

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118629.D
 Acq On : 21 Jan 2020 10:22
 Operator : CG/JU
 Sample : L1148-14 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 11:26:21 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	6.89	152	340777	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1206106	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	605081	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	950213	20.00	ng	0.00
76) Chrysene-d12	14.05	240	858253	20.00	ng	0.00
87) Perylene-d12	15.53	264	941733	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	353890	19.29	ng	0.00
7) Phenol-d6	6.50	99	461686	19.36	ng	-0.01
23) Nitrobenzene-d5	7.44	82	250039	11.60	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	103594	14.80	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	420650	11.43	ng	0.00
79) Terphenyl-d14	12.99	244	411575	10.46	ng	0.00

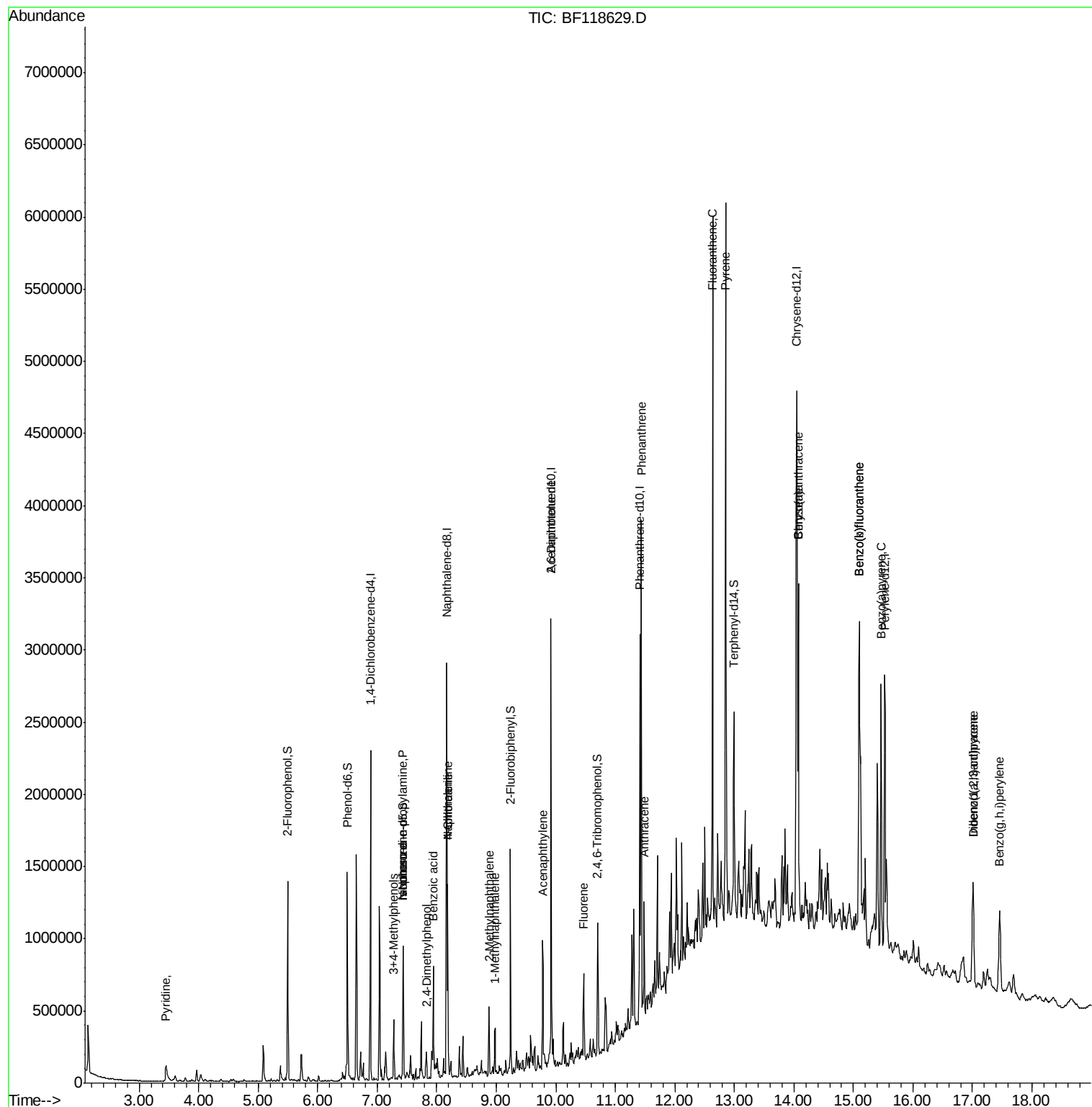
Target Compounds				Qvalue		
3) Pyridine	3.45	79	86256	3.444	ng	94
19) n-Nitroso-di-n-propylamine	7.43	70	34457	2.140	ng	# 83
20) 3+4-Methylphenols	7.27	107	88955	4.247	ng	# 66
25) Isophorone	7.44	82	247136	6.284	ng	# 64
27) 2,4-Dimethylphenol	7.83	122	39700	2.442	ng	# 91
31) Naphthalene	8.19	128	525227	9.640	ng	97
32) Benzoic acid	7.95	122	142704	11.695	ng	# 12
33) 4-Chloroaniline	8.19	127	71585	2.843	ng	# 36
37) 2-Methylnaphthalene	8.88	142	102473	2.665	ng	97
38) 1-Methylnaphthalene	8.98	142	77213	2.113	ng	98
49) Acenaphthylene	9.78	152	354312	7.165	ng	94
51) 2,6-Dinitrotoluene	9.92	165	82444	9.339	ng	# 22
58) Fluorene	10.47	166	146559	4.074	ng	99
71) Phenanthrene	11.43	178	1164772	25.408	ng	95
72) Anthracene	11.49	178	317844	7.007	ng	94
75) Fluoranthene	12.63	202	1719806	35.570	ng	96
78) Pyrene	12.86	202	1879408	32.255	ng	94
81) Benzo(a)anthracene	14.07	228	882125	17.086	ng	98
83) Chrysene	14.07	228	882125	17.828	ng	97
86) Indeno(1,2,3-cd)pyrene	17.01	276	516047	12.003	ng	97
88) Benzo(b)fluoranthene	15.10	252	1671408	28.236	ng	99
89) Benzo(k)fluoranthene	15.10	252	1671408	30.477	ng	99
90) Benzo(a)pyrene	15.47	252	887767	17.386	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	125574	2.780	ng	# 90
92) Benzo(g,h,i)perylene	17.46	276	485054	11.060	ng	98

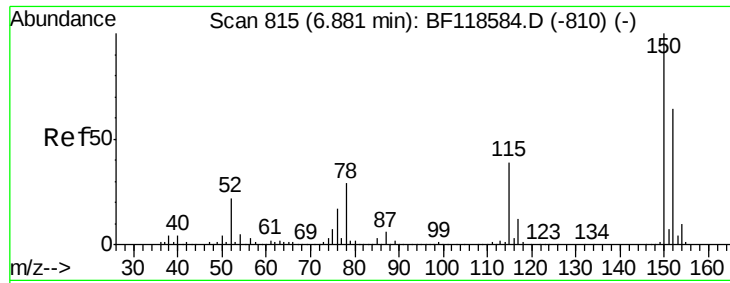
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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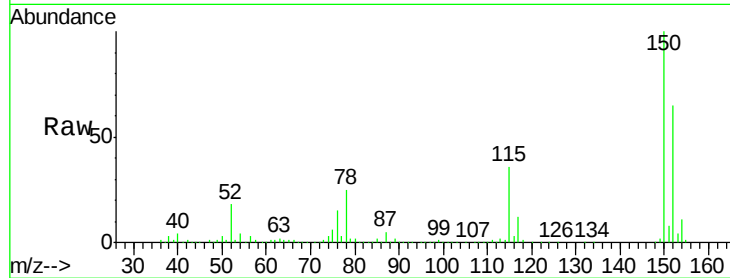




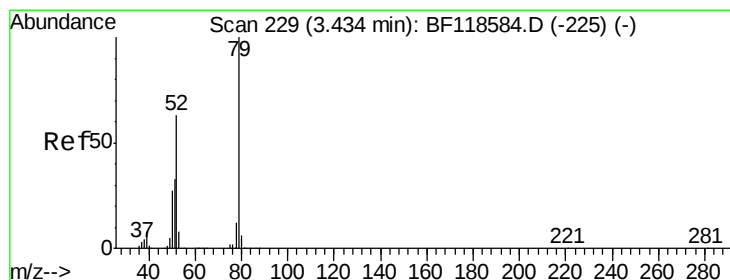
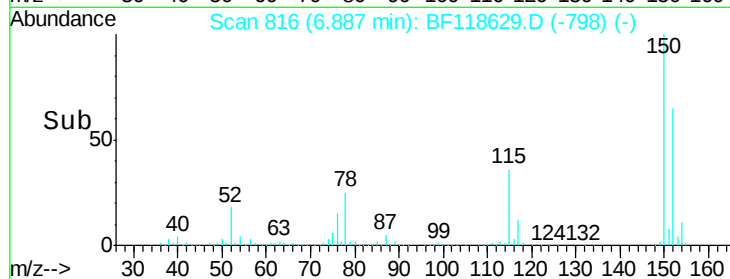
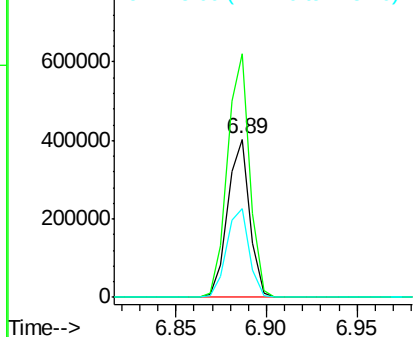
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.6	188.4
115	56.2	48.4	72.6

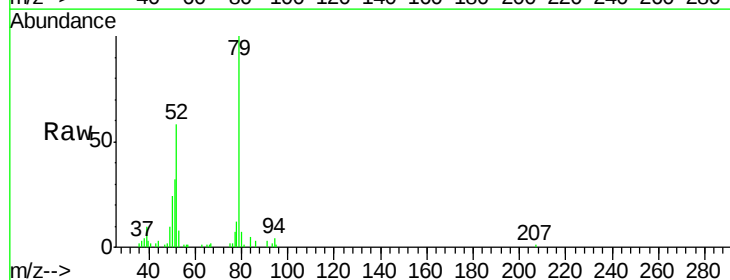


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

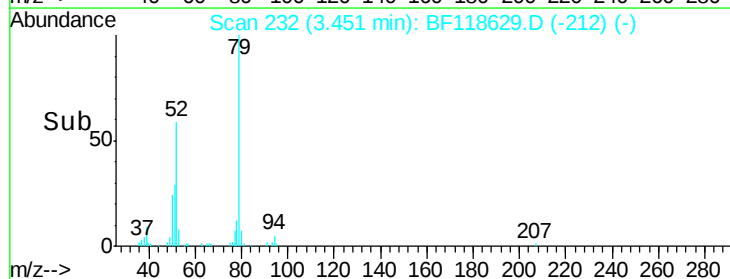
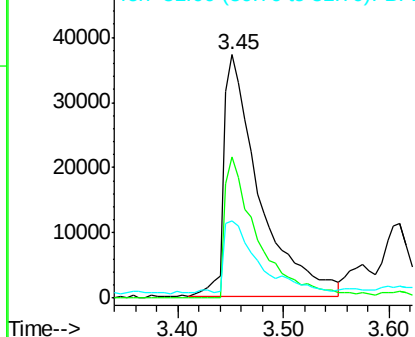


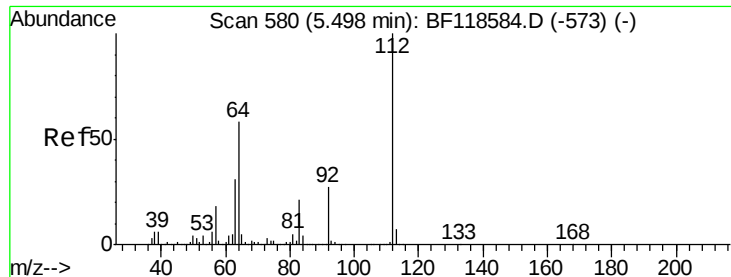
#3
 Pyridine
 Concen: 3.444 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.02 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

Tgt Ion	Ratio	Lower	Upper
79	100		
52	58.0	50.7	76.1
51	31.6	26.6	40.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 19.287 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_F

ClientSampleId :

