

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118758.D
 Acq On : 30 Jan 2020 18:25
 Operator : CG/JU
 Sample : L1313-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:08:58 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 27 14:24:10 2020
 Response via : Initial Calibration

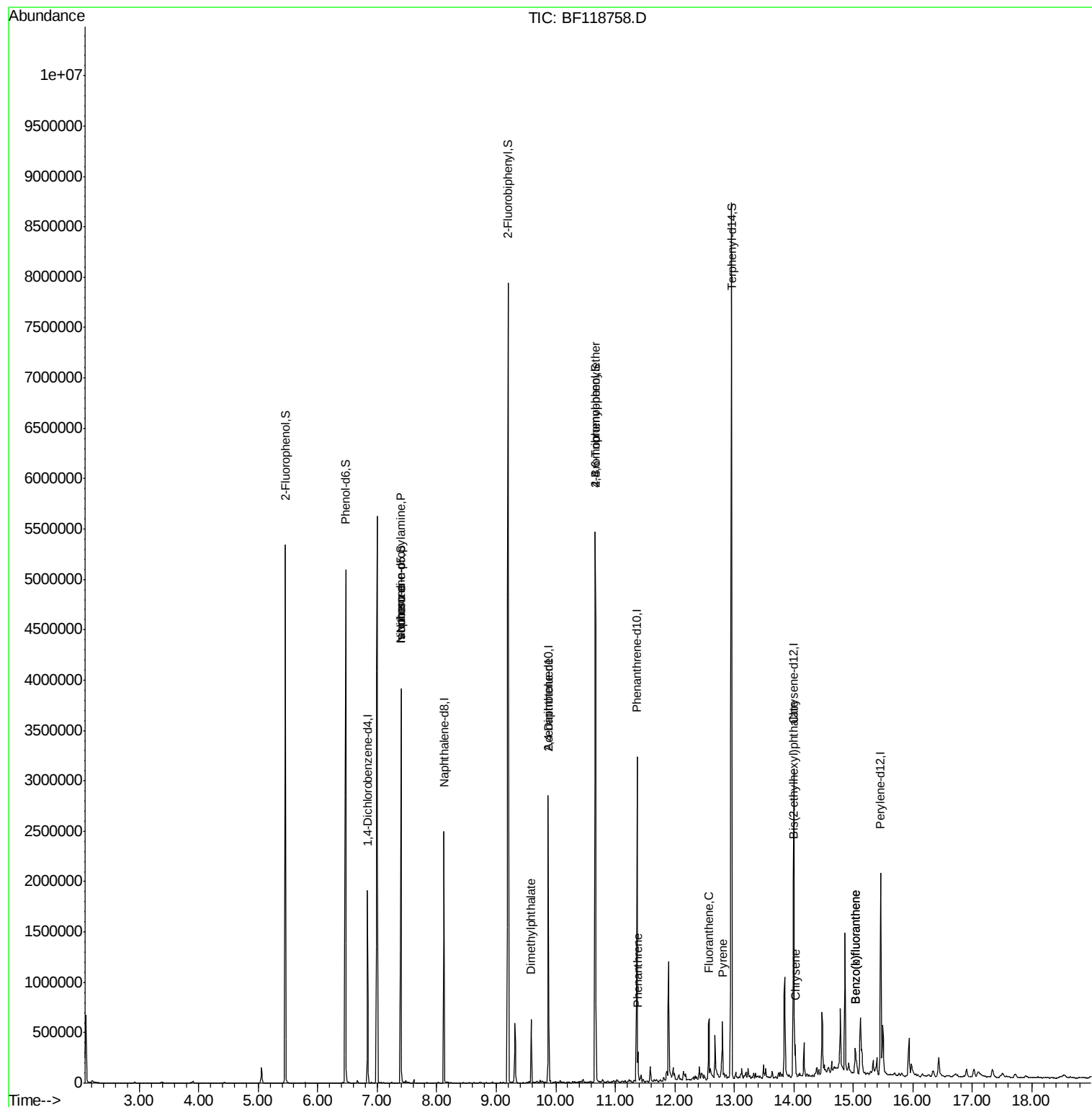
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	272990	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1030366	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	600207	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1167129	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	973757	20.00	ng	-0.02
87) Perylene-d12	15.46	264	950269	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1604750	109.18	ng	-0.02
7) Phenol-d6	6.47	99	1976196	103.44	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1300139	70.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	772918	111.34	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2490640	68.20	ng	-0.02
79) Terphenyl-d14	12.95	244	3286781	73.62	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	176112	13.652	ng	# 76
25) Isophorone	7.40	82	1300125	38.695	ng	# 63
50) Dimethylphthalate	9.59	163	246118	6.294	ng	100
57) 2,4-Dinitrotoluene	9.87	165	78493	7.111	ng	# 30
67) 4-Bromophenyl-phenylether	10.66	248	50440	3.498	ng	# 1
71) Phenanthrene	11.39	178	115535	2.052	ng	95
75) Fluoranthene	12.57	202	246847	4.157	ng	97
78) Pyrene	12.80	202	231977	3.509	ng	97
83) Chrysene	14.02	228	123513	2.200	ng	96
84) Bis(2-ethylhexyl)phthalate	13.99	149	90882	2.749	ng	100
88) Benzo(b)fluoranthene	15.03	252	186943	3.130	ng	98
89) Benzo(k)fluoranthene	15.03	252	186943	3.378	ng	99

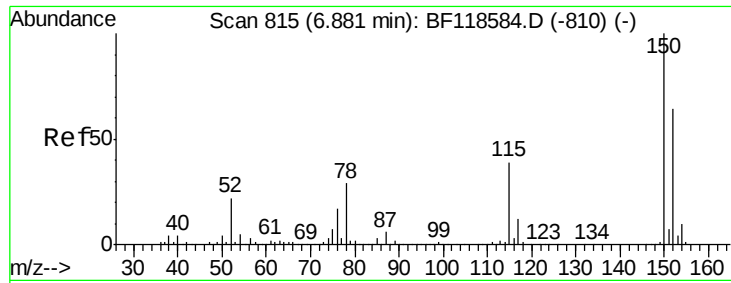
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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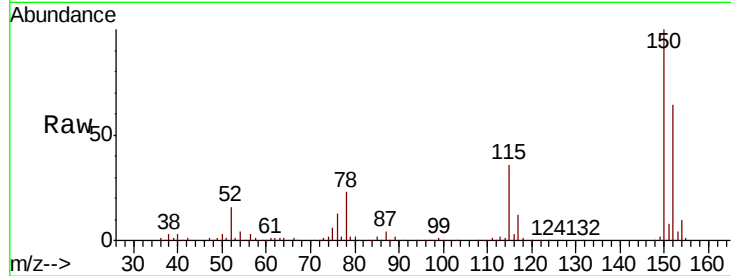


#1

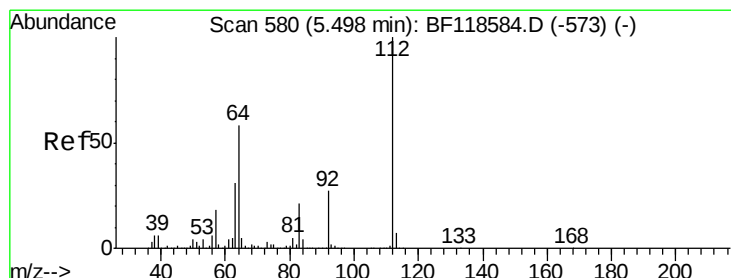
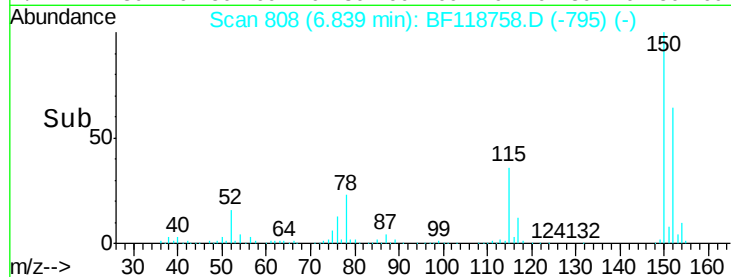
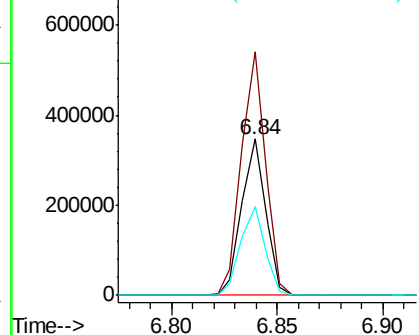
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272990
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 56.4 45.1 67.7



