 140903

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

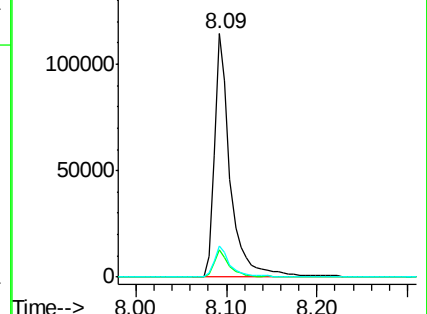
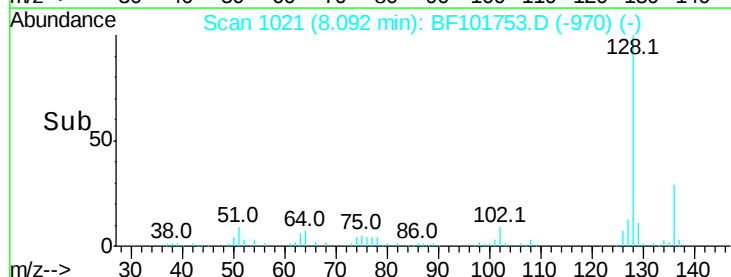
127 12.9 10.9 16.3

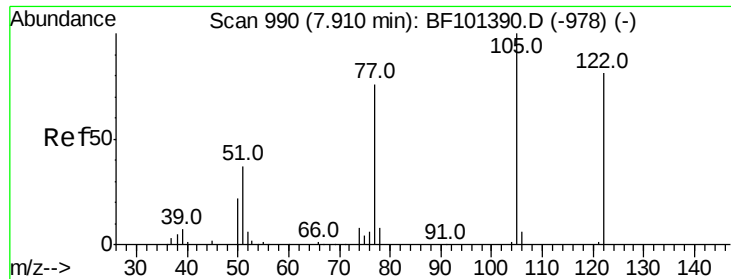


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

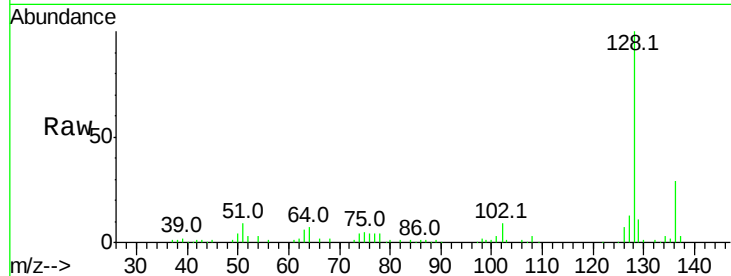




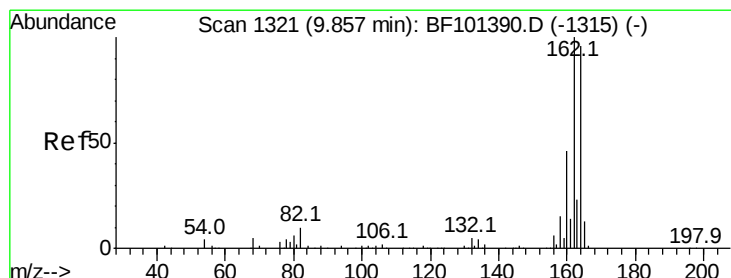
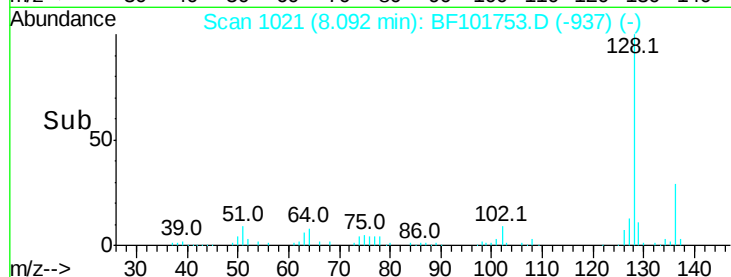
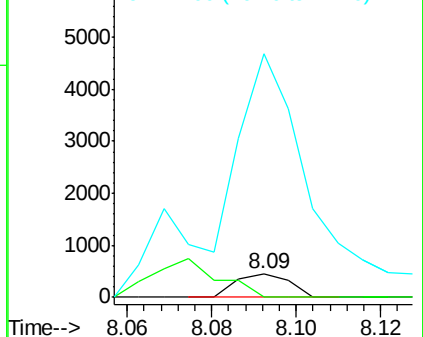
#32
Benzoic acid
Concen: 8.025 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.19 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 406
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 1033.6 70.7 110.7#

