

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118675.D
 Acq On : 22 Jan 2020 21:18
 Operator : CG/JU
 Sample : L1214-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K500-2RE

Quant Time: Jan 23 09:56:57 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

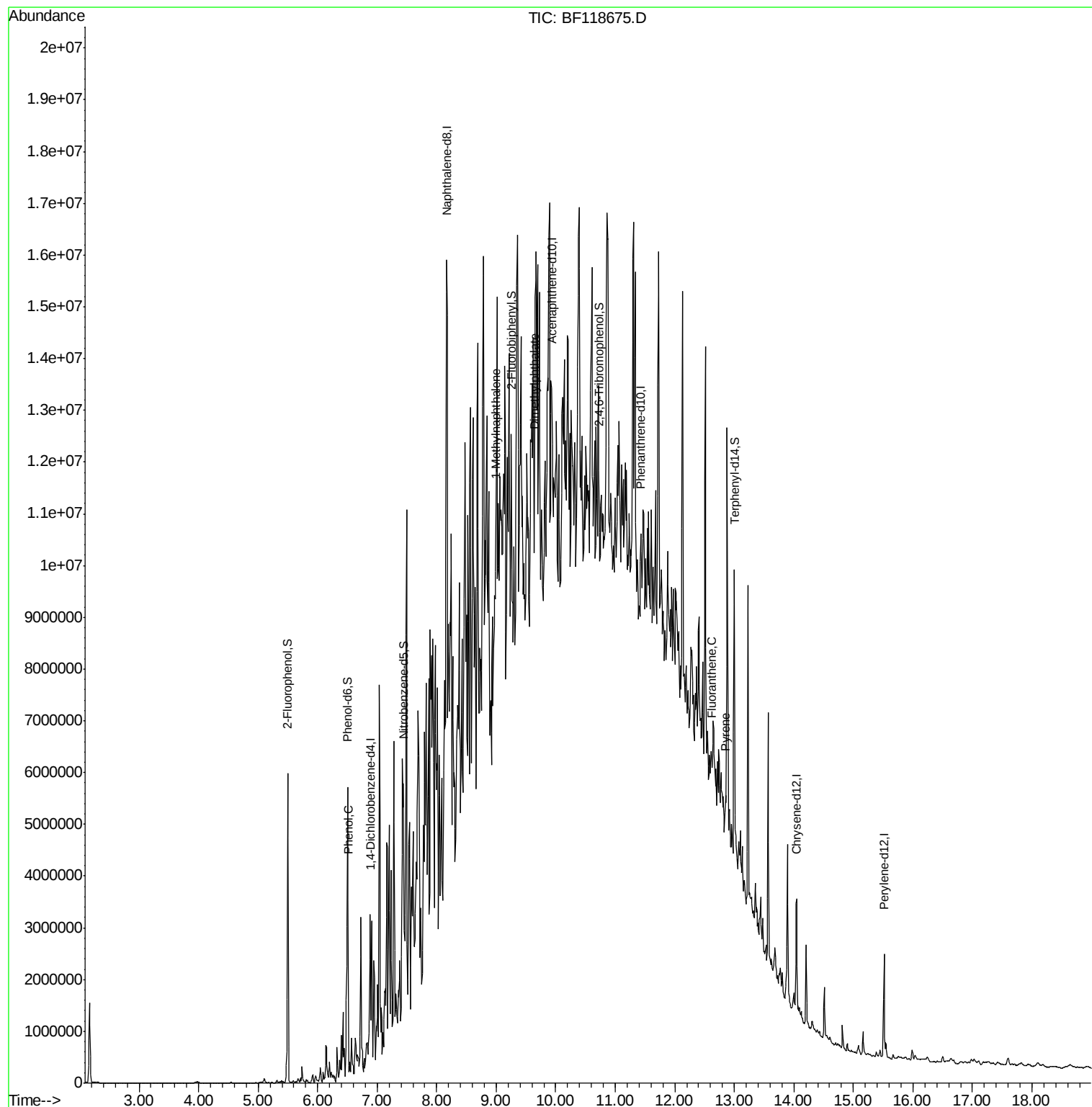
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	310172	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	478194	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	347059	20.00	ng	0.01
64) Phenanthrene-d10	11.42	188	595705	20.00	ng	0.01
76) Chrysene-d12	14.05	240	767587	20.00	ng	0.00
87) Perylene-d12	15.52	264	997032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1725876	103.34	ng	0.00
7) Phenol-d6	6.50	99	2119109	97.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	1340012	156.74	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	374803	93.37	ng	0.02
45) 2-Fluorobiphenyl	9.25	172	1735984	82.21	ng	0.00
79) Terphenyl-d14	13.00	244	2046299	58.15	ng	0.00
Target Compounds						
10) Phenol	6.52	94	146259	5.913	ng	96
38) 1-Methylnaphthalene	8.99	142	277781	19.176	ng	# 90
50) Dimethylphthalate	9.64	163	191244	8.458	ng	# 82
75) Fluoranthene	12.63	202	72990	2.408	ng	85
78) Pyrene	12.86	202	172190	3.304	ng	94

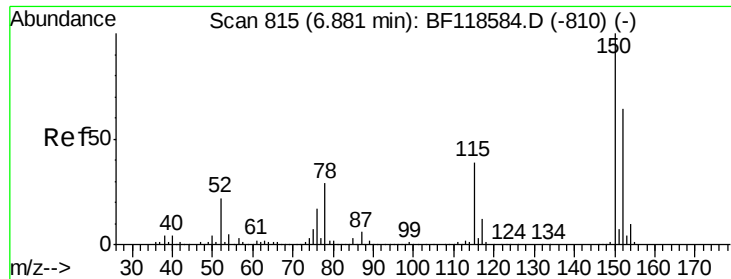
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
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ALS Vial : 4 Sample Multiplier: 1