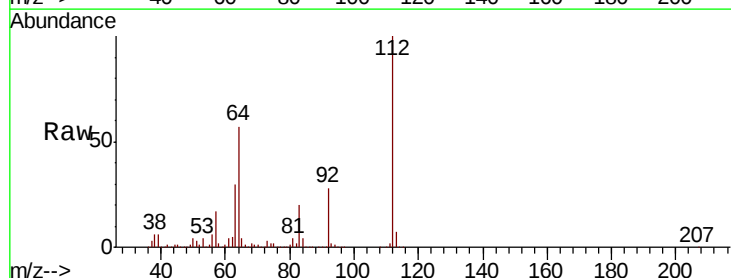
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



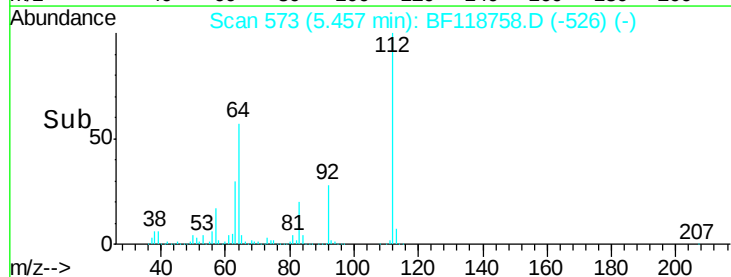
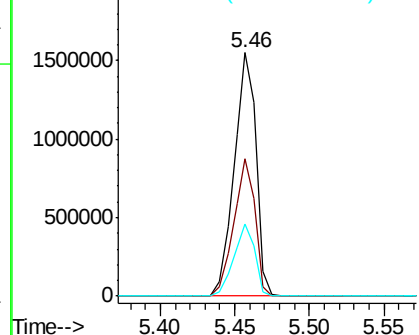
#5

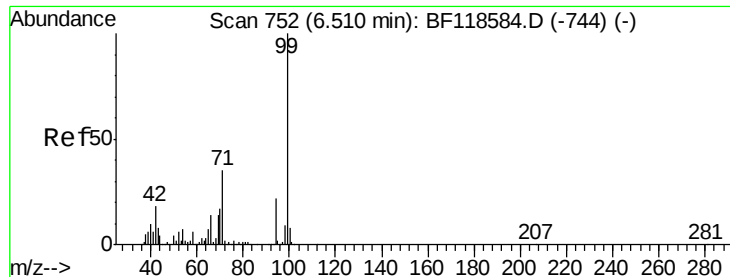
2-Fluorophenol
Concen: 109.177 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion:112 Resp: 1604750
Ion Ratio Lower Upper
112 100
64 56.7 42.4 63.6
63 29.9 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: 103.442 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Instrument :

BNA_F

ClientSampled :

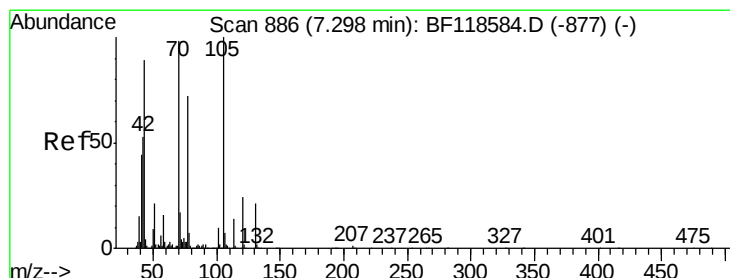
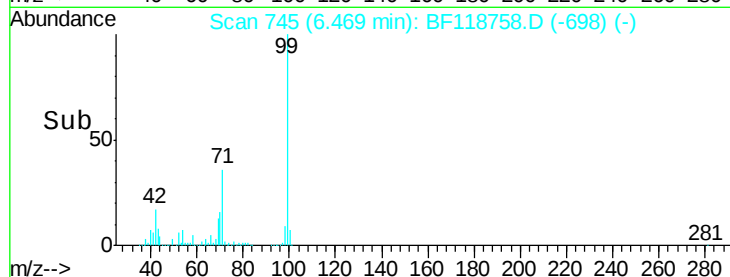
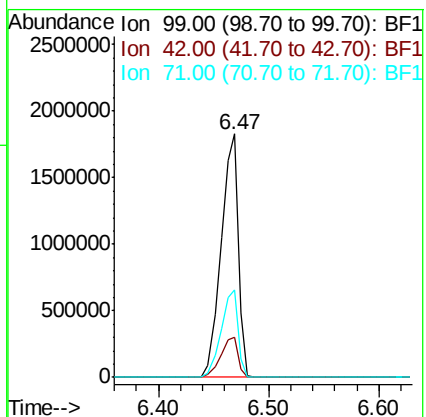
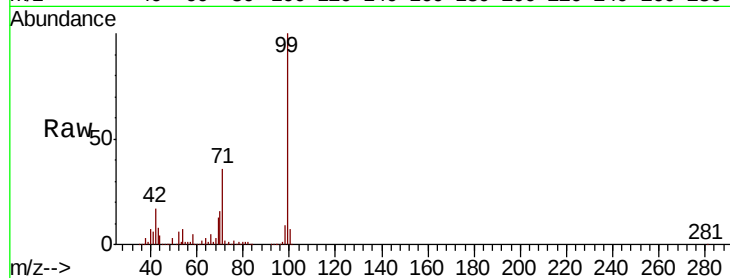
Tot Ion: 99 Resp: 1976196

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 36.1 28.4 42.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.652 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.12 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Tgt Ion: 70 Resp: 176112

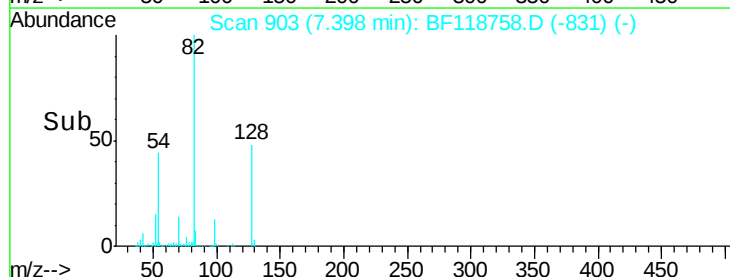
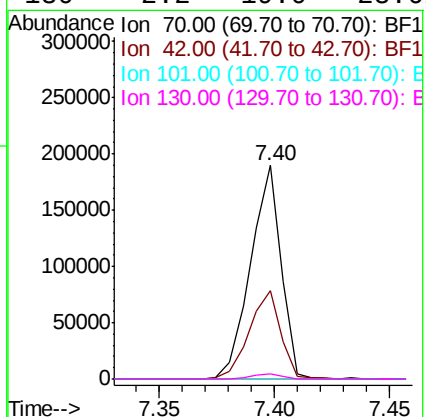
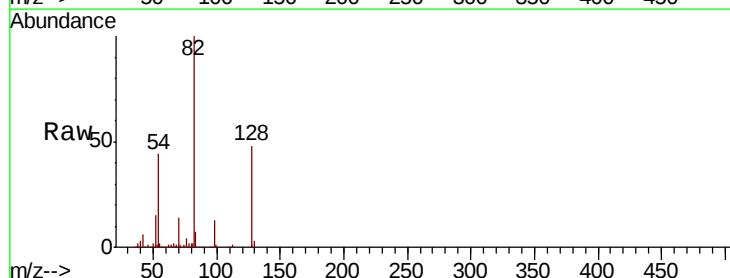
Ion Ratio Lower Upper

70 100

42 41.5 41.6 62.4#

101 0.0 7.9 11.9#

130 2.2 19.0 28.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1030366

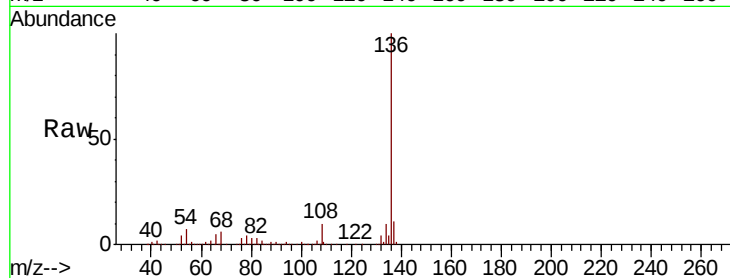
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.6 5.1 7.7

