

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111991.D
 Acq On : 10 Jan 2019 17:01
 Operator : JU/SJ
 Sample : K1100-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:52:12 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

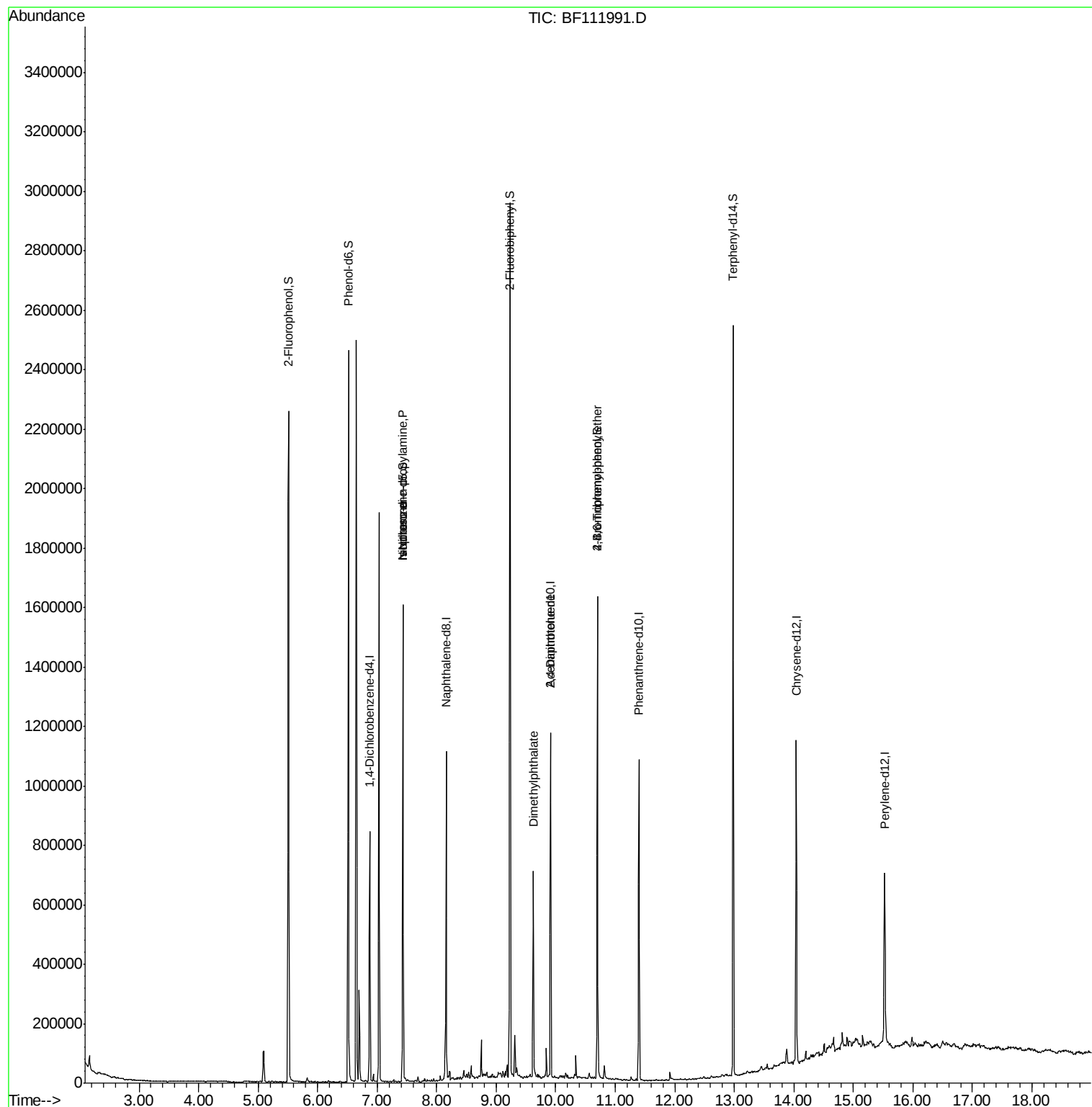
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115297	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	463157	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	224132	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	355577	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	350374	20.00	ng	-0.02
87) Perylene-d12	15.53	264	281863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	590137	87.57	ng	-0.01
7) Phenol-d6	6.52	99	764908	88.06	ng	-0.02
23) Nitrobenzene-d5	7.43	82	480506	55.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	212295	72.82	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	908189	59.09	ng	-0.02
79) Terphenyl-d14	12.98	244	812714	44.03	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1371	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	64500	11.429	ng	# 76
25) Isophorone	7.43	82	480504	34.241	ng	# 65
50) Dimethylphthalate	9.62	163	256561	15.238	ng	# 98
57) 2,4-Dinitrotoluene	9.91	165	29190	6.000	ng	# 27
67) 4-Bromophenyl-phenylether	10.70	248	12005	2.607	ng	# 1

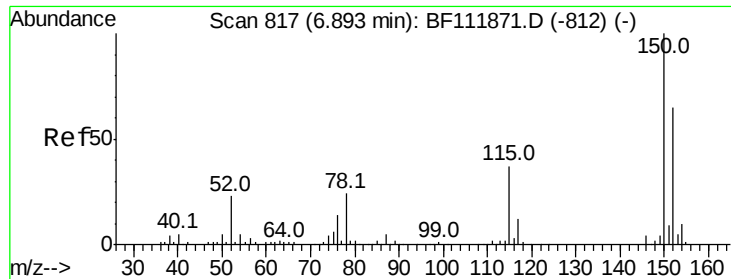
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111991.D
Acq On : 10 Jan 2019 17:01
Operator : JU/SJ
Sample : K1100-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:52:12 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



