

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101975.D
 Acq On : 10 Jan 2018 1:31
 Operator : SJ/JU
 Sample : J1038-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 03:26:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

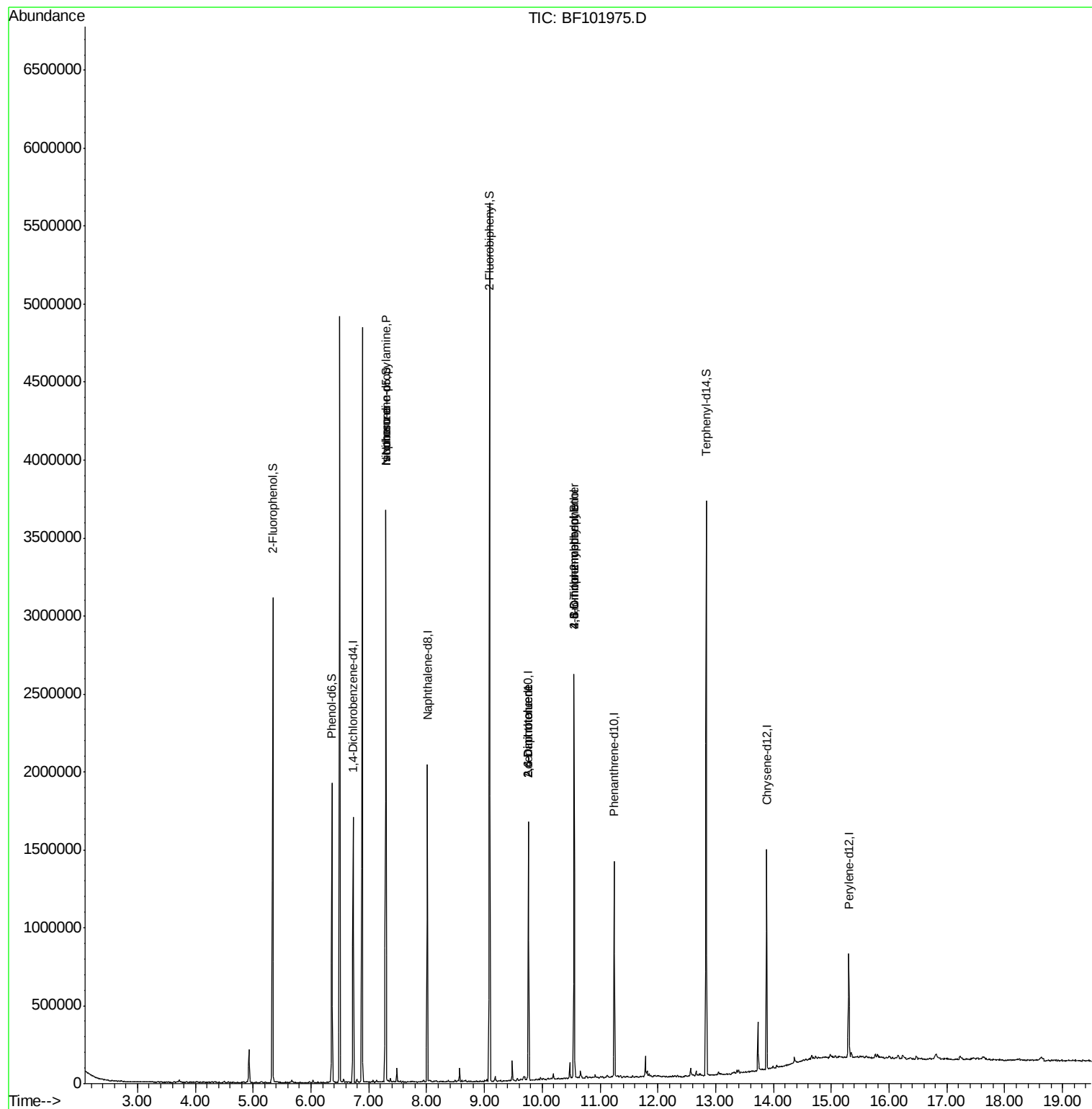
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218144	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	801809	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	280931	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	413649	20.00	ng	0.00
75) Chrysene-d12	13.88	240	413138	20.00	ng	0.00
86) Perylene-d12	15.30	264	287716	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	828729	53.64	ng	0.02
7) Phenol-d6	6.36	99	609722	33.08	ng	0.01
23) Nitrobenzene-d5	7.30	82	1226969	89.92	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	264532	107.90	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1713744	95.30	ng	0.00
78) Terphenyl-d14	12.84	244	1342241	67.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	165011	13.661	ng	# 82
25) Isophorone	7.30	82	1226997	45.511	ng	# 64
50) 2,6-Dinitrotoluene	9.76	165	36869	8.190	ng	# 26
56) 2,4-Dinitrotoluene	9.76	165	36869	6.534	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	672	5.926	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17649	4.040	ng	# 1

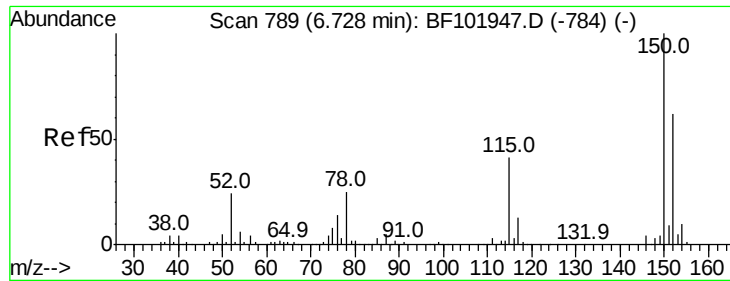
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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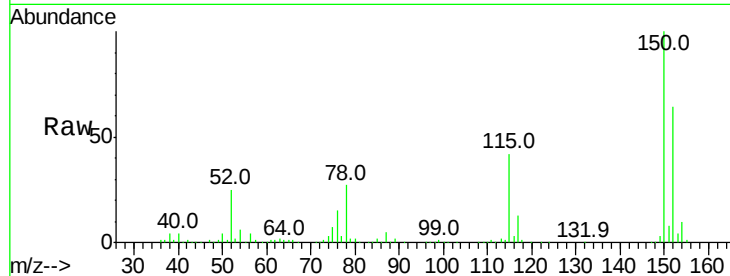