68 5.7 4.3 6.5

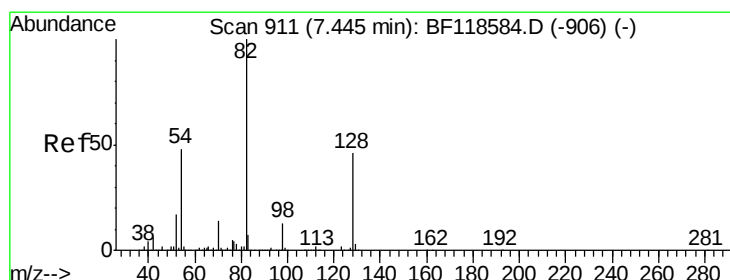
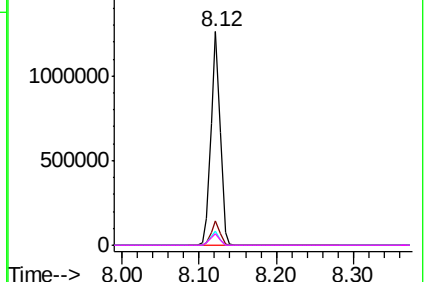
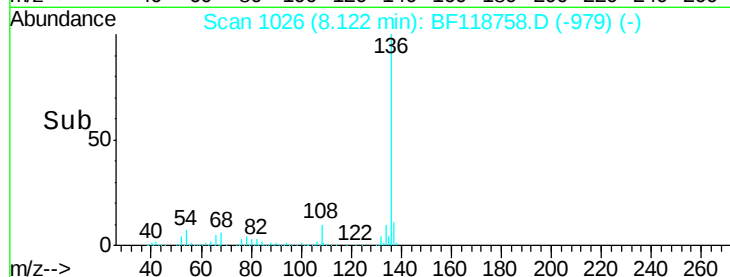


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.579 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

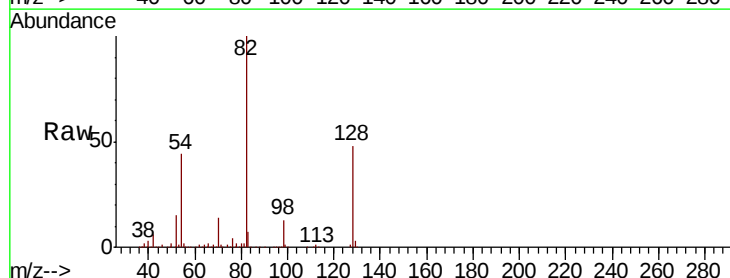
Tgt Ion: 82 Resp: 1300139

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.2

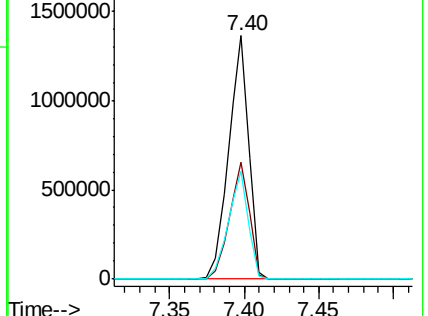
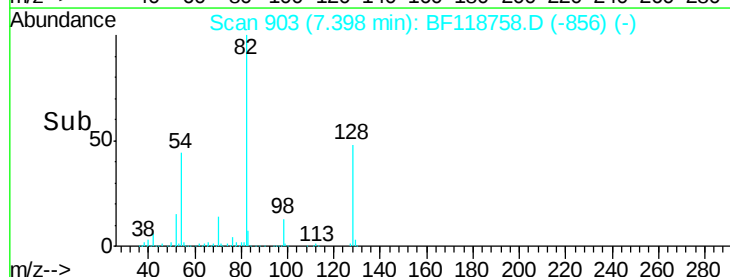
54 44.5 36.1 54.1

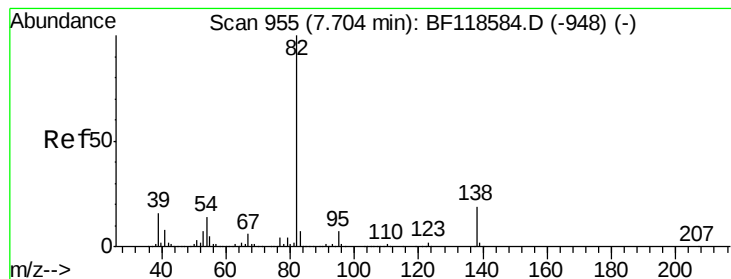


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.695 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Instrument :

BNA_F

ClientSampleId :

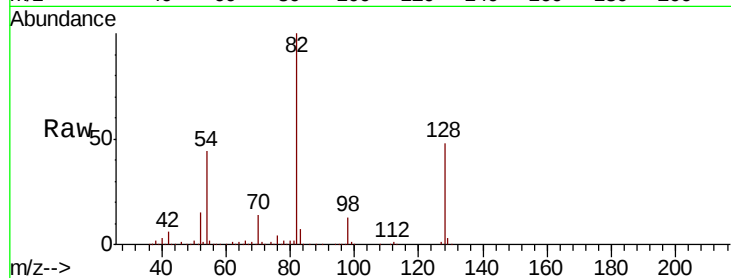
Tot Ion: 82 Resp: 1300125

Ion Ratio Lower Upper

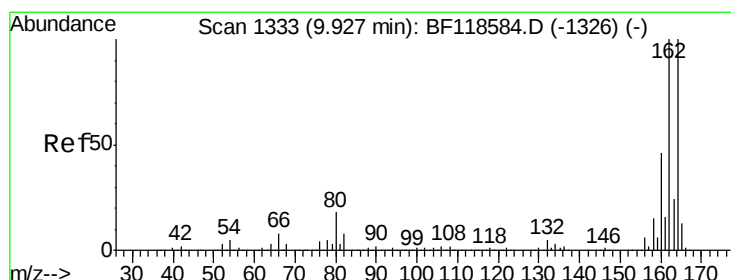
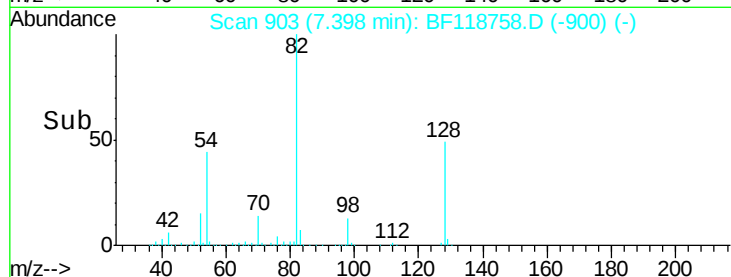
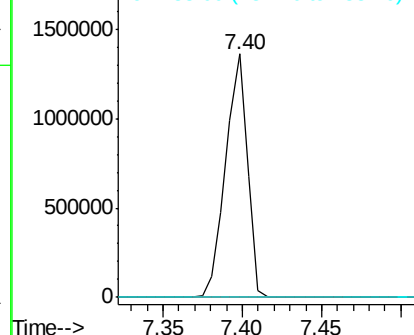
82 100

95 0.0 5.8 8.8#

138 0.0 15.8 23.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

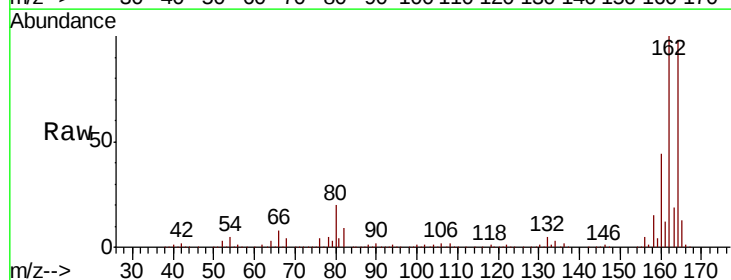
Tgt Ion:164 Resp: 600207

Ion Ratio Lower Upper

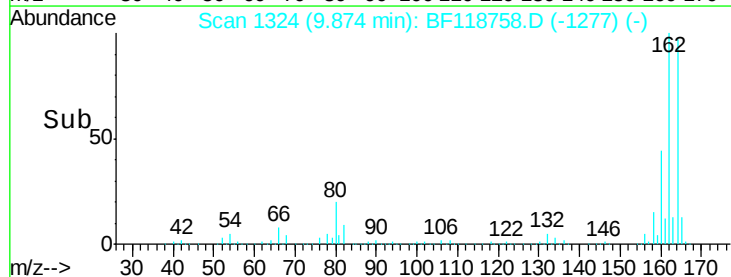
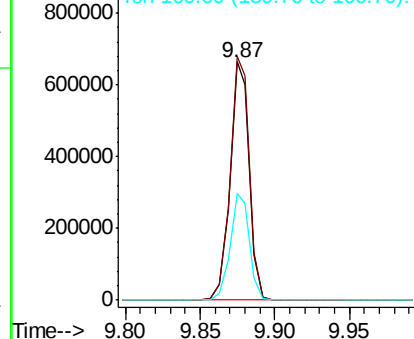
164 100