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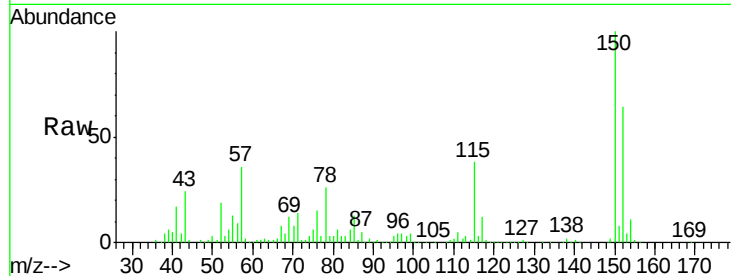


#1

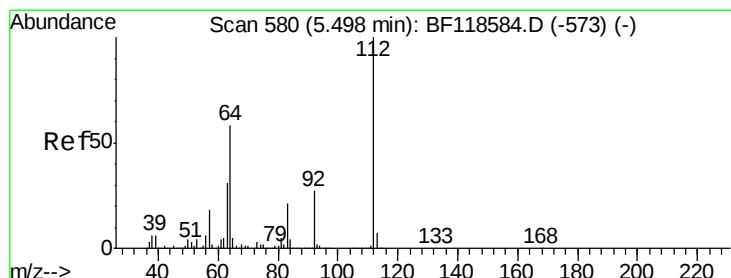
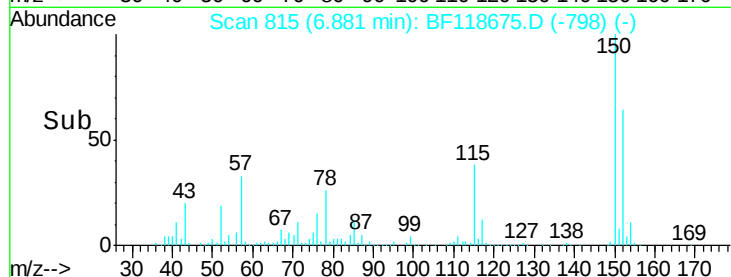
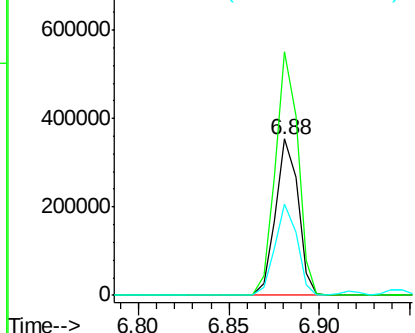
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Instrument :
BNA_F
ClientSampleId :
K500-2RE

Tot Ion:152 Resp: 310172
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 58.7 48.4 72.6



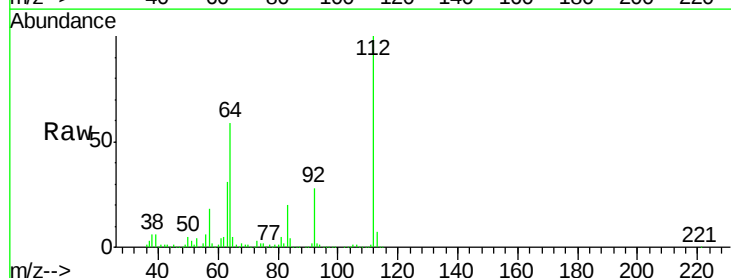
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



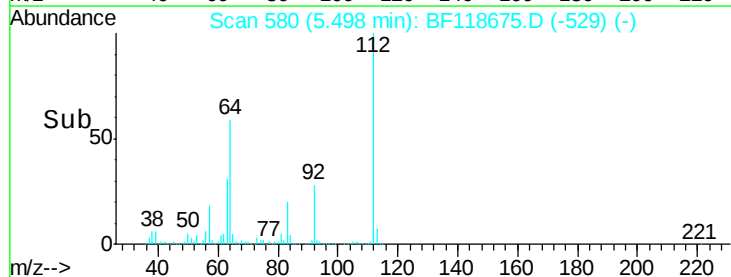
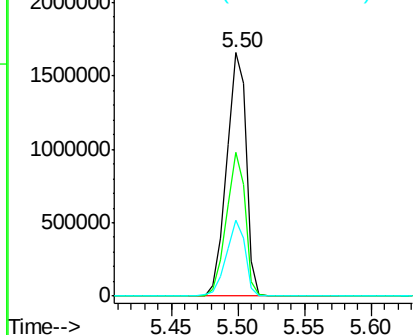
#5

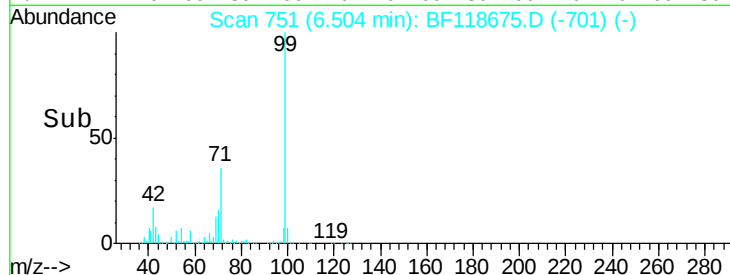
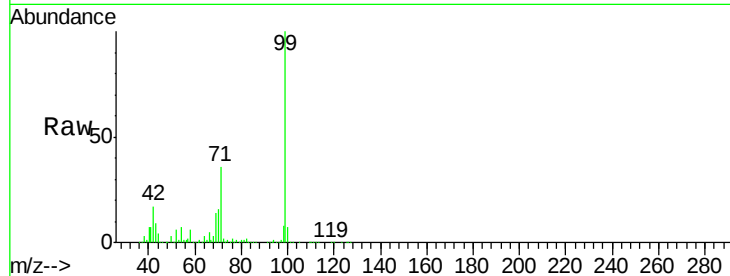
2-Fluorophenol
Concen: 103.342 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion:112 Resp: 1725876
Ion Ratio Lower Upper
112 100
64 59.2 46.6 70.0
63 31.4 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: 97.626 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

