

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118666.D
 Acq On : 22 Jan 2020 16:29
 Operator : CG/JU
 Sample : L1214-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K500-2

Quant Time: Jan 23 09:49:31 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

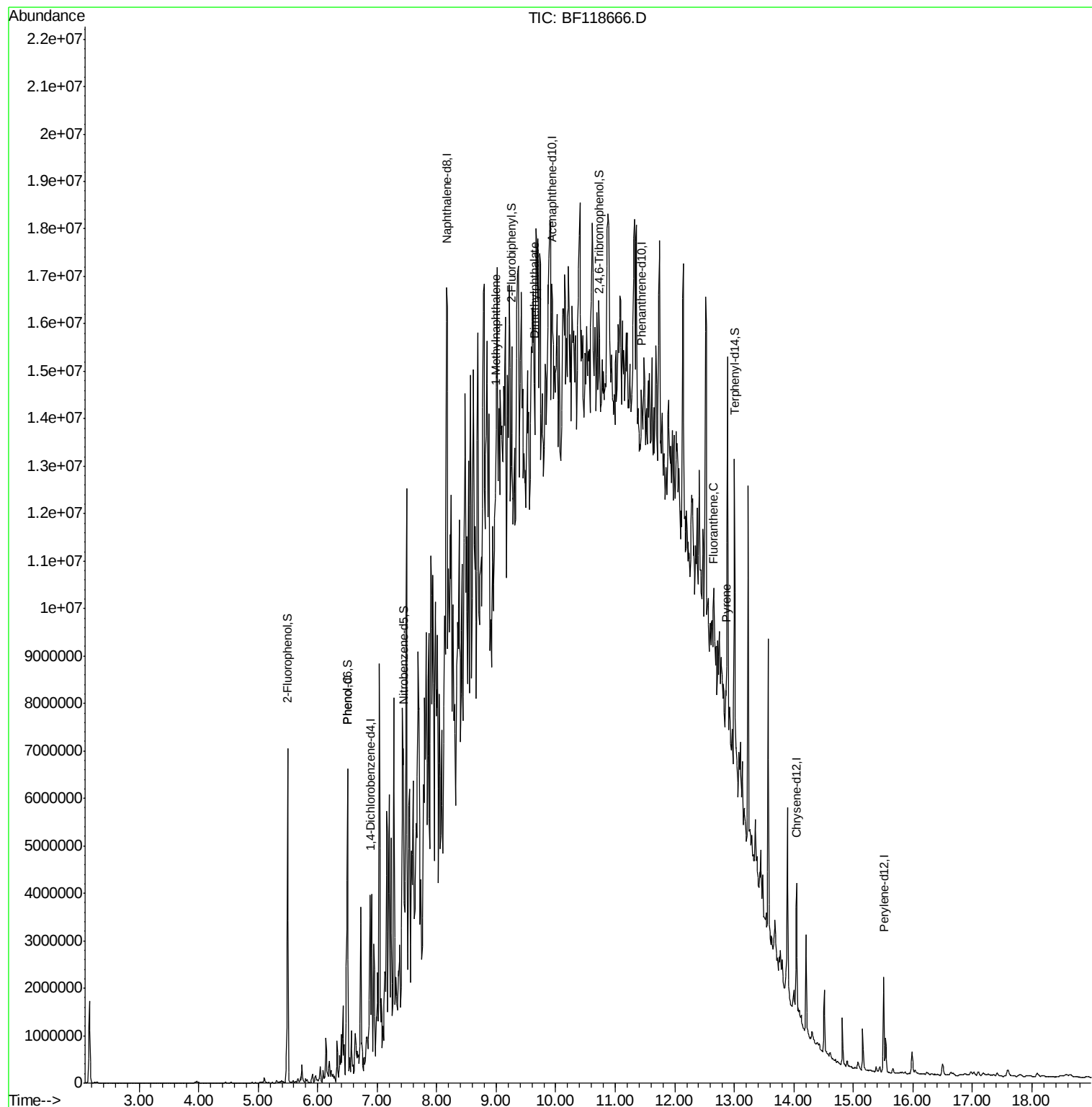
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	383236	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	590206	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	412081	20.00	ng	0.02
64) Phenanthrene-d10	11.43	188	802754	20.00	ng	0.02
76) Chrysene-d12	14.04	240	884594	20.00	ng	0.00
87) Perylene-d12	15.51	264	984284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2039469	98.84	ng	0.00
7) Phenol-d6	6.50	99	2538801	94.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	1687078	159.88	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	602608	126.43	ng	0.03
45) 2-Fluorobiphenyl	9.26	172	2128137	84.88	ng	0.01
79) Terphenyl-d14	13.00	244	2712034	66.87	ng	0.01
Target Compounds						
10) Phenol	6.51	94	182335	5.966	ng	88
38) 1-Methylnaphthalene	8.99	142	350384	19.597	ng	# 90
50) Dimethylphthalate	9.65	163	228150	8.498	ng	# 75
75) Fluoranthene	12.64	202	106549	2.608	ng	85
78) Pyrene	12.86	202	239207	3.983	ng	93

