

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113384.D
 Acq On : 28 Mar 2019 20:03
 Operator : JU/SJ
 Sample : K2121-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 29 02:13:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

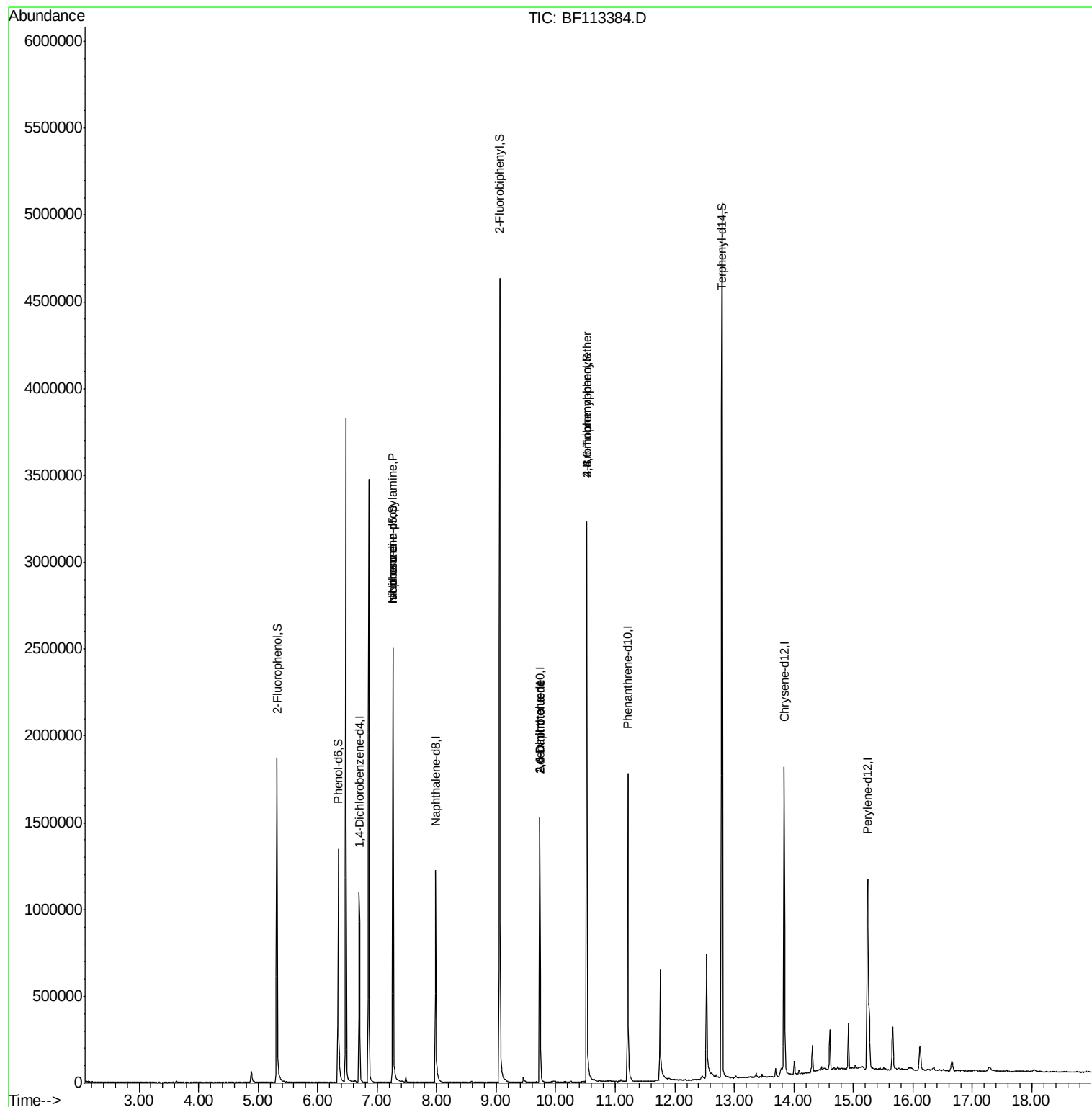
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	175012	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	670771	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	342393	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	739560	20.00	ng	0.00
76) Chrysene-d12	13.84	240	713024	20.00	ng	0.00
87) Perylene-d12	15.24	264	582163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	633413	59.18	ng	0.00
7) Phenol-d6	6.35	99	543451	40.14	ng	-0.01
23) Nitrobenzene-d5	7.26	82	969612	85.80	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	515946	121.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1753600	79.04	ng	0.00
79) Terphenyl-d14	12.79	244	2228209	68.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	122899	14.450	ng	# 76
25) Isophorone	7.26	82	969606	44.272	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	42322	7.393	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	42322	5.814	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	29451	3.654	ng	# 1

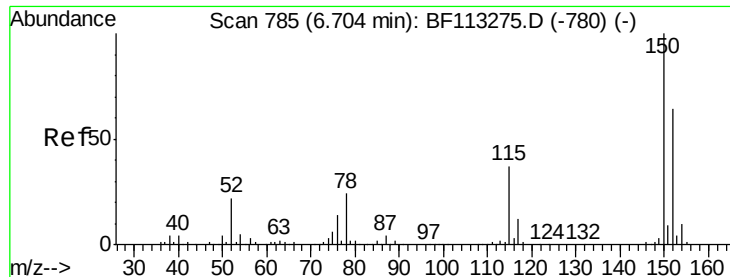
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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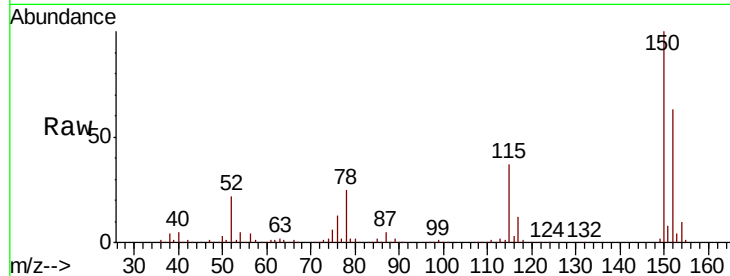


