

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111251.D
 Acq On : 10 Dec 2018 19:24
 Operator : JU/SJ
 Sample : PB115431BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BL

Quant Time: Dec 11 03:58:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

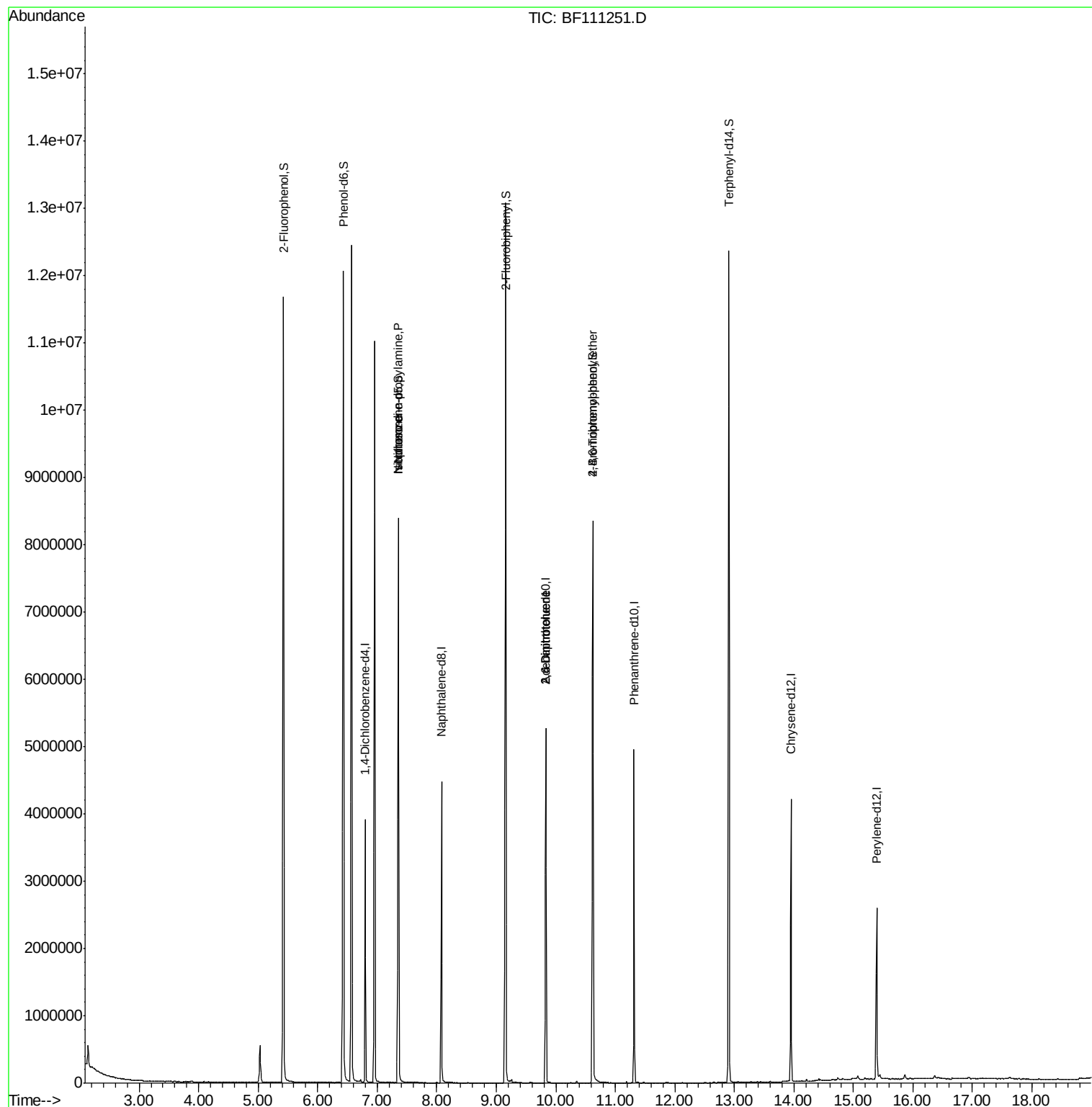
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	532961	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2156658	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1029690	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1649504	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1335390	20.00	ng	0.00
87) Perylene-d12	15.39	264	1149326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3687566	109.26	ng	0.02
7) Phenol-d6	6.43	99	4624301	110.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	3067969	79.79	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	986459	108.15	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4821304	79.93	ng	0.00
79) Terphenyl-d14	12.91	244	4316149	77.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	7649	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	412108	14.667 ng	#	1
25) Isophorone	7.36	82	3008783	45.943 ng	#	76
46) 1,1'-Biphenyl	9.26	154	12439	Below Cal		64
51) 2,6-Dinitrotoluene	9.83	165	134263	8.002 ng	#	97
57) 2,4-Dinitrotoluene	9.83	165	134263	6.491 ng	#	29
67) 4-Bromophenyl-phenylether	10.62	248	63802	3.531 ng	#	24
					#	1

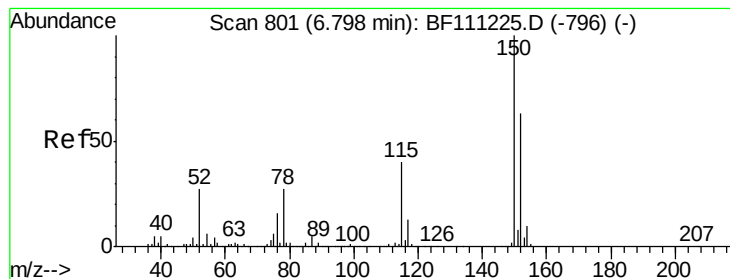
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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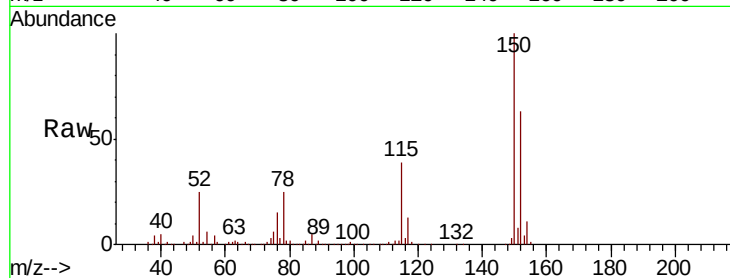


