

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111242.D
 Acq On : 10 Dec 2018 15:07
 Operator : JU/SJ
 Sample : J6269-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 17:23:35 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	573357	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2207181	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1059626	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1761607	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1013304	20.00	ng	0.00
87) Perylene-d12	15.39	264	932965	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3575235	98.46	ng	0.02
7) Phenol-d6	6.43	99	4414431	97.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	3158094	80.25	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1077876	114.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4862988	77.72	ng	0.00
79) Terphenyl-d14	12.91	244	4118654	97.49	ng	0.00

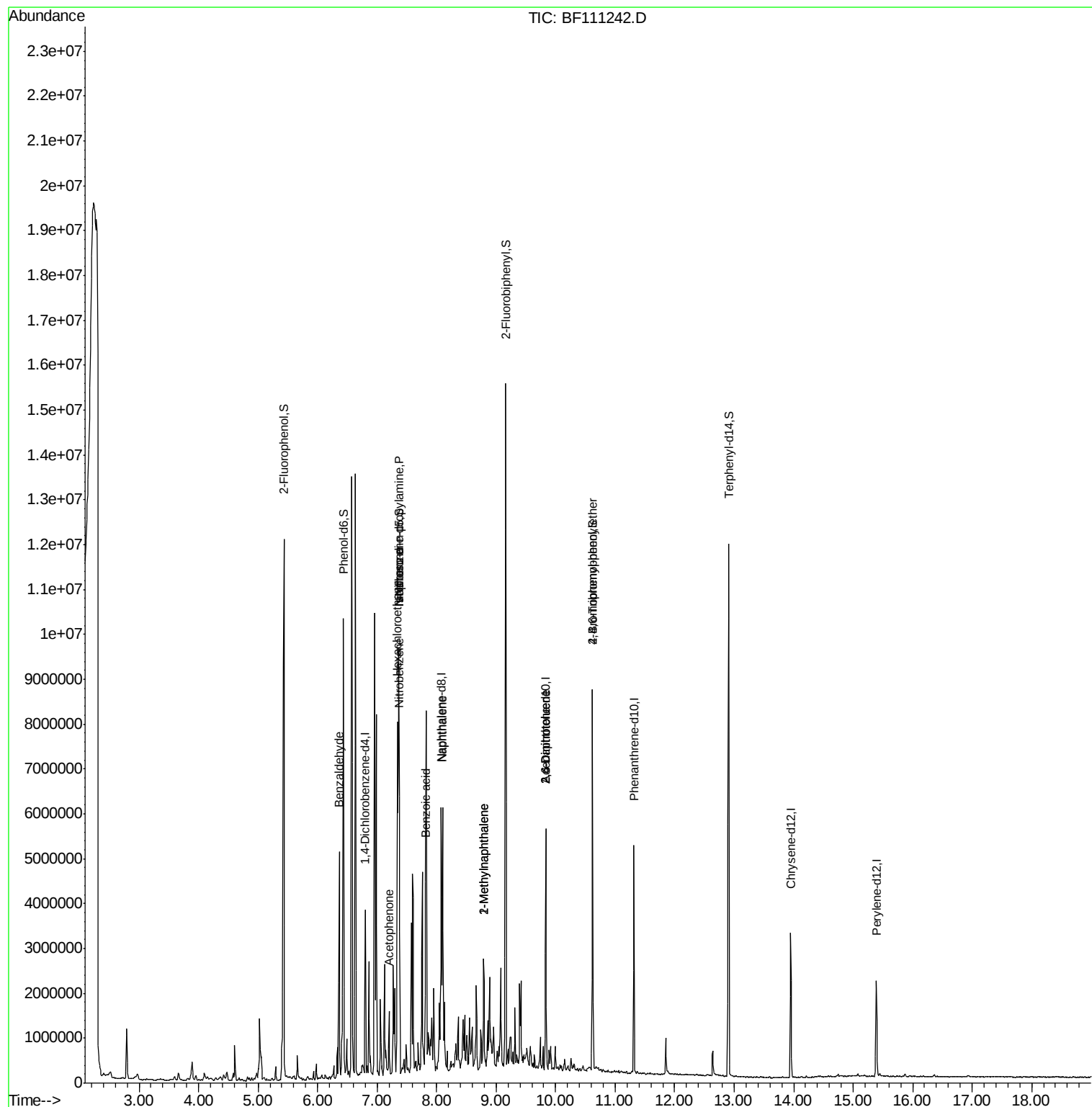
Target Compounds				Qvalue		
9) Benzaldehyde	6.36	77	183567	4.772	ng	# 1
18) Hexachloroethane	7.34	117	558830	32.779	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	433446	14.339	ng	# 77
22) Acetophenone	7.20	105	507266	10.044	ng	# 56
24) Nitrobenzene	7.37	77	89172	2.177	ng	# 1
25) Isophorone	7.36	82	3122048	46.581	ng	# 64
31) Naphthalene	8.10	128	2066748	21.455	ng	# 99
32) Benzoic acid	7.81	122	130185	5.007	ng	# 49
37) 2-Methylnaphthalene	8.79	142	605294	9.464	ng	# 99
38) 1-Methylnaphthalene	8.79	142	605294	9.664	ng	# 97
46) 1,1'-Biphenyl	9.26	154	18983	Below Cal		# 99
51) 2,6-Dinitrotoluene	9.83	165	134758	7.805	ng	# 34
57) 2,4-Dinitrotoluene	9.83	165	134758	6.331	ng	# 29
67) 4-Bromophenyl-phenylether	10.63	248	71839	3.723	ng	# 1

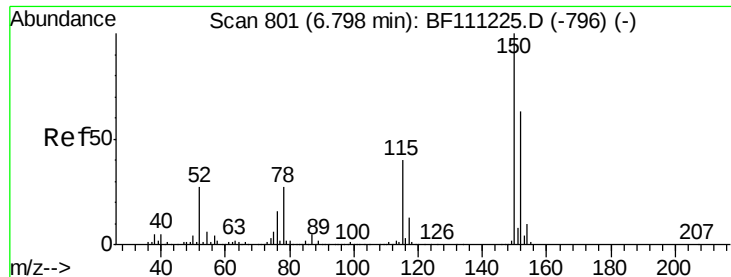
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111242.D
Acq On : 10 Dec 2018 15:07
Operator : JU/SJ
Sample : J6269-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 10 17:23:35 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



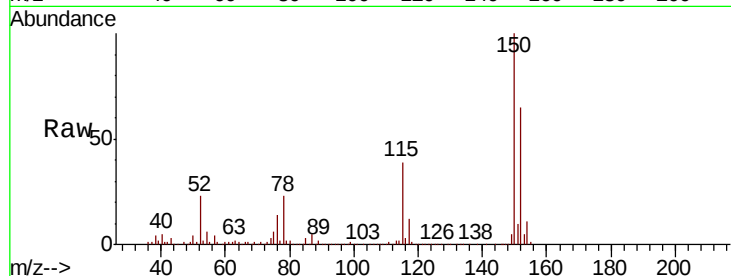


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	59.4	50.7	76.1

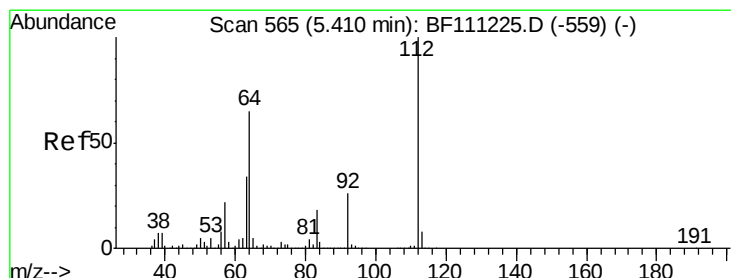
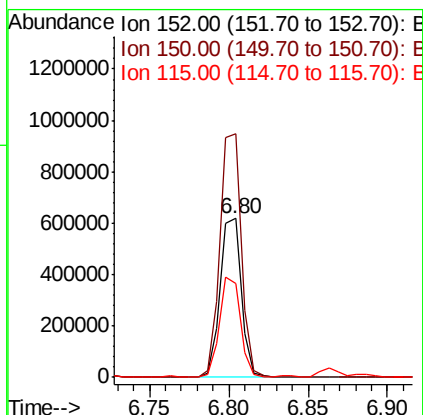
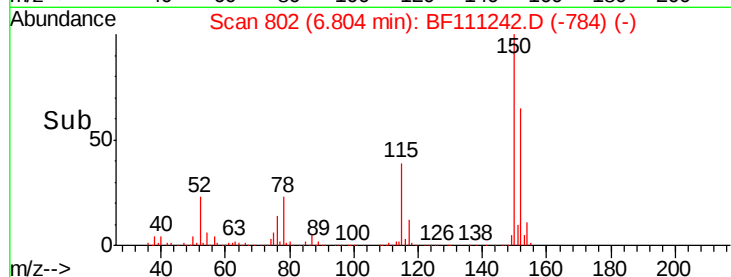