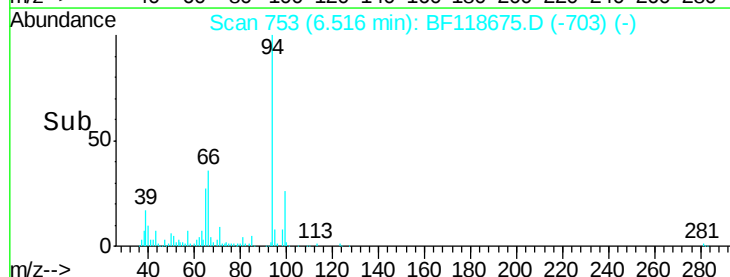
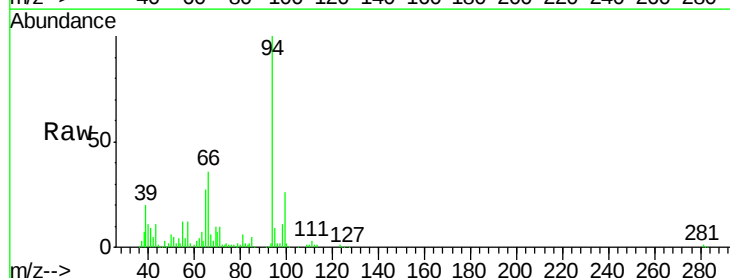
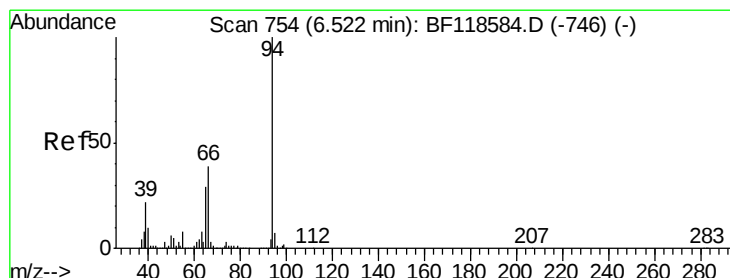
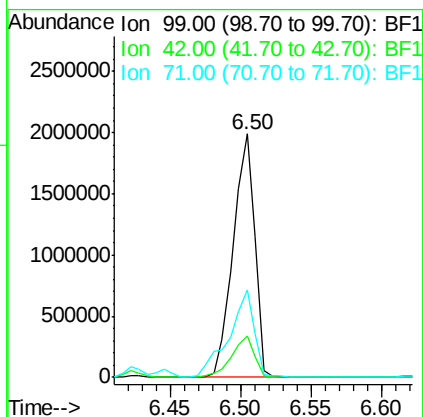
Tot Ion: 99 Resp: 2119109

Ion Ratio Lower Upper

99 100

42 17.2 14.2 21.2

71 35.8 27.8 41.6



#10

Phenol

Concen: 5.913 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

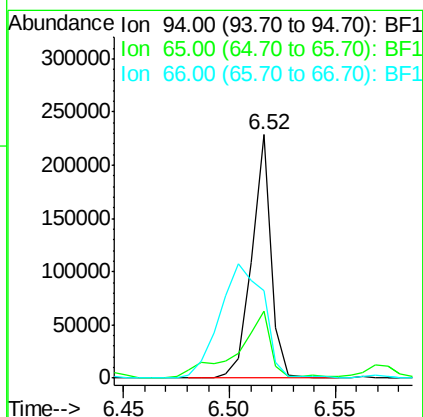
Tgt Ion: 94 Resp: 146259

Ion Ratio Lower Upper

94 100

65 27.4 9.5 49.5

66 35.8 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: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

Tot Ion:136 Resp: 478194

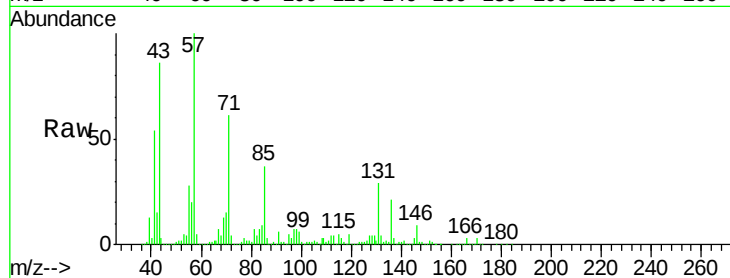
Ion Ratio Lower Upper

136 100

137 13.9 9.1 13.7#

54 21.1 5.8 8.6#

68 16.5 5.0 7.4#

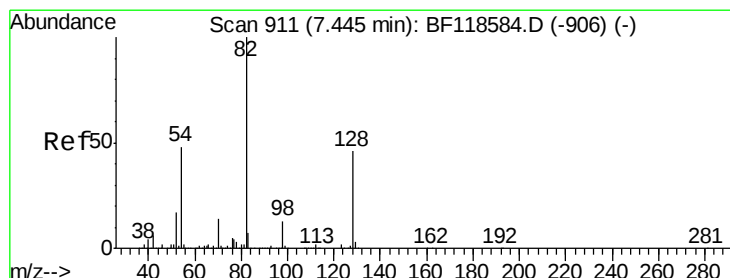
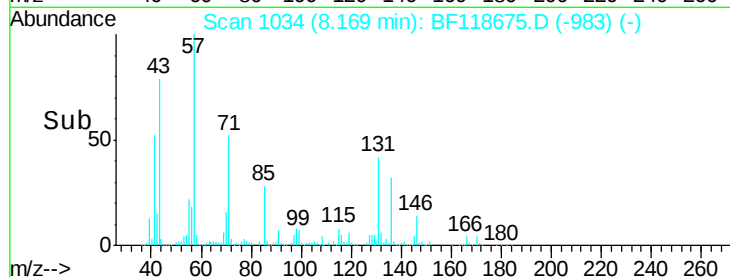
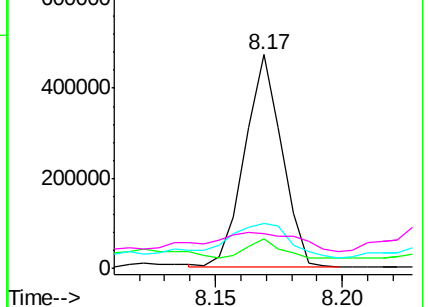