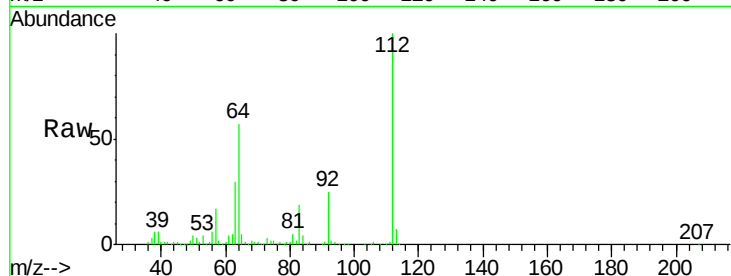
Tot Ion:112 Resp: 353890

Ion Ratio Lower Upper

112 100

64 56.6 46.6 70.0

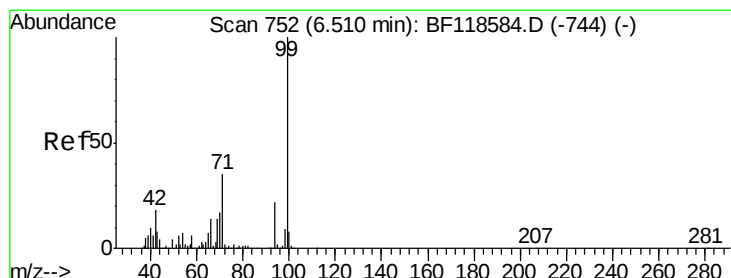
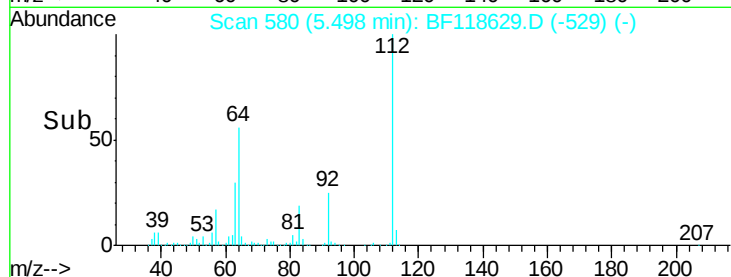
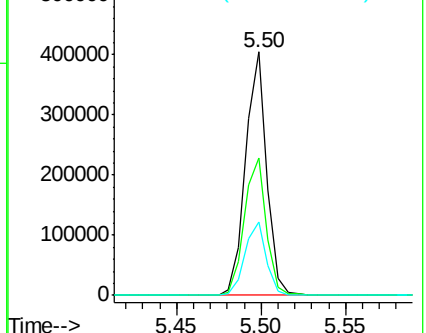
63 30.3 25.1 37.7



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: 19.359 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

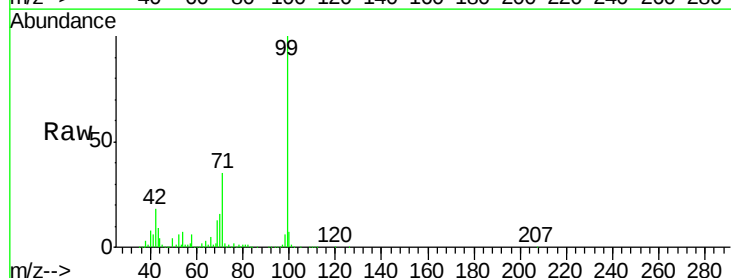
Tgt Ion: 99 Resp: 461686

Ion Ratio Lower Upper

99 100

42 18.4 14.2 21.2

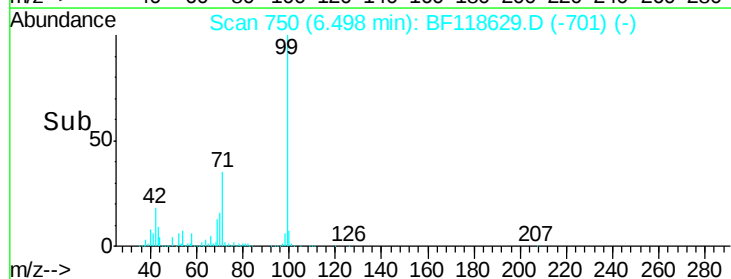
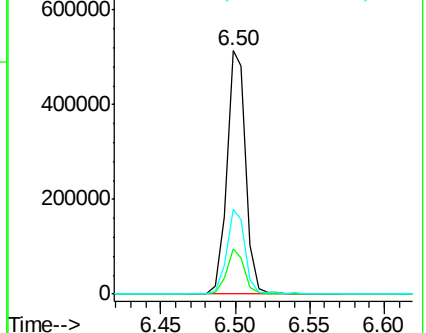
71 34.9 27.8 41.6

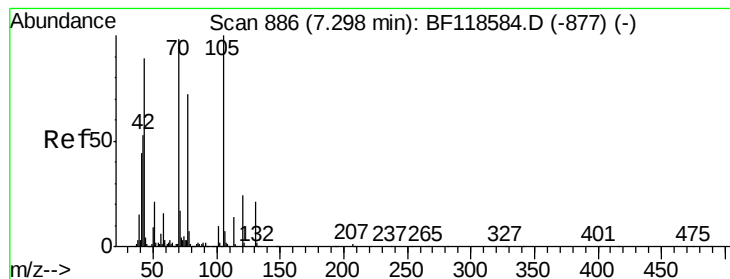


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 2.140 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Instrument :

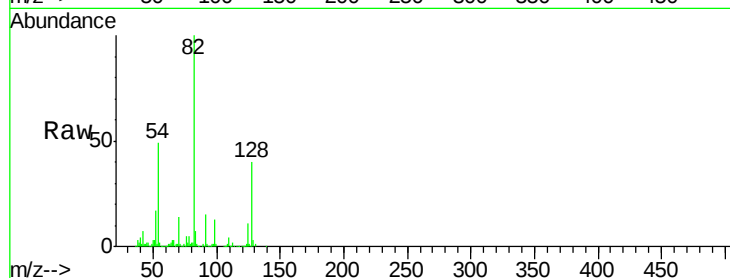
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 34457

Ion Ratio Lower Upper

70	100		
42	48.8	43.4	65.0
101	0.0	8.1	12.1#
130	4.4	17.6	26.4#



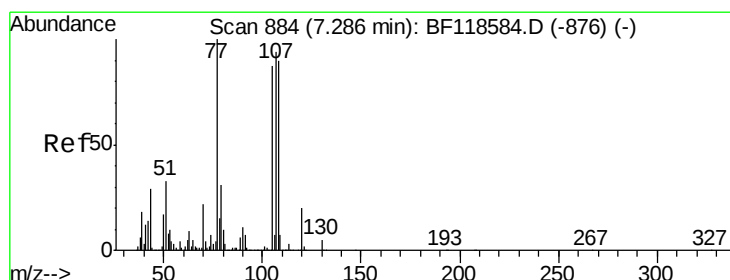
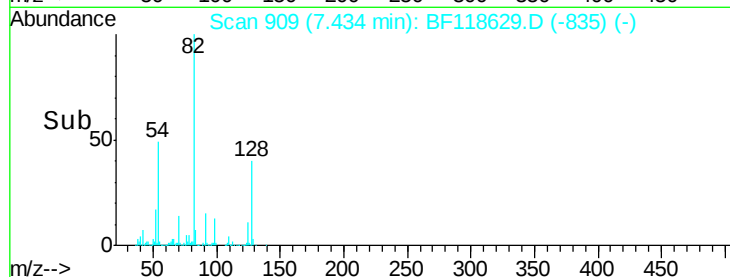
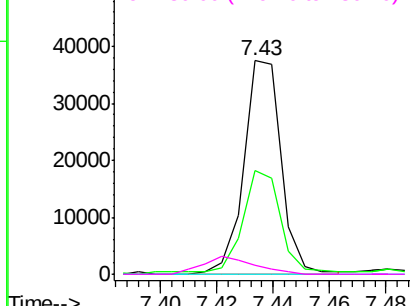
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 4.247 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Tgt Ion: 107 Resp: 88955

Ion Ratio Lower Upper

107	100		
108	85.4	75.8	115.8
77	42.1	86.5	126.5#
79	25.0	12.9	52.9

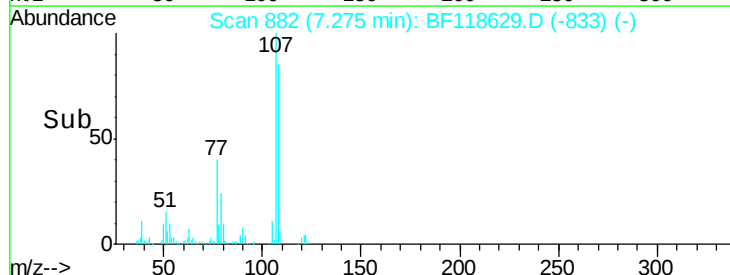
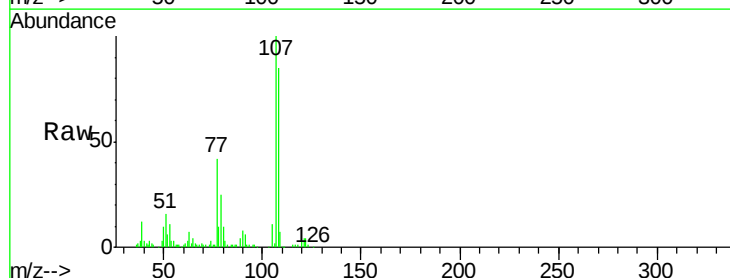
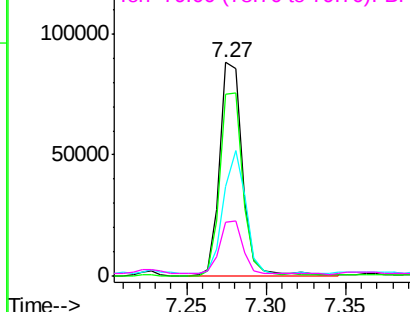
Abundance

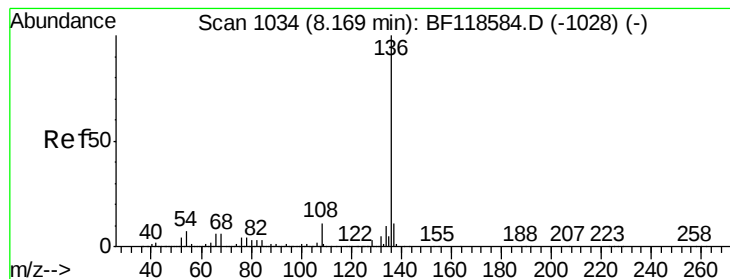
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1206106

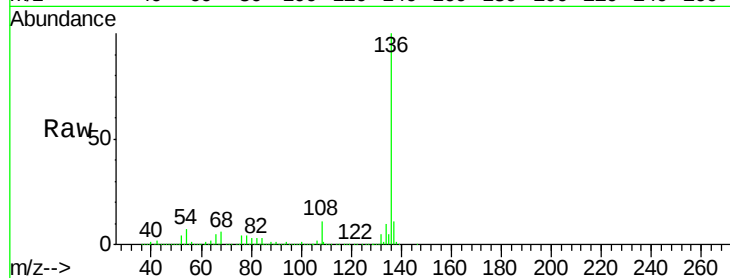
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.9 5.8 8.6

68 5.7 5.0 7.4

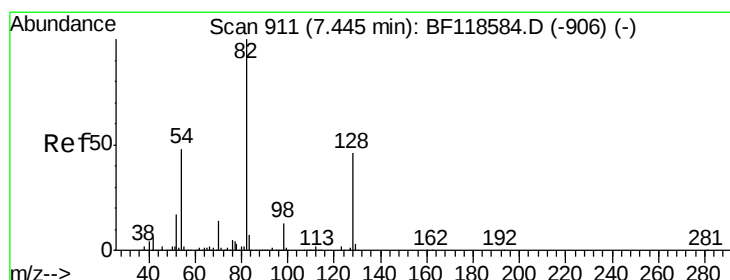
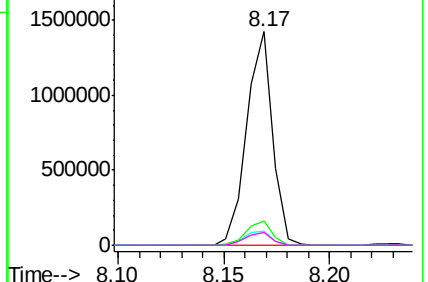
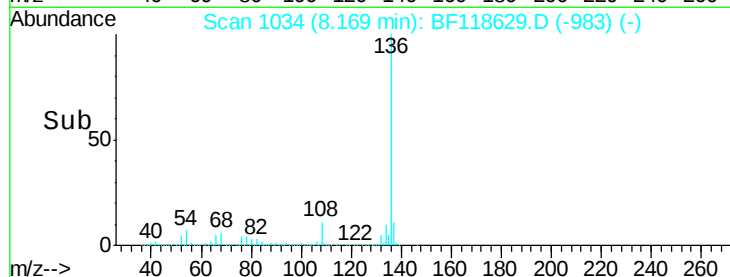


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.596 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

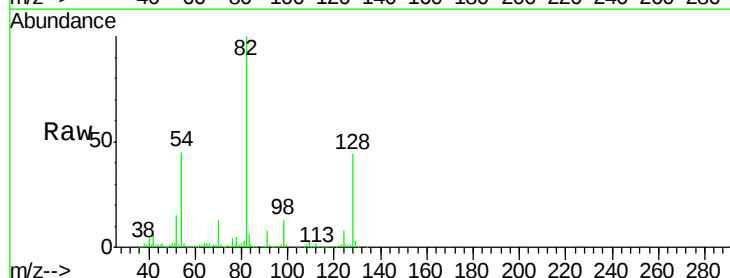
Tgt Ion: 82 Resp: 250039

Ion Ratio Lower Upper

82 100

128 44.2 36.6 54.8

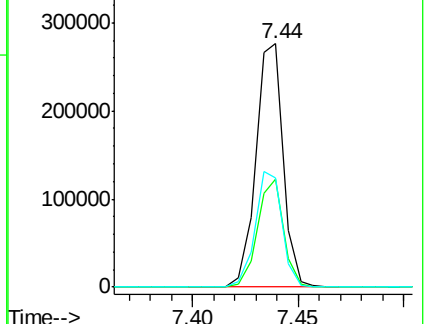
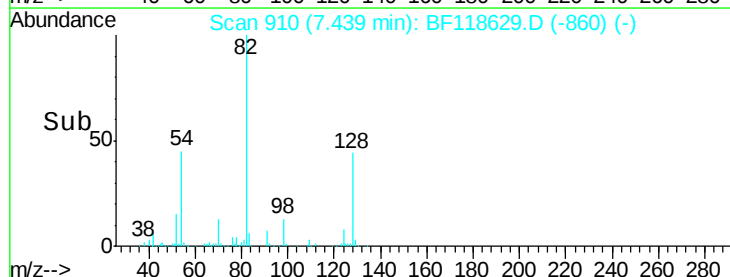
54 44.8 38.0 57.0