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

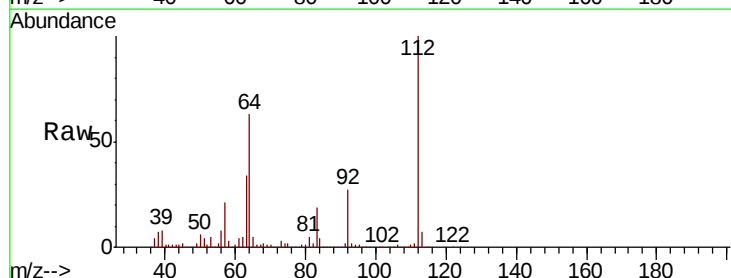
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.465 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	51.8	77.6
63	34.2	26.8	40.2

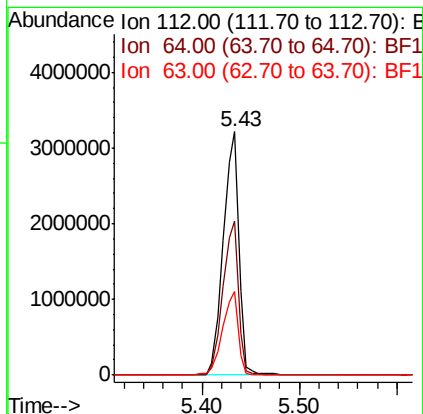
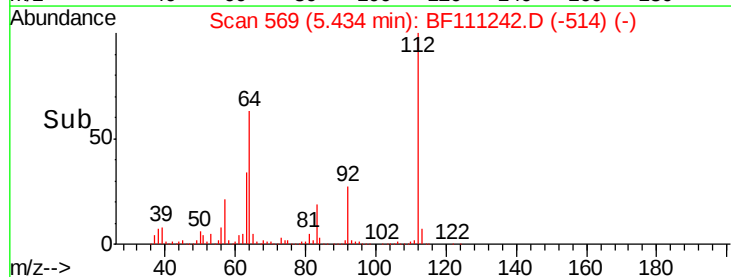


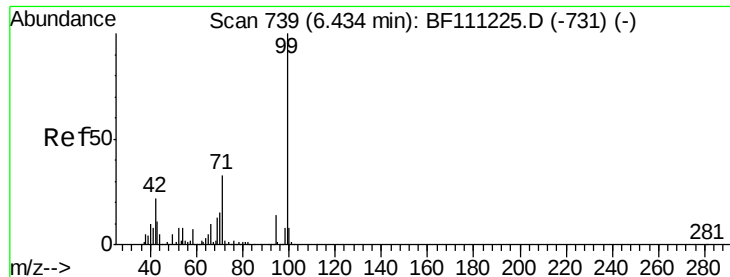
Abundance

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: 97.829 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

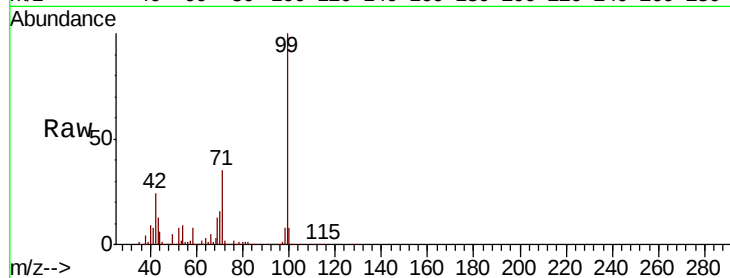
Tot Ion: 99 Resp: 4414431

Ion Ratio Lower Upper

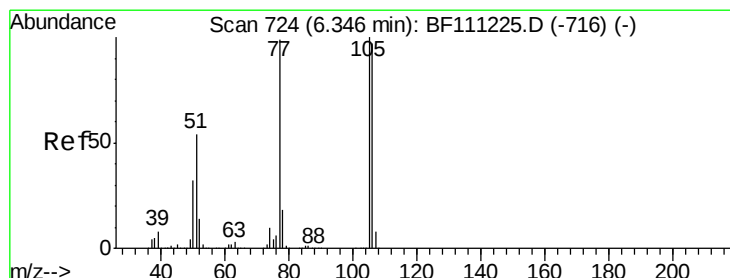
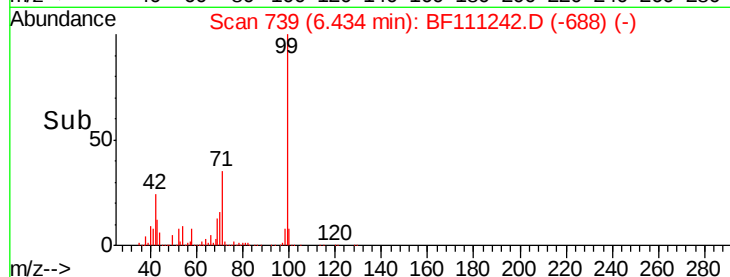
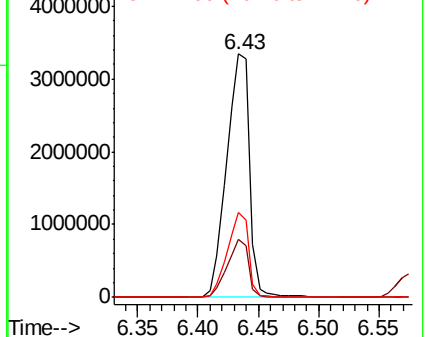
99 100

42 23.7 17.4 26.0

71 35.1 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



#9

Benzaldehyde

Concen: 4.772 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

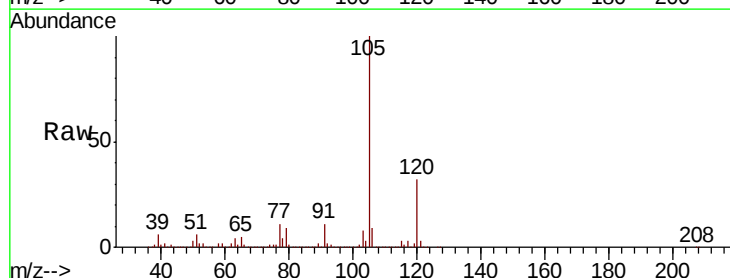
Tgt Ion: 77 Resp: 183567

Ion Ratio Lower Upper

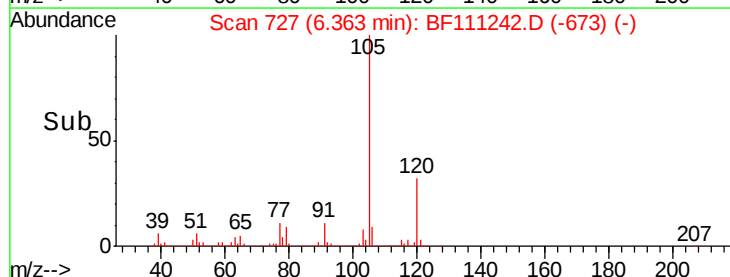
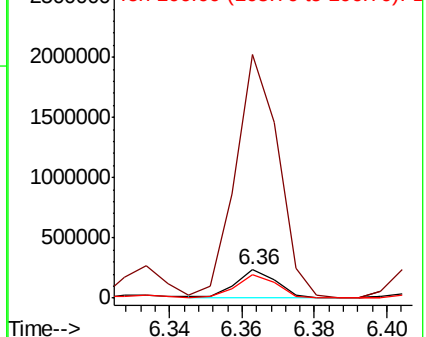
77 100

