

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113591.D
 Acq On : 4 Apr 2019 19:08
 Operator : JU/SJ
 Sample : K2214-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:32:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

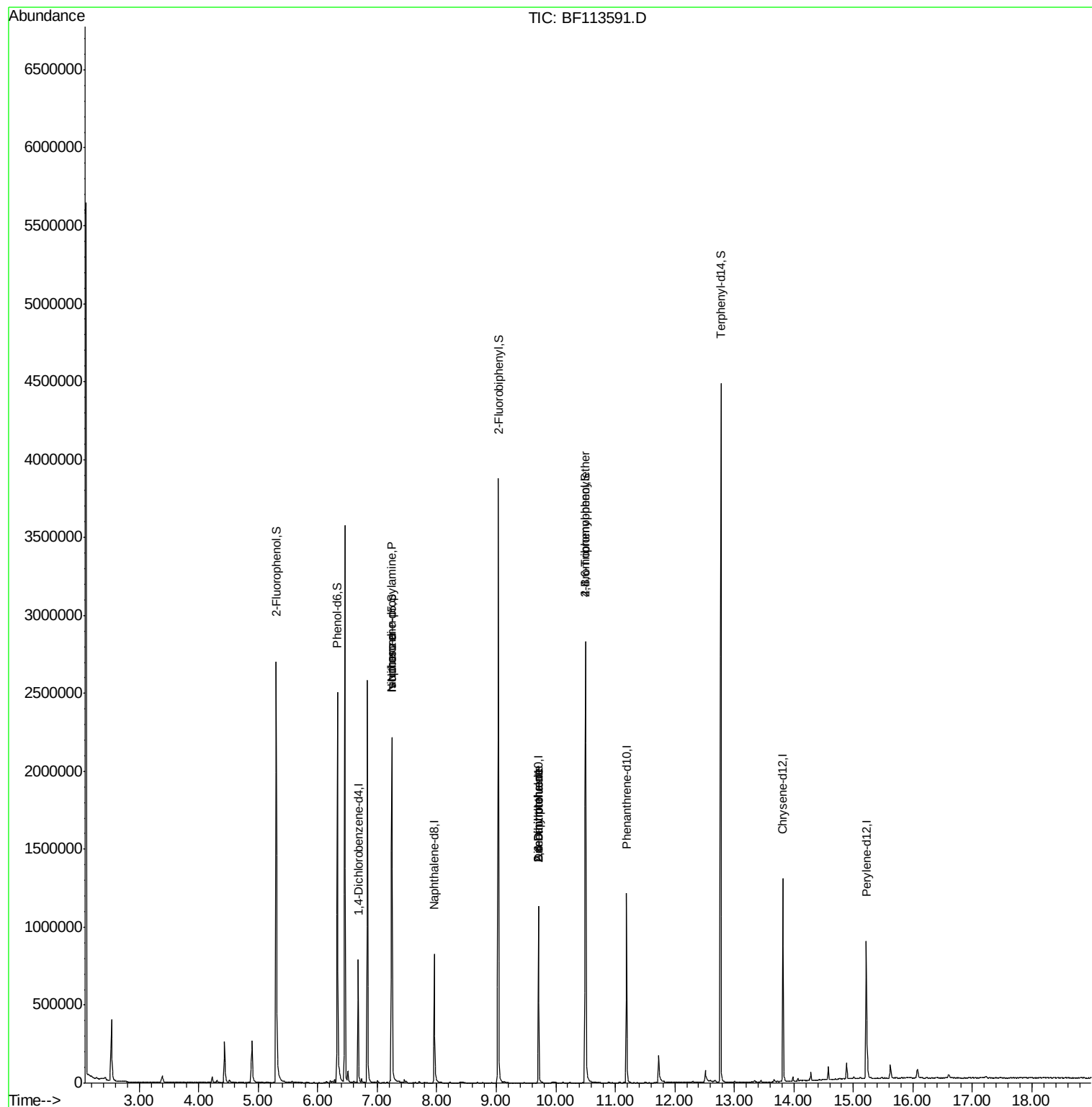
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	121676	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	453388	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	226027	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	489739	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	465205	20.00	ng	-0.03
87) Perylene-d12	15.22	264	414699	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	866539	121.44	ng	0.00
7) Phenol-d6	6.33	99	991861	112.78	ng	0.00
23) Nitrobenzene-d5	7.25	82	786769	101.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	440572	162.27	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1451178	103.36	ng	-0.01
79) Terphenyl-d14	12.77	244	1847032	80.84	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	101653	18.745	ng	# 78
25) Isophorone	7.25	82	781653	52.423	ng	# 64
50) Dimethylphthalate	9.71	163	58168	3.491	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	28874	7.862	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	28874	6.501	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	24937	4.540	ng	# 1

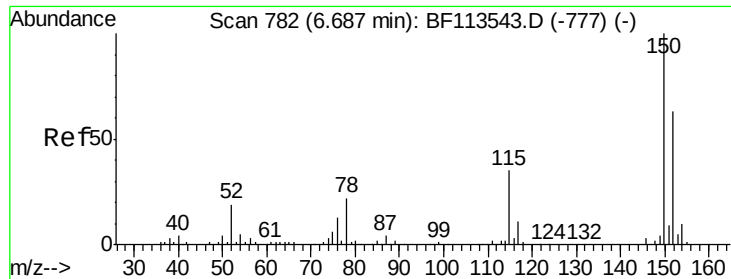
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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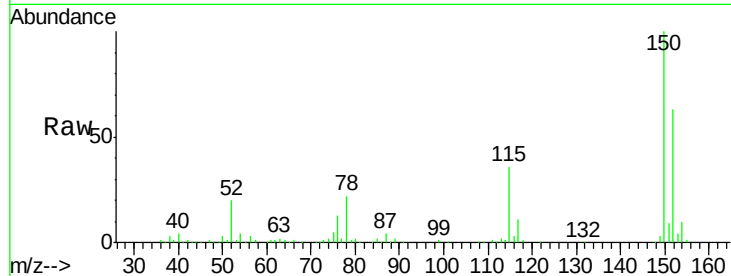