Abundance Ion 136.00 (135.70 to 136.70): E

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: 156.740 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

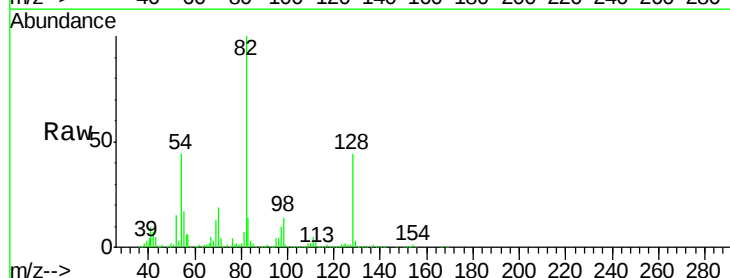
Tgt Ion: 82 Resp: 1340012

Ion Ratio Lower Upper

82 100

128 44.2 36.6 54.8

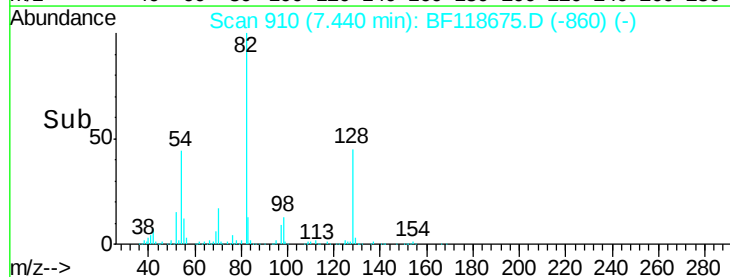
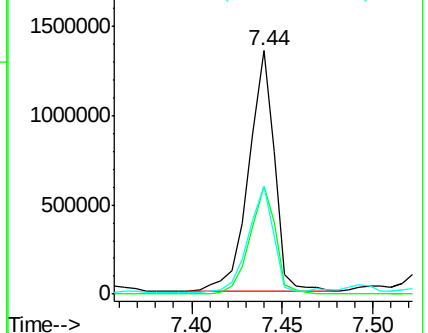
54 44.4 38.0 57.0

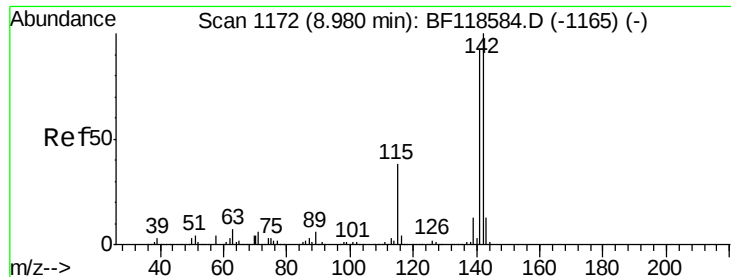


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

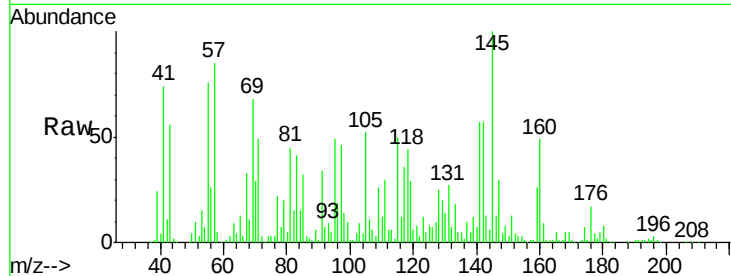




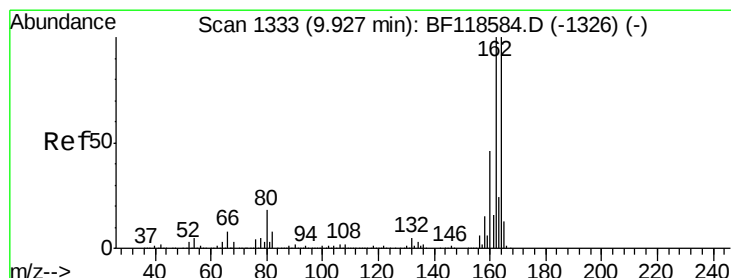
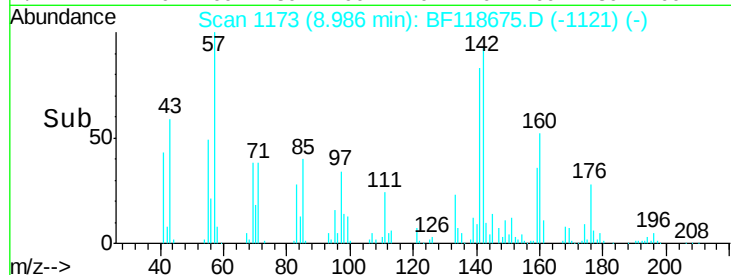
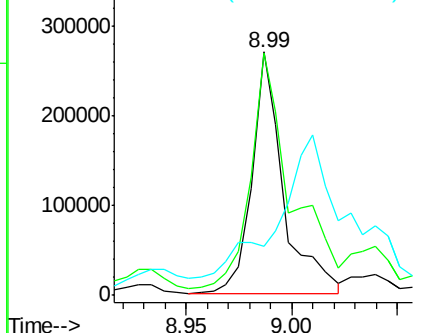
#38
1-Methylnaphthalene
Concen: 19.176 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Instrument :
BNA_F
ClientSampleId :
K500-2RE

Tot Ion:142 Resp: 277781
Ion Ratio Lower Upper
142 100
141 99.4 73.4 110.2
116 20.3 3.3 4.9#