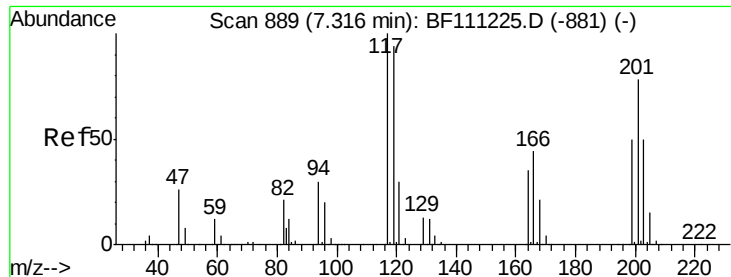
105 869.6 81.4 121.4#

106 81.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

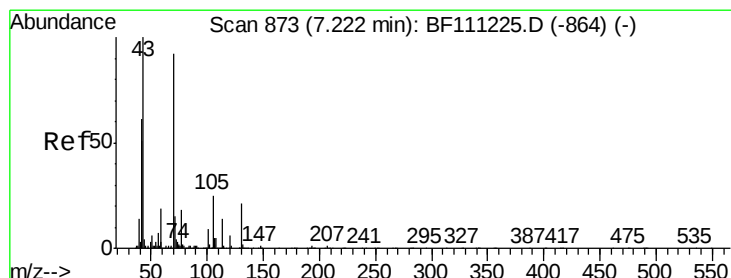
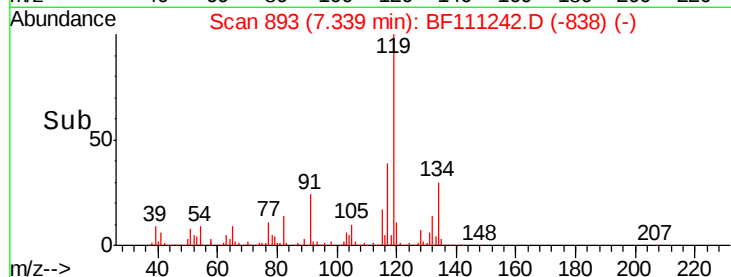
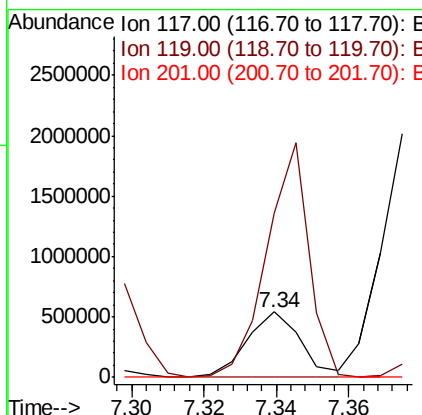
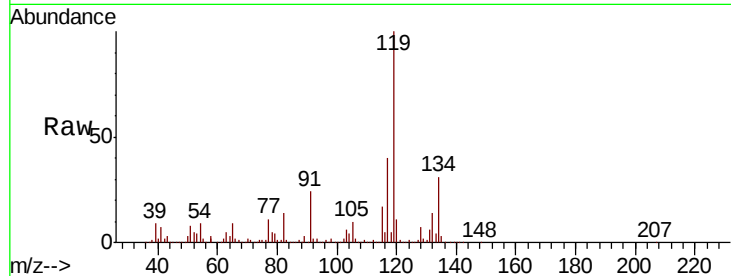




#18
Hexachloroethane
Concen: 32.779 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.02 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

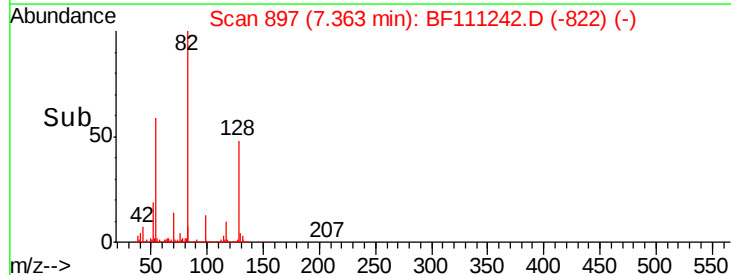
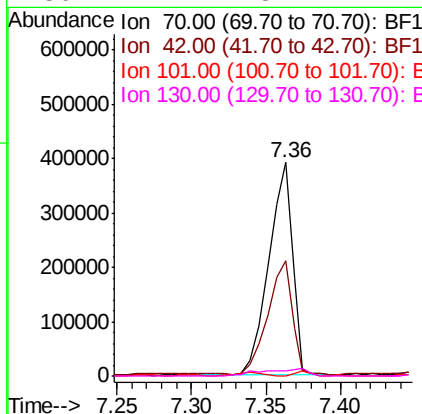
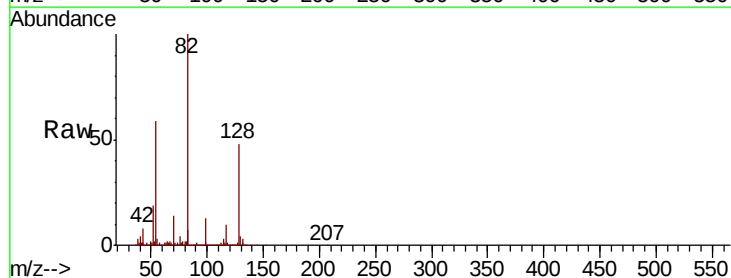
Instrument :
BNA_F
ClientSampleId :

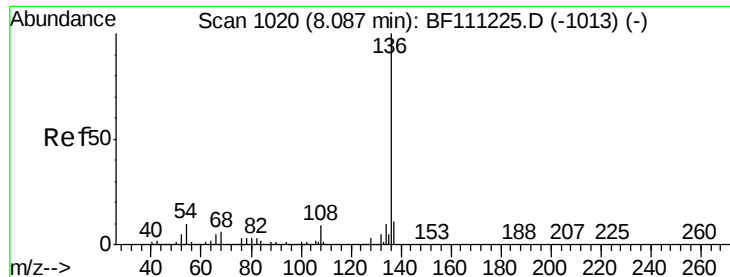
Tot Ion:117 Resp: 558830
Ion Ratio Lower Upper
117 100
119 252.1 75.4 113.0#
201 0.0 62.4 93.6#



#19
n-Nitroso-di-n-propylamine
Concen: 14.339 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion: 70 Resp: 433446
Ion Ratio Lower Upper
70 100
42 53.9 53.2 79.8
101 0.3 8.2 12.4#
130 2.4 18.1 27.1#

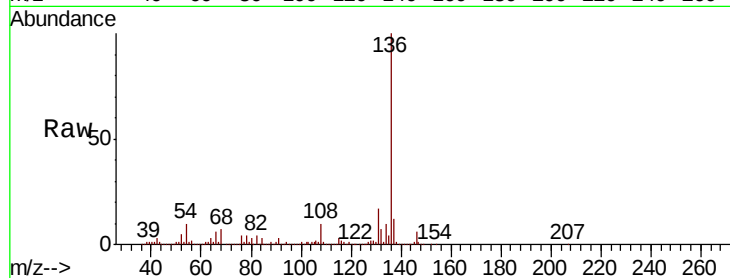




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 2207181
Ion Ratio	Lower Upper
136 100	
137 11.7	9.1 13.7
54 10.3	7.7 11.5
68 6.6	4.9 7.3



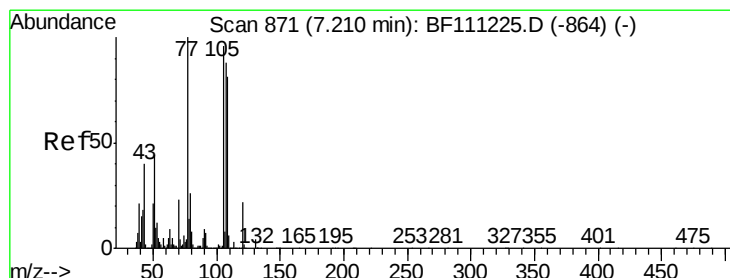
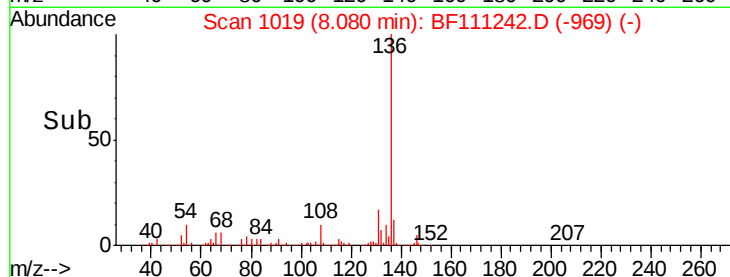
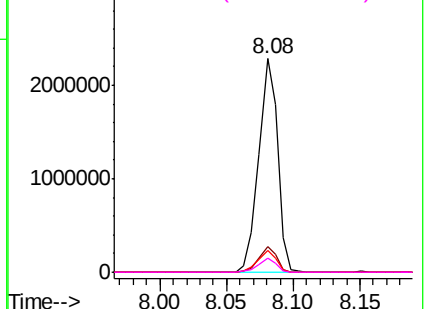
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

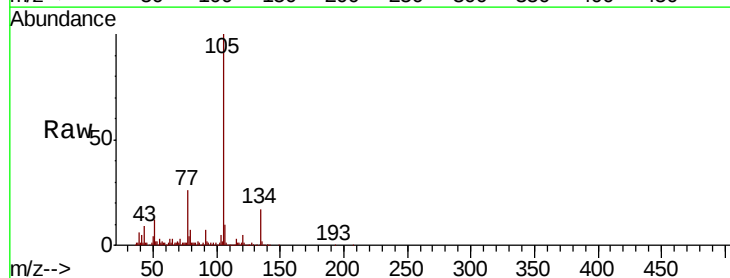
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 10.044 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt	Ion:105	Resp:	507266
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.1	4.7#
51	11.6	36.6	54.8#
120	5.4	18.2	27.4#



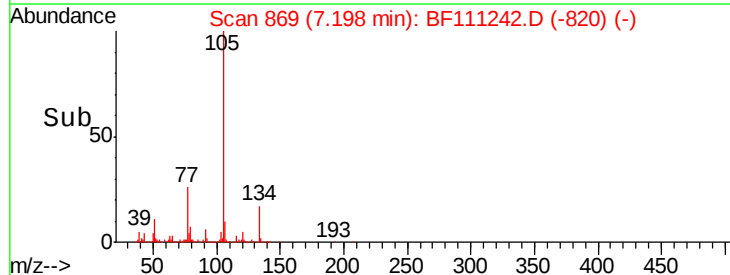
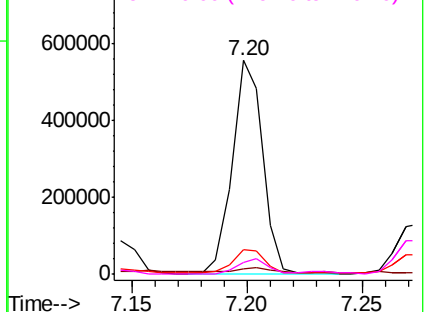
Abundance