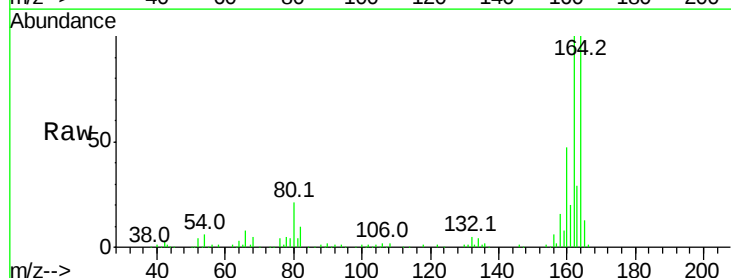


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

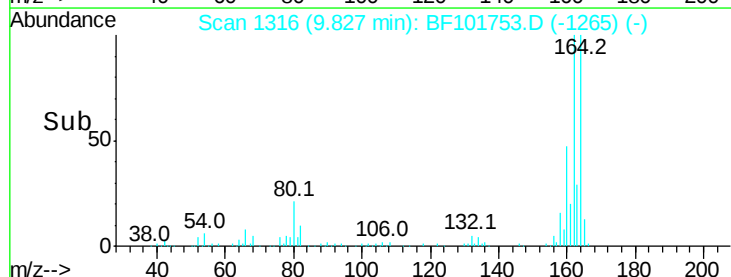
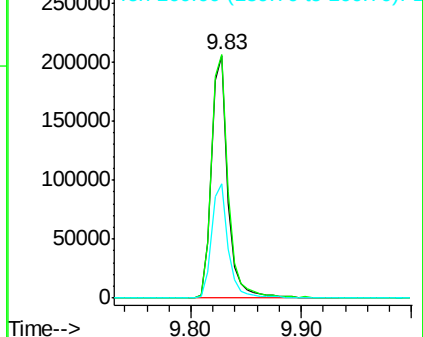


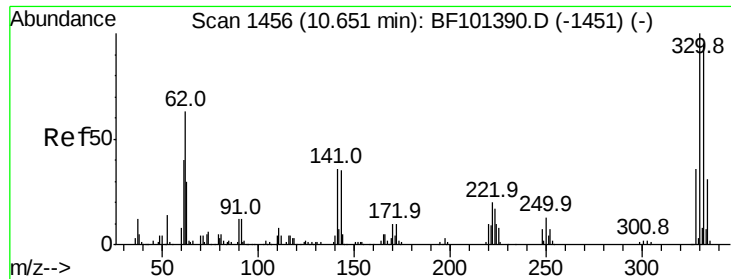
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Tgt Ion:164 Resp: 207045
Ion Ratio Lower Upper
164 100
162 100.2 86.1 129.1
160 47.3 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