#1

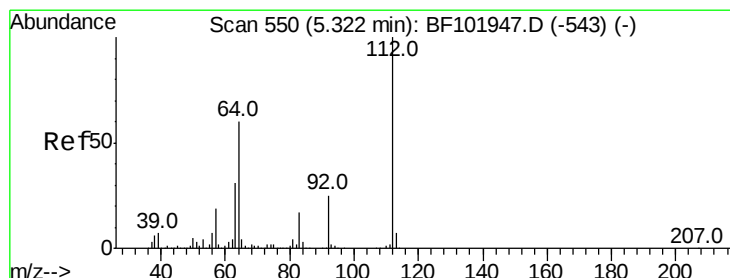
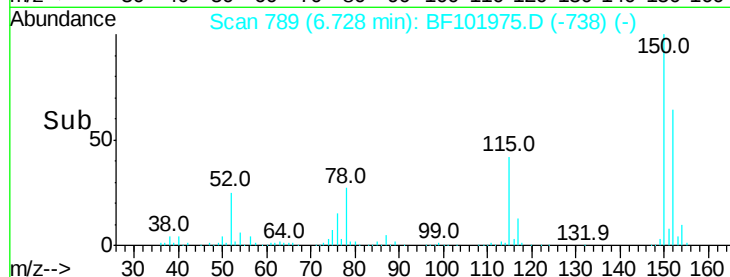
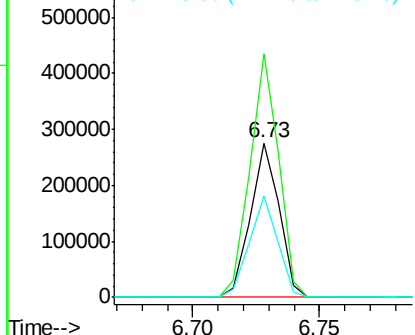
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	65.7	50.1	75.1



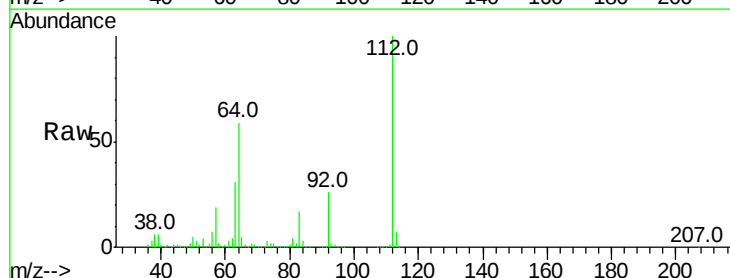
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



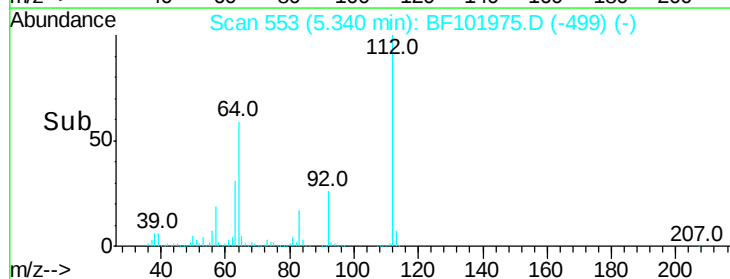
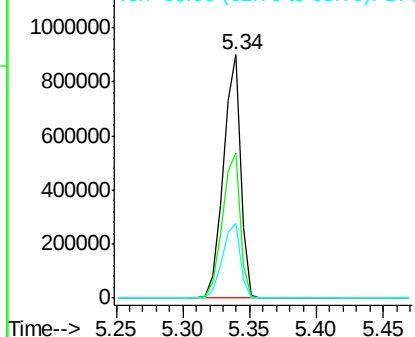
#5

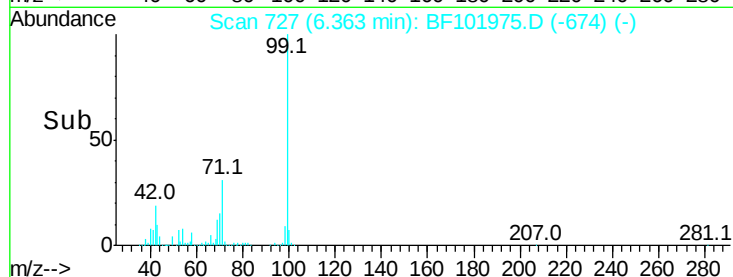
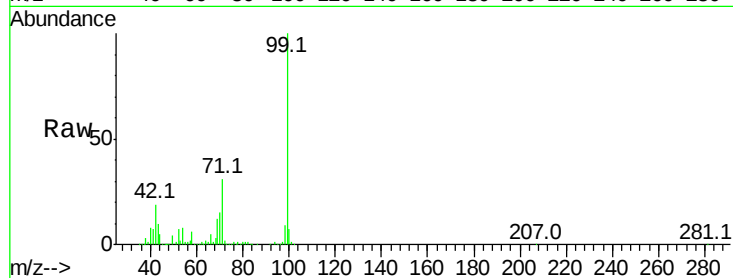
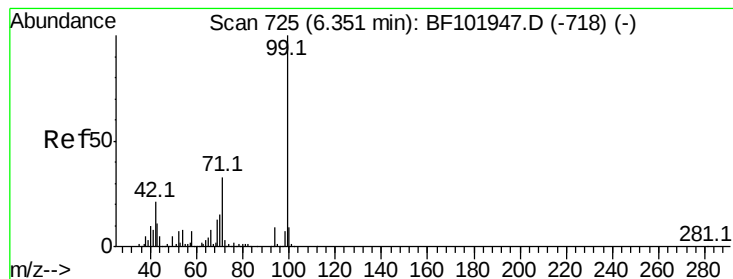
2-Fluorophenol
Concen: 53.645 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.9	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: 33.080 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101975.D

Acq: 10 Jan 2018 1:31

Instrument :

BNA_F

ClientSampleId :