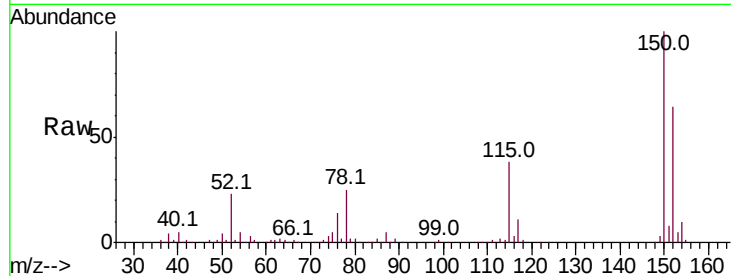


#1

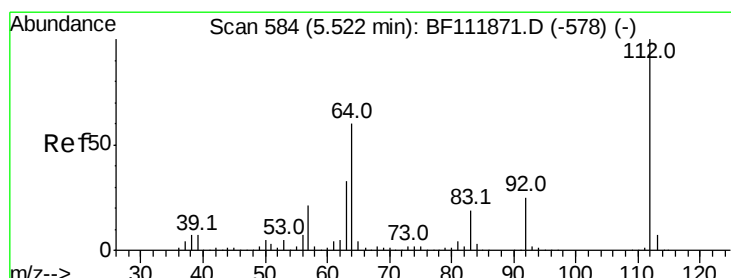
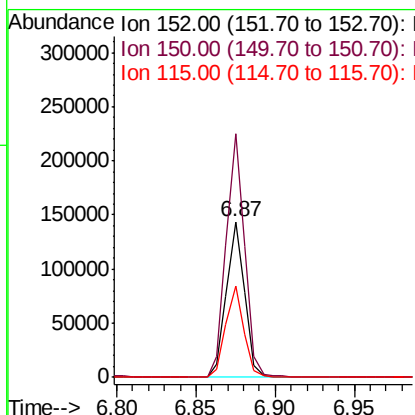
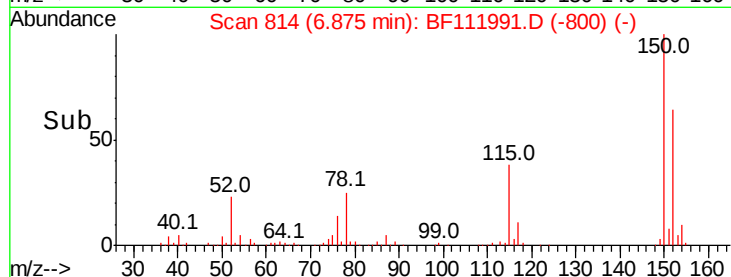
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111991.D
Acq: 10 Jan 2019 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115297
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 58.9 45.2 67.8



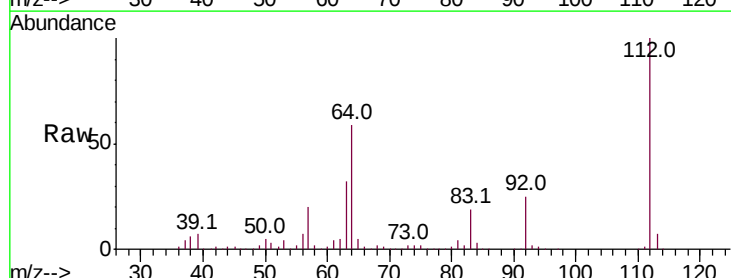
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



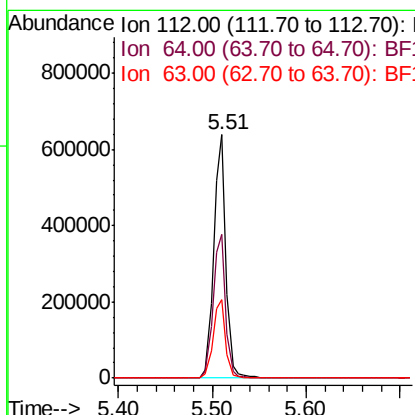
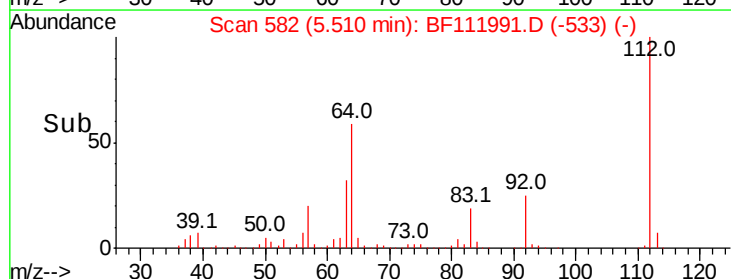
#5

2-Fluorophenol
Concen: 87.567 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111991.D
Acq: 10 Jan 2019 17:01

Tgt Ion:112 Resp: 590137
Ion Ratio Lower Upper
112 100
64 59.3 48.3 72.5
63 32.0 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: 88.061 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111991.D

Acq: 10 Jan 2019 17:01

Instrument :

BNA_F

ClientSampleId :