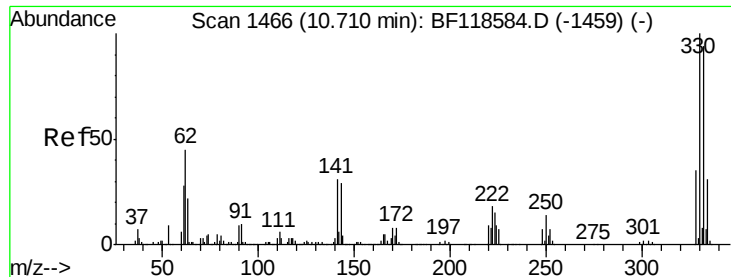
162 102.3 80.8 121.2

160 44.9 35.4 53.0



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

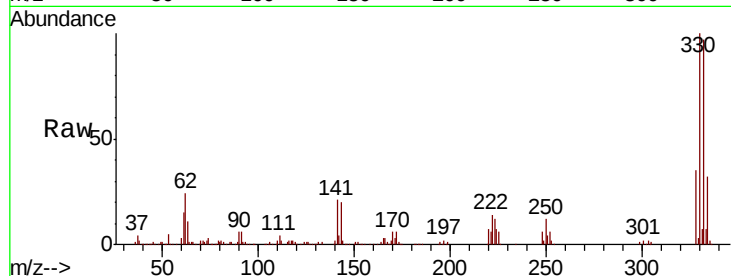




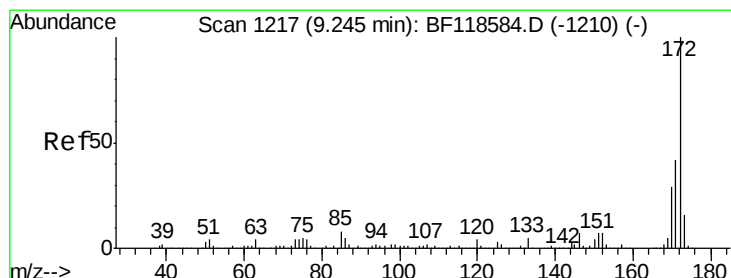
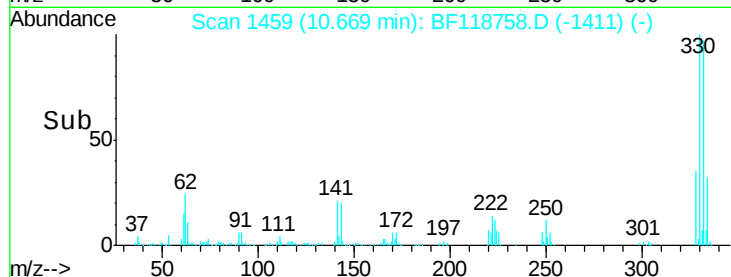
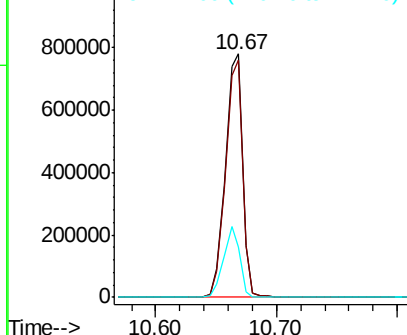
#42
 2,4,6-Tribromophenol
 Concen: 111.337 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 772918
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.6 116.4
 141 27.5 22.2 33.2

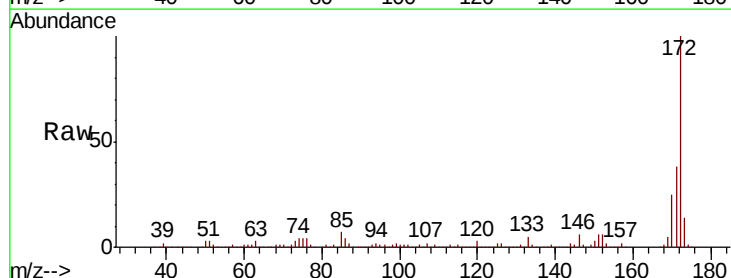


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

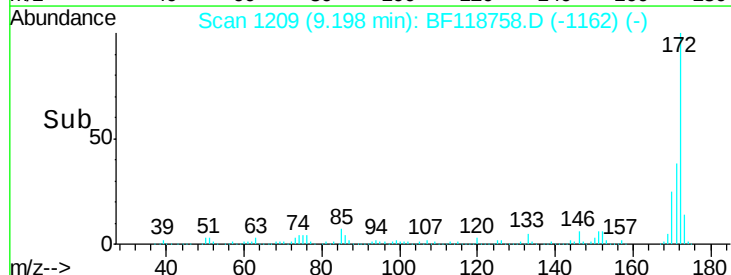
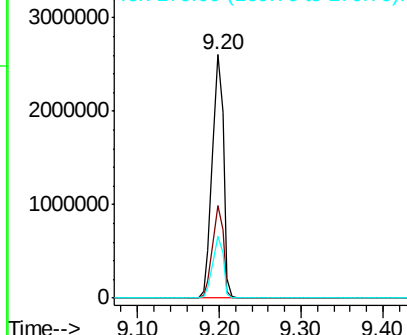


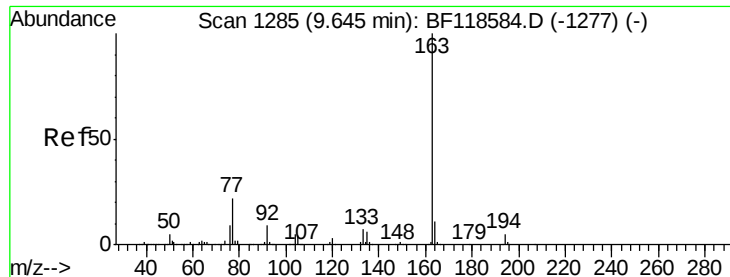
#45
 2-Fluorobiphenyl
 Concen: 68.204 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Tgt Ion:172 Resp: 2490640
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 25.2 20.7 31.1



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: 6.294 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.04 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Instrument :

BNA_F

ClientSampleId :

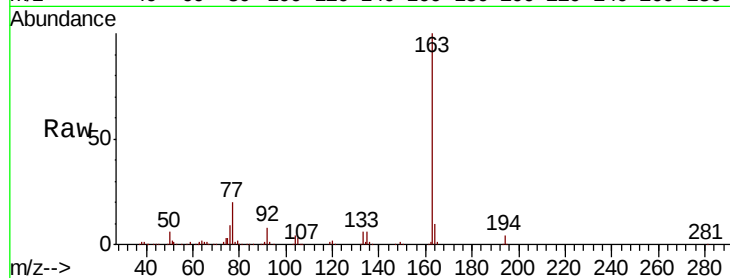
Tot Ion:163 Resp: 246118

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

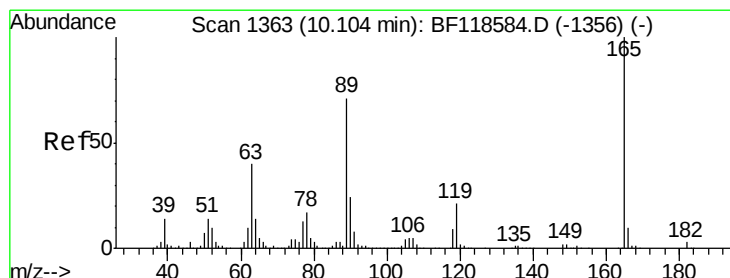
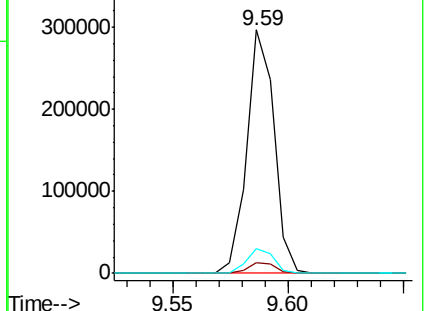
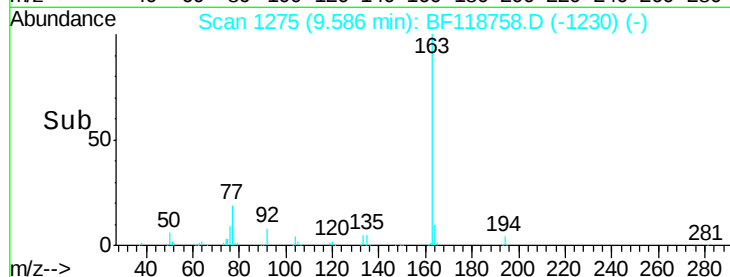
164 10.2 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 7.111 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Tgt Ion:165 Resp: 78493