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB115431BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	61.6	50.7	76.1

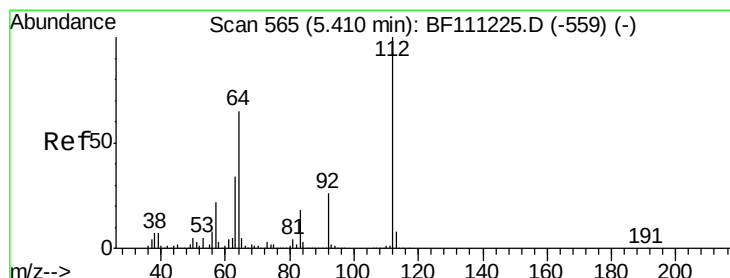
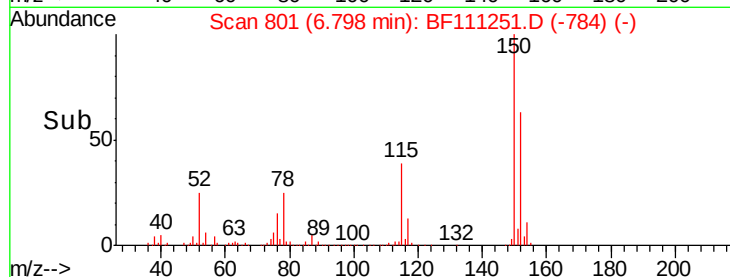
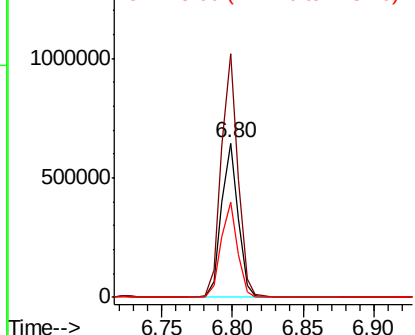


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

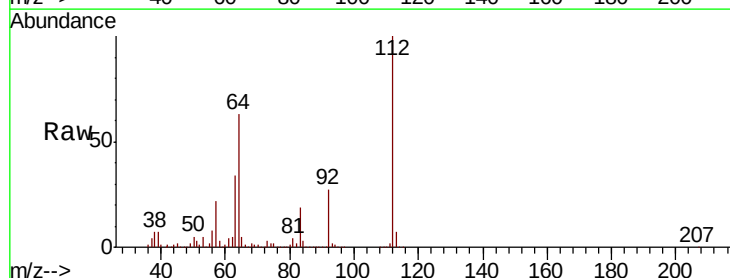
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.256 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	51.8	77.6
63	33.5	26.8	40.2

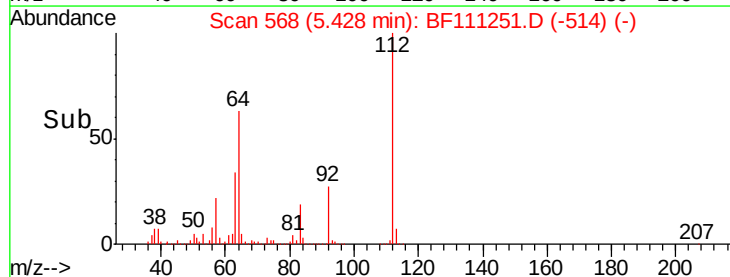
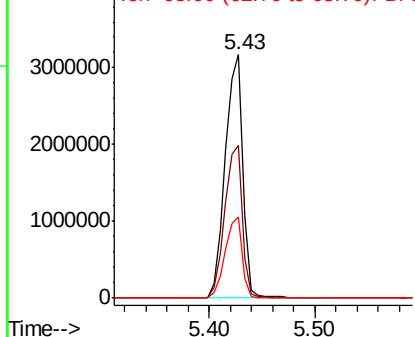


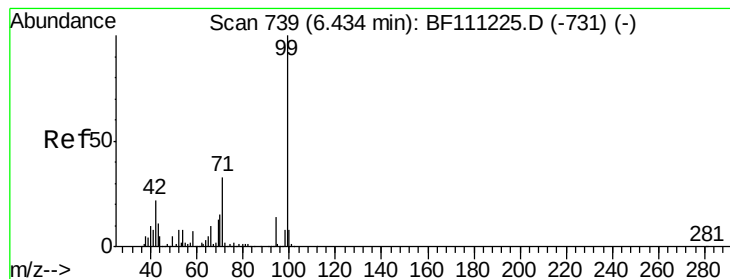
Abundance

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: 110.247 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB115431BL