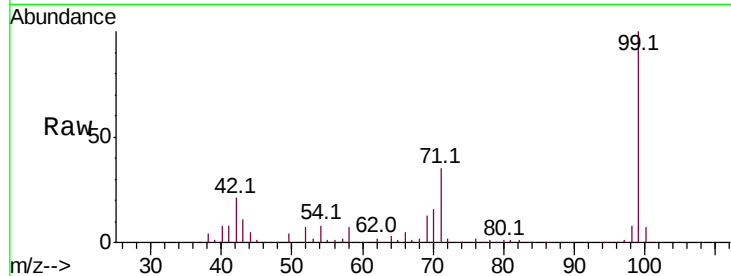
Tot Ion: 99 Resp: 764908

Ion Ratio Lower Upper

99 100

42 21.0 17.9 26.9

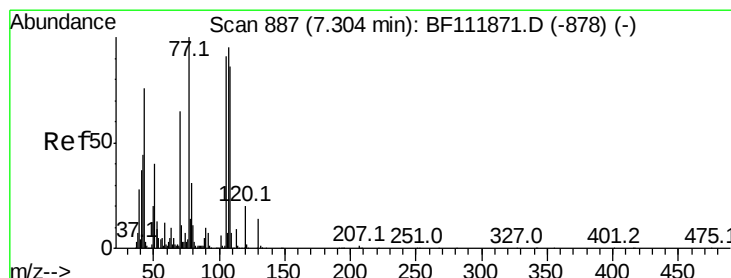
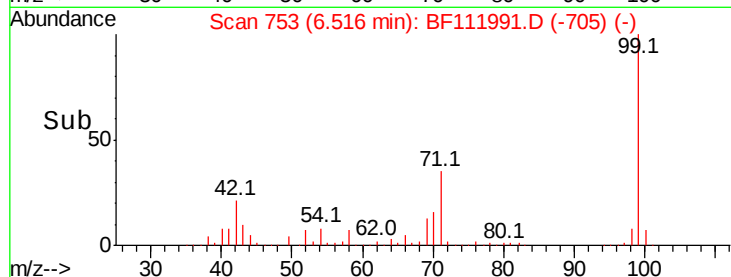
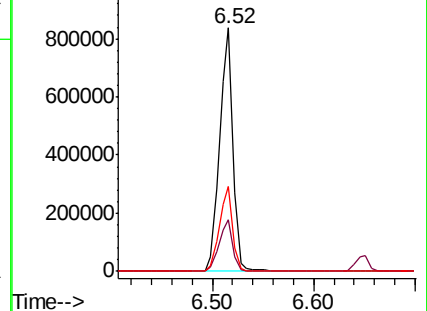
71 35.1 28.7 43.1



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: 11.429 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF111991.D

Acq: 10 Jan 2019 17:01

Tgt Ion: 70 Resp: 64500

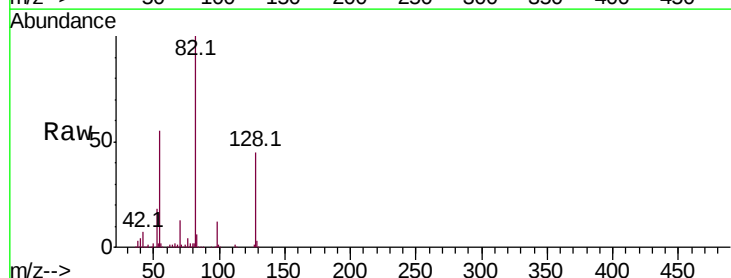
Ion Ratio Lower Upper

70 100

42 51.9 53.6 80.4#

101 0.0 7.3 10.9#

130 1.8 16.8 25.2#

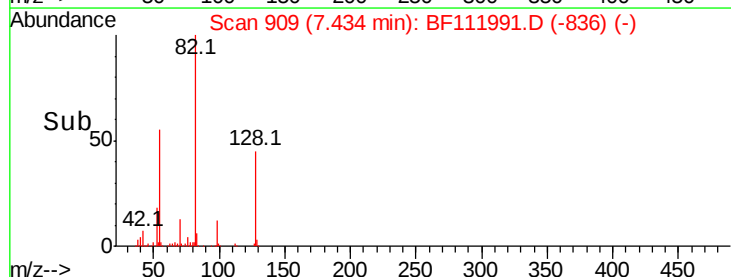
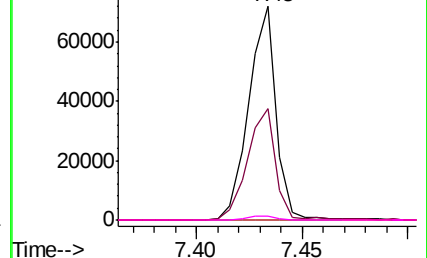


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

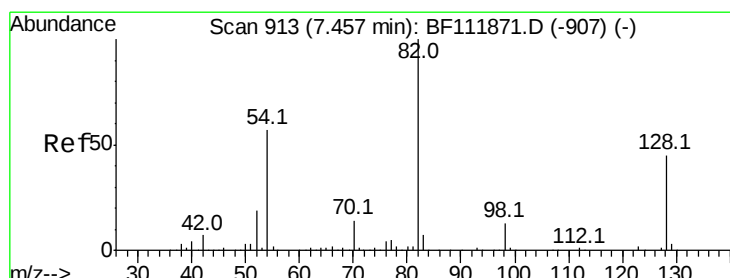
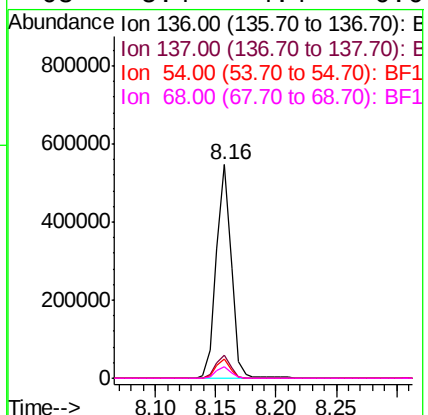
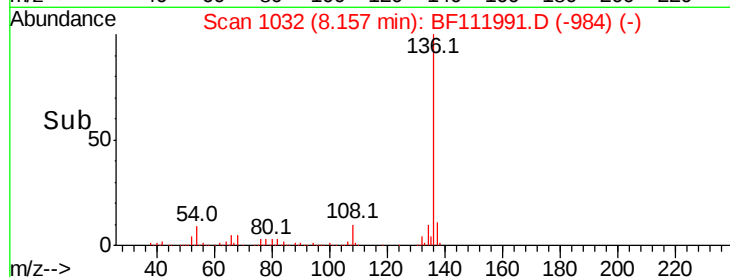
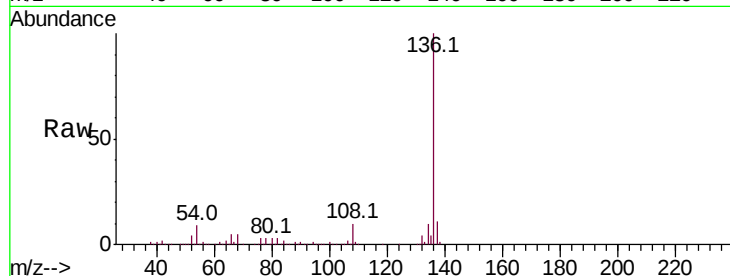




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111991.D
Acq: 10 Jan 2019 17:01