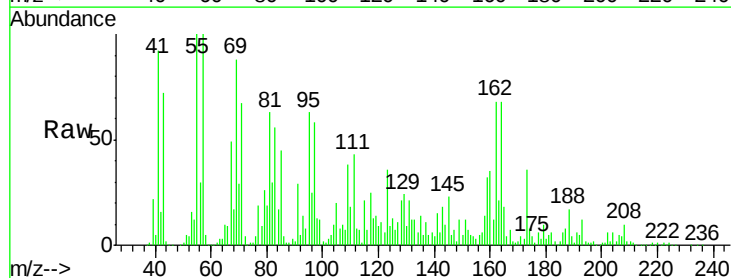


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

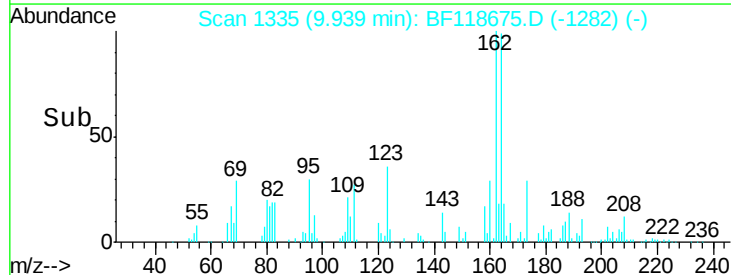
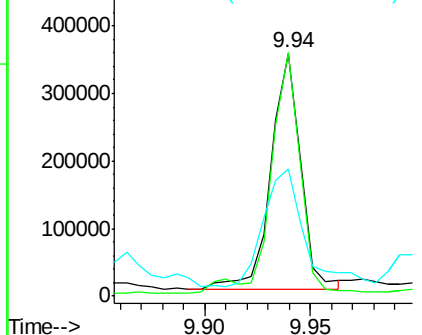


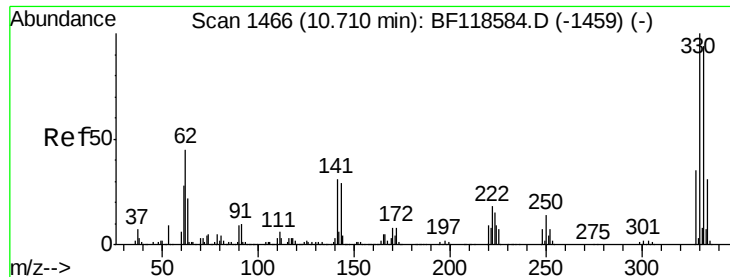
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion:164 Resp: 347059
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 52.3 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

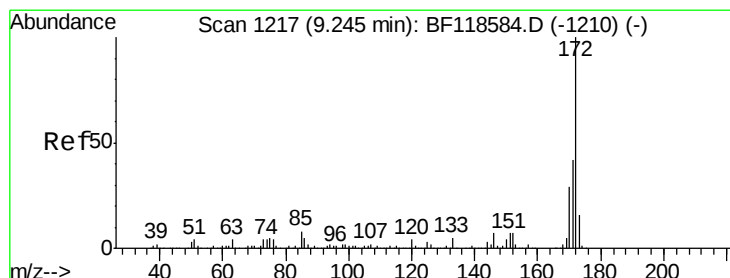
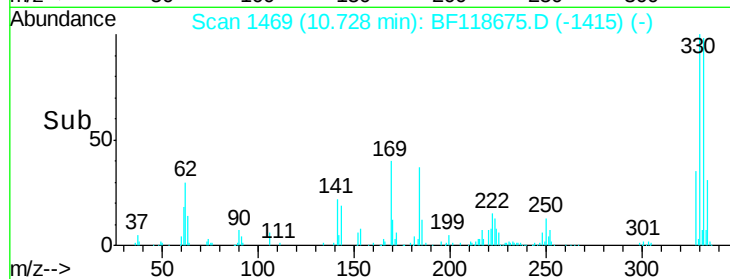
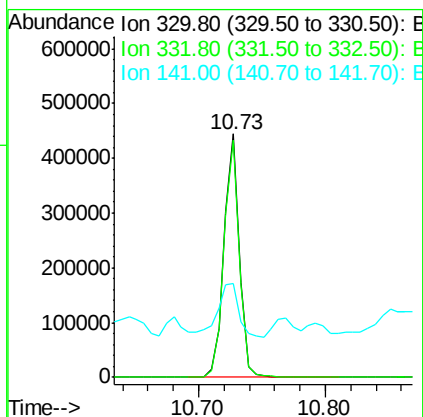
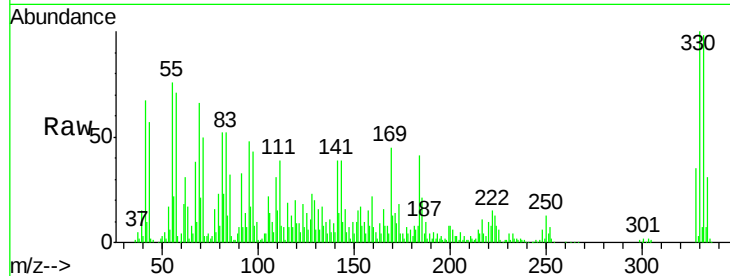




#42
 2,4,6-Tribromophenol
 Concen: 93.370 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.02 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