#1

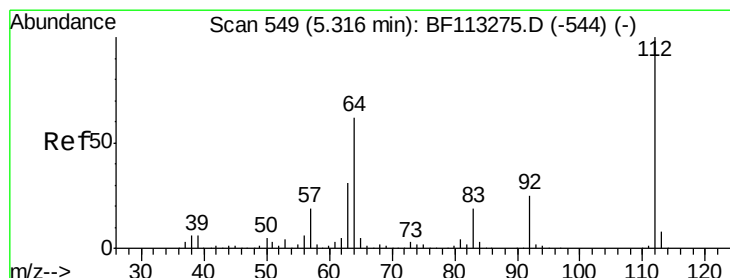
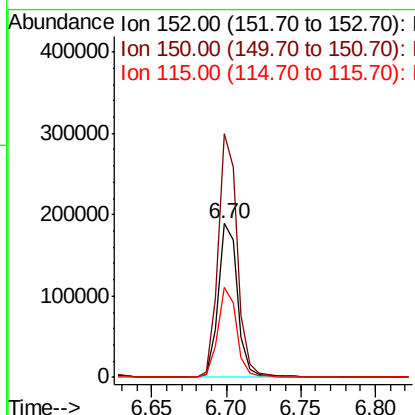
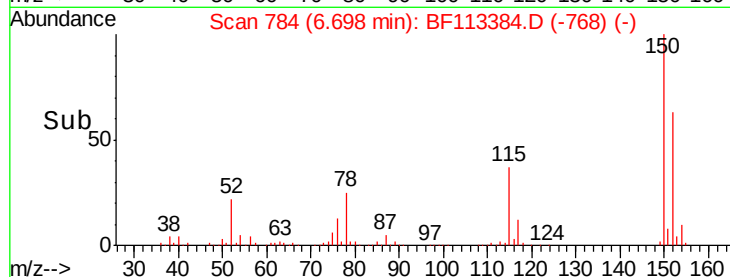
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 175012
Ion Ratio Lower Upper
152 100
150 158.3 124.7 187.1
115 58.4 46.0 69.0



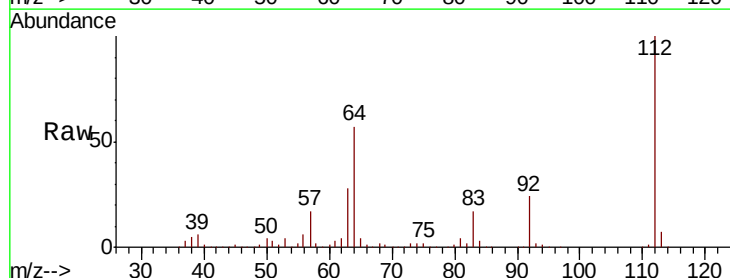
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



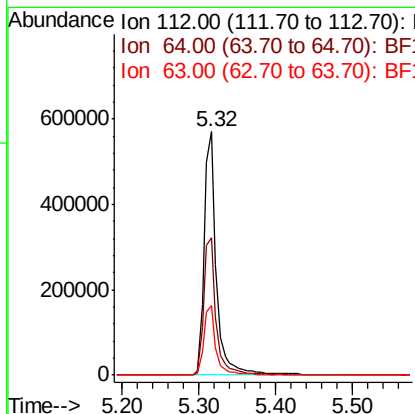
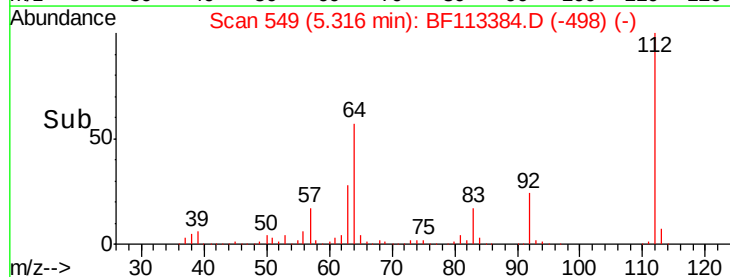
#5

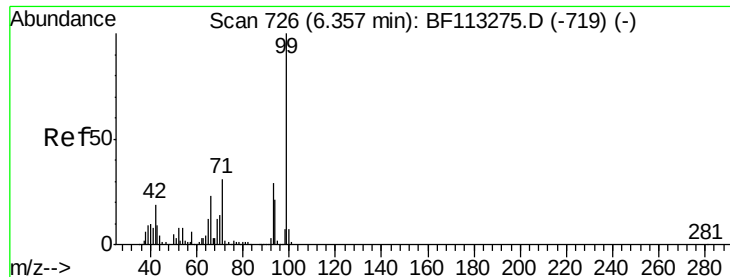
2-Fluorophenol
Concen: 59.179 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Tgt Ion:112 Resp: 633413
Ion Ratio Lower Upper
112 100
64 56.6 49.2 73.8
63 28.3 24.9 37.3



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: 40.136 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

Instrument :

BNA_F

ClientSampleId :