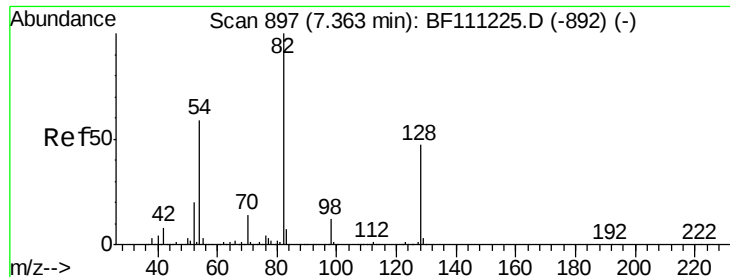
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



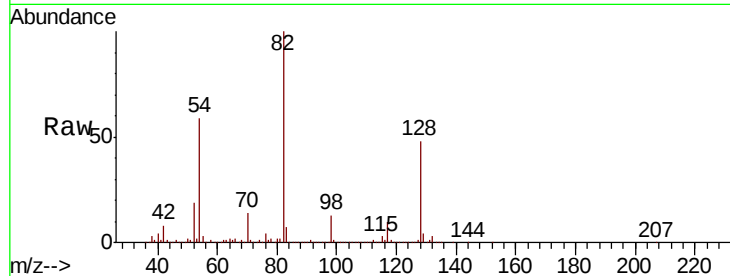


#23
 Nitrobenzene-d5
 Concen: 80.253 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

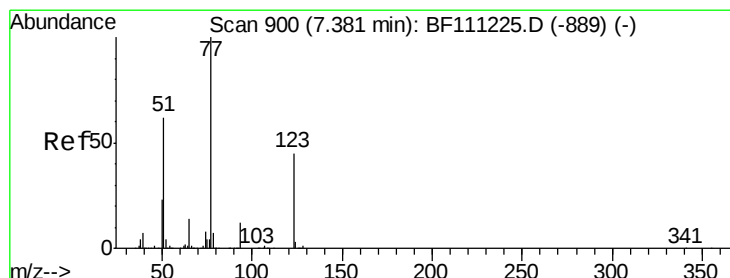
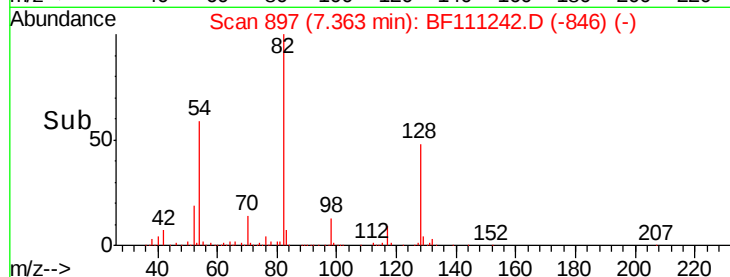
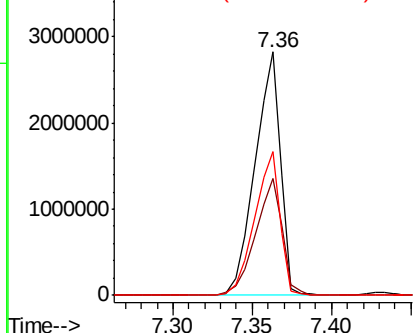
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 3158094

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.2
54	59.1	47.6	71.4



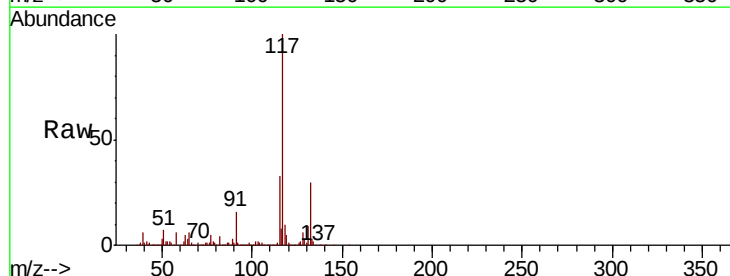
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



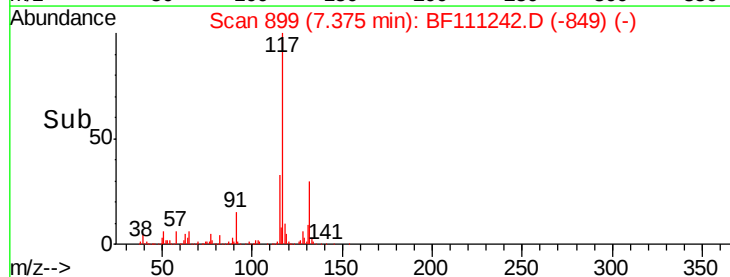
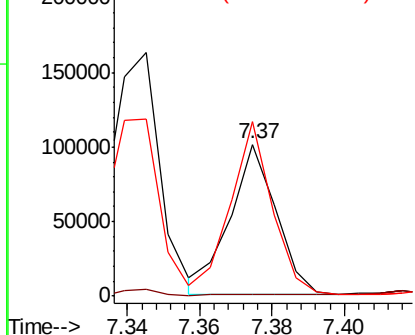
#24
 Nitrobenzene
 Concen: 2.177 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

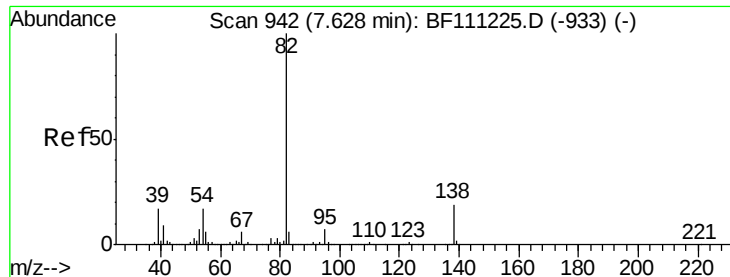
Tgt Ion: 77 Resp: 89172

Ion	Ratio	Lower	Upper
77	100		
123	1.2	37.2	55.8#
65	114.9	11.5	17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

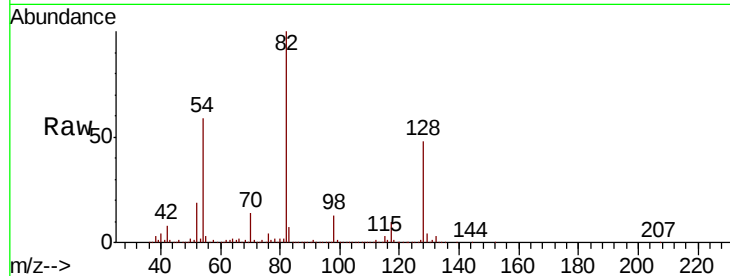




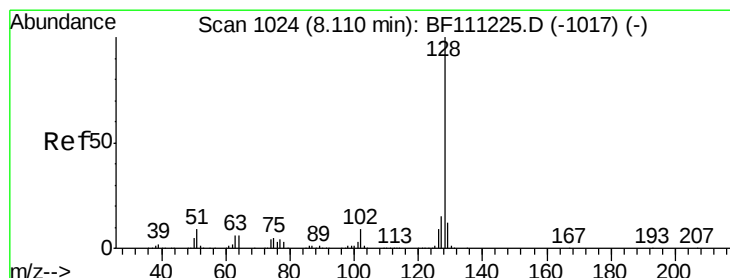
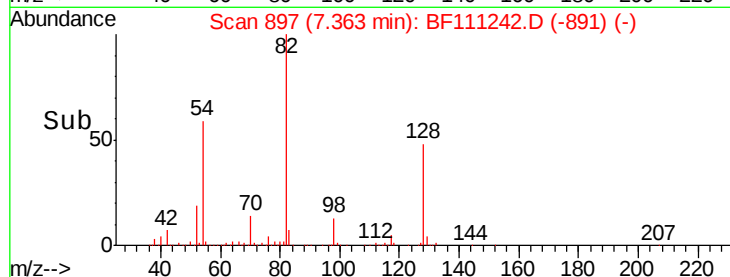
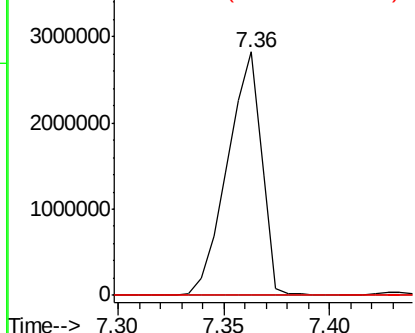
#25
Isophorone
Concen: 46.581 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3122048
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