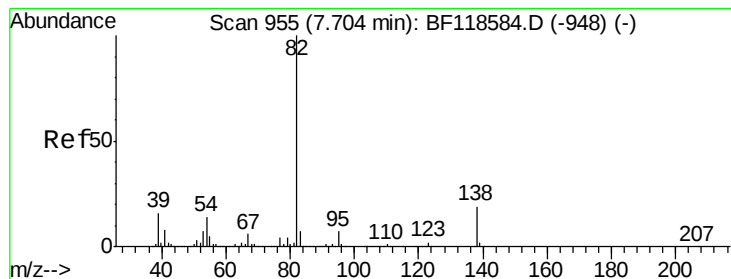


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.284 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_F

ClientSampleId :

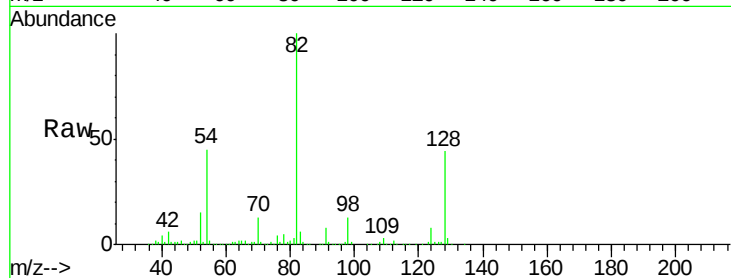
Tot Ion: 82 Resp: 247136

Ion Ratio Lower Upper

82 100

95 0.2 5.9 8.9#

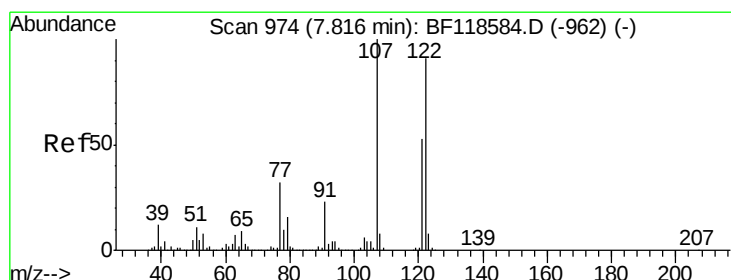
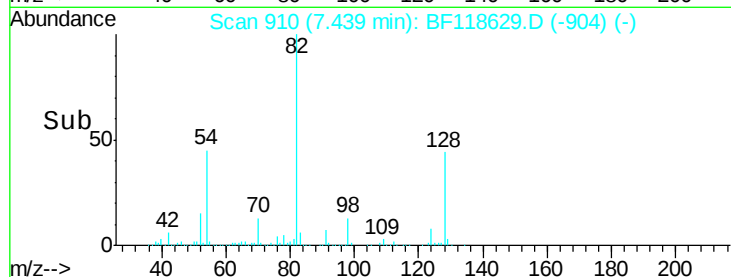
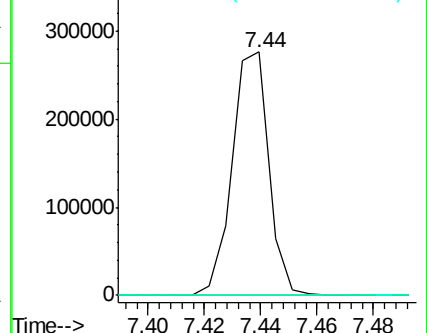
138 0.0 15.3 22.9#



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



#27

2,4-Dimethylphenol

Concen: 2.442 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

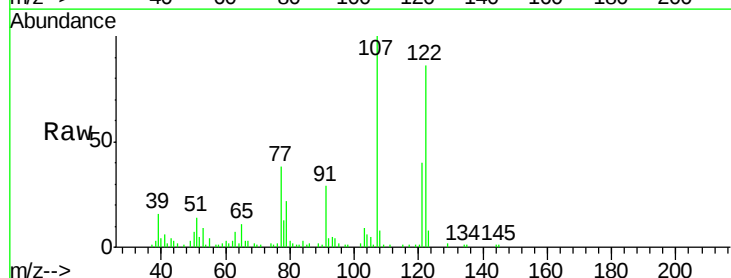
Tgt Ion:122 Resp: 39700

Ion Ratio Lower Upper

122 100

107 116.0 88.0 132.0

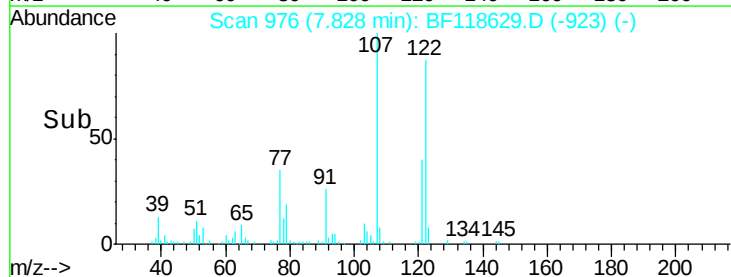
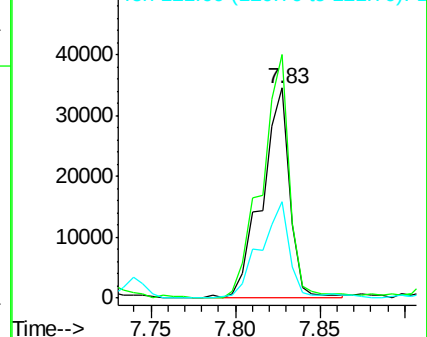
121 46.0 46.3 69.5#

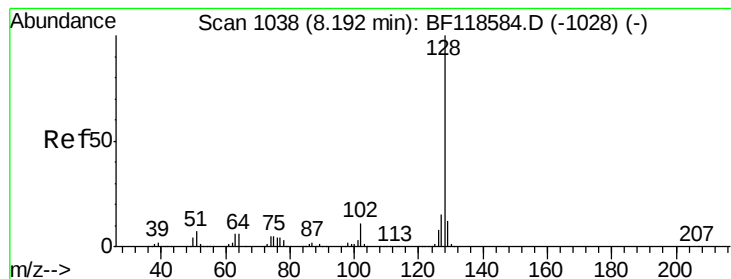


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 9.640 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

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ClientSampleId :

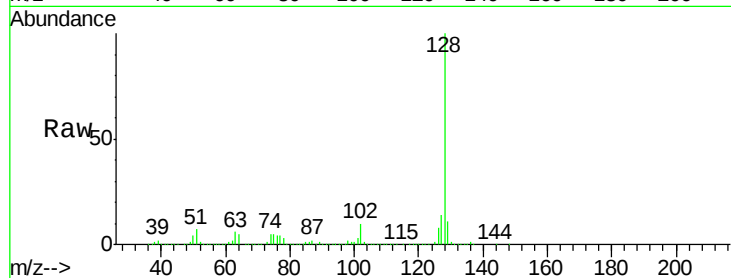
Tot Ion:128 Resp: 525227

Ion Ratio Lower Upper

128 100

129 11.4 9.9 14.9

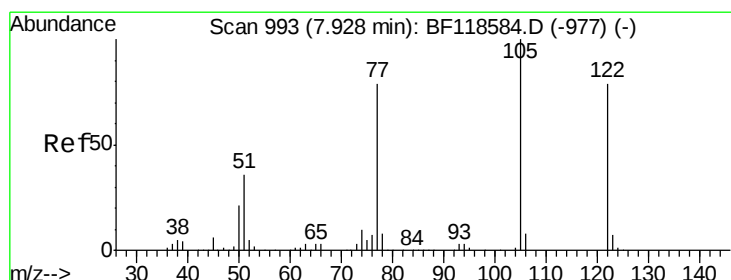
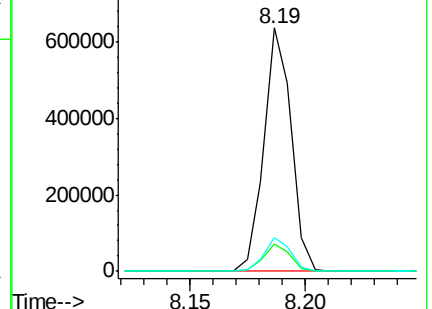
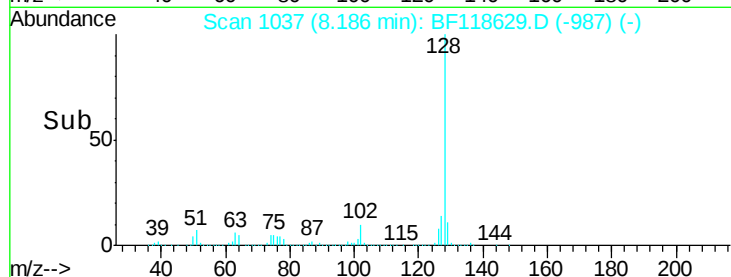
127 13.6 12.0 18.0



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



#32

Benzoic acid

Concen: 11.695 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

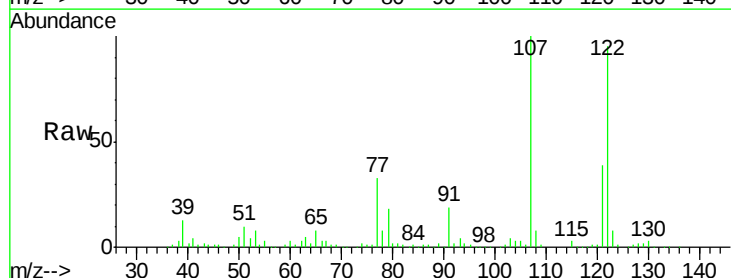
Tgt Ion:122 Resp: 142704

Ion Ratio Lower Upper

122 100

105 3.7 104.3 144.3#

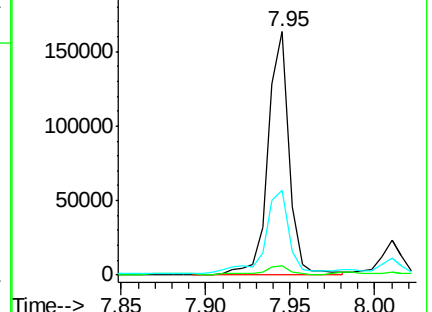
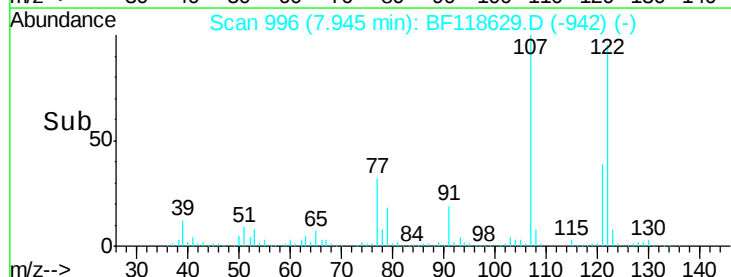
77 34.6 79.4 119.4#

