

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102175.D
 Acq On : 18 Jan 2018 3:42
 Operator : SJ/JU
 Sample : J1154-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 04:29:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

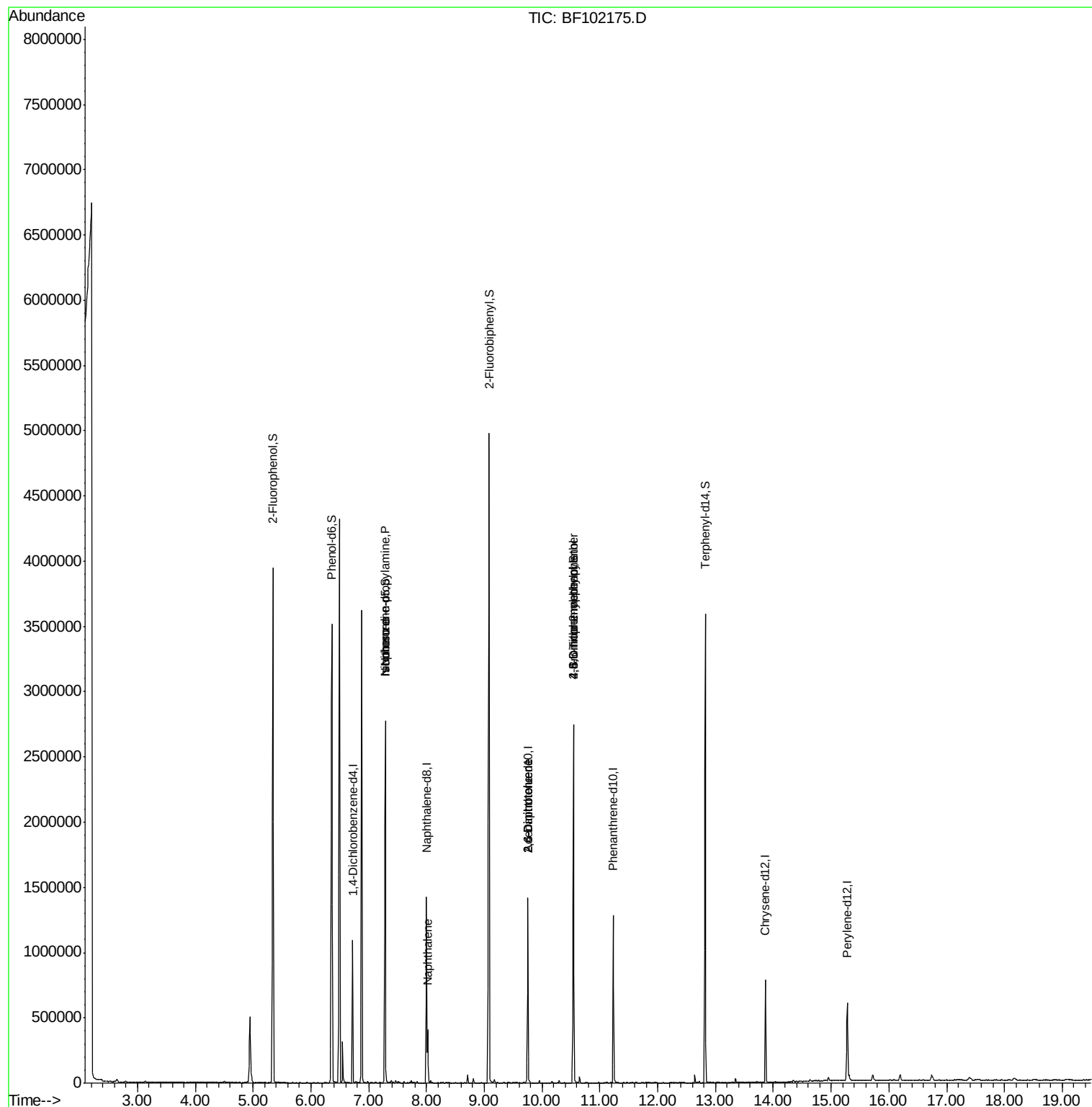
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155717	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625973	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	266109	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	414905	20.00	ng	0.00
75) Chrysene-d12	13.86	240	257002	20.00	ng	-0.01
86) Perylene-d12	15.28	264	252975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1258355	114.11	ng	0.02
7) Phenol-d6	6.36	99	1369338	104.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	1061623	99.66	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	337456	145.31	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1781257	104.57	ng	0.00
78) Terphenyl-d14	12.82	244	1295039	104.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	142467	16.523	ng	# 80
25) Isophorone	7.29	82	1057737	50.253	ng	# 64
31) Naphthalene	8.02	128	163756	5.235	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	33668	7.896	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	33668	6.299	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	683	5.930	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	21985	5.018	ng	# 1

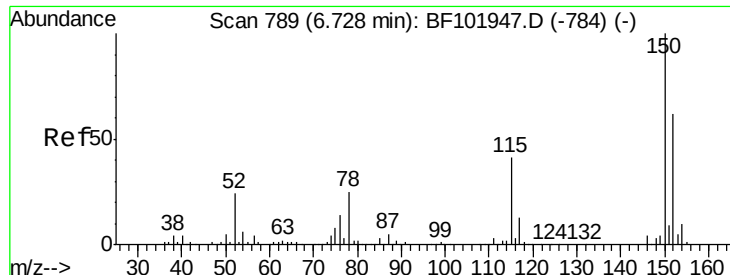
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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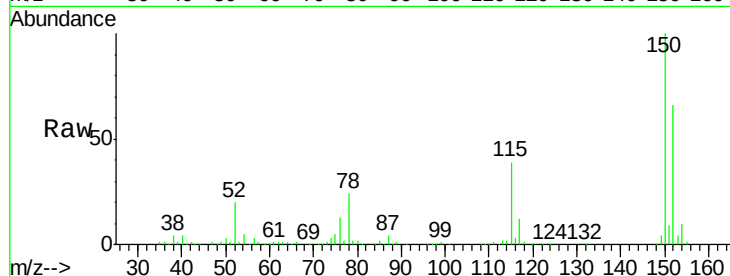


