

Data File : BF118668.D
Acq On : 22 Jan 2020 17:37
Operator : CG/JU
Sample : L1214-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K500-4

Quant Time: Jan 23 06:41:29 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

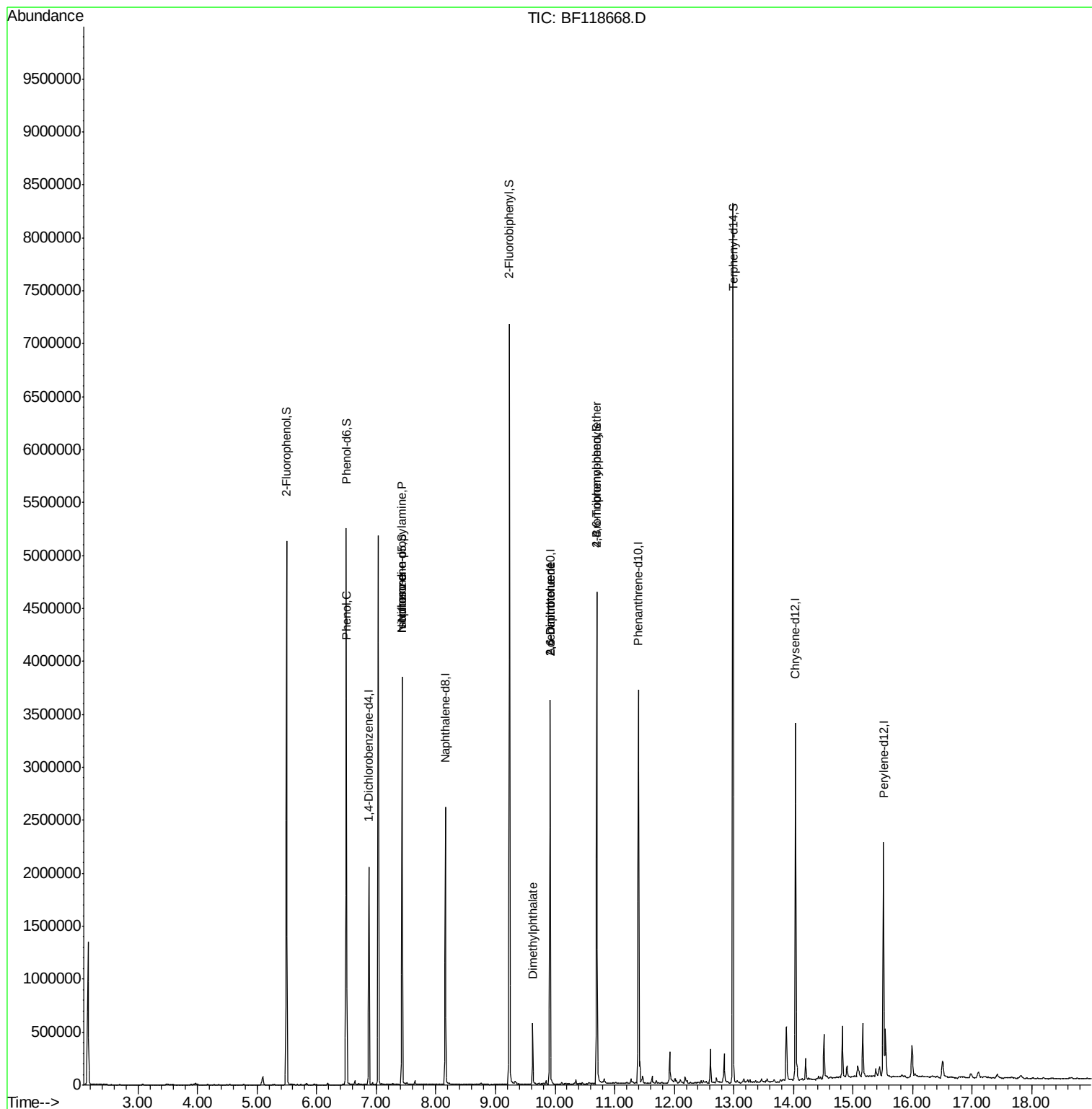
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	335831	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1287325	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	731649	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1384640	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1071769	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1041076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1532973	84.78	ng	0.00
7) Phenol-d6	6.50	99	1963017	83.53	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1248837	54.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	691277	81.69	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2426217	54.50	ng	-0.01
79) Terphenyl-d14	12.99	244	2996707	60.98	ng	0.00
Target Compounds						
10) Phenol	6.51	94	136715	5.104	ng	96
19) n-Nitroso-di-n-propylamine	7.43	70	170542	10.747	ng	# 76
25) Isophorone	7.43	82	1249032	29.754	ng	# 64
50) Dimethylphthalate	9.62	163	240885	5.053	ng	97
51) 2,6-Dinitrotoluene	9.92	165	95865	8.981	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	95866	7.124	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	43570	2.547	ng	# 1

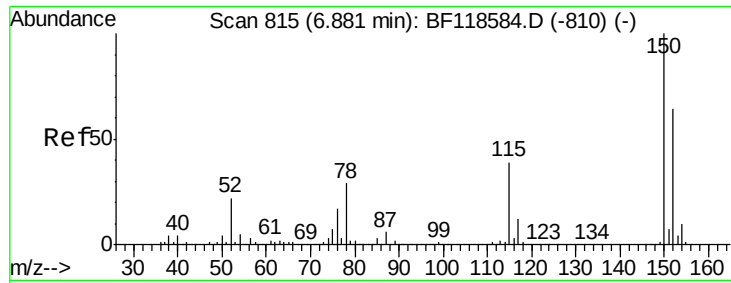
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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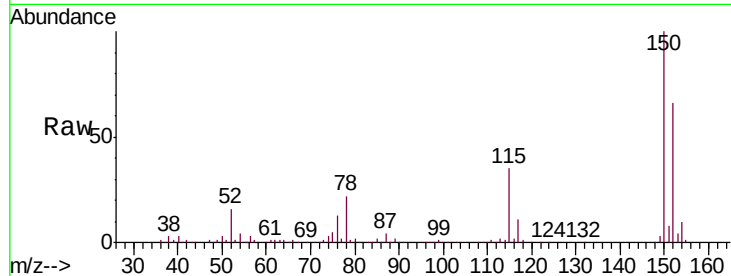