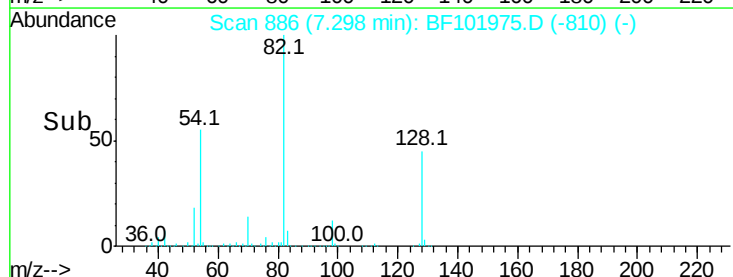
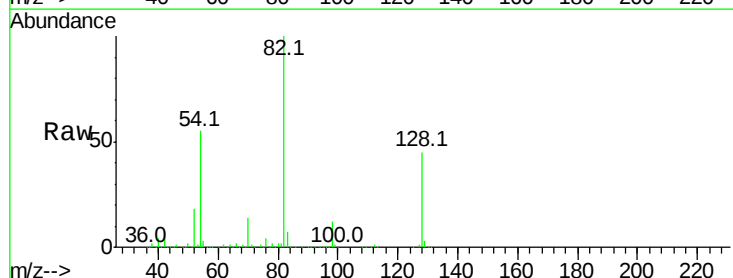
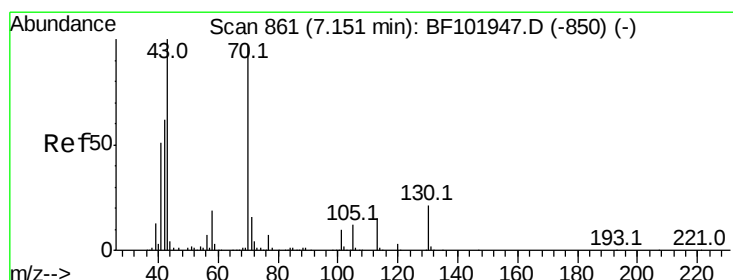
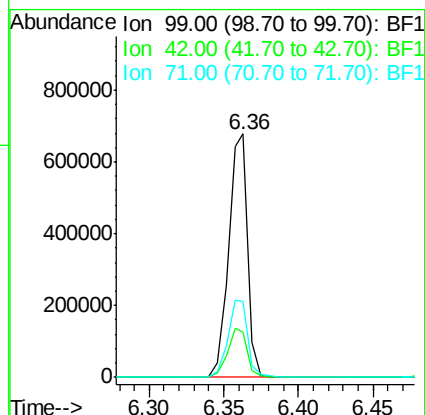
Tot Ion: 99 Resp: 609722

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.661 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF101975.D

Acq: 10 Jan 2018 1:31

Tgt Ion: 70 Resp: 165011

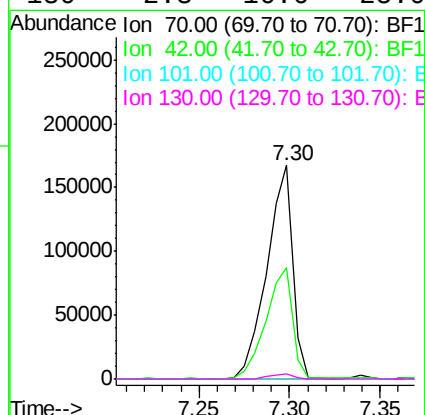
Ion Ratio Lower Upper

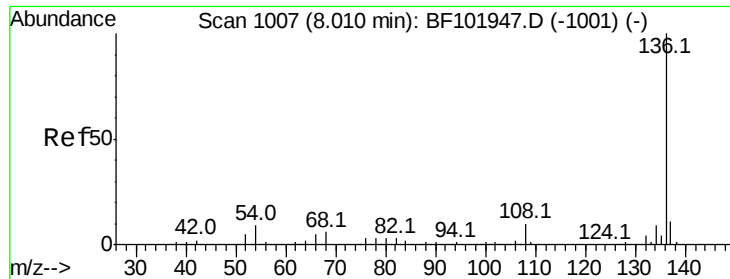
70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

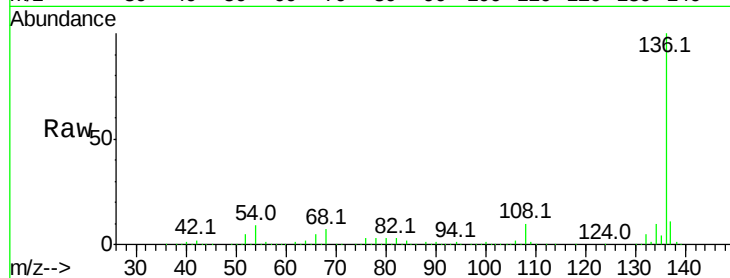




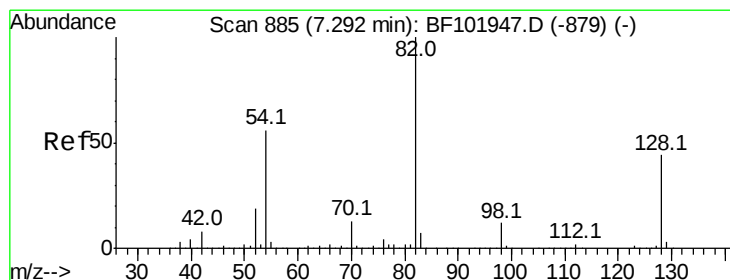
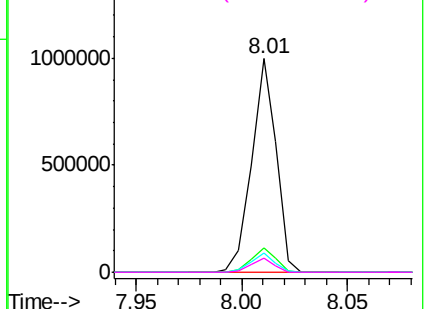
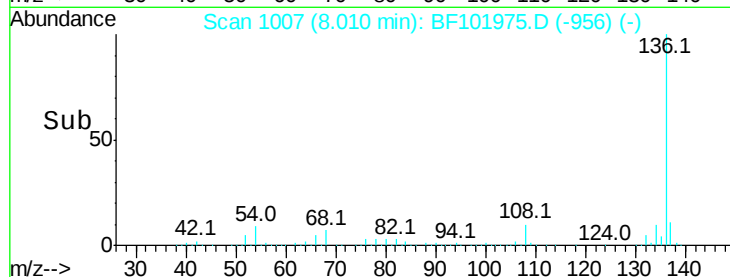
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	801809
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4