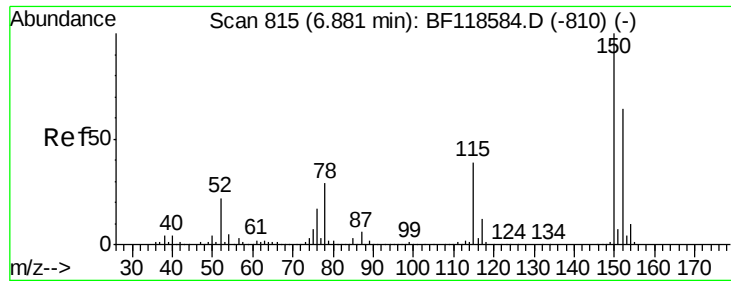
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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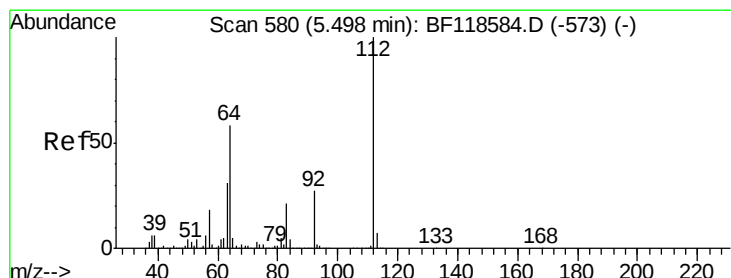
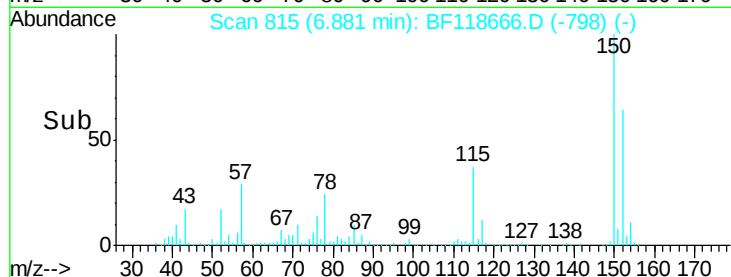
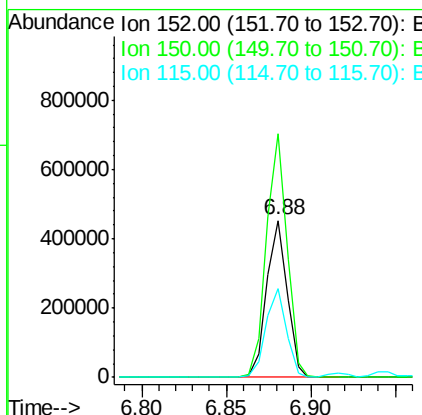
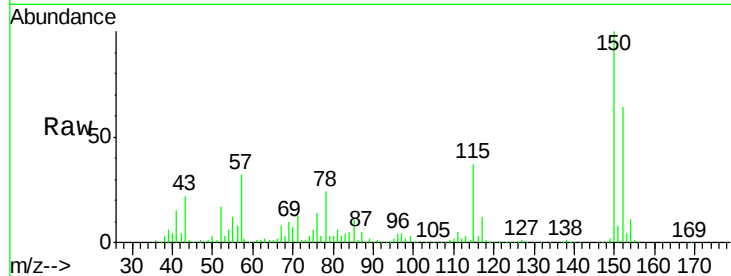


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Instrument :
BNA_F
ClientSampleId :
K500-2

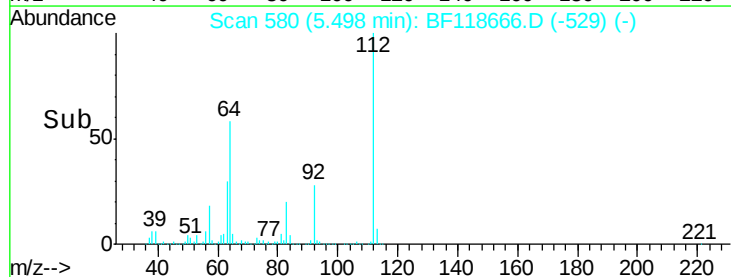
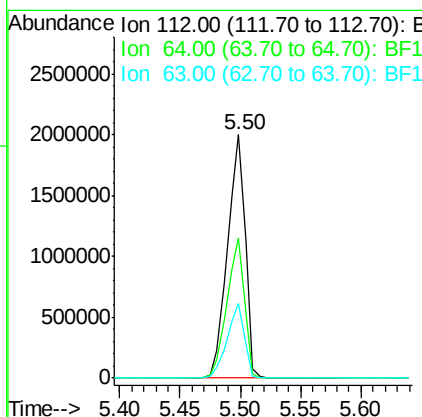
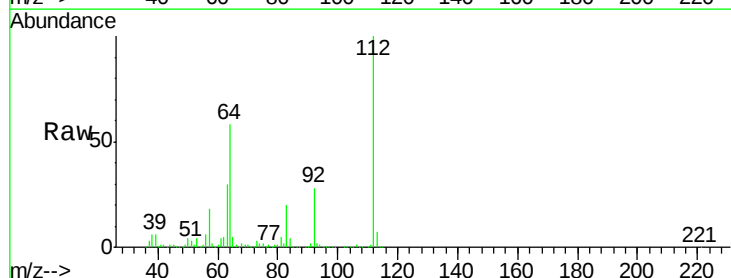
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.6	188.4
115	57.0	48.4	72.6

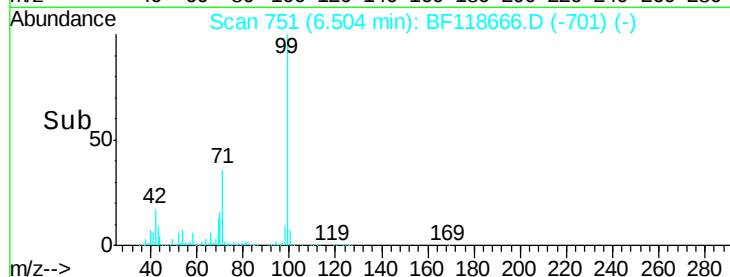
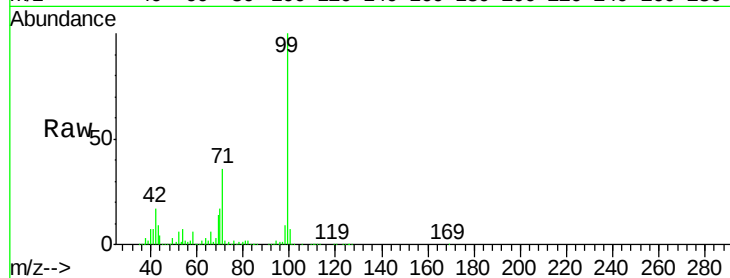
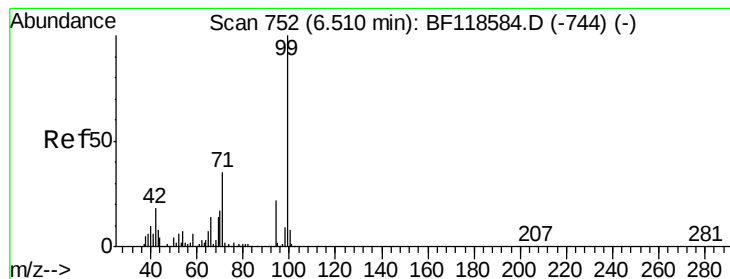


