

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115597.D
 Acq On : 16 Jul 2019 15:16
 Operator : HP/JU
 Sample : K3626-05 4X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:42:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	336269	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1161459	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	598248	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1156308	20.00	ng	0.00
76) Chrysene-d12	14.05	240	754747	20.00	ng	0.00
87) Perylene-d12	15.53	264	958418	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	630130	30.65	ng	-0.01
7) Phenol-d6	6.50	99	866988	33.24	ng	-0.01
23) Nitrobenzene-d5	7.43	82	519800	26.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	208351	29.84	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	894558	26.17	ng	-0.01
79) Terphenyl-d14	12.99	244	950226	23.23	ng	-0.01

Target Compounds

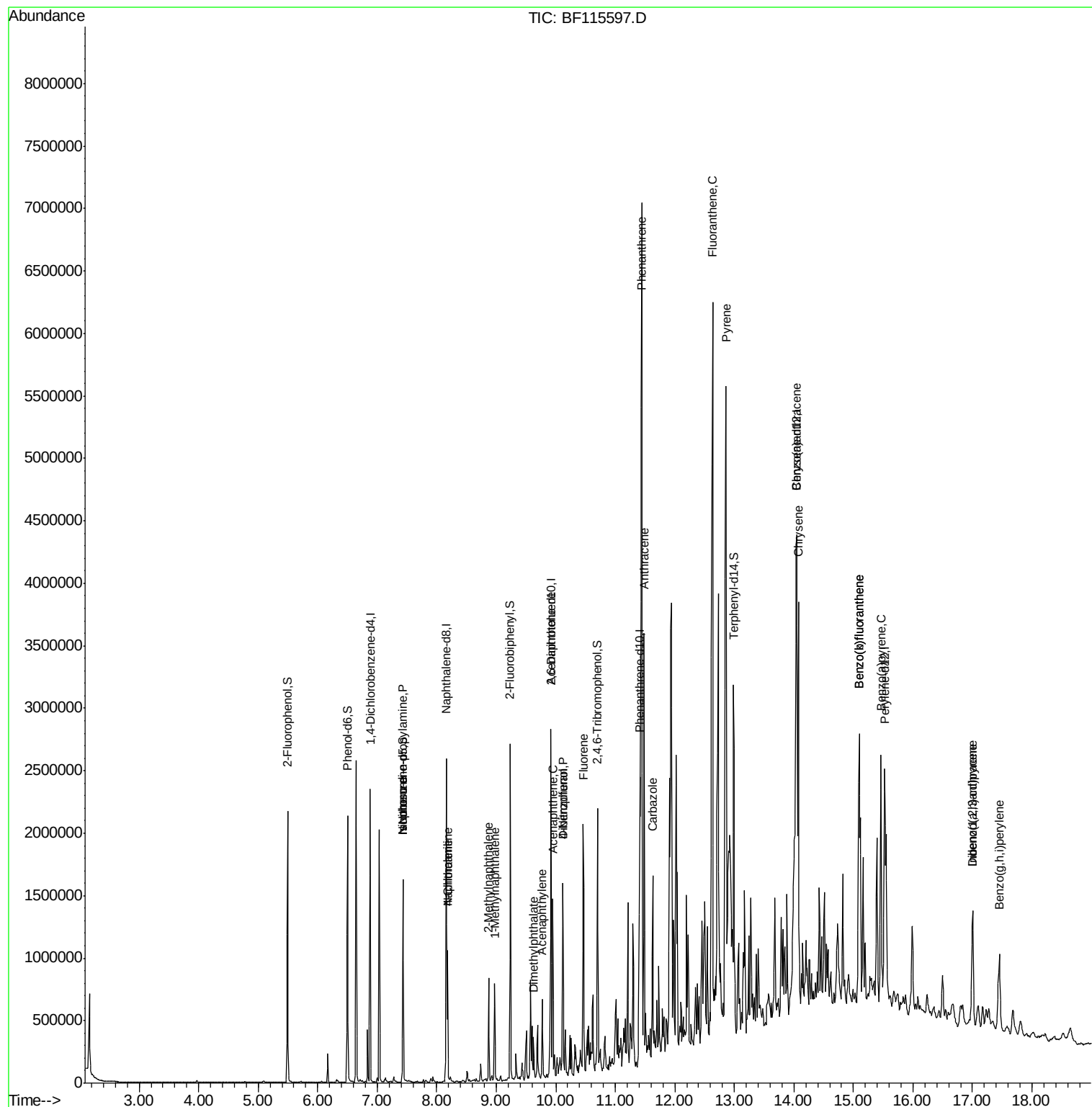
						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	69317	4.074	ng	# 80
25) Isophorone	7.43	82	503640	12.601	ng	# 64
31) Naphthalene	8.18	128	457923	8.141	ng	96
33) 4-Chloroaniline	8.18	127	59423	2.385	ng	# 32
37) 2-Methylnaphthalene	8.87	142	215803	5.788	ng	98
38) 1-Methylnaphthalene	8.97	142	202109	5.707	ng	97
49) Acenaphthylene	9.77	152	174805	3.029	ng	96
50) Dimethylphthalate	9.63	163	114342	2.540	ng	99
51) 2,6-Dinitrotoluene	9.92	165	91061	8.902	ng	# 28
52) Acenaphthene	9.95	154	268556	7.209	ng	98
55) Dibenzofuran	10.12	168	480499	9.082	ng	97
56) 4-Nitrophenol	10.12	139	176562	19.808	ng	# 12
58) Fluorene	10.46	166	540206	14.283	ng	99
71) Phenanthrene	11.45	178	3797667	64.073	ng	99
72) Anthracene	11.49	178	1225769	20.011	ng	99
73) Carbazole	11.63	167	551572	10.268	ng	98
75) Fluoranthene	12.63	202	3171733	50.639	ng	97
78) Pyrene	12.86	202	2832151	44.290	ng	99
81) Benzo(a)anthracene	14.04	228	1515138	30.472	ng	100
83) Chrysene	14.07	228	1266489	25.373	ng	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	635454	14.985	ng	95
88) Benzo(b)fluoranthene	15.10	252	1994638	32.320	ng	99
89) Benzo(k)fluoranthene	15.10	252	1994638	36.252	ng	99
90) Benzo(a)pyrene	15.46	252	1077038	20.305	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	181678	3.901	ng	94
92) Benzo(g,h,i)perylene	17.45	276	590721	12.720	ng	97

