

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111986.D
 Acq On : 10 Jan 2019 14:44
 Operator : JU/SJ
 Sample : K1082-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:51:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

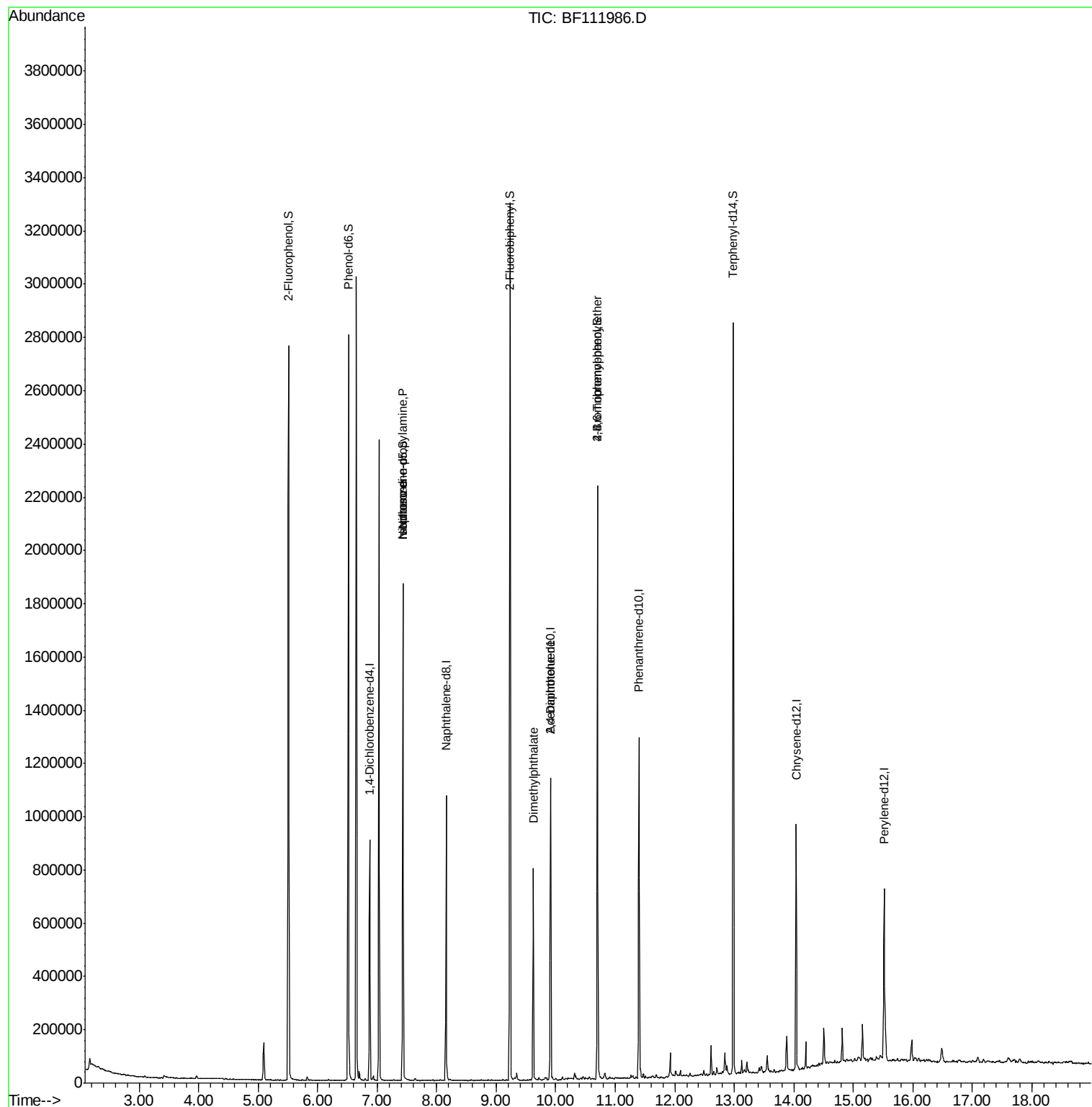
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123900	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	469301	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	236415	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	435845	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	300612	20.00	ng	-0.02
87) Perylene-d12	15.52	264	299007	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	701657	96.89	ng	-0.01
7) Phenol-d6	6.52	99	917461	98.29	ng	-0.02
23) Nitrobenzene-d5	7.43	82	576817	65.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	282760	91.95	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1060663	65.42	ng	-0.02
79) Terphenyl-d14	12.99	244	1045828	66.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	1746	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	78064	12.872 ng	#	77
25) Isophorone	7.43	82	576814	40.566 ng	#	65
50) Dimethylphthalate	9.62	163	288538	16.247 ng		98
57) 2,4-Dinitrotoluene	9.91	165	30337	5.912 ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	16586	2.938 ng	#	1

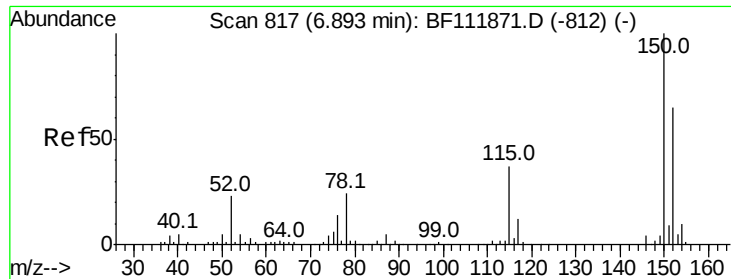
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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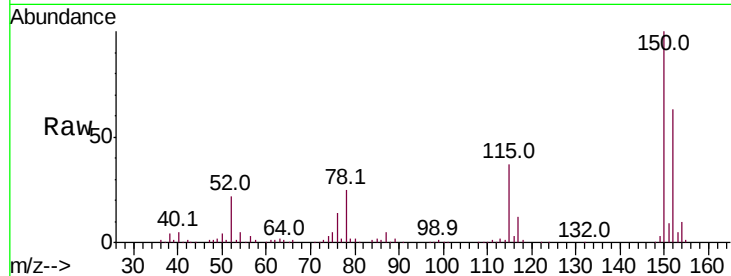