#5

2-Fluorophenol
Concen: 98.838 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	70.0
63	30.4	25.1	37.7





#7

Phenol-d6

Concen: 94.662 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

K500-2

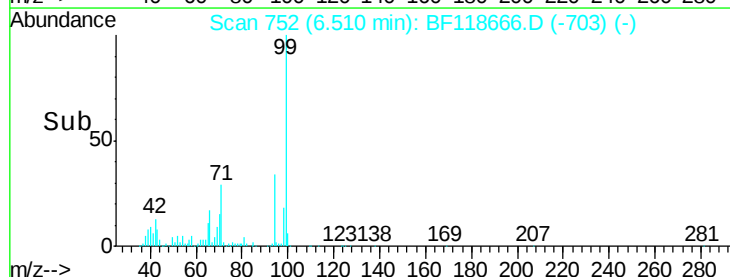
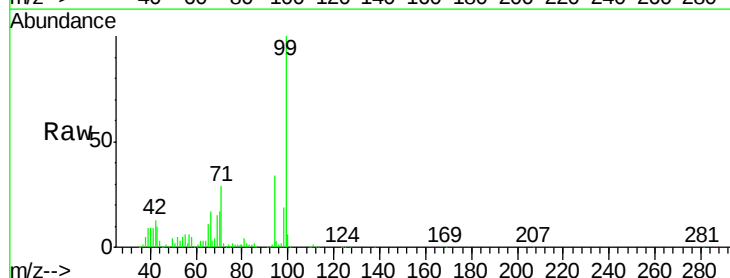
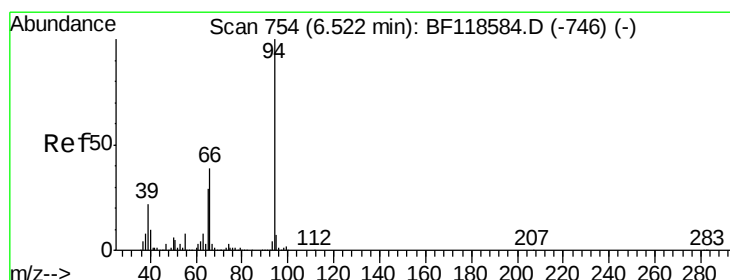
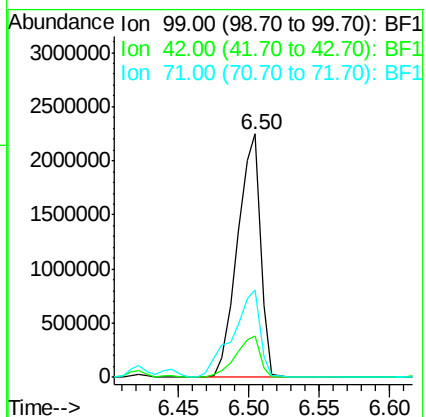
Tot Ion: 99 Resp: 2538801

Ion Ratio Lower Upper

99 100

42 17.2 14.2 21.2

71 35.7 27.8 41.6



#10

Phenol

Concen: 5.966 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

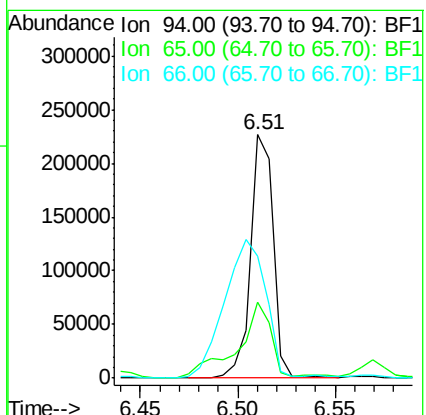
Tgt Ion: 94 Resp: 182335

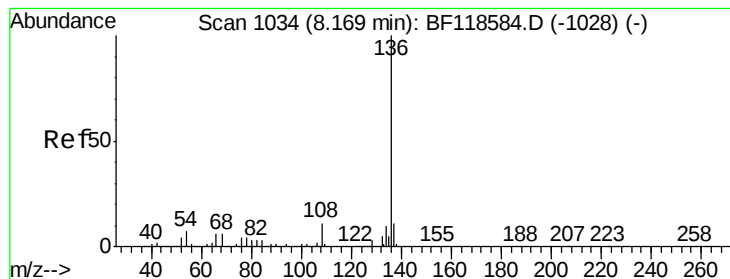
Ion Ratio Lower Upper

94 100

65 31.2 9.5 49.5

66 50.2 18.5 58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

K500-2

Tot Ion:136 Resp: 590206

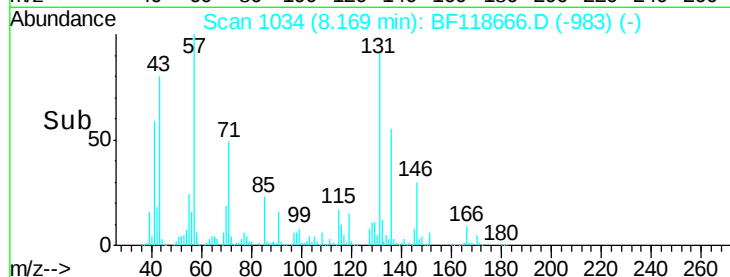
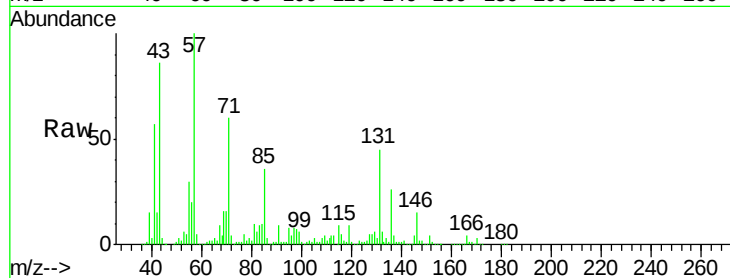
Ion Ratio Lower Upper