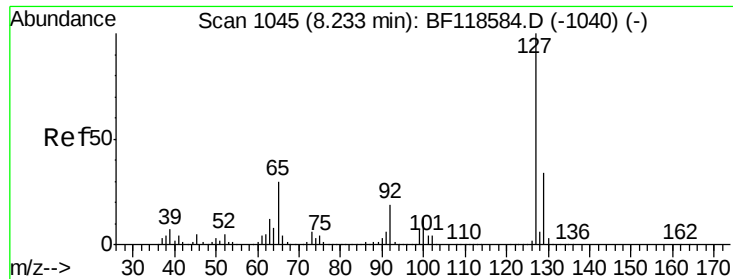


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

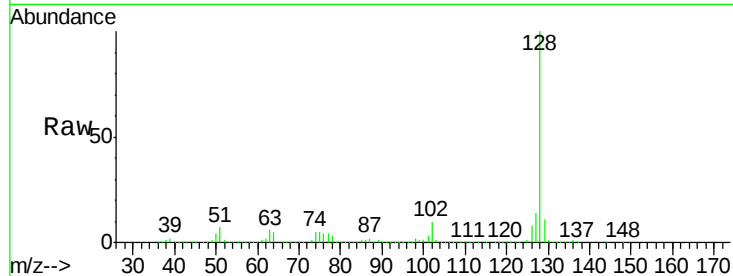




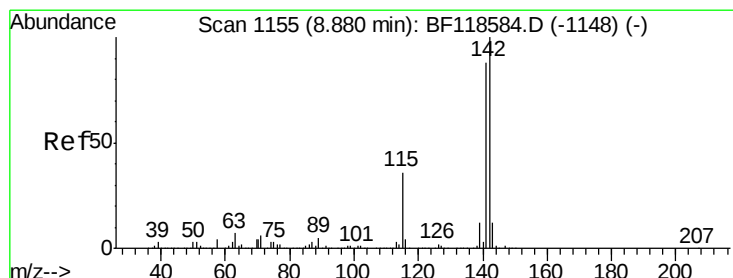
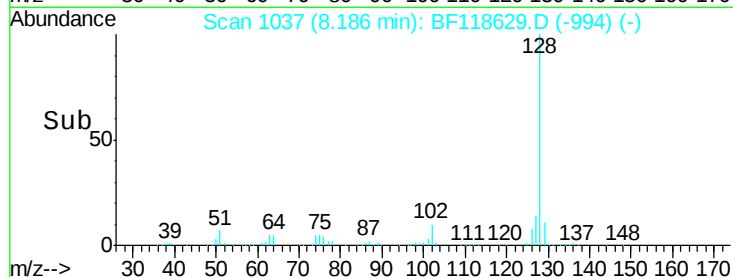
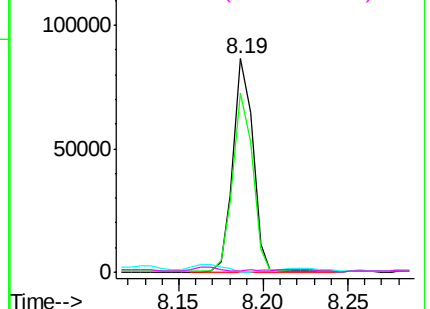
#33
4-Chloroaniline
Concen: 2.843 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 71585
Ion Ratio Lower Upper
127 100
129 83.8 27.4 41.0#
65 0.0 23.6 35.4#
92 0.9 15.0 22.4#

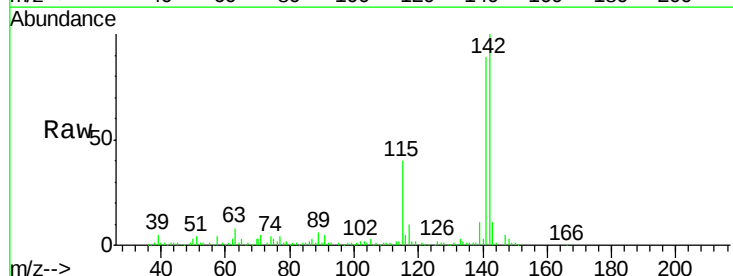


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

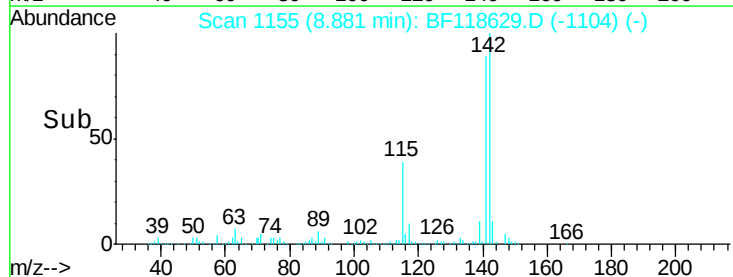
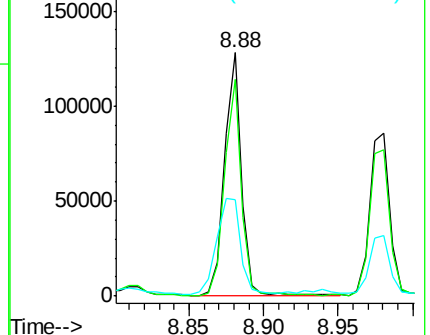


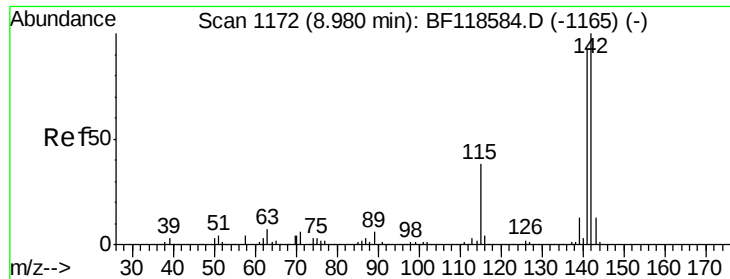
#37
2-Methylnaphthalene
Concen: 2.665 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Tgt Ion:142 Resp: 102473
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 39.7 28.5 42.7



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

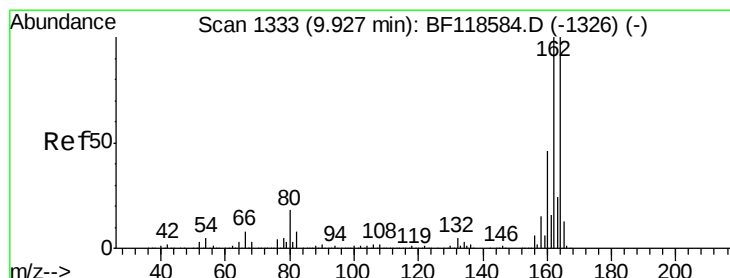
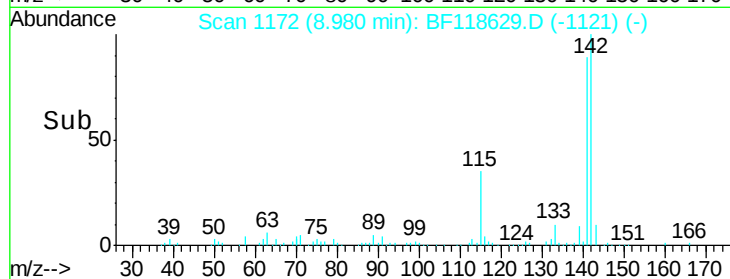
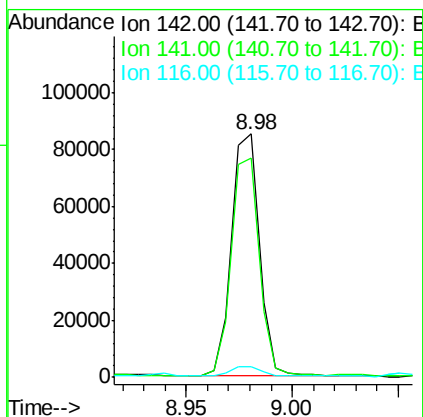
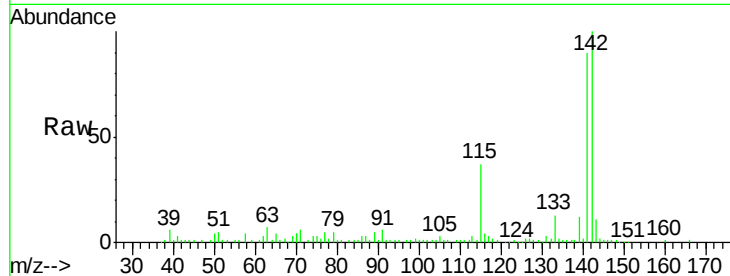




#38
 1-Methylnaphthalene
 Concen: 2.113 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

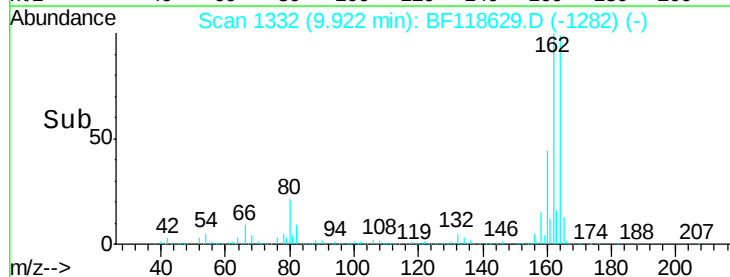
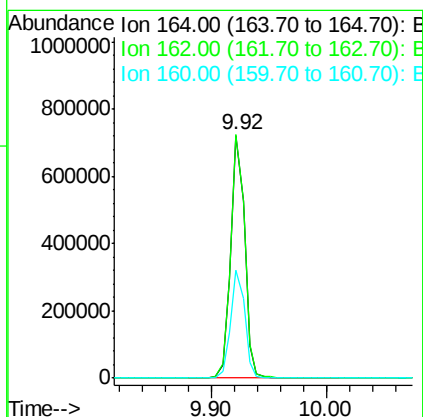
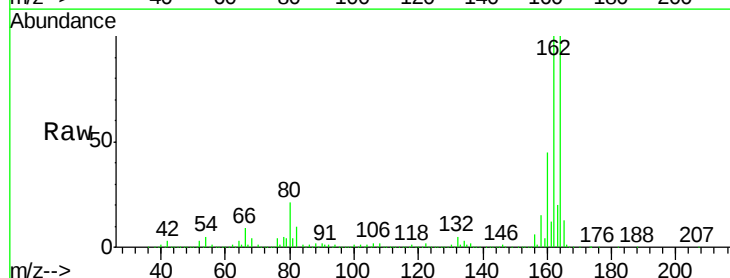
Instrument :
 BNA_F
 ClientSampleId :

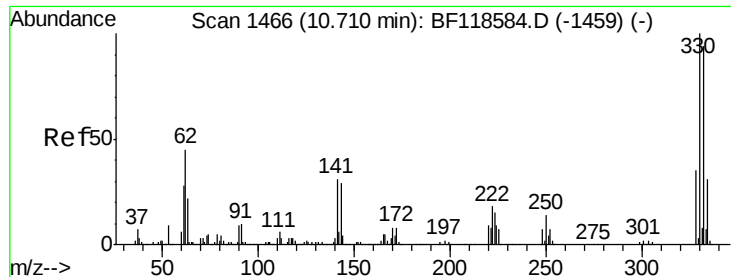
Tot Ion:142 Resp: 77213
 Ion Ratio Lower Upper
 142 100
 141 90.1 73.4 110.2
 116 4.3 3.3 4.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

Tgt Ion:164 Resp: 605081
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.4 120.6
 160 44.7 36.6 55.0

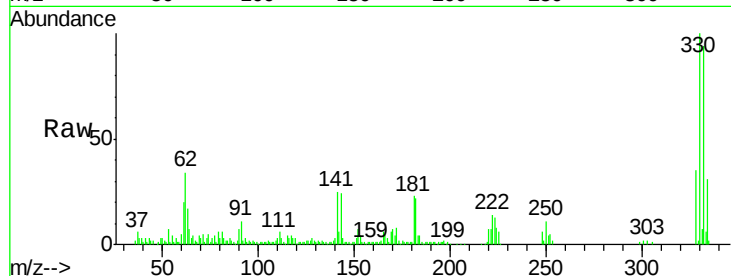




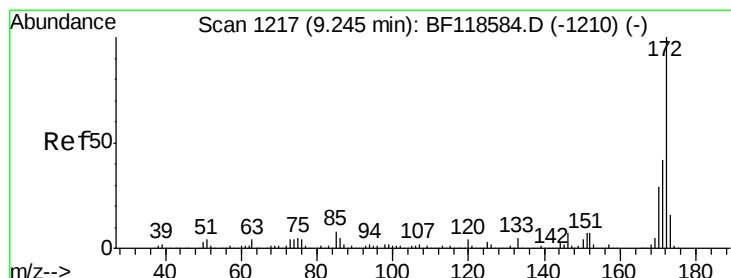
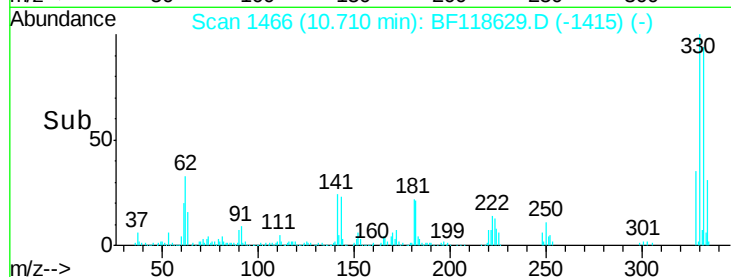
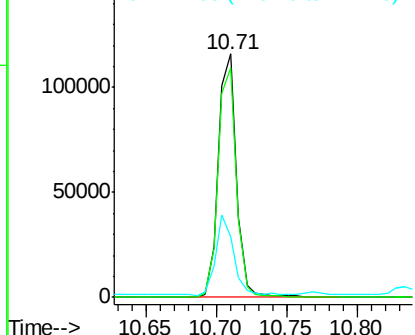
#42
 2,4,6-Tribromophenol
 Concen: 14.802 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 103594
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.4
 141 32.1 23.9 35.9