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111986.D
Acq: 10 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	58.3	45.2	67.8

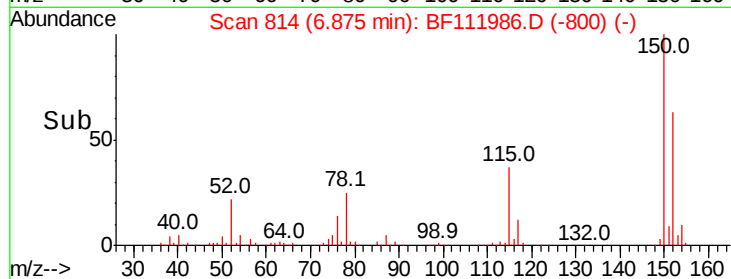
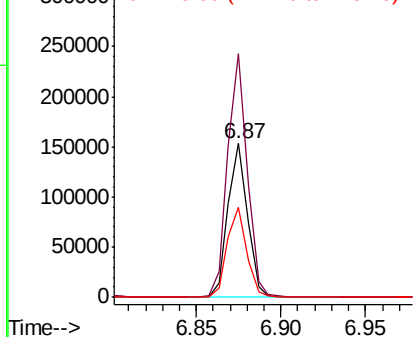


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

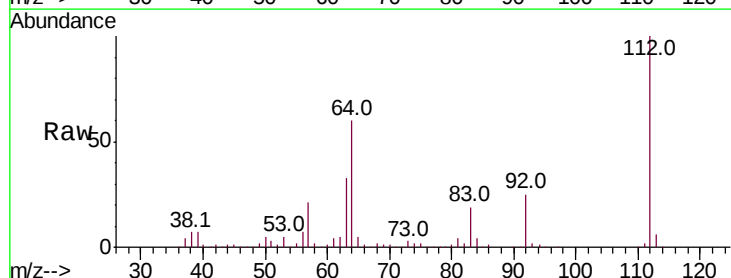
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.885 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111986.D
Acq: 10 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.3	72.5
63	33.1	26.1	39.1

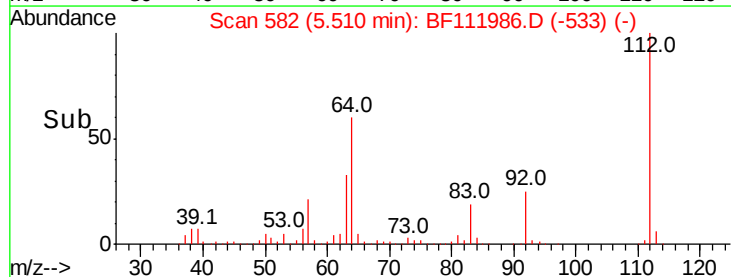
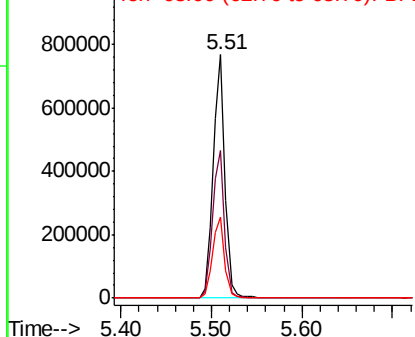


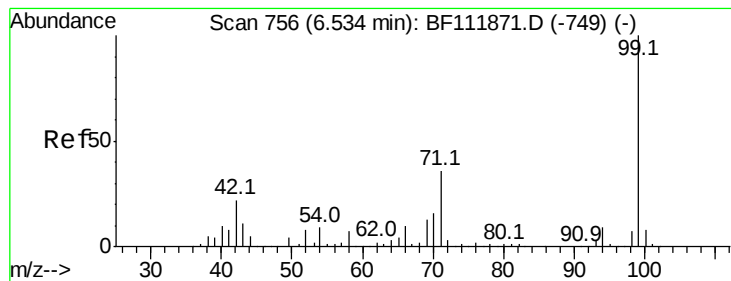
Abundance

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: 98.289 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