136 100

137 14.2 9.1 13.7#

54 20.5 5.8 8.6#

68 16.6 5.0 7.4#

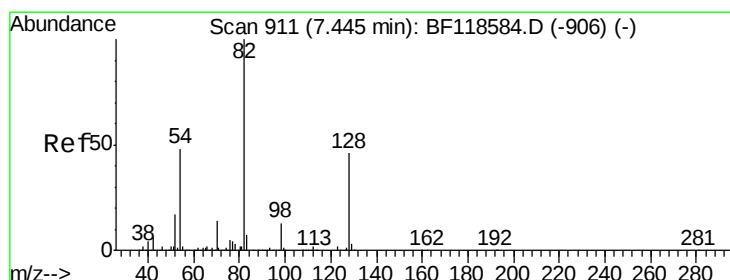
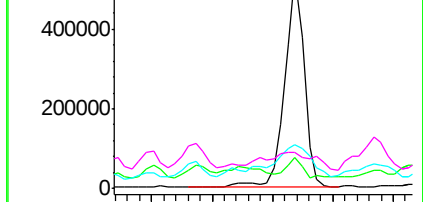


Abundance Ion 136.00 (135.70 to 136.70): E

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: 159.885 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

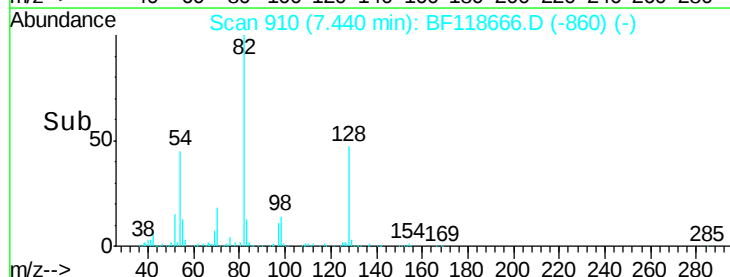
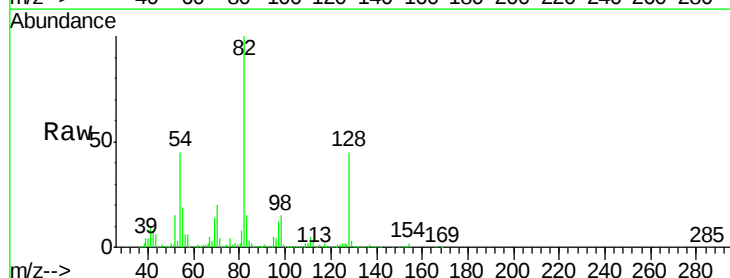
Tgt Ion: 82 Resp: 1687078

Ion Ratio Lower Upper

82 100

128 45.5 36.6 54.8

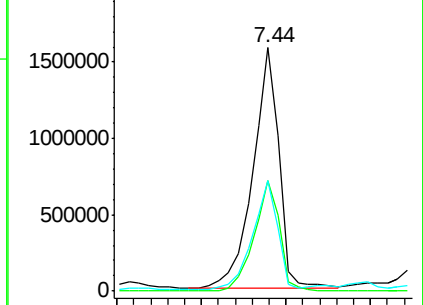
54 45.4 38.0 57.0

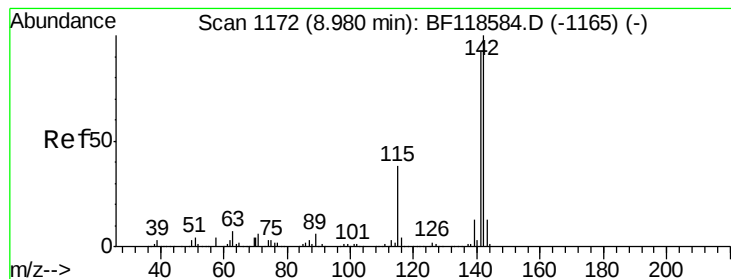


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

1-Methylnaphthalene

Concen: 19.597 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

K500-2

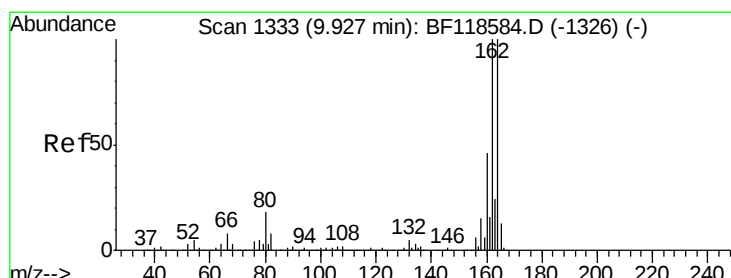
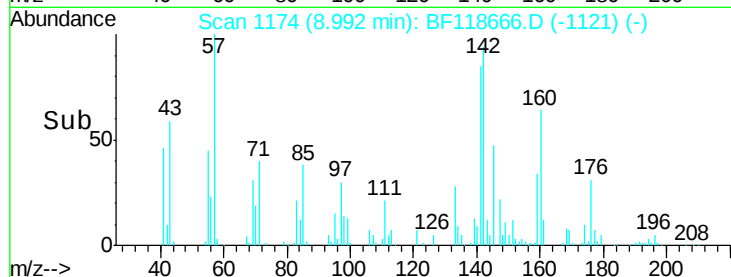
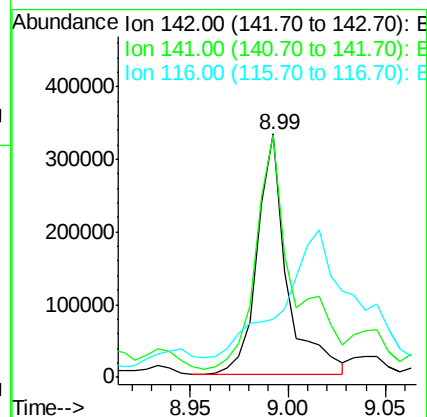
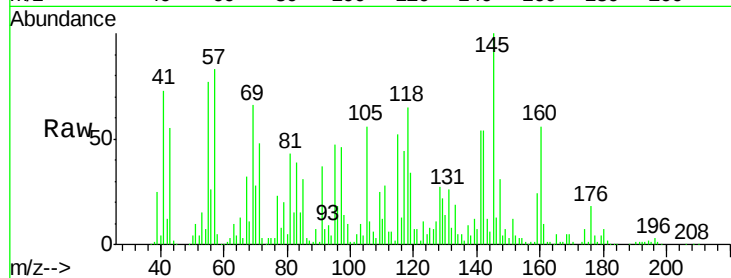
Tot Ion:142 Resp: 350384