#1

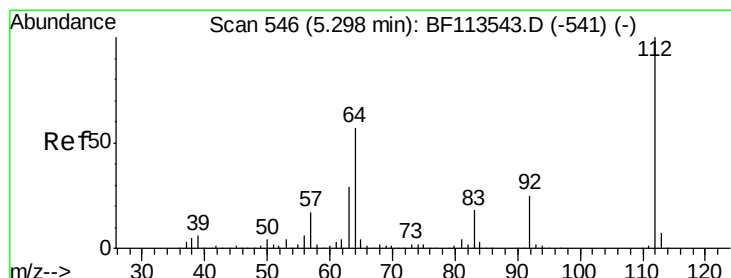
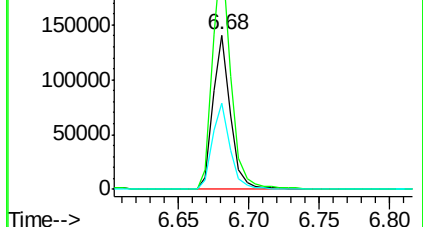
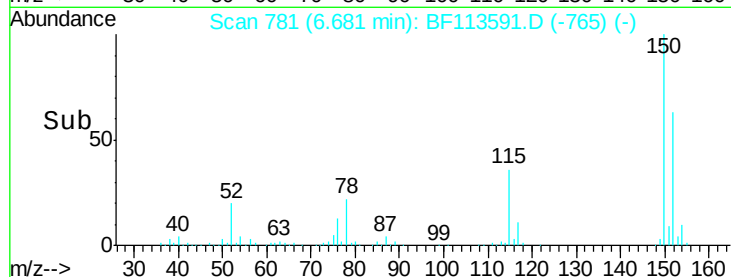
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113591.D
Acq: 4 Apr 2019 19:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121676
Ion Ratio Lower Upper
152 100
150 158.1 124.7 187.1
115 56.1 46.0 69.0



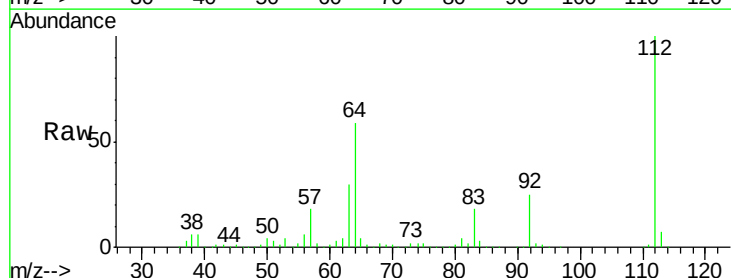
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



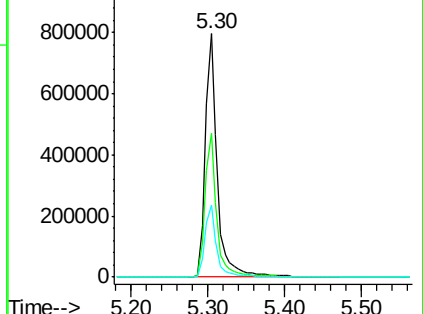
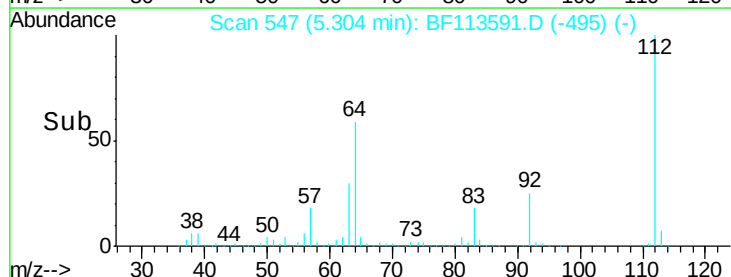
#5

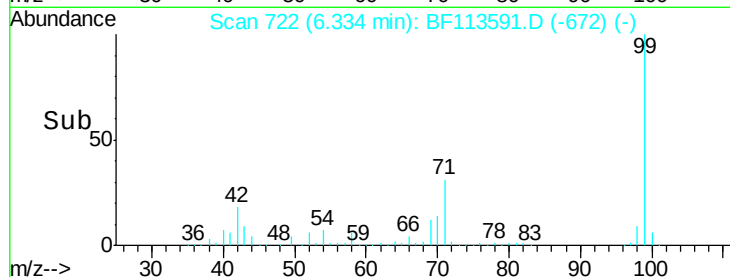
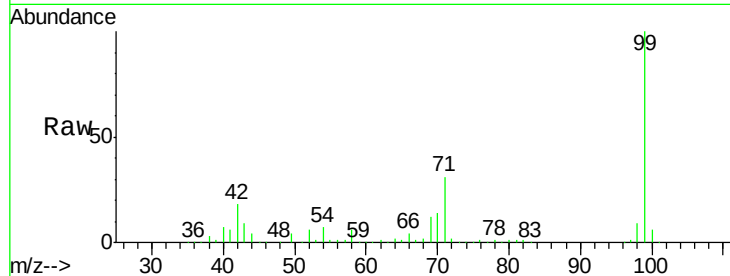
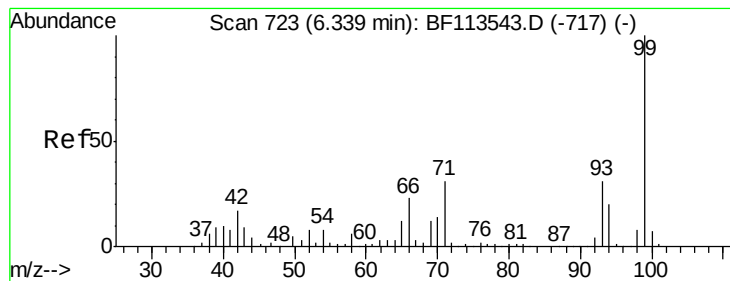
2-Fluorophenol
Concen: 121.441 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113591.D
Acq: 4 Apr 2019 19:08

Tgt Ion:112 Resp: 866539
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 29.7 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: 112.782 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113591.D

Acq: 4 Apr 2019 19:08

Instrument :

BNA_F

ClientSampleId :