#1

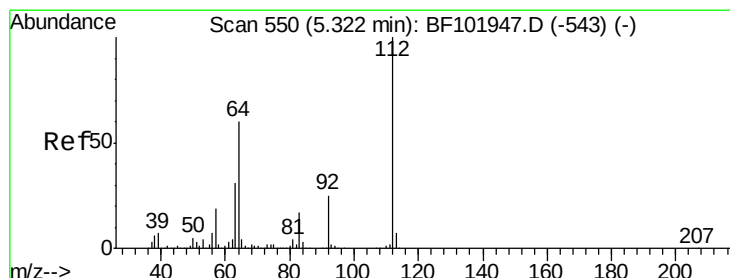
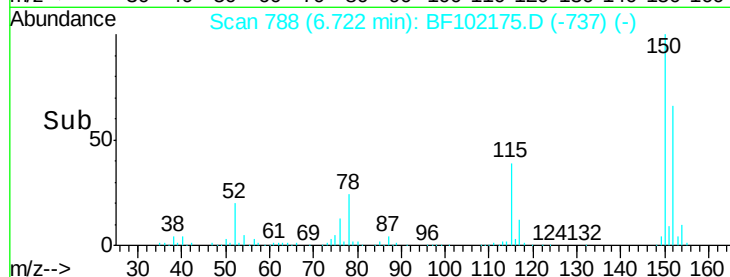
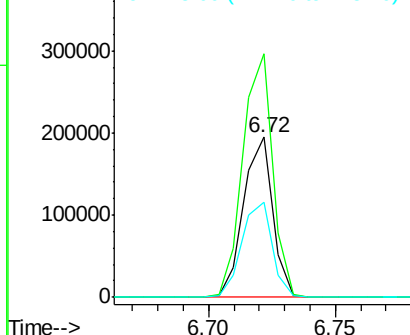
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	59.9	50.1	75.1



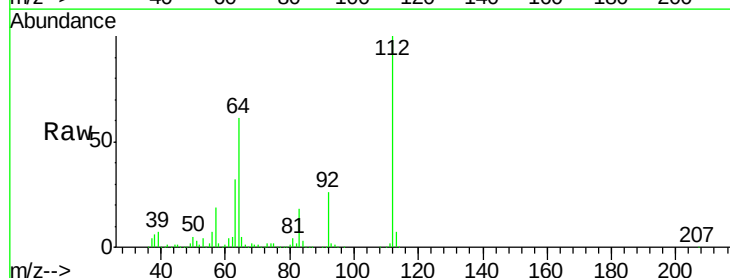
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



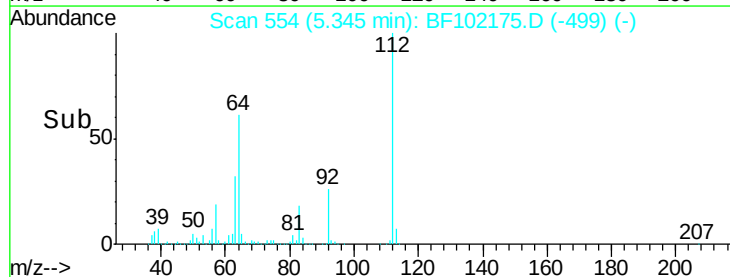
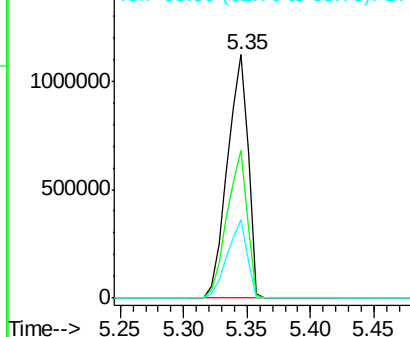
#5

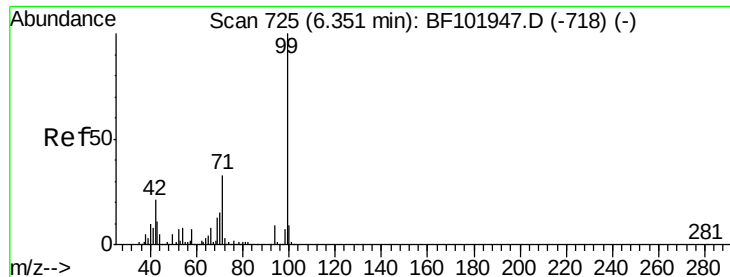
2-Fluorophenol
 Concen: 114.111 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	32.0	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: 104.077 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

Instrument :

BNA_F

ClientSampleId :

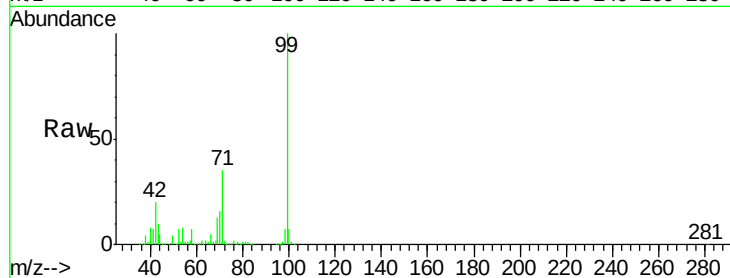
Tot Ion: 99 Resp: 1369338

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

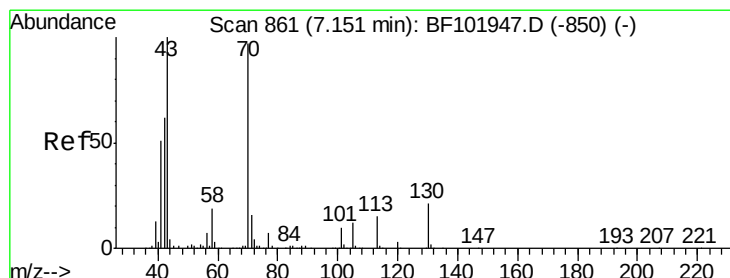
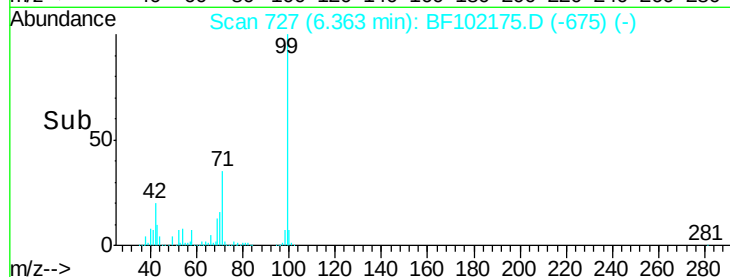
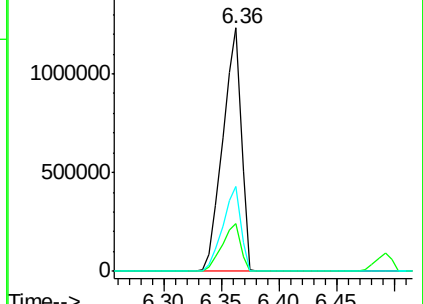
71 35.0 25.4 38.0



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: 16.523 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

Tgt Ion: 70 Resp: 142467

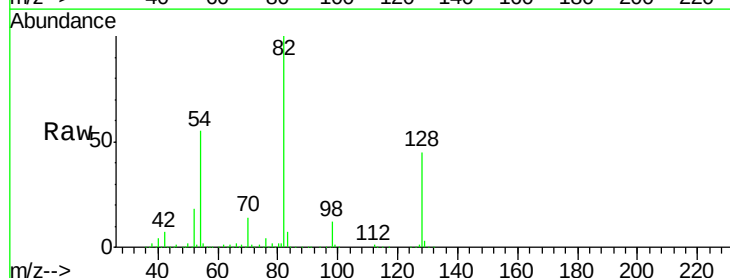
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