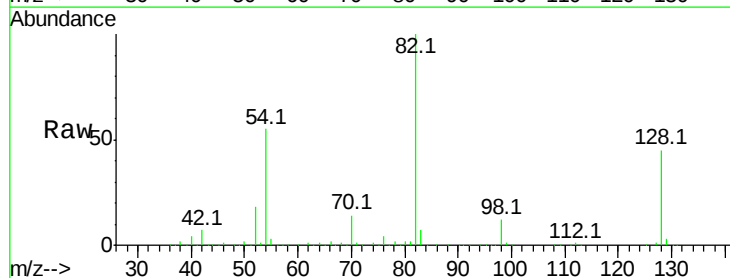


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

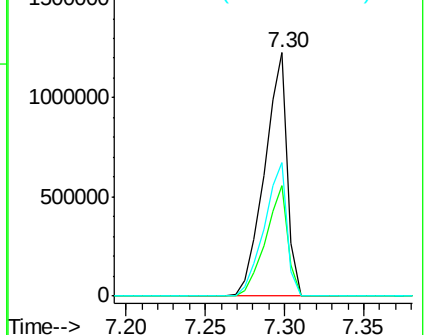
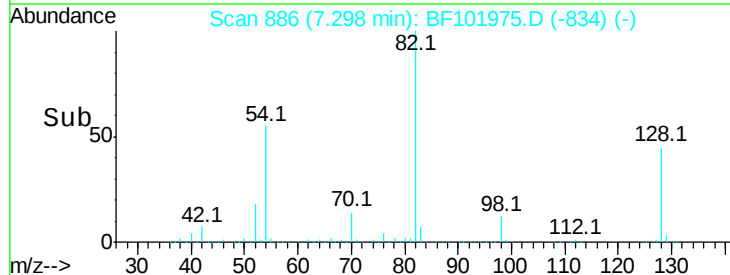


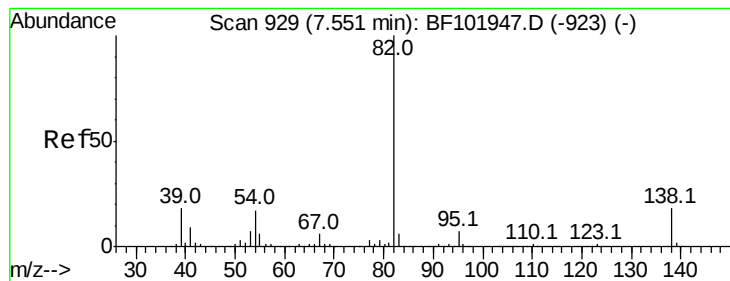
#23
Nitrobenzene-d5
Concen: 89.924 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:	82	Resp:	1226969
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.7	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: 45.511 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.25 min

Lab File: BF101975.D

Acq: 10 Jan 2018 1:31

Instrument :

BNA_F

ClientSampleId :

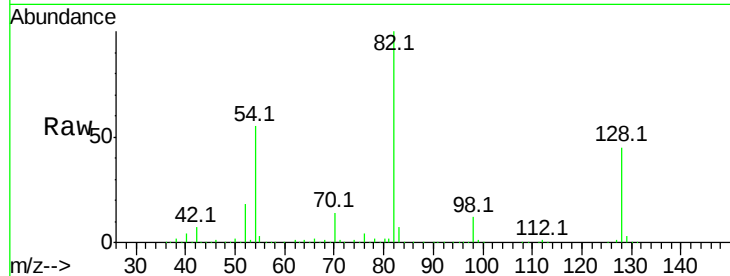
Tot Ion: 82 Resp: 1226997

Ion Ratio Lower Upper

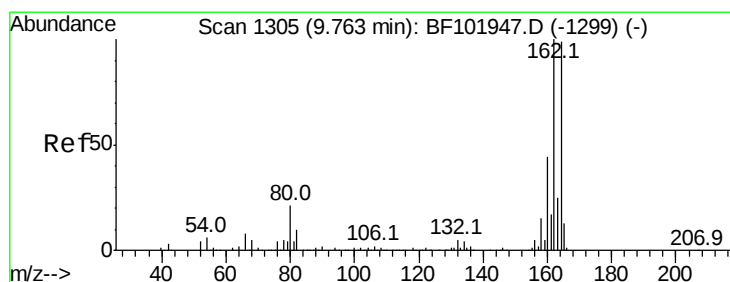
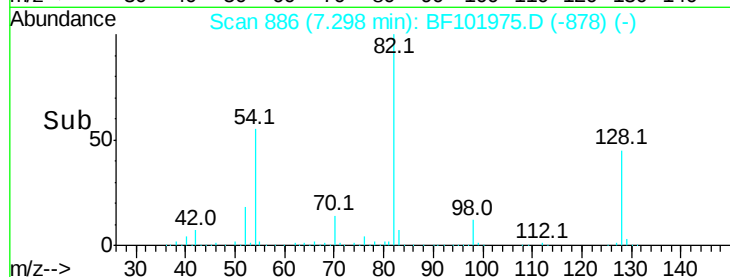
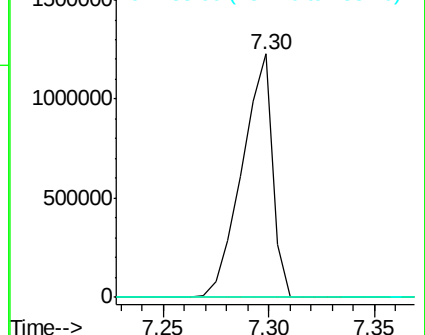
82 100

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: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF101975.D

Acq: 10 Jan 2018 1:31

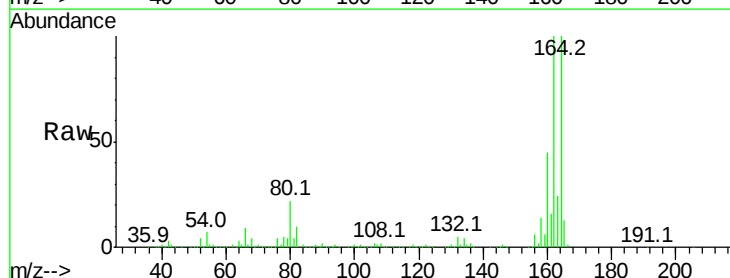
Tgt Ion:164 Resp: 280931

Ion Ratio Lower Upper

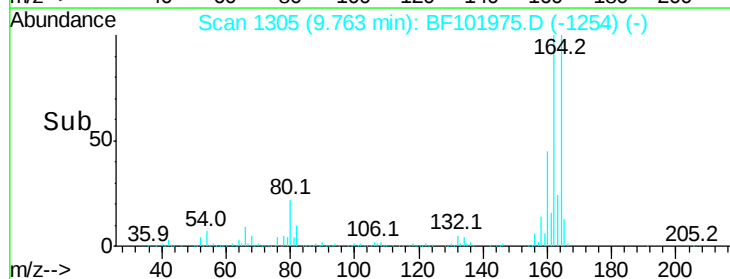
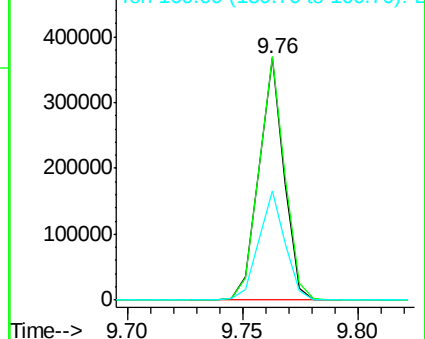
164 100