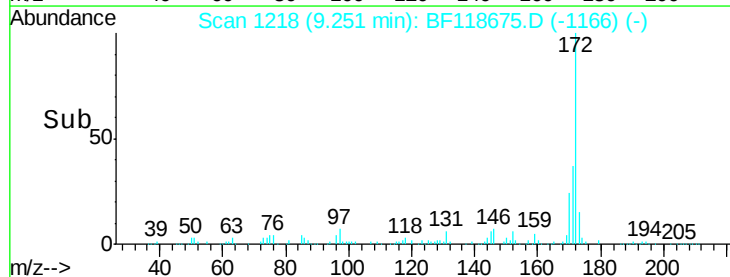
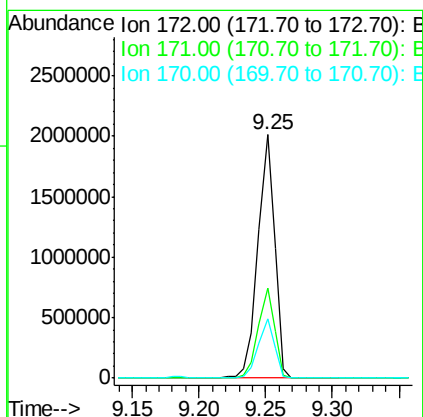
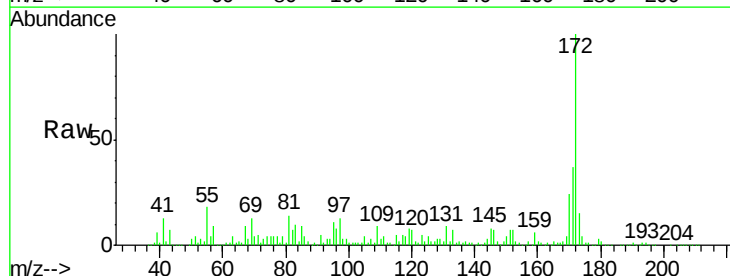
Instrument :
 BNA_F
 ClientSampled :
 K500-2RE

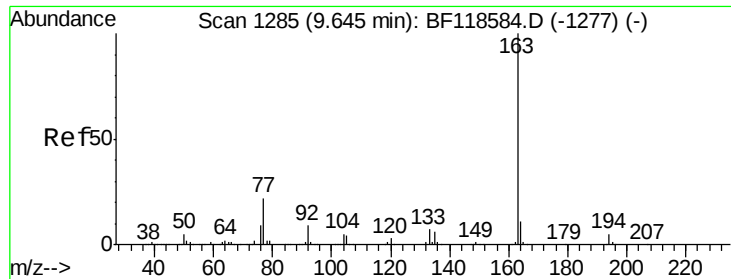
Tot Ion:330 Resp: 374803
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.2 114.4
 141 30.9 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 82.213 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Tgt Ion:172 Resp: 1735984
 Ion Ratio Lower Upper
 172 100
 171 37.1 33.4 50.2
 170 24.4 23.2 34.8





#50

Dimethylphthalate

Concen: 8.458 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

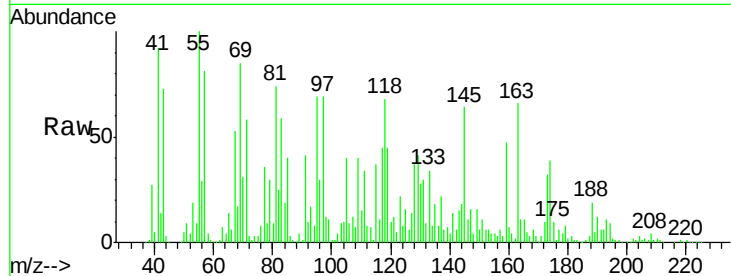
Tot Ion:163 Resp: 191244

Ion Ratio Lower Upper

163 100

194 13.4 3.9 5.9#

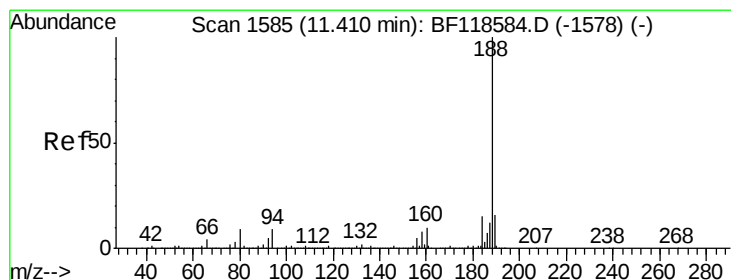
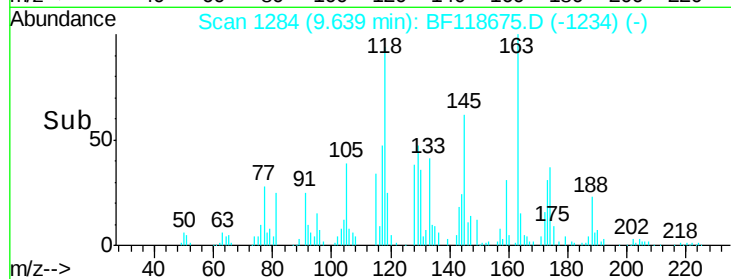
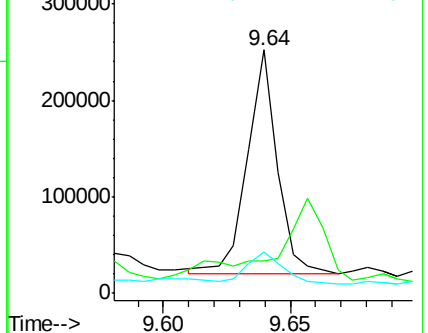
164 17.1 9.1 13.7#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