Ion Ratio Lower Upper

142 100

141 99.5 73.4 110.2

116 23.6 3.3 4.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

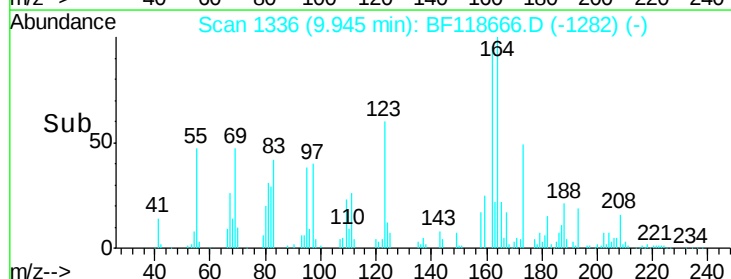
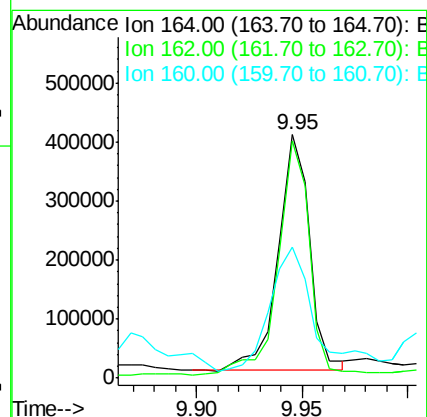
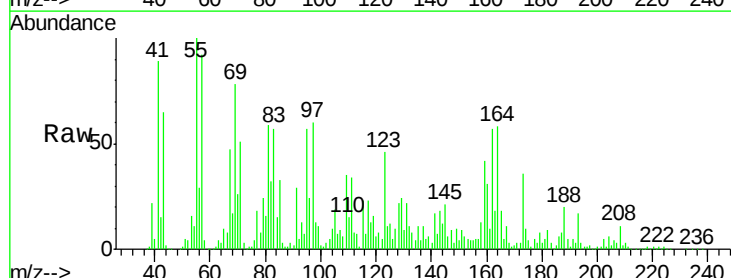
Tgt Ion:164 Resp: 412081

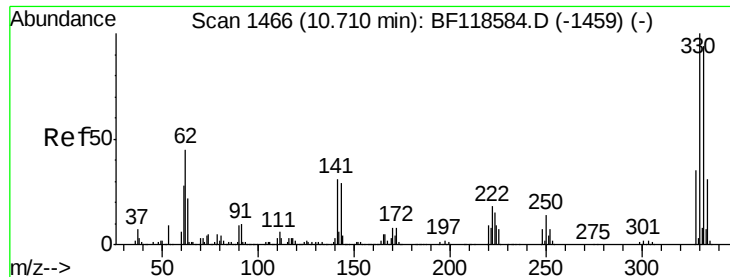
Ion Ratio Lower Upper

164 100

162 97.4 80.4 120.6

160 53.7 36.6 55.0

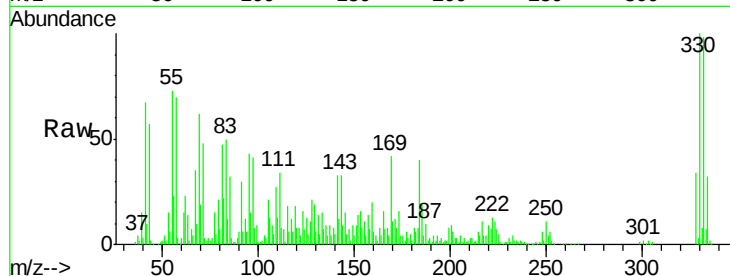




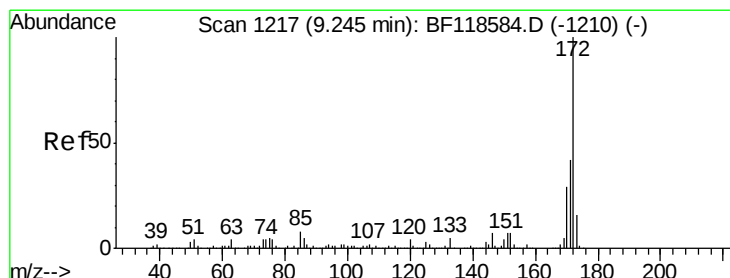
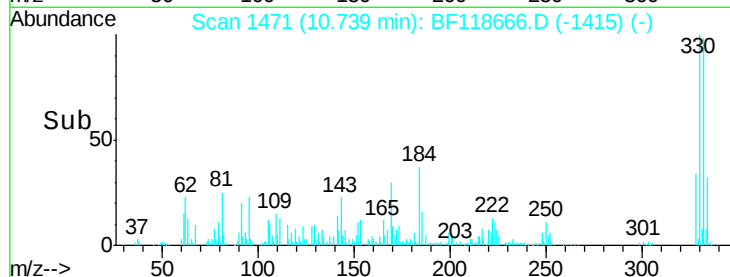
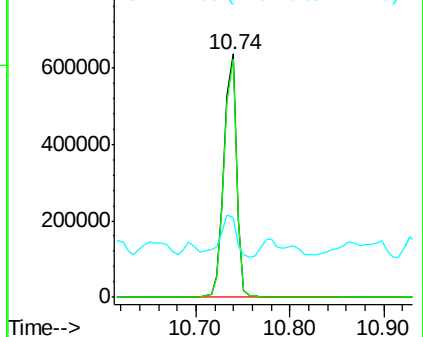
#42
 2,4,6-Tribromophenol
 Concen: 126.432 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.03 min
 Lab File: BF118666.D
 Acq: 22 Jan 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 K500-2

Tot Ion:330 Resp: 602608
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.4
 141 21.1 23.9 35.9#