MW-9

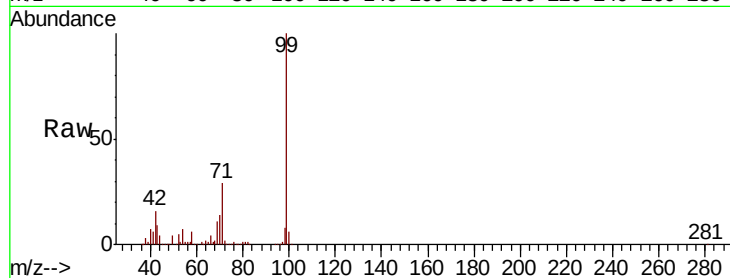
Tgt Ion: 99 Resp: 543451

Ion Ratio Lower Upper

99 100

42 16.2 14.8 22.2

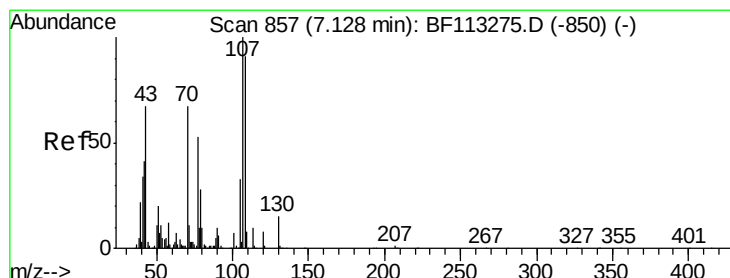
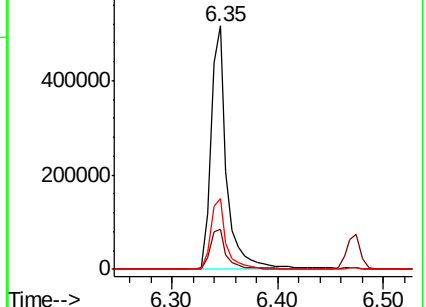
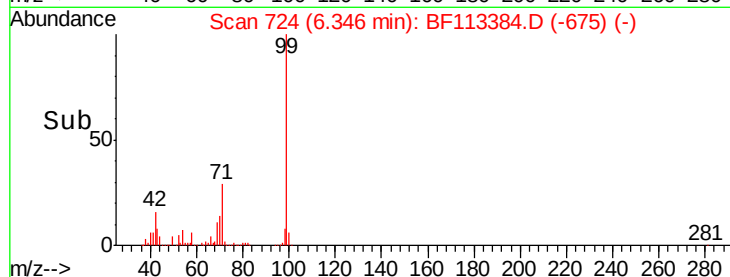
71 29.2 24.9 37.3



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: 14.450 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

Tgt Ion: 70 Resp: 122899

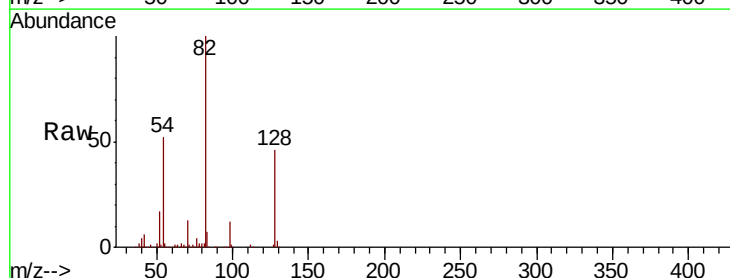
Ion Ratio Lower Upper

70 100

42 48.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.0 18.2 27.4#

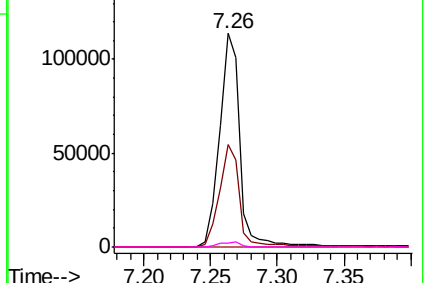
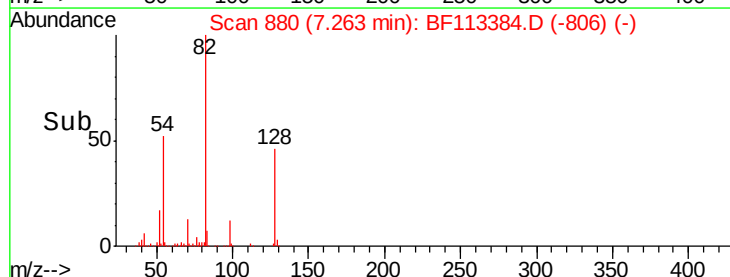


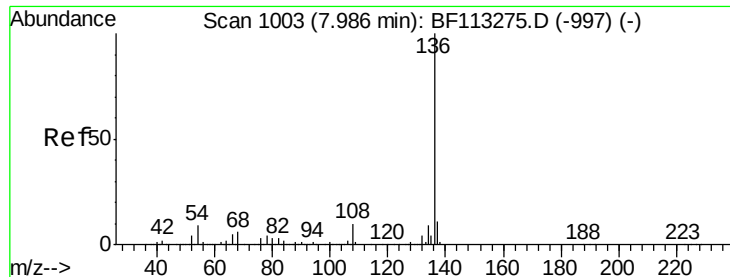
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

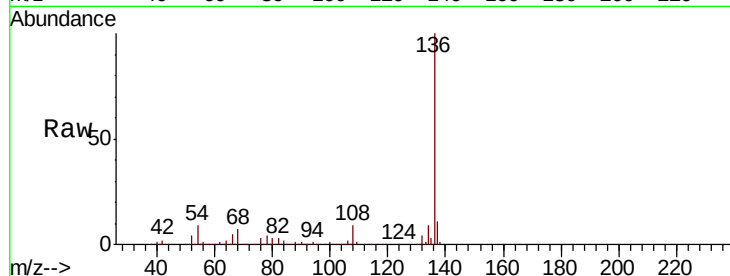




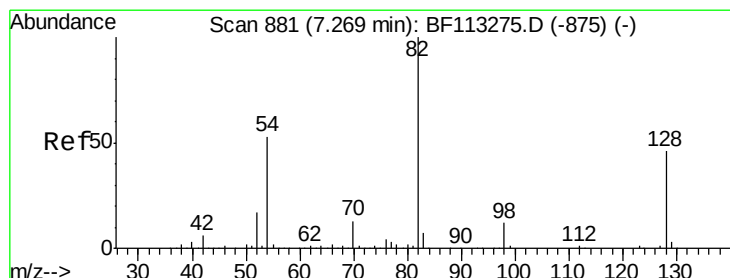
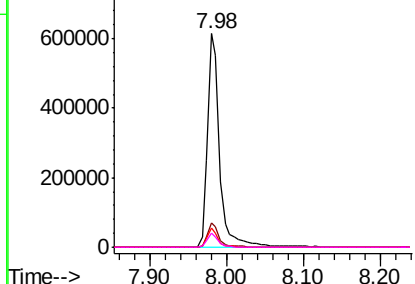
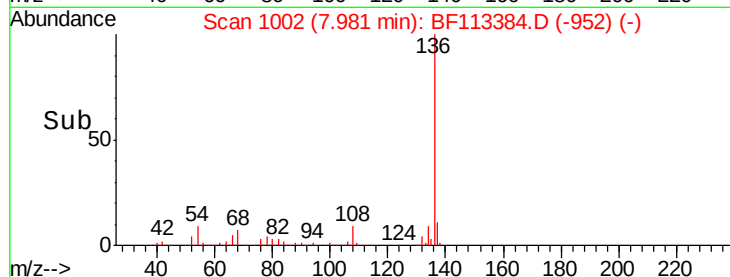
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:	136	Resp:	670771
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2