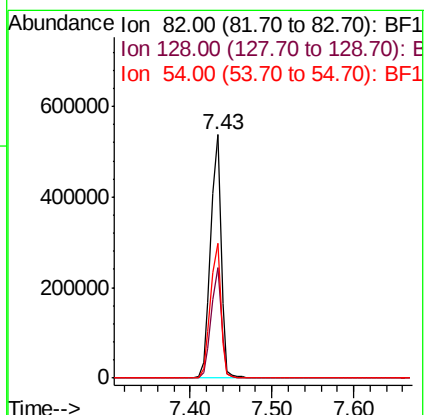
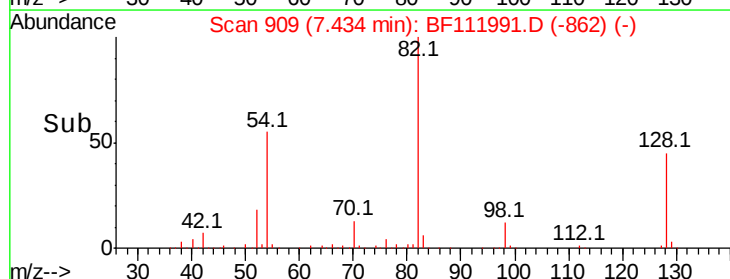
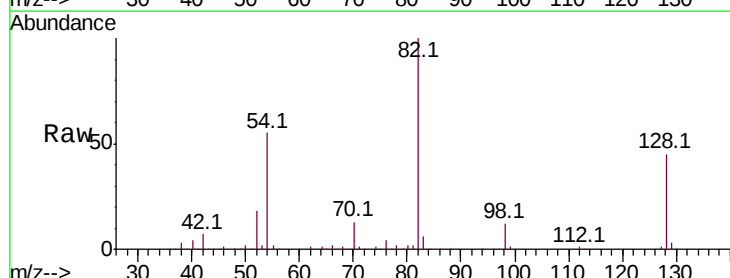
Instrument :
BNA_F
ClientSampleId :

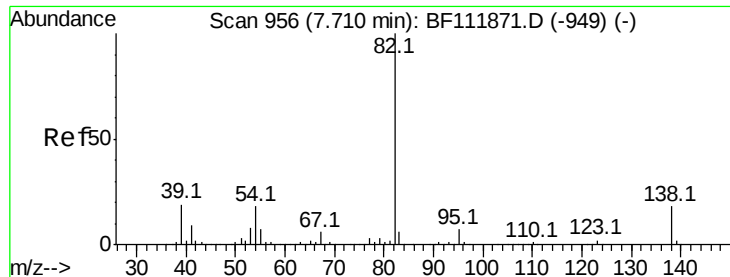
Tot Ion:136	Resp:	463157
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	8.8	7.2 10.8
68	5.4	4.4 6.6



#23
Nitrobenzene-d5
Concen: 55.447 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111991.D
Acq: 10 Jan 2019 17:01

Tgt Ion: 82	Resp:	480506
Ion Ratio	Lower	Upper
82	100	
128	45.2	35.7 53.5
54	55.1	45.8 68.8





#25

Isophorone

Concen: 34.241 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF111991.D

Acq: 10 Jan 2019 17:01

Instrument :

BNA_F

ClientSampleId :

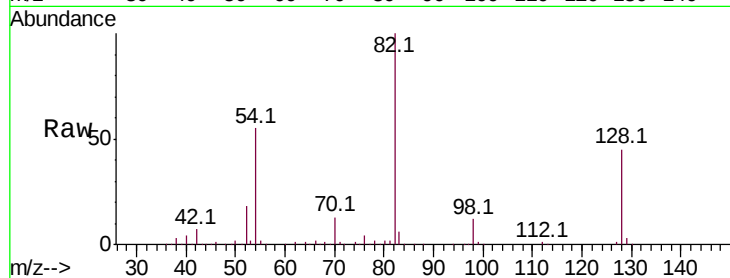
Tot Ion: 82 Resp: 480504

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

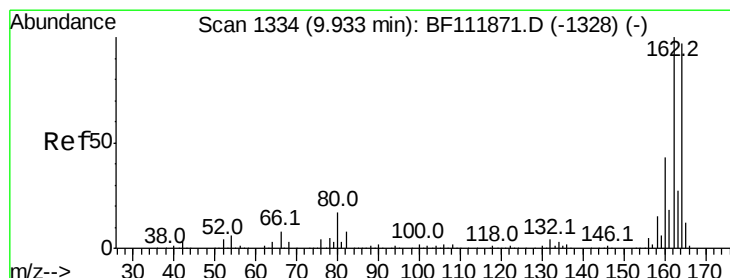
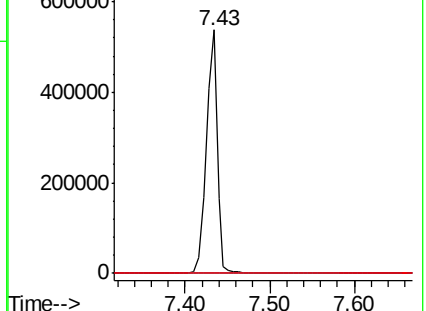
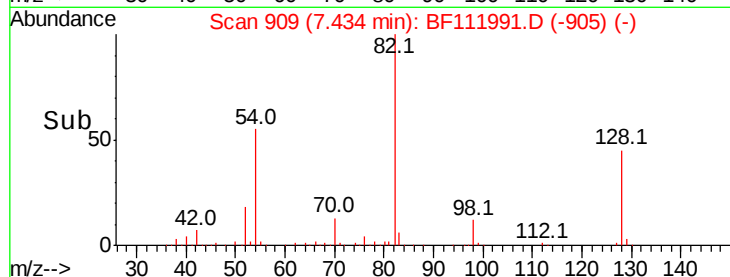
138 0.0 14.4 21.6#