#1

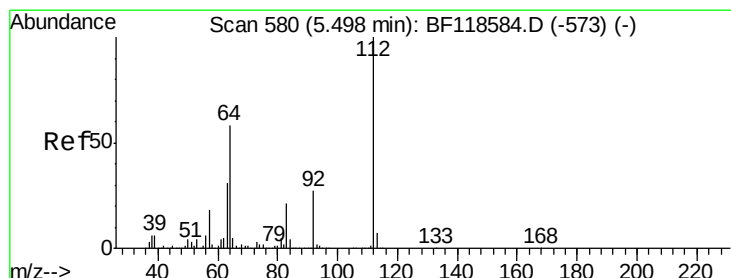
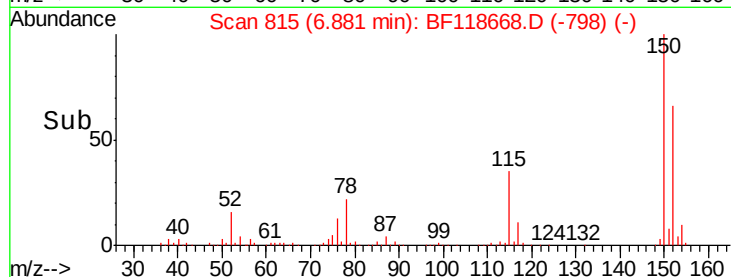
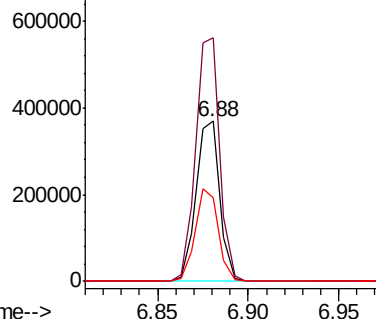
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Instrument :
BNA_F
ClientSampleId :
K500-4

Tgt Ion:152 Resp: 335831
Ion Ratio Lower Upper
152 100
150 152.1 125.6 188.4
115 52.6 48.4 72.6



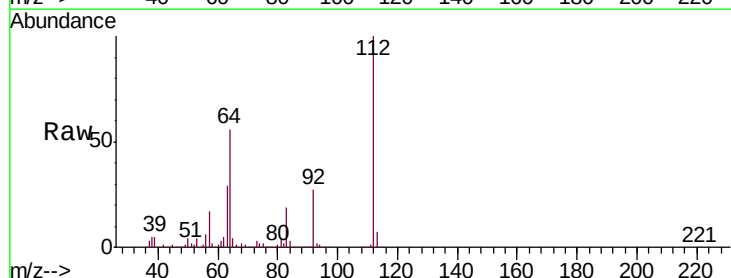
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



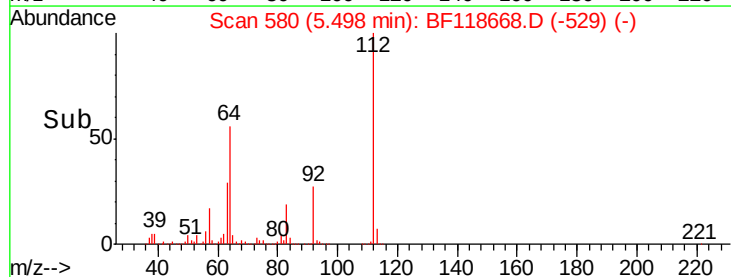
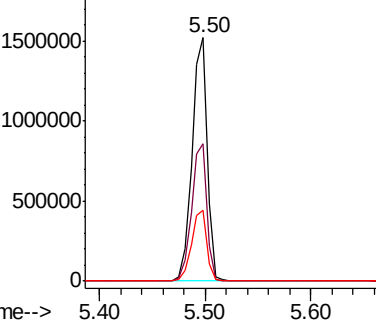
#5

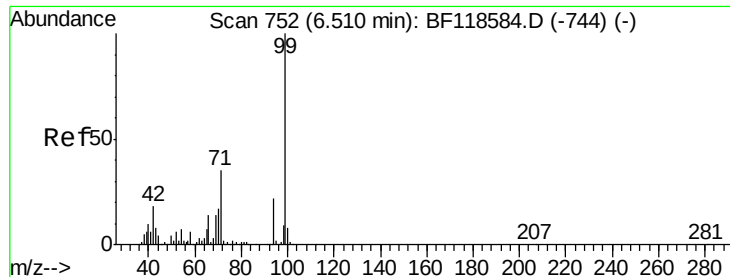
2-Fluorophenol
Concen: 84.778 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Tgt Ion:112 Resp: 1532973
Ion Ratio Lower Upper
112 100
64 56.2 46.6 70.0
63 29.0 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: 83.525 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Instrument :

BNA_F

ClientSampleId :

K500-4

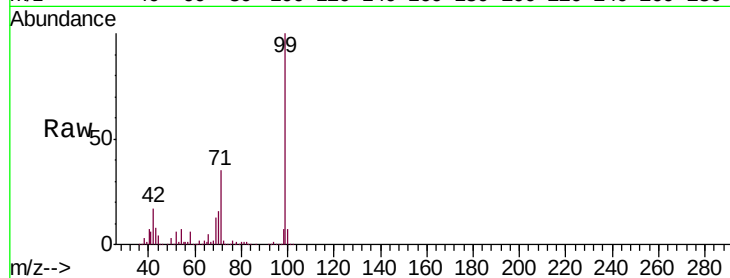
Tgt Ion: 99 Resp: 1963017

Ion Ratio Lower Upper

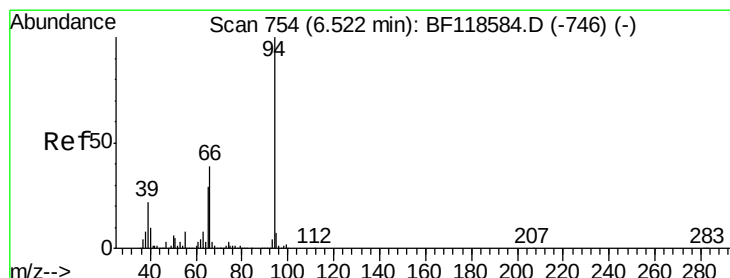
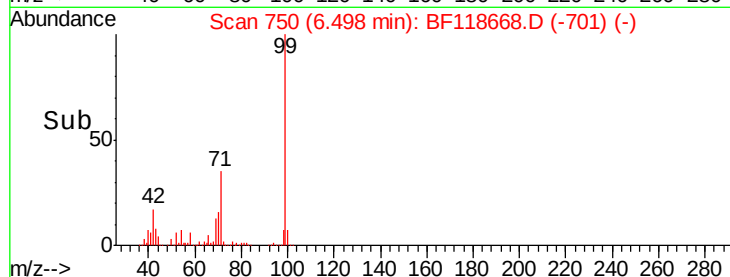
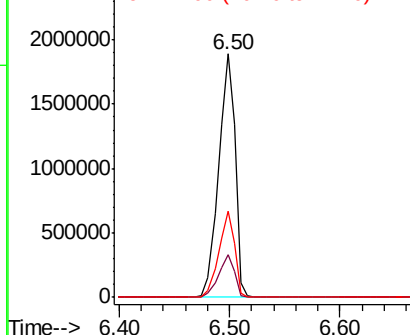
99 100