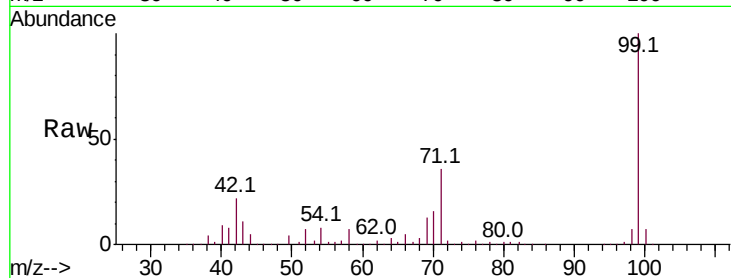
Tot Ion: 99 Resp: 917461

Ion Ratio Lower Upper

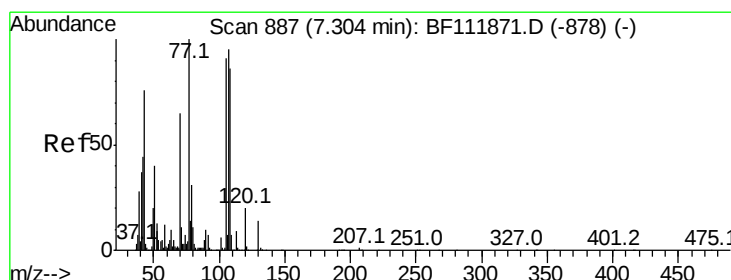
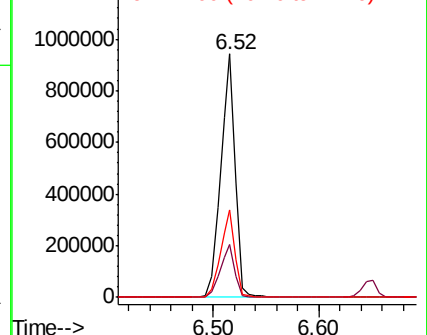
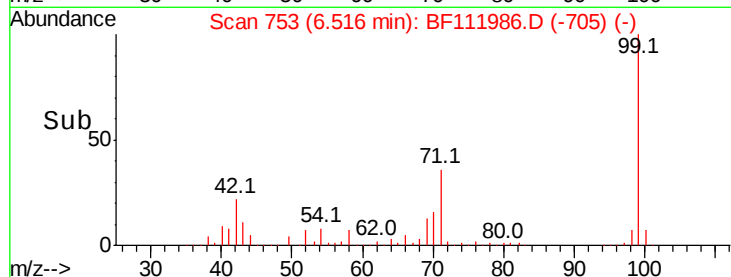
99 100

42 21.6 17.9 26.9

71 36.1 28.7 43.1



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: 12.872 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

Tgt Ion: 70 Resp: 78064

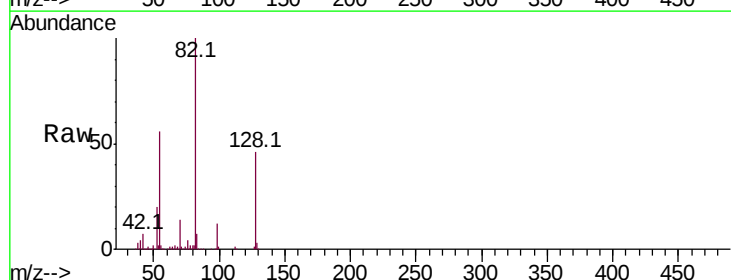
Ion Ratio Lower Upper

70 100

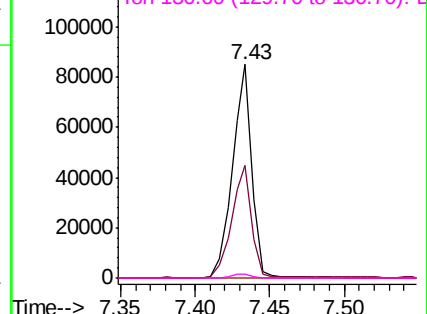
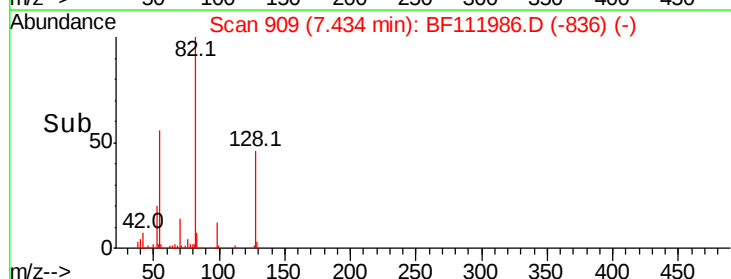
42 52.7 53.6 80.4#

101 0.0 7.3 10.9#

130 2.0 16.8 25.2#



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: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 469301

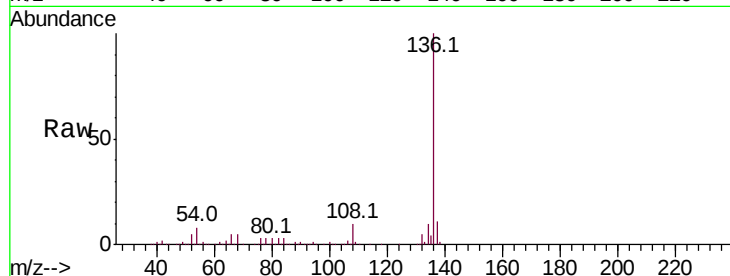
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 7.2 10.8

68 5.1 4.4 6.6

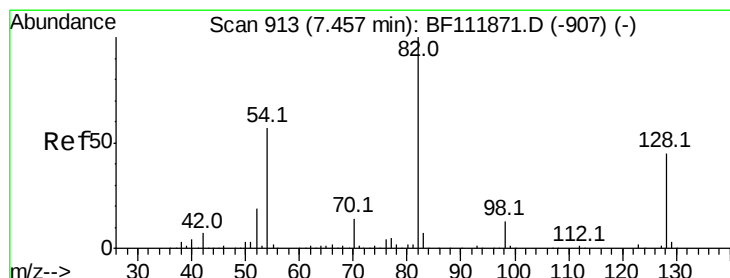
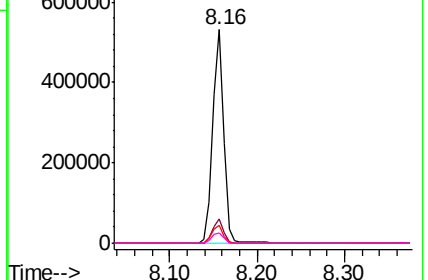
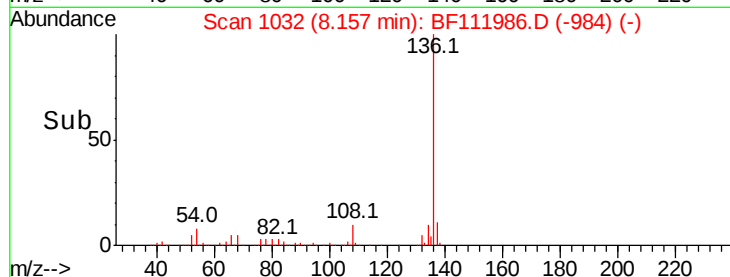


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.690 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