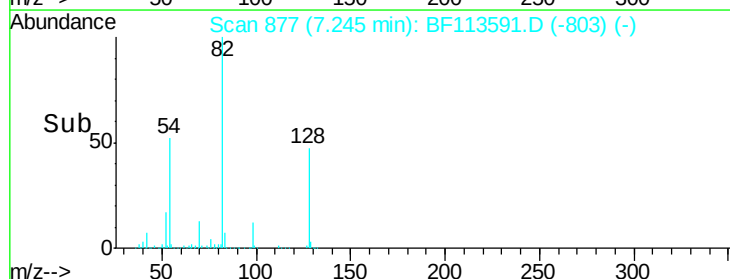
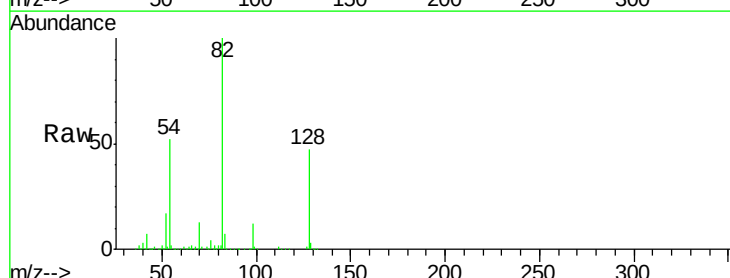
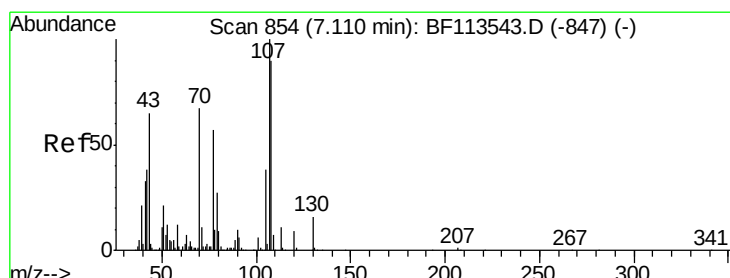
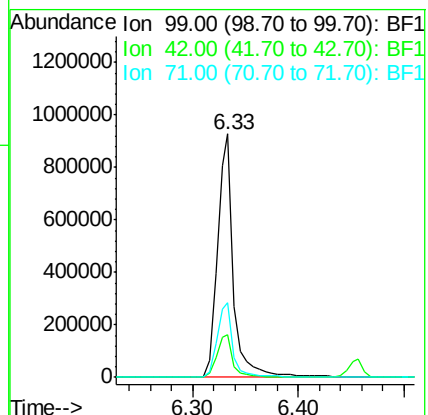
Tot Ion: 99 Resp: 991861

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

71 30.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.745 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113591.D

Acq: 4 Apr 2019 19:08

Tgt Ion: 70 Resp: 101653

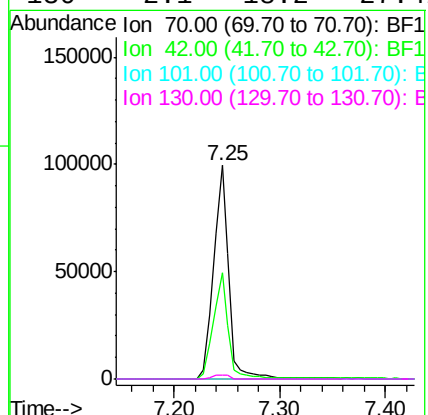
Ion Ratio Lower Upper

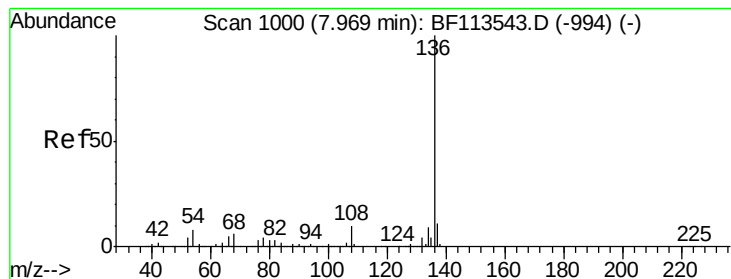
70 100

42 50.0 48.4 72.6

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113591.D

Acq: 4 Apr 2019 19:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 453388

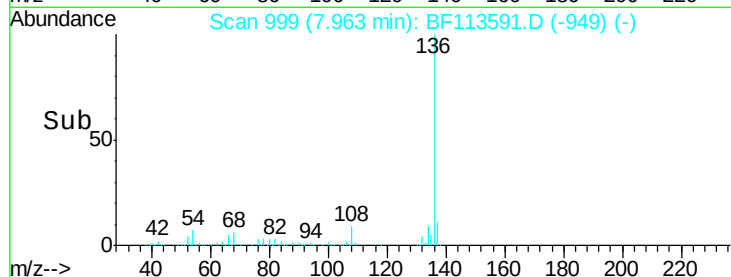
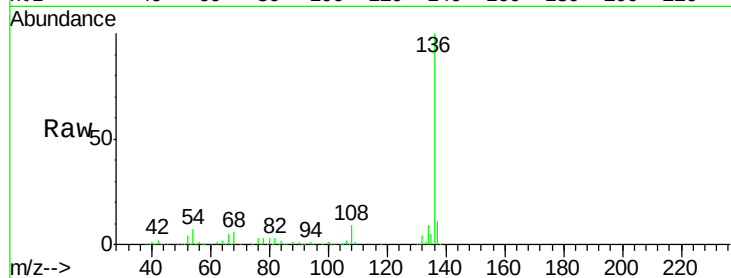
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 7.0 10.6

68 5.5 4.8 7.2

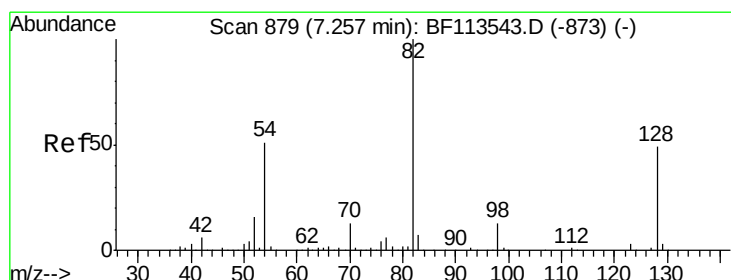
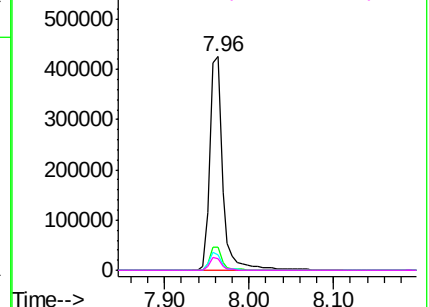


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.646 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113591.D