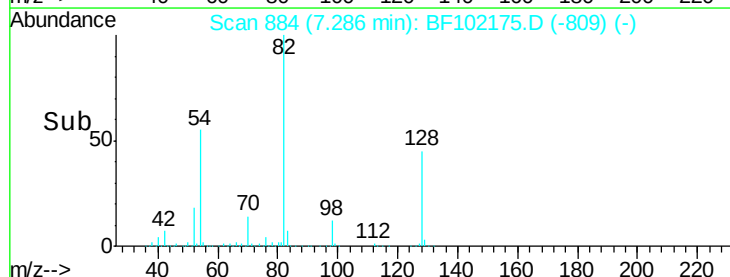
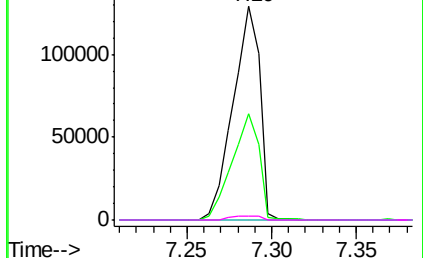


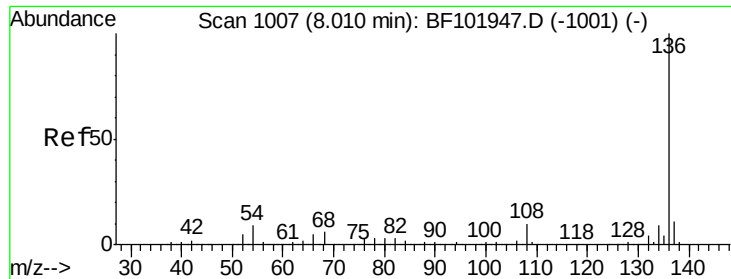
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

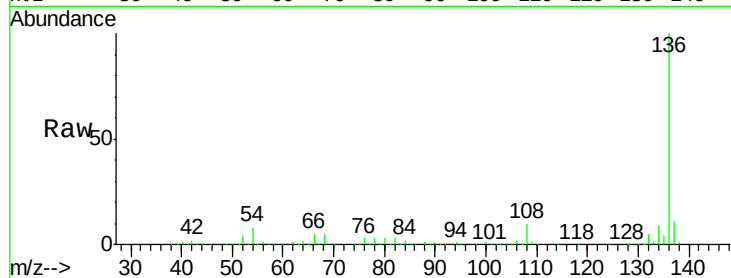




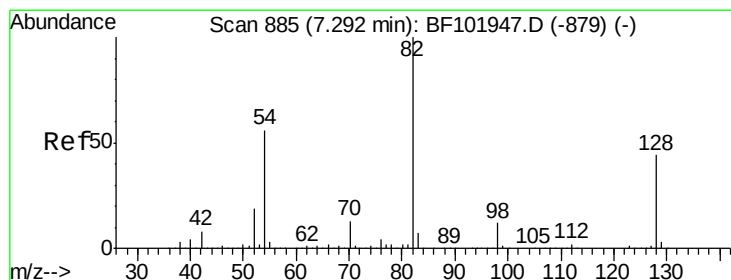
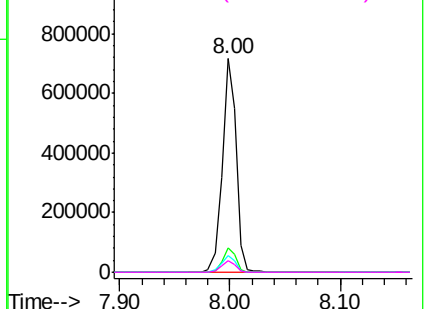
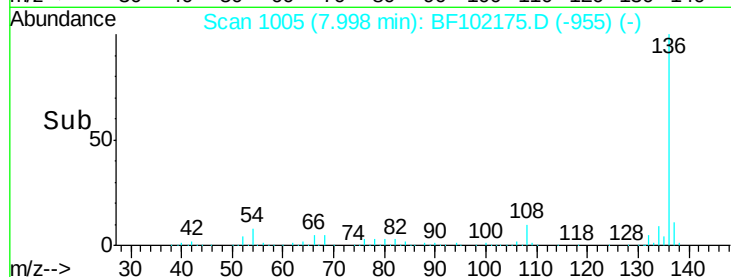
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102175.D
Acq: 18 Jan 2018 3:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	625973
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.9	6.6 9.8
68	5.2	5.0 7.4

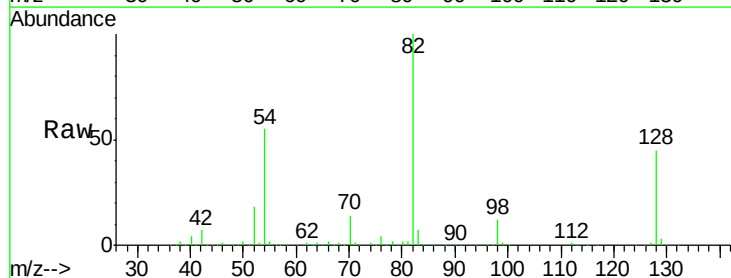


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

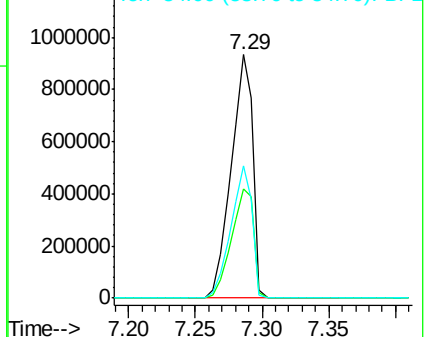
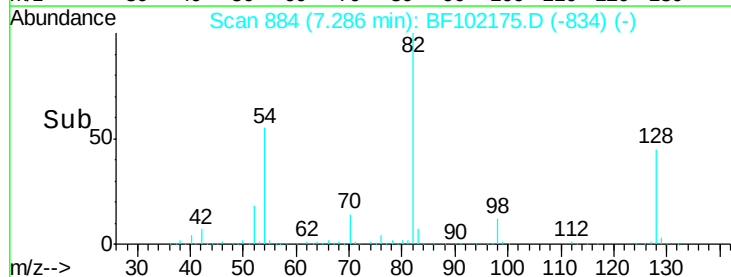


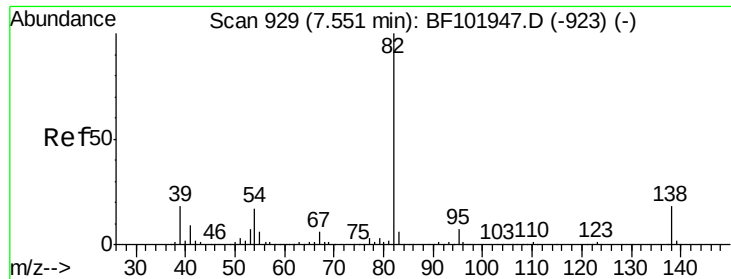
#23
Nitrobenzene-d5
Concen: 99.661 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102175.D
Acq: 18 Jan 2018 3:42