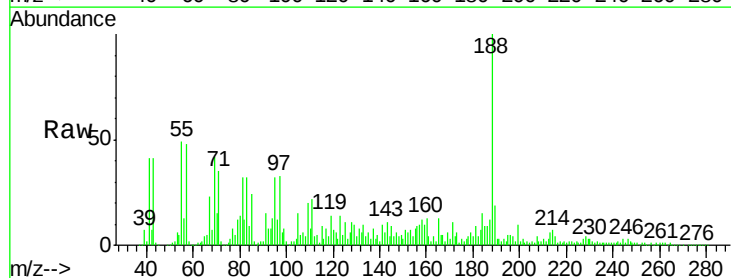
Tgt Ion:188 Resp: 595705

Ion Ratio Lower Upper

188 100

94 13.0 7.1 10.7#

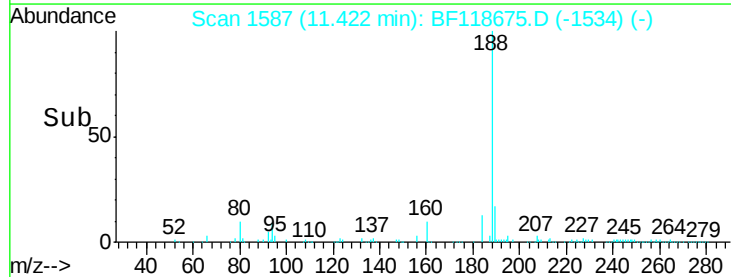
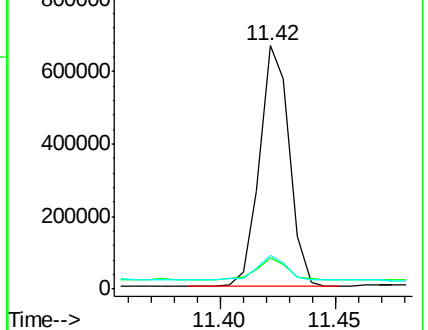
80 13.8 7.5 11.3#

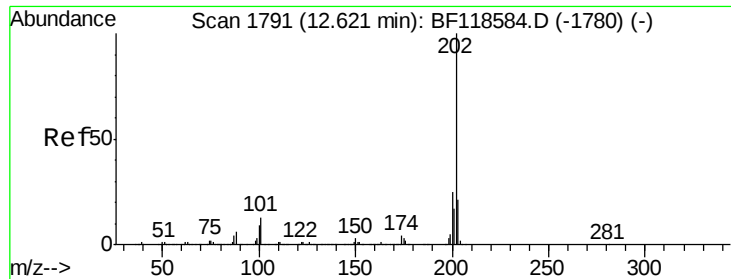


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.408 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

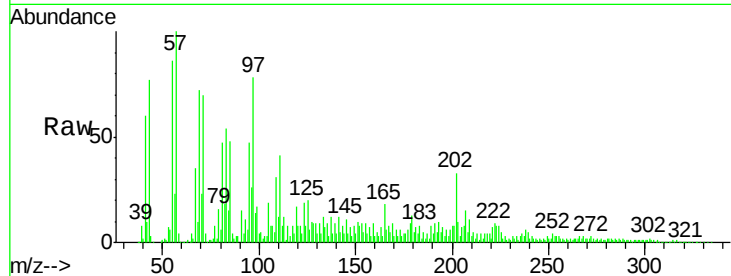
Tot Ion:202 Resp: 72990

Ion Ratio Lower Upper

202 100

101 16.5 0.0 32.5

203 29.1 0.8 40.8



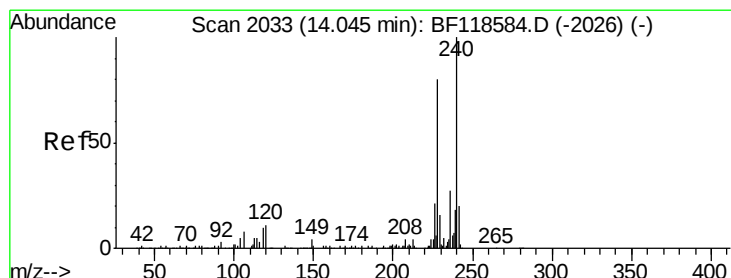
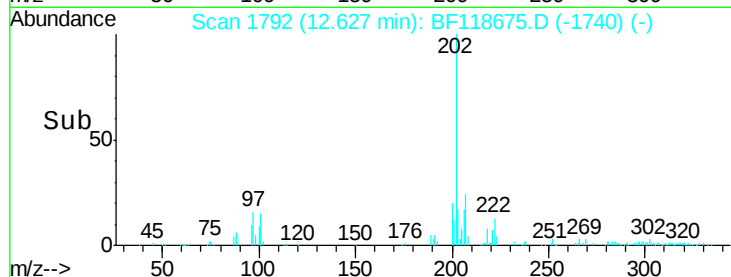
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.63

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

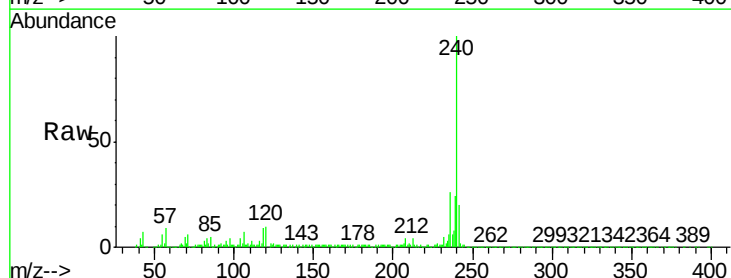
Tgt Ion:240 Resp: 767587

Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.9 21.5 32.3



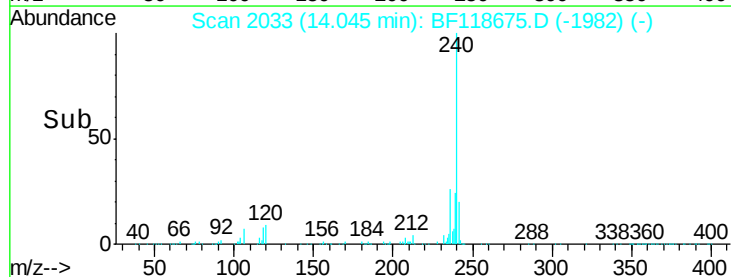
Abundance Ion 240.00 (239.70 to 240.70): E

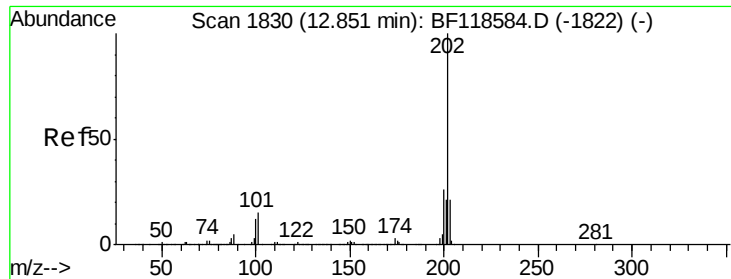
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.05