Acq: 4 Apr 2019 19:08

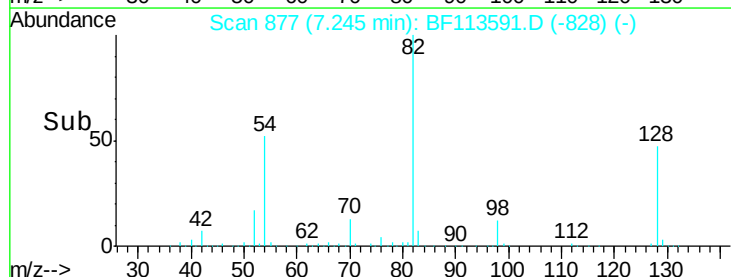
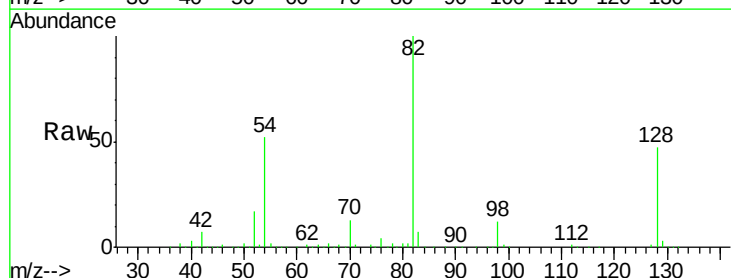
Tgt Ion: 82 Resp: 786769

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

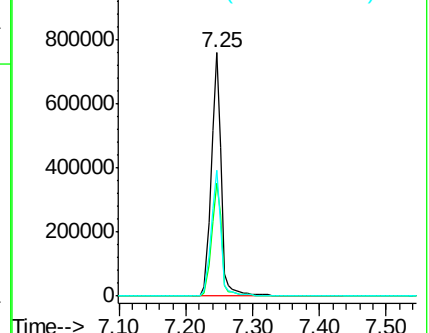
54 51.9 42.2 63.2

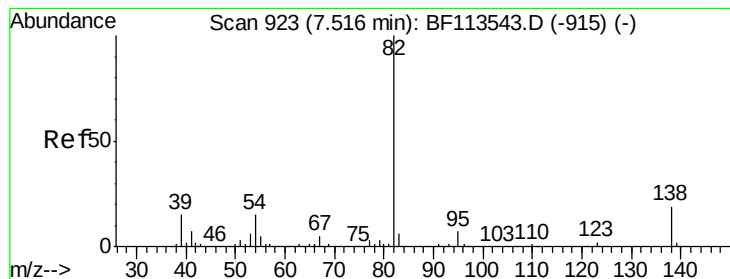


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.423 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113591.D

Acq: 4 Apr 2019 19:08

Instrument :

BNA_F

ClientSampleId :

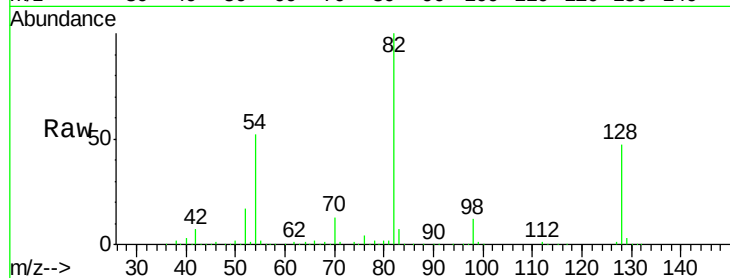
Tot Ion: 82 Resp: 781653

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

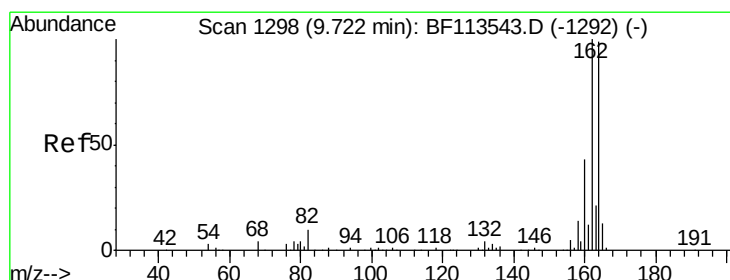
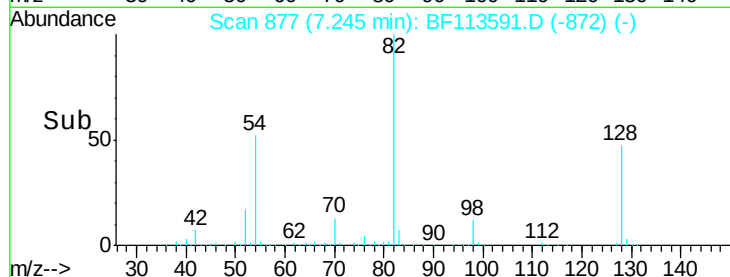
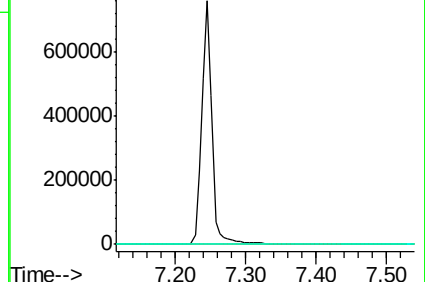
138 0.0 15.2 22.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113591.D

Acq: 4 Apr 2019 19:08

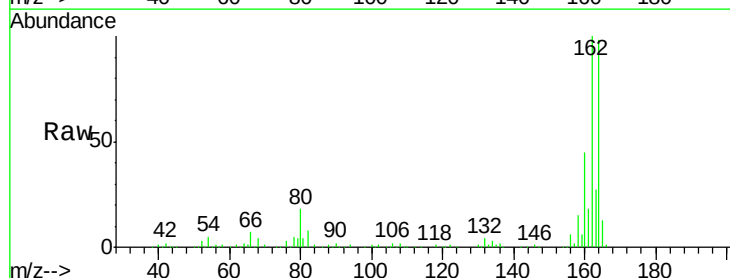
Tgt Ion:164 Resp: 226027

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

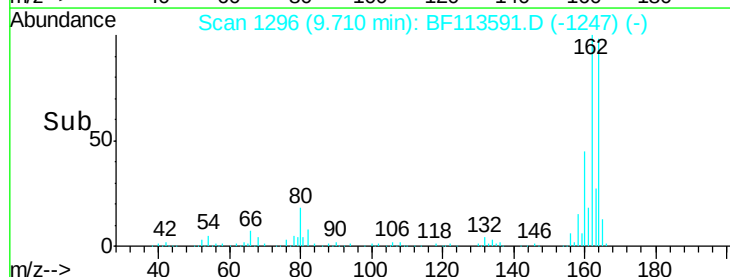
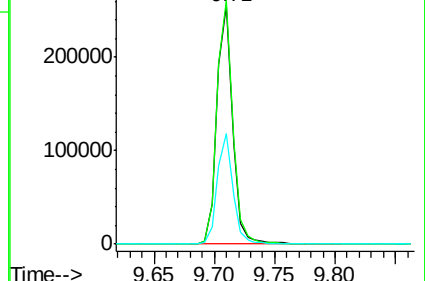
160 46.2 36.4 54.6