Tgt Ion: 82	Resp:	1061623
Ion Ratio	Lower	Upper
82	100	
128	44.9	36.1 54.1
54	54.6	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: 50.253 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

Instrument :

BNA_F

ClientSampled :

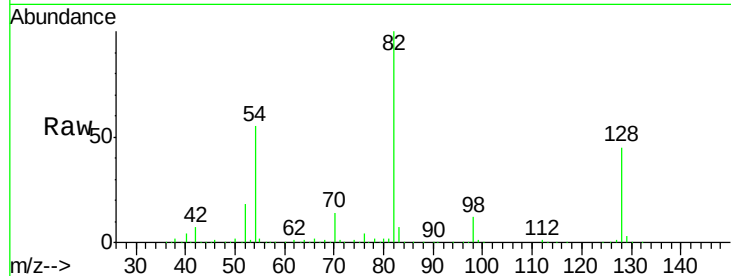
Tot Ion: 82 Resp: 1057737

Ion Ratio Lower Upper

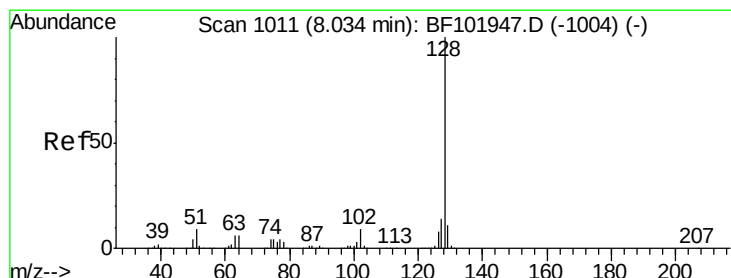
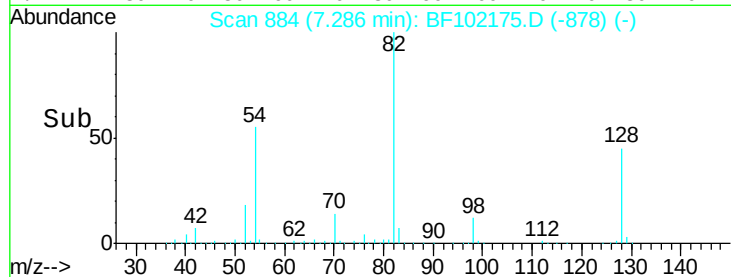
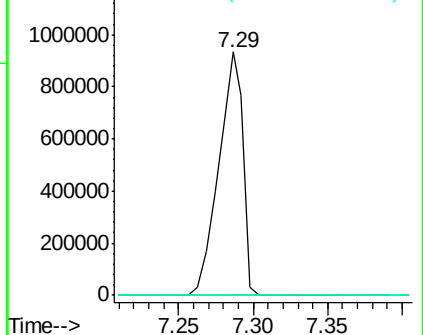
82 100

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: 5.235 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

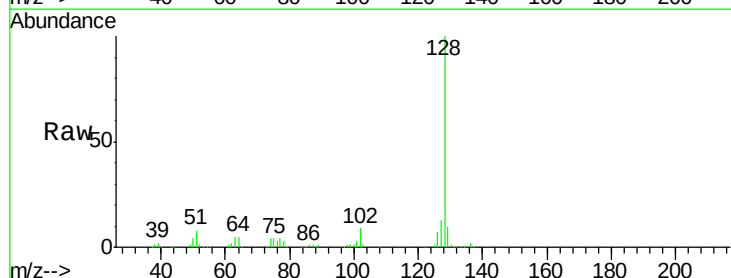
Tgt Ion: 128 Resp: 163756

Ion Ratio Lower Upper

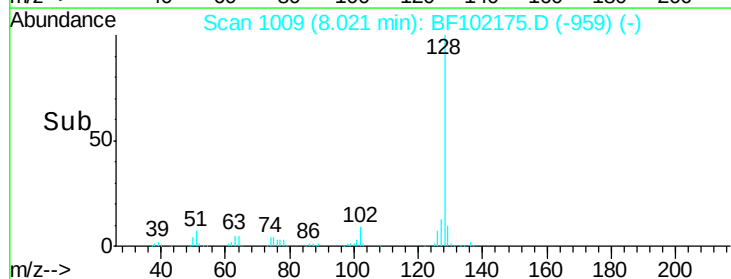
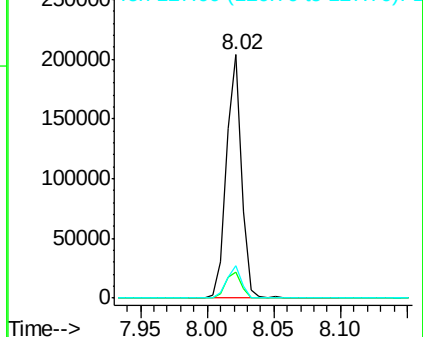
128 100

