

Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K500-5

Quant Time: Jan 23 06:41:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

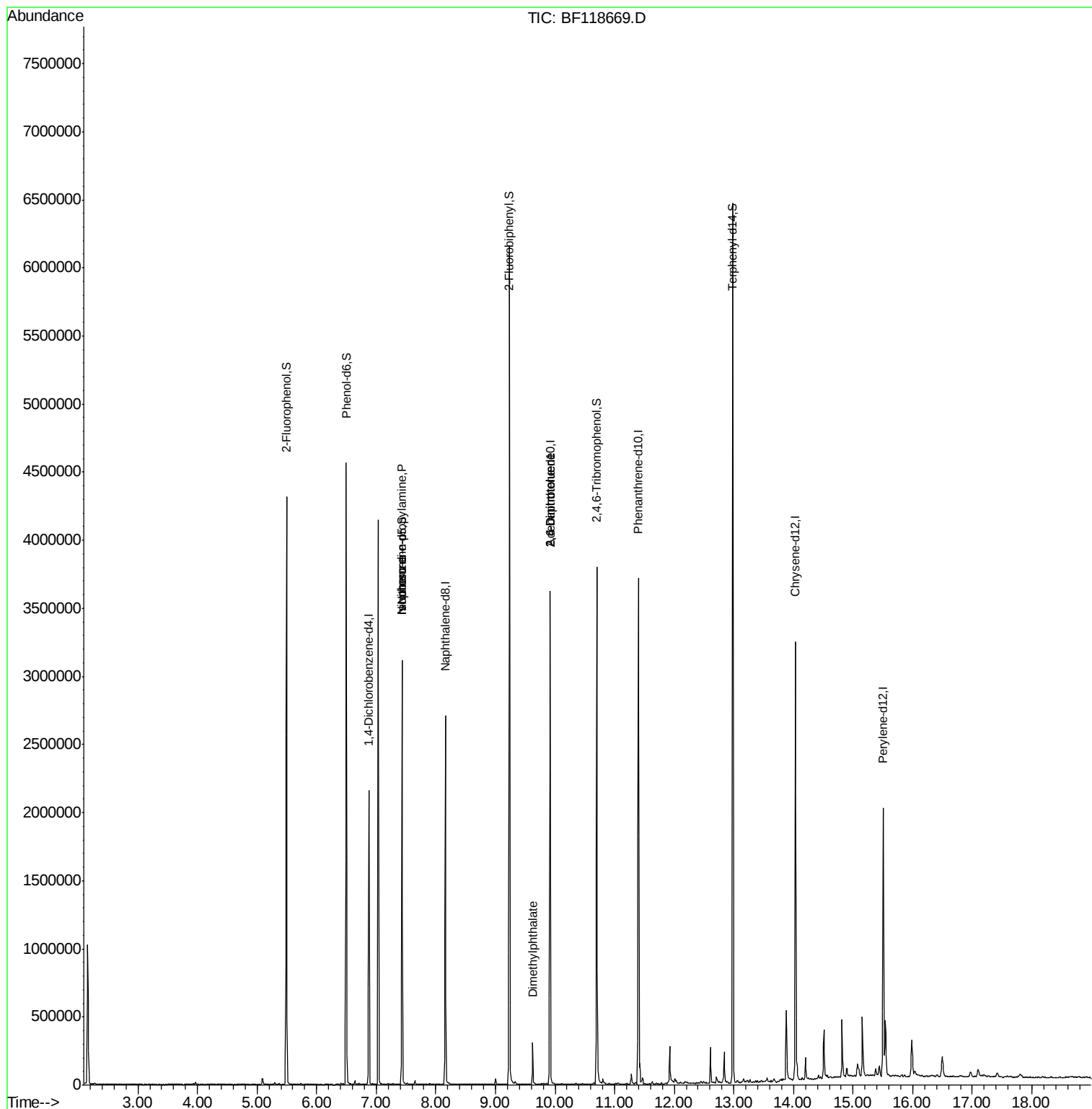
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	339505	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1295149	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	733250	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1341657	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1027919	20.00	ng	-0.01
87) Perylene-d12	15.50	264	992392	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1207750	66.07	ng	0.00
7) Phenol-d6	6.50	99	1526600	64.25	ng	-0.01
23) Nitrobenzene-d5	7.43	82	958366	41.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	528119	62.27	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1939832	43.48	ng	-0.01
79) Terphenyl-d14	12.98	244	2401537	50.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	129830	8.093	ng	# 76
25) Isophorone	7.43	82	958358	22.692	ng	# 64
50) Dimethylphthalate	9.62	163	129233	2.705	ng	98
51) 2,6-Dinitrotoluene	9.92	165	95224	8.901	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	95334	7.069	ng	# 25

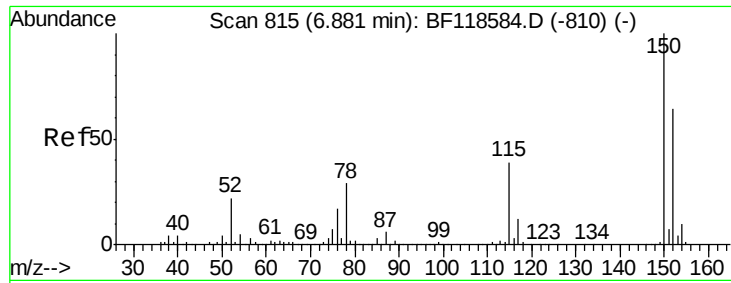
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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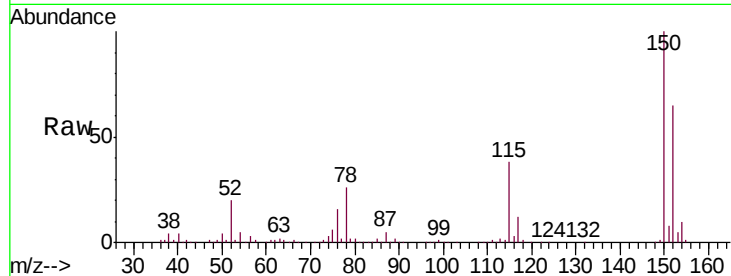