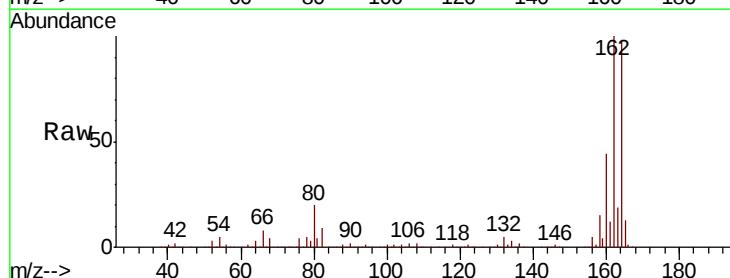
Ion Ratio Lower Upper

165 100

63 1.2 28.5 42.7#

89 1.1 50.4 75.6#

182 0.0 2.3 3.5#

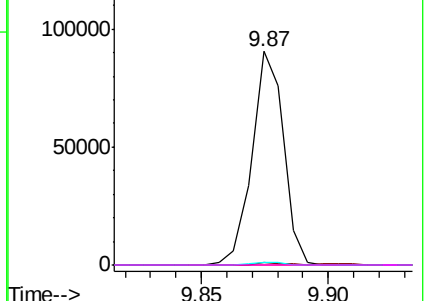
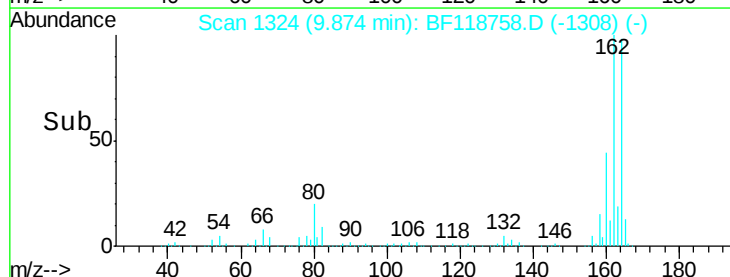


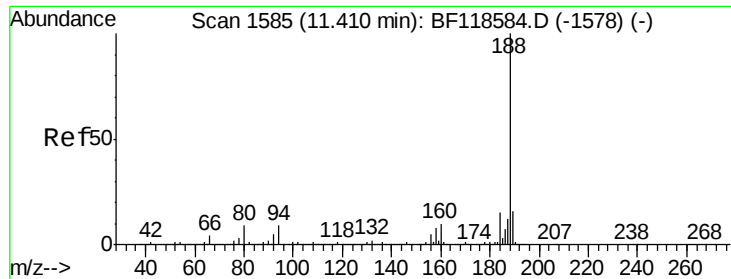
Abundance Ion 165.00 (164.70 to 165.70): E

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

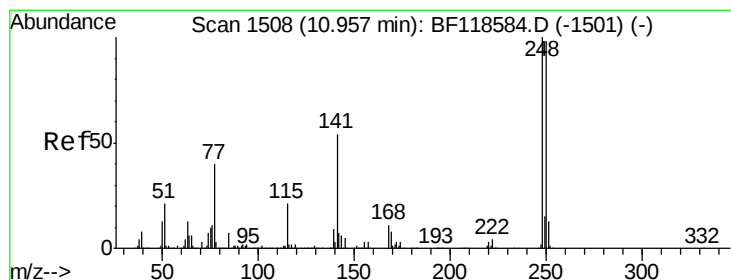
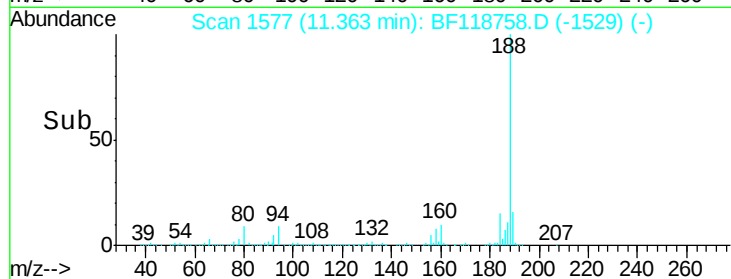
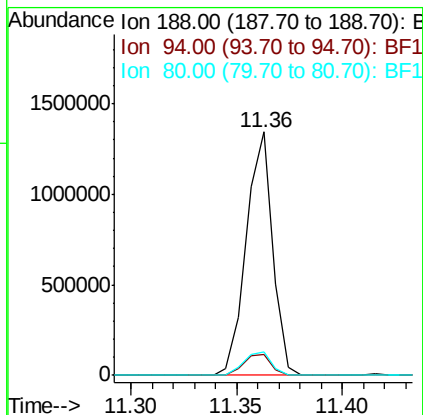
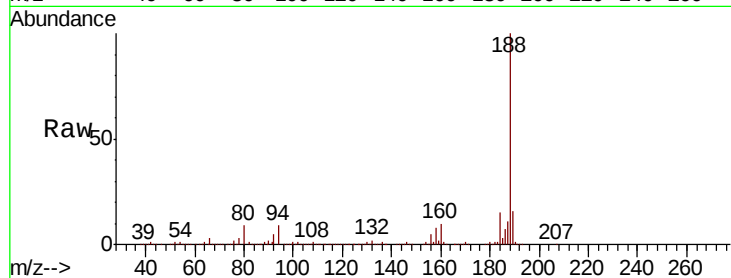




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

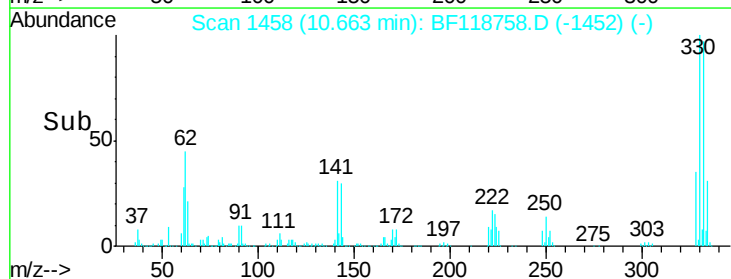
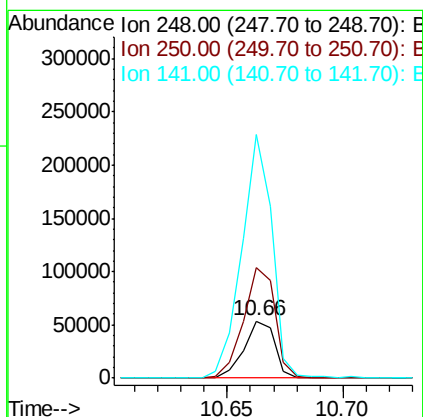
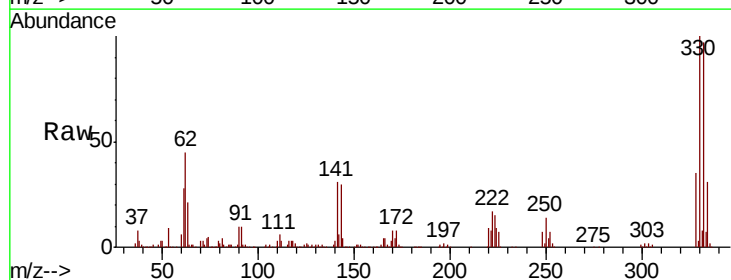
Instrument :
 BNA_F
 ClientSampleId :