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: BF111991.D

Acq: 10 Jan 2019 17:01

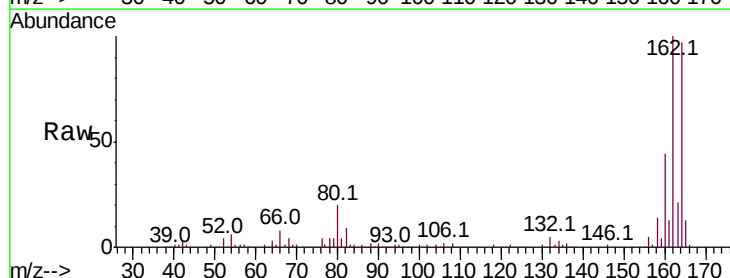
Tgt Ion:164 Resp: 224132

Ion Ratio Lower Upper

164 100

162 102.8 82.2 123.2

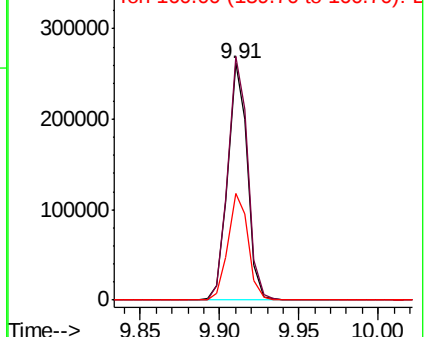
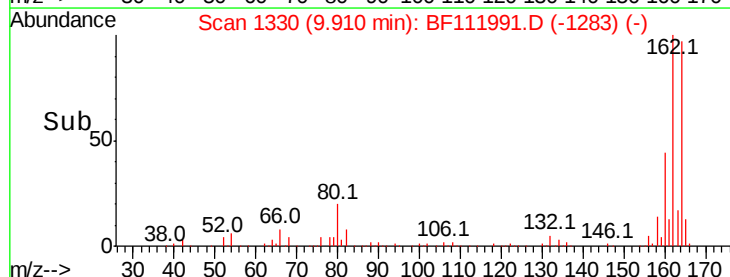
160 44.9 35.5 53.3

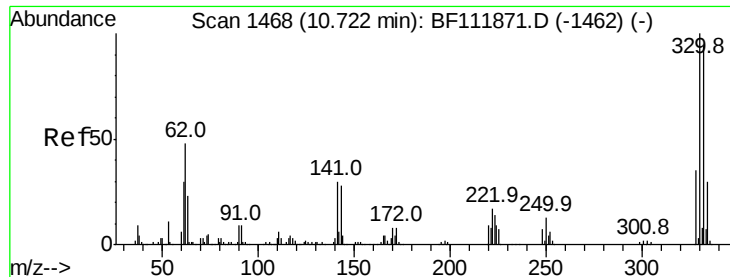


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 72.822 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF111991.D

Acq: 10 Jan 2019 17:01

Instrument :

BNA_F

ClientSampled :

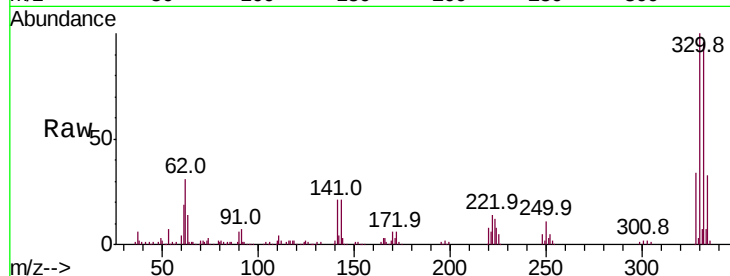
Tot Ion:330 Resp: 212295

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

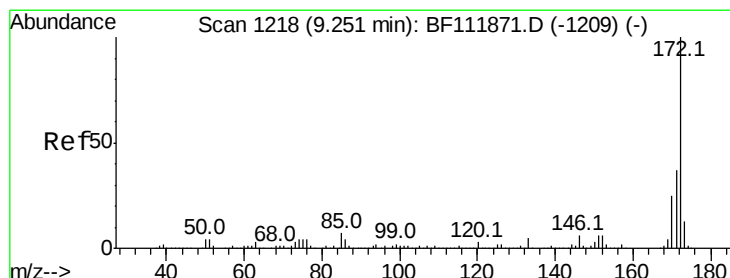
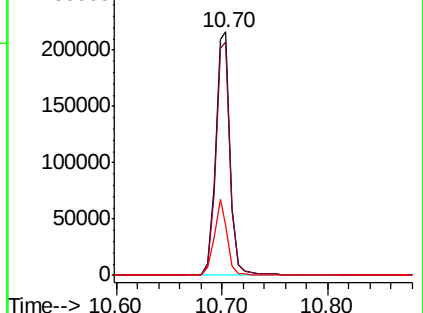
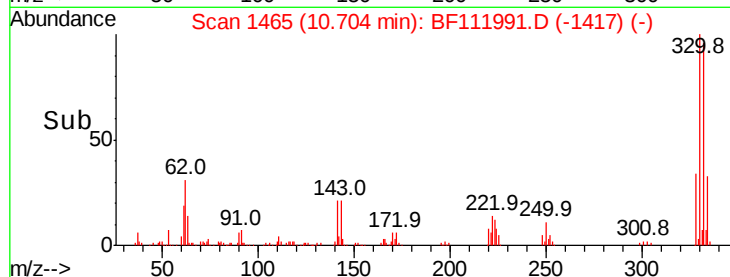
141 27.6 23.7 35.5



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: 59.087 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF111991.D

