

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118435.D
 Acq On : 2 Jan 2020 15:05
 Operator : JU
 Sample : K6462-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K500-3

Quant Time: Jan 02 15:45:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

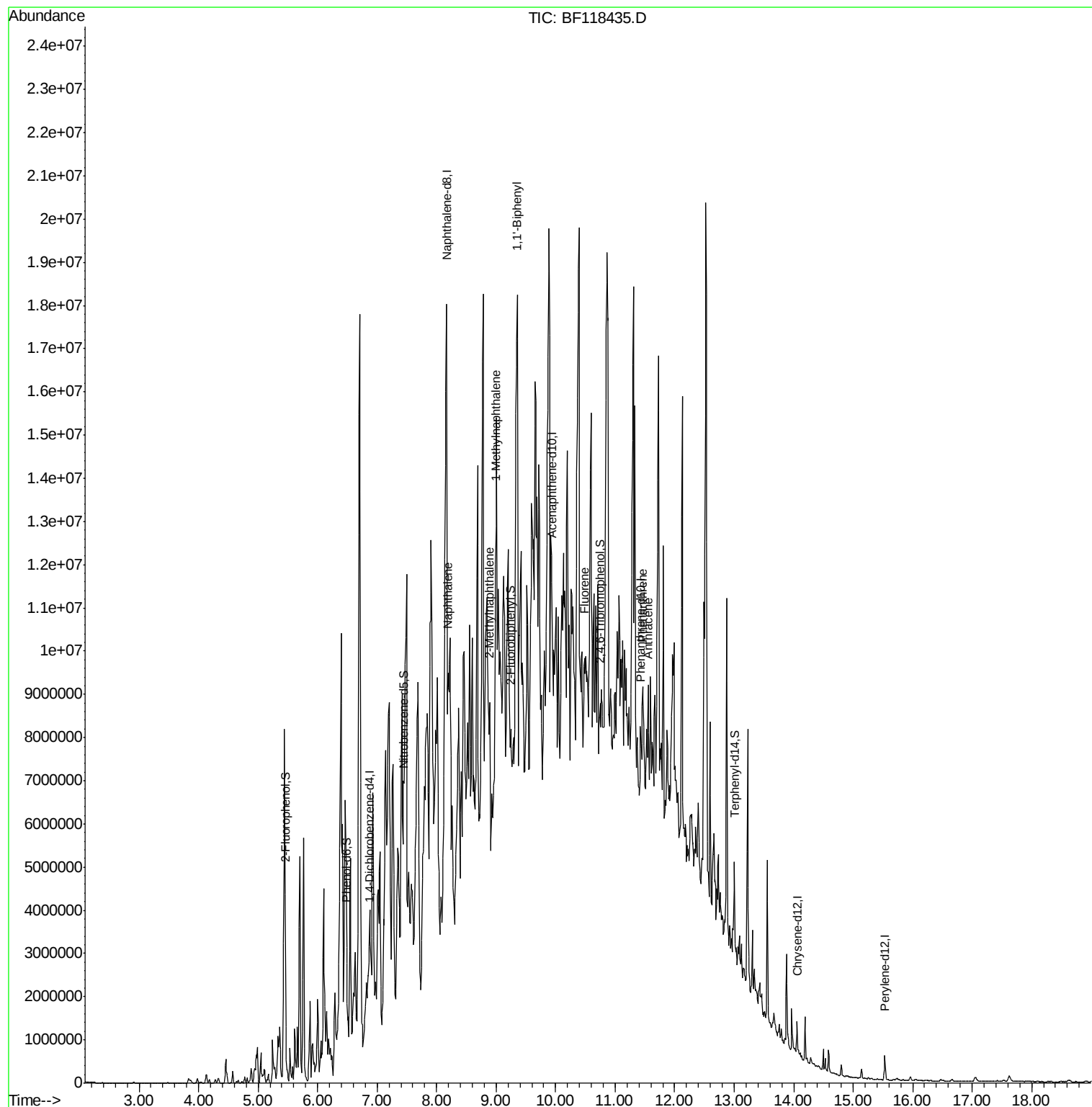
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84780	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	250054	20.00	ng	0.03
39) Acenaphthene-d10	9.94	164	178840	20.00	ng	0.04
64) Phenanthrene-d10	11.43	188	230209	20.00	ng	0.04
76) Chrysene-d12	14.06	240	223161	20.00	ng	0.00
87) Perylene-d12	15.54	264	252619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	366905	73.87	ng	0.00
7) Phenol-d6	6.49	99	503923	81.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	407121	93.12	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	115470	52.28	ng	0.04
45) 2-Fluorobiphenyl	9.25	172	574453	49.03	ng	0.02
79) Terphenyl-d14	13.00	244	588337	43.74	ng	0.02
Target Compounds						
31) Naphthalene	8.19	128	1342799	105.654	ng	Qvalue # 75
37) 2-Methylnaphthalene	8.89	142	1573377	180.814	ng	# 98
38) 1-Methylnaphthalene	8.99	142	959852	117.082	ng	# 93
46) 1,1'-Biphenyl	9.35	154	308405	21.803	ng	# 97
58) Fluorene	10.49	166	181252	14.775	ng	# 61
71) Phenanthrene	11.46	178	221344	17.637	ng	# 83
72) Anthracene	11.54	178	103925	8.273	ng	# 1

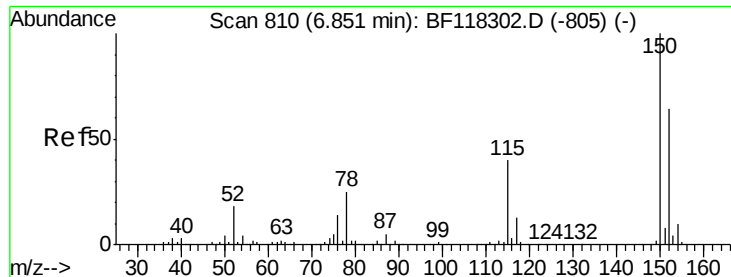
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118435.D
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BNA_F
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Quant Time: Jan 02 15:45:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
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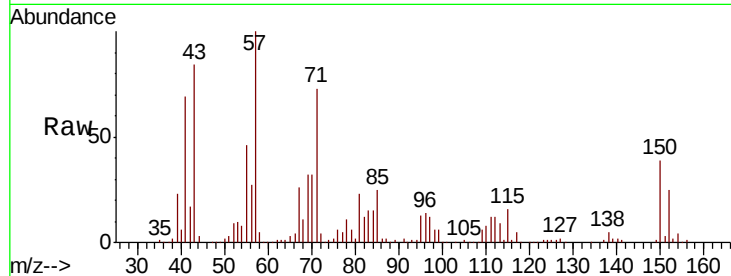