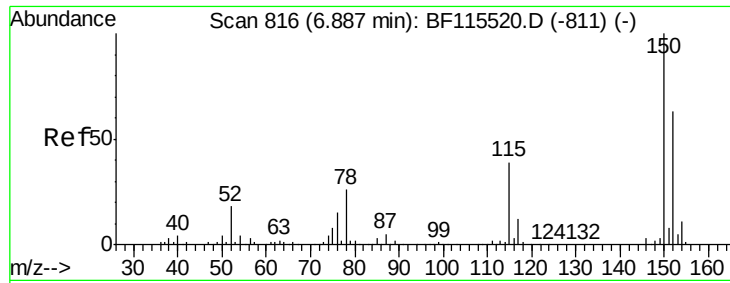
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115597.D
Acq On : 16 Jul 2019 15:16
Operator : HP/JU
Sample : K3626-05 4X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 16 15:42:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



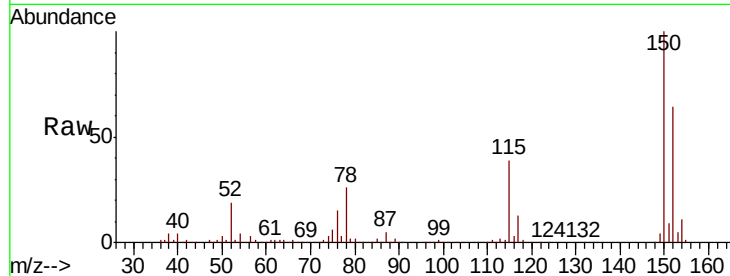


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	129.7	194.5
115	60.2	48.2	72.4