Acq: 10 Jan 2019 17:01

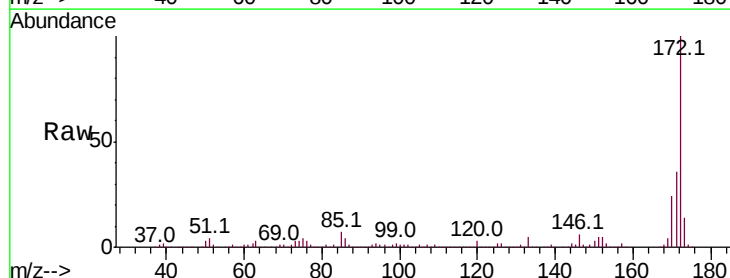
Tgt Ion:172 Resp: 908189

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

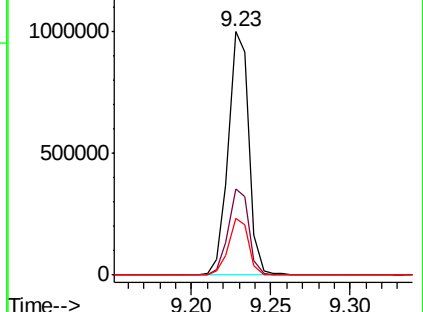
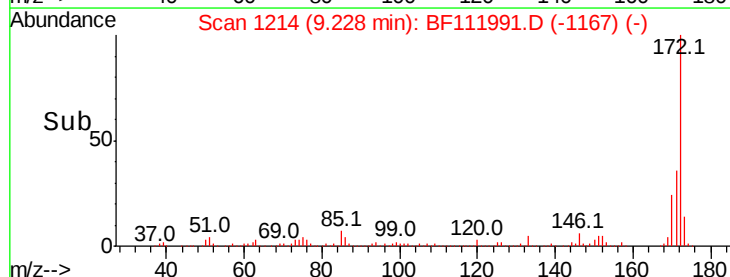
170 23.5 19.8 29.8

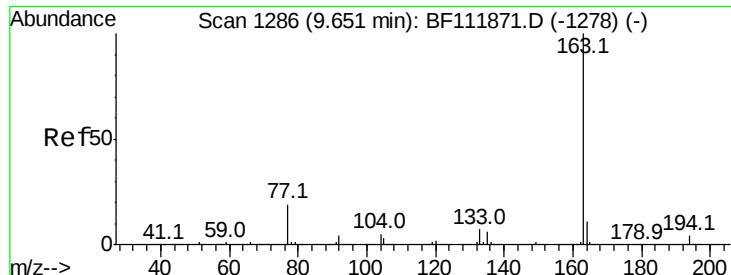


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

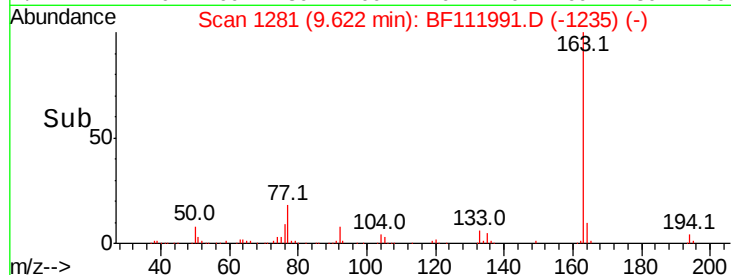
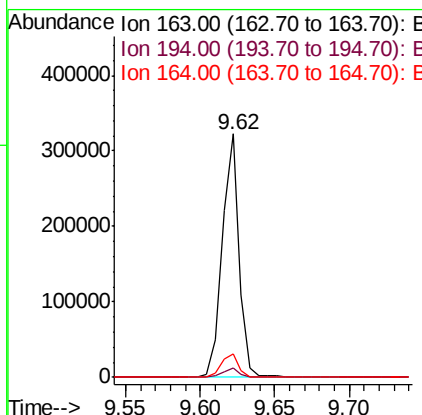
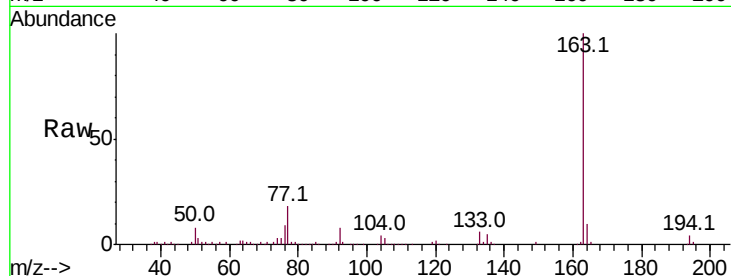




#50
Dimethylphthalate
Concen: 15.238 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111991.D
Acq: 10 Jan 2019 17:01

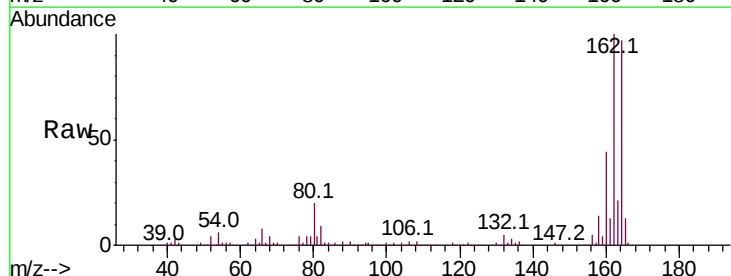
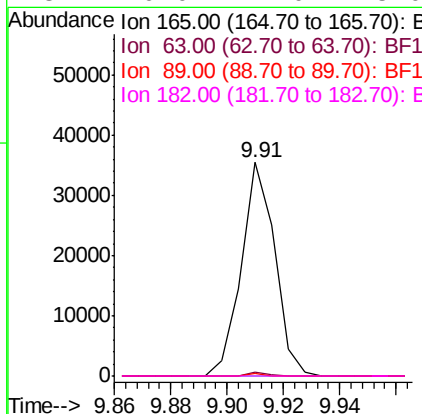
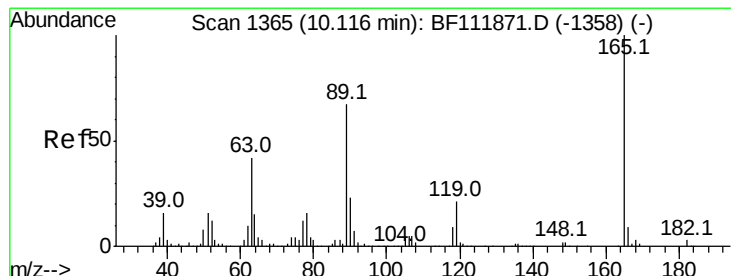
Instrument :
BNA_F
ClientSampleId :