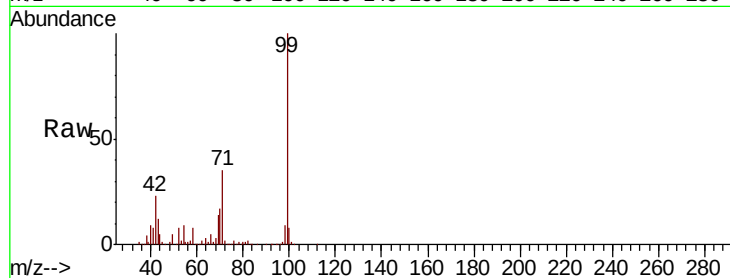
Tgt Ion: 99 Resp: 4624301

Ion Ratio Lower Upper

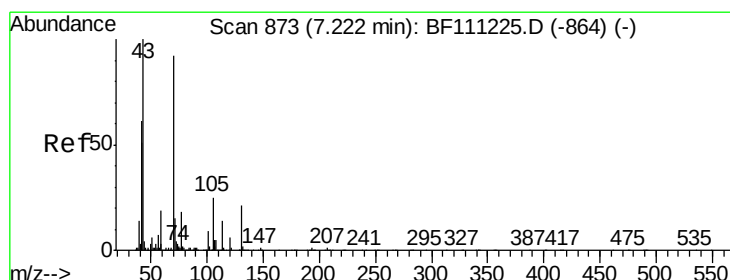
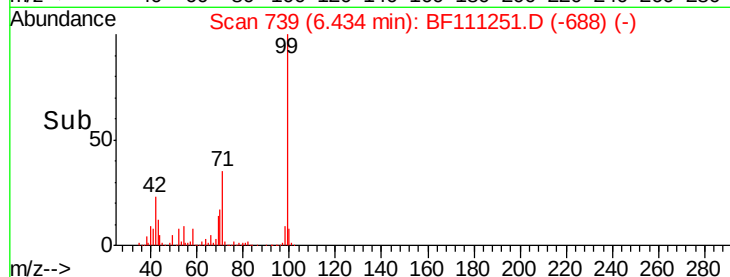
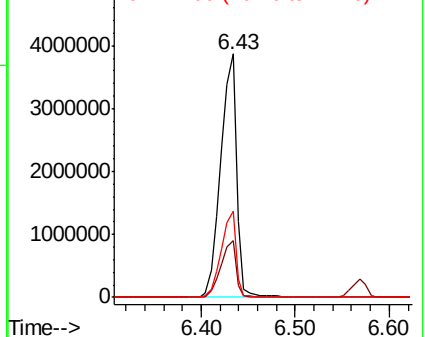
99 100

42 23.4 17.4 26.0

71 35.3 26.1 39.1



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: 14.667 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Tgt Ion: 70 Resp: 412108

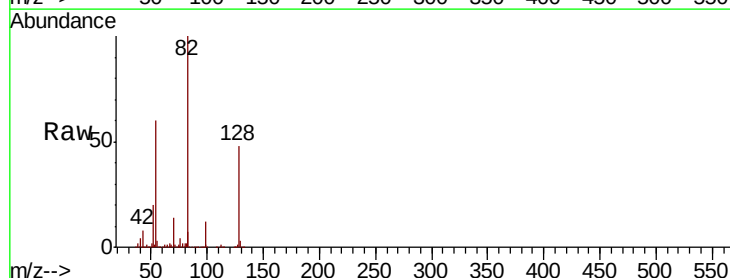
Ion Ratio Lower Upper

70 100

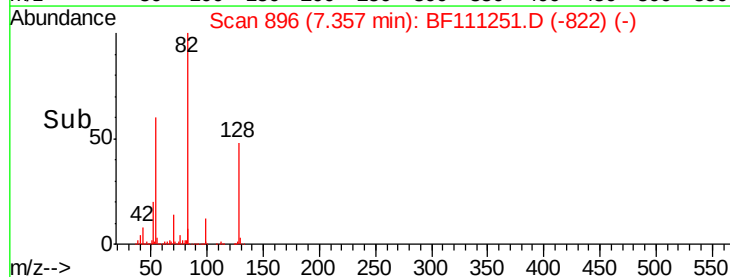
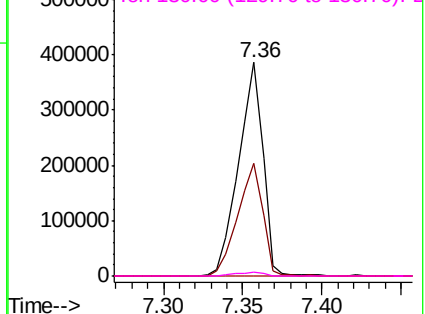
42 52.6 53.2 79.8#

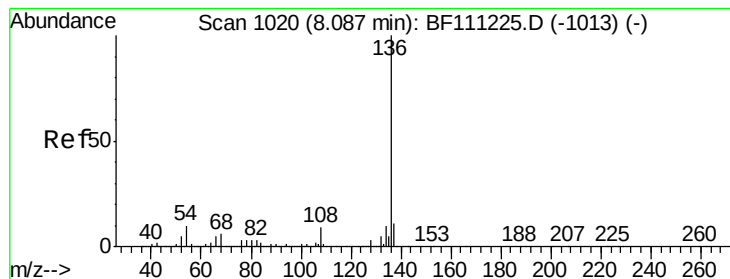
101 0.0 8.2 12.4#

130 2.1 18.1 27.1#



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB115431BL

Tgt Ion: 136 Resp: 2156658

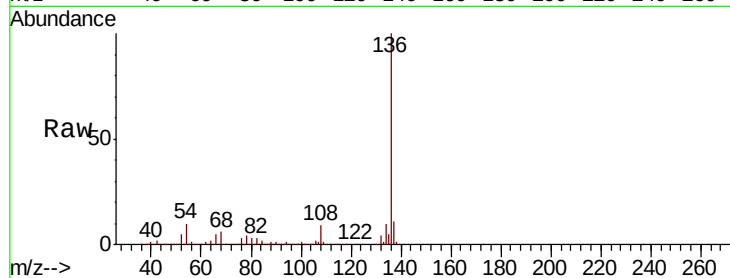
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.6 7.7 11.5

68 6.0 4.9 7.3

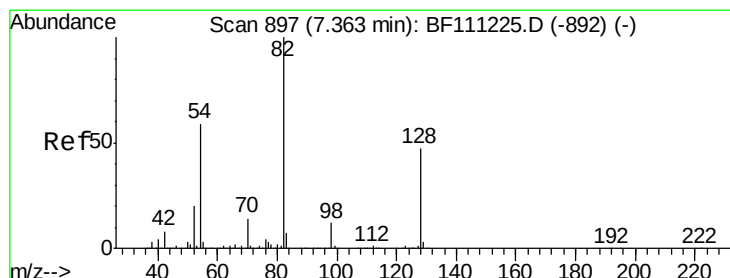
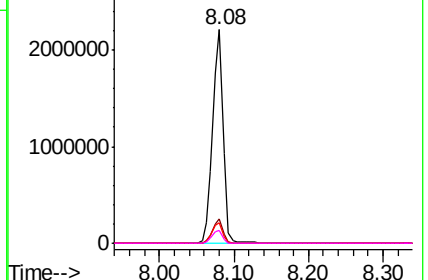
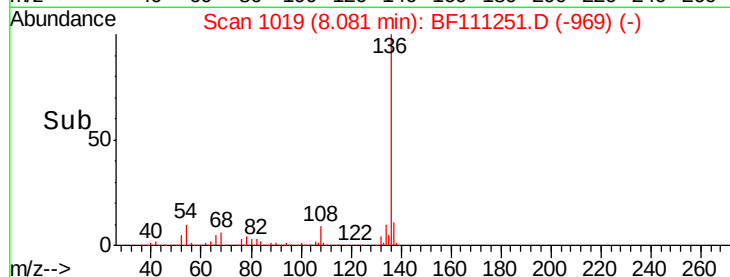