162 100.5 86.1 129.1

160 44.9 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

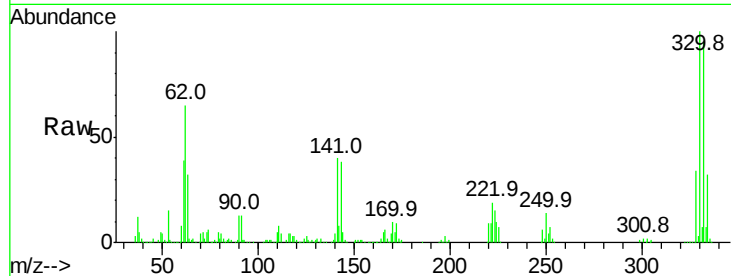




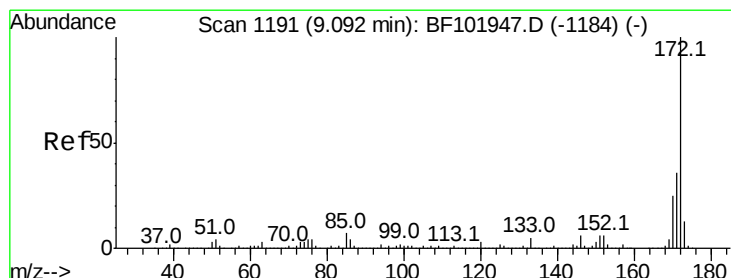
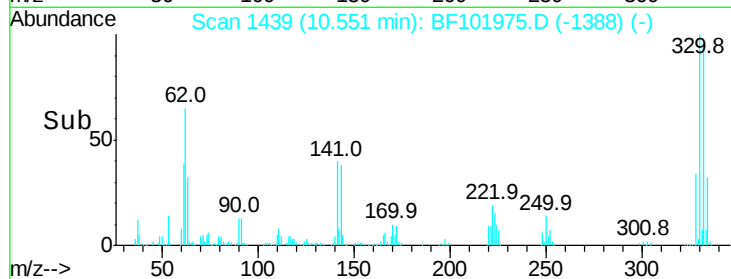
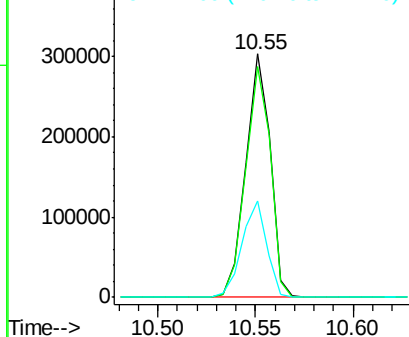
#41
 2,4,6-Tribromophenol
 Concen: 107.900 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101975.D
 Acq: 10 Jan 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.2	29.9	44.9

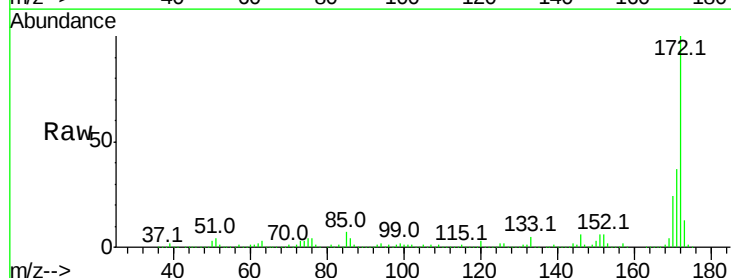


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

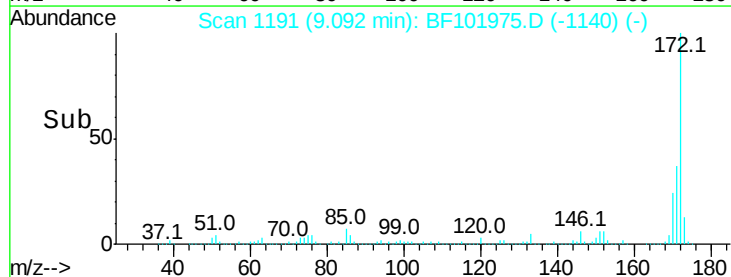
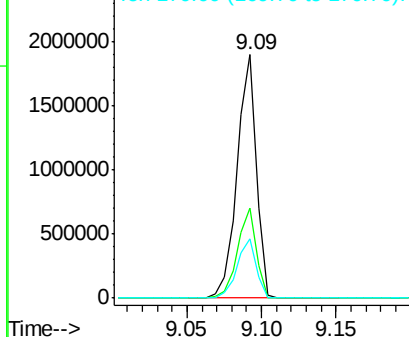


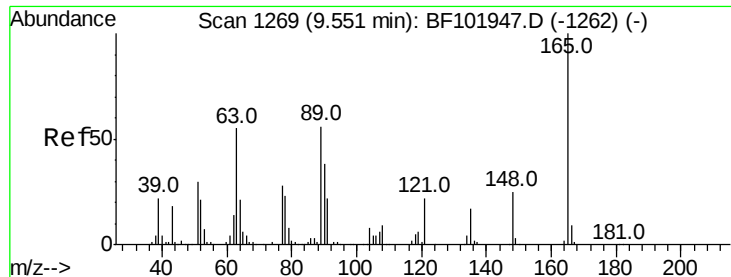
#44
 2-Fluorobiphenyl
 Concen: 95.302 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101975.D
 Acq: 10 Jan 2018 1:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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