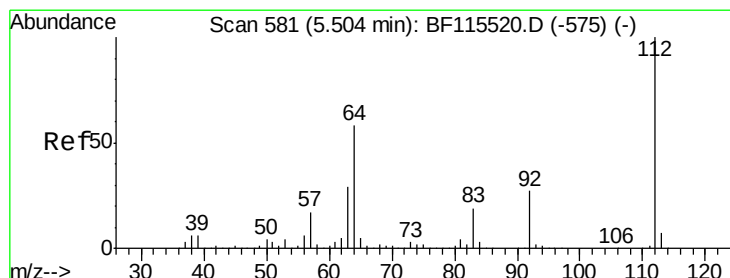
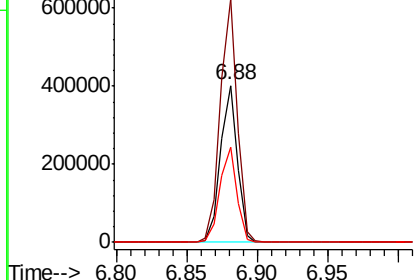
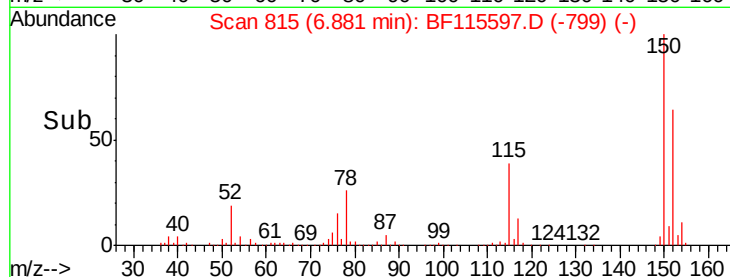


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

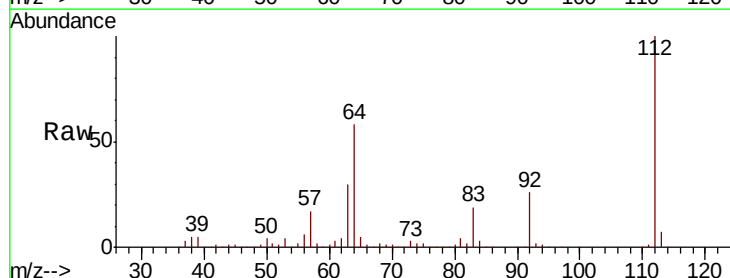
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 30.651 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.8	70.2
63	29.7	24.1	36.1

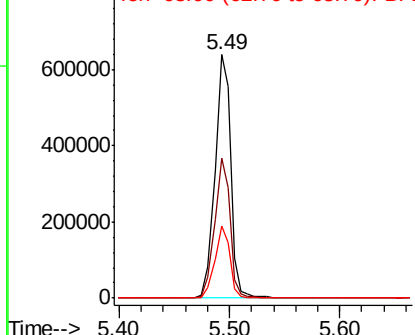
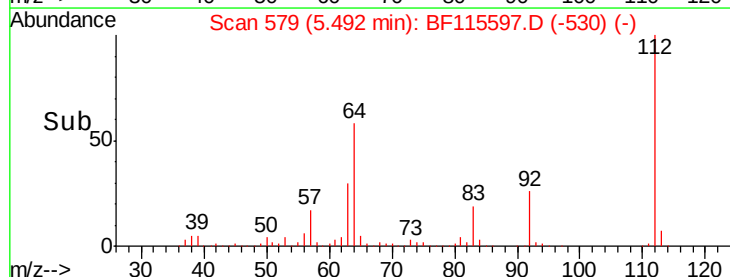