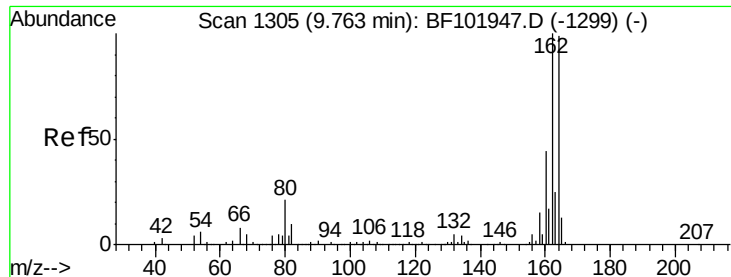
129 10.4 8.8 13.2

127 13.3 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

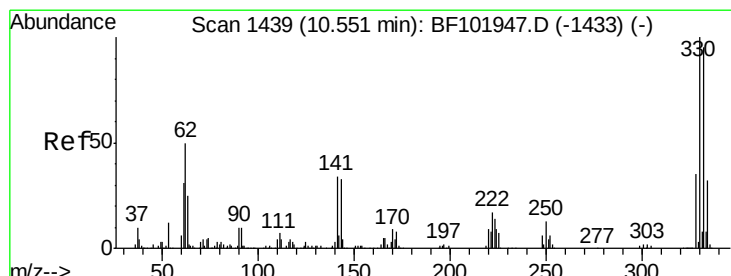
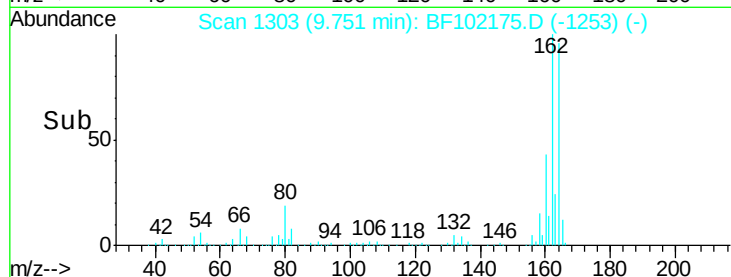
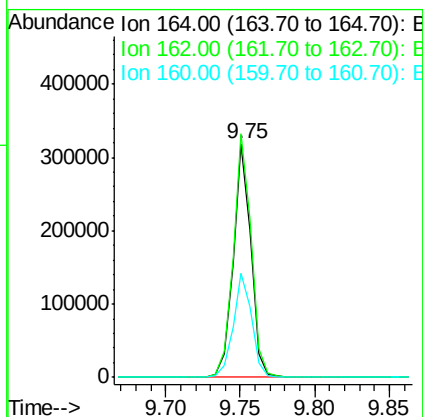
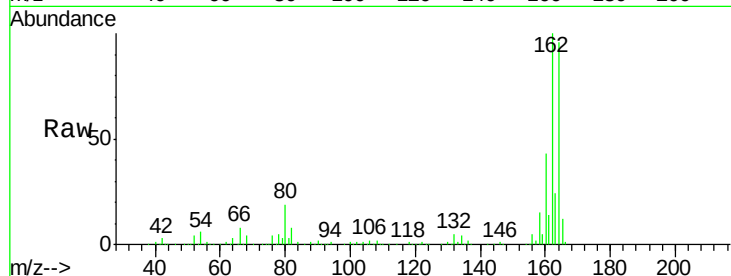




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

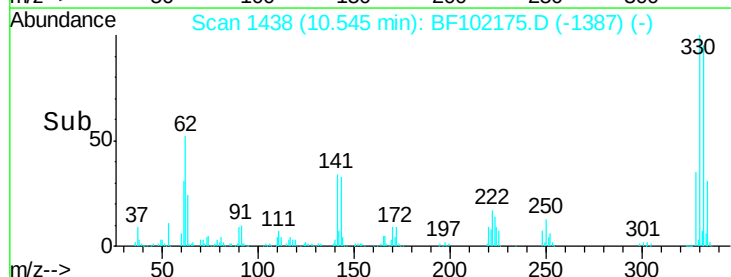
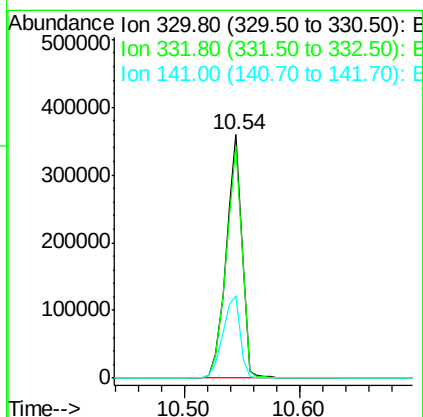
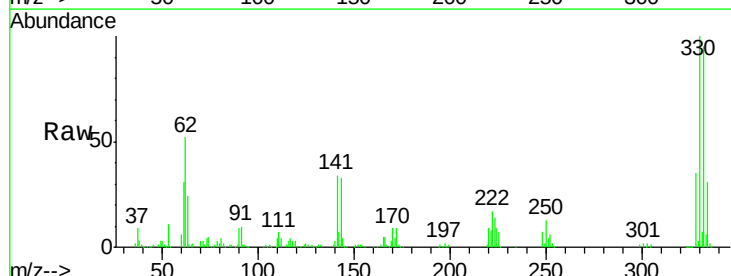
Instrument :
 BNA_F
 ClientSampleId :

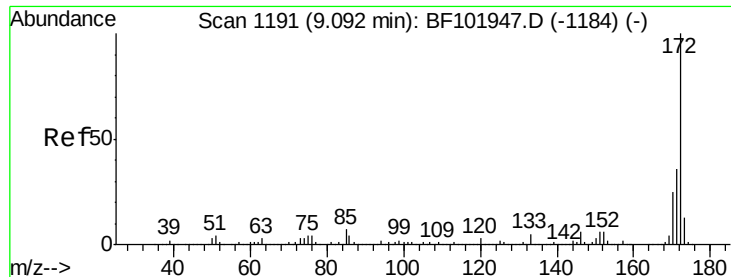
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	44.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 145.311 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.4	29.9	44.9



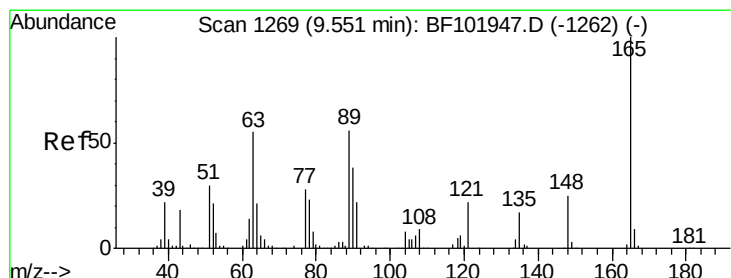
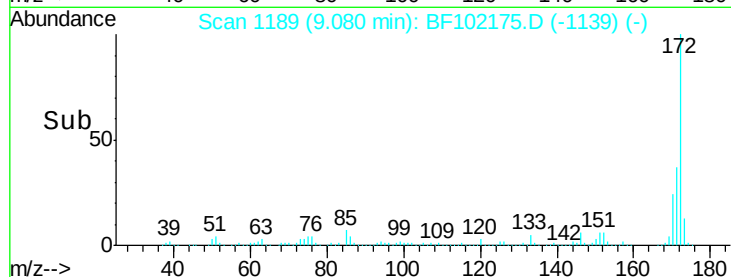
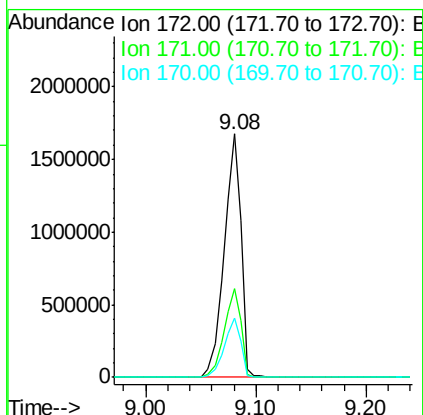
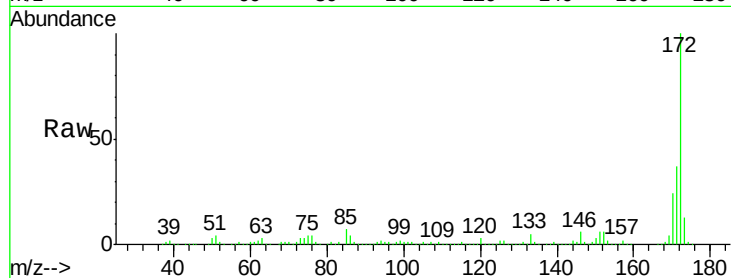