#1

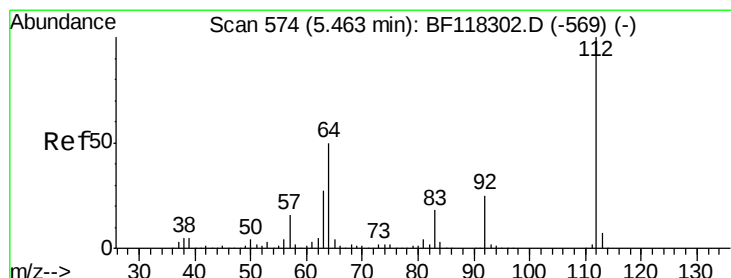
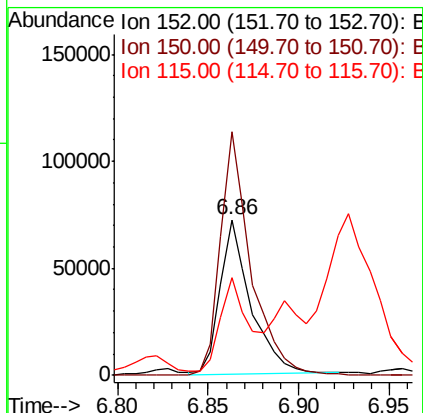
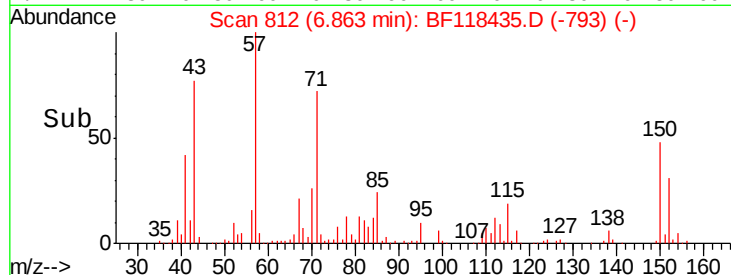
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Instrument :
BNA_F
ClientSampleId :
K500-3

Tot Ion:152 Resp: 84780
Ion Ratio Lower Upper
152 100
150 156.6 125.4 188.2
115 63.2 50.2 75.4



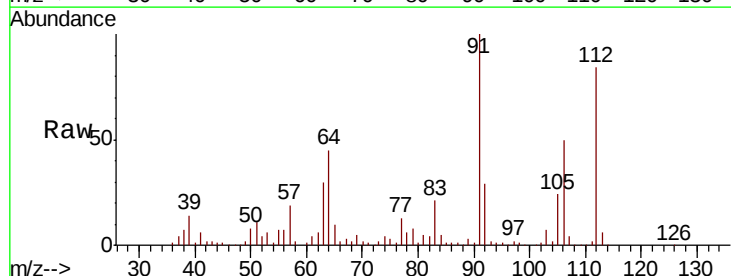
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



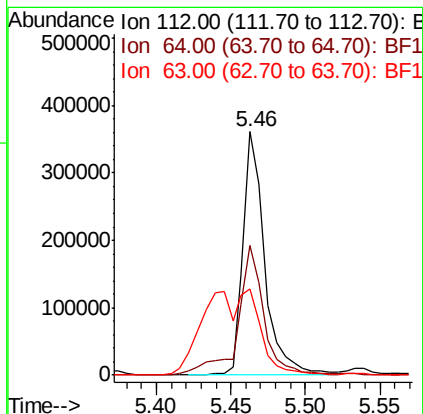
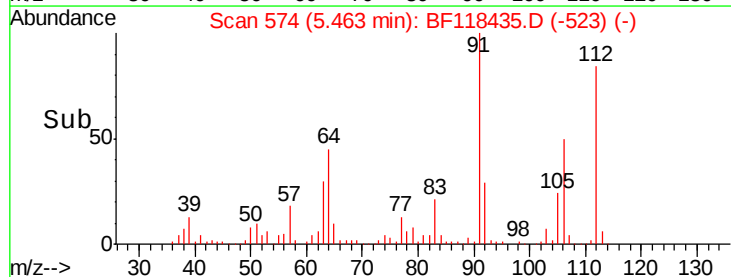
#5

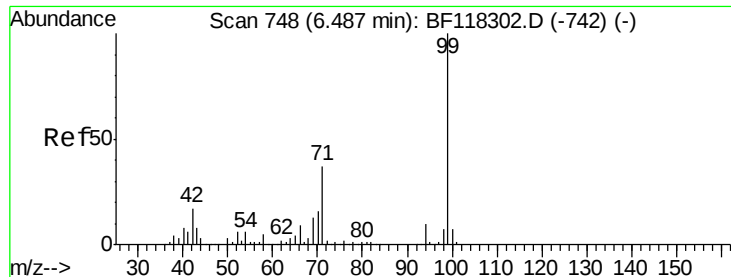
2-Fluorophenol
Concen: 73.874 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Tgt Ion:112 Resp: 366905
Ion Ratio Lower Upper
112 100
64 53.4 39.7 59.5
63 35.2 21.7 32.5#



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: 81.789 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118435.D

Acq: 2 Jan 2020 15:05

Instrument :

BNA_F

ClientSampled :

K500-3

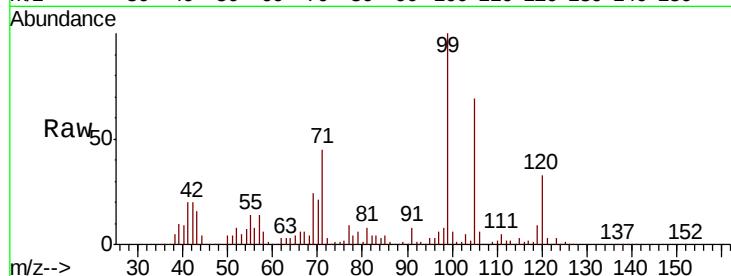
Tot Ion: 99 Resp: 503923

Ion Ratio Lower Upper

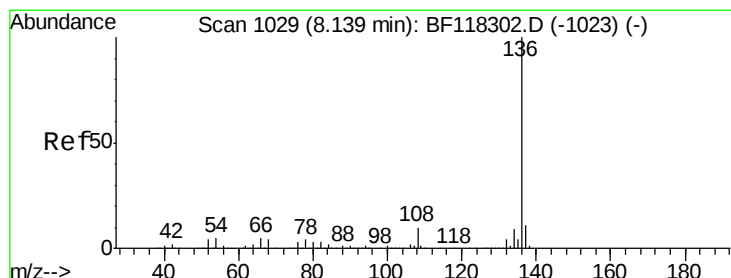
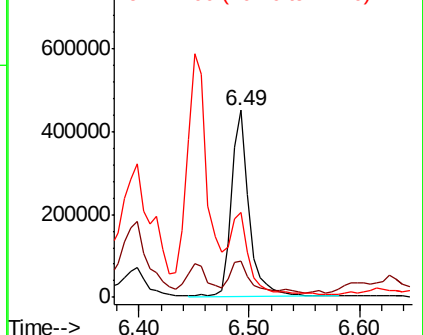
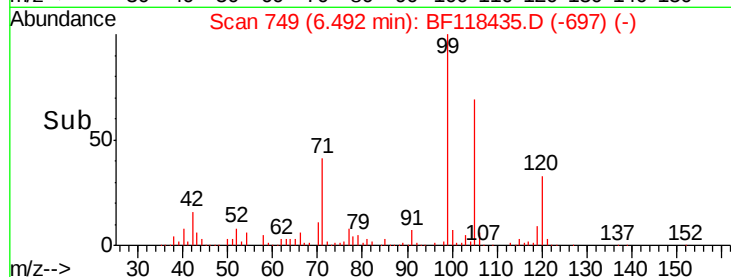
99 100