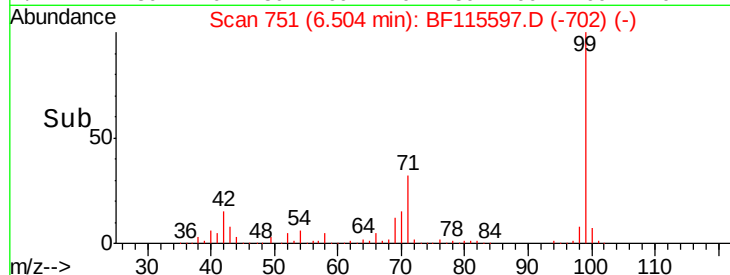
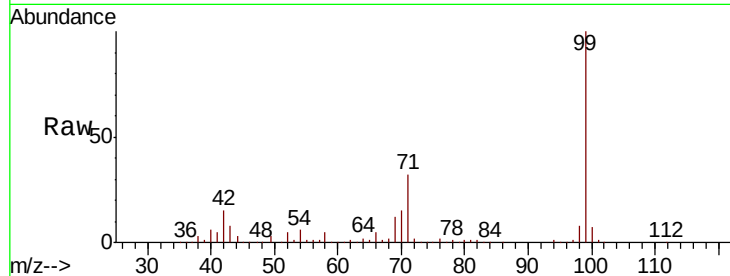
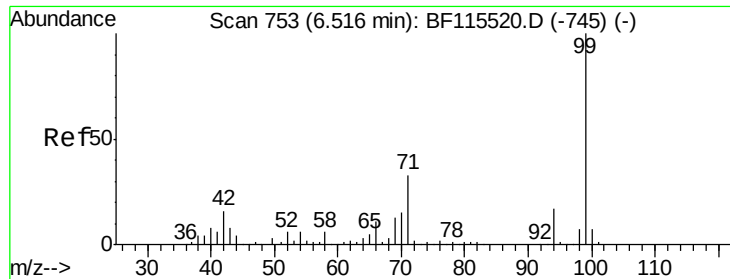
Abundance

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: 33.236 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Instrument :

BNA_F

ClientSampleId :

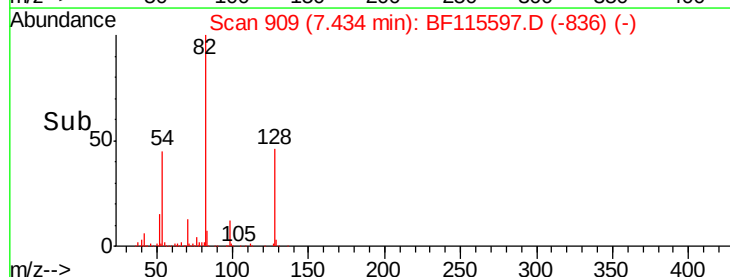
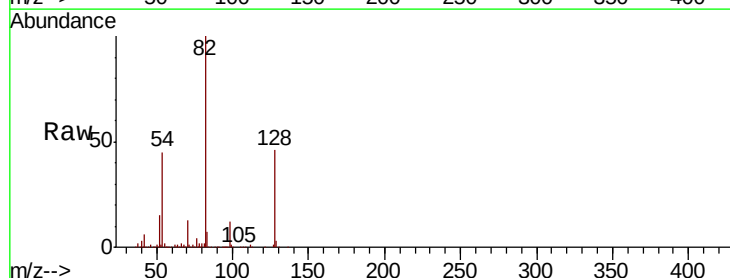
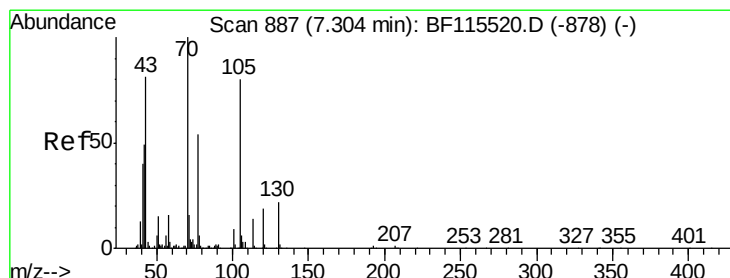
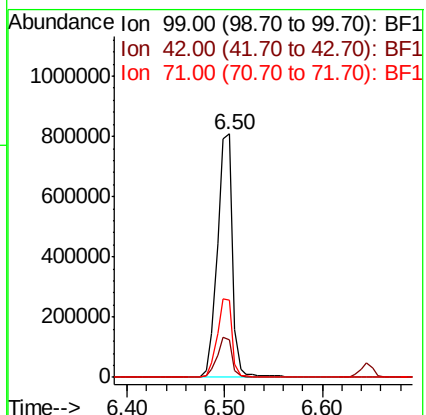
Tot Ion: 99 Resp: 866988