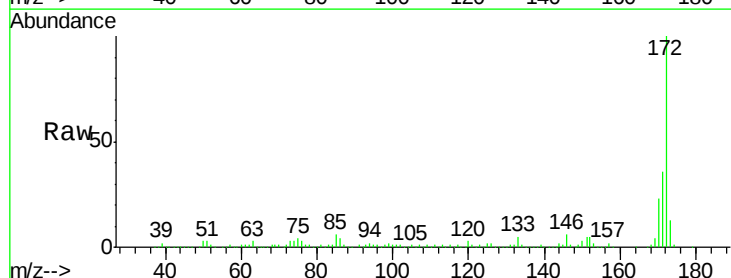


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

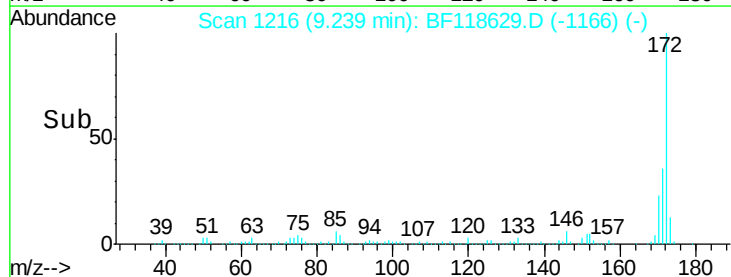
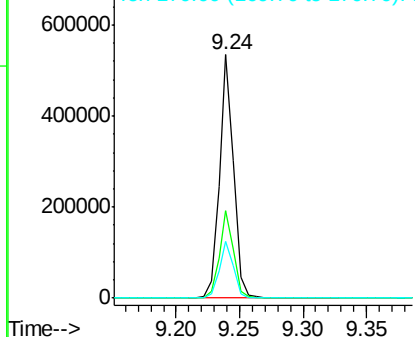


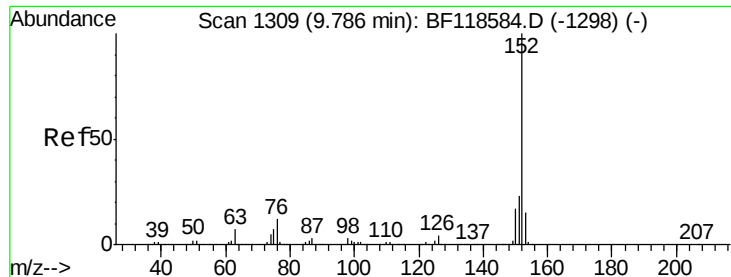
#45
 2-Fluorobiphenyl
 Concen: 11.426 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

Tgt Ion:172 Resp: 420650
 Ion Ratio Lower Upper
 172 100
 171 35.9 33.4 50.2
 170 23.4 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





#49

Acenaphthylene

Concen: 7.165 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_F

ClientSampled :

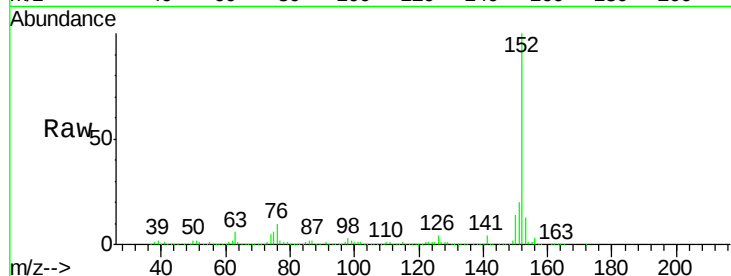
Tot Ion:152 Resp: 354312

Ion Ratio Lower Upper

152 100

151 19.6 18.6 27.8

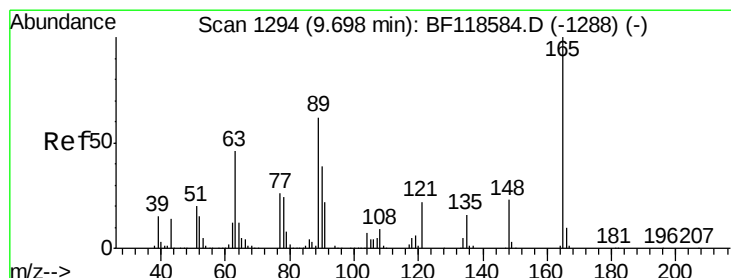
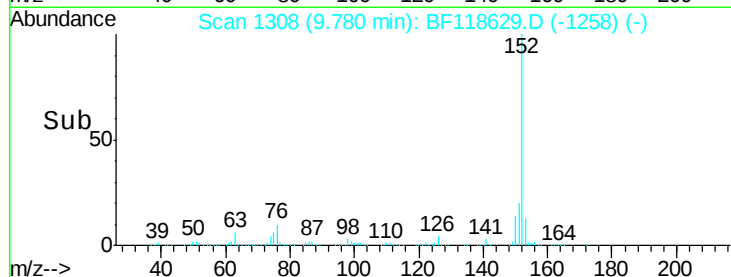
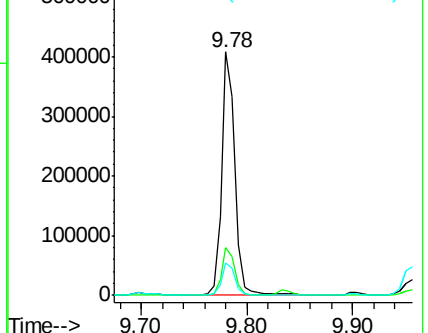
153 13.3 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

2,6-Dinitrotoluene

Concen: 9.339 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

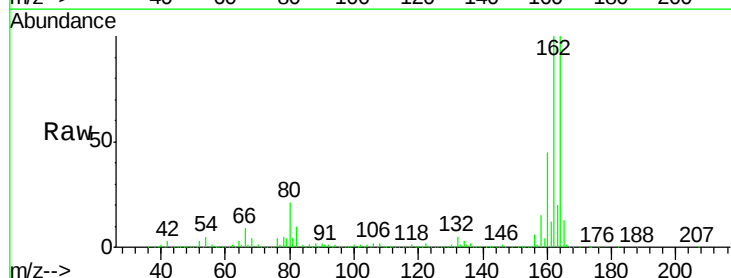
Tgt Ion:165 Resp: 82444

Ion Ratio Lower Upper

165 100

63 1.9 48.9 73.3#

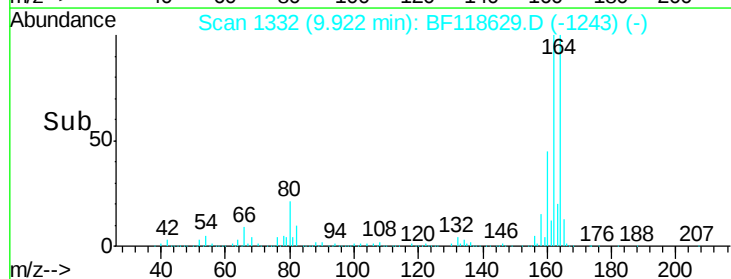
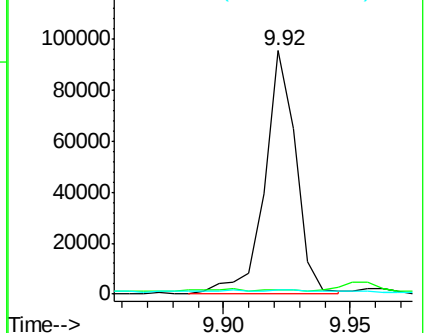
89 1.9 49.8 74.6#

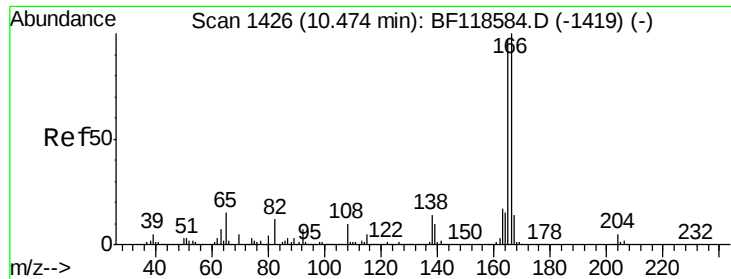


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

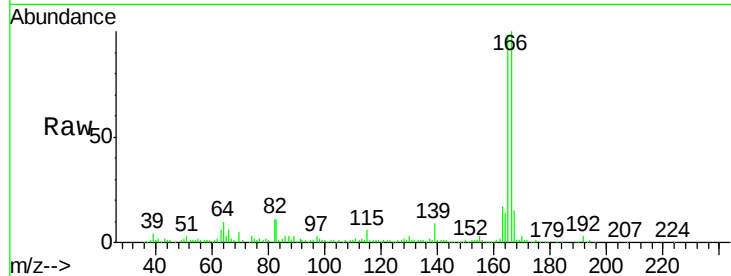




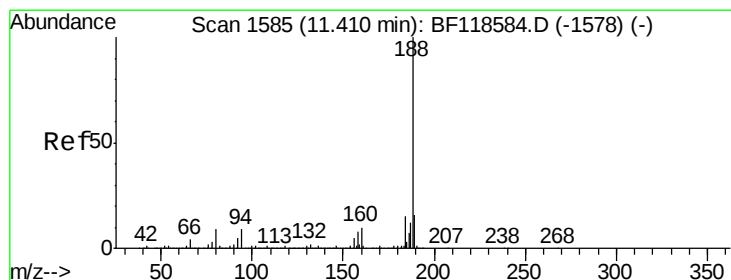
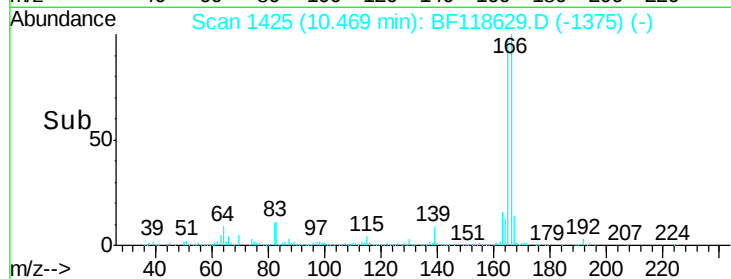
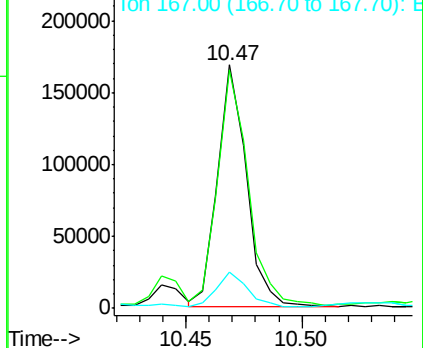
#58
 Fluorene
 Concen: 4.074 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 146559
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.3 115.9
 167 14.9 11.5 17.3

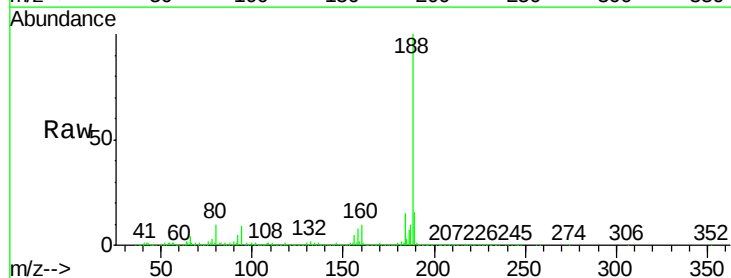


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

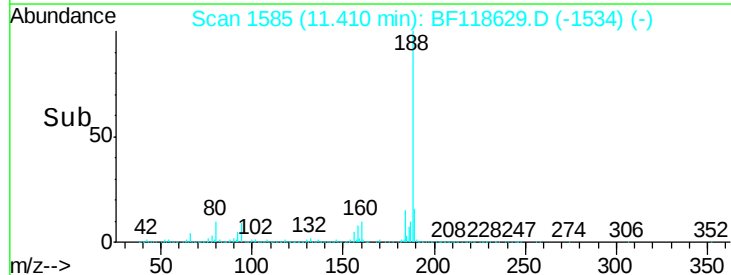
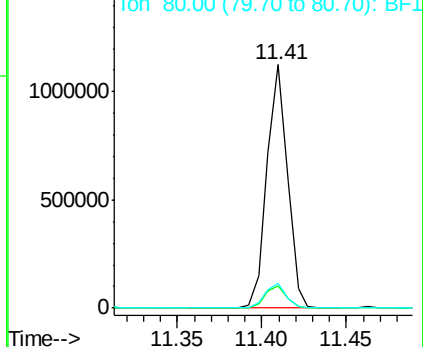


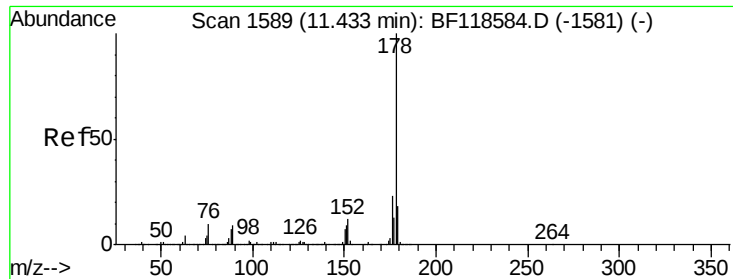
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF118629.D
 Acq: 21 Jan 2020 10:22

Tgt Ion:188 Resp: 950213
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.1 10.7
 80 10.2 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