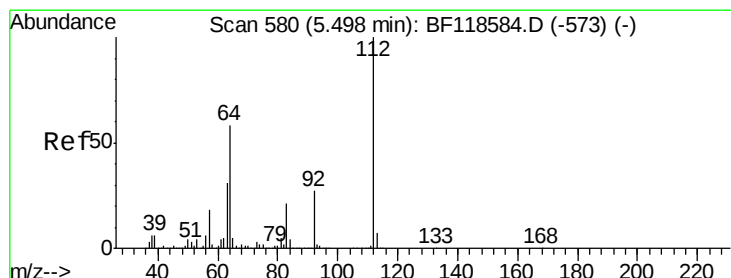
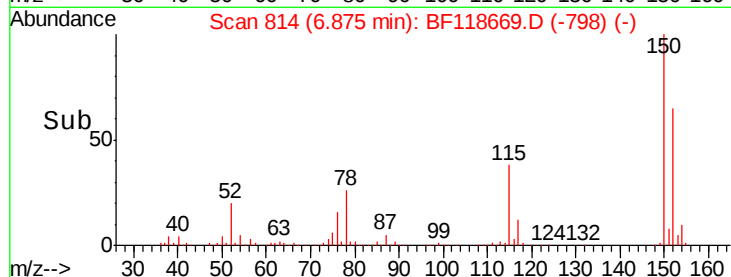
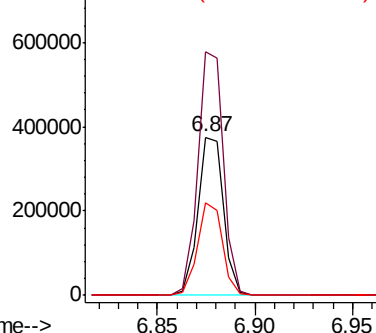
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118669.D
 Acq: 22 Jan 2020 18:10

Instrument :
 BNA_F
 ClientSampleId :
 K500-5

Tgt Ion:152 Resp: 339505
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.6 188.4
 115 58.3 48.4 72.6

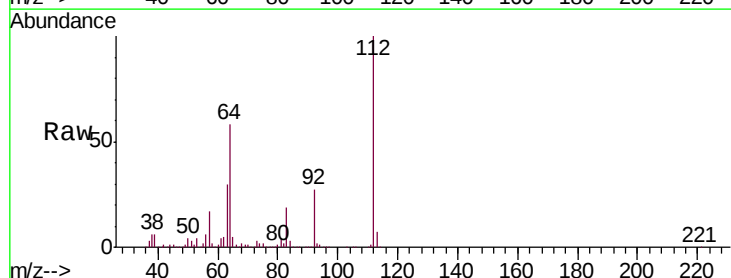


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

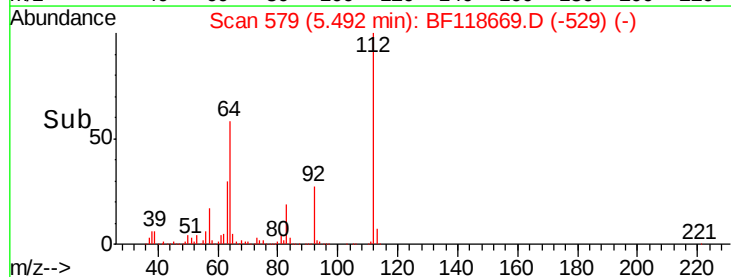
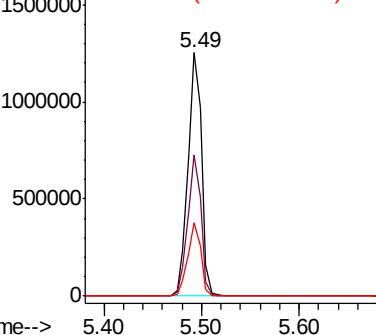


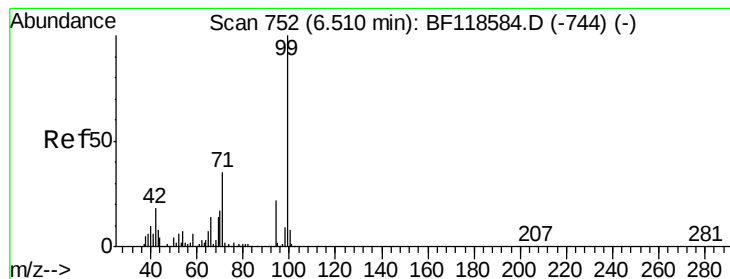
#5
 2-Fluorophenol
 Concen: 66.070 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF118669.D
 Acq: 22 Jan 2020 18:10

Tgt Ion:112 Resp: 1207750
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.6 70.0
 63 30.2 25.1 37.7



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: 64.253 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118669.D

Acq: 22 Jan 2020 18:10

Instrument :

BNA_F

ClientSampleId :