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.789 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

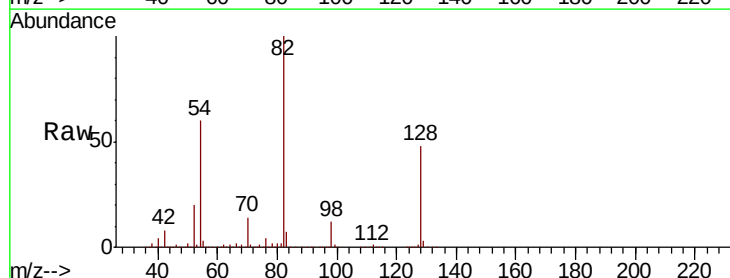
Tgt Ion: 82 Resp: 3067969

Ion Ratio Lower Upper

82 100

128 47.6 37.4 56.2

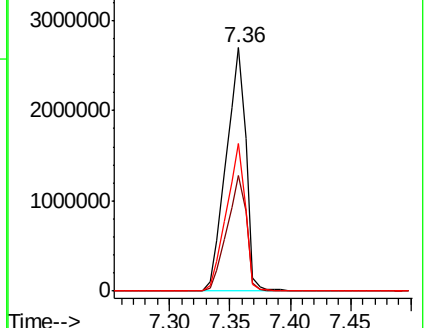
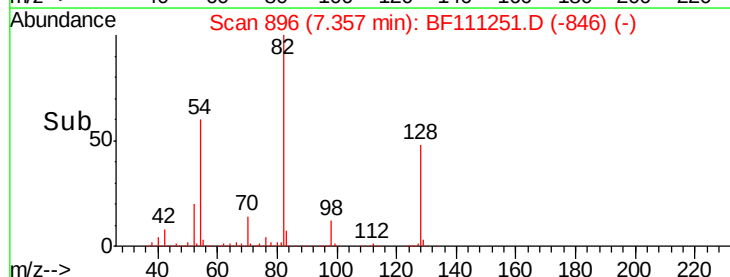
54 60.5 47.6 71.4

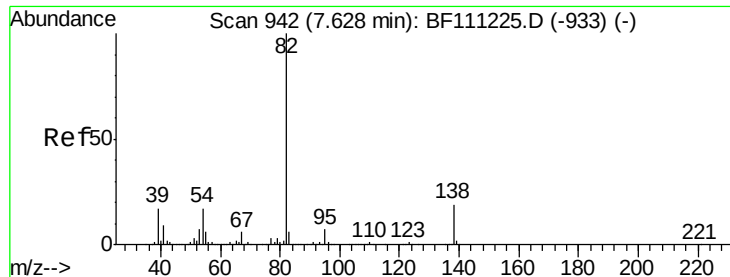


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.943 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB115431BL

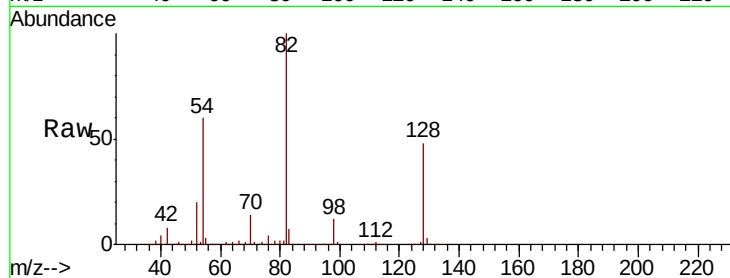
Tgt Ion: 82 Resp: 3008783

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

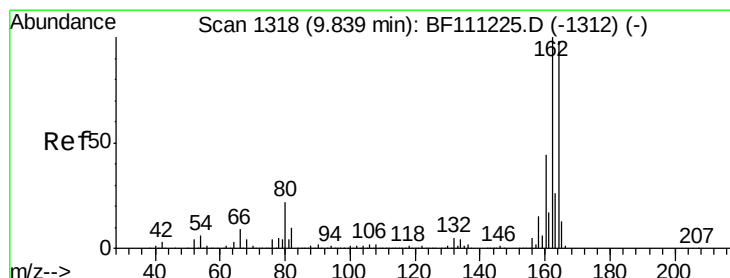
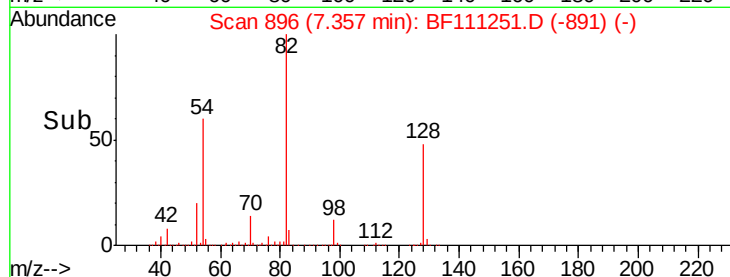
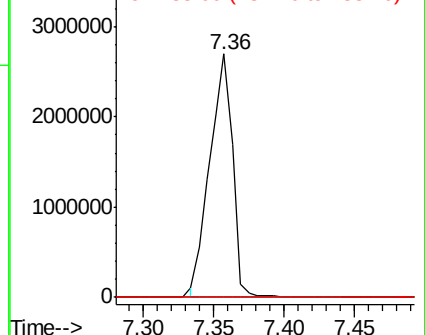
138 0.0 15.1 22.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