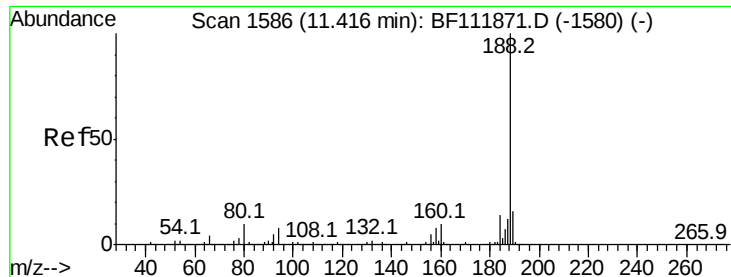
Tot Ion:163 Resp: 256561
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.6 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 6.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF111991.D
Acq: 10 Jan 2019 17:01

Tgt Ion:165 Resp: 29190
Ion Ratio Lower Upper
165 100
63 1.7 34.1 51.1#
89 1.5 53.5 80.3#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111991.D

Acq: 10 Jan 2019 17:01

Instrument :

BNA_F

ClientSampleId :

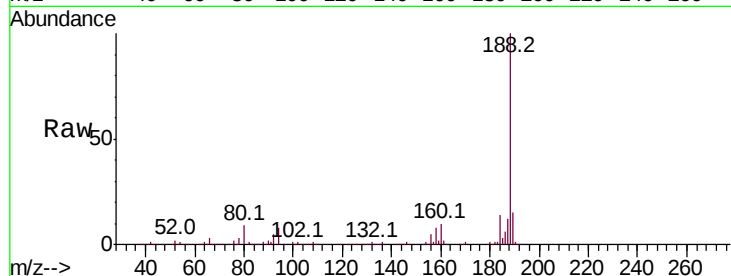
Tot Ion:188 Resp: 355577

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

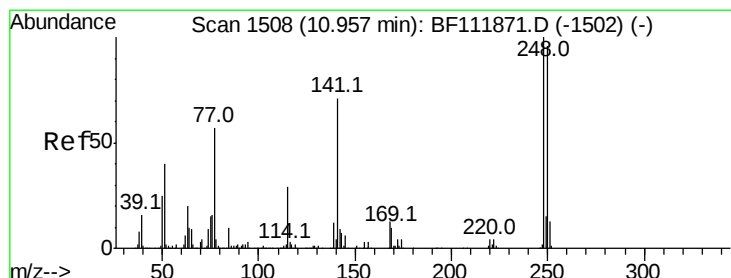
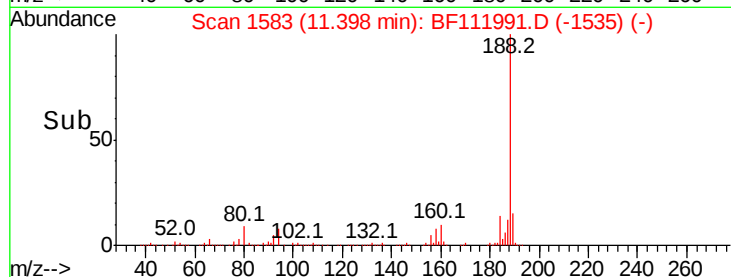
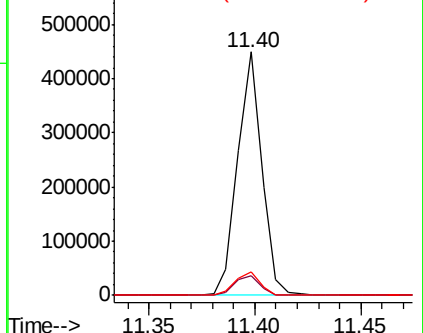
80 9.4 7.7 11.5



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: 2.607 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.26 min

Lab File: BF111991.D

Acq: 10 Jan 2019 17:01

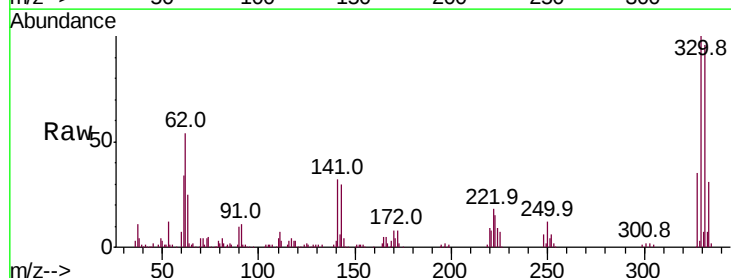
Tgt Ion:248 Resp: 12005

Ion Ratio Lower Upper

248 100

250 194.4 76.8 115.2#

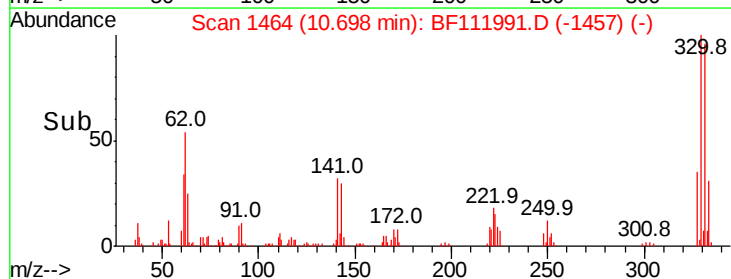
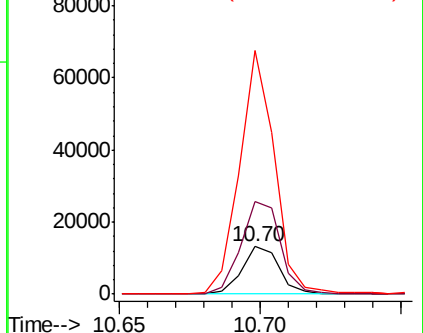
141 510.7 57.0 85.6#