K500-5

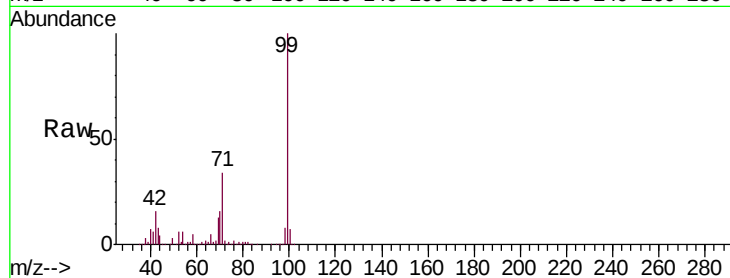
Tgt Ion: 99 Resp: 1526600

Ion Ratio Lower Upper

99 100

42 16.5 14.2 21.2

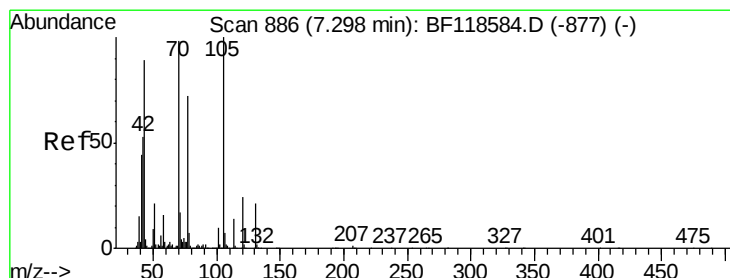
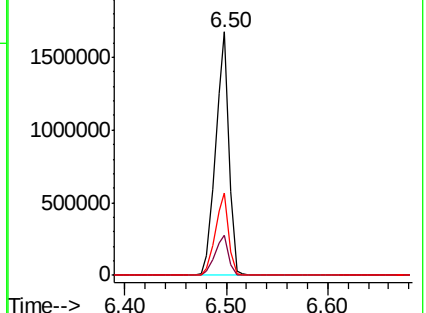
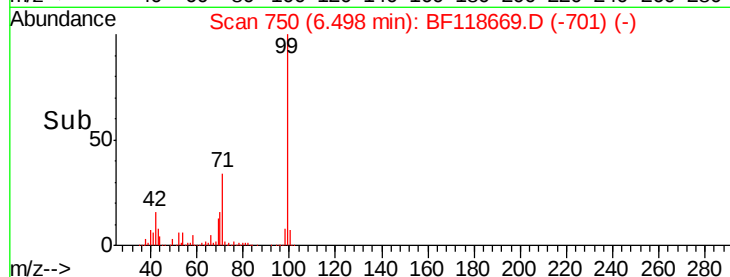
71 33.9 27.8 41.6



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: 8.093 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118669.D

Acq: 22 Jan 2020 18:10

Tgt Ion: 70 Resp: 129830

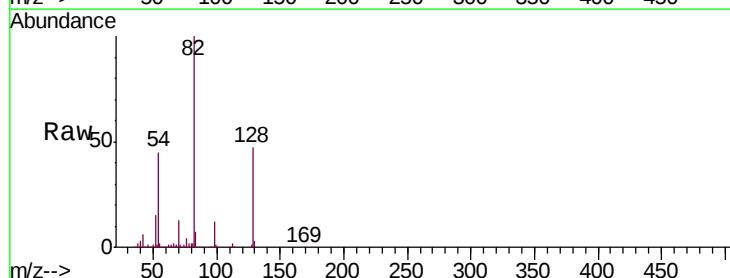
Ion Ratio Lower Upper

70 100

42 42.9 43.4 65.0#

101 0.0 8.1 12.1#

130 1.8 17.6 26.4#

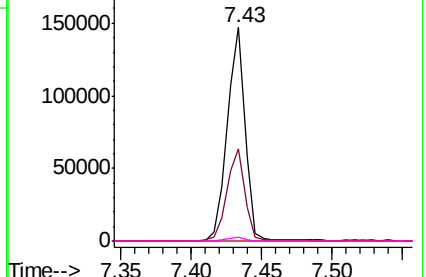
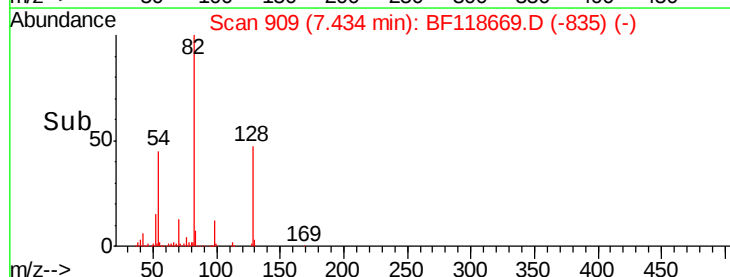


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118669.D

Acq: 22 Jan 2020 18:10

Instrument :

BNA_F

ClientSampleId :

K500-5

Tgt Ion:136 Resp: 1295149

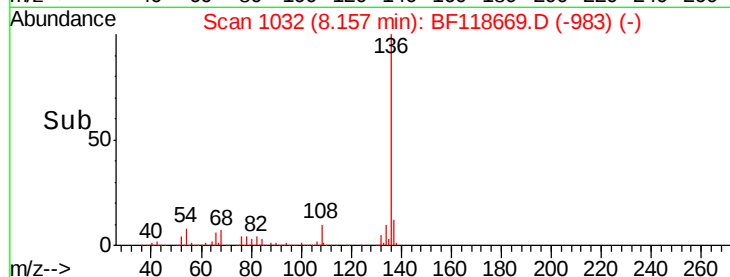
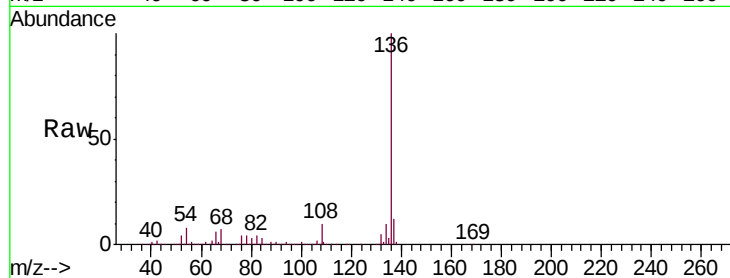
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.7 5.8 8.6

68 6.6 5.0 7.4



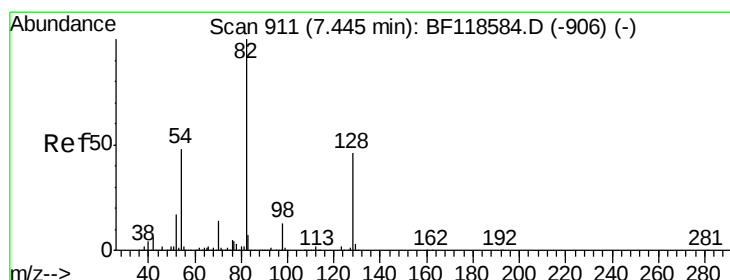
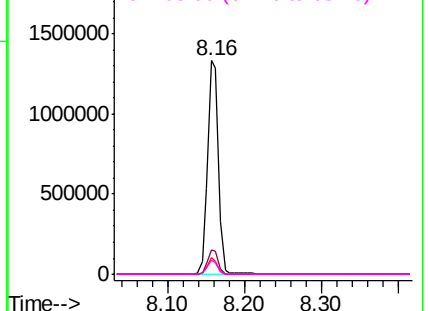
Abundance