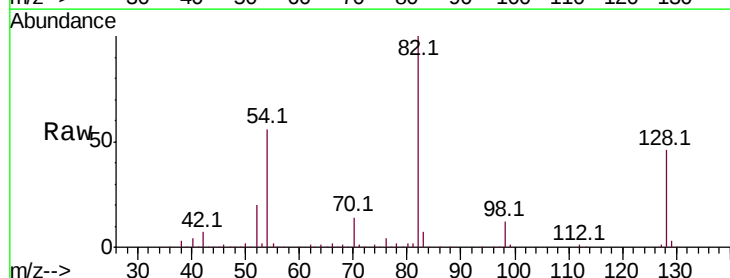
Tgt Ion: 82 Resp: 576817

Ion Ratio Lower Upper

82 100

128 45.6 35.7 53.5

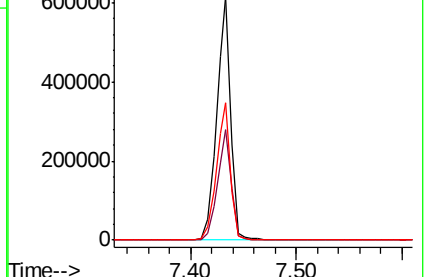
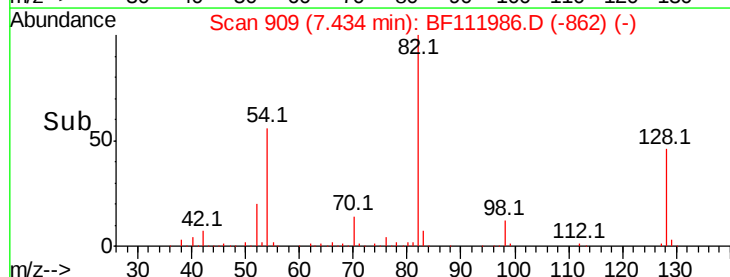
54 56.3 45.8 68.8

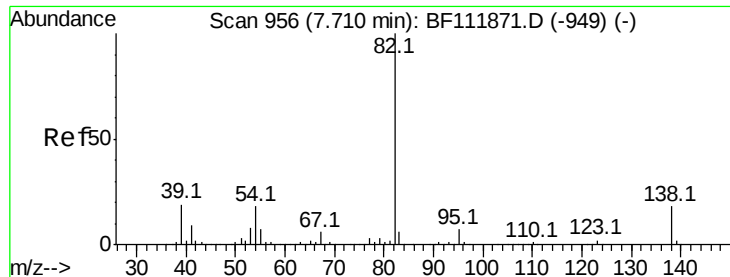


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.566 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

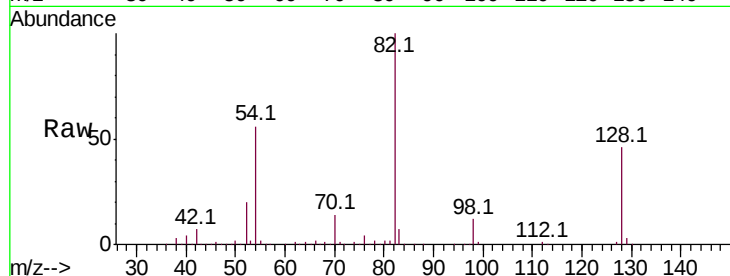
Tot Ion: 82 Resp: 576814

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

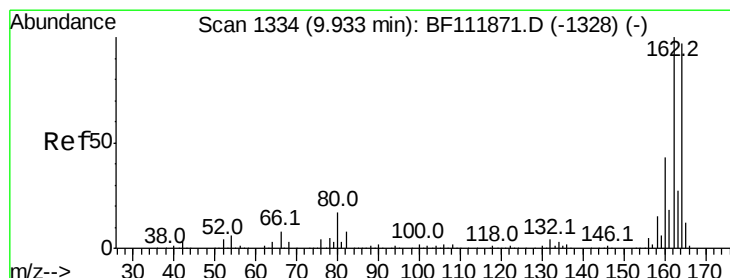
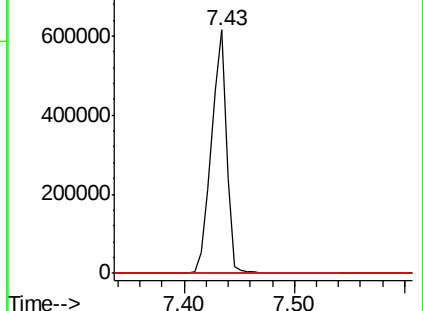
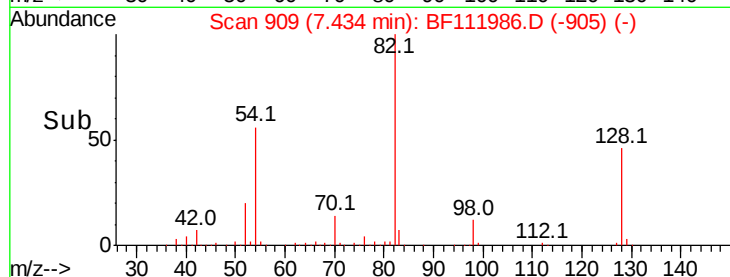
138 0.0 14.4 21.6#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