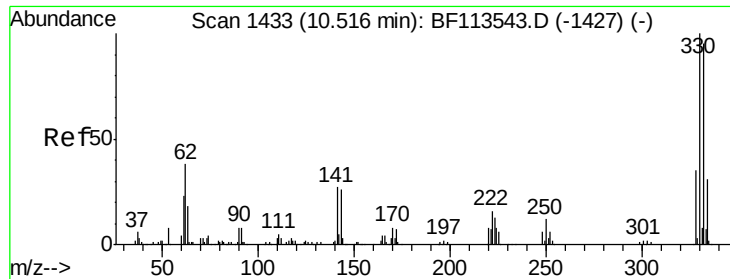


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

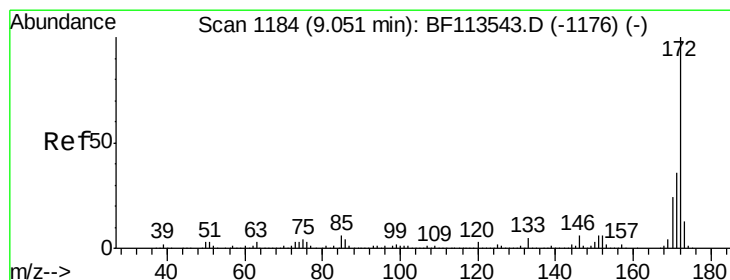
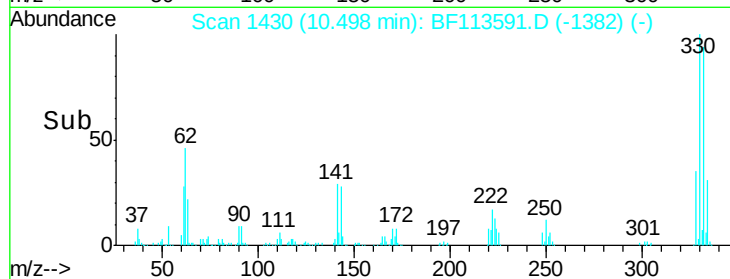
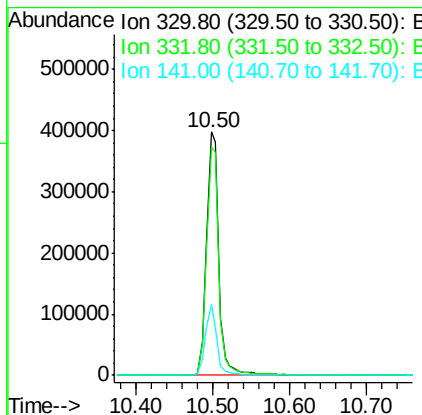
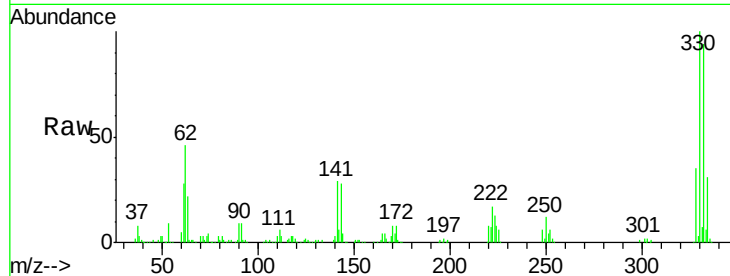




#42
 2,4,6-Tribromophenol
 Concen: 162.265 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113591.D
 Acq: 4 Apr 2019 19:08

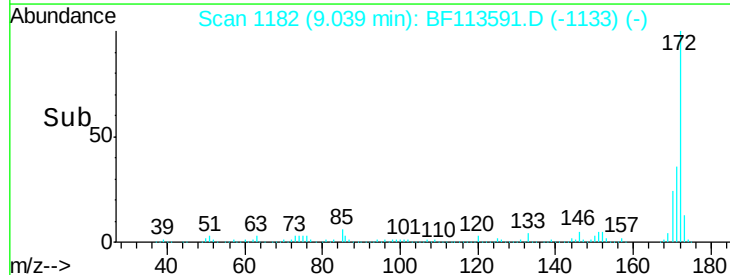
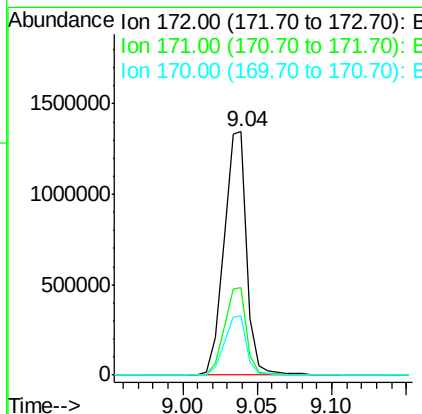
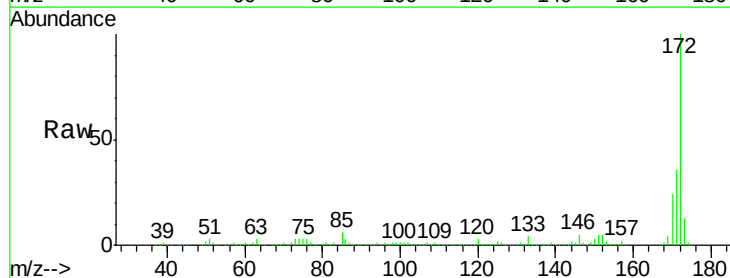
Instrument :
 BNA_F
 ClientSampleId :

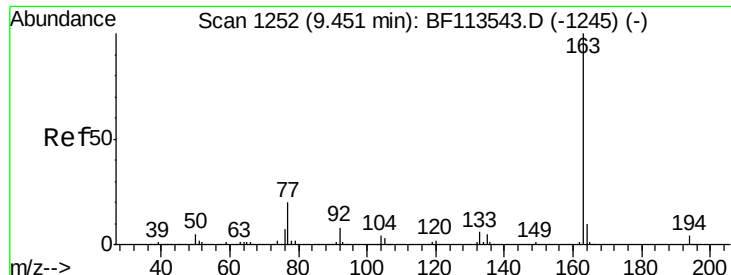
Tot Ion:330 Resp: 440572
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.8 116.6
 141 27.3 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 103.361 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113591.D
 Acq: 4 Apr 2019 19:08