42 19.6 13.5 20.3

71 45.4 29.4 44.2#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.03 min

Lab File: BF118435.D

Acq: 2 Jan 2020 15:05

Tgt Ion: 136 Resp: 250054

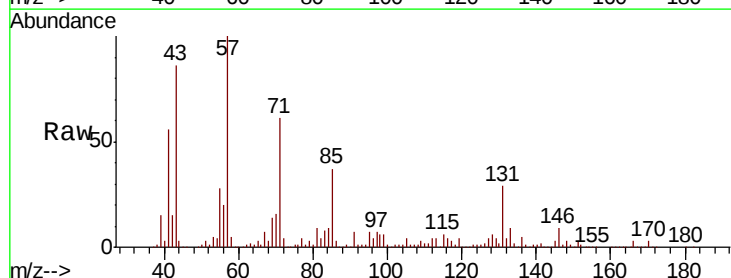
Ion Ratio Lower Upper

136 100

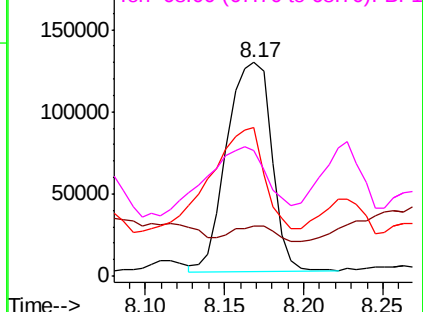
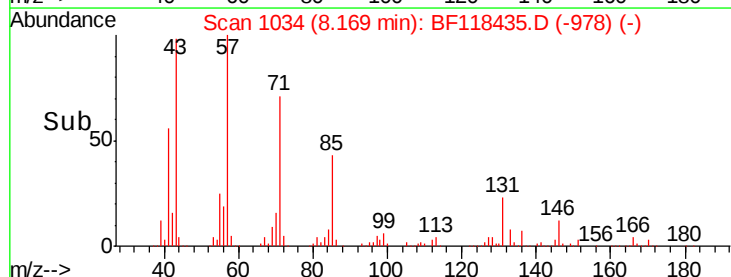
137 23.3 8.9 13.3#

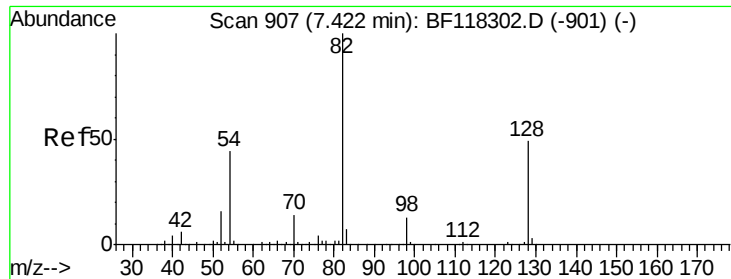
54 69.5 4.2 6.4#

68 59.0 3.5 5.3#



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

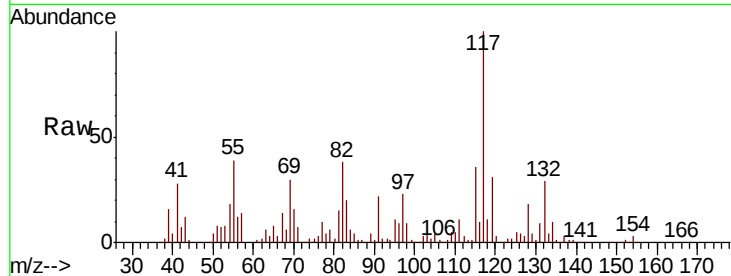




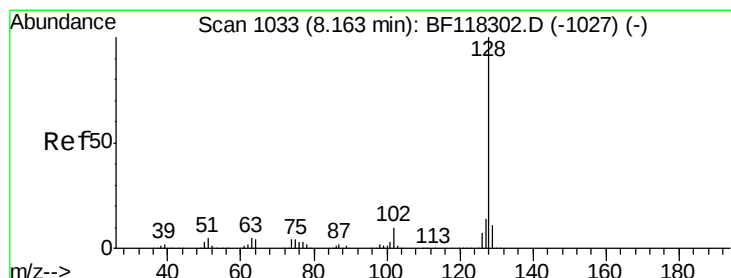
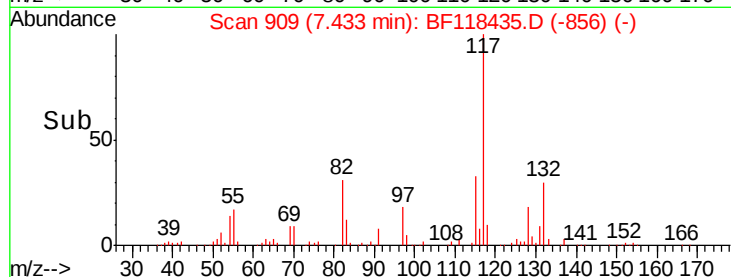
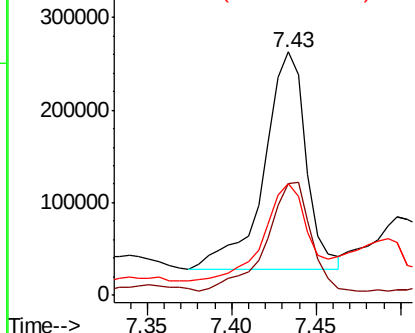
#23
Nitrobenzene-d5
Concen: 93.121 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Instrument :
BNA_F
ClientSampleId :
K500-3

Tot Ion: 82 Resp: 407121
Ion Ratio Lower Upper
82 100
128 46.2 39.6 59.4
54 45.8 34.9 52.3

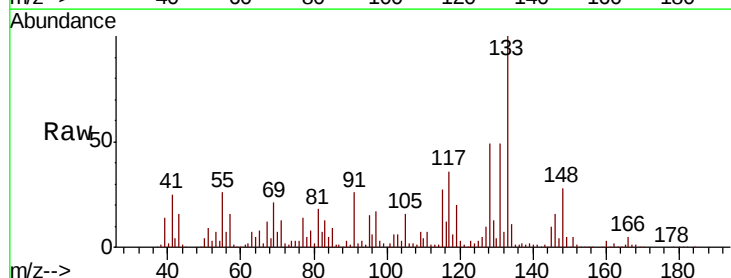


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

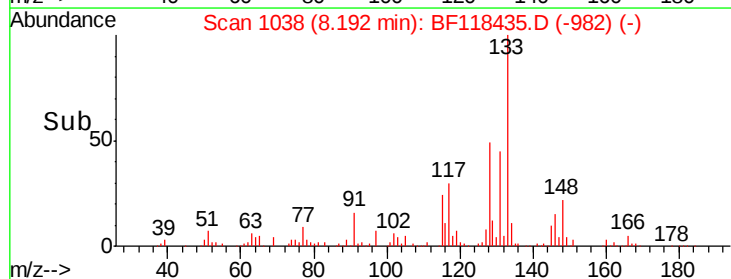
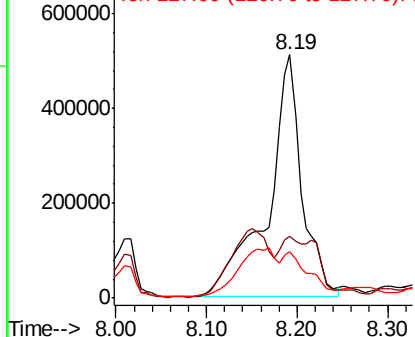