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

71 31.6 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 4.074 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Tgt Ion: 70 Resp: 69317

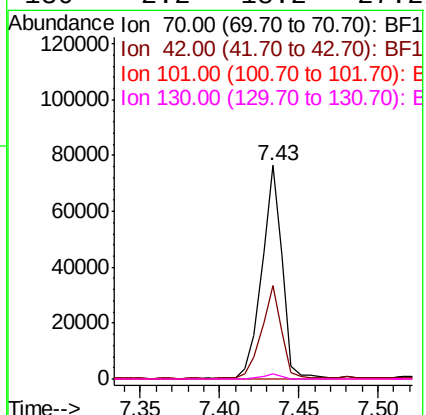
Ion Ratio Lower Upper

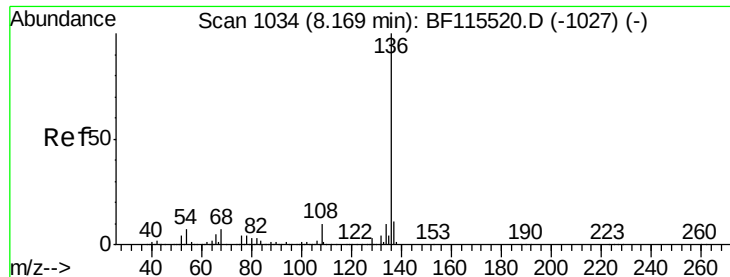
70 100

42 43.6 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

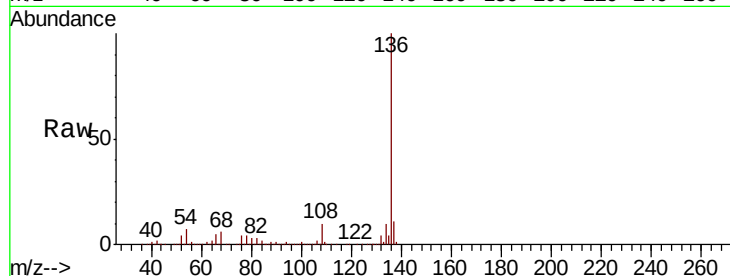




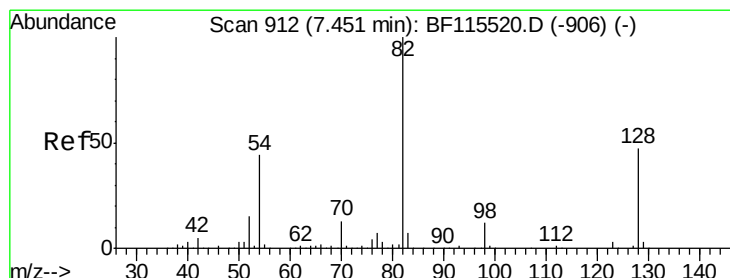
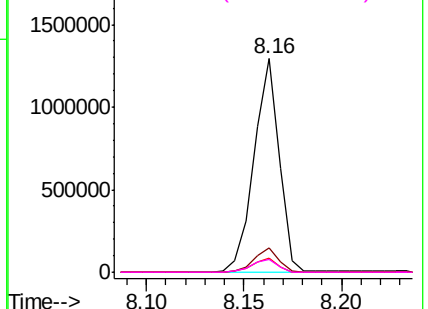
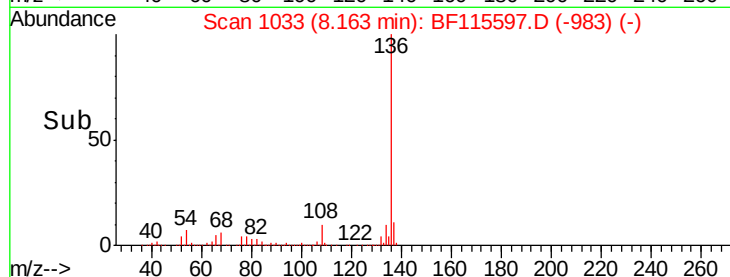