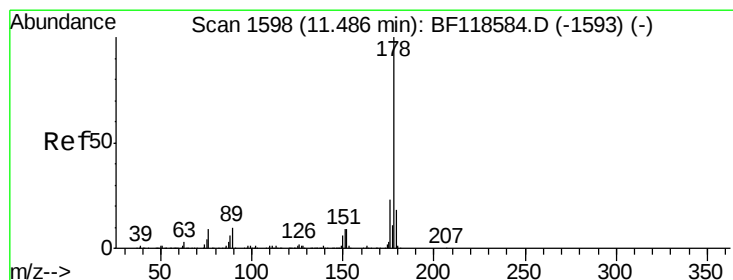
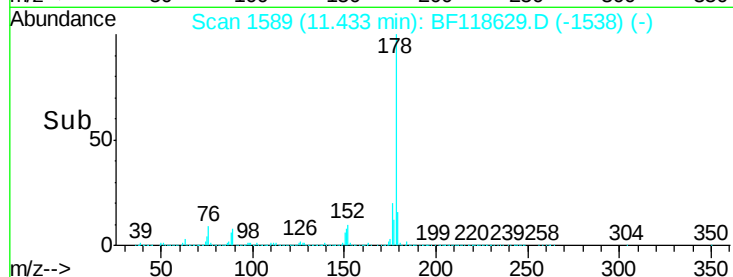
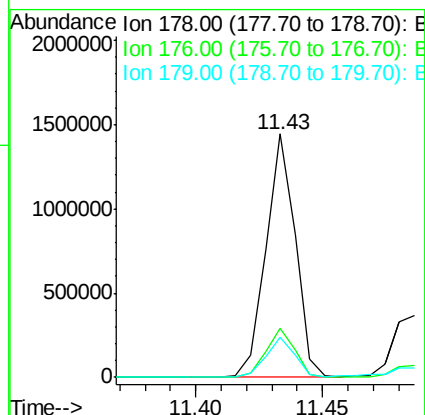
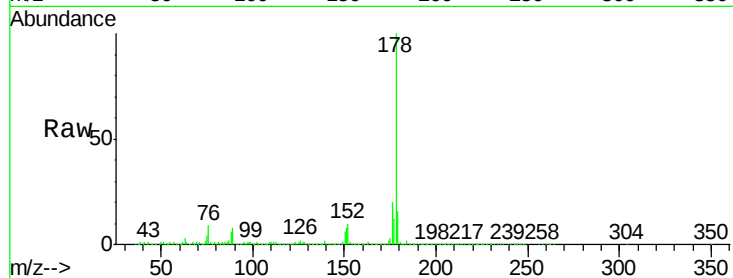




#71
Phenanthrene
Concen: 25.408 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

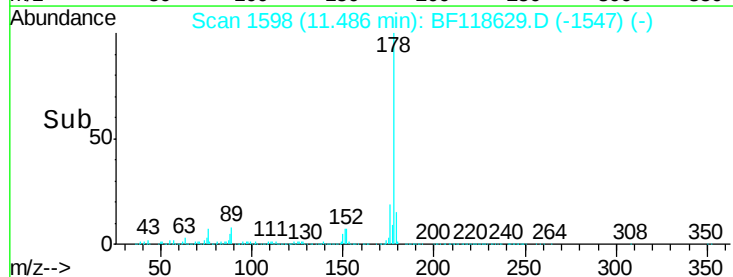
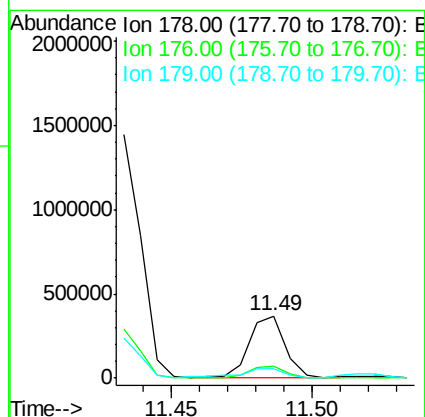
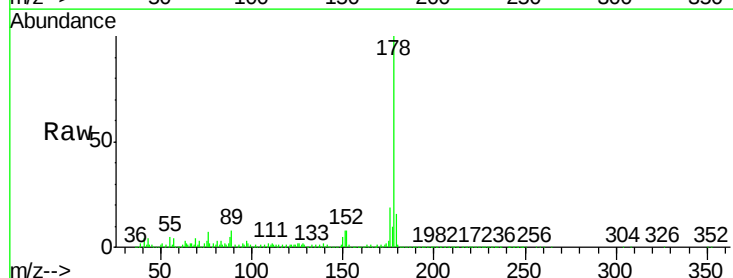
Instrument :
BNA_F
ClientSampleId :

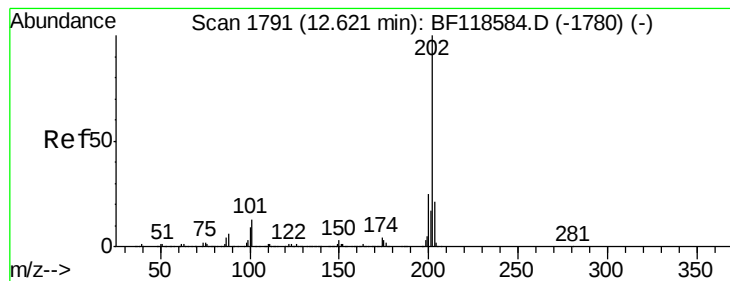
Tot Ion:178 Resp: 1164772
Ion Ratio Lower Upper
178 100
176 20.3 18.6 27.8
179 16.2 14.7 22.1



#72
Anthracene
Concen: 7.007 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Tgt Ion:178 Resp: 317844
Ion Ratio Lower Upper
178 100
176 19.2 18.0 27.0
179 15.8 14.7 22.1





#75

Fluoranthene

Concen: 35.570 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_F

ClientSampleId :

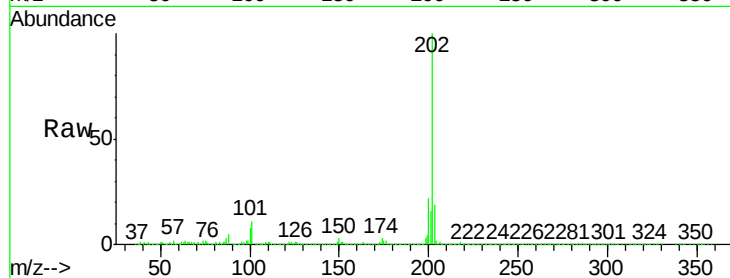
Tot Ion:202 Resp: 1719806

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.5
203	18.9	0.8	40.8

202 100

101 11.0 0.0 32.5

203 18.9 0.8 40.8

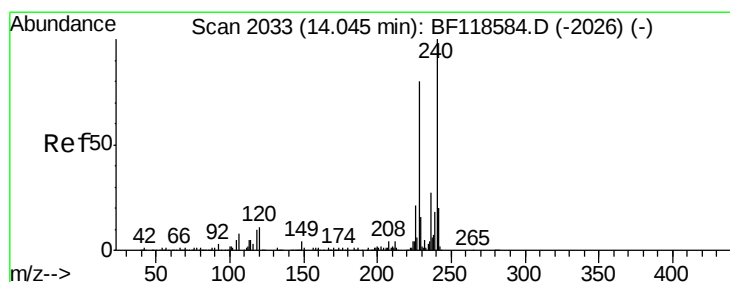
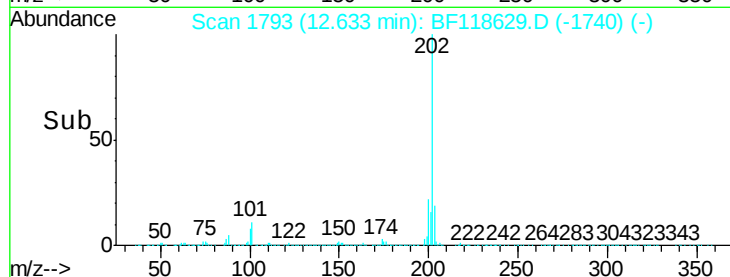
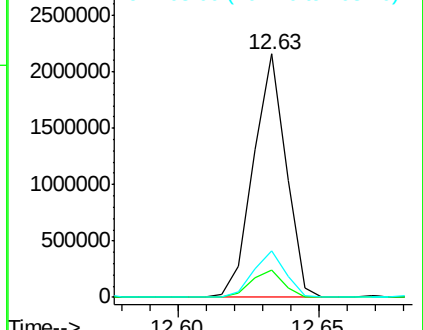


Abundance

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: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

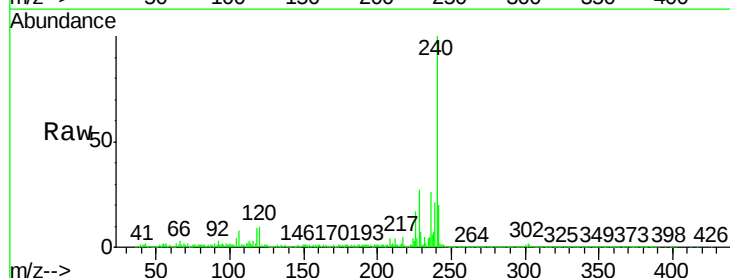
Tgt Ion:240 Resp: 858253

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	26.3	21.5	32.3

240 100

120 10.5 8.9 13.3

236 26.3 21.5 32.3

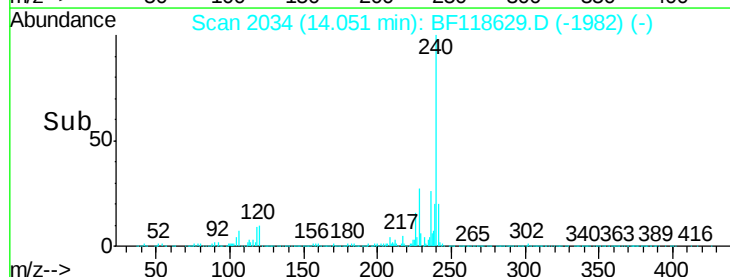
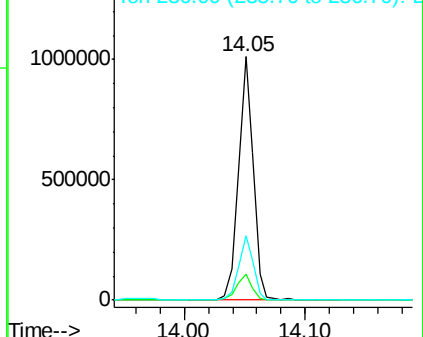


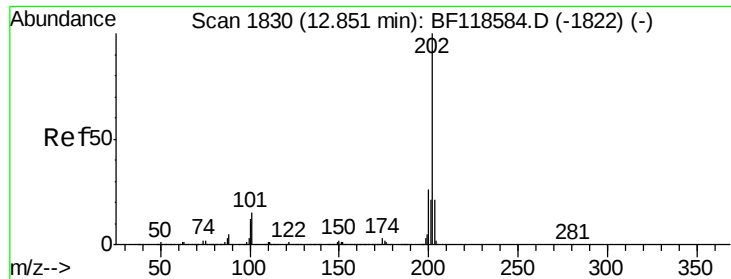
Abundance

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

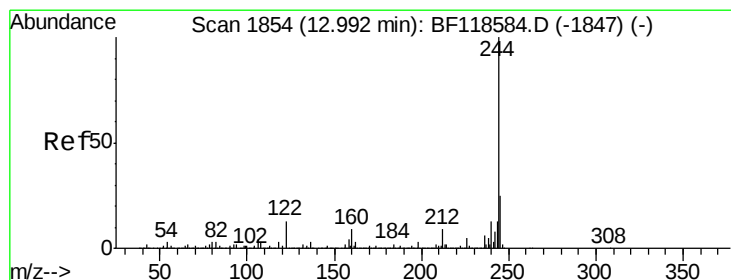
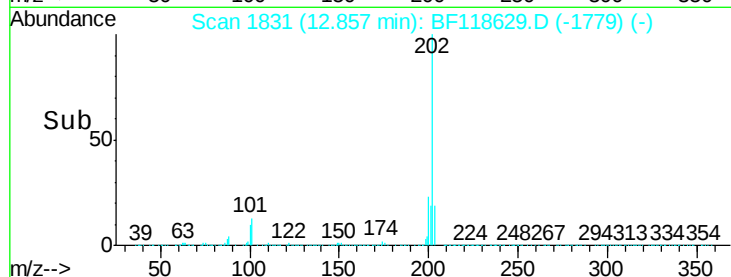
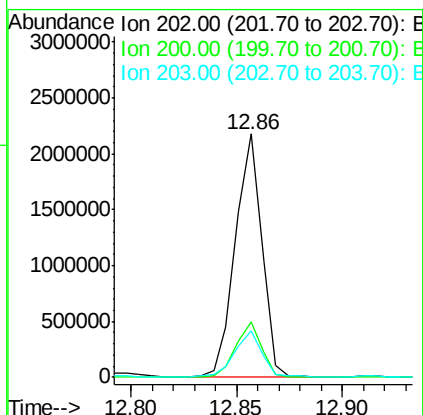
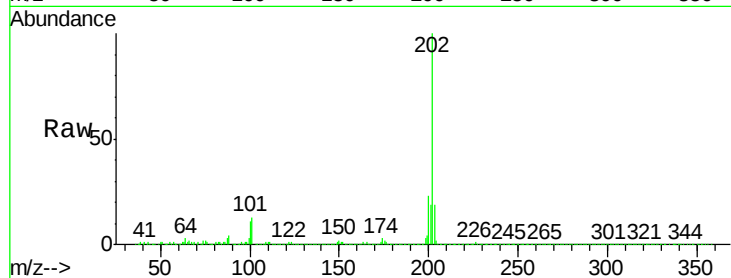