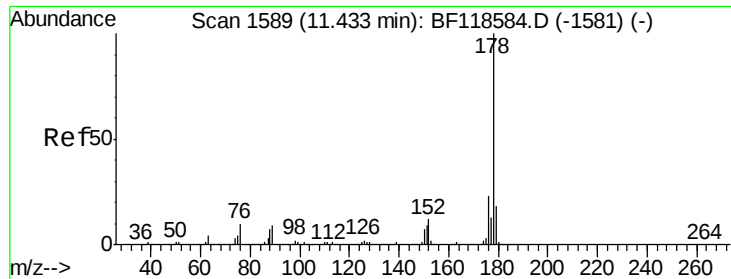
Tot Ion:188 Resp: 1167129
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.4 11.2
 80 9.5 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.498 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.26 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Tgt Ion:248 Resp: 50440
 Ion Ratio Lower Upper
 248 100
 250 194.0 78.7 118.1#
 141 426.2 48.4 72.6#

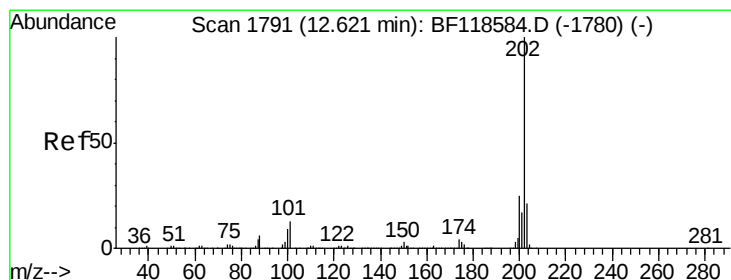
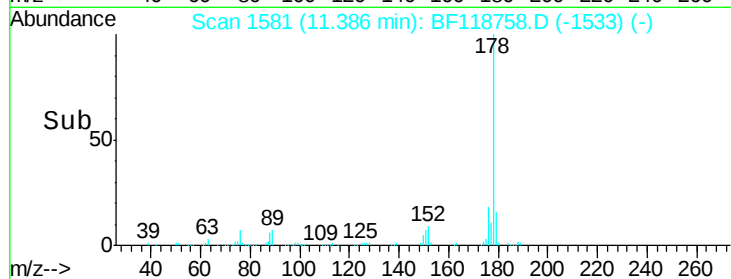
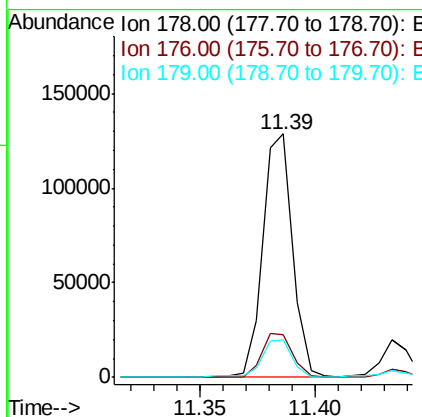
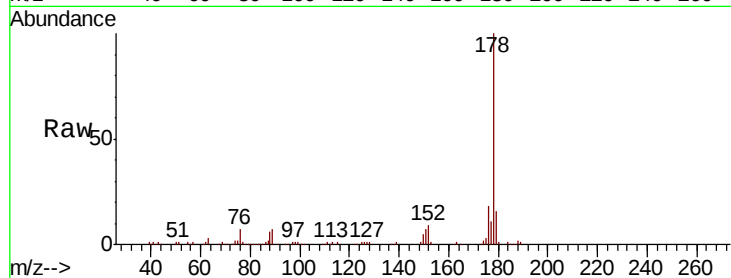




#71
Phenanthrene
Concen: 2.052 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

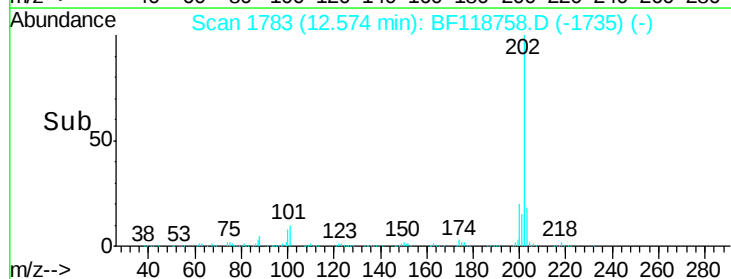
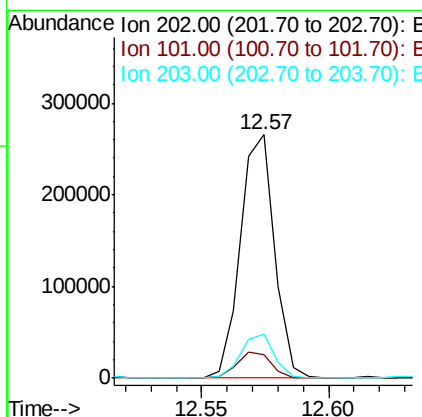
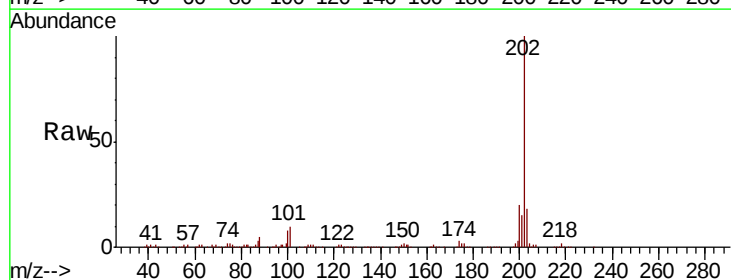
Instrument :
BNA_F
ClientSampleId :

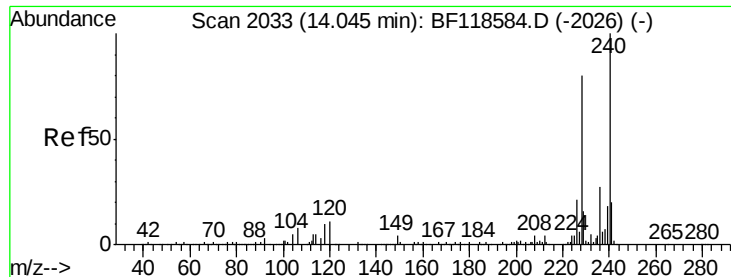
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.5	24.7
179	15.6	13.3	19.9



#75
Fluoranthene
Concen: 4.157 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.1
203	18.0	0.0	38.9

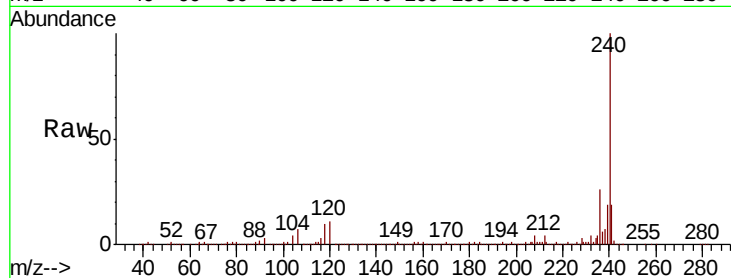




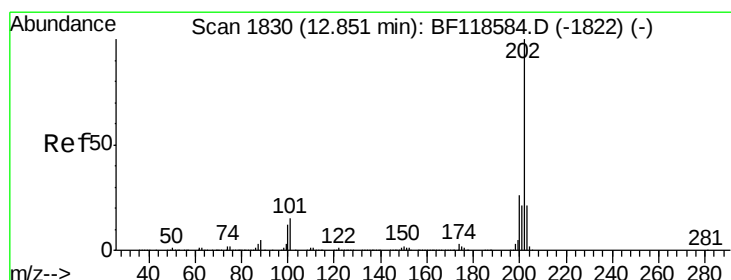
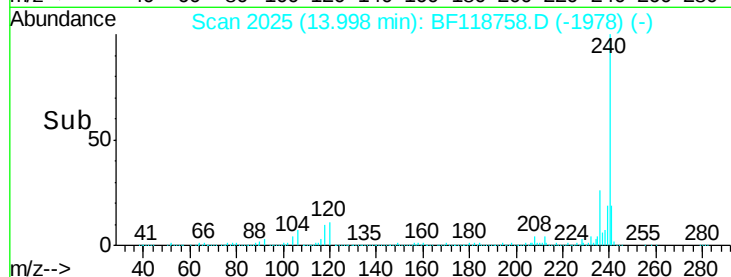
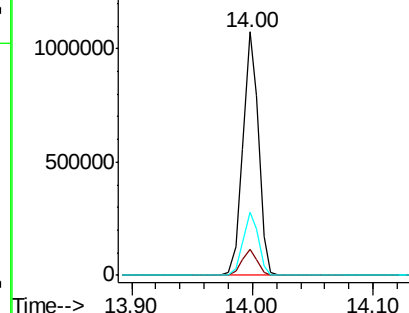
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 973757
Ion Ratio Lower Upper
240 100
120 10.7 7.6 11.4
236 25.9 21.0 31.4