Tgt Ion:172 Resp: 1451178
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 19.5 29.3

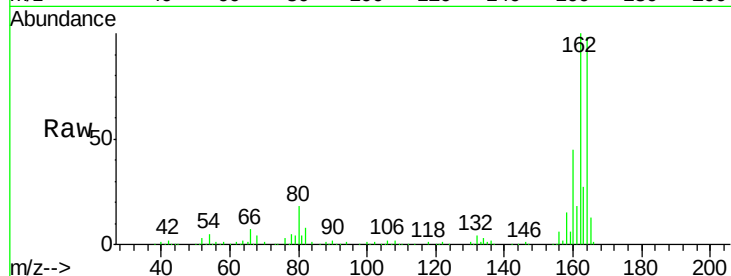




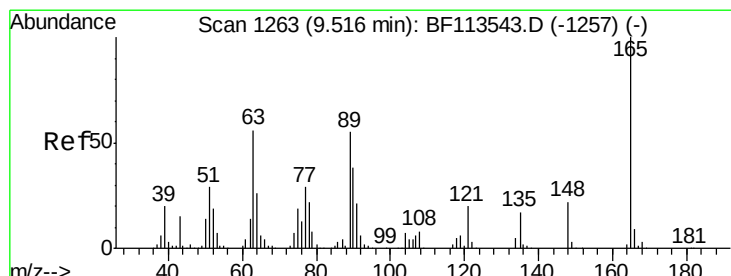
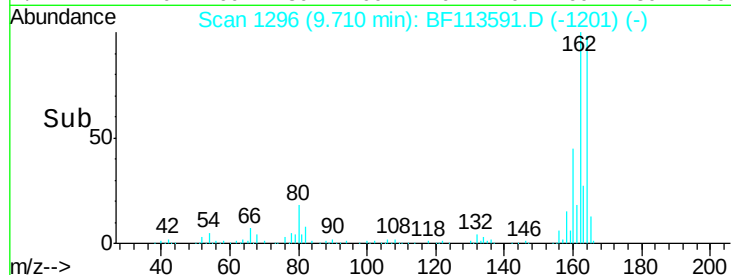
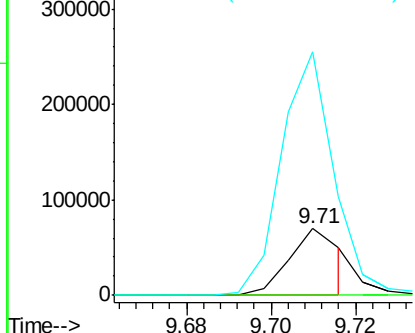
#50
Dimethylphthalate
Concen: 3.491 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.26 min
Lab File: BF113591.D
Acq: 4 Apr 2019 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 58168
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 364.9 8.1 12.1#

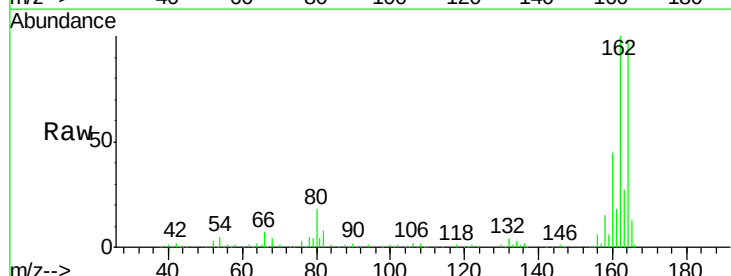


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

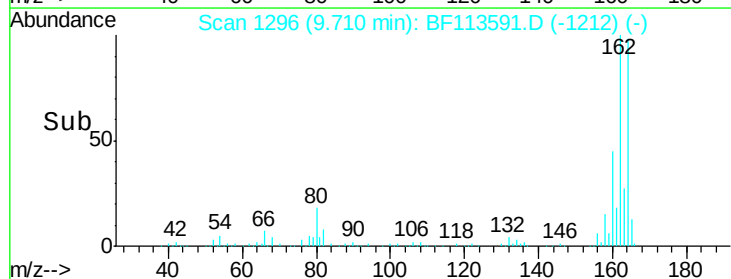
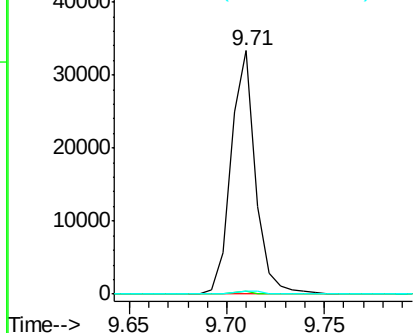


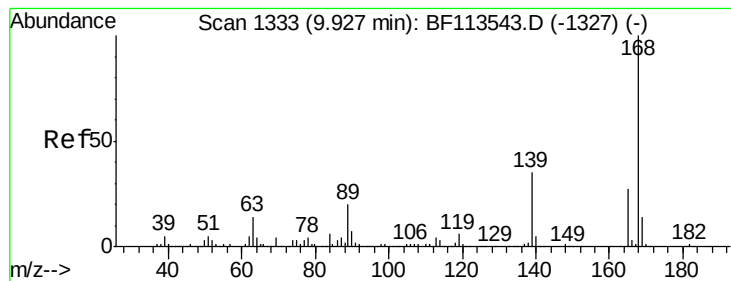
#51
2,6-Dinitrotoluene
Concen: 7.862 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113591.D
Acq: 4 Apr 2019 19:08

Tgt Ion:165 Resp: 28874
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.3 43.1 64.7#