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: 41.389 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118669.D

Acq: 22 Jan 2020 18:10

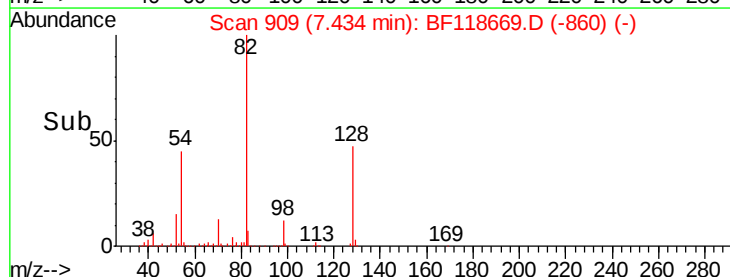
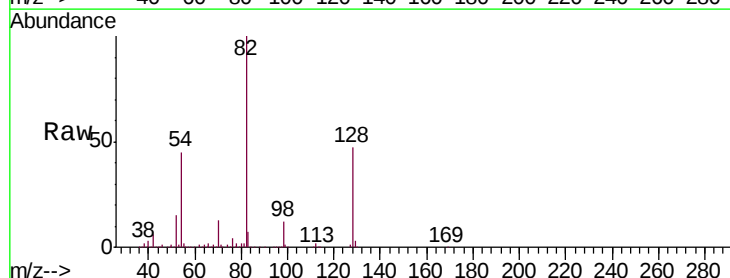
Tgt Ion: 82 Resp: 958366

Ion Ratio Lower Upper

82 100

128 47.3 36.6 54.8

54 45.1 38.0 57.0

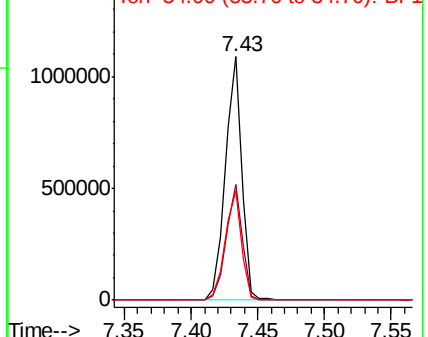


Abundance

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: 22.692 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118669.D

Acq: 22 Jan 2020 18:10

Instrument :

BNA_F

ClientSampleID :

K500-5

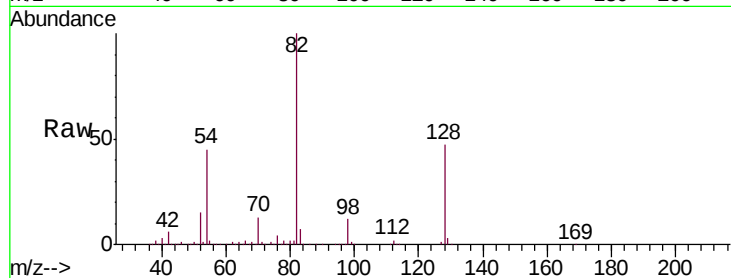
Tgt Ion: 82 Resp: 958358

Ion Ratio Lower Upper

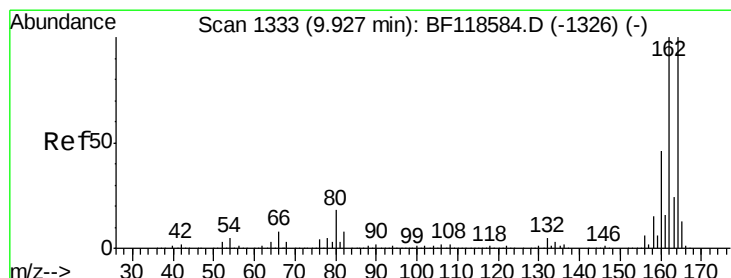
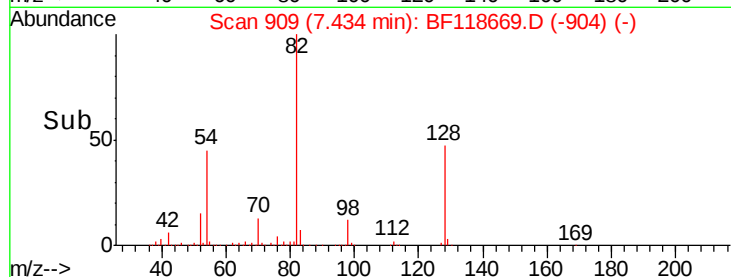
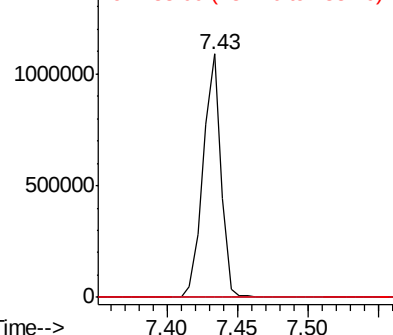
82 100