#78
Pvrene
Concen: 32.255 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

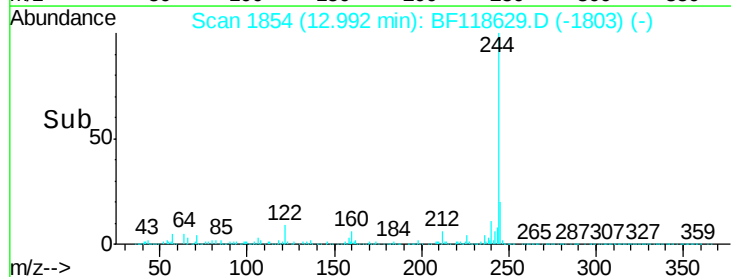
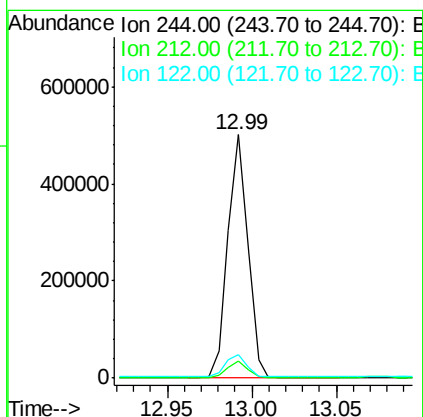
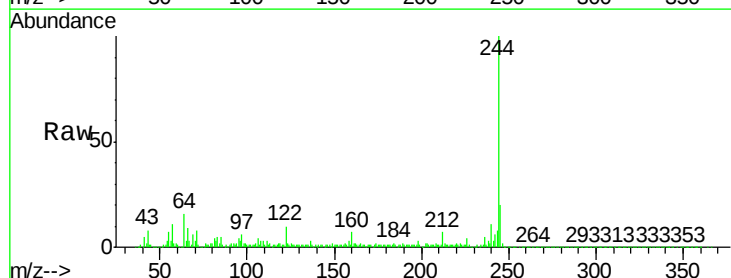
Instrument :
BNA_F
ClientSampleId :

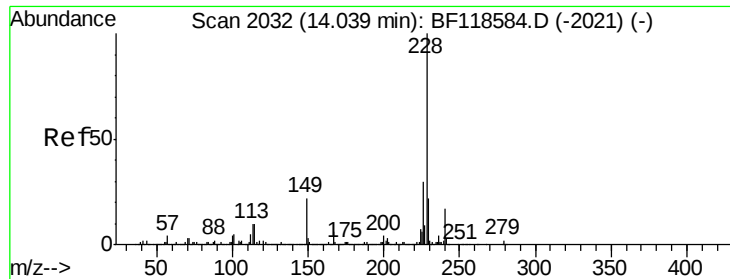
Tot Ion:202 Resp: 1879408
Ion Ratio Lower Upper
202 100
200 22.5 20.6 31.0
203 18.9 16.8 25.2



#79
Terphenyl-d14
Concen: 10.459 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Tgt Ion:244 Resp: 411575
Ion Ratio Lower Upper
244 100
212 6.8 7.0 10.4#
122 9.8 10.7 16.1#

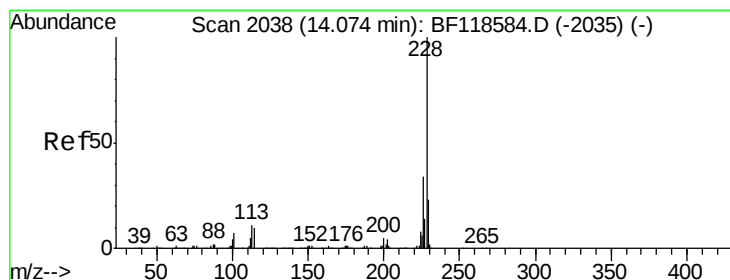
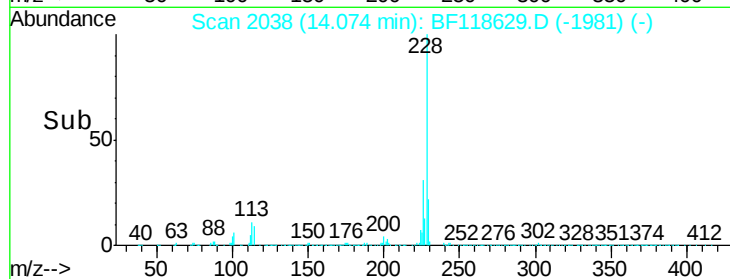
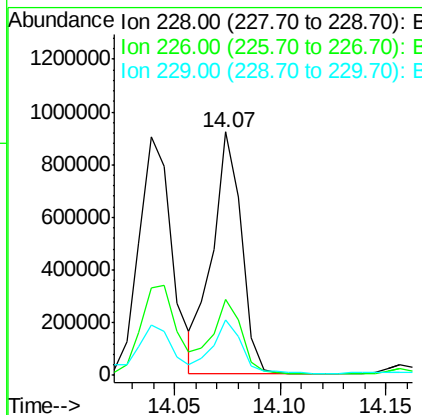
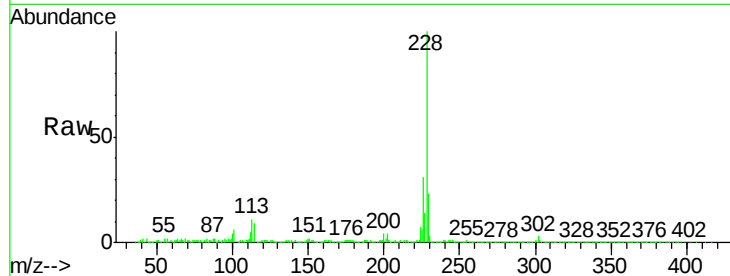




#81
Benzo(a)anthracene
Concen: 17.086 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

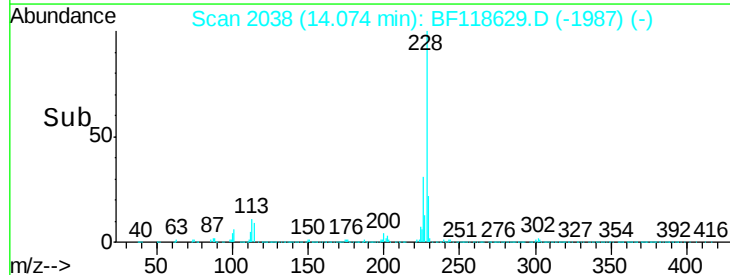
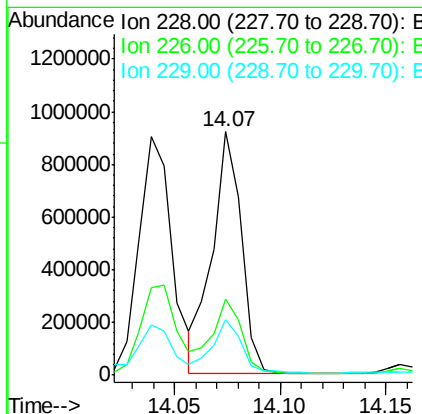
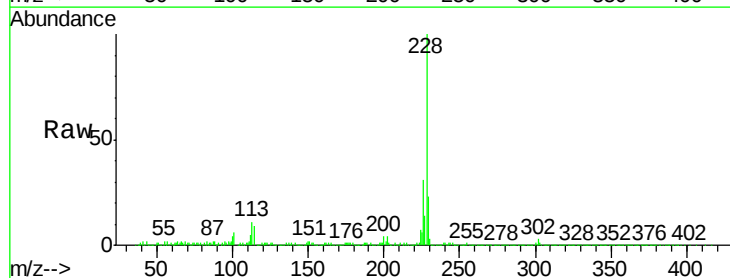
Instrument :
BNA_F
ClientSampleId :

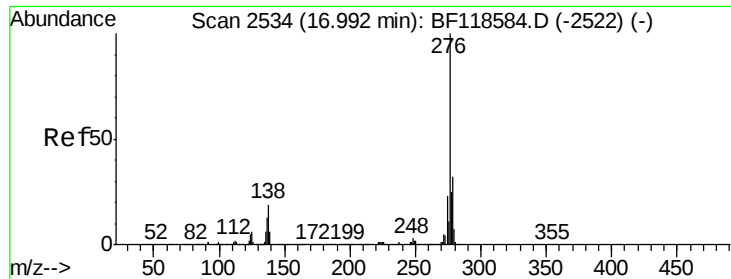
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	22.8	17.6	26.4



#83
Chrysene
Concen: 17.828 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	27.4	41.0
229	22.8	18.3	27.5

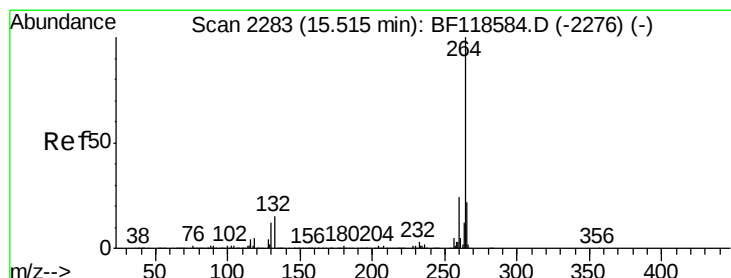
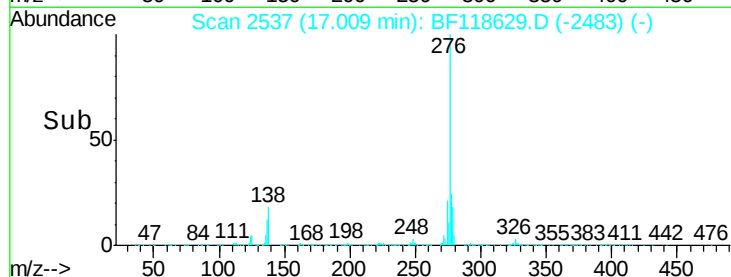
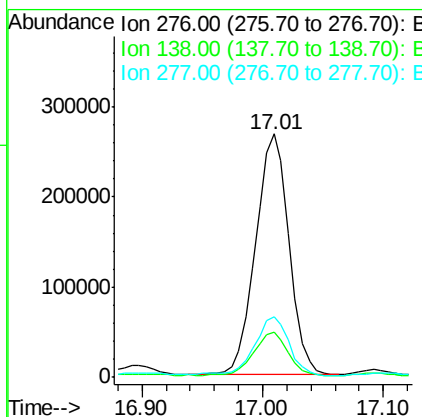
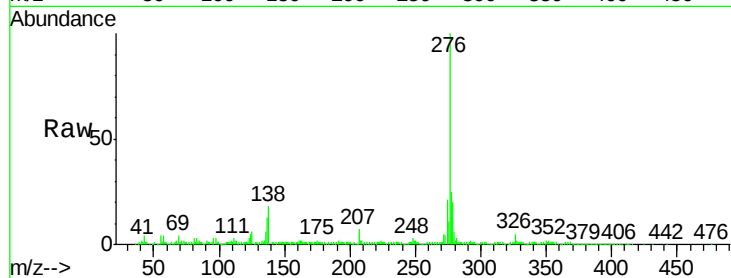




#86
Indeno(1,2,3-cd)pyrene
Concen: 12.003 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

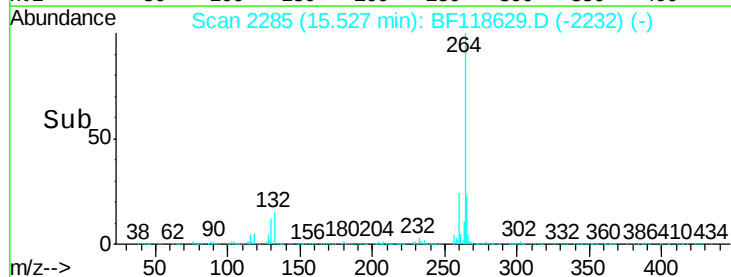
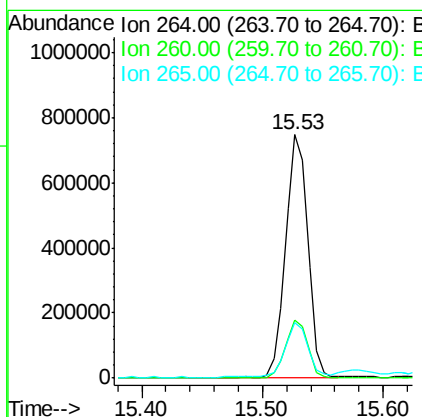
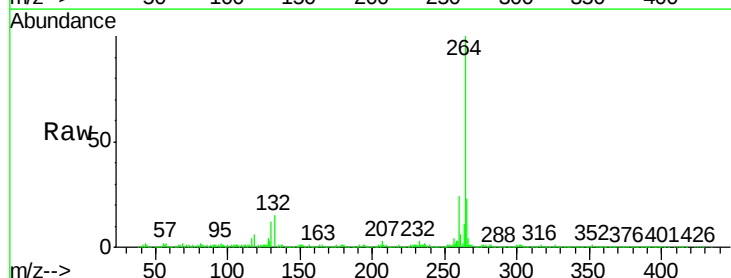
Instrument :
BNA_F
ClientSampleId :