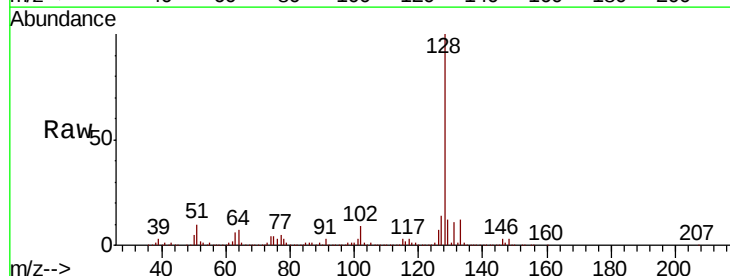


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

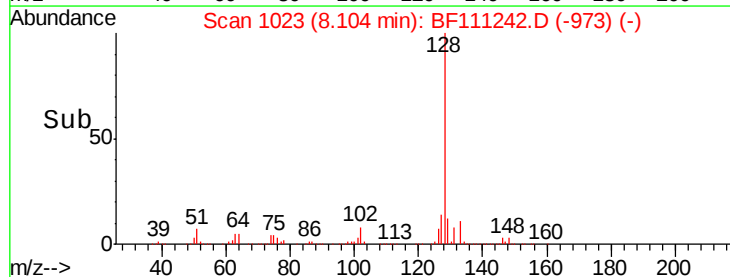
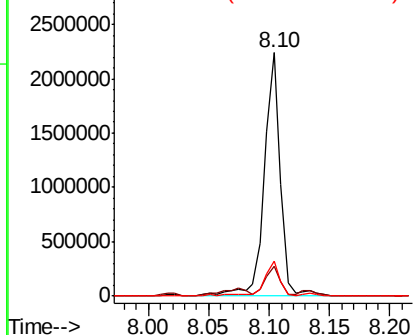


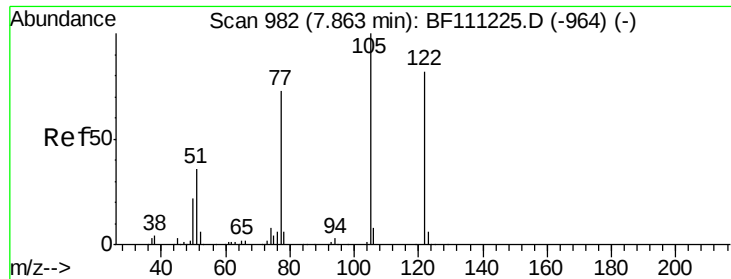
#31
Naphthalene
Concen: 21.455 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion:128 Resp: 2066748
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.8
127 14.2 12.0 18.0



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

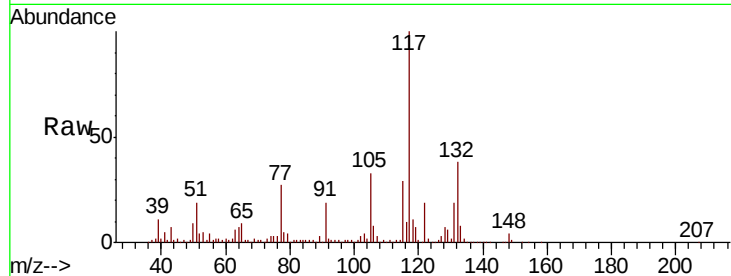




#32
Benzoic acid
Concen: 5.007 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	168.9	97.0	137.0#
77	136.2	65.7	105.7#

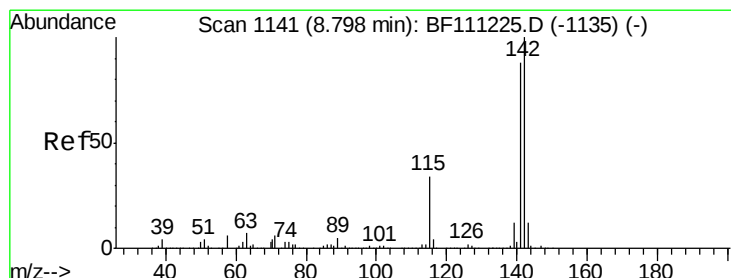
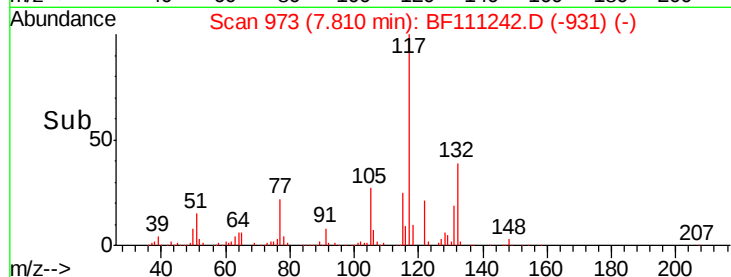
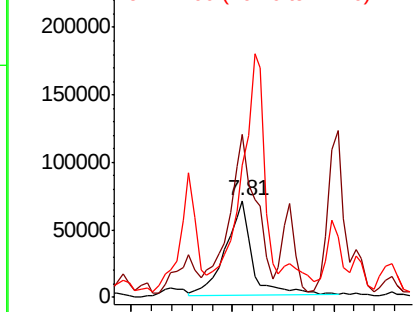


Abundance

Ion 122.00 (121.70 to 122.70): E

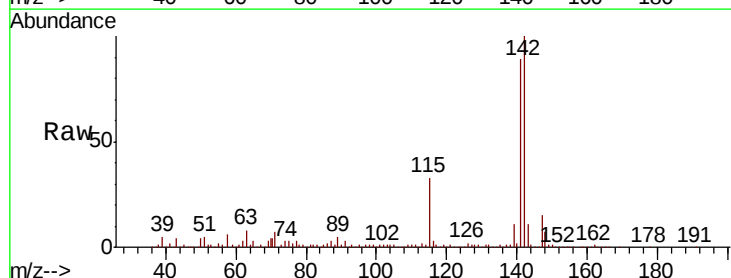
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37
2-Methylnaphthalene
Concen: 9.464 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	105.8
115	33.0	27.0	40.6

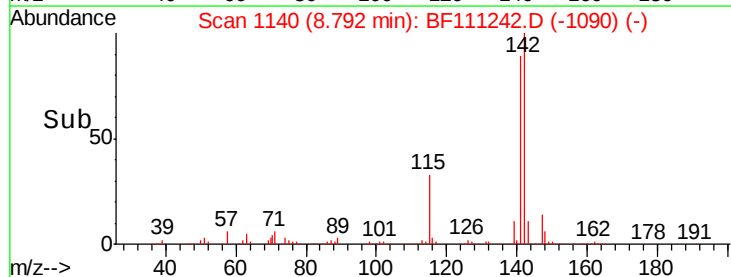
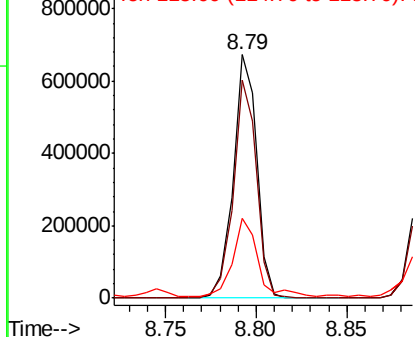


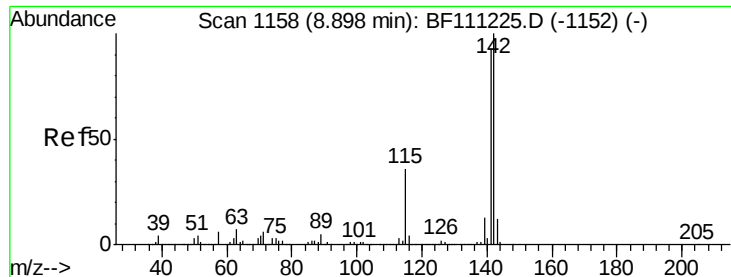
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