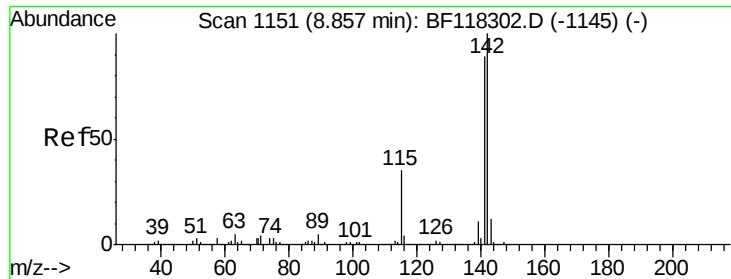
#31
Naphthalene
Concen: 105.654 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.03 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Tgt Ion: 128 Resp: 1342799
Ion Ratio Lower Upper
128 100
129 25.5 9.0 13.4#
127 19.3 11.0 16.4#



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

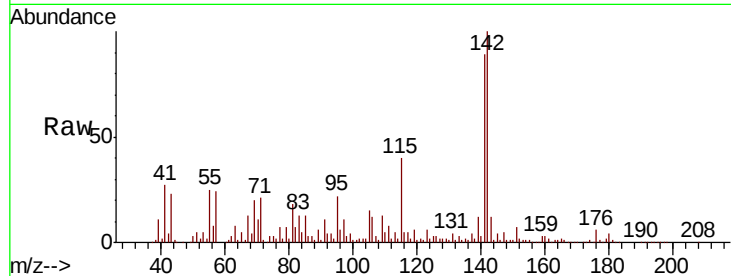




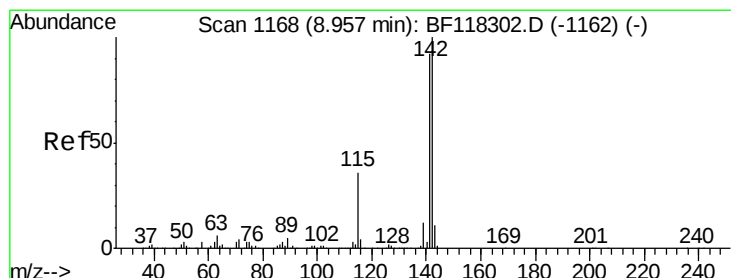
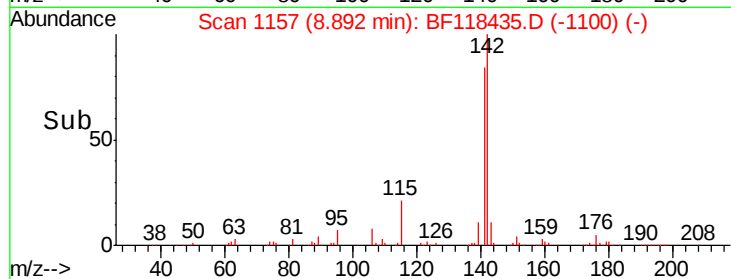
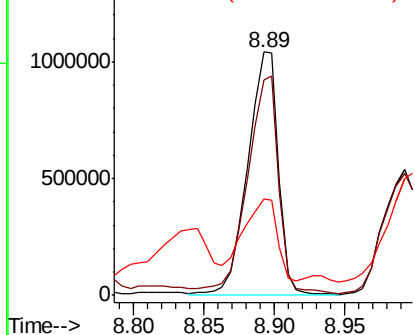
#37
2-Methylnaphthalene
Concen: 180.814 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.04 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Instrument :
BNA_F
ClientSampleId :
K500-3

Tot Ion:142 Resp: 1573377
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
115 39.6 28.0 42.0

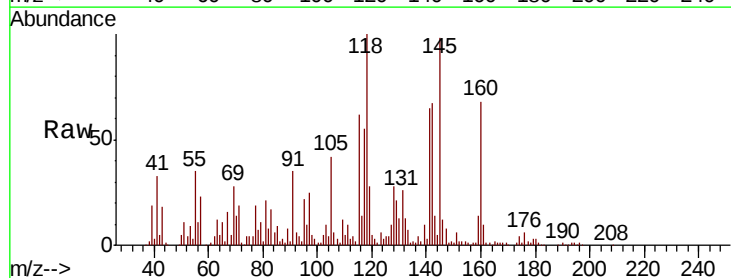


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

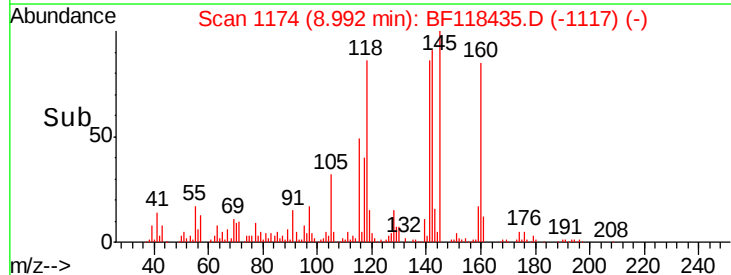
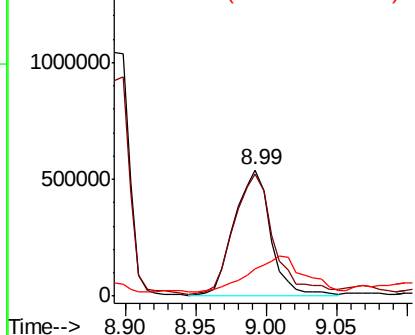


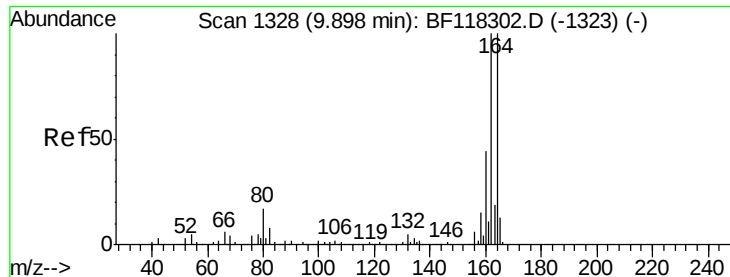
#38
1-Methylnaphthalene
Concen: 117.082 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.04 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Tgt Ion:142 Resp: 959852
Ion Ratio Lower Upper
142 100
141 97.1 73.4 110.2
116 21.3 2.9 4.3#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF118435.D

Acq: 2 Jan 2020 15:05

Instrument :

BNA_F

ClientSampleId :