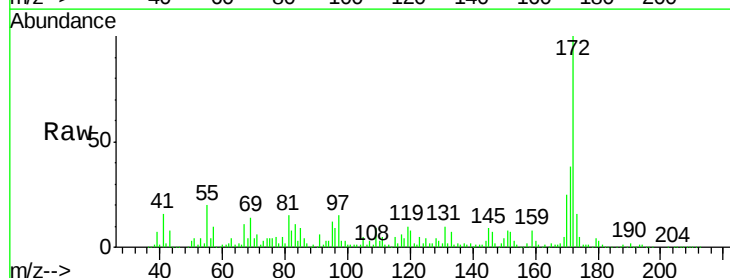


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

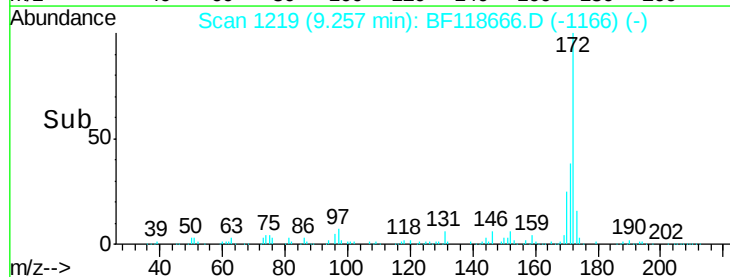
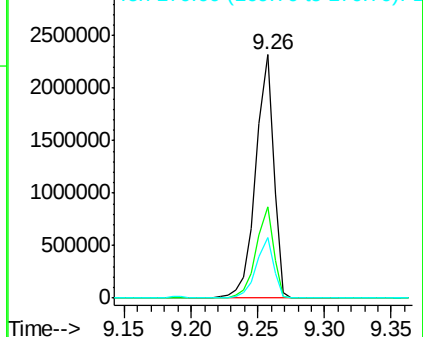


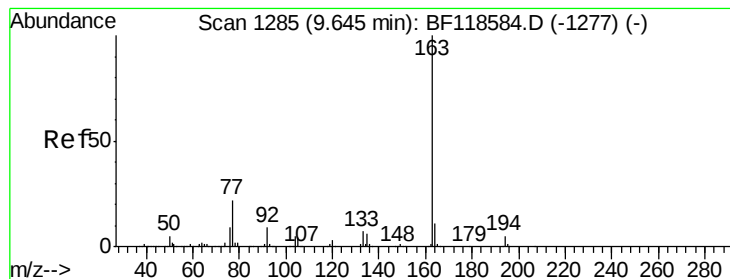
#45
 2-Fluorobiphenyl
 Concen: 84.882 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF118666.D
 Acq: 22 Jan 2020 16:29

Tgt Ion:172 Resp: 2128137
 Ion Ratio Lower Upper
 172 100
 171 37.6 33.4 50.2
 170 24.9 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: 8.498 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

K500-2

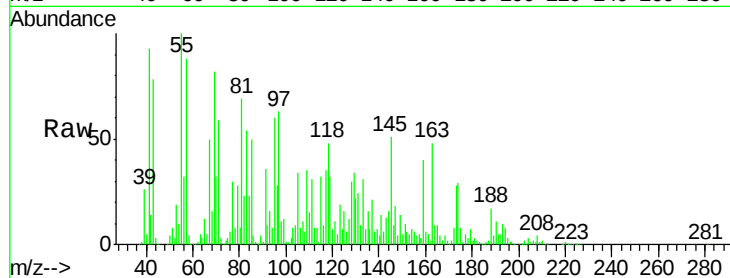
Tot Ion:163 Resp: 228150

Ion Ratio Lower Upper

163 100

194 17.6 3.9 5.9#

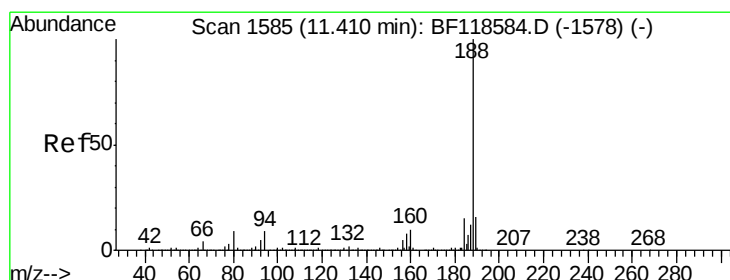
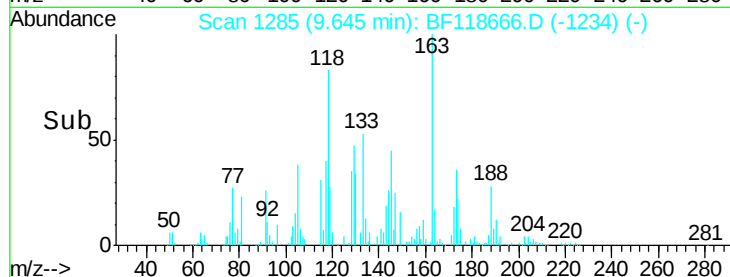
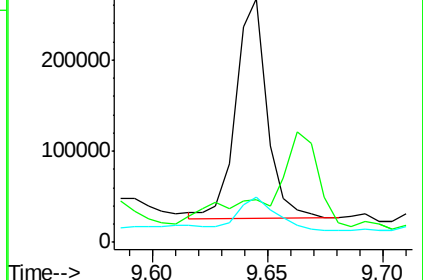
164 18.7 9.1 13.7#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

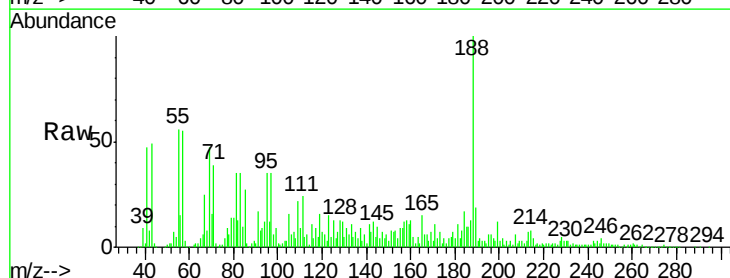
Tgt Ion:188 Resp: 802754

Ion Ratio Lower Upper

188 100

94 12.3 7.1 10.7#

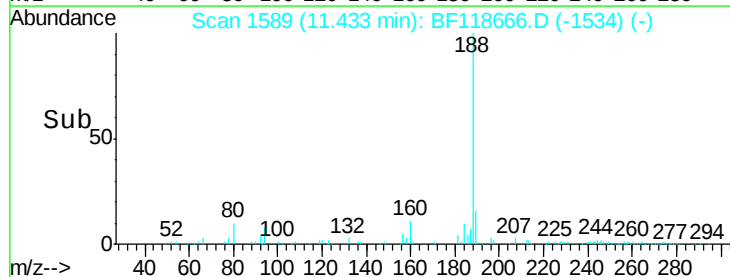
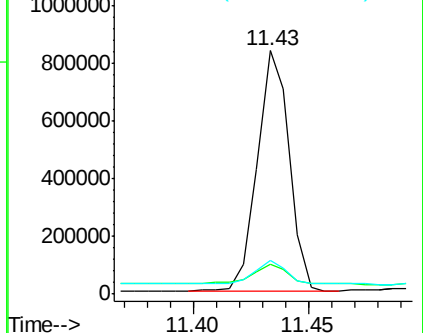
80 14.0 7.5 11.3#