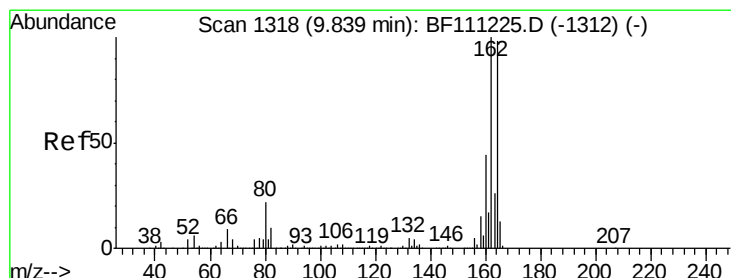
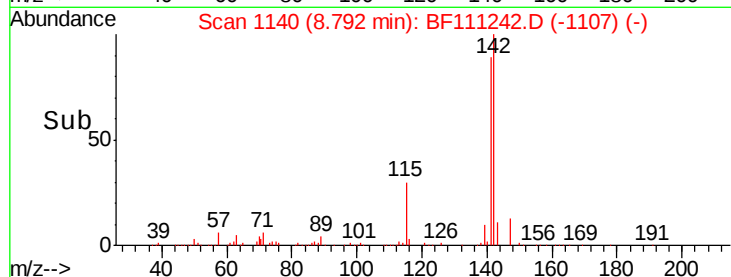
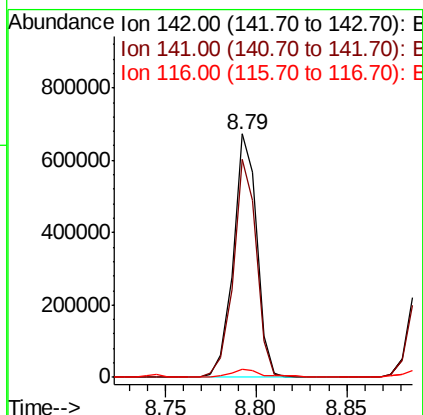
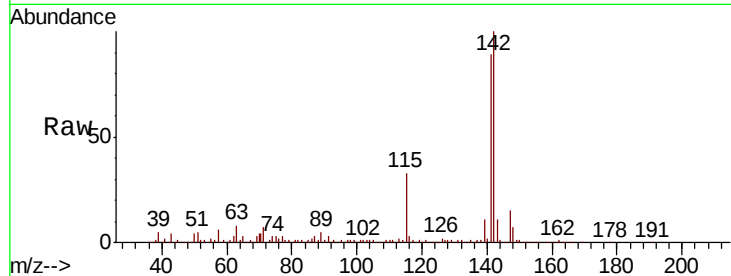




#38
 1-Methylnaphthalene
 Concen: 9.664 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.11 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

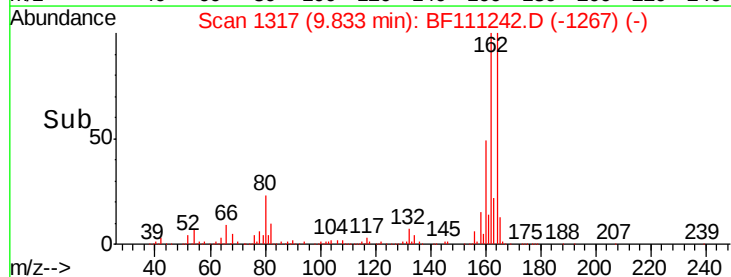
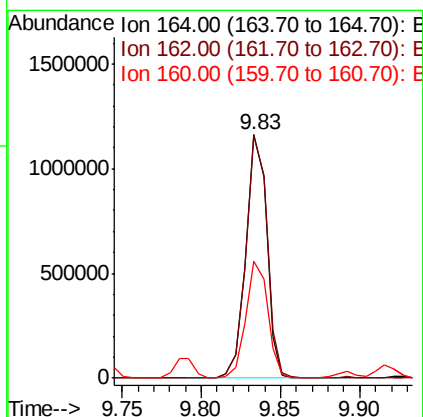
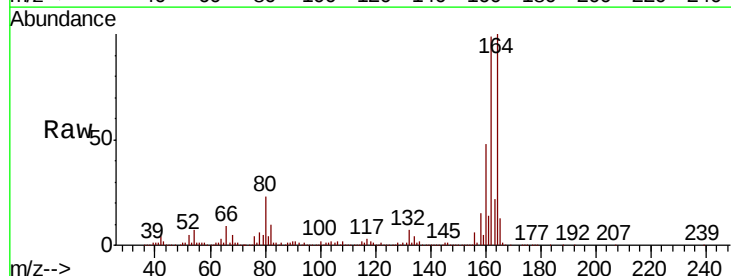
Instrument :
 BNA_F
 ClientSampleId :

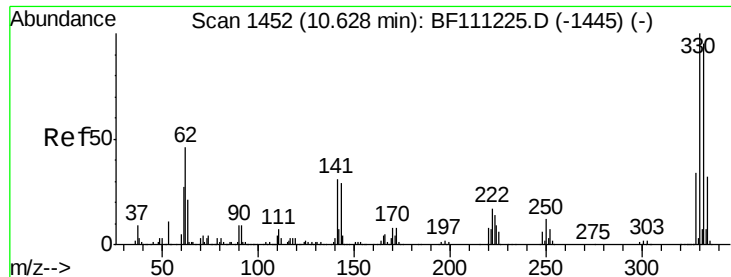
Tot Ion:142 Resp: 605294
 Ion Ratio Lower Upper
 142 100
 141 89.4 74.2 111.4
 116 3.4 2.9 4.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

Tgt Ion:164 Resp: 1059626
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.4 122.0
 160 48.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 114.835 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

Instrument :

BNA_F

ClientSampled :

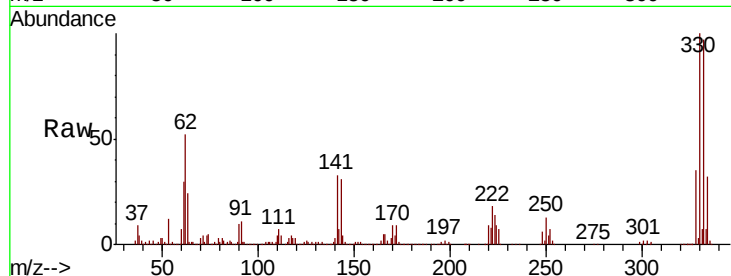
Tot Ion:330 Resp: 1077876

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

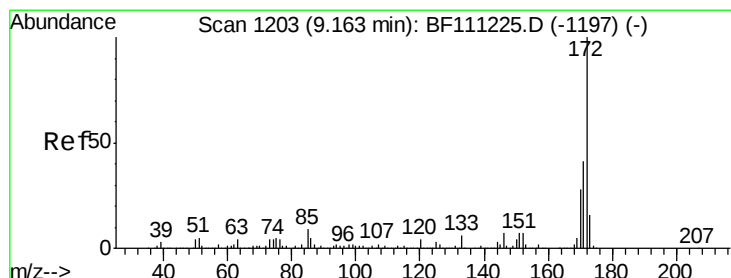
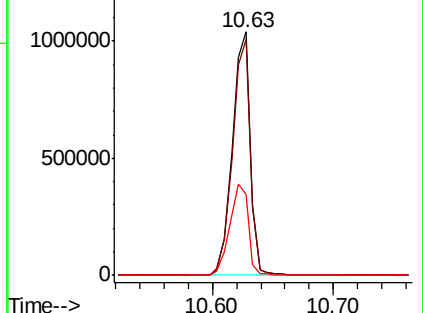
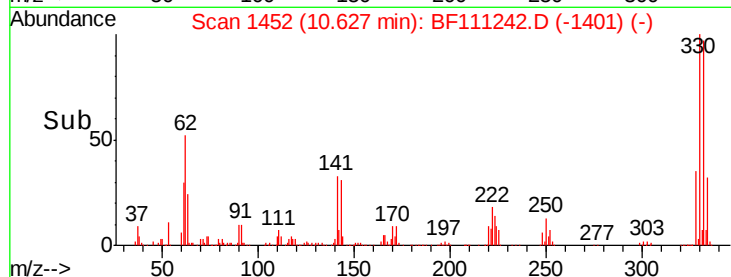
141 38.6 31.0 46.6



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: 77.724 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

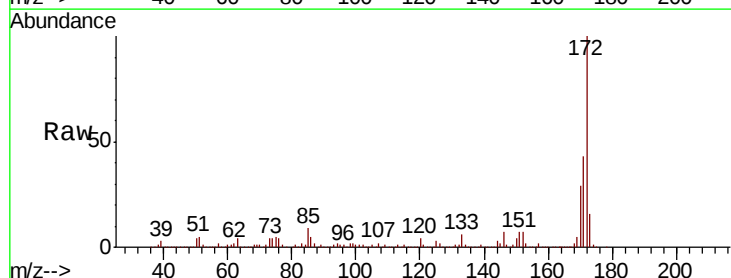
Tgt Ion:172 Resp: 4862988

Ion Ratio Lower Upper

172 100

171 42.7 33.0 49.4

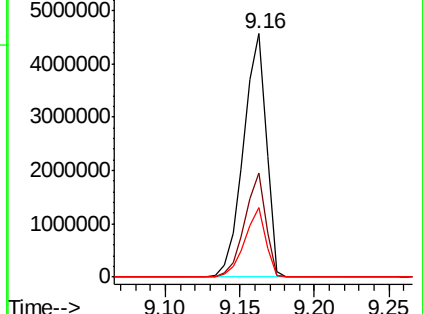
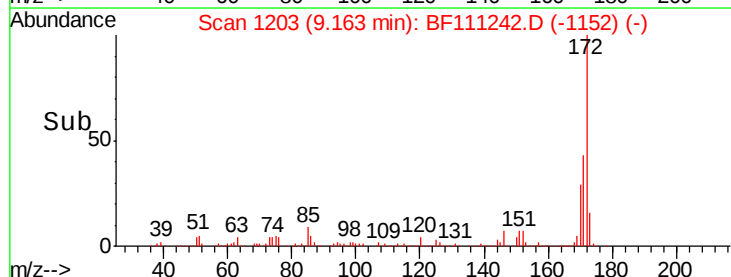
170 28.8 22.3 33.5