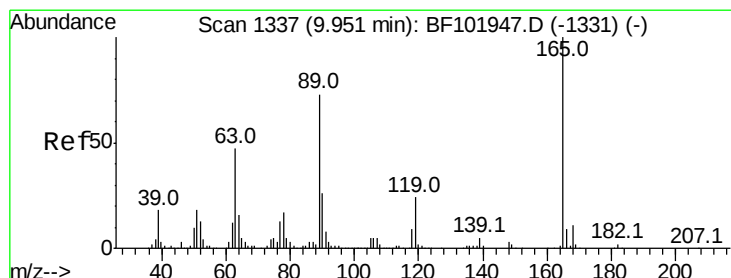
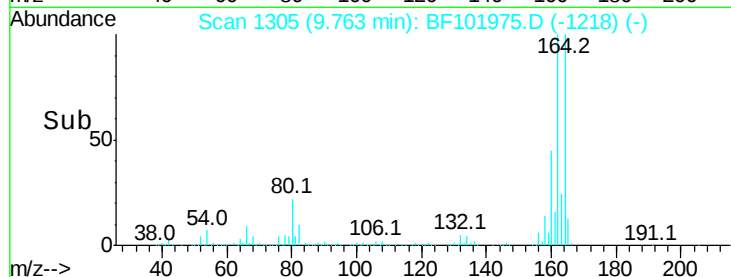
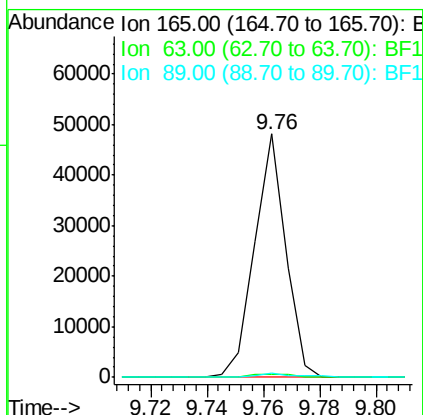
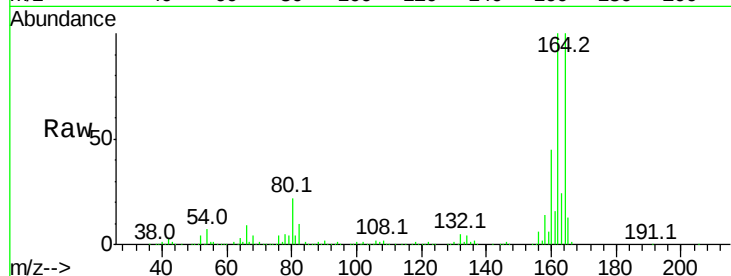




#50
 2,6-Dinitrotoluene
 Concen: 8.190 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF101975.D
 Acq: 10 Jan 2018 1:31

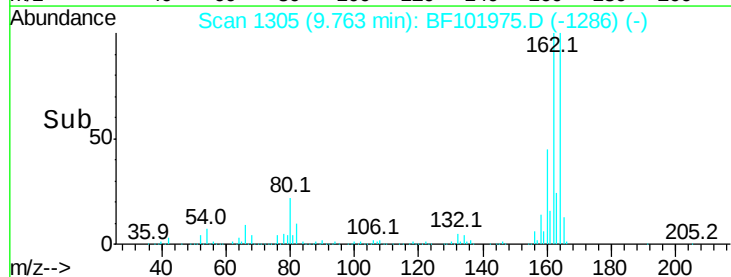
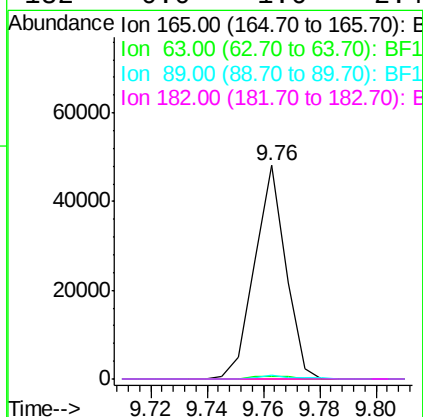
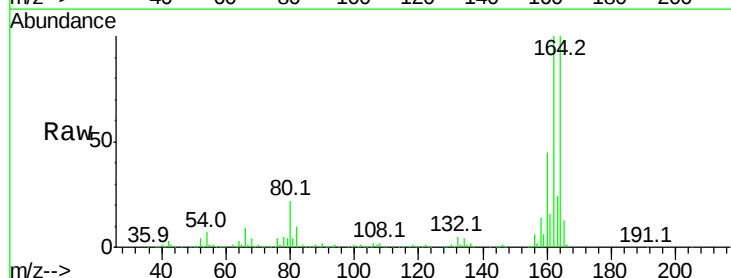
Instrument :
 BNA_F
 ClientSampleId :

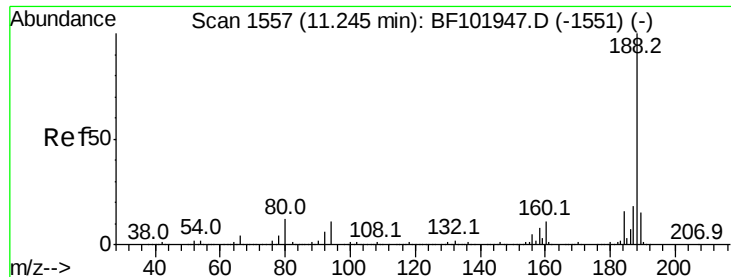
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.534 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF101975.D
 Acq: 10 Jan 2018 1:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

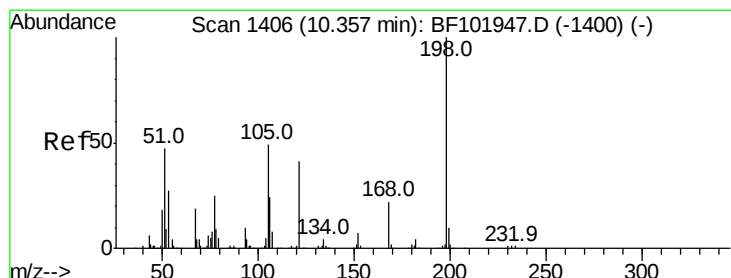
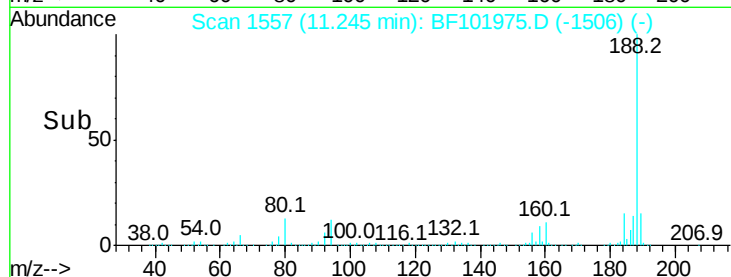
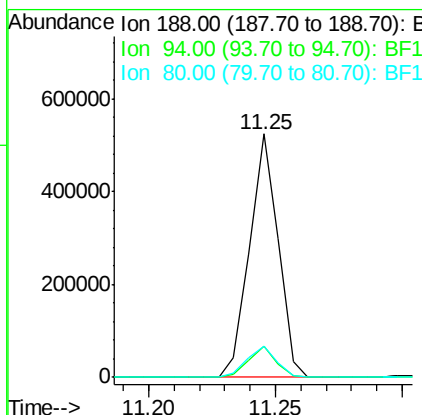
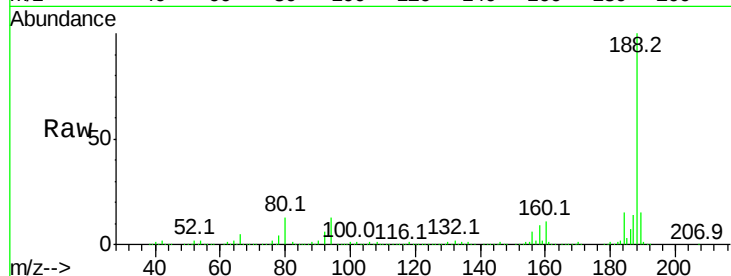