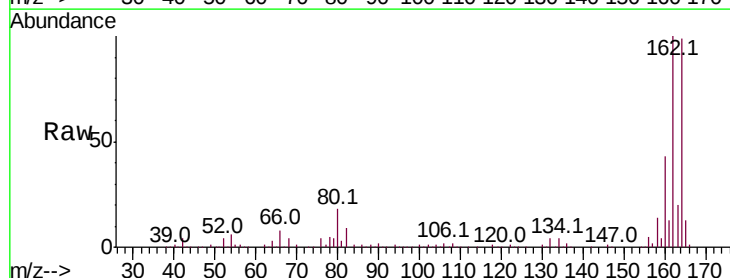
Tgt Ion: 164 Resp: 236415

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

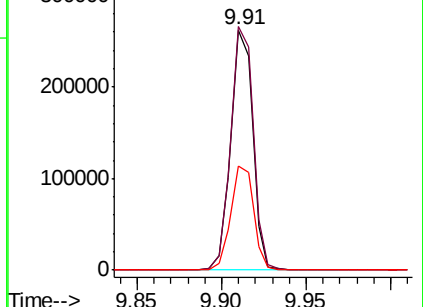
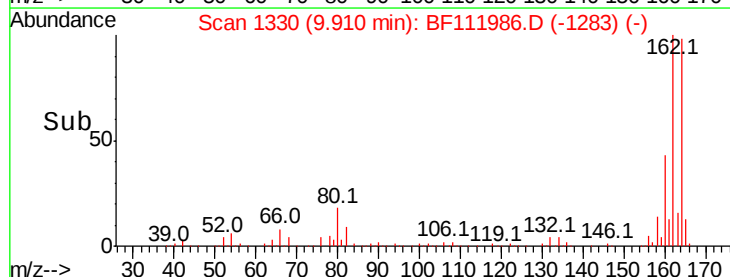
160 43.6 35.5 53.3

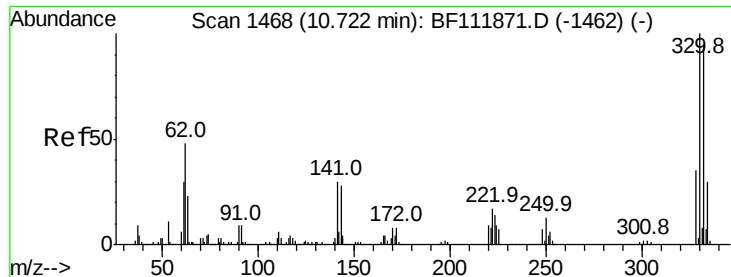


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

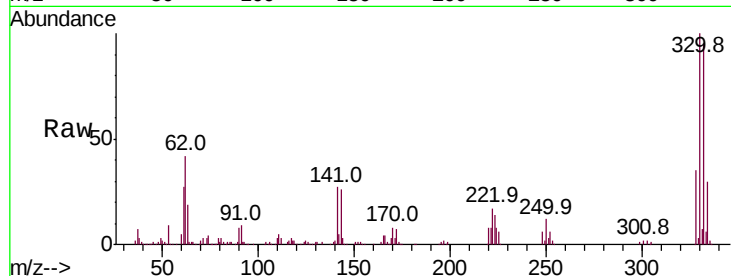




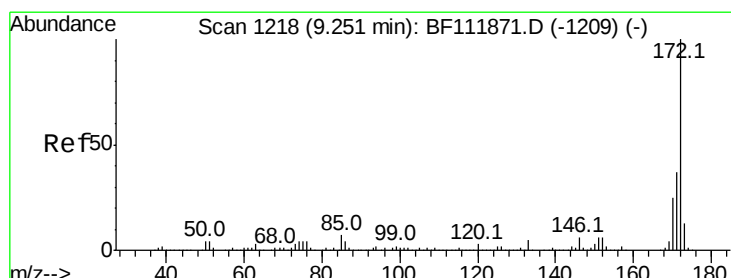
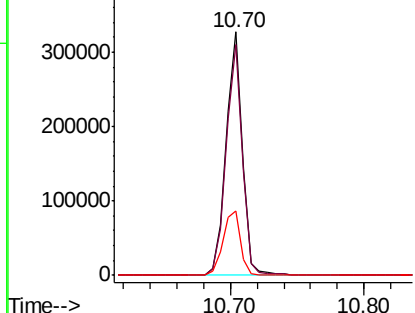
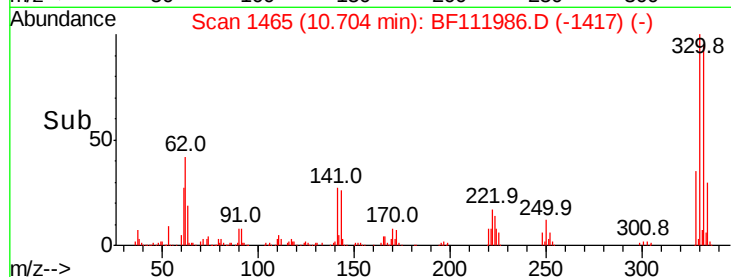
#42
 2,4,6-Tribromophenol
 Concen: 91.953 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF111986.D
 Acq: 10 Jan 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	29.0	23.7	35.5

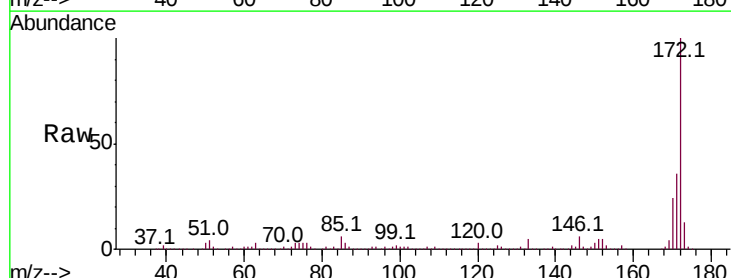


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

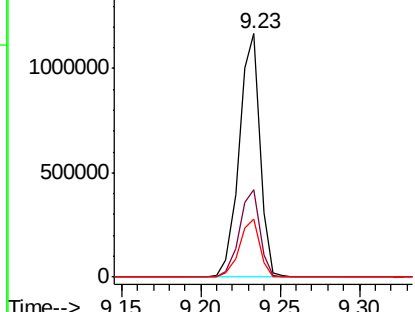
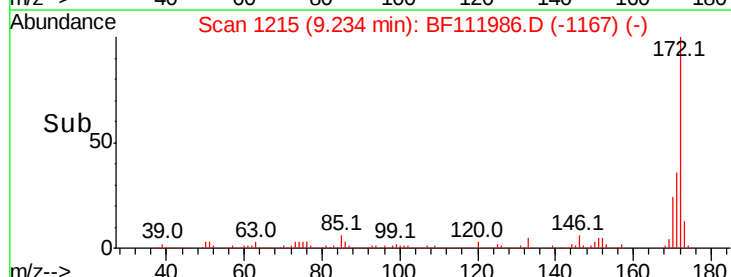