95 0.0 5.9 8.9#

138 0.0 15.3 22.9#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118669.D

Acq: 22 Jan 2020 18:10

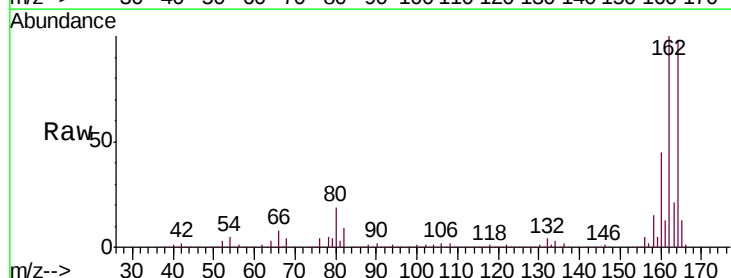
Tgt Ion: 164 Resp: 733250

Ion Ratio Lower Upper

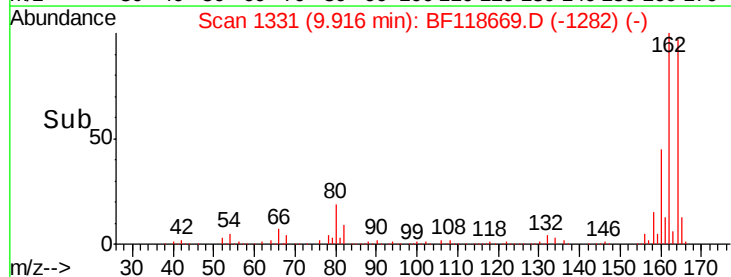
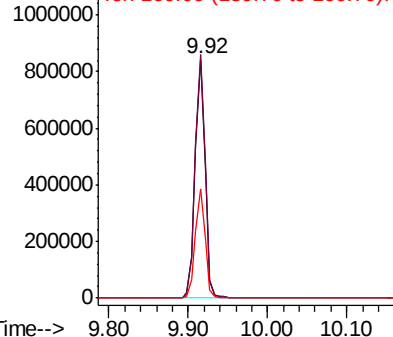
164 100

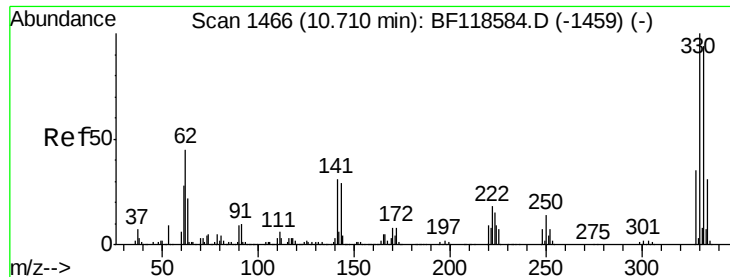
162 102.1 80.4 120.6

160 45.6 36.6 55.0



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

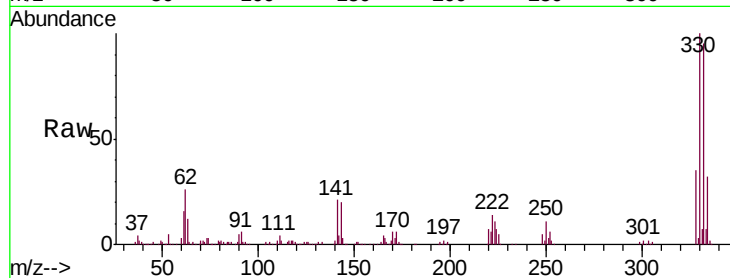




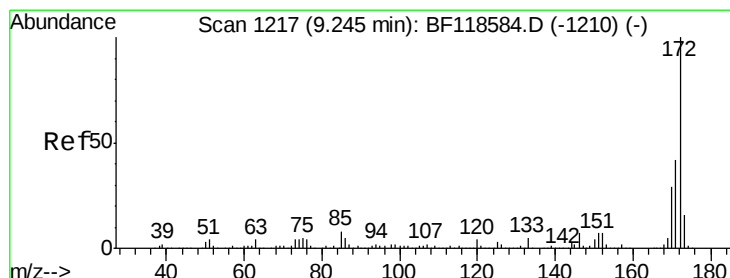
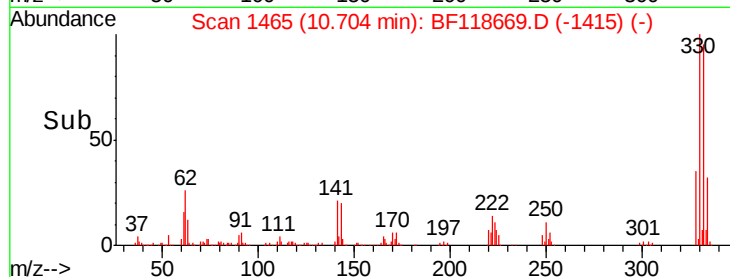
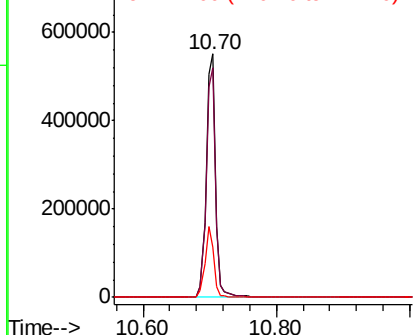
#42
 2,4,6-Tribromophenol
 Concen: 62.271 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118669.D
 Acq: 22 Jan 2020 18:10

Instrument :
 BNA_F
 ClientSampleId :
 K500-5

Tgt Ion:330 Resp: 528119
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 27.6 23.9 35.9

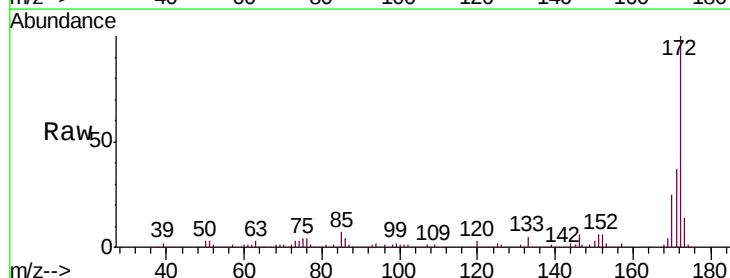


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

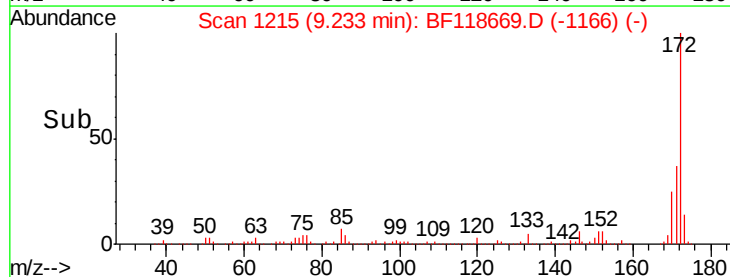
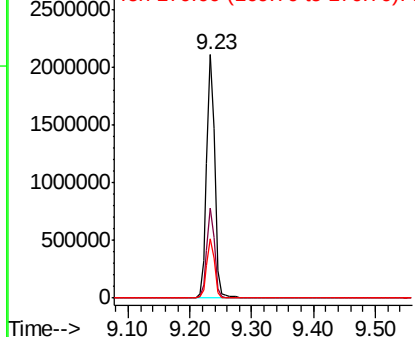