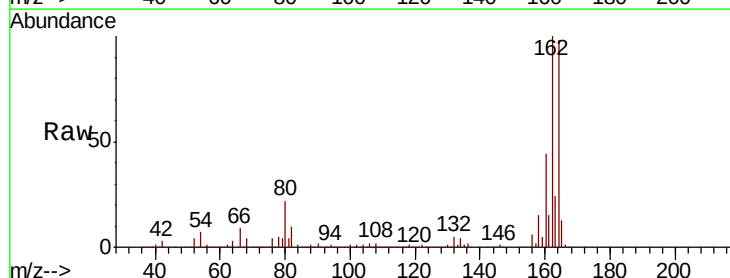
Tgt Ion: 164 Resp: 1029690

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

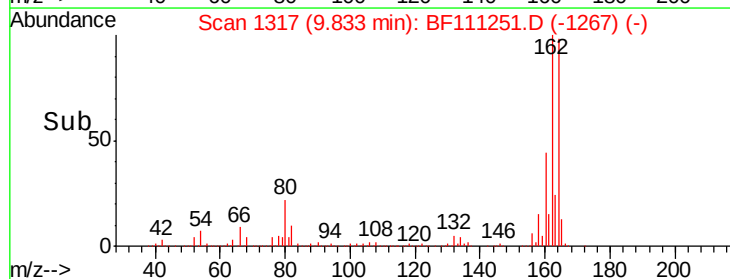
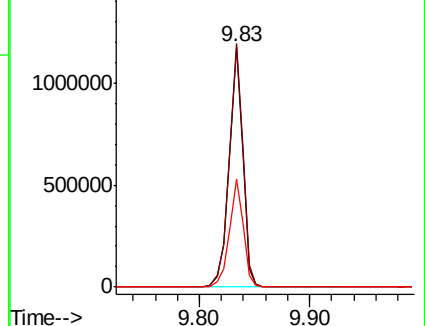
160 45.1 35.7 53.5

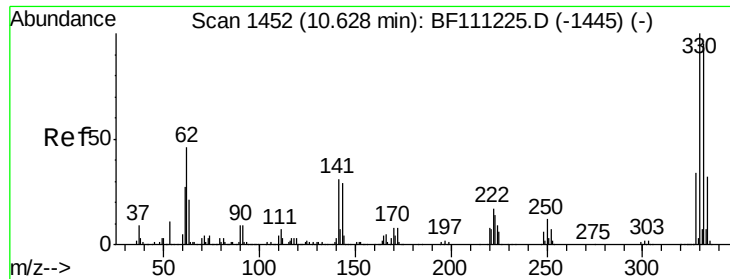


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

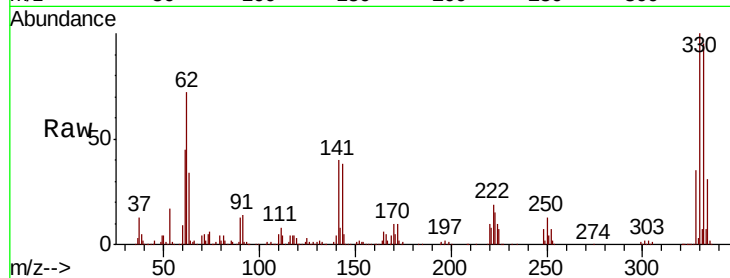




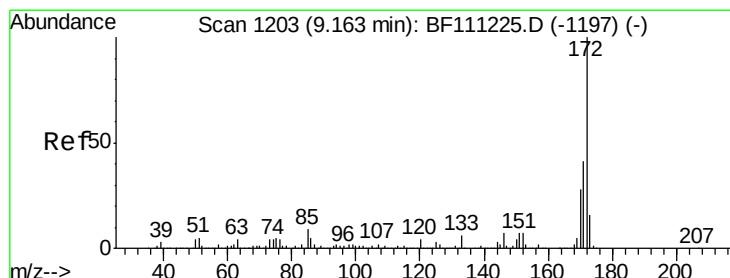
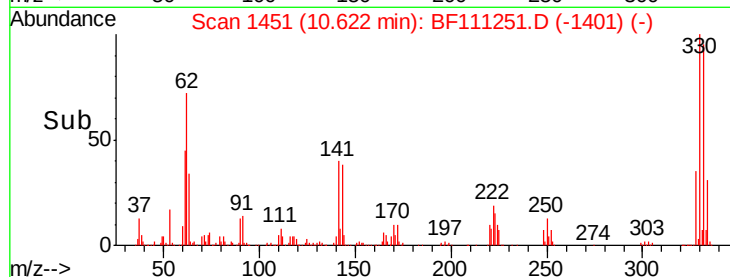
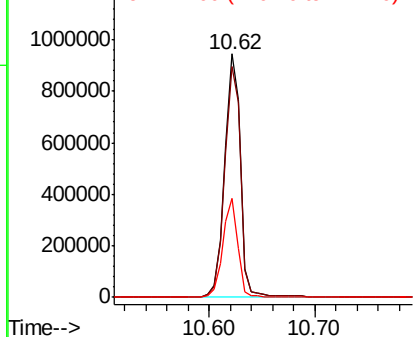
#42
 2,4,6-Tribromophenol
 Concen: 108.151 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111251.D
 Acq: 10 Dec 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BL

Tgt Ion:330 Resp: 986459
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.0 114.0
 141 39.2 31.0 46.6

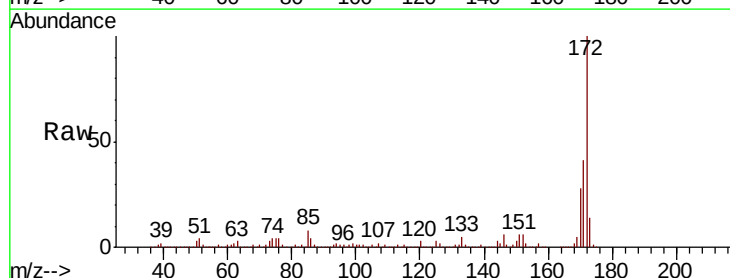


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

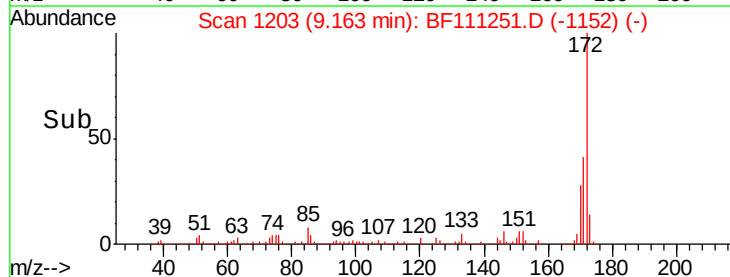
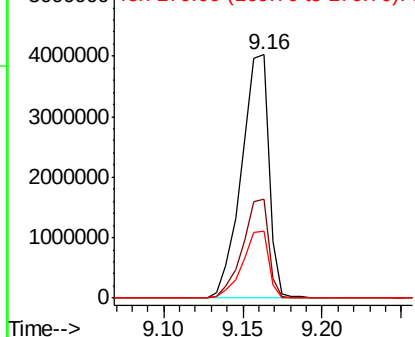