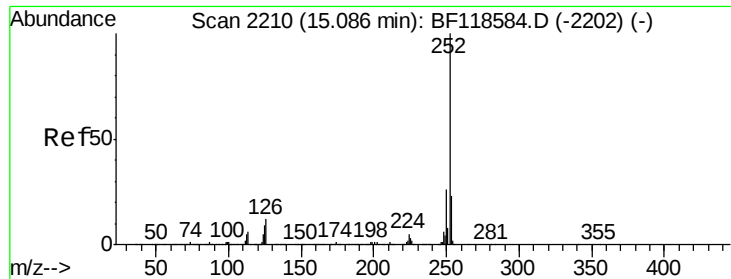
Tot Ion:276 Resp: 516047
Ion Ratio Lower Upper
276 100
138 18.3 17.2 25.8
277 25.6 20.5 30.7



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Tgt Ion:264 Resp: 941733
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 23.0 17.7 26.5

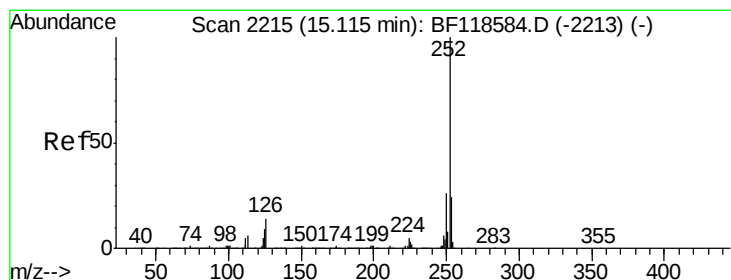
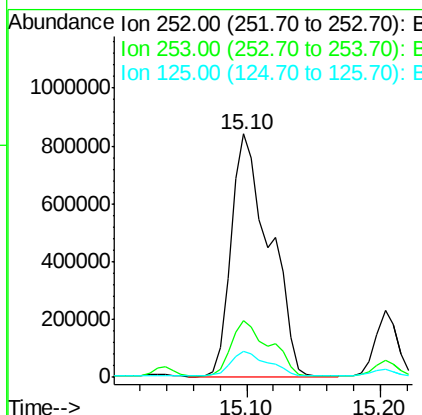
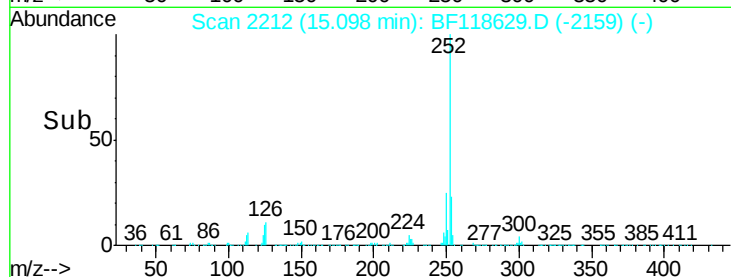
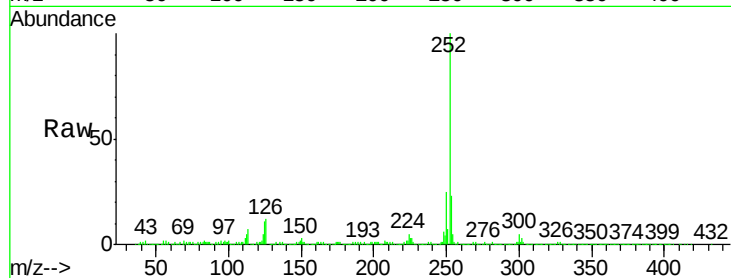




#88
Benzo(b)fluoranthene
Concen: 28.236 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

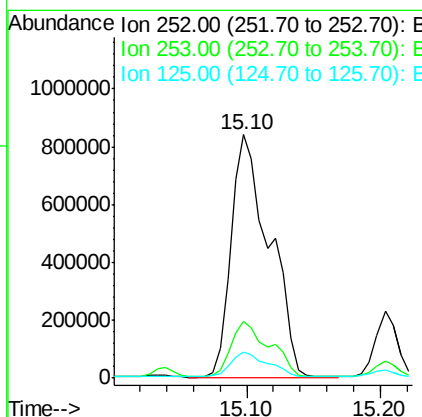
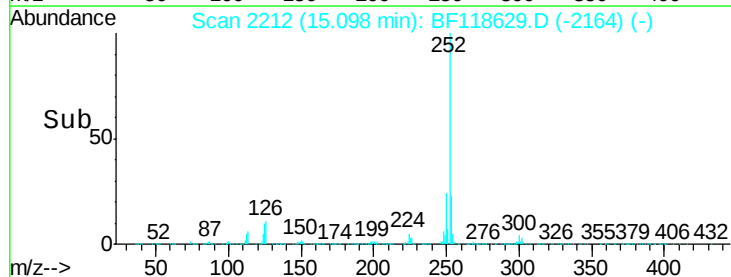
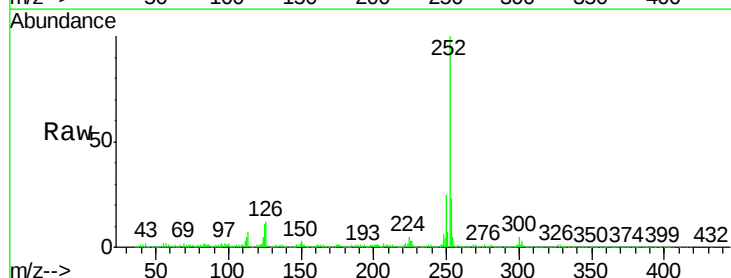
Instrument :
BNA_F
ClientSampleId :

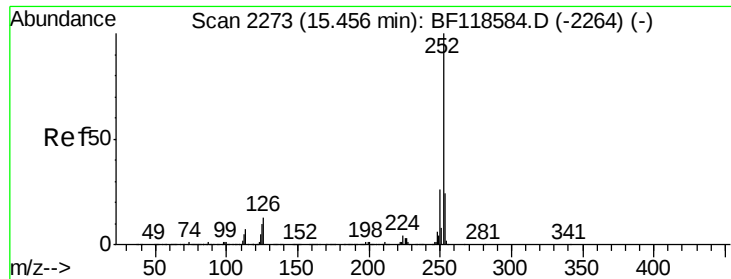
Tot Ion:252 Resp: 1671408
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 10.5 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 30.477 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Tgt Ion:252 Resp: 1671408
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 10.5 7.6 11.4

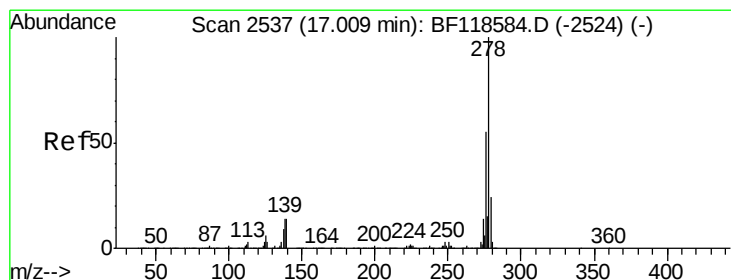
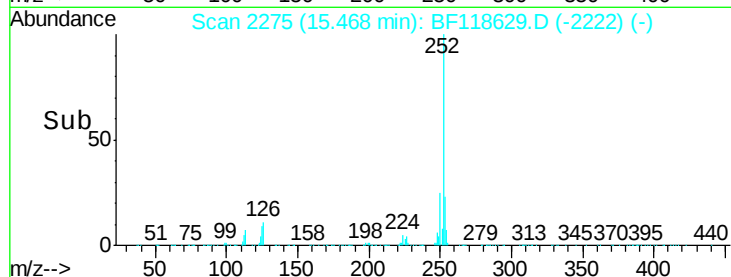
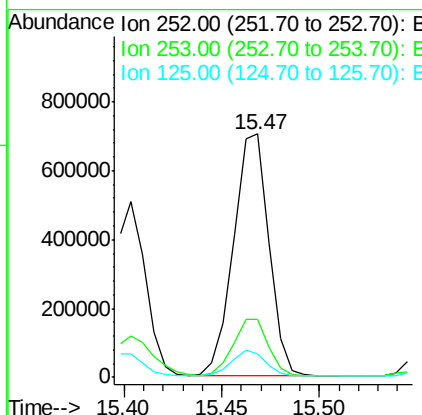
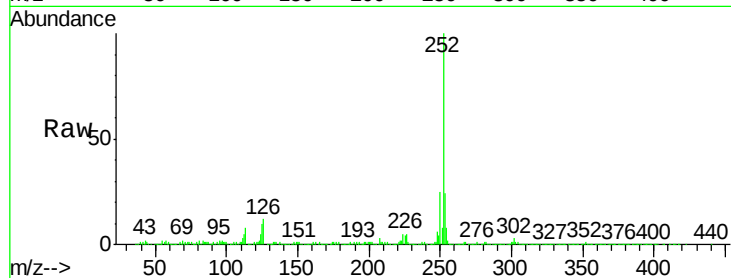




#90
Benzo(a)pyrene
Concen: 17.386 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

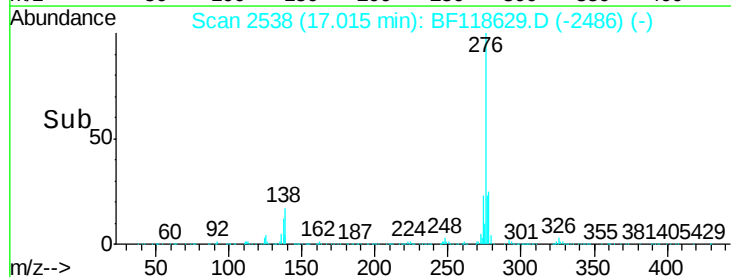
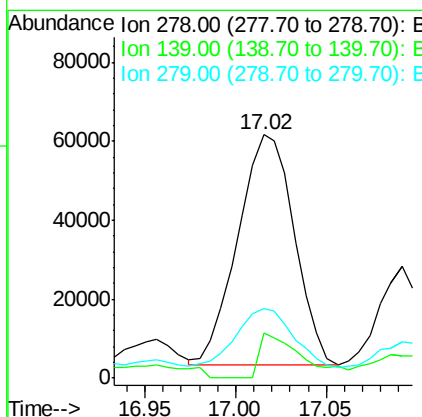
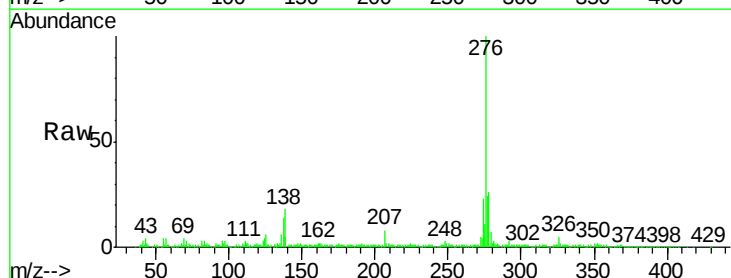
Instrument :
BNA_F
ClientSampleId :

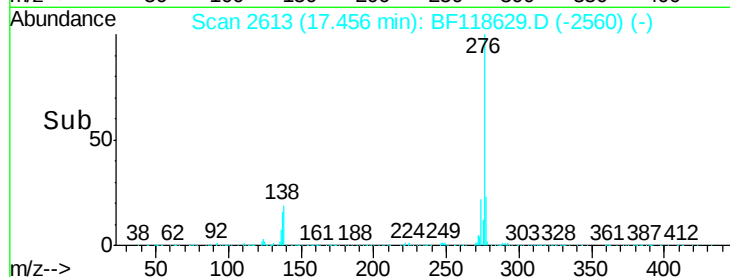
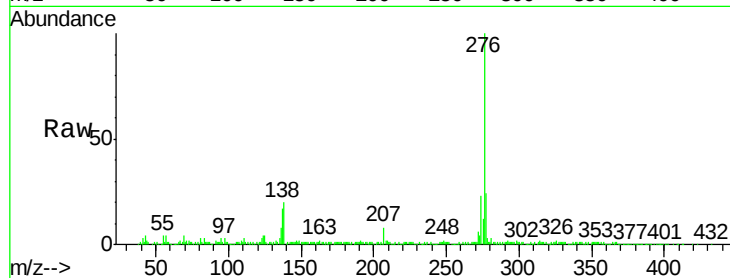
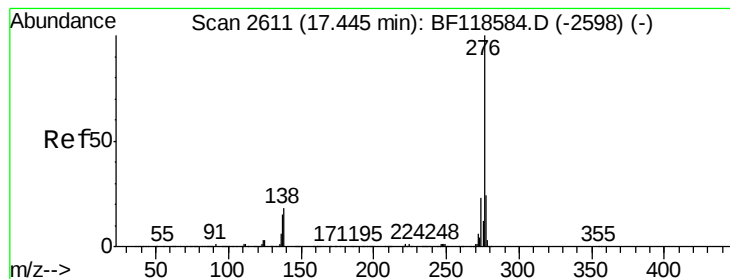
Tot Ion:252 Resp: 887767
Ion Ratio Lower Upper
252 100
253 23.6 18.8 28.2
125 9.7 7.8 11.6



#91
Dibenzo(a,h)anthracene
Concen: 2.780 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF118629.D
Acq: 21 Jan 2020 10:22

Tgt Ion:278 Resp: 125574
Ion Ratio Lower Upper
278 100
139 18.5 11.4 17.0#
279 28.6 19.0 28.6#





#92

Benzo(a,h,i)perylene

Concen: 11.060 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118629.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 485054

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 19.9 14.4 21.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