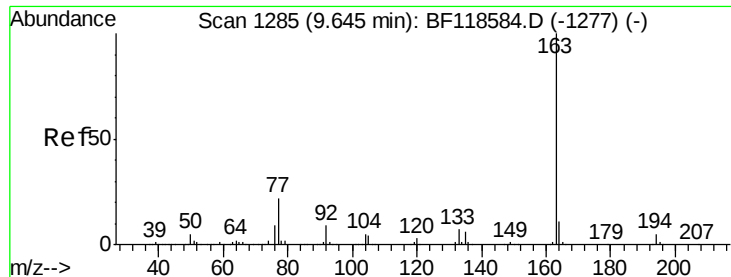
#45
 2-Fluorobiphenyl
 Concen: 43.482 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118669.D
 Acq: 22 Jan 2020 18:10

Tgt Ion:172 Resp: 1939832
 Ion Ratio Lower Upper
 172 100
 171 37.0 33.4 50.2
 170 24.6 23.2 34.8



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

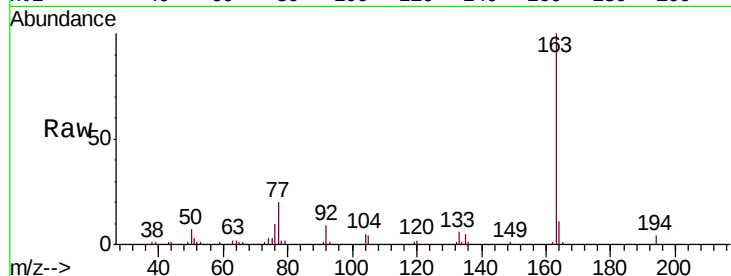




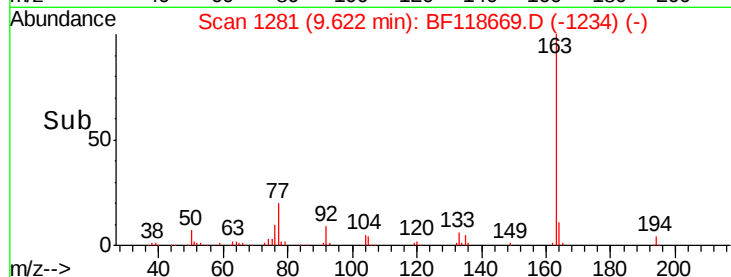
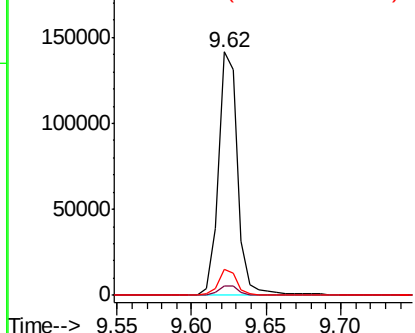
#50
Dimethylphthalate
Concen: 2.705 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118669.D
Acq: 22 Jan 2020 18:10

Instrument :
BNA_F
ClientSampleId :
K500-5

Tgt Ion:163 Resp: 129233
Ion Ratio Lower Upper
163 100
194 4.0 3.9 5.9
164 10.6 9.1 13.7

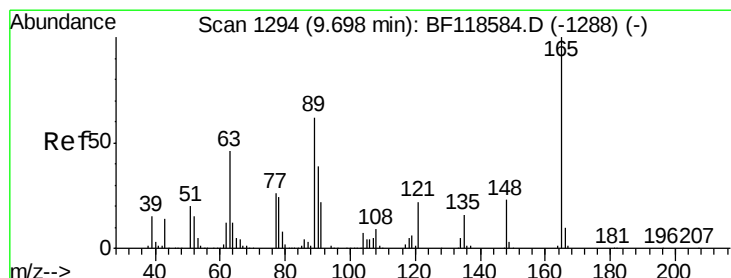


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

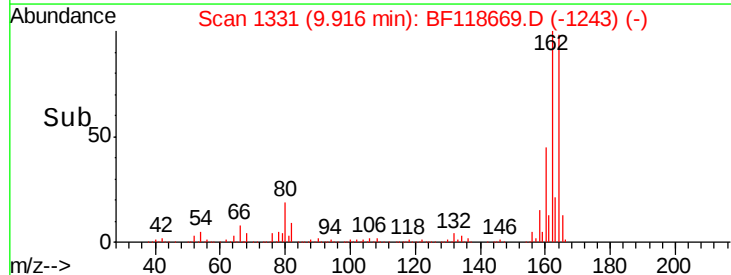
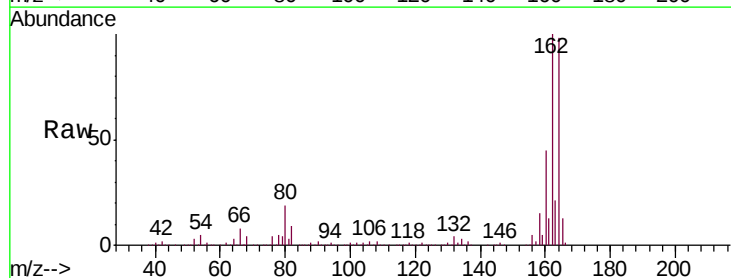
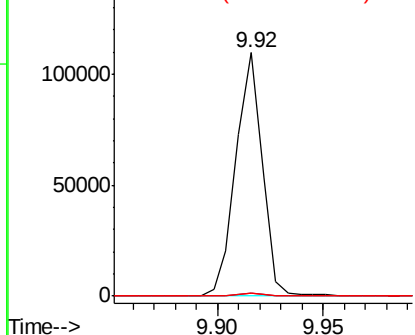