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

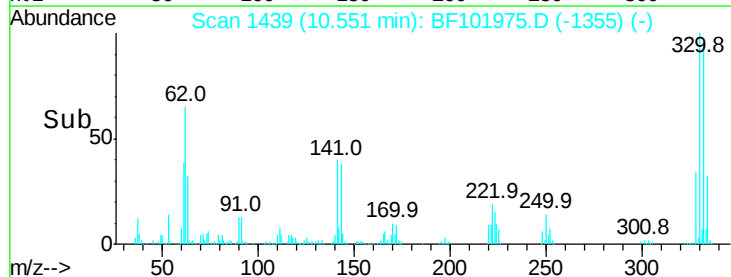
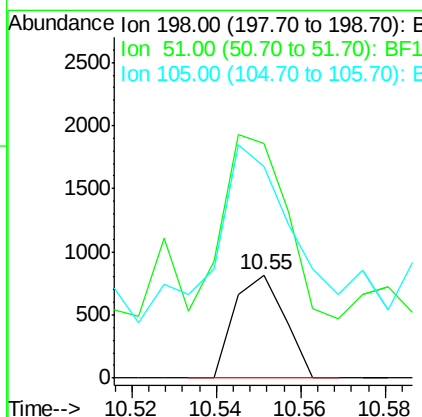
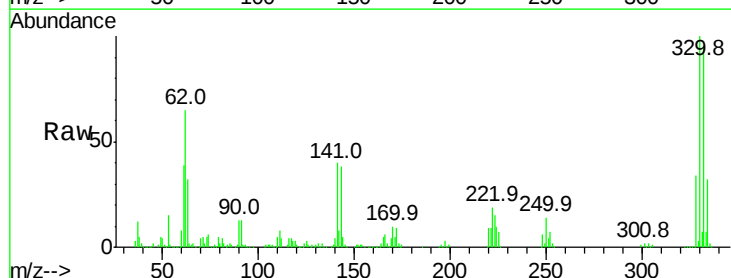
Instrument :
BNA_F
ClientSampleId :

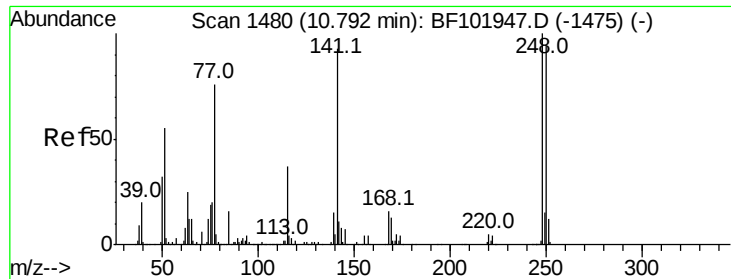
Tot Ion:188 Resp: 413649
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.926 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:198 Resp: 672
Ion Ratio Lower Upper
198 100
51 227.5 37.7 77.7#
105 204.4 36.3 76.3#

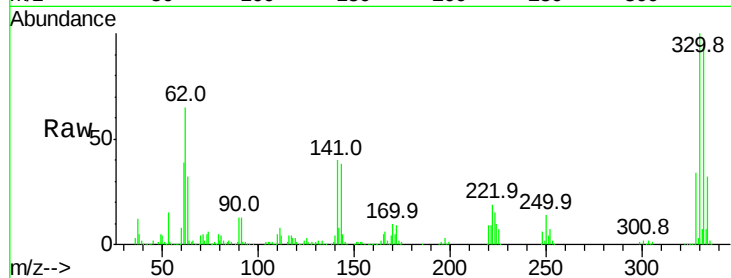




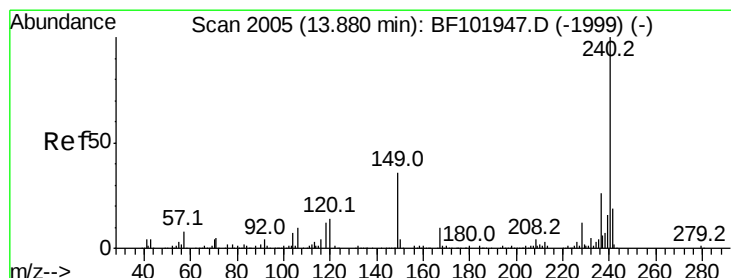
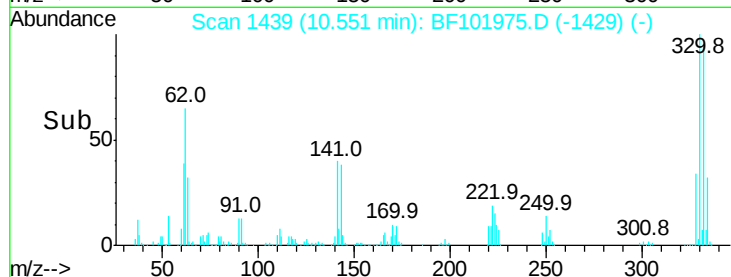
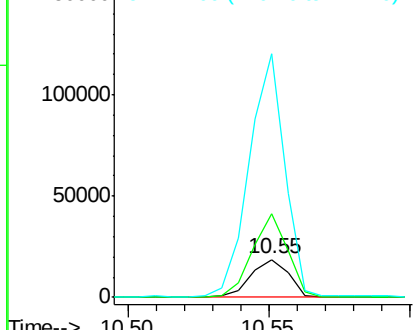
#66
4-Bromophenyl-phenylether
Concen: 4.040 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17649
Ion Ratio Lower Upper
248 100
250 219.6 76.9 115.3#
141 640.6 74.4 111.6#