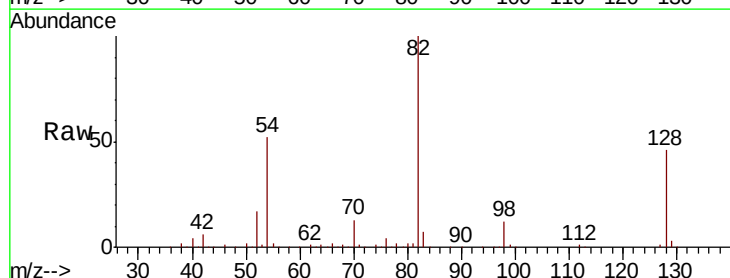


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

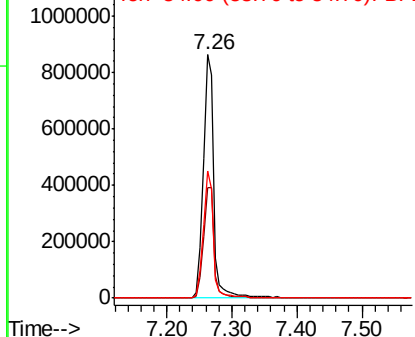
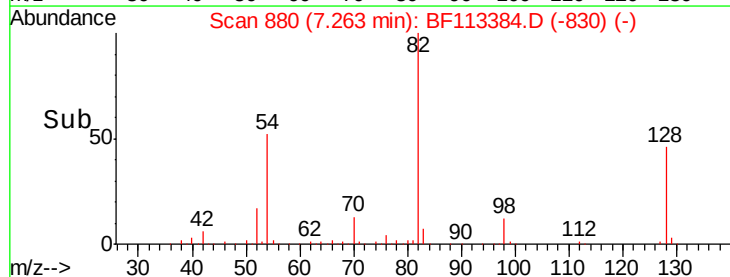


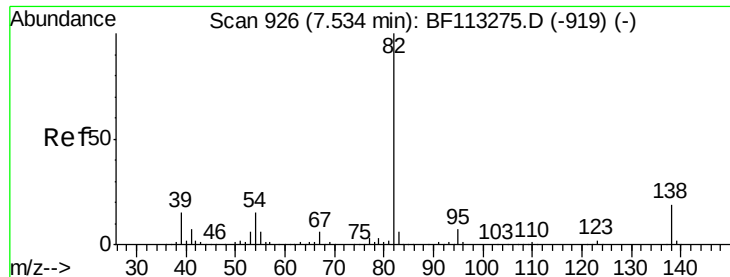
#23
Nitrobenzene-d5
Concen: 85.797 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Tgt Ion:	82	Resp:	969612
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	52.0	42.2	63.2



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: 44.272 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

Instrument :

BNA_F

ClientSampled :

MW-9

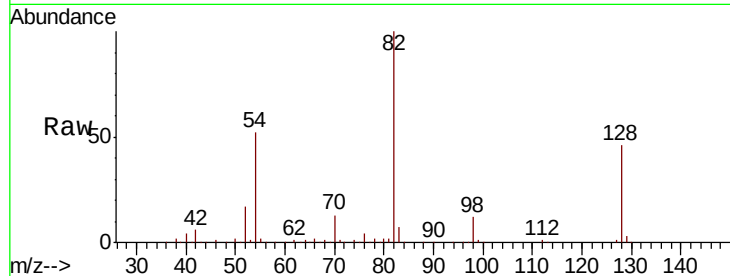
Tgt Ion: 82 Resp: 969606

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

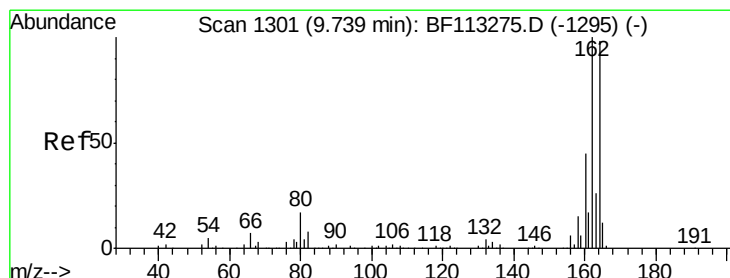
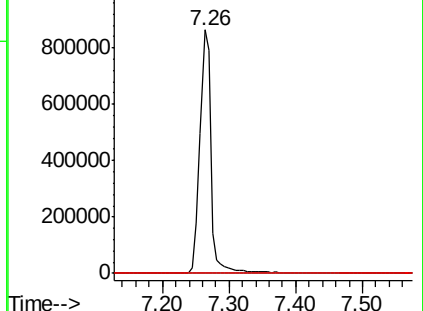
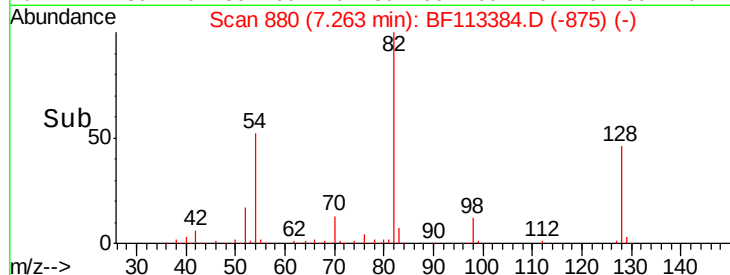
138 0.0 15.2 22.8#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113384.D