42 17.5 14.2 21.2

71 35.3 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



#10

Phenol

Concen: 5.104 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

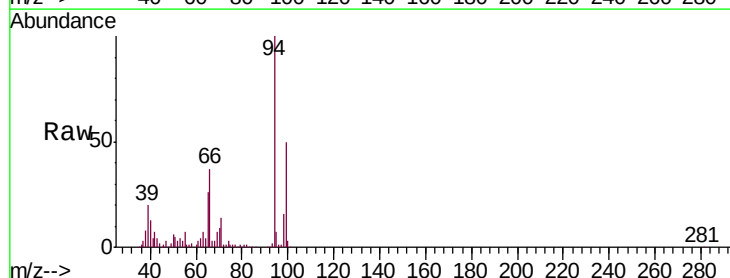
Tgt Ion: 94 Resp: 136715

Ion Ratio Lower Upper

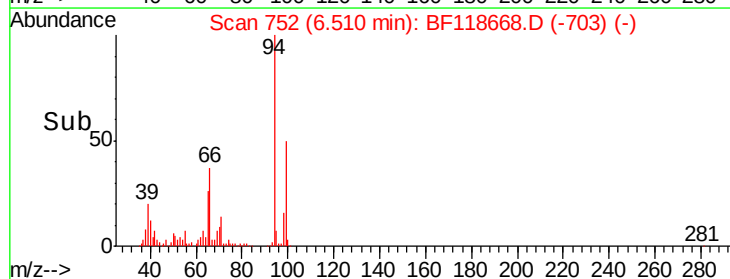
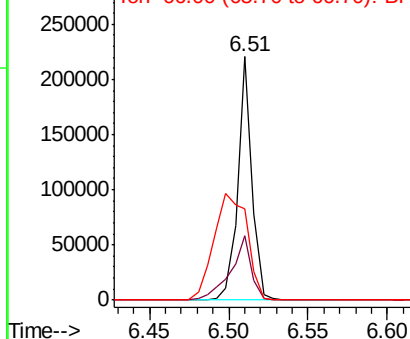
94 100

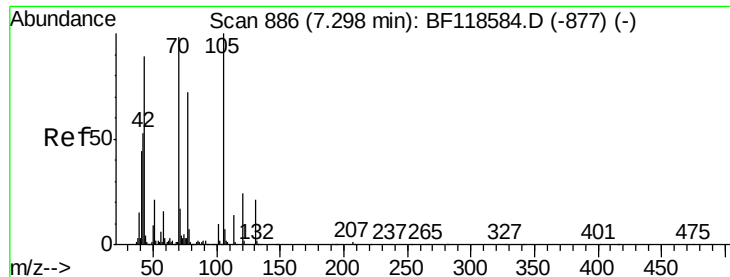
65 26.4 9.5 49.5

66 37.3 18.5 58.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

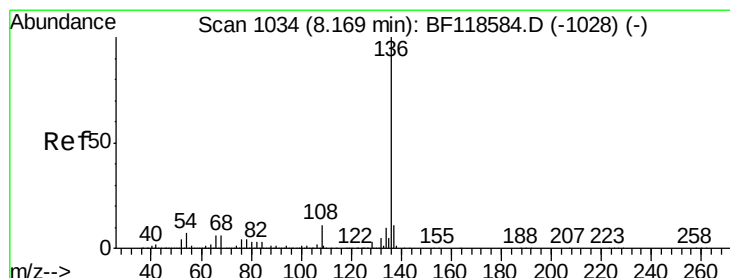
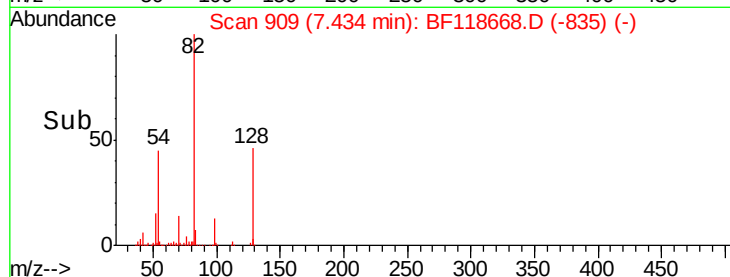
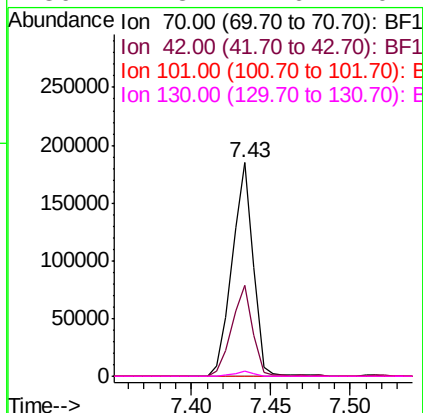
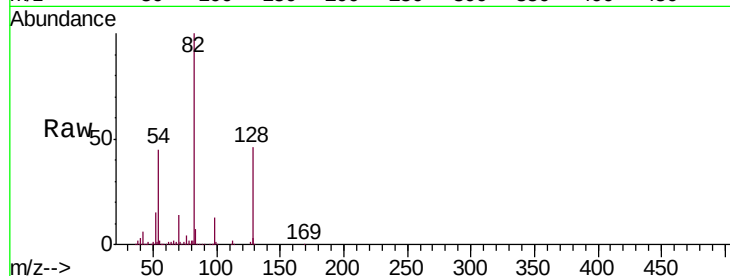




#19
n-Nitroso-di-n-propylamine
Concen: 10.747 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

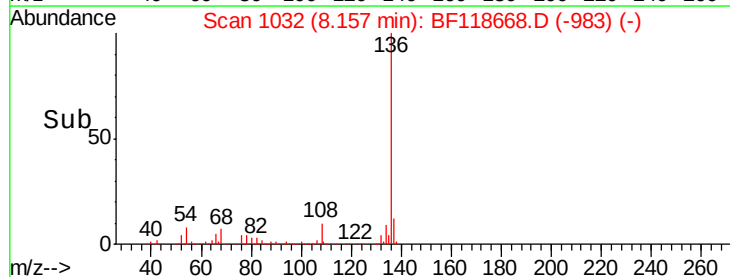
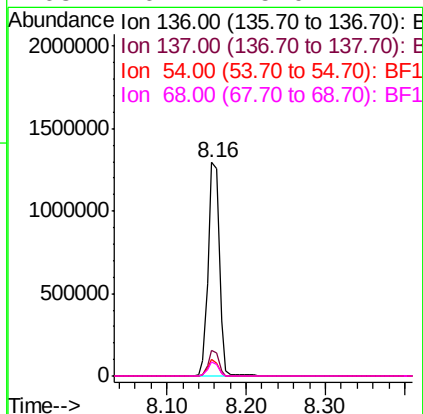
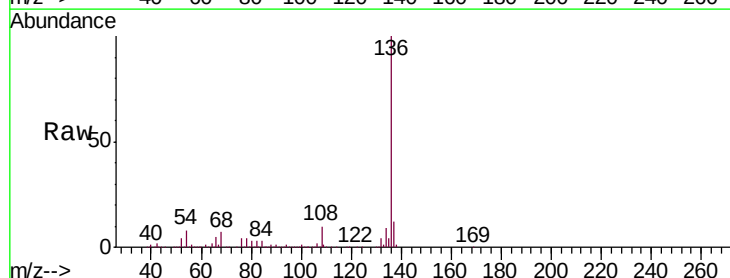
Instrument :
BNA_F
ClientSampleId :
K500-4