K500-3

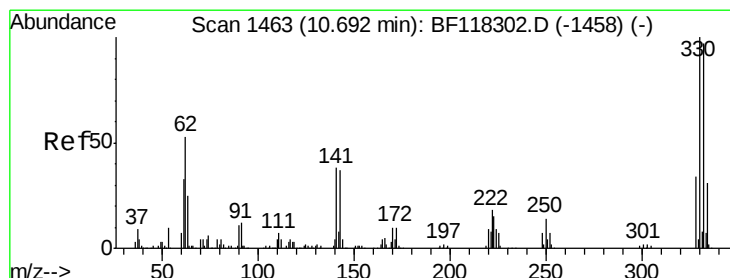
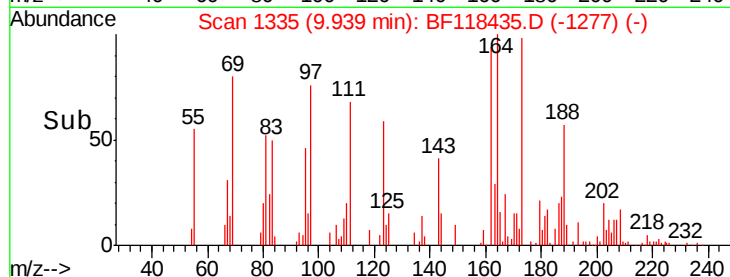
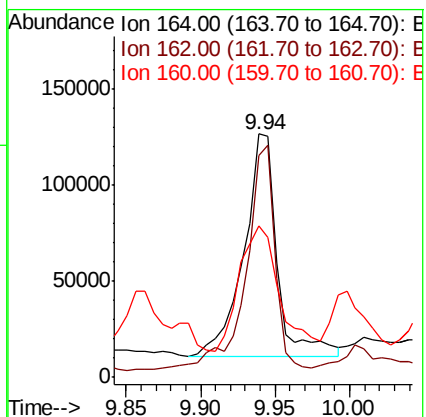
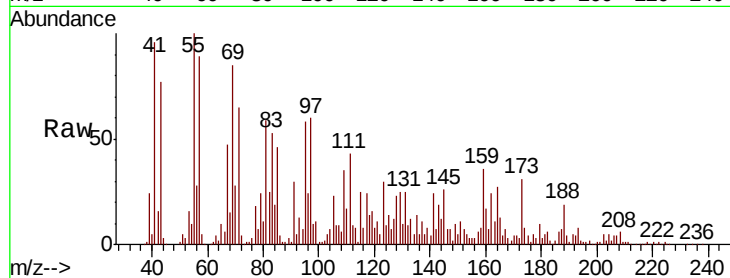
Tot Ion:164 Resp: 178840

Ion Ratio Lower Upper

164 100

162 91.2 80.0 120.0

160 62.2 34.8 52.2#



#42

2,4,6-Tribromophenol

Concen: 52.283 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.04 min

Lab File: BF118435.D

Acq: 2 Jan 2020 15:05

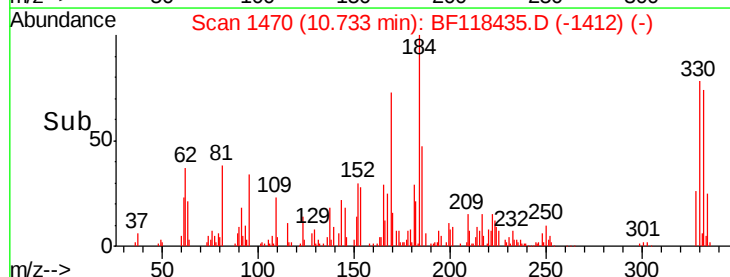
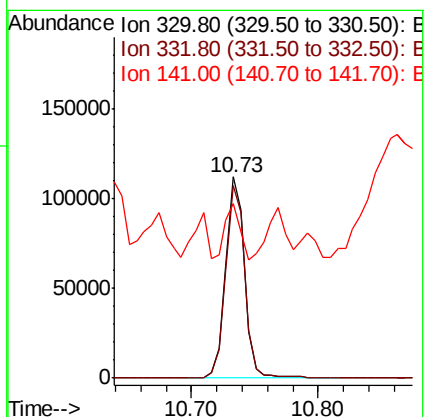
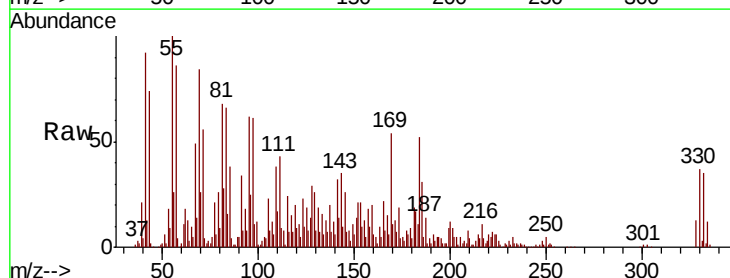
Tgt Ion:330 Resp: 115470

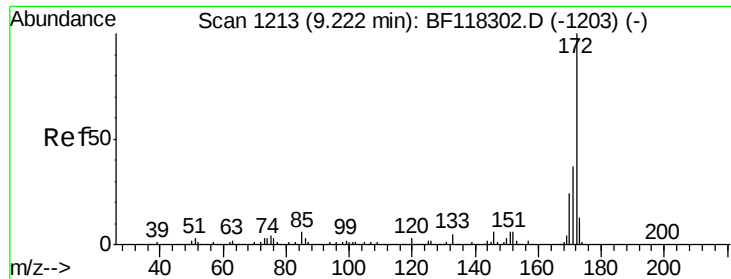
Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

141 21.9 26.0 39.0#

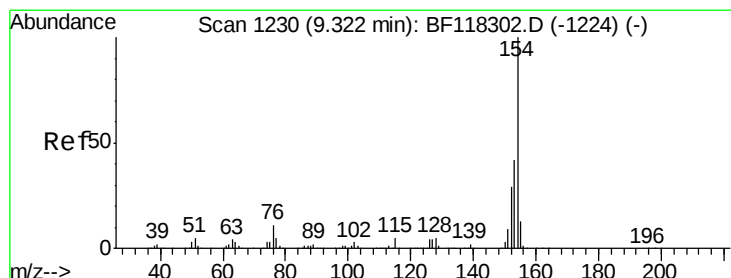
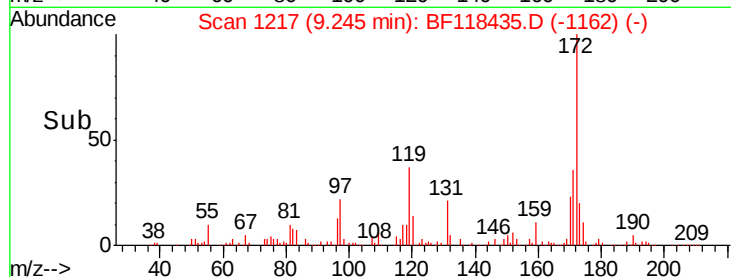
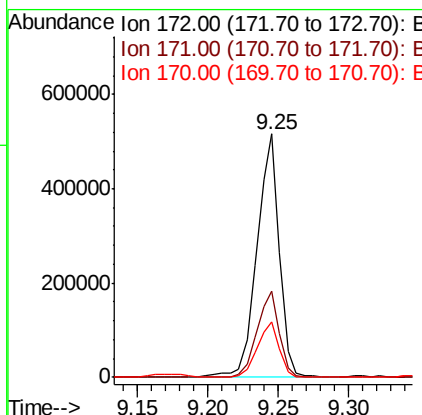
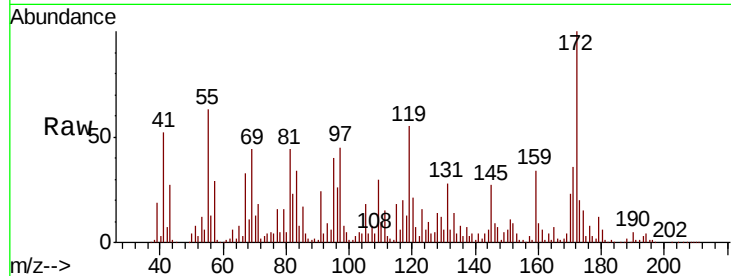