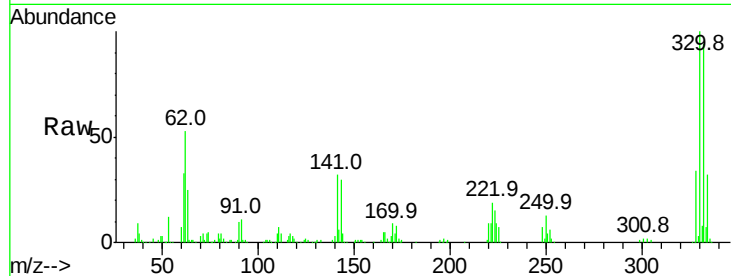




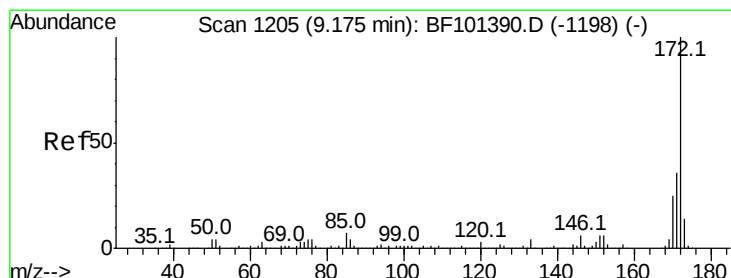
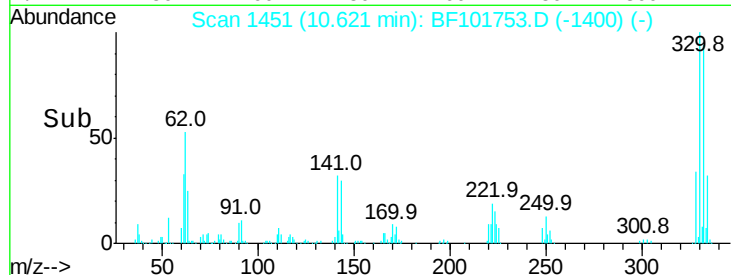
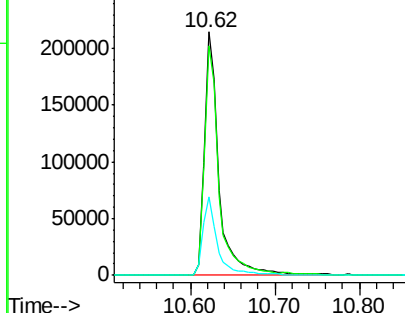
#41
 2,4,6-Tribromophenol
 Concen: 128.326 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101753.D
 Acq: 27 Dec 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.4	29.9	44.9

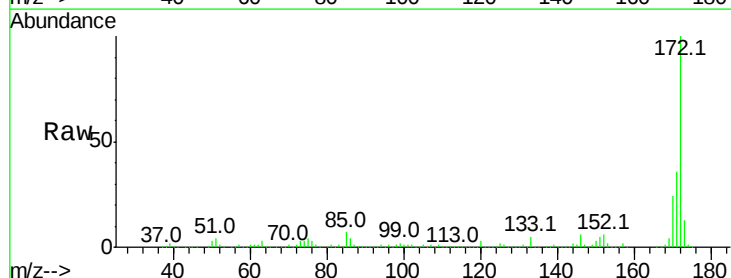


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

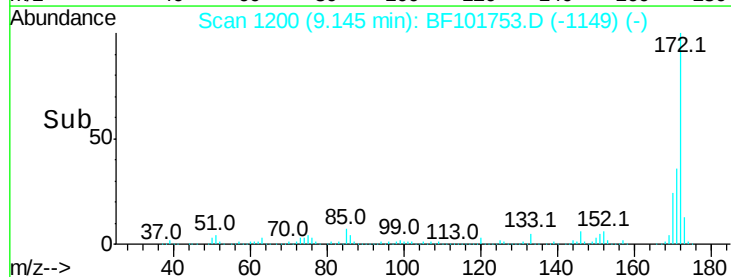
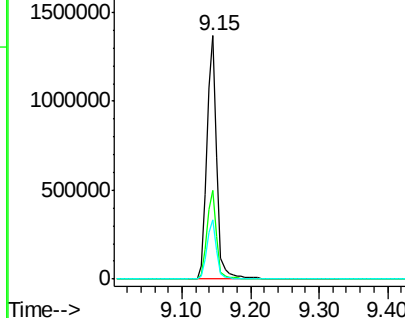