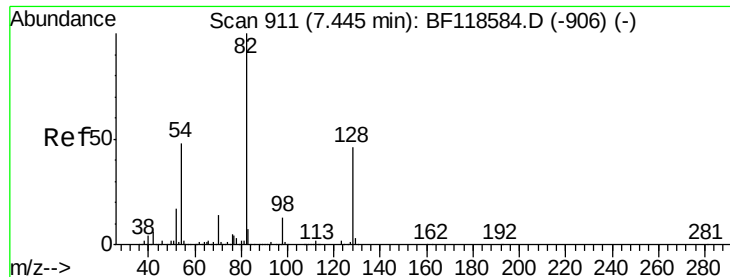
Tgt Ion: 70 Resp: 170542
Ion Ratio Lower Upper
70 100
42 42.8 43.4 65.0#
101 0.0 8.1 12.1#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Tgt Ion: 136 Resp: 1287325
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 7.5 5.8 8.6
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 54.262 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Instrument :

BNA_F

ClientSampleId :

K500-4

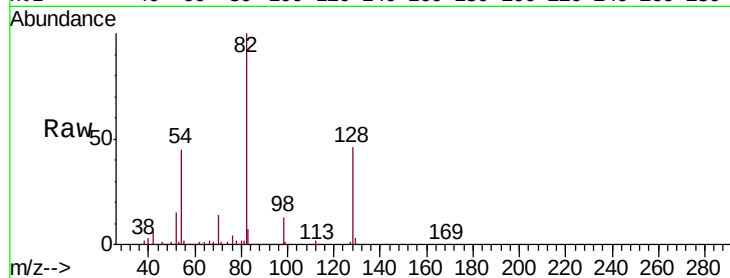
Tgt Ion: 82 Resp: 1248837

Ion Ratio Lower Upper

82 100

128 46.5 36.6 54.8

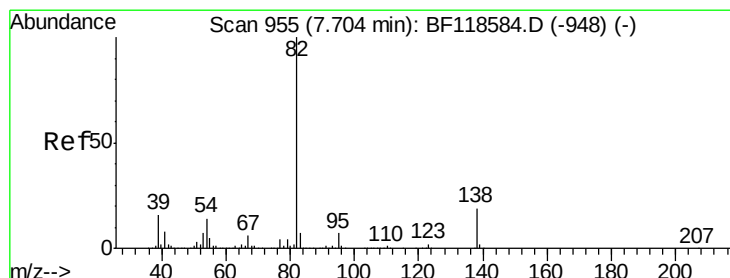
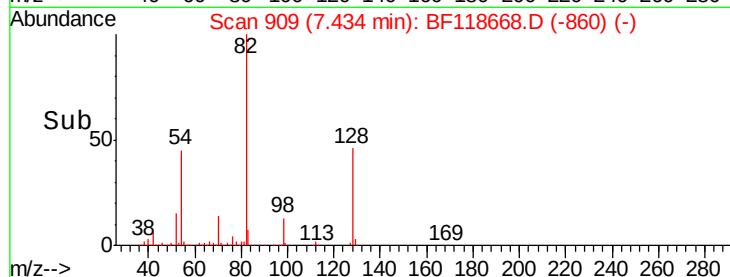
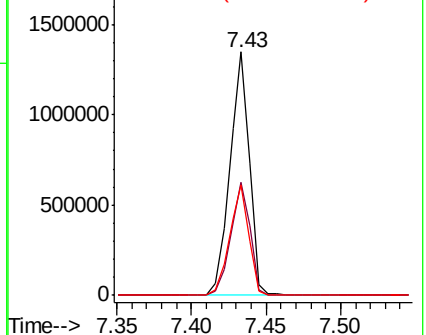
54 45.4 38.0 57.0



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



#25

Isophorone

Concen: 29.754 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

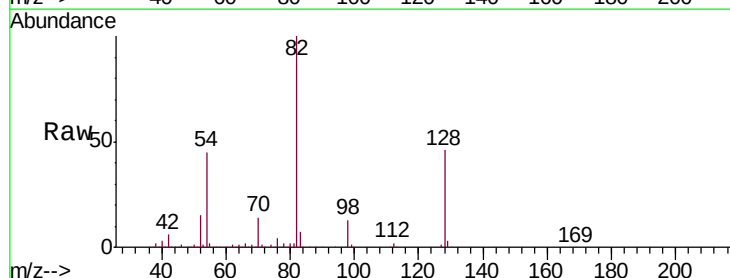
Tgt Ion: 82 Resp: 1249032

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

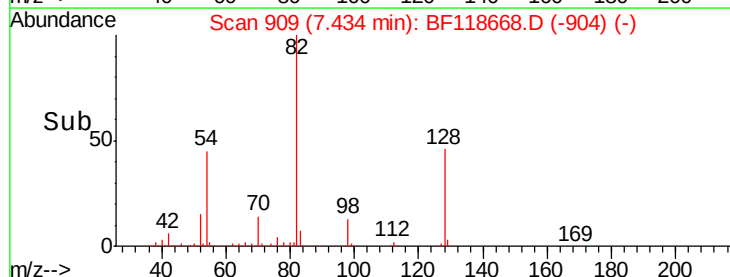
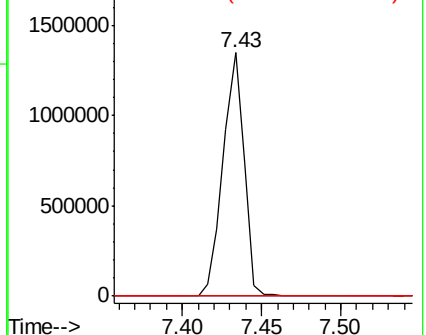
138 0.0 15.3 22.9#