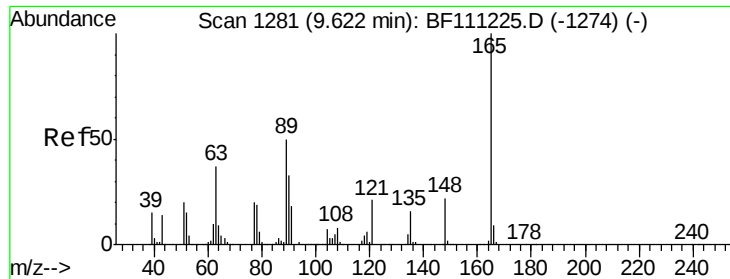


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.805 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF111242.D

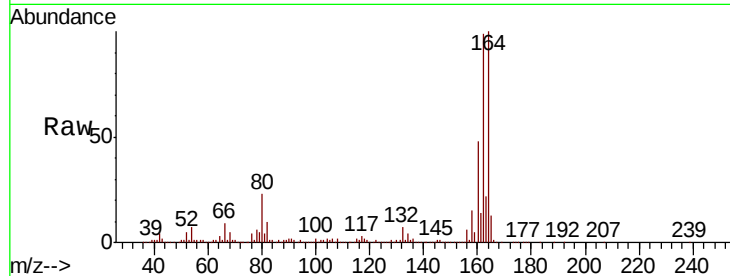
Acq: 10 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

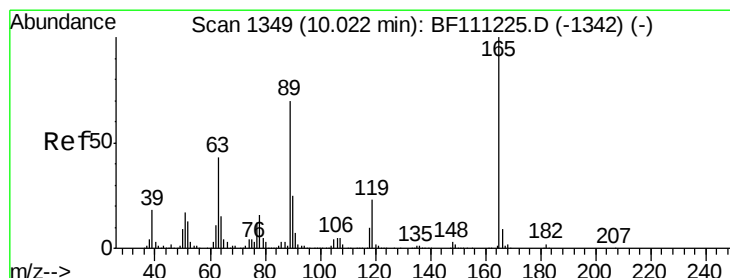
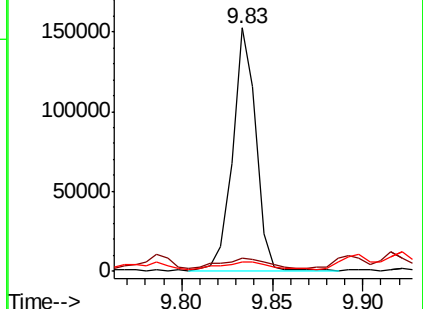
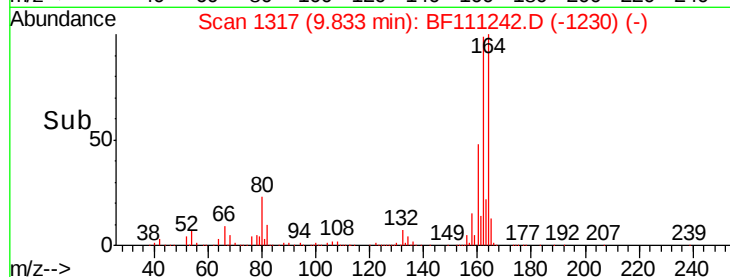
Tot Ion:	165	Resp:	134758
Ion Ratio	Lower	Upper	
165	100		
63	5.4	40.5	60.7#
89	4.0	40.0	60.0#



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: 6.331 ng

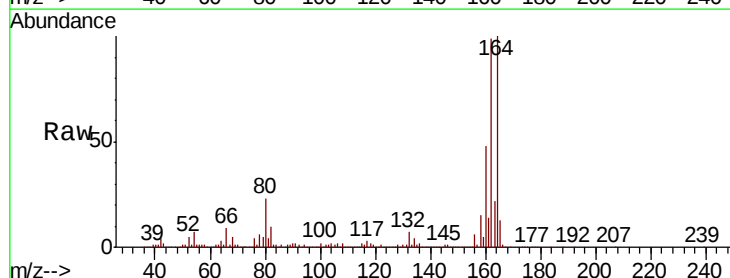
RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

Tgt Ion:	165	Resp:	134758
Ion Ratio	Lower	Upper	
165	100		
63	5.4	34.6	52.0#
89	4.0	56.2	84.4#
182	0.0	1.8	2.6#

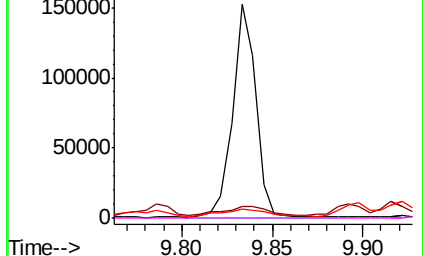
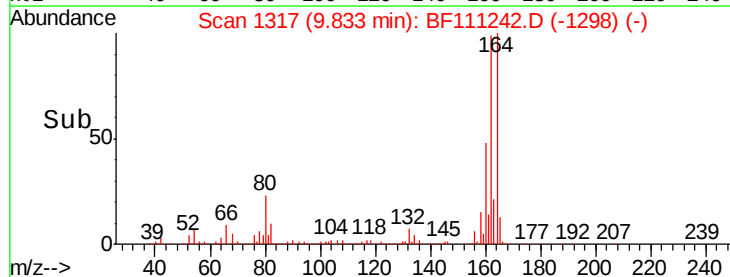


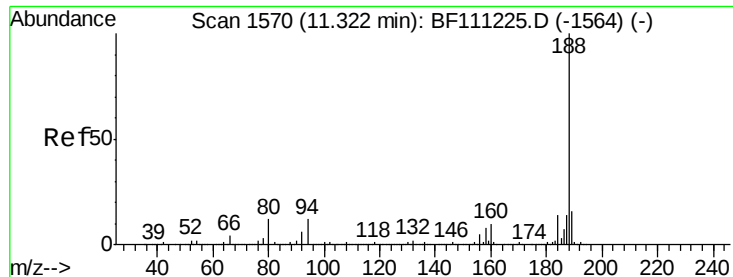
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111242.D

Acq: 10 Dec 2018 15:07

Instrument :

BNA_F

ClientSampled :

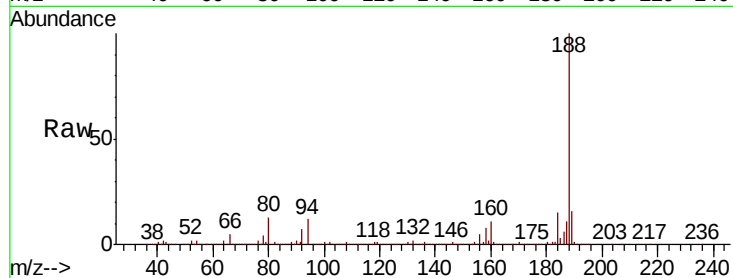
Tot Ion:188 Resp: 1761607

Ion Ratio Lower Upper

188 100

94 12.4 9.6 14.4

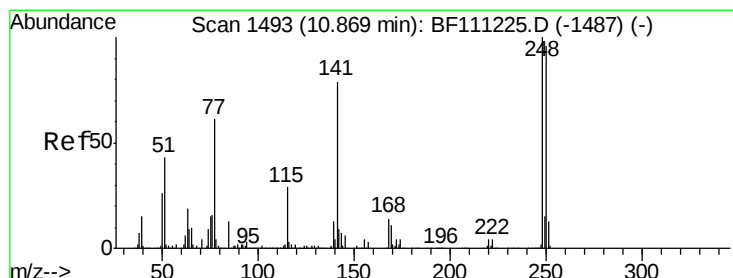
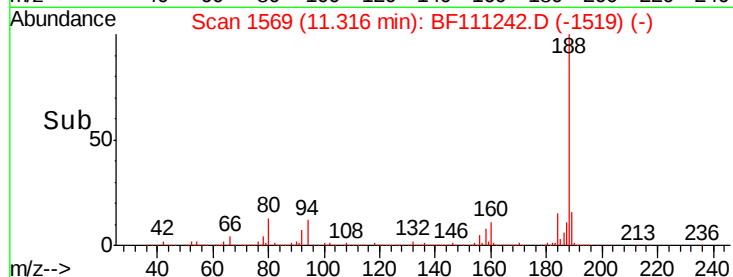
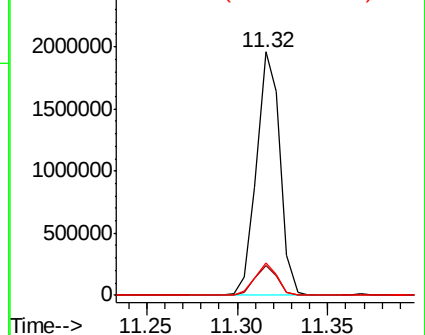
80 13.2 9.8 14.6



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: 3.723 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