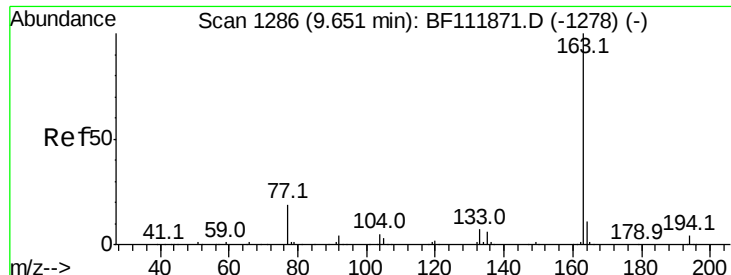
#45
 2-Fluorobiphenyl
 Concen: 65.421 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF111986.D
 Acq: 10 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8



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

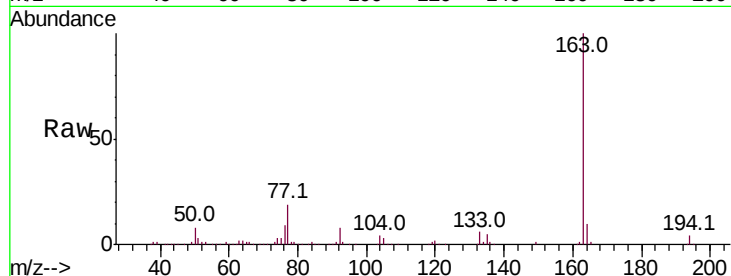




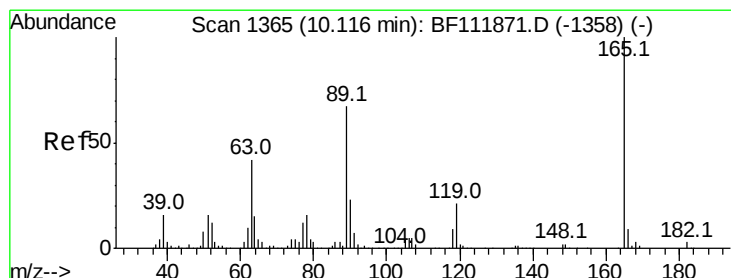
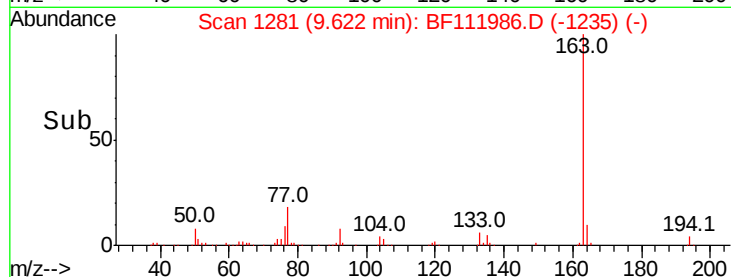
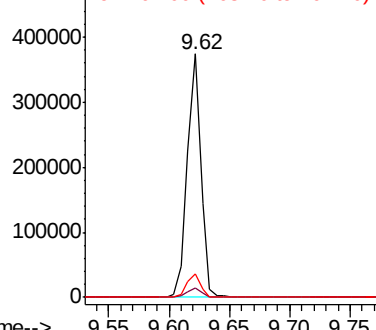
#50
Dimethylphthalate
Concen: 16.247 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111986.D
Acq: 10 Jan 2019 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 288538
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.8 8.5 12.7

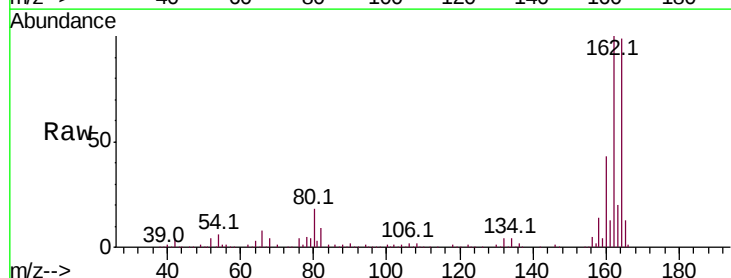


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

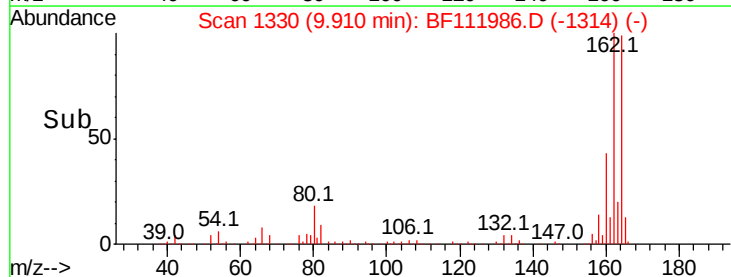
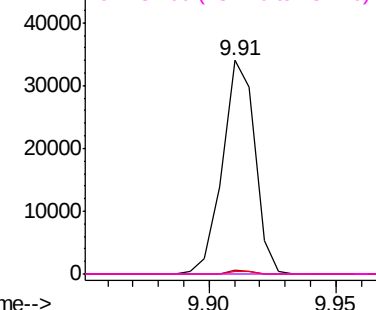