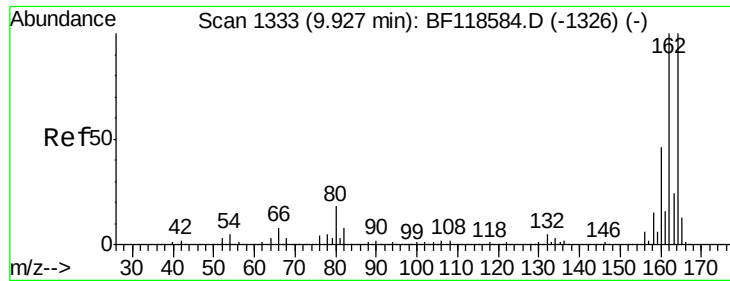


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

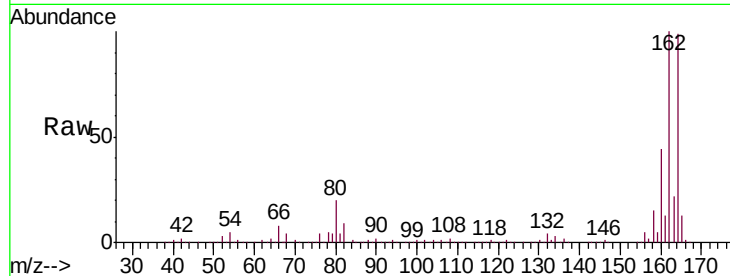




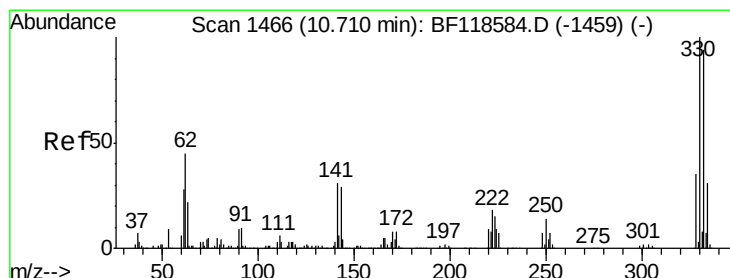
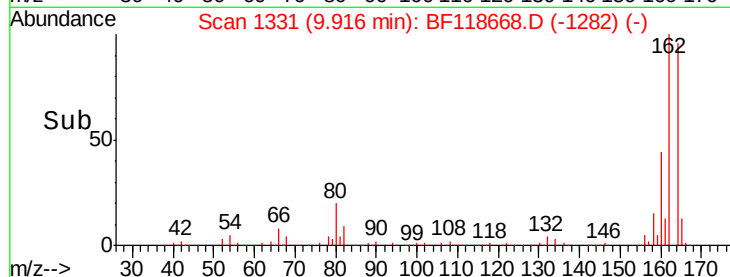
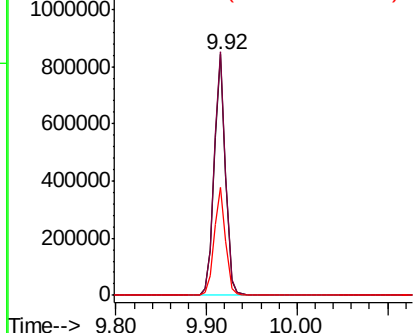
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

Instrument :
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 ClientSampleId :
 K500-4

Tgt Ion:164 Resp: 731649
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.4 120.6
 160 44.7 36.6 55.0

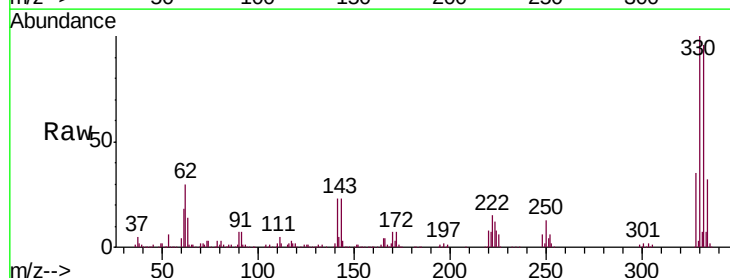


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

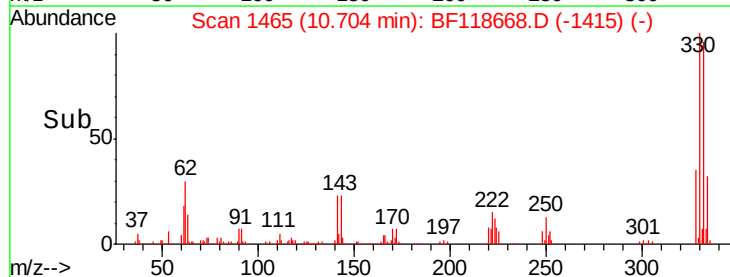
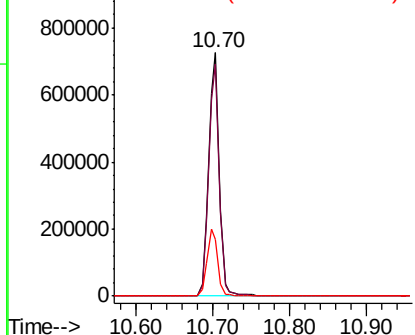


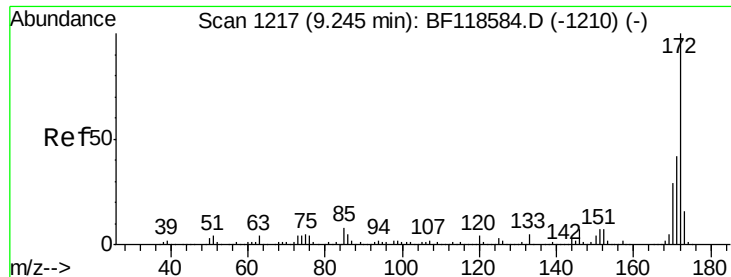
#42
 2,4,6-Tribromophenol
 Concen: 81.688 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

Tgt Ion:330 Resp: 691277
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 27.9 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