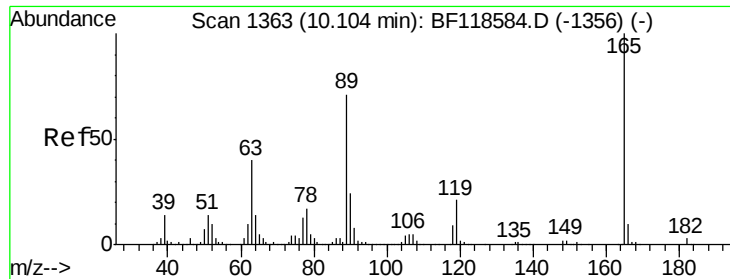
#51
2,6-Dinitrotoluene
Concen: 8.901 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF118669.D
Acq: 22 Jan 2020 18:10

Tgt Ion:165 Resp: 95224
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.2 49.8 74.6#



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

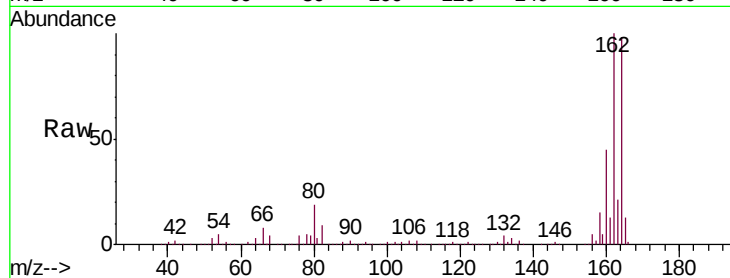




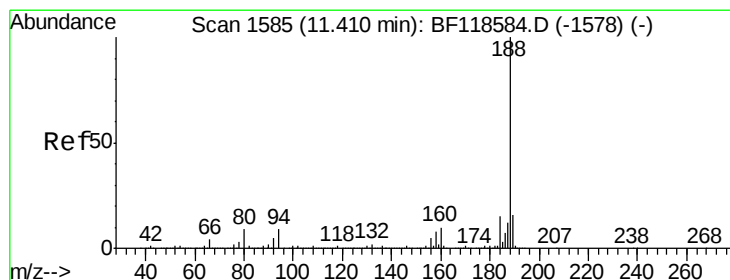
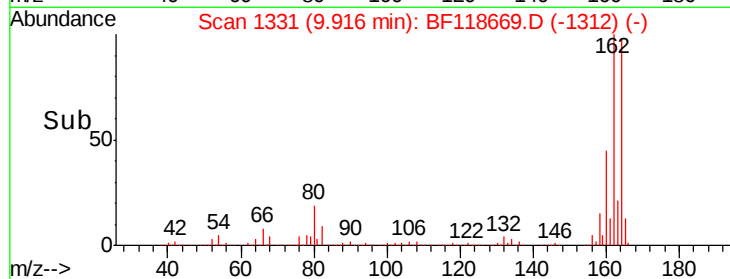
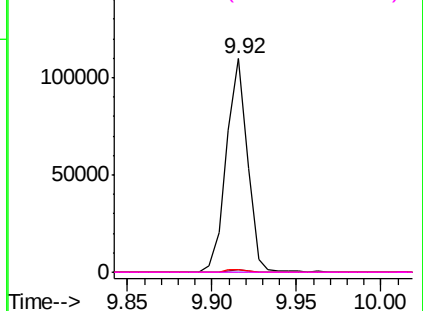
#57
 2,4-Dinitrotoluene
 Concen: 7.069 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118669.D
 Acq: 22 Jan 2020 18:10

Instrument :
 BNA_F
 ClientSampleId :
 K500-5

Tgt Ion:	165	Resp:	95334
Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#

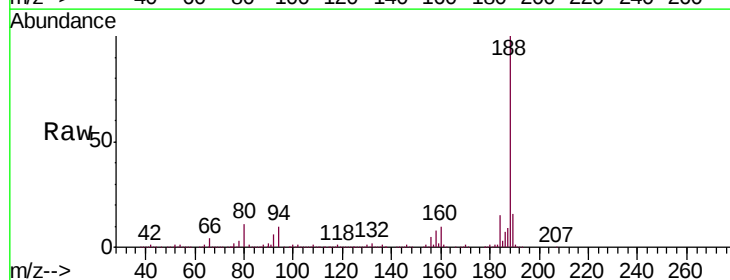


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

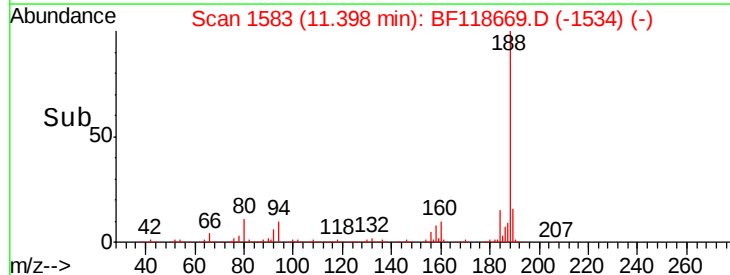
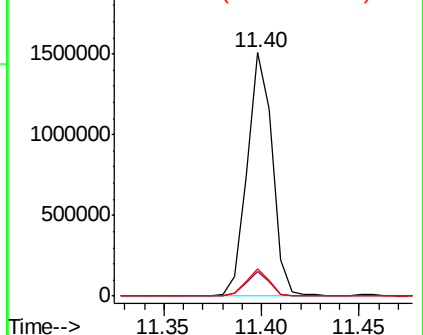


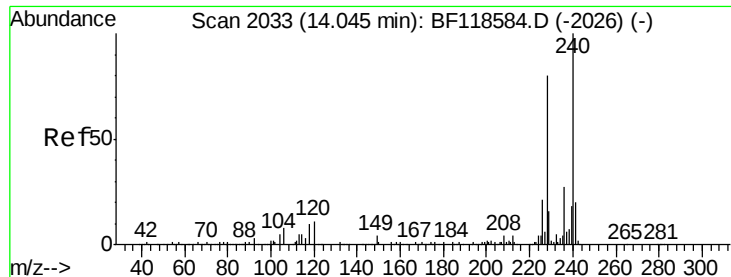
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118669.D
 Acq: 22 Jan 2020 18:10