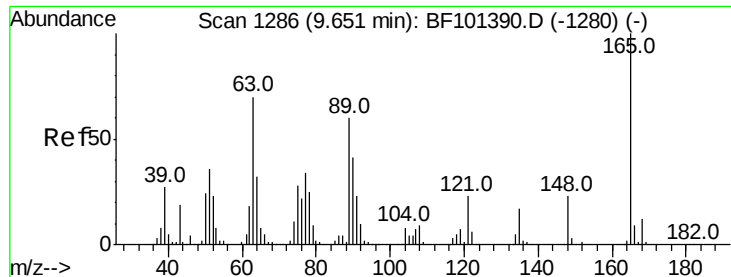
#44
 2-Fluorobiphenyl
 Concen: 106.345 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101753.D
 Acq: 27 Dec 2017 10:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	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

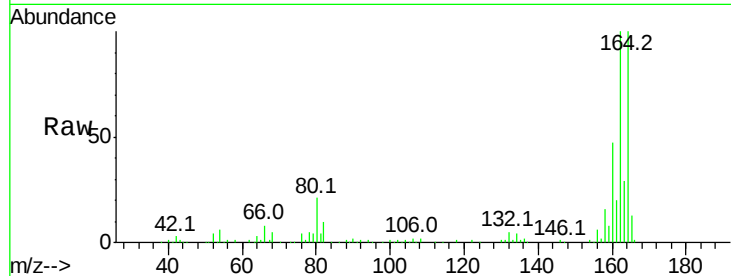




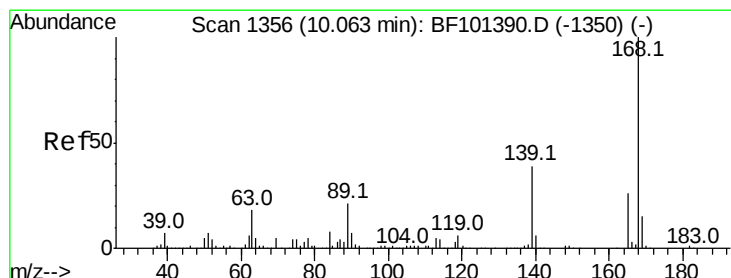
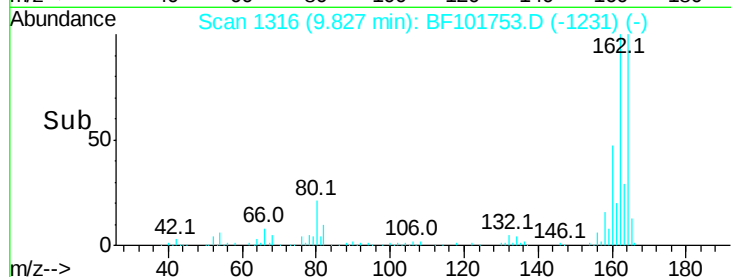
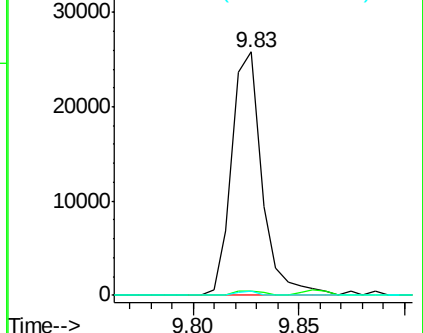
#50
2,6-Dinitrotoluene
Concen: 7.597 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.7	44.0	66.0#