#44
 2-Fluorobiphenyl
 Concen: 104.574 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1781257

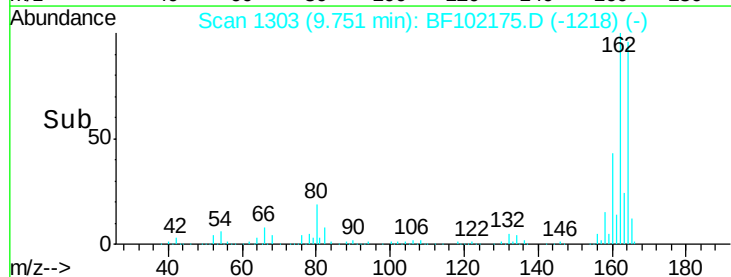
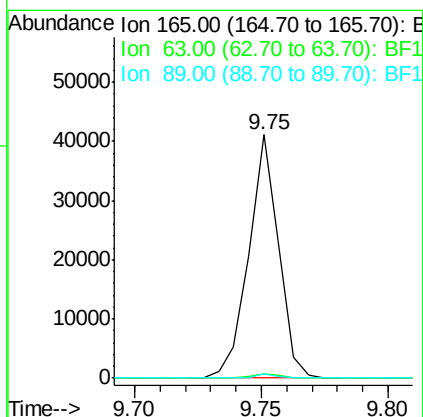
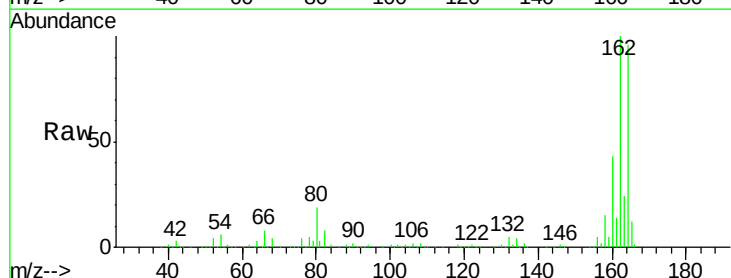
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

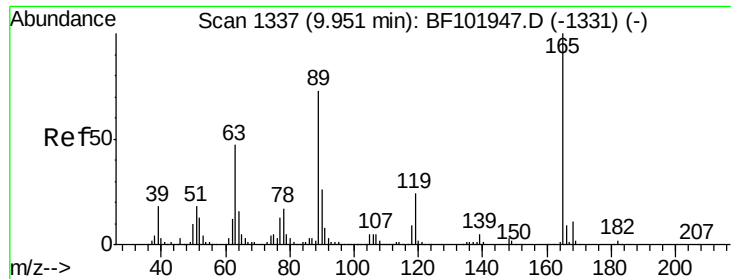


#50
 2,6-Dinitrotoluene
 Concen: 7.896 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion:165 Resp: 33668

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#

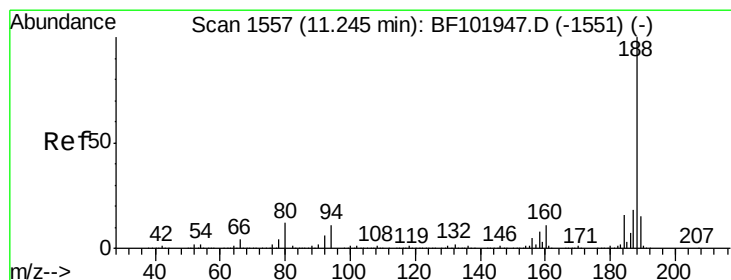
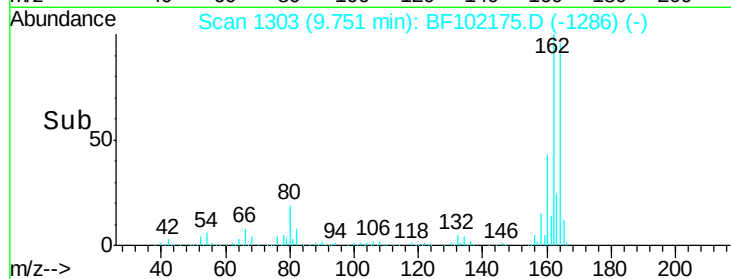
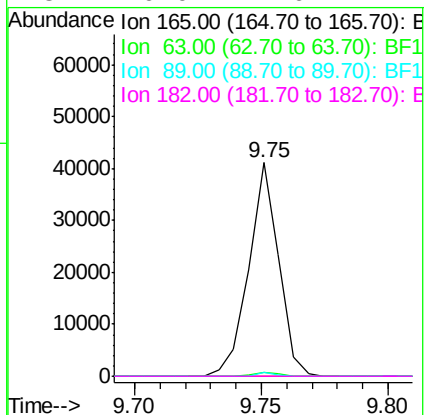
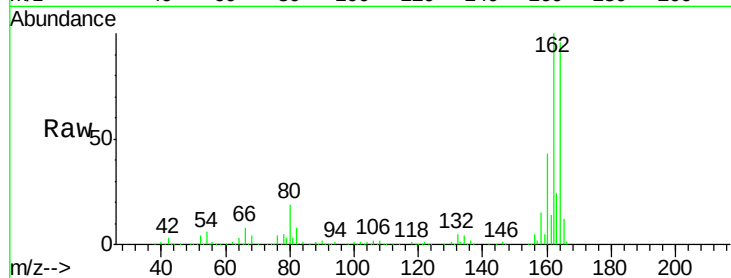




#56
 2,4-Dinitrotoluene
 Concen: 6.299 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

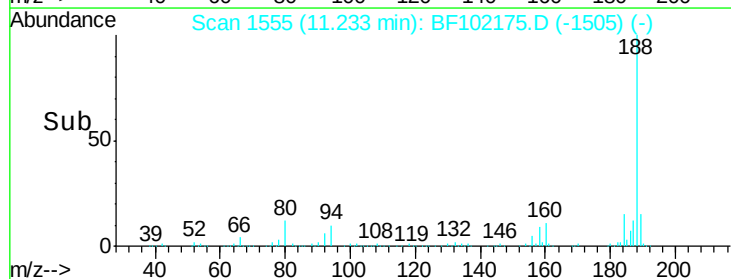
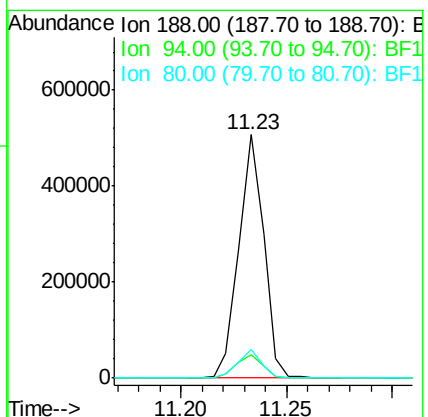
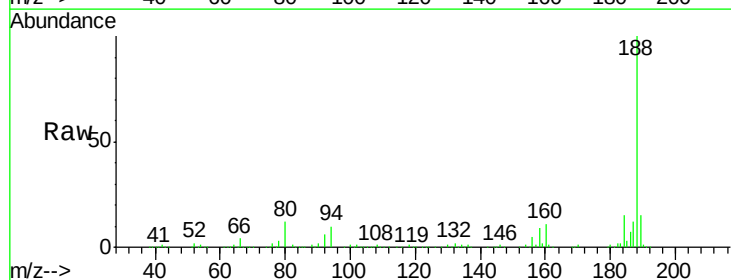
Instrument :
 BNA_F
 ClientSampleId :