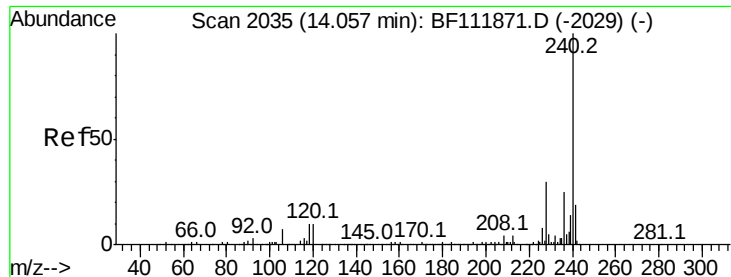


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

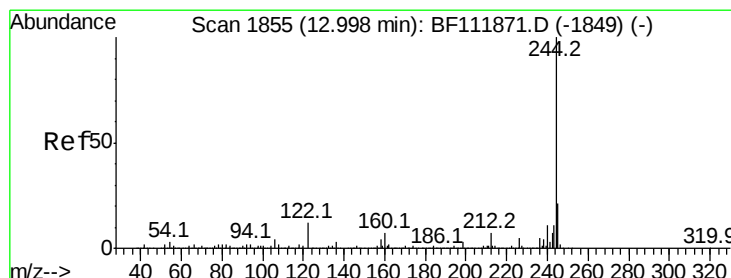
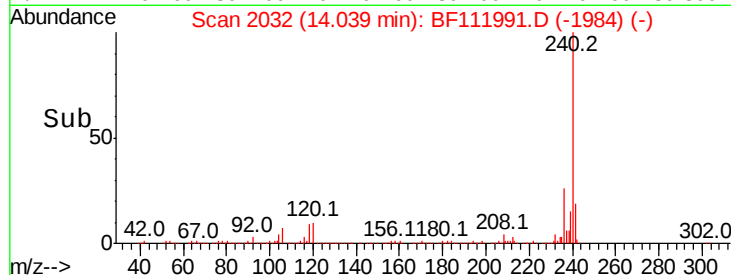
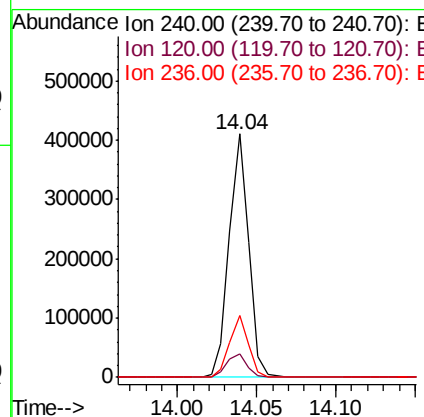
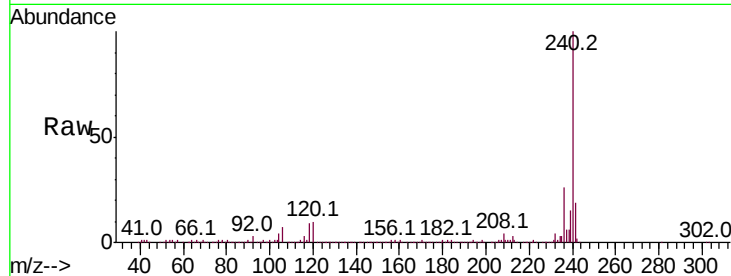




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF111991.D
 Acq: 10 Jan 2019 17:01

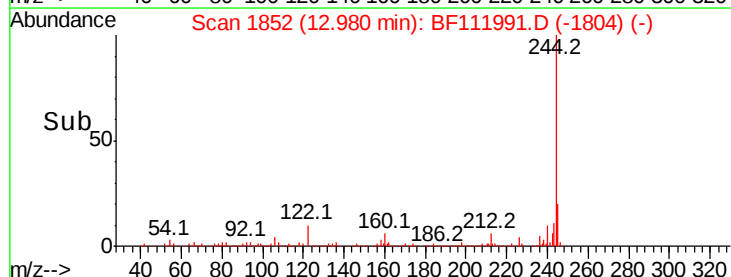
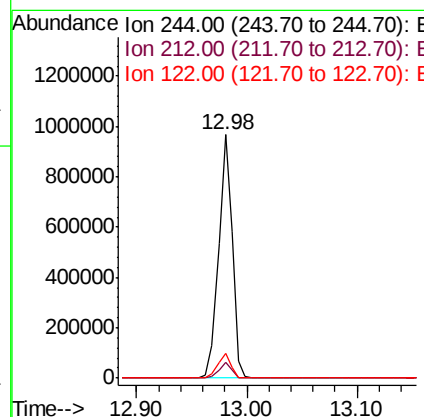
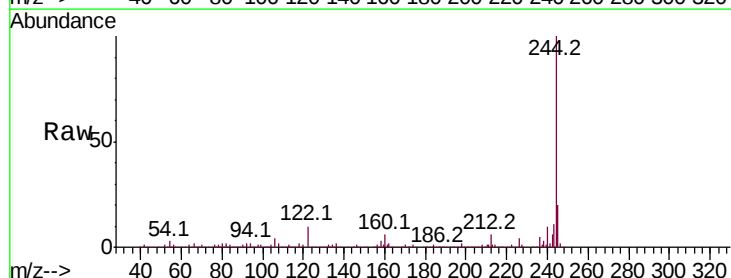
Instrument :
 BNA_F
 ClientSampleId :

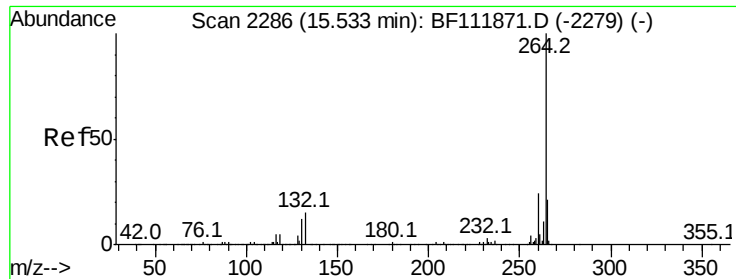
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	25.5	20.2	30.4



#79
 Terphenyl-d14
 Concen: 44.030 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF111991.D
 Acq: 10 Jan 2019 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.2	9.5	14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF111991.D
Acq: 10 Jan 2019 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.1	25.7