#45
 2-Fluorobiphenyl
 Concen: 49.032 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.02 min
 Lab File: BF118435.D
 Acq: 2 Jan 2020 15:05

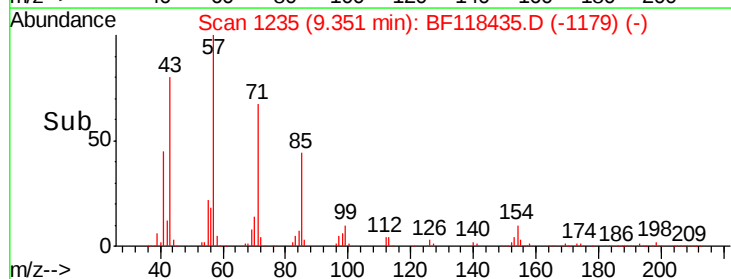
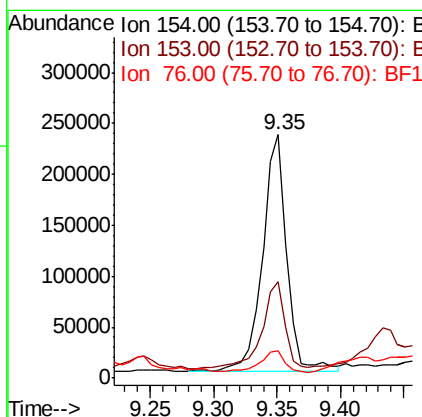
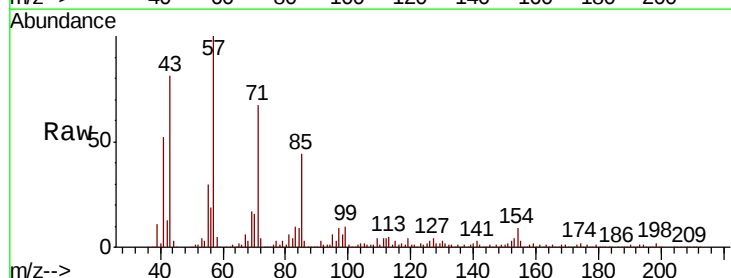
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 K500-3

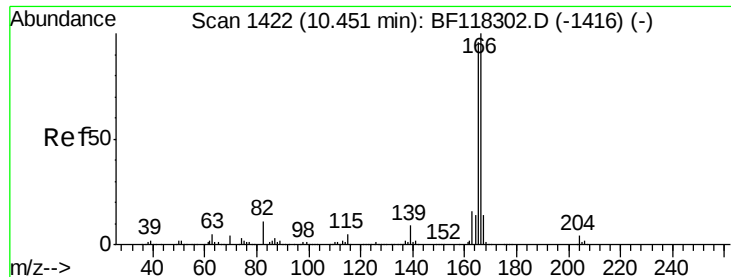
Tot Ion:172 Resp: 574453
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.3 43.9
 170 23.0 19.2 28.8



#46
 1,1'-Biphenyl
 Concen: 21.803 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.03 min
 Lab File: BF118435.D
 Acq: 2 Jan 2020 15:05

Tgt Ion:154 Resp: 308405
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.8 61.8
 76 11.0 0.0 30.9

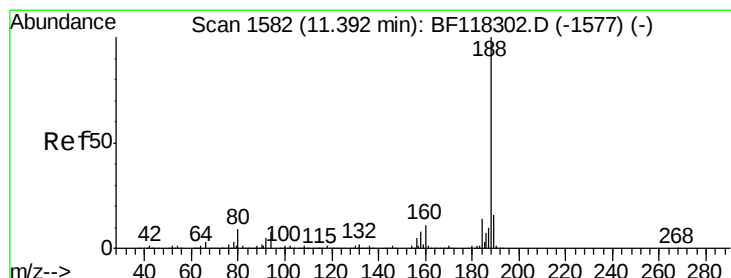
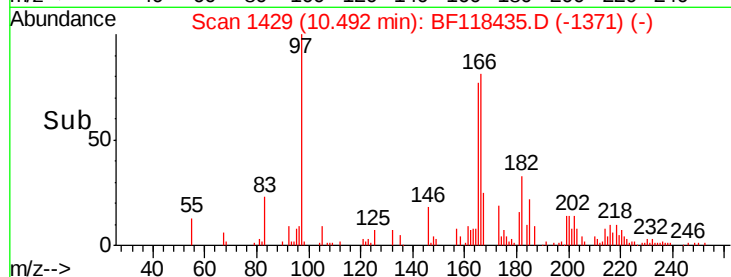
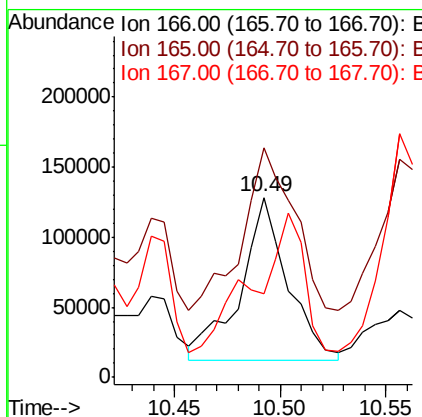
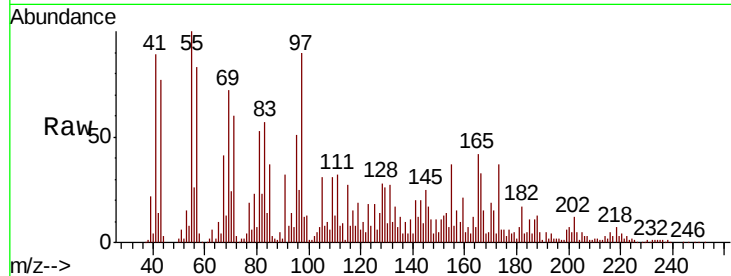




#58
 Fluorene
 Concen: 14.775 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.04 min
 Lab File: BF118435.D
 Acq: 2 Jan 2020 15:05