Time-->

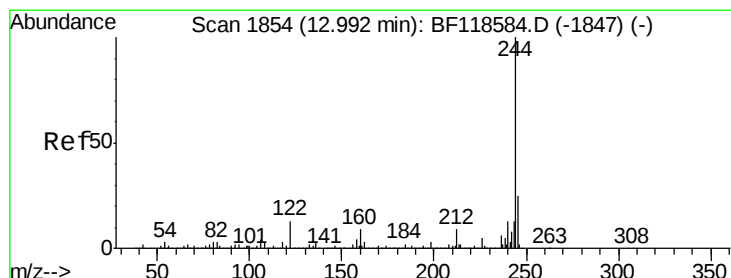
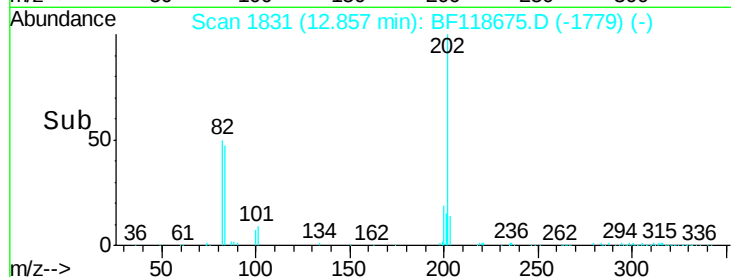
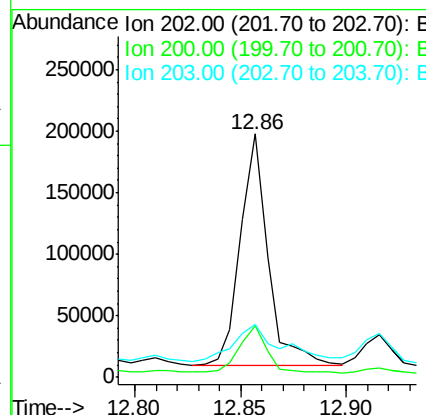
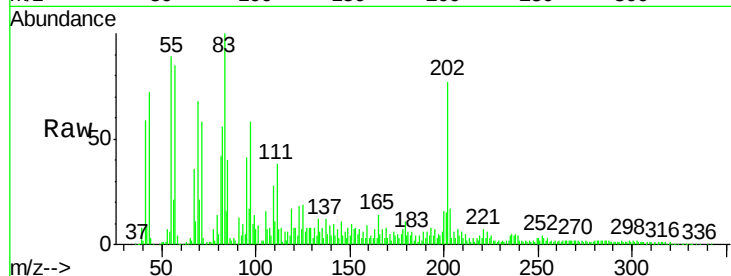




#78
Pvrene
Concen: 3.304 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

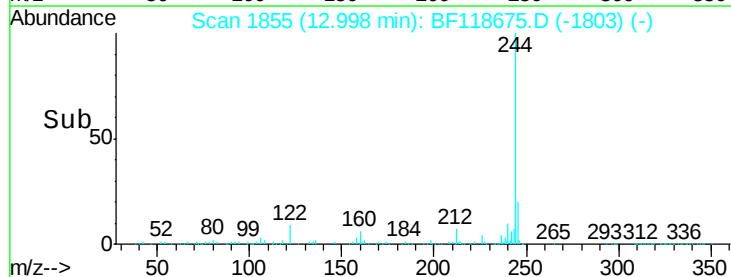
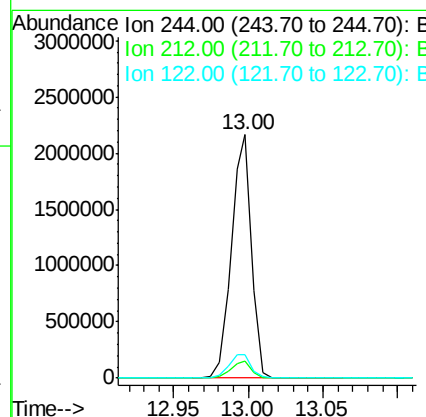
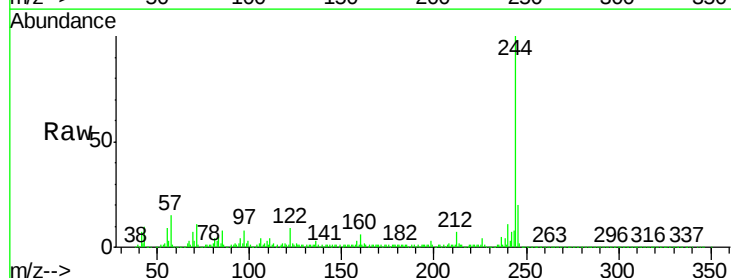
Instrument :
BNA_F
ClientSampled :
K500-2RE

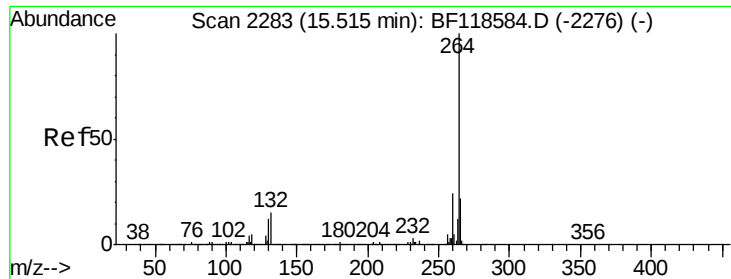
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	20.6	31.0
203	21.8	16.8	25.2



#79
Terphenyl-d14
Concen: 58.145 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.0	10.4
122	9.4	10.7	16.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Instrument :
BNA_F
ClientSampleId :
K500-2RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.3	17.7	26.5