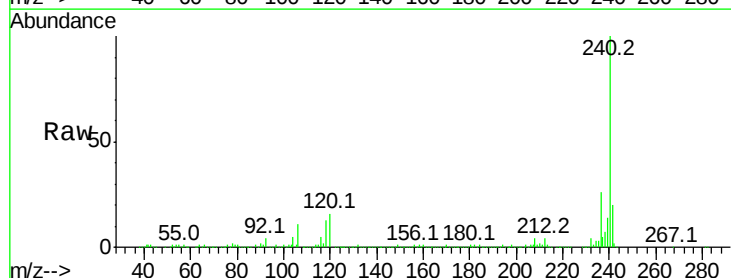


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

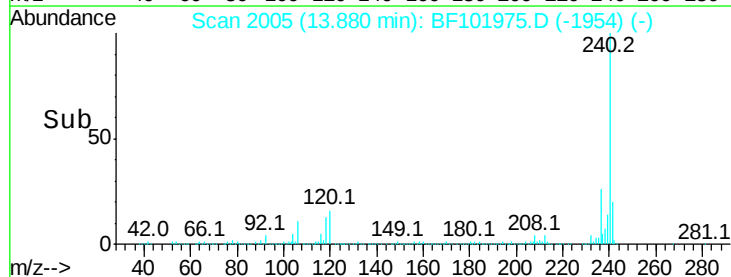
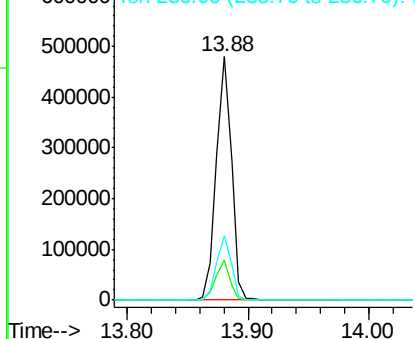


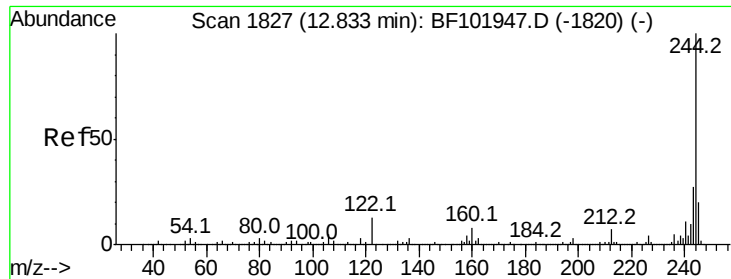
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:240 Resp: 413138
Ion Ratio Lower Upper
240 100
120 16.3 9.5 14.3#
236 26.4 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

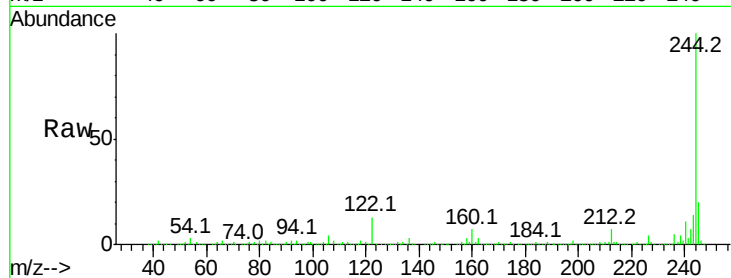




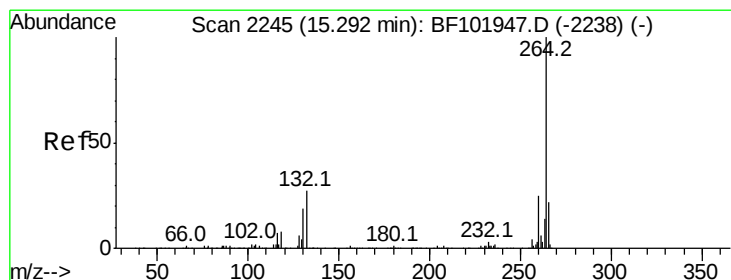
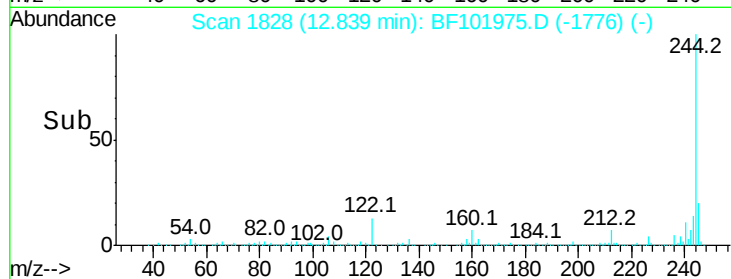
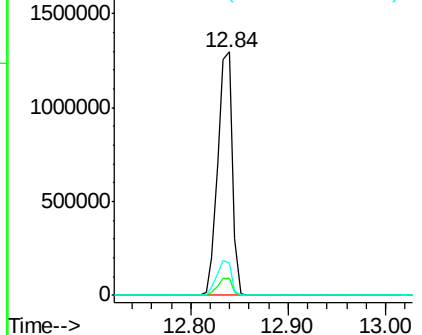
#78
 Terphenyl-d14
 Concen: 67.456 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF101975.D
 Acq: 10 Jan 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1342241
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4

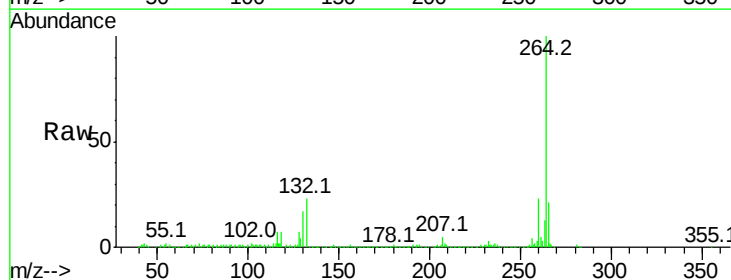


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF101975.D
 Acq: 10 Jan 2018 1:31

Tgt Ion:264 Resp: 287716
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.5 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