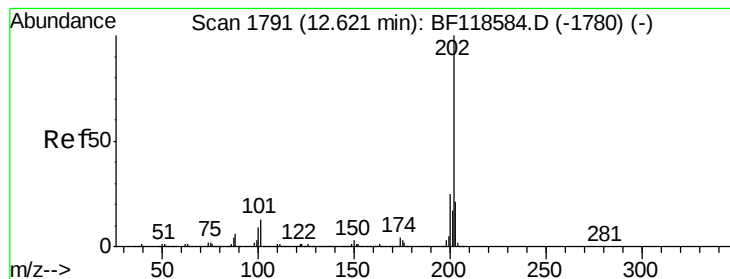


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.608 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

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K500-2

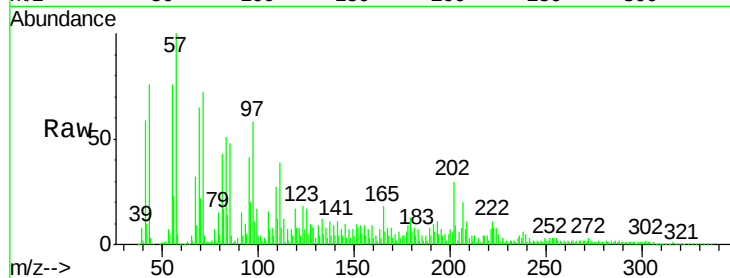
Tot Ion:202 Resp: 106549

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.5

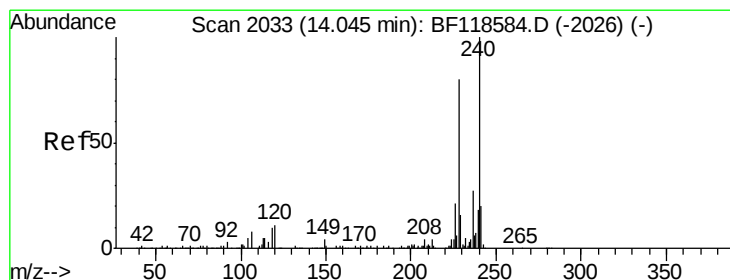
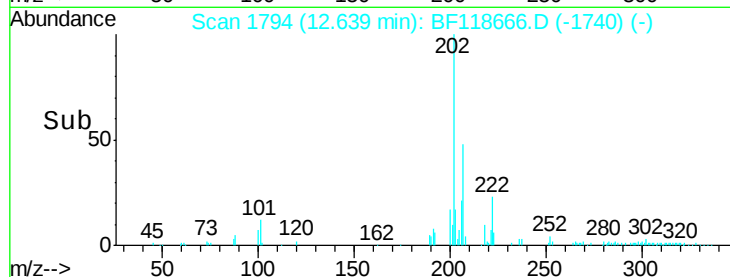
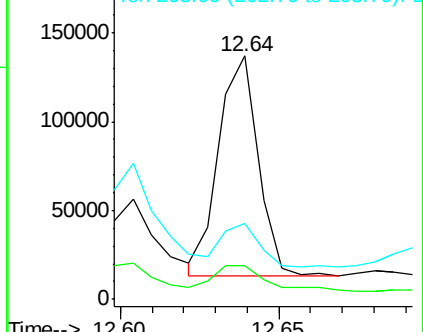
203 31.3 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

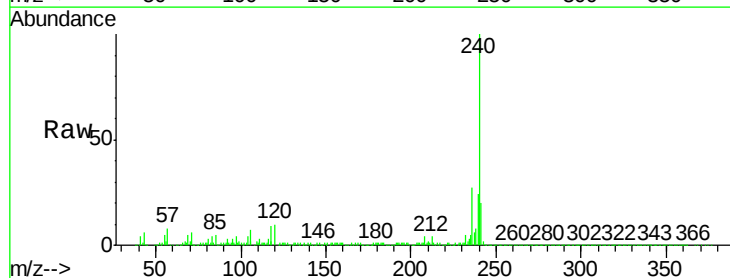
Tgt Ion:240 Resp: 884594

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

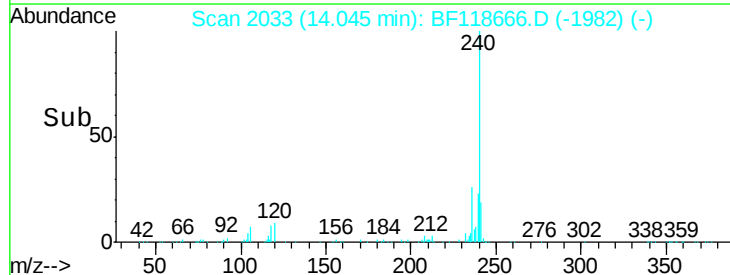
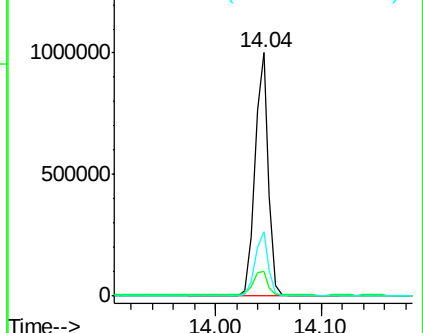
236 26.7 21.5 32.3