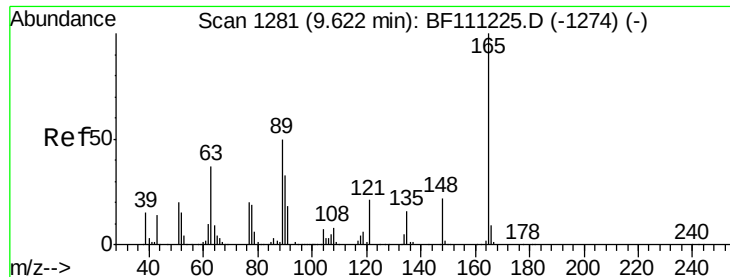
#45
 2-Fluorobiphenyl
 Concen: 79.931 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111251.D
 Acq: 10 Dec 2018 19:24

Tgt Ion:172 Resp: 4821304
 Ion Ratio Lower Upper
 172 100
 171 40.5 33.0 49.4
 170 27.7 22.3 33.5



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





#51

2,6-Dinitrotoluene

Concen: 8.002 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB115431BL

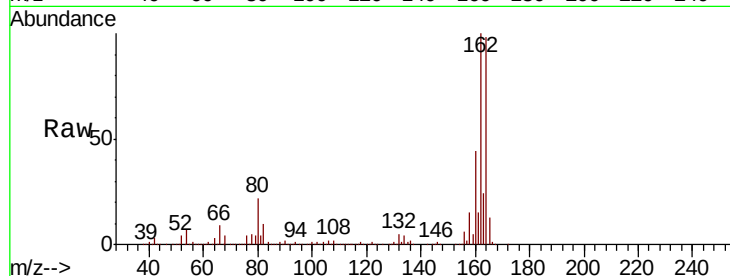
Tgt Ion:165 Resp: 134263

Ion Ratio Lower Upper

165 100

63 0.8 40.5 60.7#

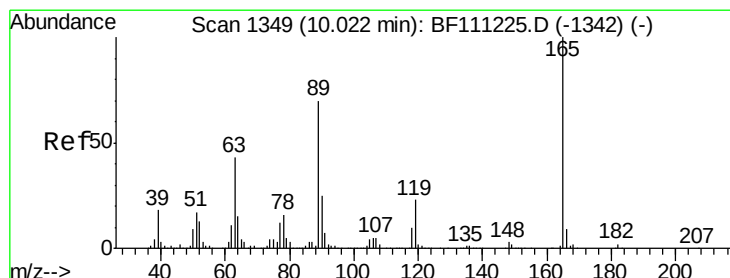
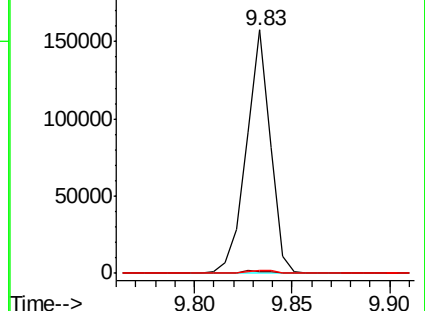
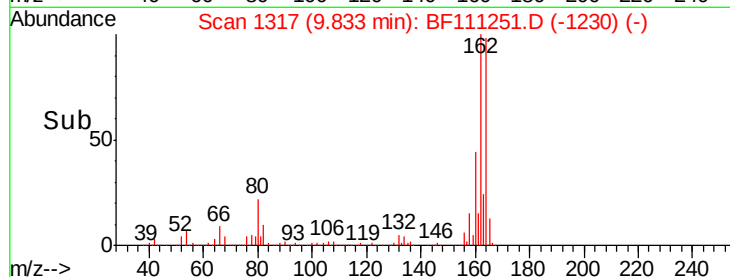
89 1.1 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 6.491 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Tgt Ion:165 Resp: 134263

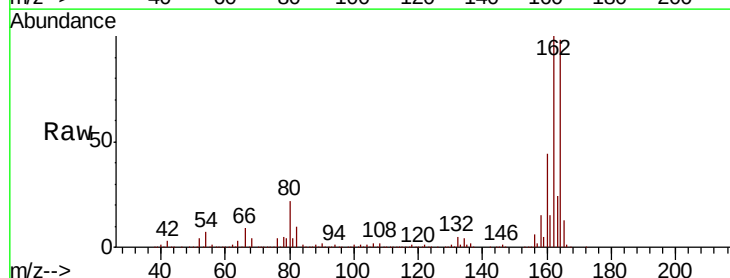
Ion Ratio Lower Upper

165 100

63 0.8 34.6 52.0#

89 1.1 56.2 84.4#

182 0.0 1.8 2.6#

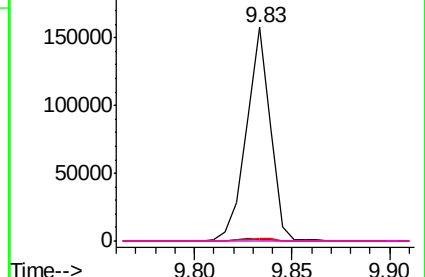
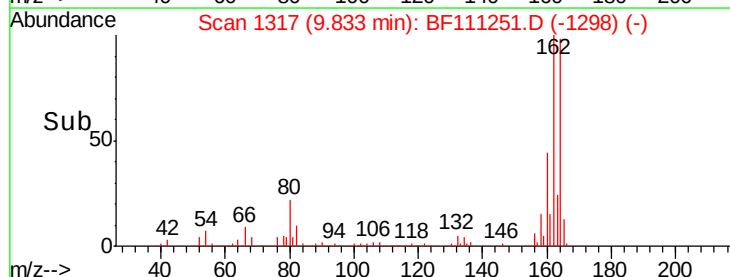