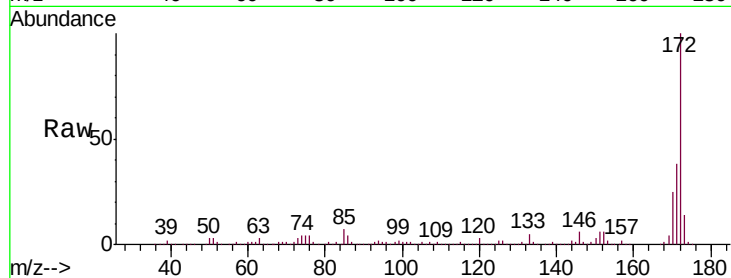




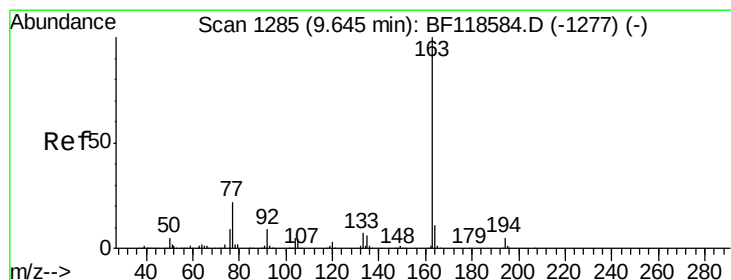
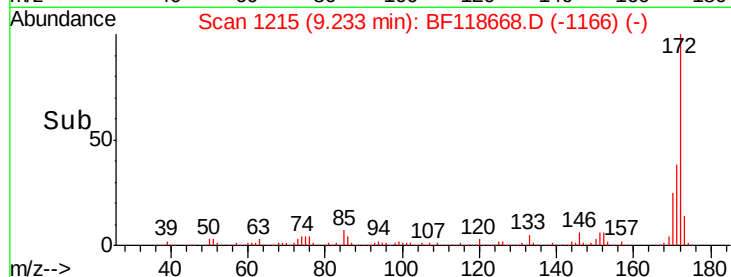
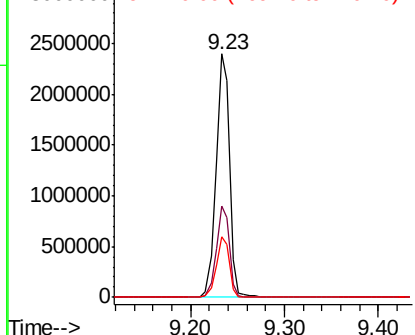
#45
 2-Fluorobiphenyl
 Concen: 54.504 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

Instrument :
 BNA_F
 ClientSampleId :
 K500-4

Tgt Ion:172 Resp: 2426217
 Ion Ratio Lower Upper
 172 100
 171 37.6 33.4 50.2
 170 25.1 23.2 34.8

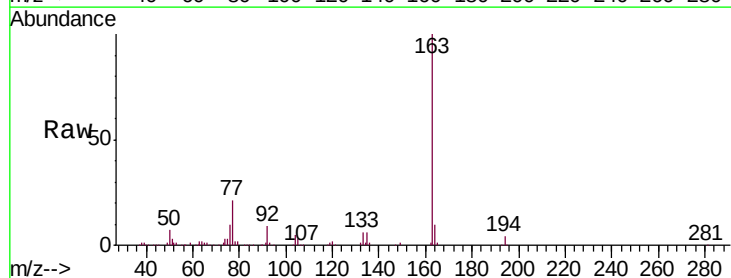


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

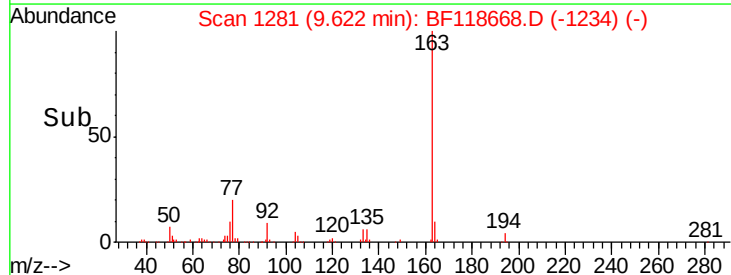
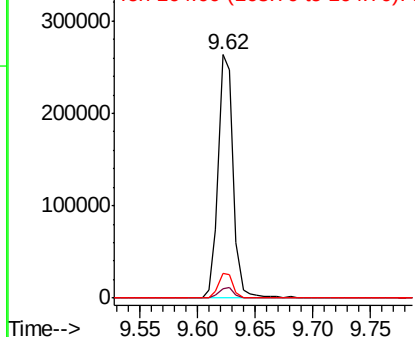


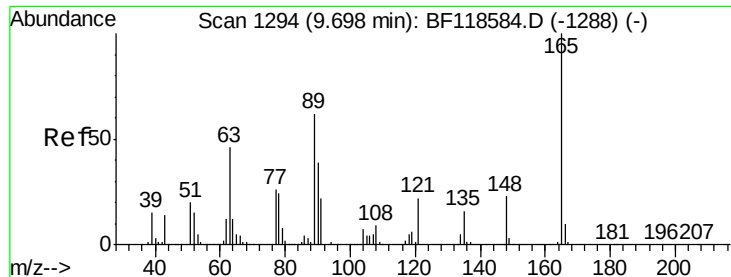
#50
 Dimethylphthalate
 Concen: 5.053 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

Tgt Ion:163 Resp: 240885
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.9 5.9
 164 10.1 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

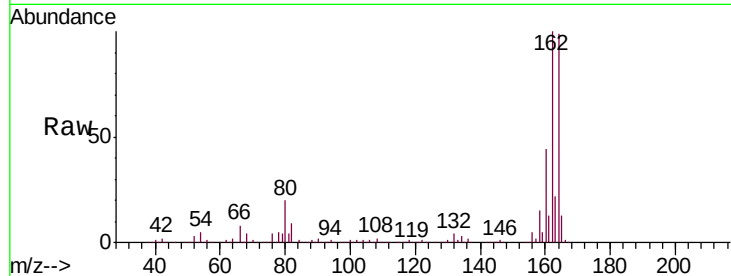




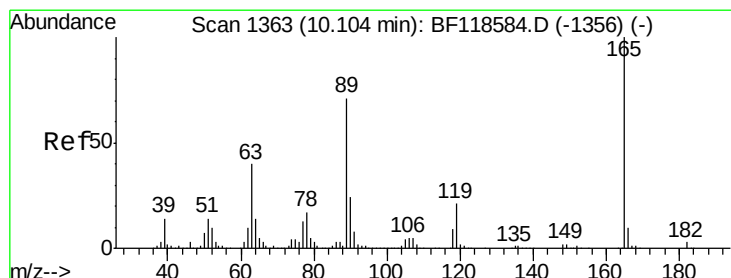
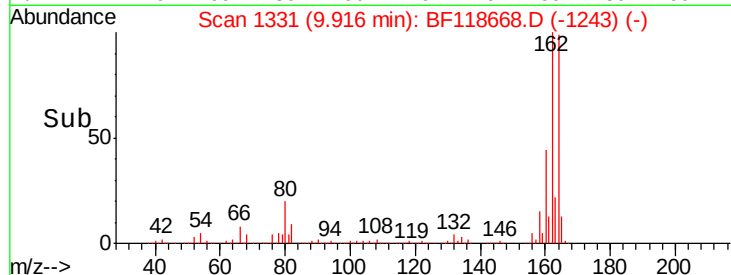
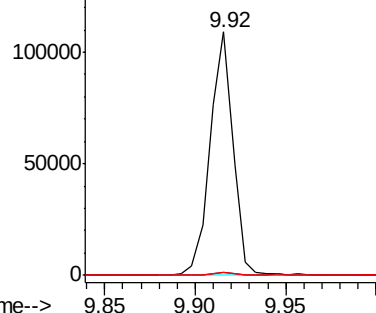
#51
 2,6-Dinitrotoluene
 Concen: 8.981 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.22 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

Instrument :
 BNA_F
 ClientSampleId :
 K500-4

Tgt Ion:	165	Resp:	95865
Ion Ratio	Lower	Upper	
165	100		
63	1.2	48.9	73.3#
89	1.3	49.8	74.6#