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

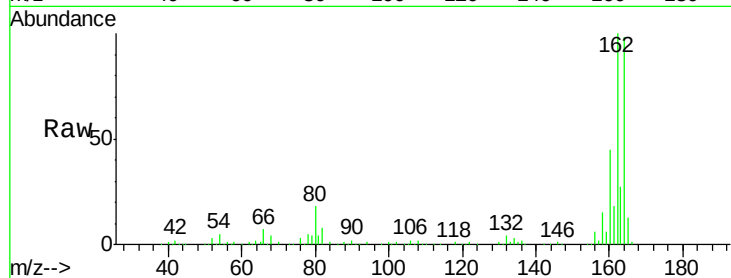




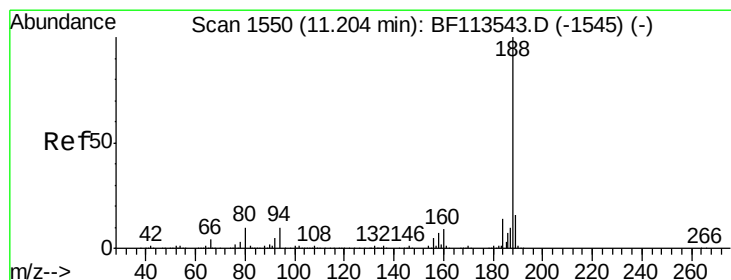
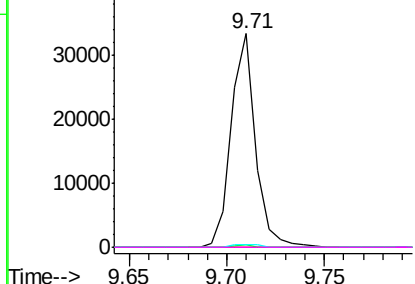
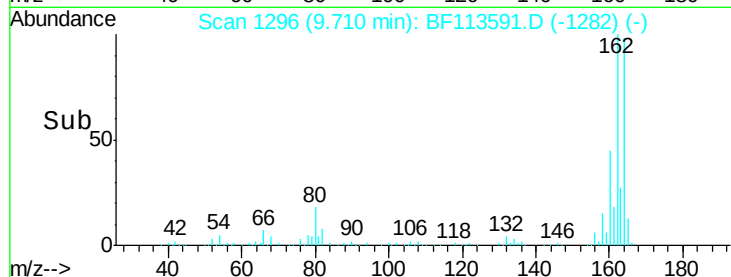
#57
 2,4-Dinitrotoluene
 Concen: 6.501 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113591.D
 Acq: 4 Apr 2019 19:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 28874
 Ion Ratio Lower Upper
 165 100
 63 1.2 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#

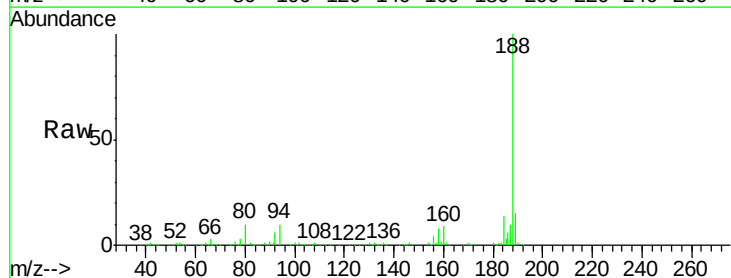


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

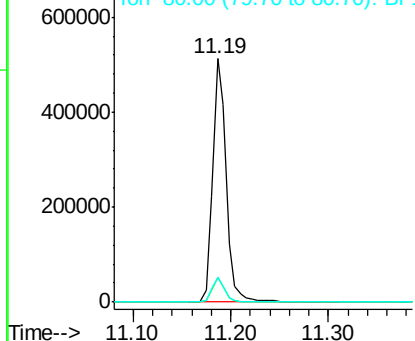
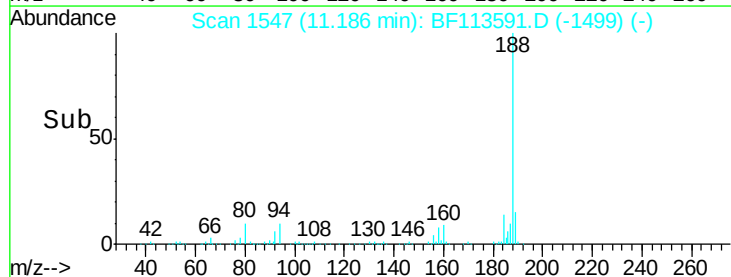


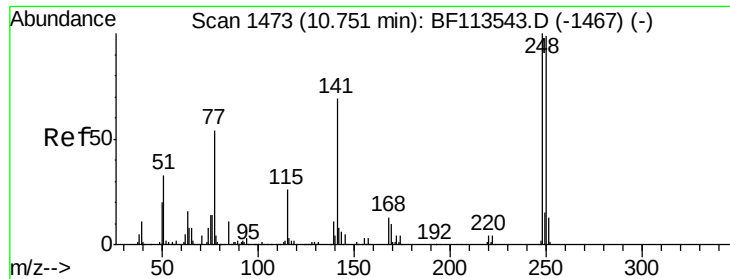
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113591.D
 Acq: 4 Apr 2019 19:08

Tgt Ion:188 Resp: 489739
 Ion Ratio Lower Upper
 188 100
 94 10.1 7.0 10.6
 80 10.2 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

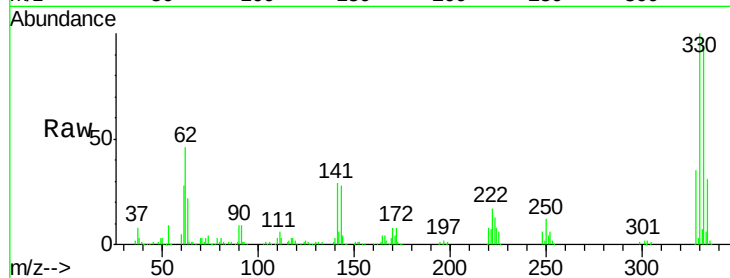




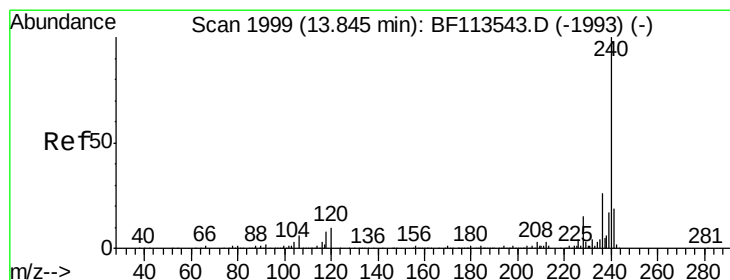
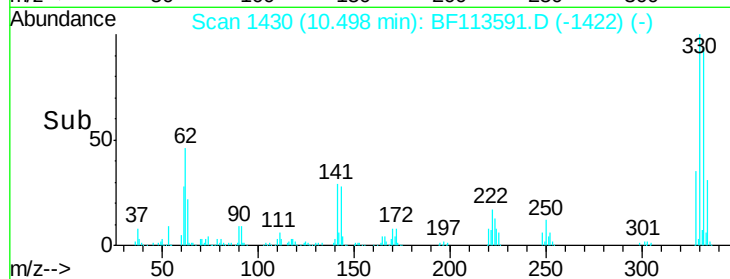
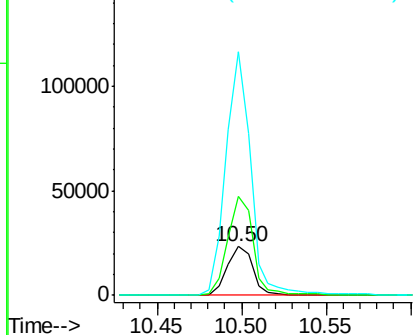
#67
4-Bromophenyl-phenylether
Concen: 4.540 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113591.D
Acq: 4 Apr 2019 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24937
Ion Ratio Lower Upper
248 100
250 201.1 78.3 117.5#
141 496.8 56.2 84.4#