Acq: 28 Mar 2019 20:03

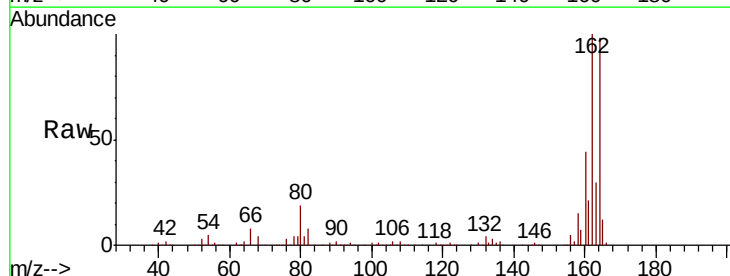
Tgt Ion: 164 Resp: 342393

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

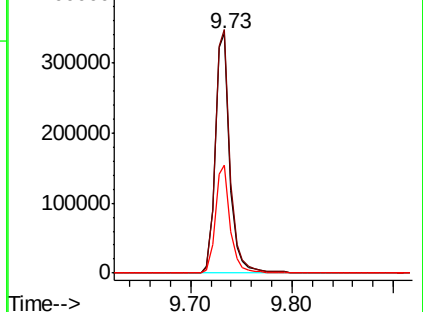
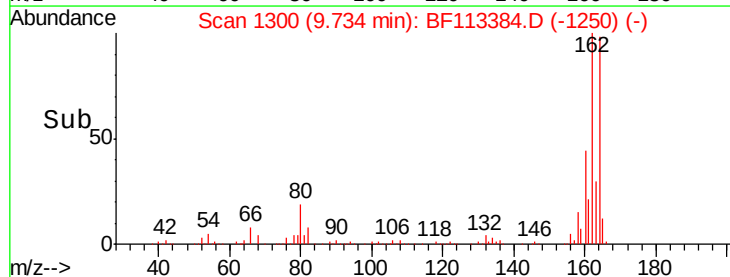
160 45.2 36.4 54.6

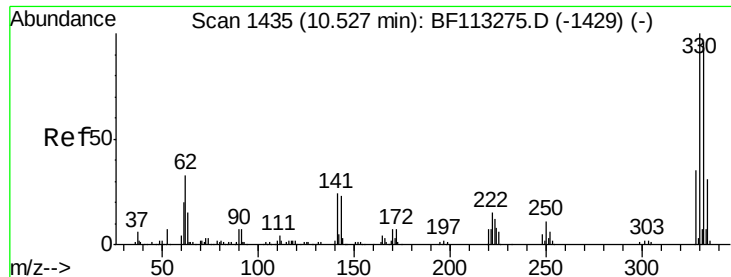


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

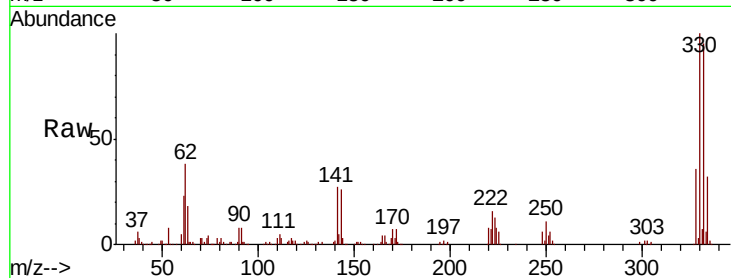




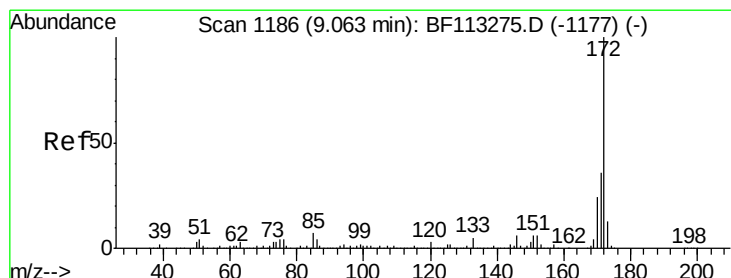
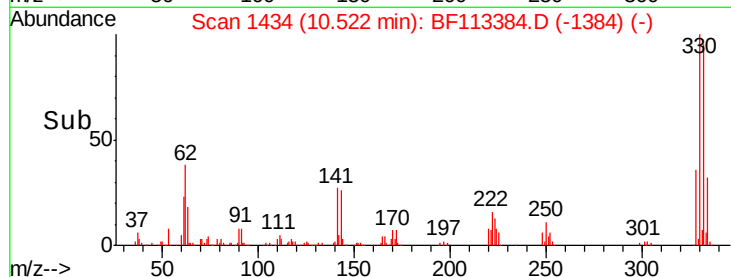
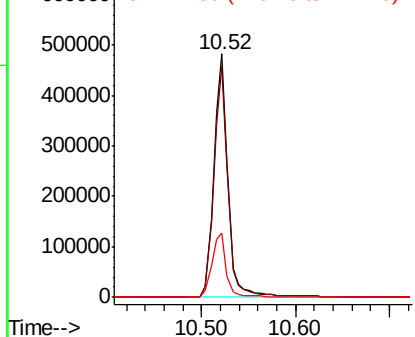
#42
 2,4,6-Tribromophenol
 Concen: 121.992 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:330 Resp: 515946
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 27.5 22.7 34.1