Tgt Ion:	188	Resp:	1341657
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.1	10.7
80	11.1	7.5	11.3



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

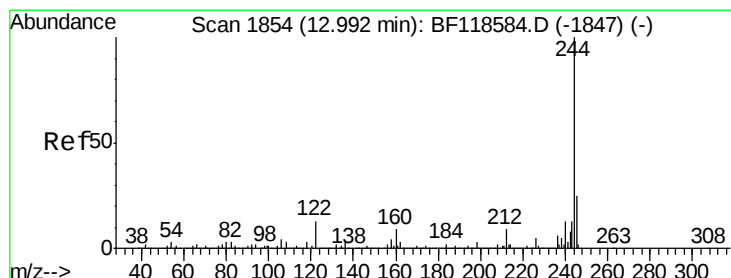
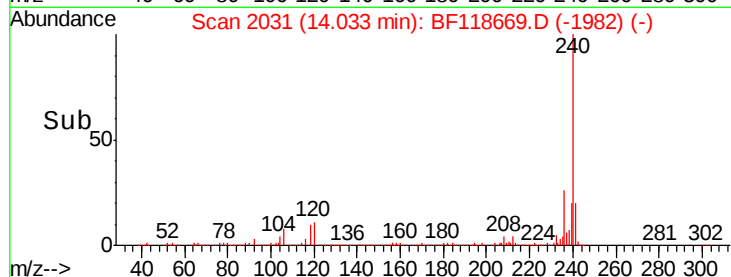
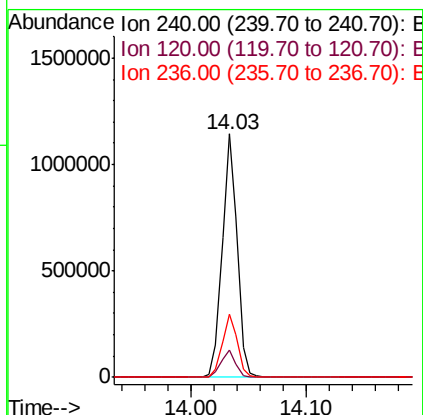
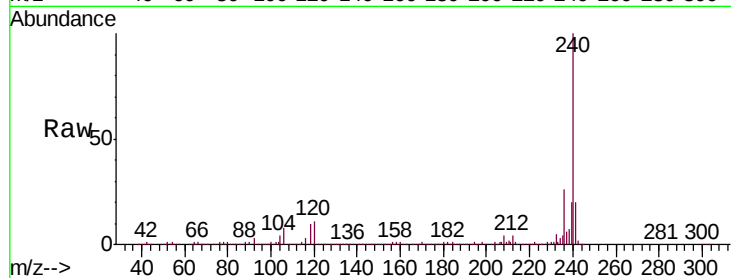




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118669.D
Acq: 22 Jan 2020 18:10

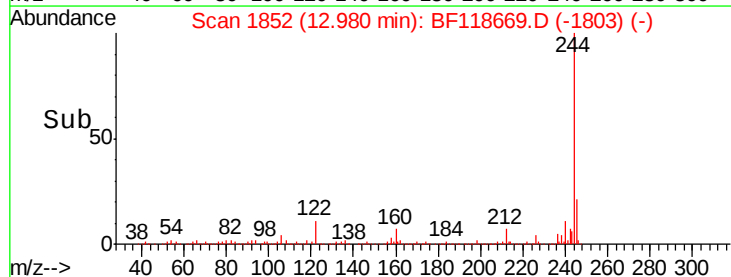
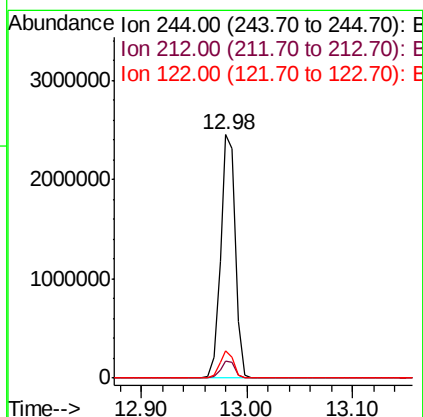
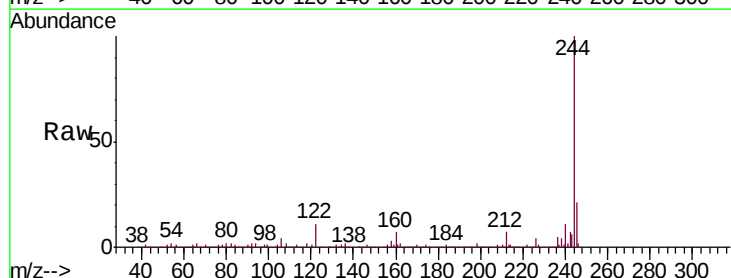
Instrument :
BNA_F
ClientSampleId :
K500-5

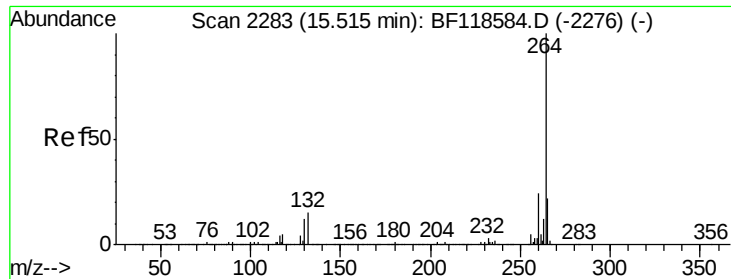
Tgt Ion:240 Resp: 1027919
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.0 21.5 32.3



#79
Terphenyl-d14
Concen: 50.957 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118669.D
Acq: 22 Jan 2020 18:10

Tgt Ion:244 Resp: 2401537
Ion Ratio Lower Upper
244 100
212 6.9 7.0 10.4#
122 11.4 10.7 16.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF118669.D
Acq: 22 Jan 2020 18:10

Instrument :
BNA_F
ClientSampleId :
K500-5

Tgt Ion: 264 Resp: 992392
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.5 17.7 26.5