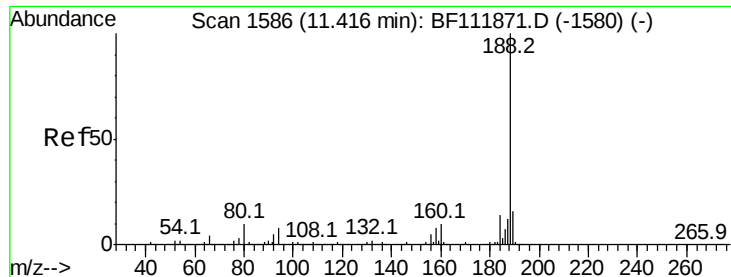
#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF111986.D
Acq: 10 Jan 2019 14:44

Tgt Ion:165 Resp: 30337
Ion Ratio Lower Upper
165 100
63 1.7 34.1 51.1#
89 1.0 53.5 80.3#
182 0.0 2.0 3.0#



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
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

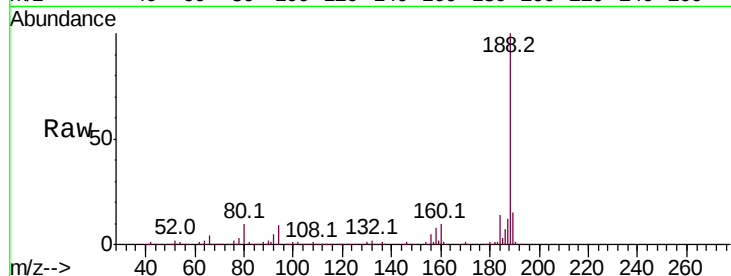
Tot Ion:188 Resp: 435845

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

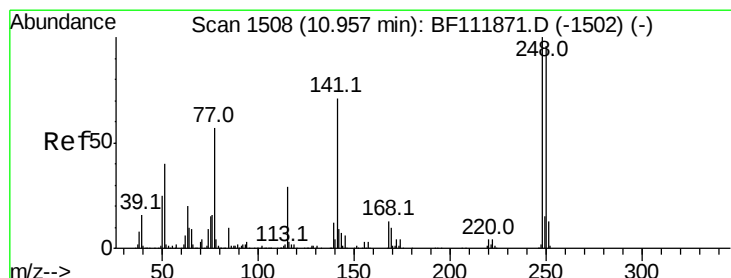
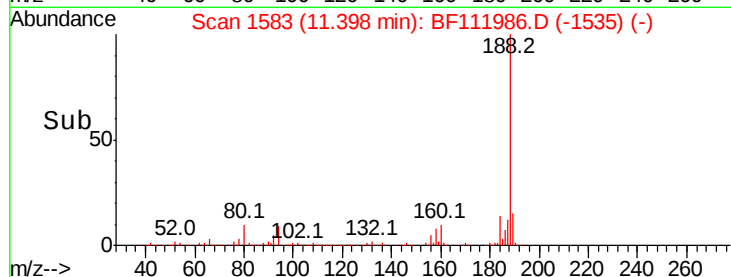
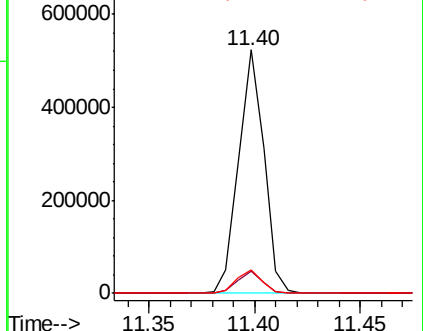
80 9.6 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 2.938 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF111986.D

Acq: 10 Jan 2019 14:44

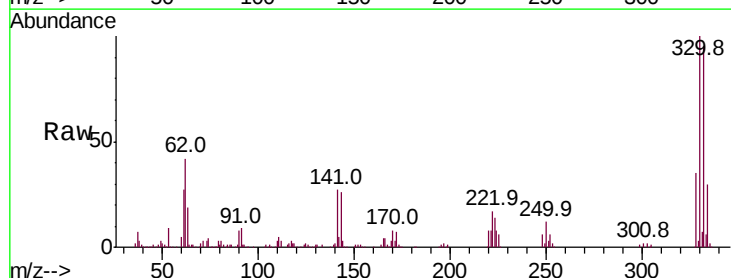
Tgt Ion:248 Resp: 16586

Ion Ratio Lower Upper

248 100

250 207.5 76.8 115.2#

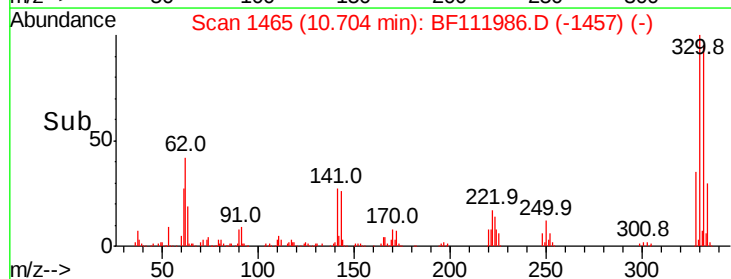
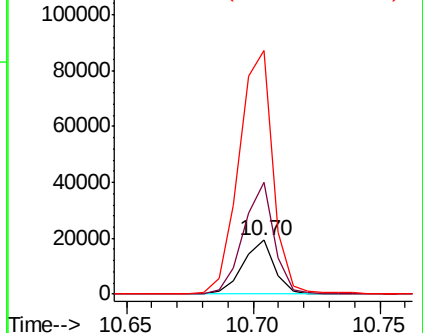
141 453.6 57.0 85.6#