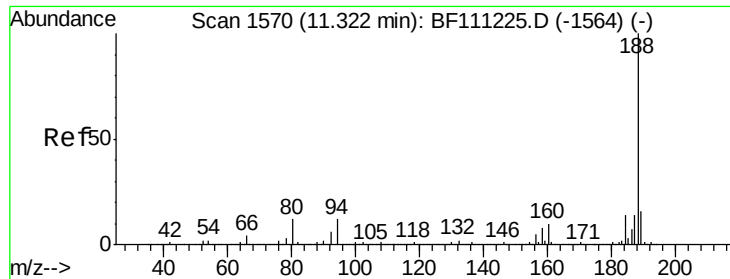
Abundance Ion 165.00 (164.70 to 165.70): E

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

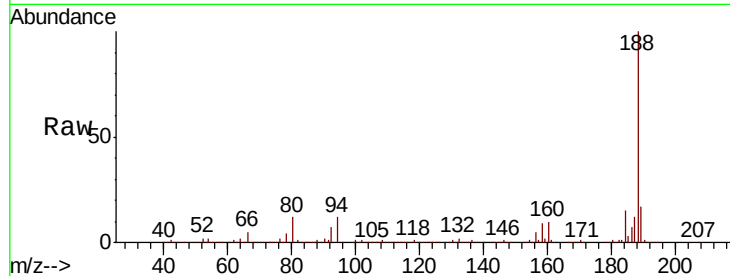




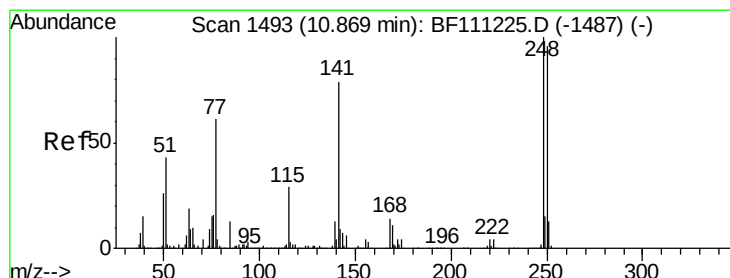
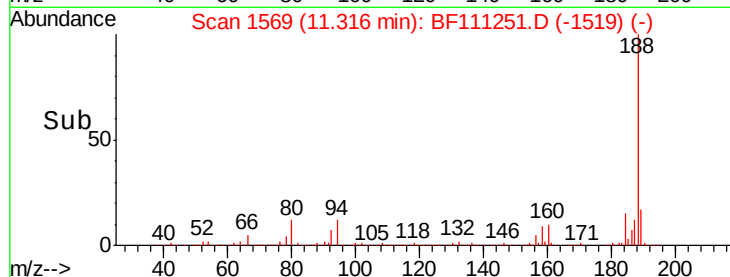
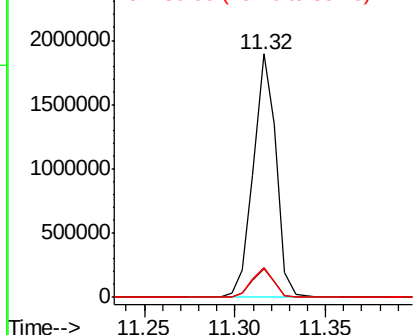
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB115431BL

Tgt Ion:188 Resp: 1649504
Ion Ratio Lower Upper
188 100
94 11.9 9.6 14.4
80 12.2 9.8 14.6

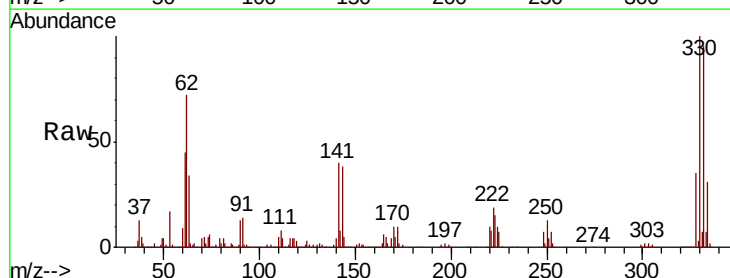


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

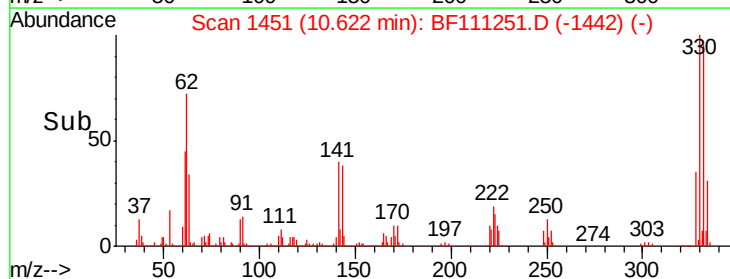
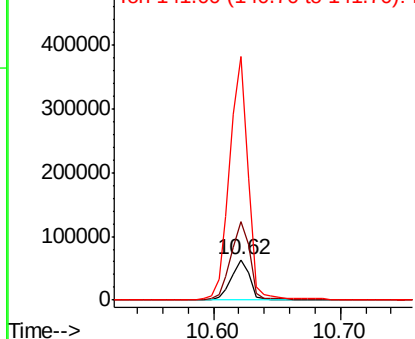


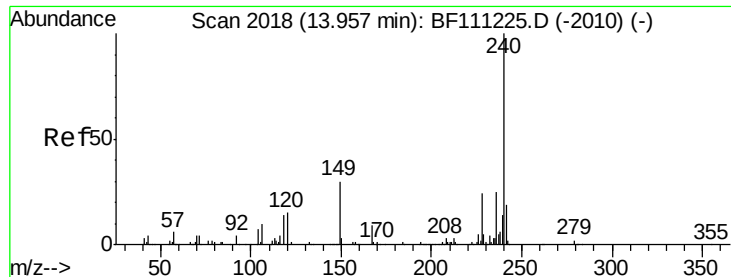
#67
4-Bromophenyl-phenylether
Concen: 3.531 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Tgt Ion:248 Resp: 63802
Ion Ratio Lower Upper
248 100
250 196.2 77.0 115.4#
141 604.8 63.0 94.6#