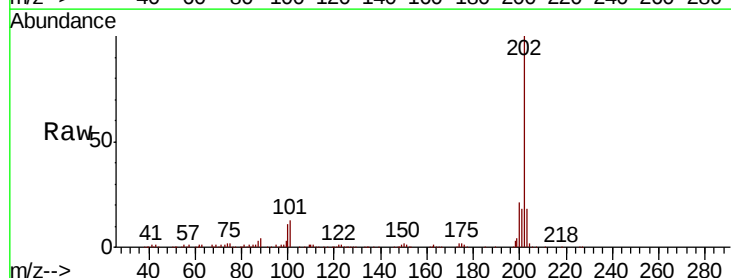


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

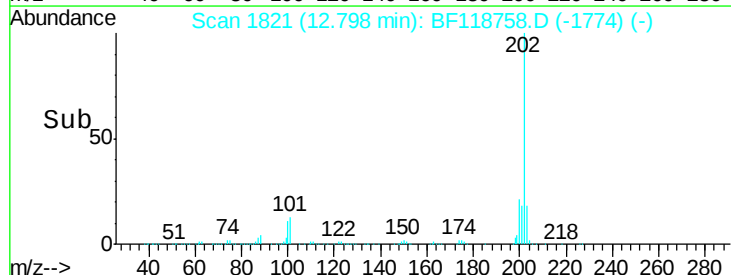
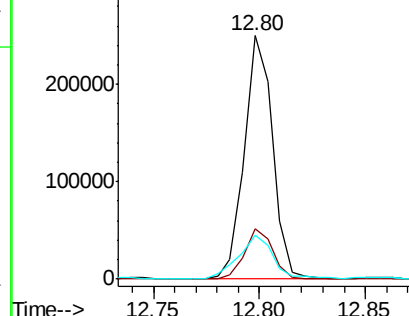


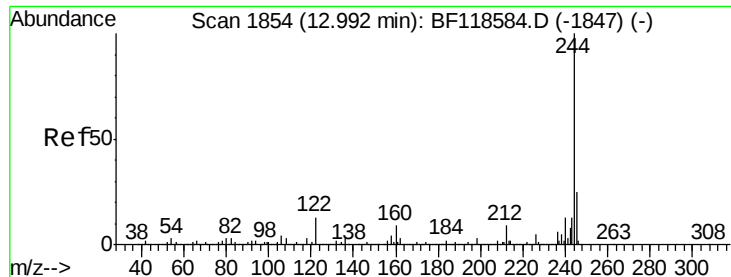
#78
Pyrene
Concen: 3.509 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion:202 Resp: 231977
Ion Ratio Lower Upper
202 100
200 20.9 18.1 27.1
203 17.9 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

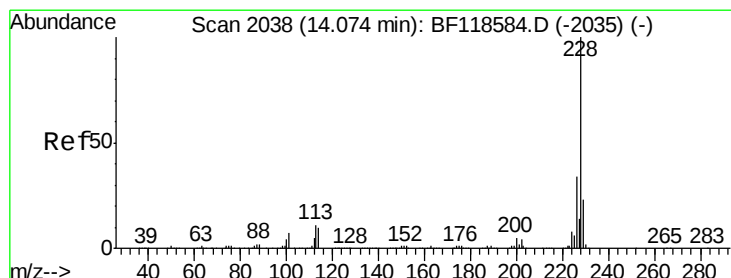
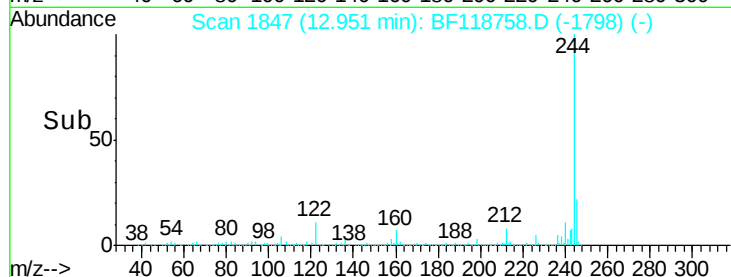
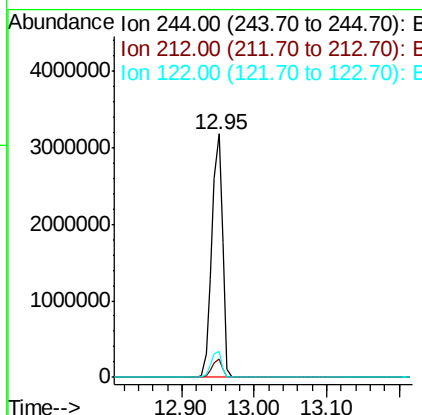
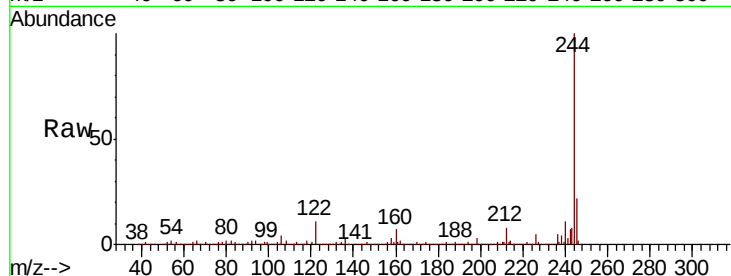




#79
 Terphenyl-d14
 Concen: 73.620 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

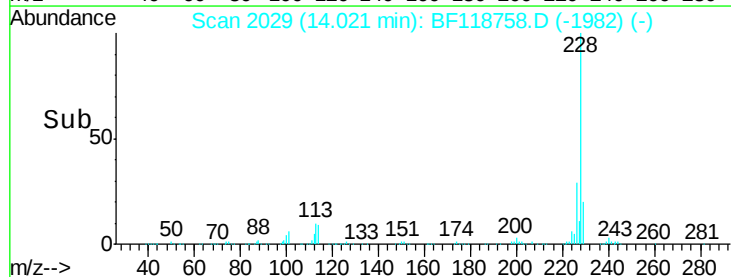
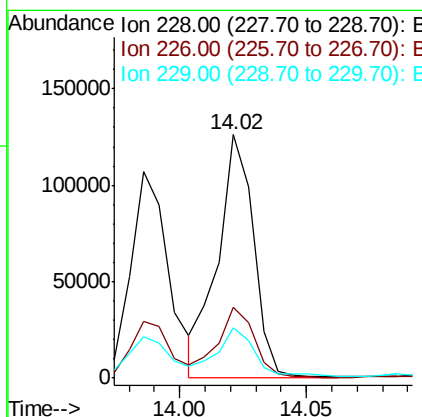
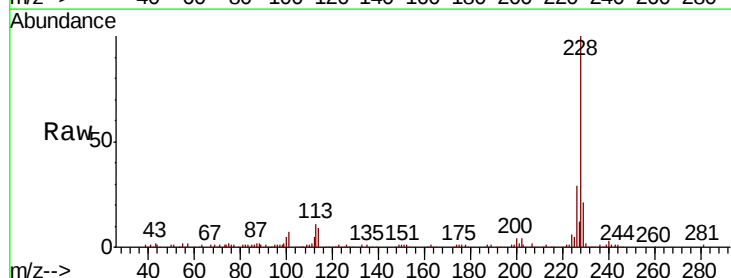
Instrument :
 BNA_F
 ClientSampleId :

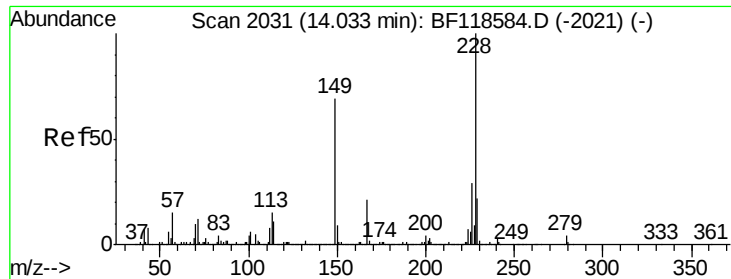
Tot Ion:244 Resp: 3286781
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 10.8 9.2 13.8