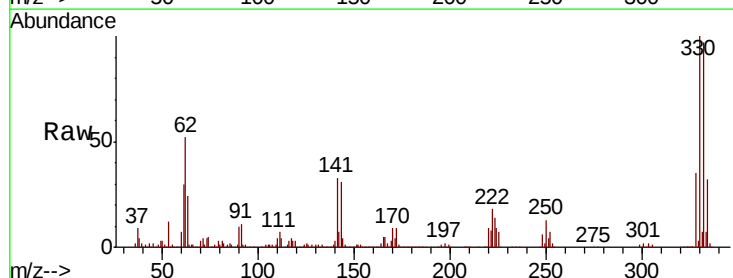
Tgt Ion:248 Resp: 71839

Ion Ratio Lower Upper

248 100

250 201.3 77.0 115.4#

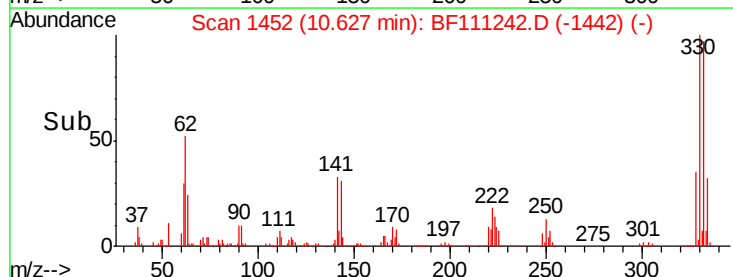
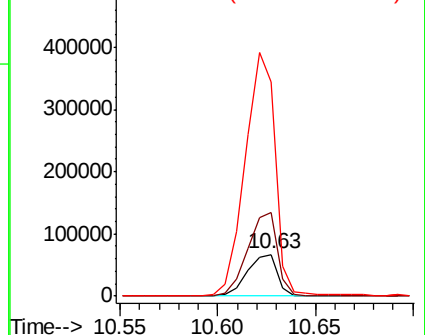
141 514.8 63.0 94.6#

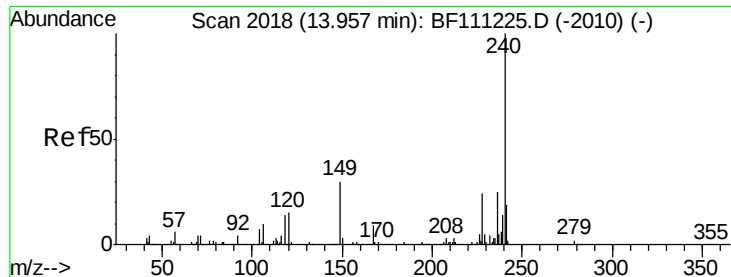


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

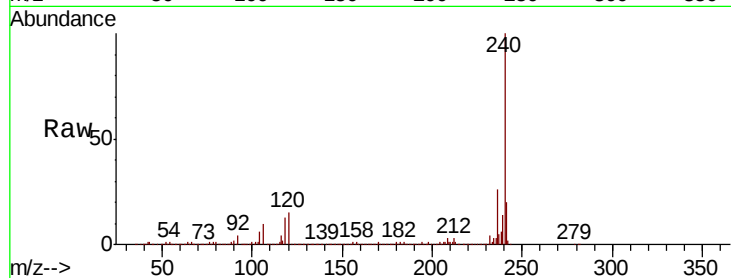




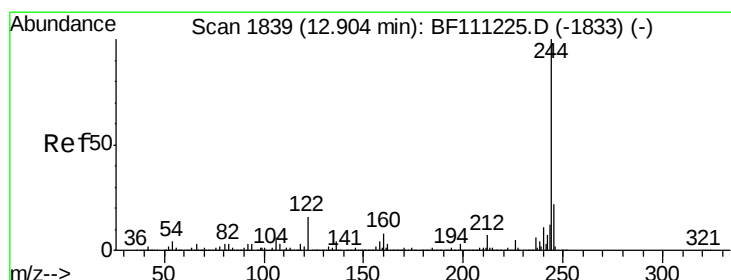
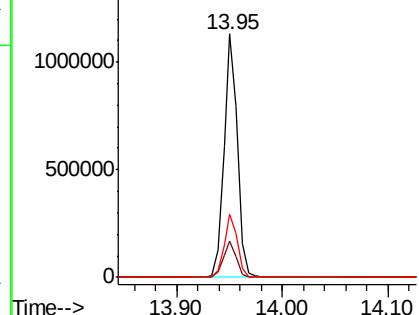
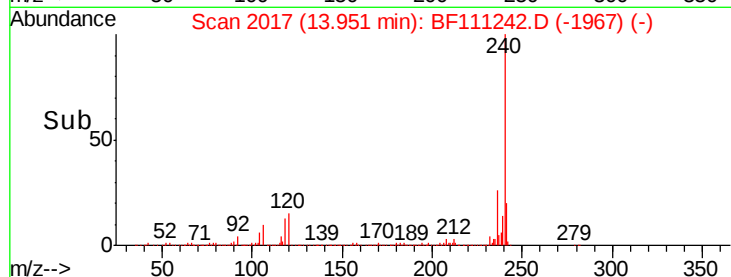
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1013304
 Ion Ratio Lower Upper
 240 100
 120 14.8 12.2 18.2
 236 25.8 20.2 30.2

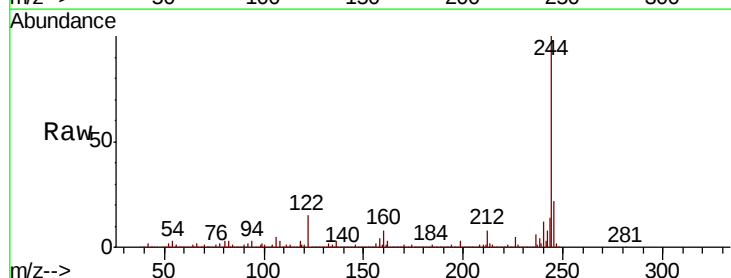


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

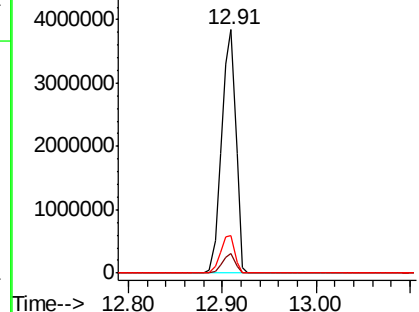
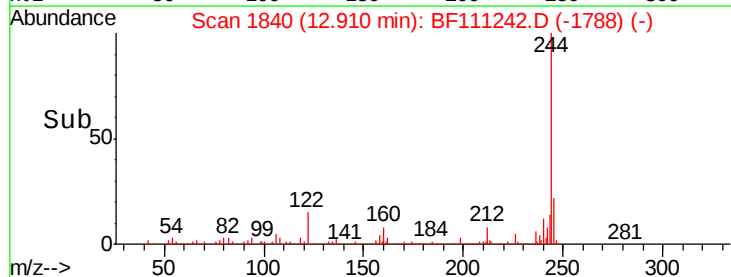


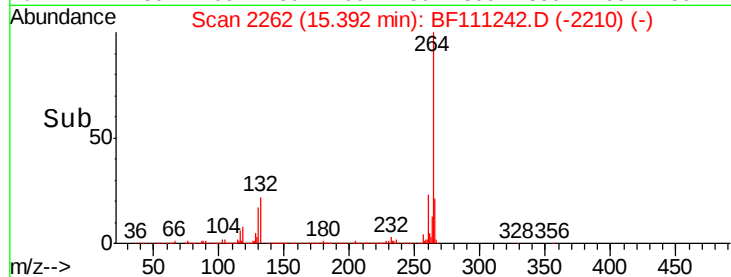
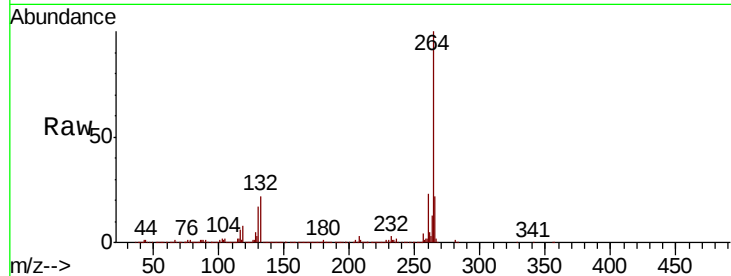
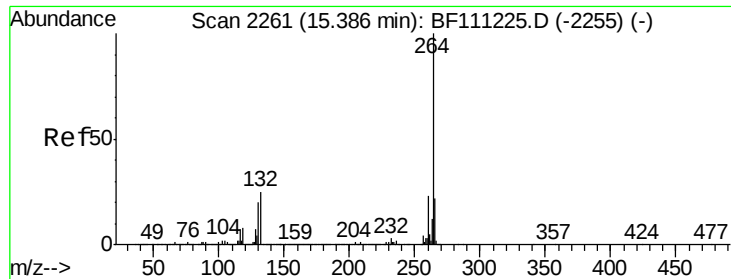
#79
 Terphenyl-d14
 Concen: 97.495 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

Tgt Ion:244 Resp: 4118654
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 15.5 13.1 19.7



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.5	17.7	26.5