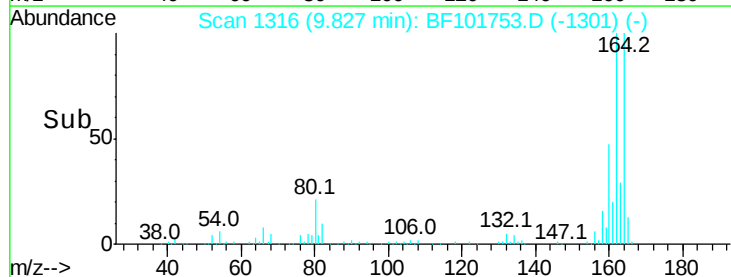
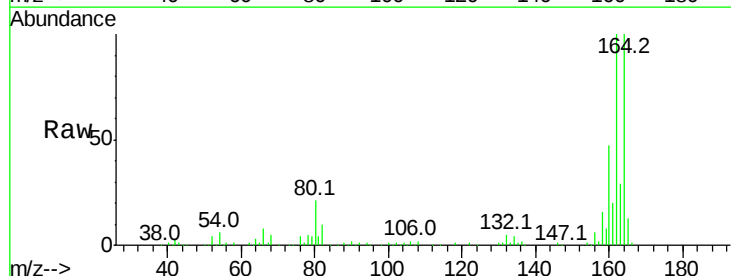
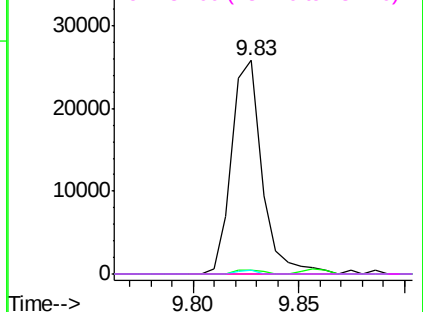
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

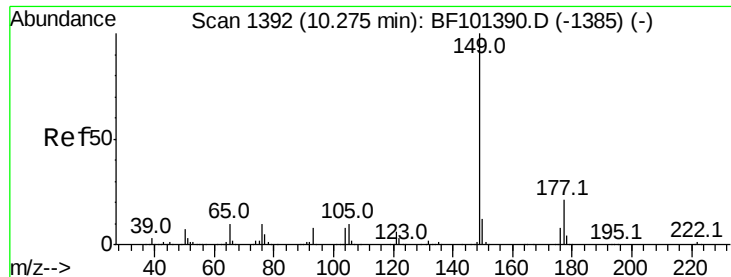


#56
2,4-Dinitrotoluene
Concen: 6.743 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	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

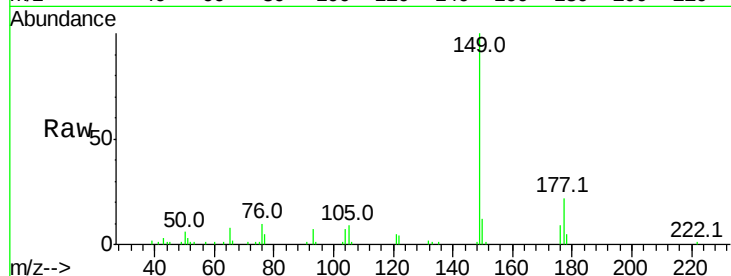




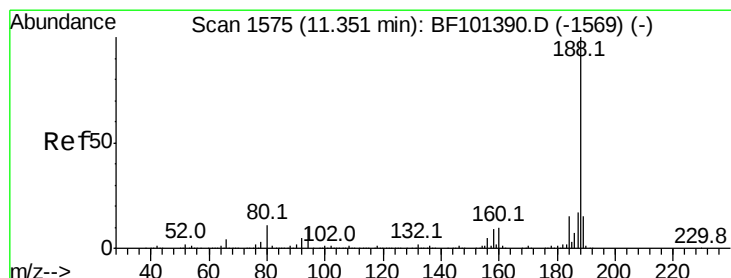
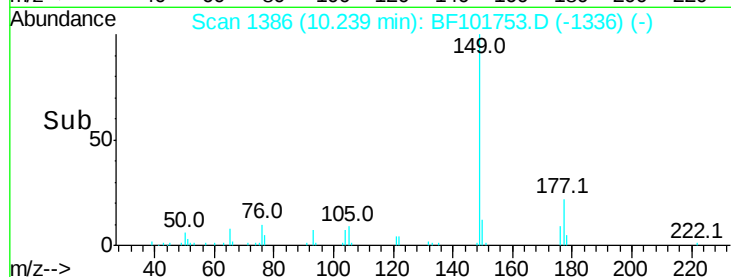
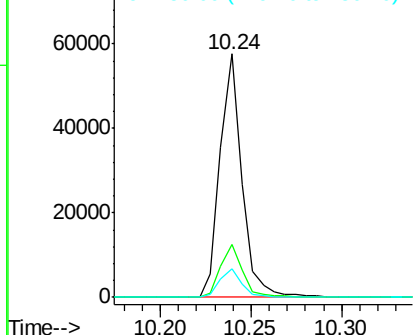
#59
Diethylphthalate
Concen: 2.955 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 48727
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 11.8 10.1 15.1