#83
 Chrysene
 Concen: 2.200 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Tgt Ion:228 Resp: 123513
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.6 38.4
 229 20.7 17.1 25.7

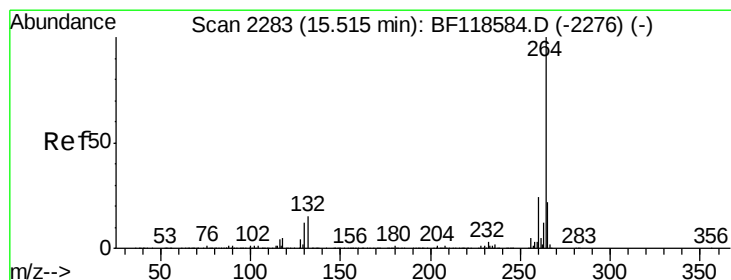
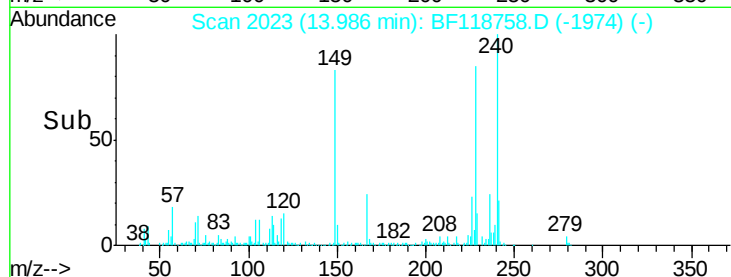
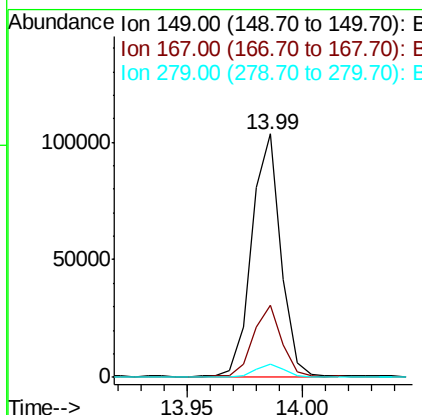
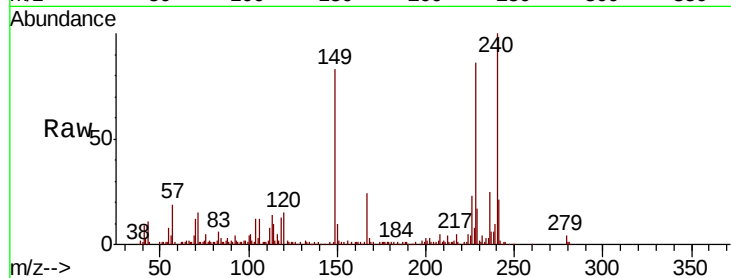




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.749 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

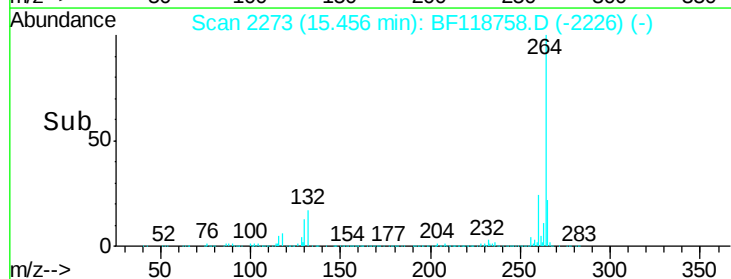
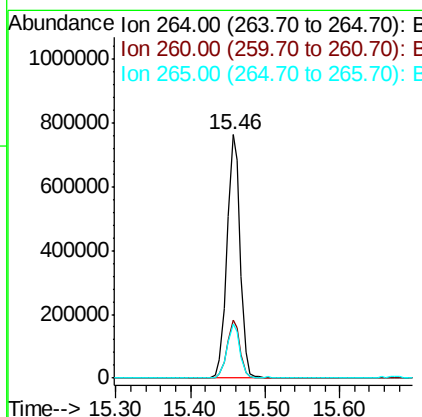
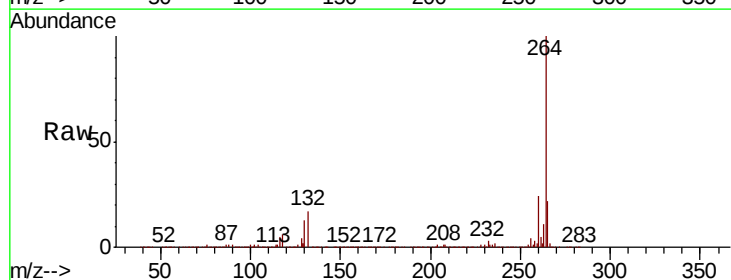
Instrument :
 BNA_F
 ClientSampleId :

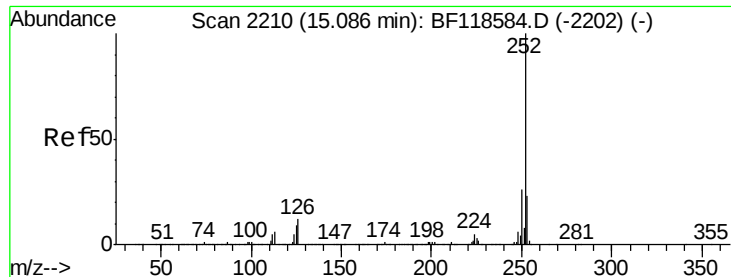
Tot Ion:149 Resp: 90882
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.6 35.4
 279 5.4 4.5 6.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Tgt Ion:264 Resp: 950269
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.1 17.0 25.6

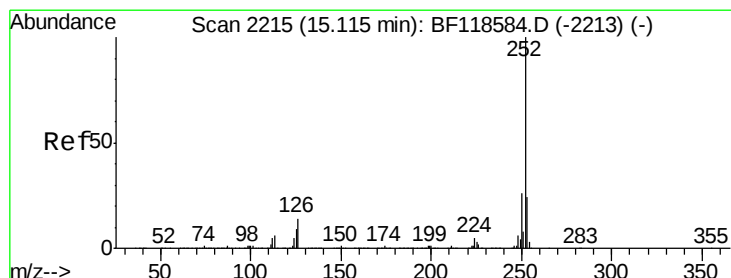
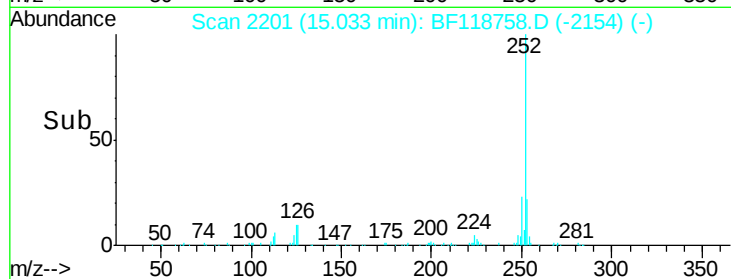
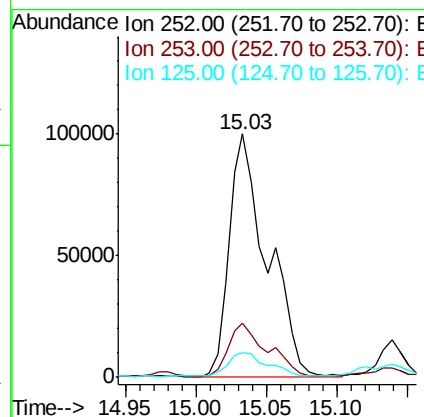
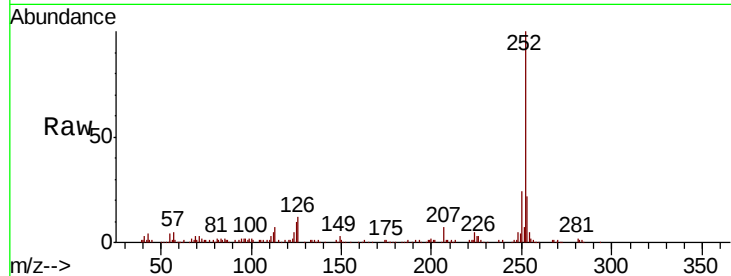




#88
Benzo(b)fluoranthene
Concen: 3.130 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.4	7.7	11.5



#89
Benzo(k)fluoranthene
Concen: 3.378 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.4	8.1	12.1