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1161459
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.6	5.6 8.4
68 6.3	5.0 7.6

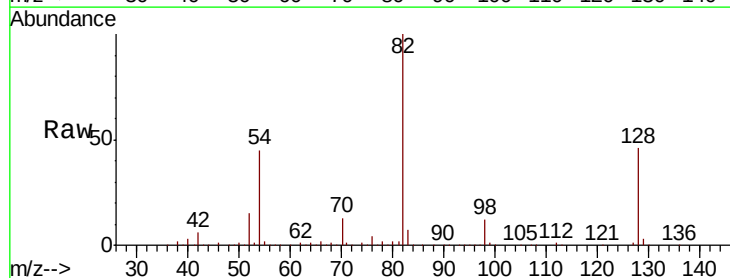


Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

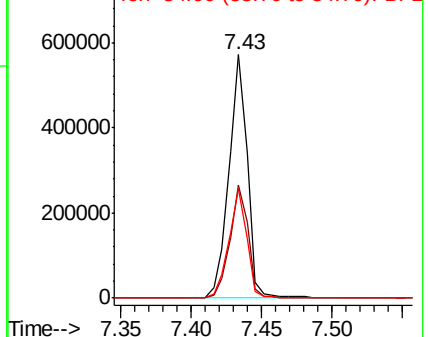
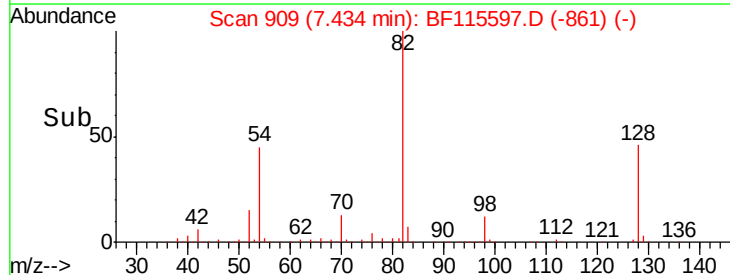


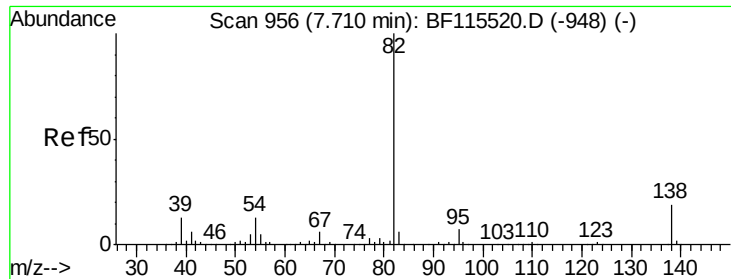
#23
Nitrobenzene-d5
Concen: 26.023 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt	Ion: 82	Resp:	519800
Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.6	57.8
54	44.8	35.6	53.4