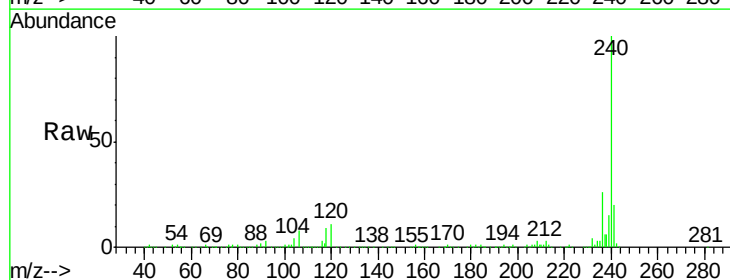


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

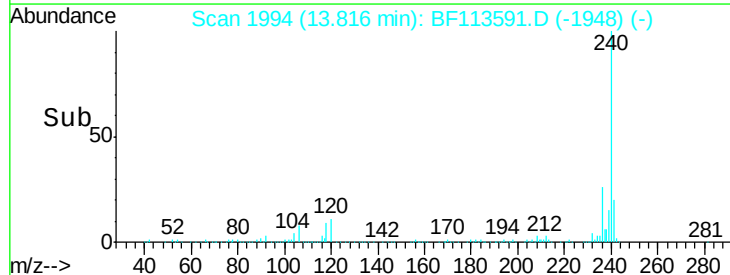
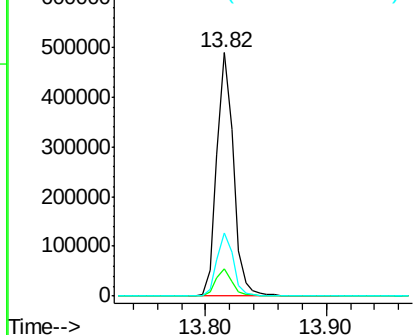


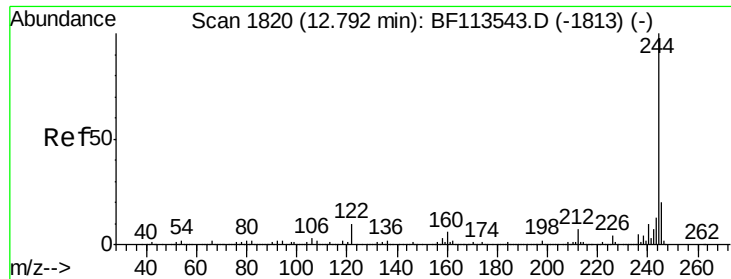
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF113591.D
Acq: 4 Apr 2019 19:08

Tgt Ion:240 Resp: 465205
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.9 20.9 31.3



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

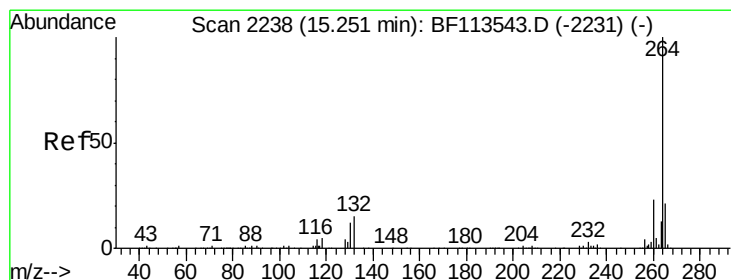
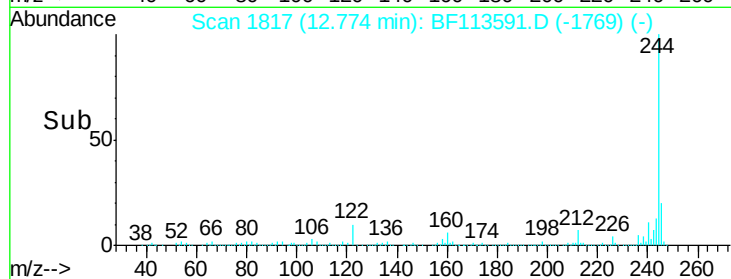
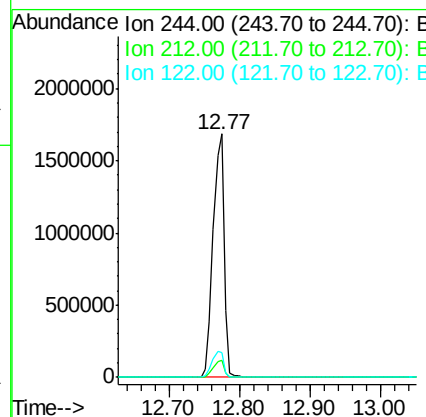
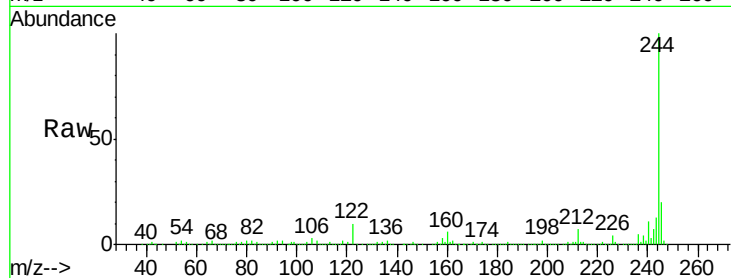




#79
 Terphenyl-d14
 Concen: 80.837 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113591.D
 Acq: 4 Apr 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1847032
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.4 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF113591.D
 Acq: 4 Apr 2019 19:08

Tgt Ion:264 Resp: 414699
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 17.1 25.7