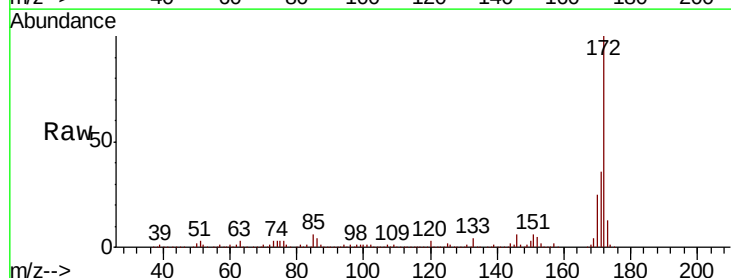


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

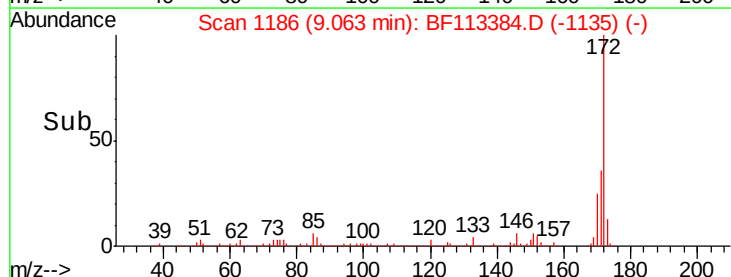
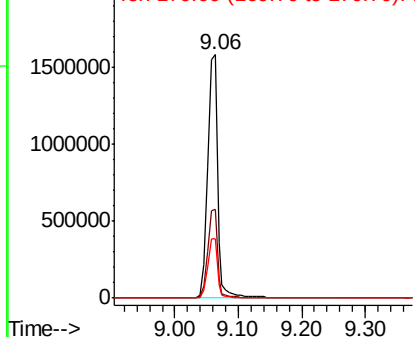


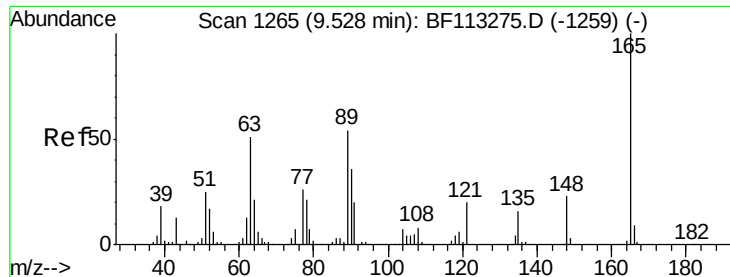
#45
 2-Fluorobiphenyl
 Concen: 79.036 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

Tgt Ion:172 Resp: 1753600
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 19.5 29.3



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

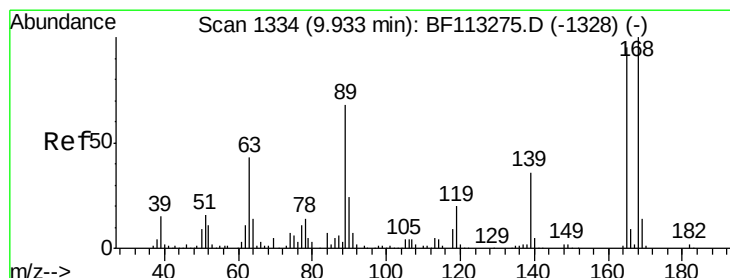
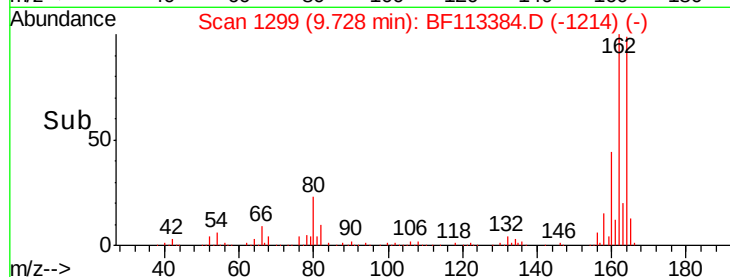
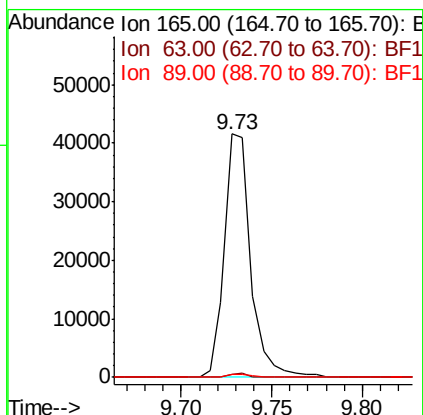
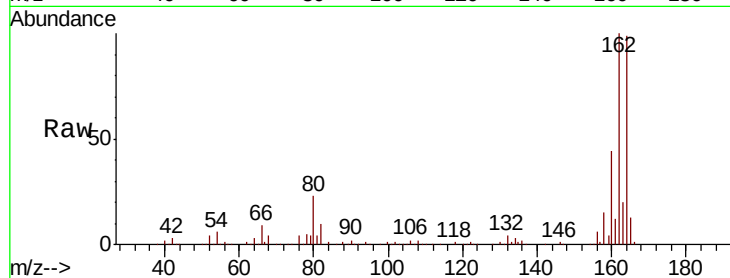




#51
 2,6-Dinitrotoluene
 Concen: 7.393 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.20 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

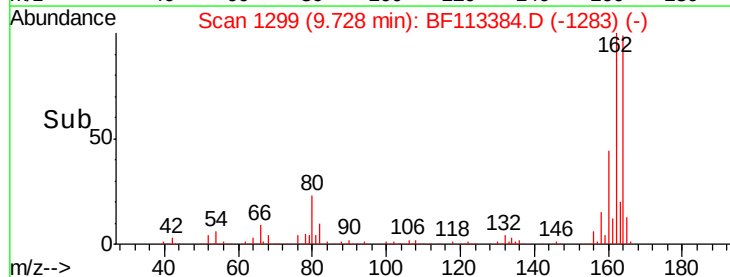
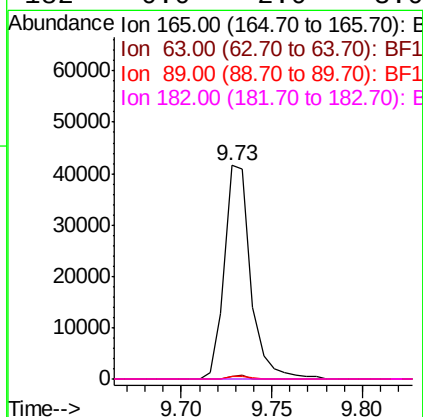
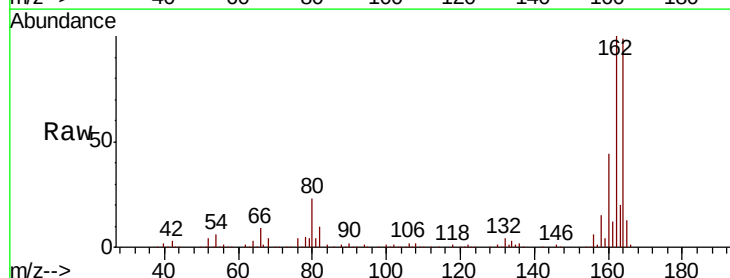
Instrument :
 BNA_F
 ClientSampled :
 MW-9