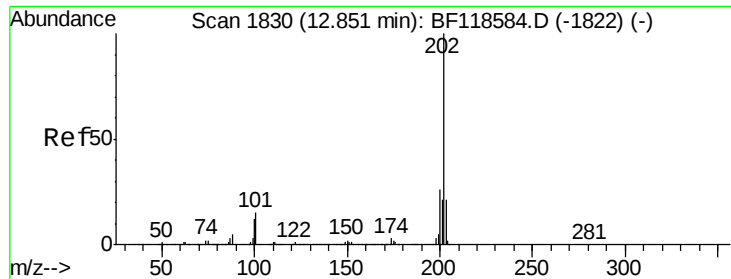


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

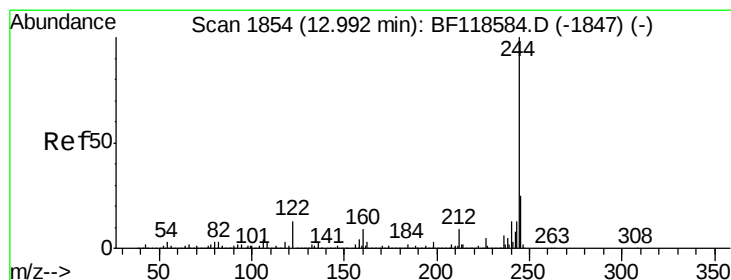
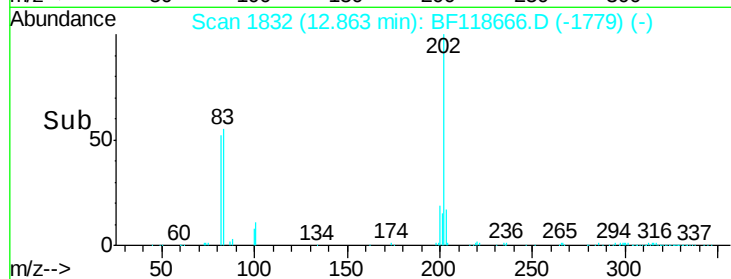
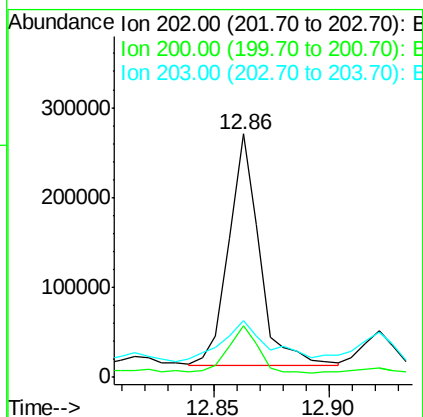
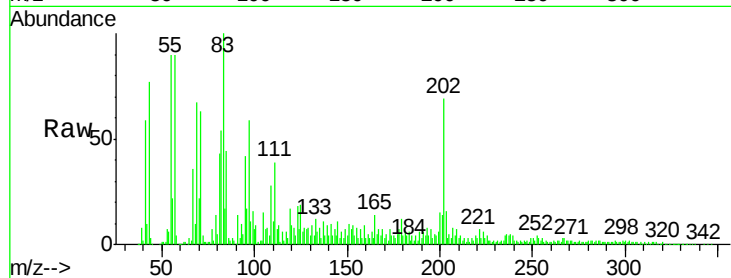




#78
Pvrene
Concen: 3.983 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

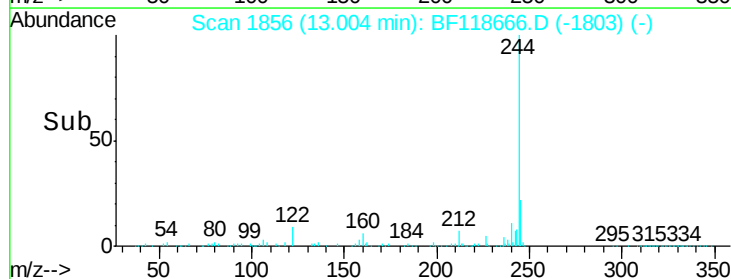
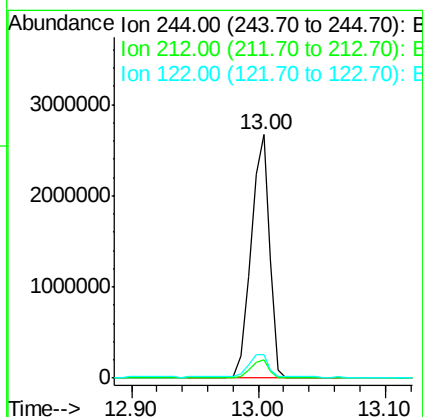
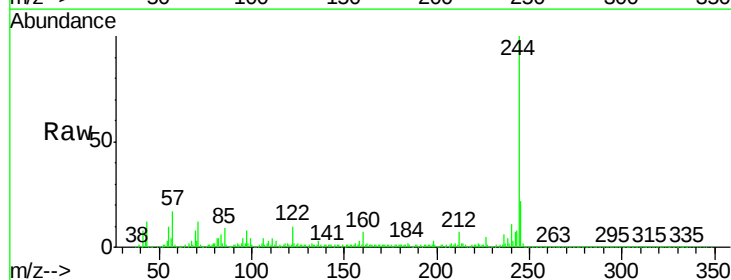
Instrument :
BNA_F
ClientSampleId :
K500-2

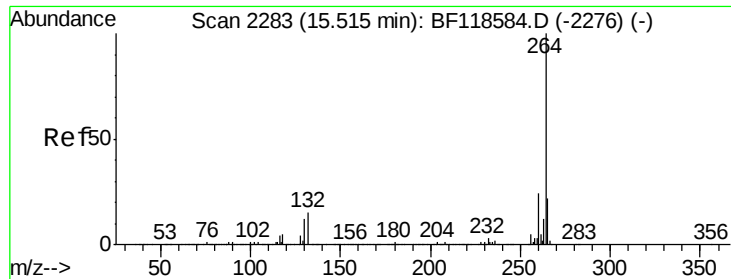
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	20.6	31.0
203	23.2	16.8	25.2



#79
Terphenyl-d14
Concen: 66.869 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	9.8	10.7	16.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Instrument :
BNA_F
ClientSampleId :
K500-2

Tot Ion:264 Resp: 984284
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 22.1 17.7 26.5