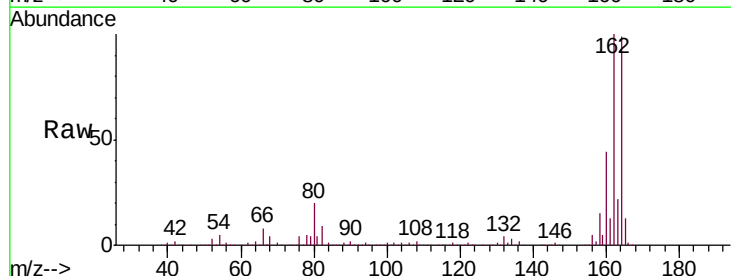


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

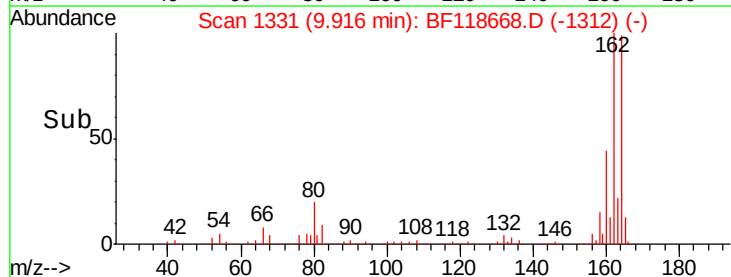
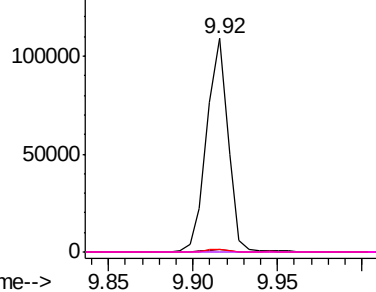


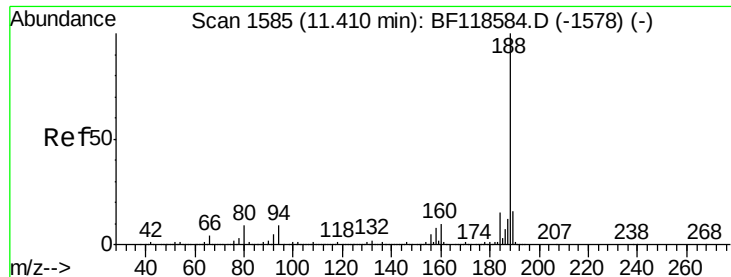
#57
 2,4-Dinitrotoluene
 Concen: 7.124 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

Tgt Ion:	165	Resp:	95866
Ion Ratio	Lower	Upper	
165	100		
63	1.2	32.4	48.6#
89	1.3	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

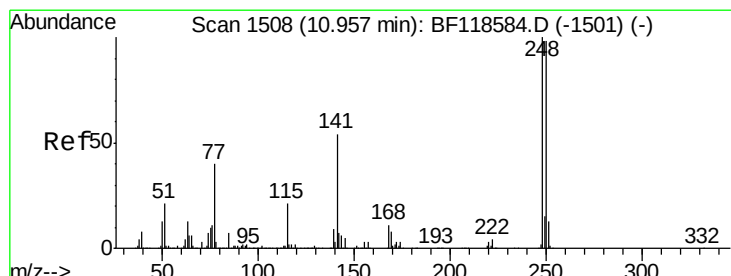
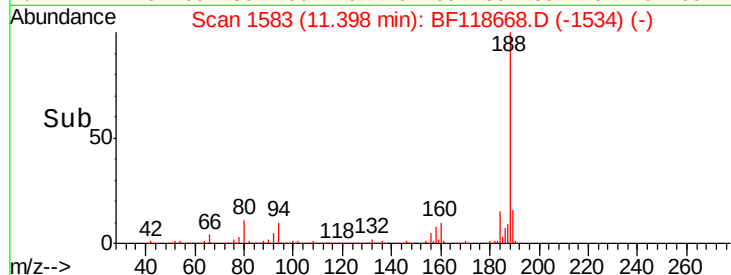
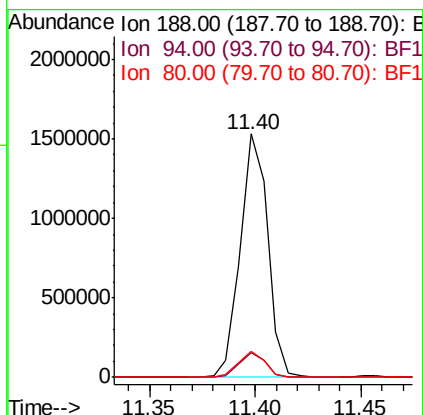
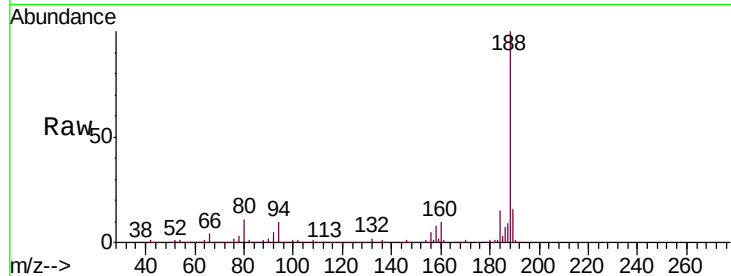




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

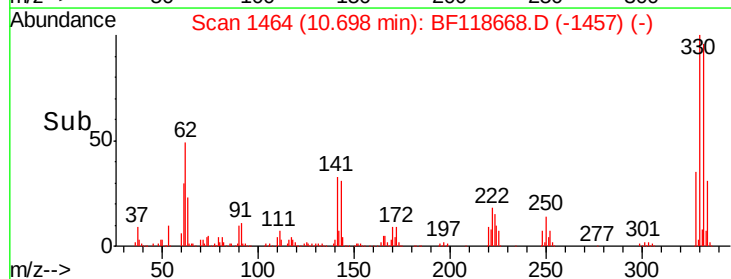
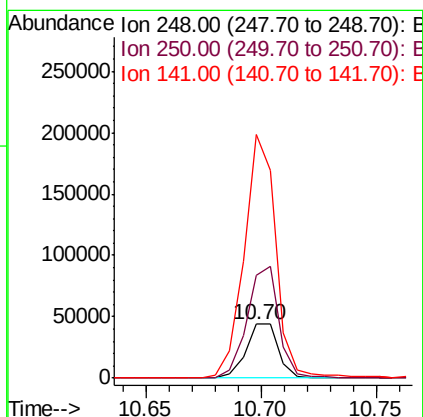
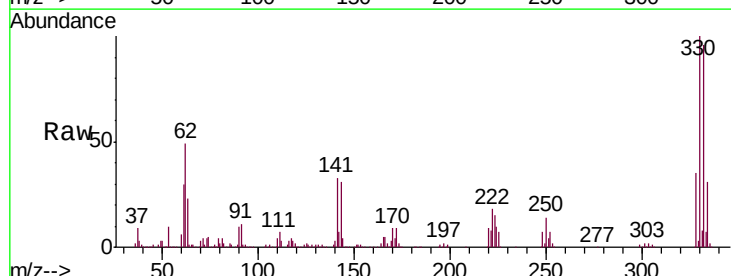
Instrument :
BNA_F
ClientSampleId :
K500-4