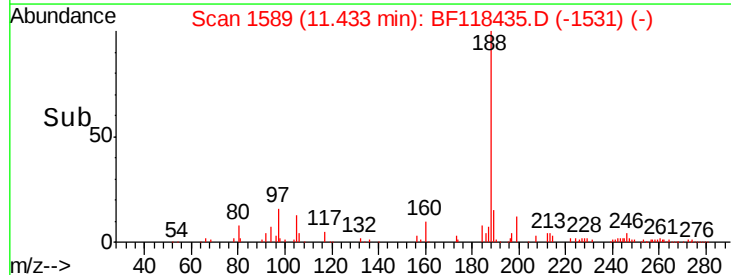
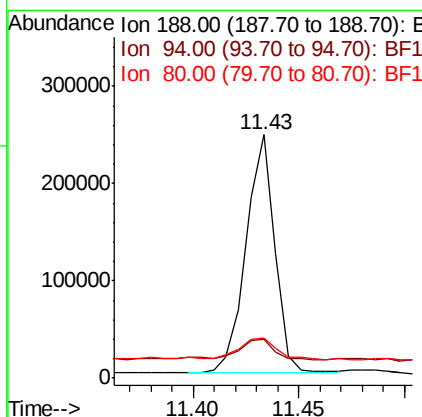
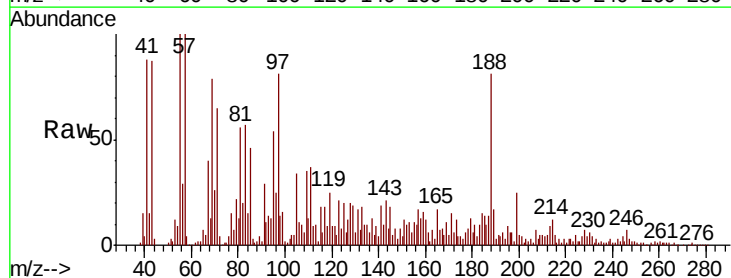
Instrument :
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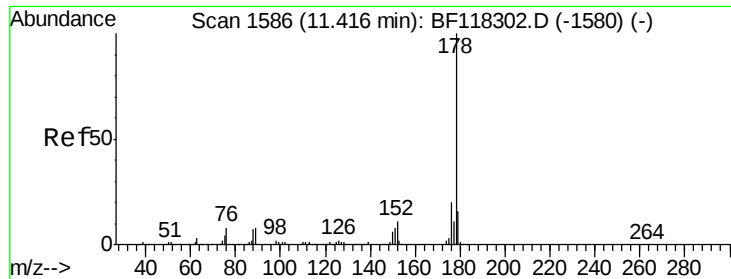
Tot Ion:166 Resp: 181252
 Ion Ratio Lower Upper
 166 100
 165 127.9 77.0 115.4#
 167 46.8 10.9 16.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.04 min
 Lab File: BF118435.D
 Acq: 2 Jan 2020 15:05

Tgt Ion:188 Resp: 230209
 Ion Ratio Lower Upper
 188 100
 94 15.7 6.7 10.1#
 80 16.6 7.2 10.8#

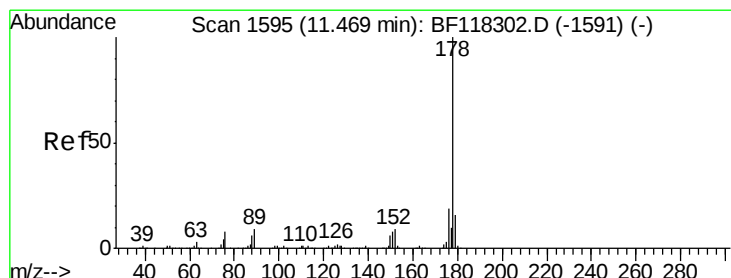
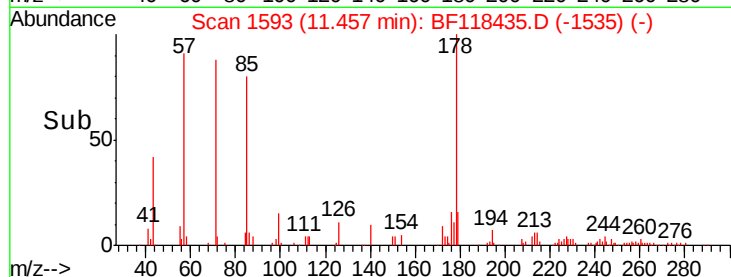
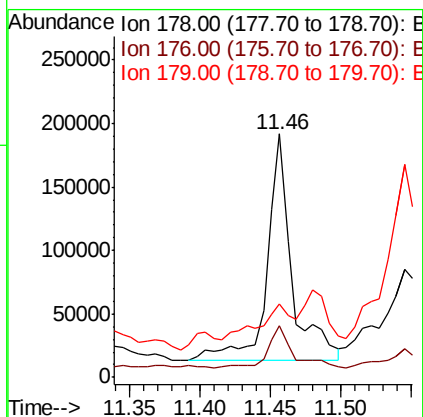
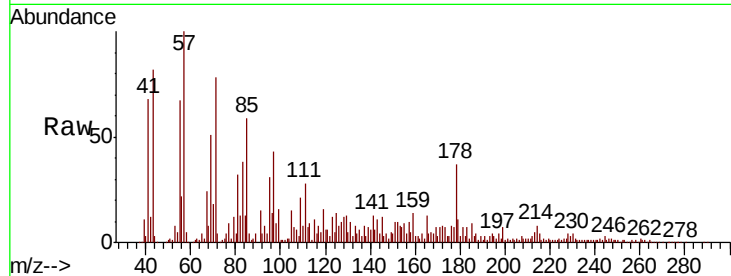




#71
Phenanthrene
Concen: 17.637 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.04 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

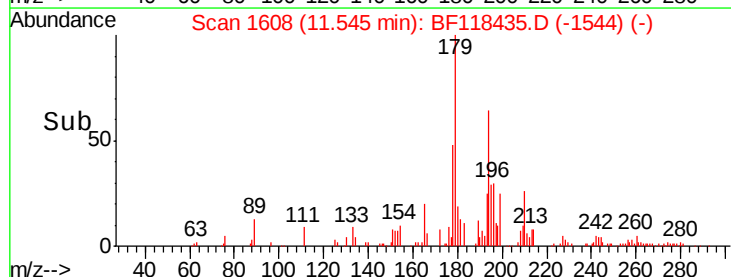
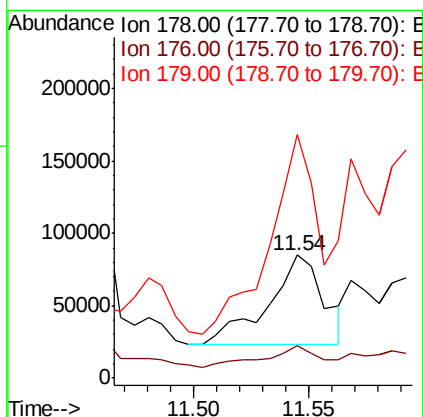
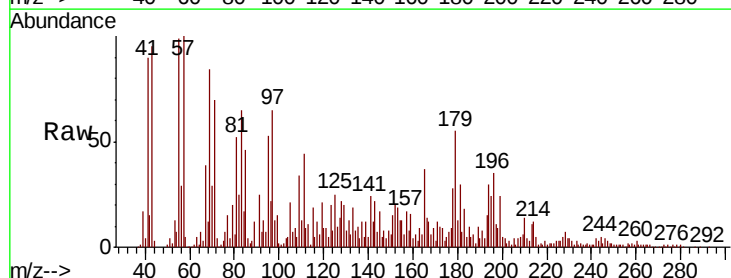
Instrument :
BNA_F
ClientSampleId :
K500-3