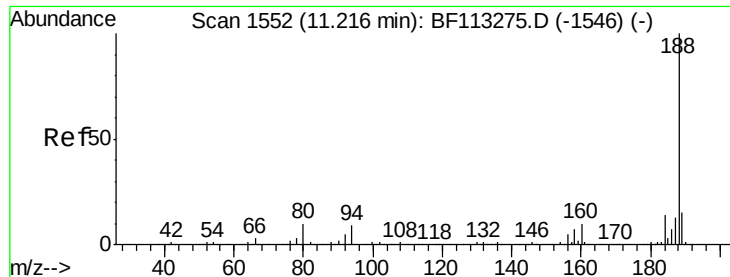
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.1	43.1	64.7#



#57
 2,4-Dinitrotoluene
 Concen: 5.814 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF113384.D
 Acq: 28 Mar 2019 20:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.5	56.3#
89	1.1	57.4	86.2#
182	0.0	2.0	3.0#

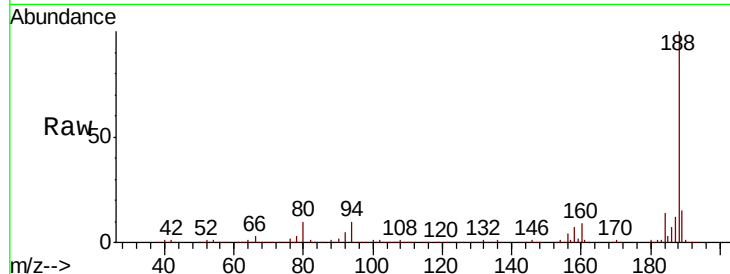




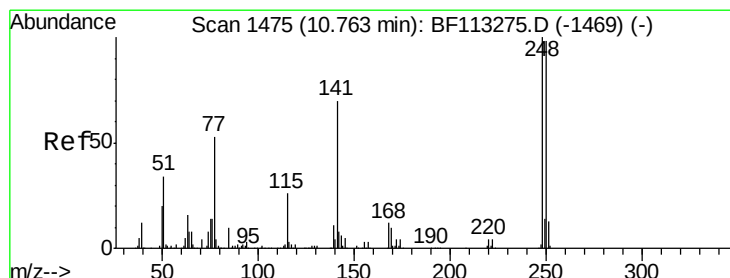
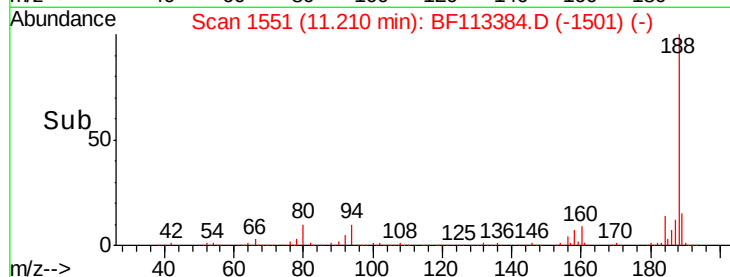
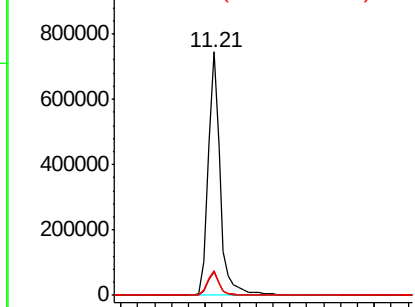
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 739560
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.0 7.7 11.5

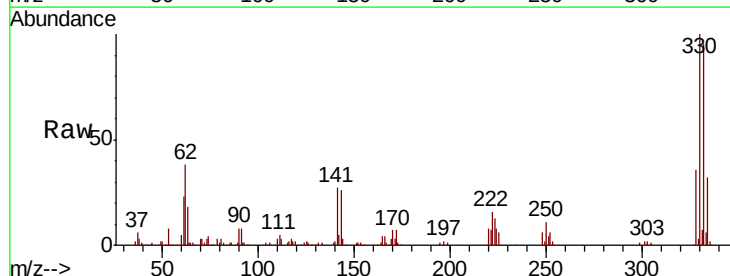


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

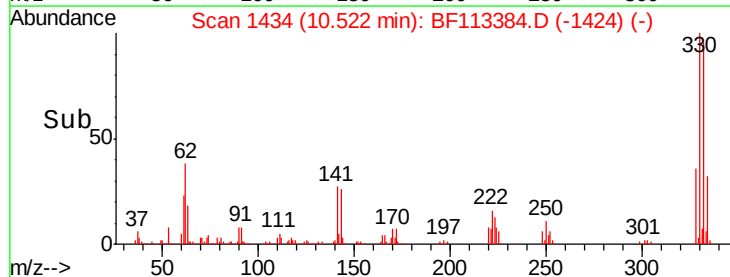
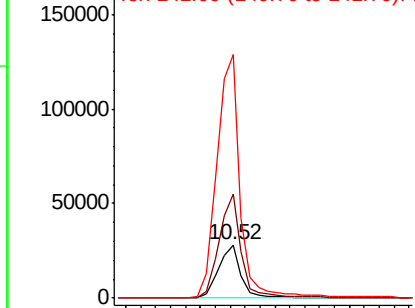