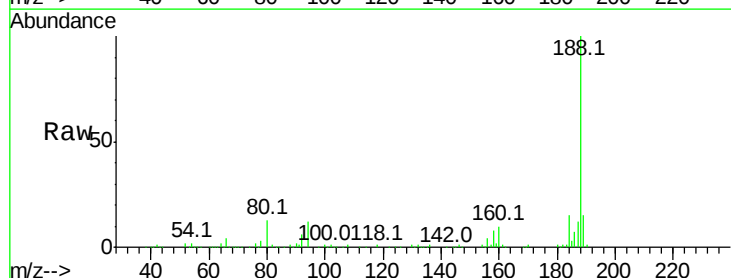


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

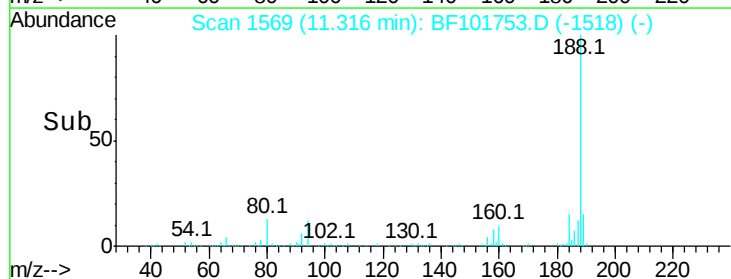
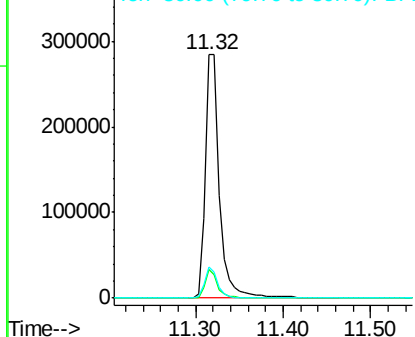


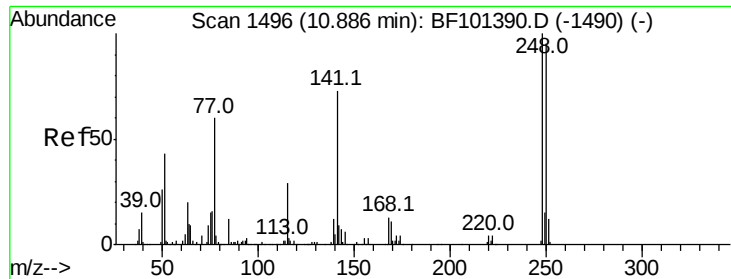
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Tgt Ion:188 Resp: 320231
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.7 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