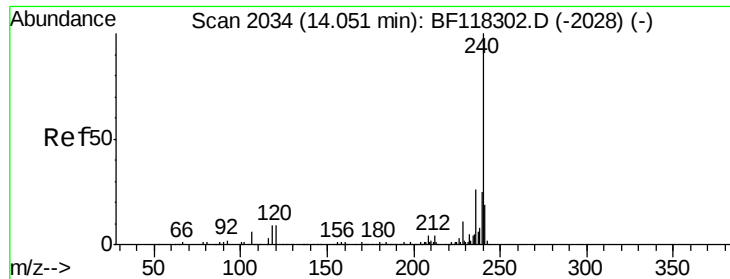
Tot Ion:178 Resp: 221344
Ion Ratio Lower Upper
178 100
176 21.2 15.6 23.4
179 30.0 12.6 19.0#



#72
Anthracene
Concen: 8.273 ng
RT: 11.54 min Scan# 1608
Delta R.T. 0.08 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Tgt Ion:178 Resp: 103925
Ion Ratio Lower Upper
178 100
176 26.0 15.2 22.8#
179 197.6 12.9 19.3#

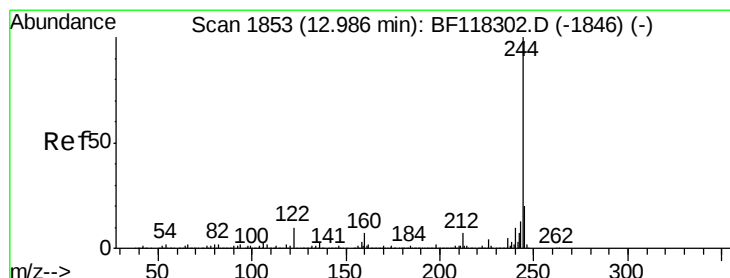
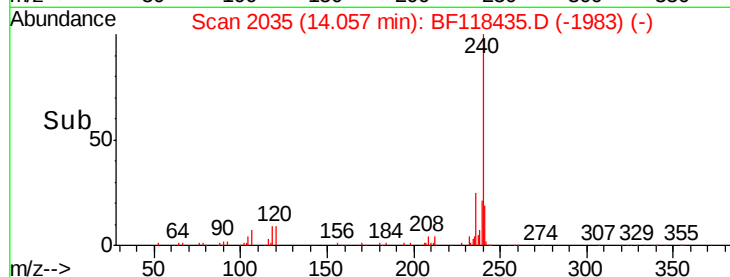
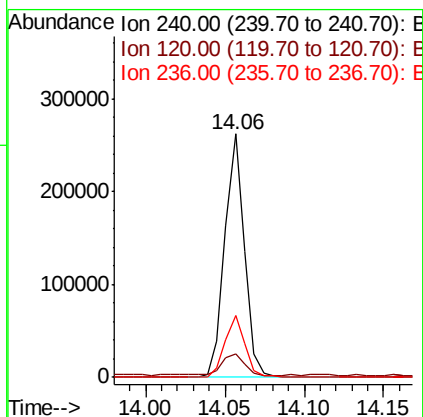
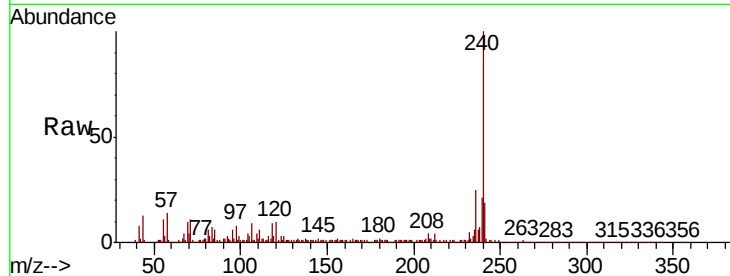




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118435.D
 Acq: 2 Jan 2020 15:05

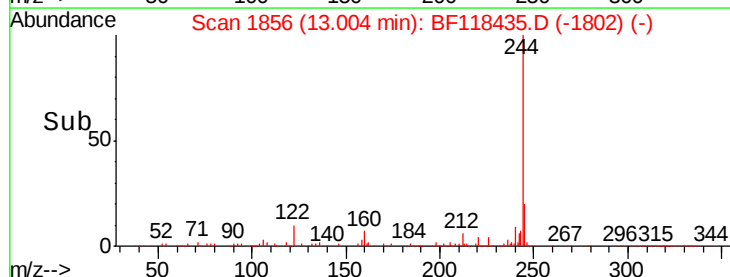
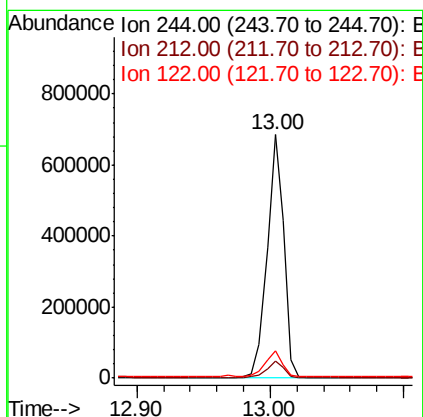
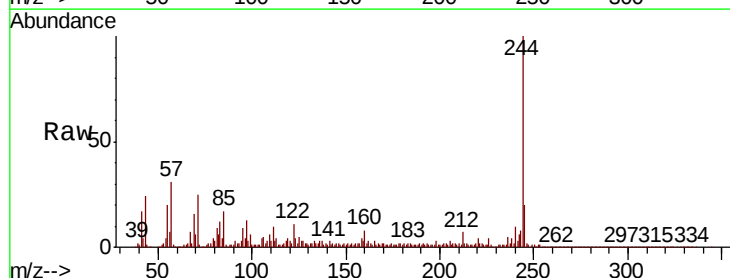
Instrument :
 BNA_F
 ClientSampleId :
 K500-3

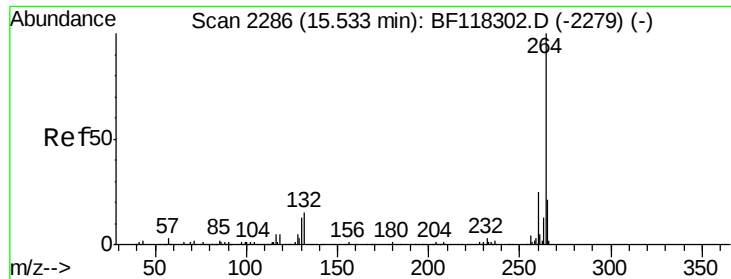
Tot Ion:240 Resp: 223161
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.1 10.7
 236 25.2 21.0 31.6



#79
 Terphenyl-d14
 Concen: 43.738 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.02 min
 Lab File: BF118435.D
 Acq: 2 Jan 2020 15:05

Tgt Ion:244 Resp: 588337
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.0 7.8 11.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118435.D
Acq: 2 Jan 2020 15:05

Instrument :
BNA_F
ClientSampleId :
K500-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	20.6	17.0	25.4