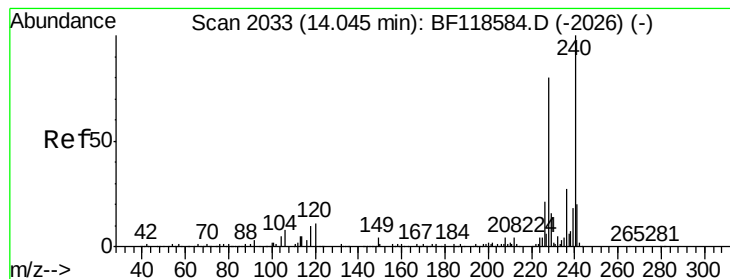
Tgt Ion:188 Resp: 1384640
Ion Ratio Lower Upper
188 100
94 10.1 7.1 10.7
80 10.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.547 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Tgt Ion:248 Resp: 43570
Ion Ratio Lower Upper
248 100
250 190.1 78.7 118.1#
141 450.3 43.2 64.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Instrument :

BNA_F

ClientSampleId :

K500-4

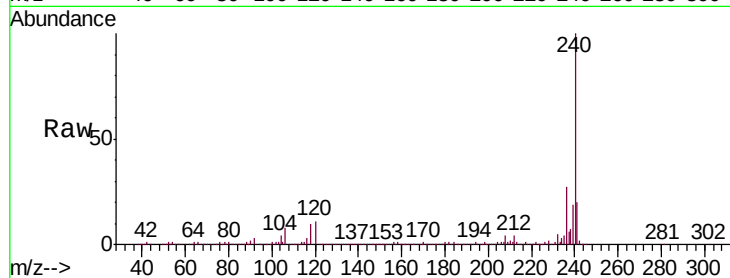
Tgt Ion:240 Resp: 1071769

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

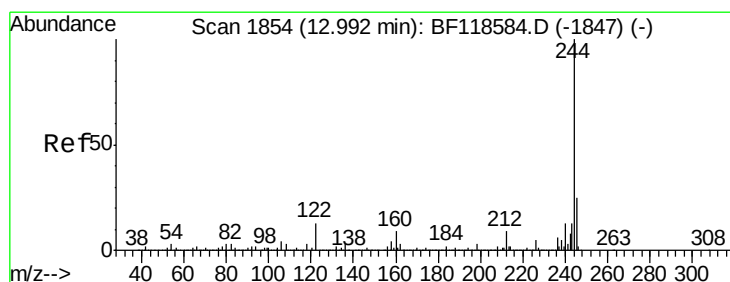
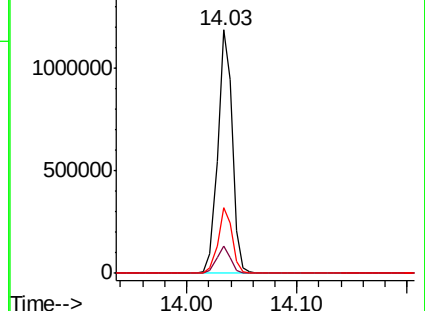
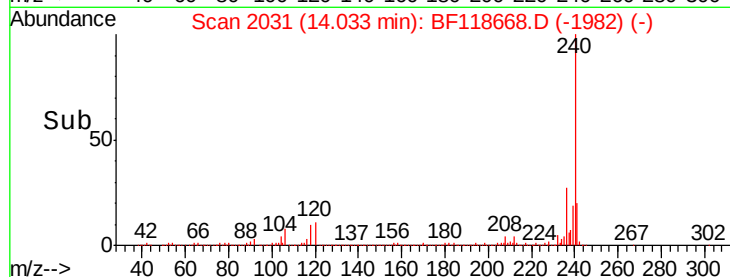
236 26.9 21.5 32.3



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: 60.984 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

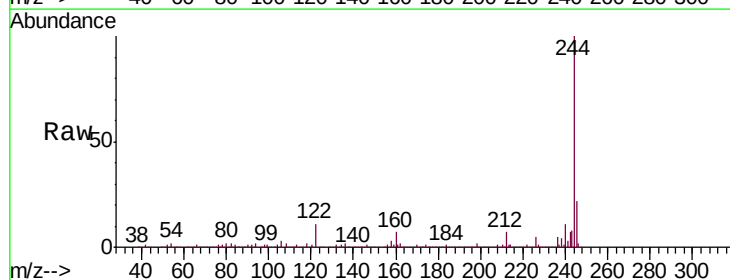
Tgt Ion:244 Resp: 2996707

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

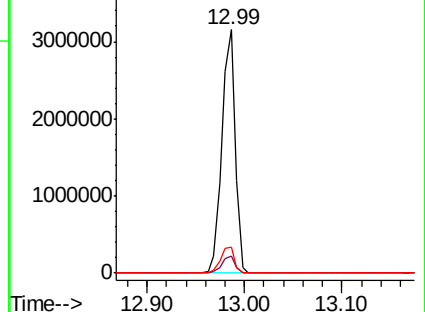
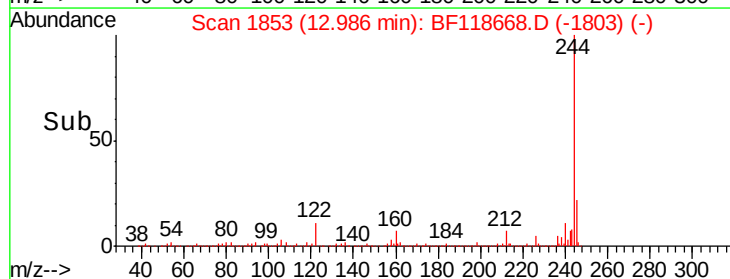
122 10.6 10.7 16.1#

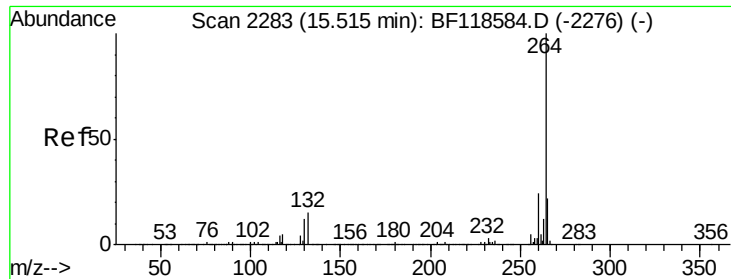


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Instrument :
BNA_F
ClientSampleId :
K500-4

Tgt Ion:264 Resp: 1041076

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.3	17.7	26.5