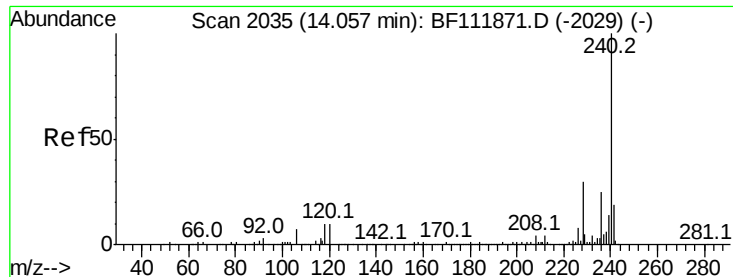


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

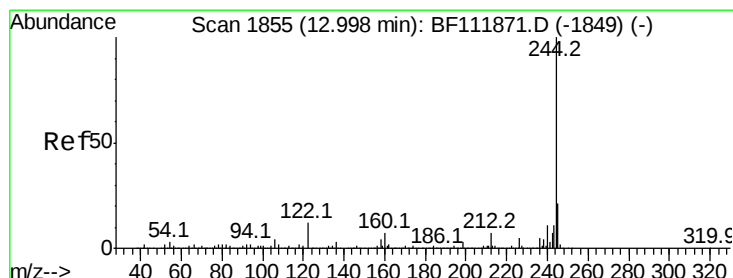
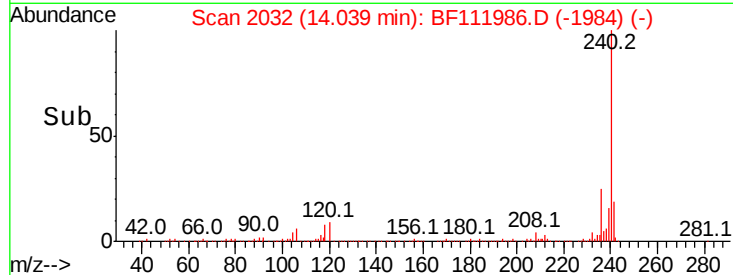
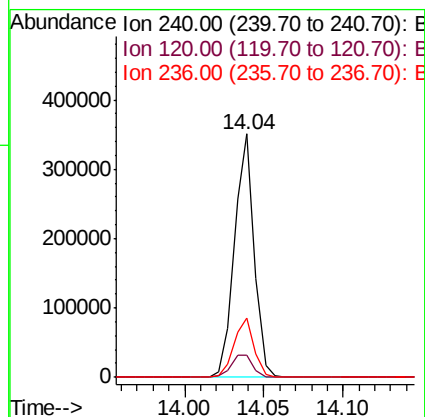
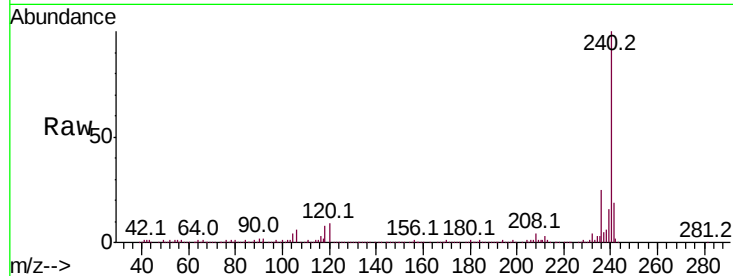




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF111986.D
 Acq: 10 Jan 2019 14:44

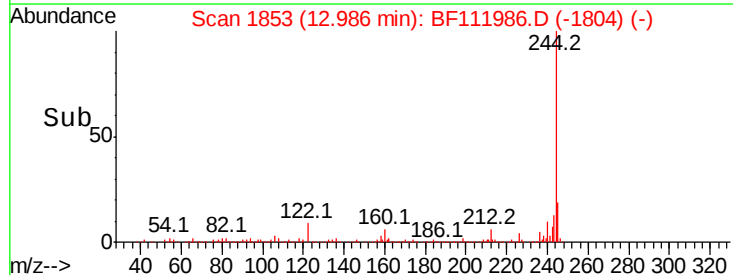
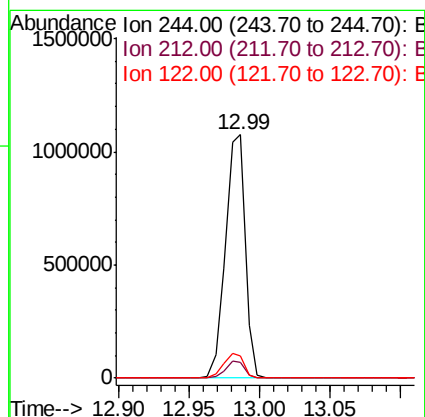
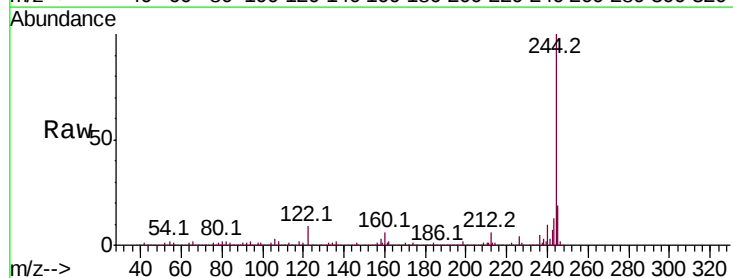
Instrument :
 BNA_F
 ClientSampleId :

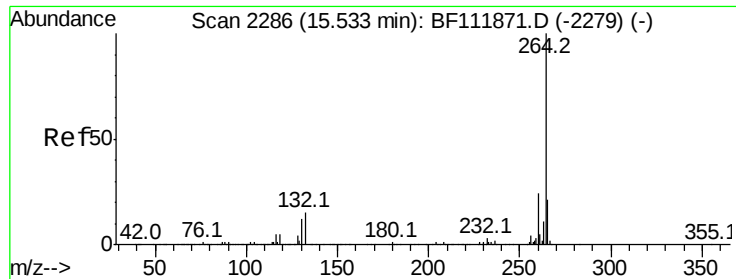
Tot Ion:240 Resp: 300612
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.2 12.2
 236 24.5 20.2 30.4



#79
 Terphenyl-d14
 Concen: 66.039 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF111986.D
 Acq: 10 Jan 2019 14:44

Tgt Ion:244 Resp: 1045828
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 9.0 9.5 14.3#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF111986.D
 Acq: 10 Jan 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	299007
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.1	25.7