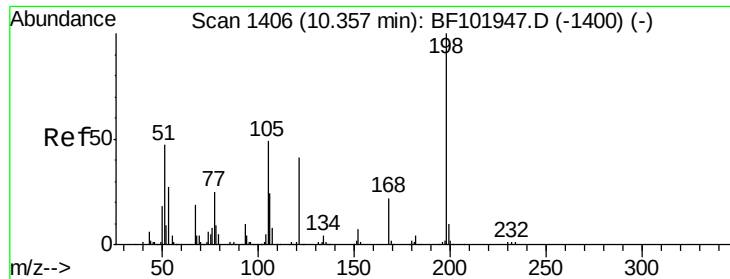
Tot Ion:	165	Resp:	33668
Ion Ratio	Lower	Upper	
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion:	188	Resp:	414905
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	11.5	9.2	13.8

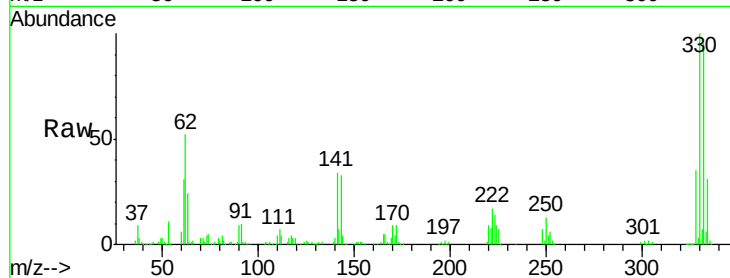




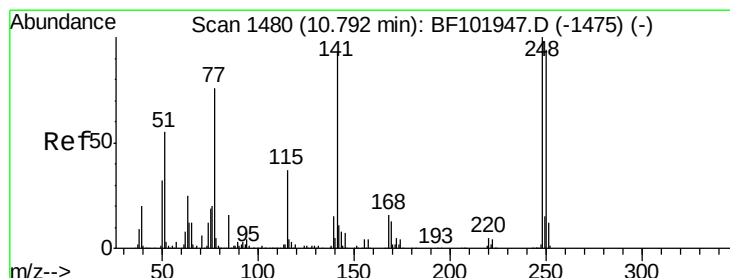
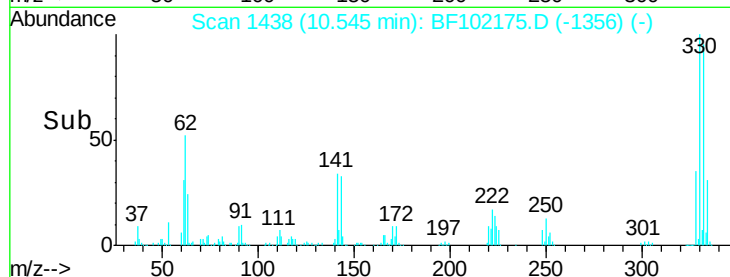
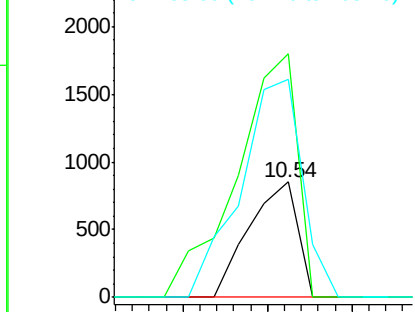
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.930 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 683
 Ion Ratio Lower Upper
 198 100
 51 211.6 37.7 77.7#
 105 189.1 36.3 76.3#

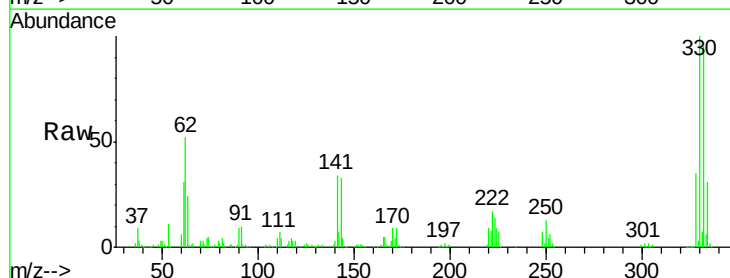


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

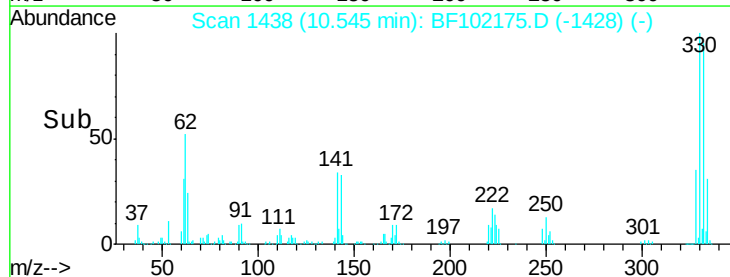
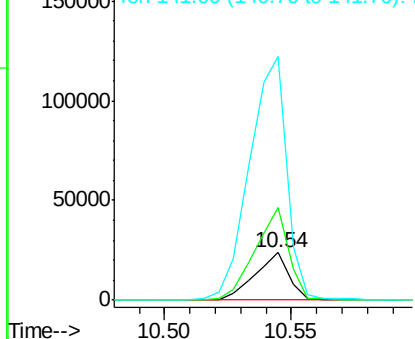


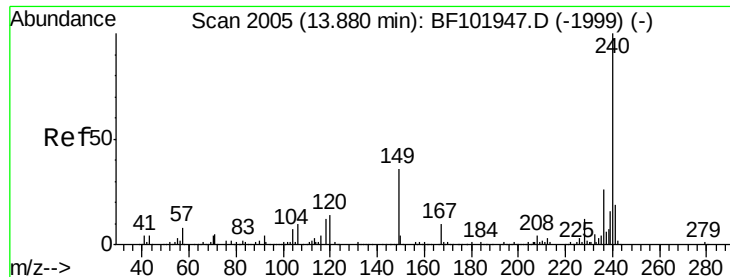
#66
 4-Bromophenyl-phenylether
 Concen: 5.018 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion:248 Resp: 21985
 Ion Ratio Lower Upper
 248 100
 250 196.2 76.9 115.3#
 141 513.7 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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