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

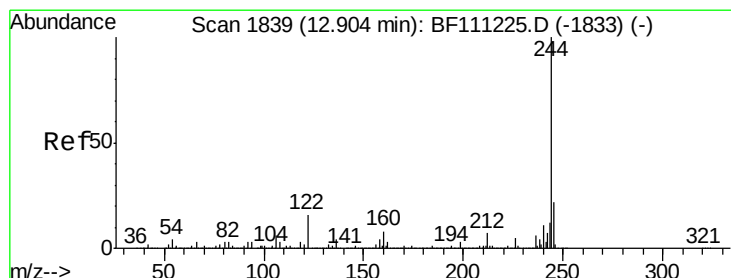
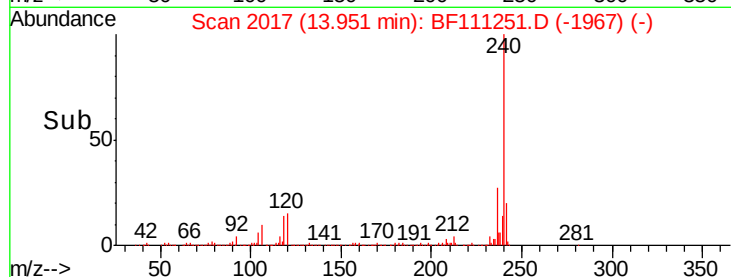
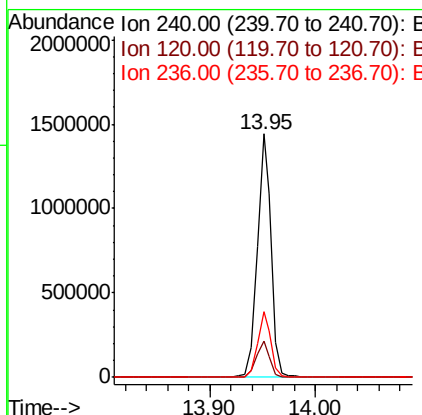
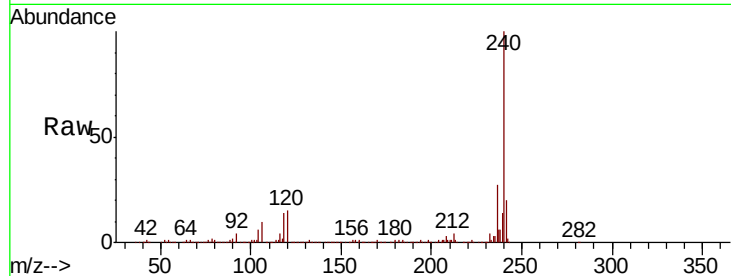




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

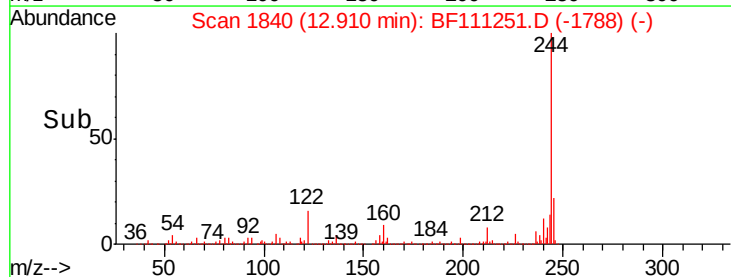
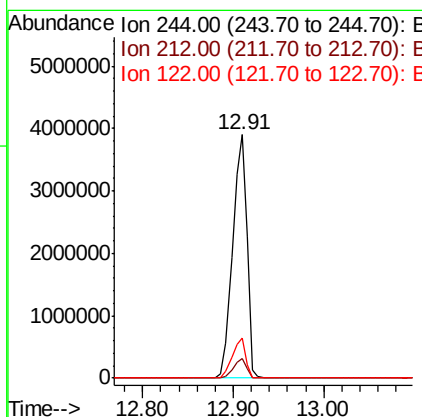
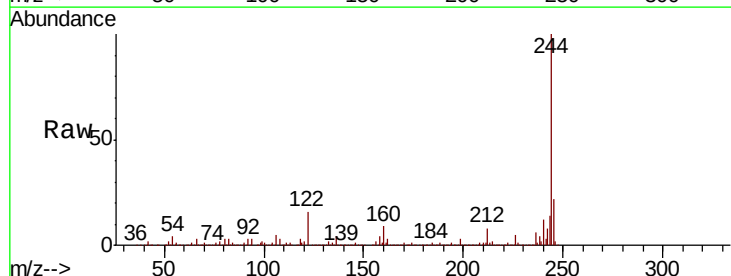
Instrument :
BNA_F
ClientSampleId :
PB115431BL

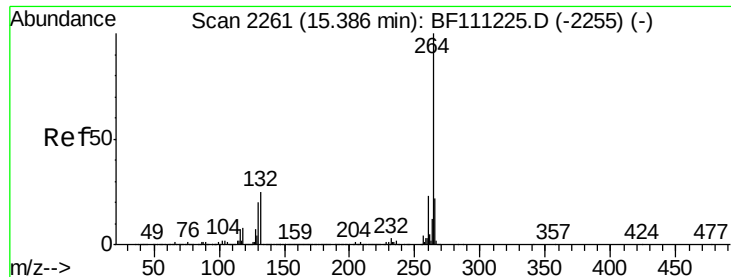
Tgt Ion:240 Resp: 1335390
Ion Ratio Lower Upper
240 100
120 15.0 12.2 18.2
236 26.8 20.2 30.2



#79
Terphenyl-d14
Concen: 77.527 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Tgt Ion:244 Resp: 4316149
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 16.3 13.1 19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB115431BL

Tgt Ion: 264 Resp: 1149326

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.9	17.7	26.5