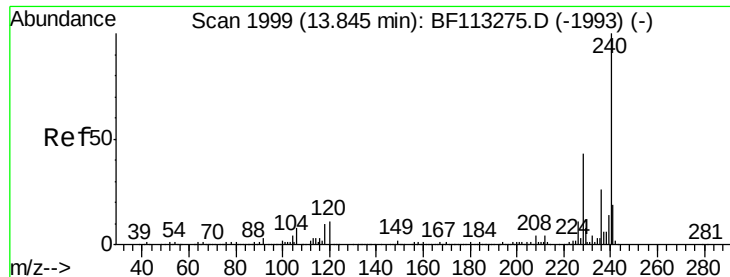
#67
4-Bromophenyl-phenylether
Concen: 3.654 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Tgt Ion:248 Resp: 29451
Ion Ratio Lower Upper
248 100
250 196.9 78.3 117.5#
141 459.0 56.2 84.4#



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

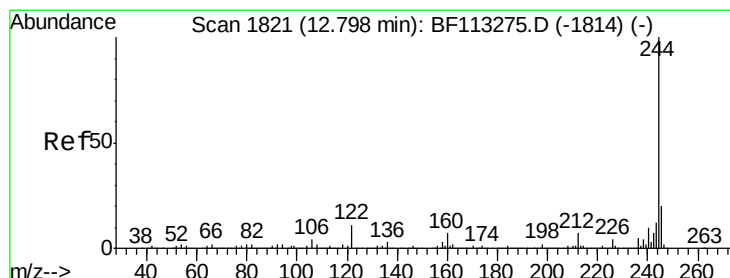
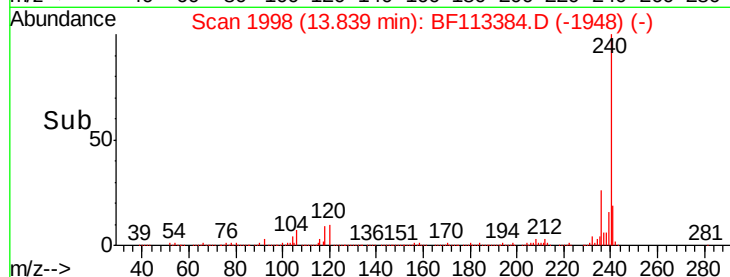
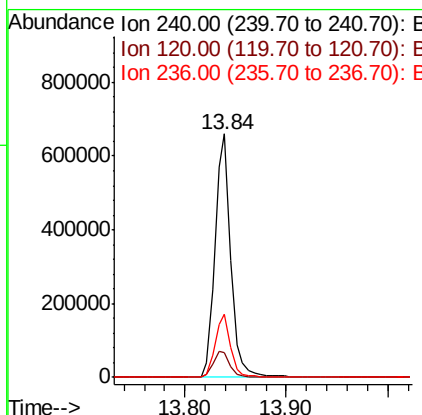
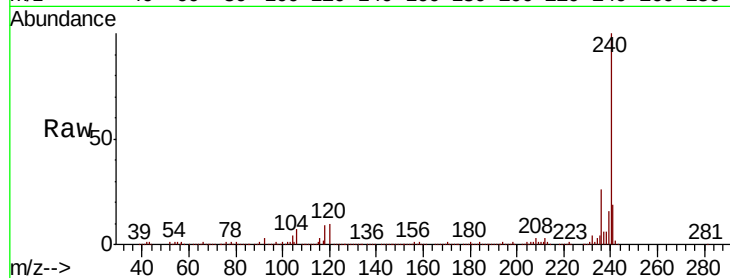




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

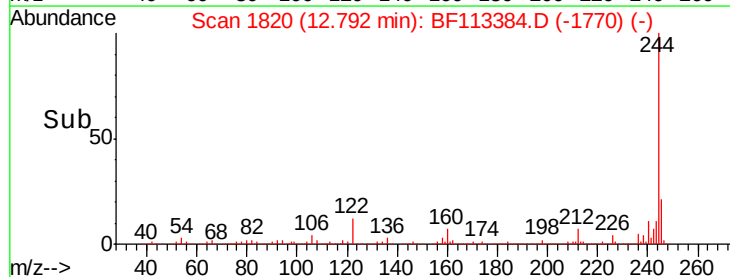
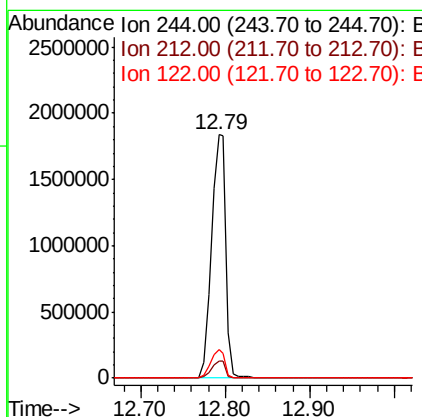
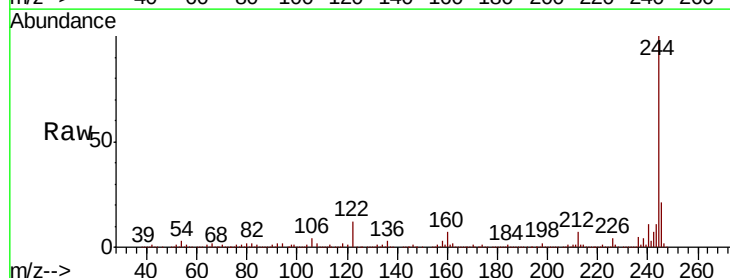
Instrument :
BNA_F
ClientSampleId :
MW-9

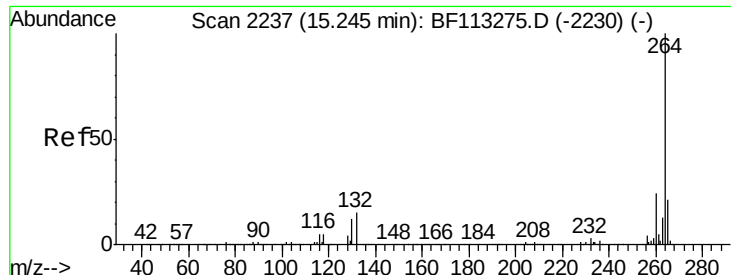
Tgt Ion:240 Resp: 713024
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 68.881 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Tgt Ion:244 Resp: 2228209
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 11.9 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113384.D
Acq: 28 Mar 2019 20:03

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.8	17.1	25.7