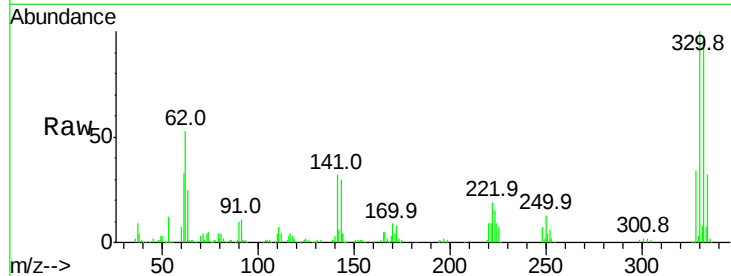




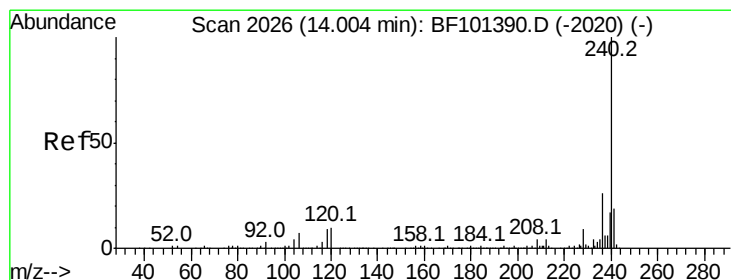
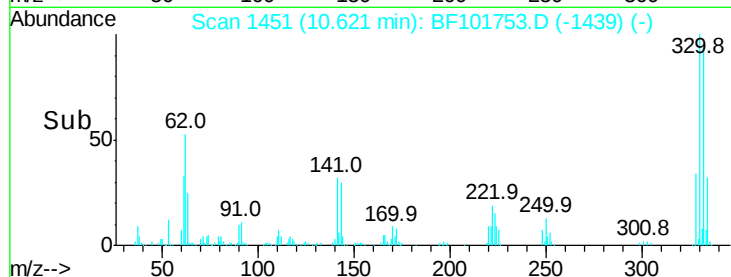
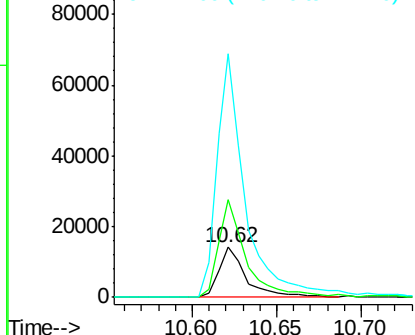
#66
4-Bromophenyl-phenylether
Concen: 4.430 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15939
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 487.6 74.4 111.6#

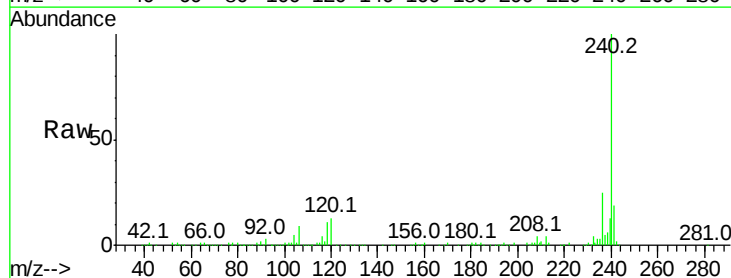


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

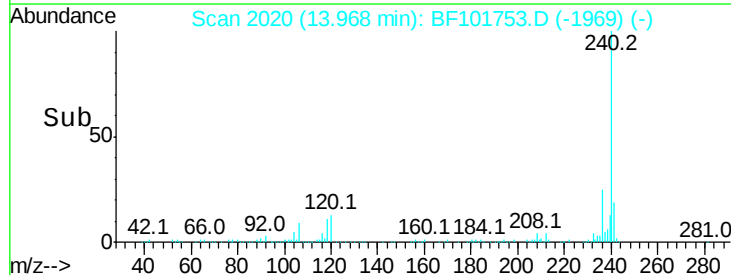
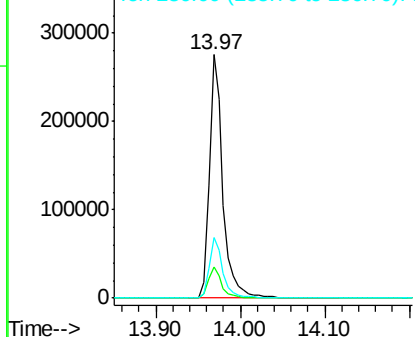