Instrument :

BNA_F

ClientSampleId :

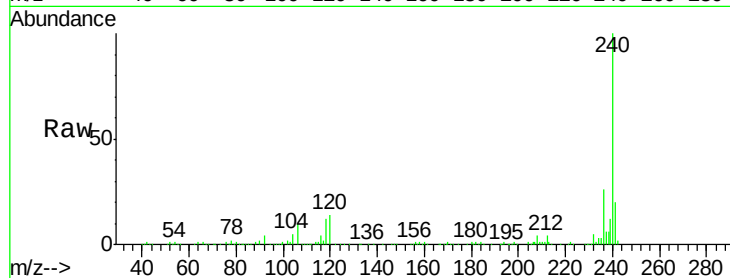
Tot Ion:240 Resp: 257002

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

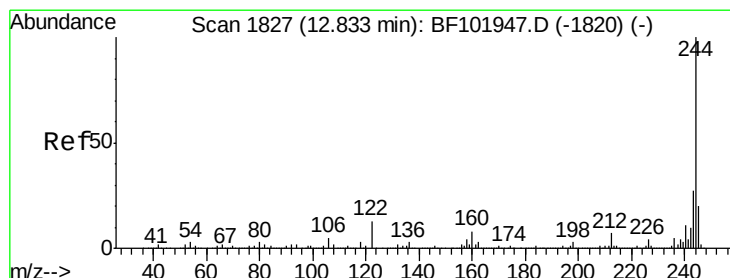
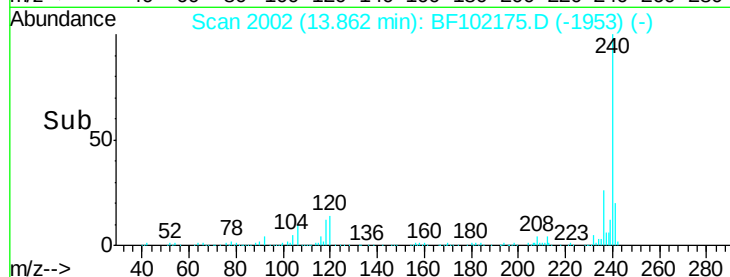
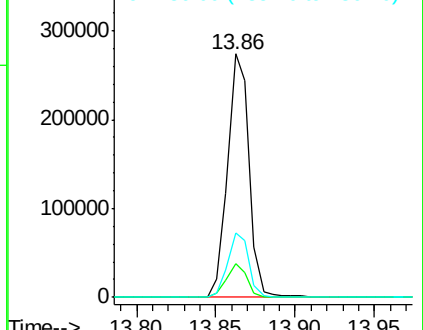
236 26.3 20.7 31.1



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: 104.623 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

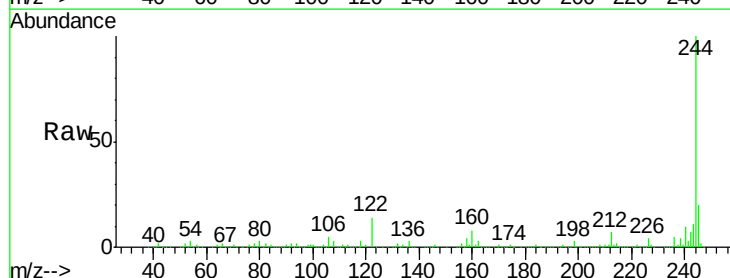
Tgt Ion:244 Resp: 1295039

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

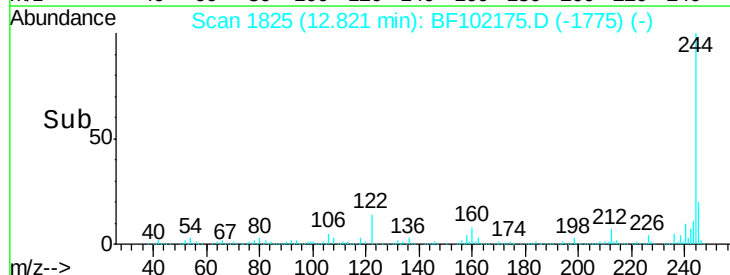
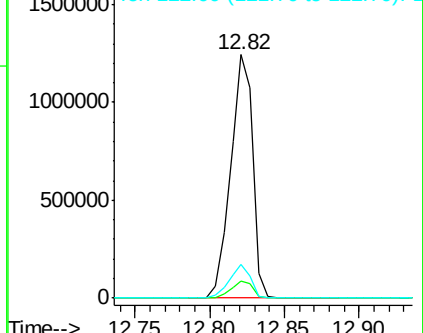
122 13.8 11.0 16.4

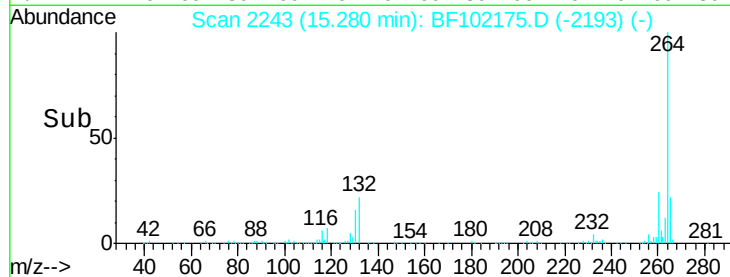
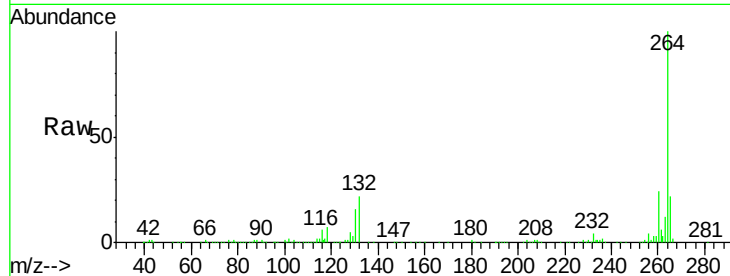
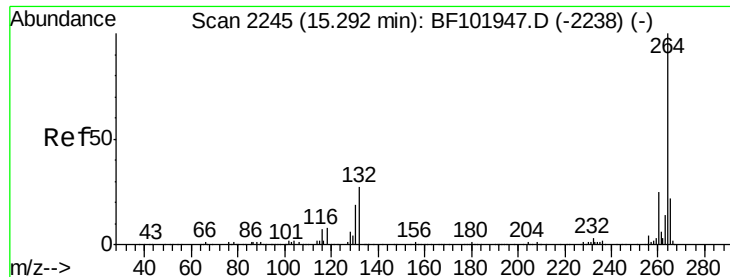


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102175.D
Acq: 18 Jan 2018 3:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	252975
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