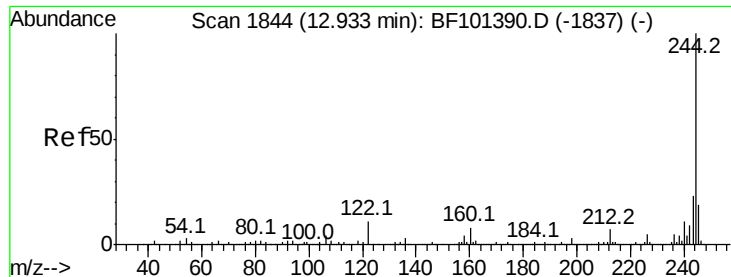
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Tgt Ion:240 Resp: 305726
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 24.8 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: 88.000 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Instrument :

BNA_F

ClientSampled :

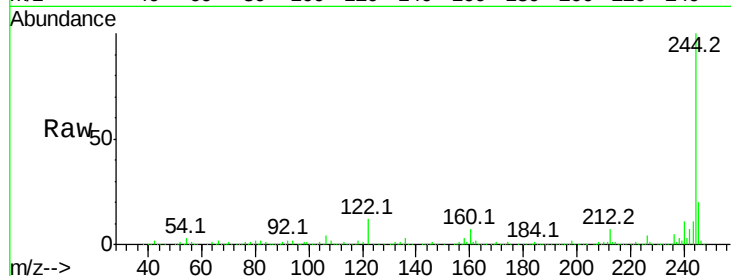
Tot Ion:244 Resp: 1115987

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

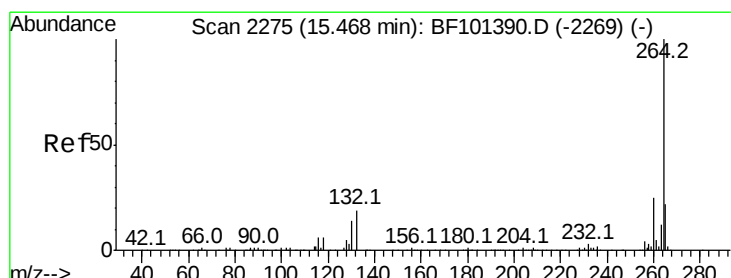
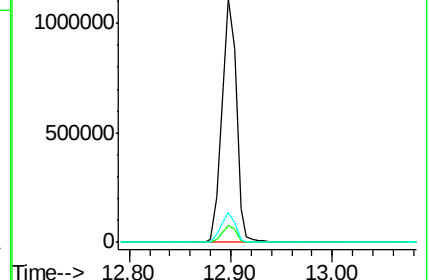
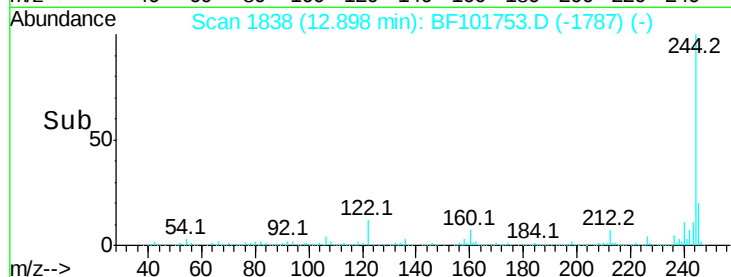
122 12.1 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

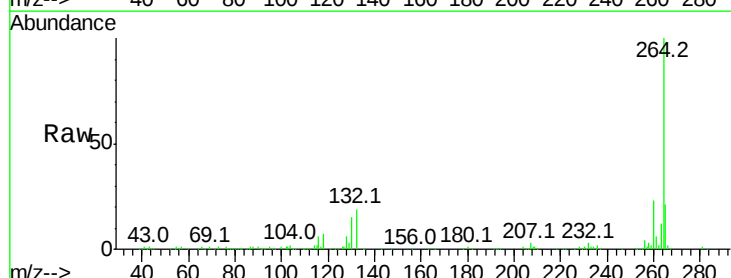
Tgt Ion:264 Resp: 239220

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 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