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: 12.601 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Instrument :

BNA_F

ClientSampleId :

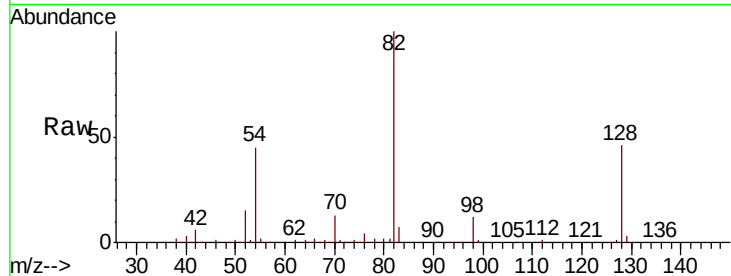
Tot Ion: 82 Resp: 503640

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

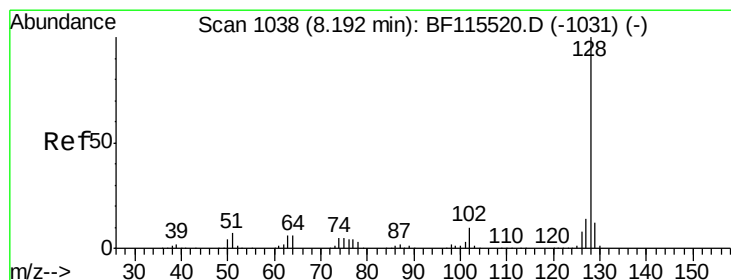
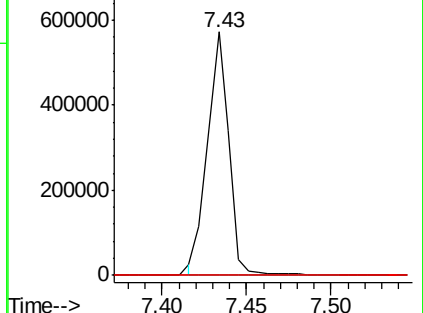
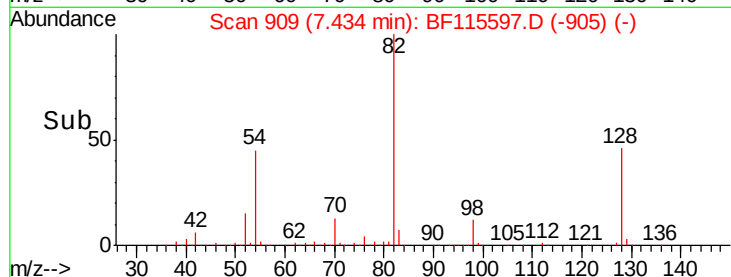
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 8.141 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

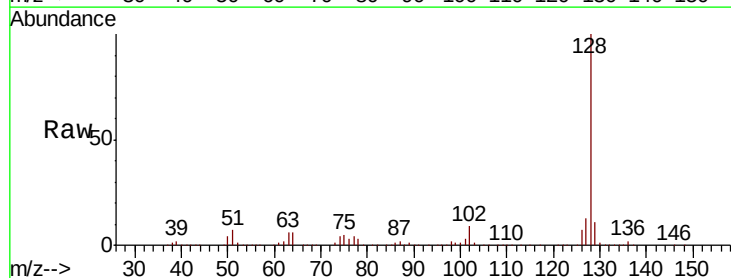
Tgt Ion: 128 Resp: 457923

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

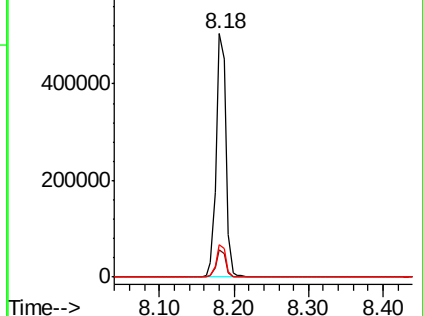
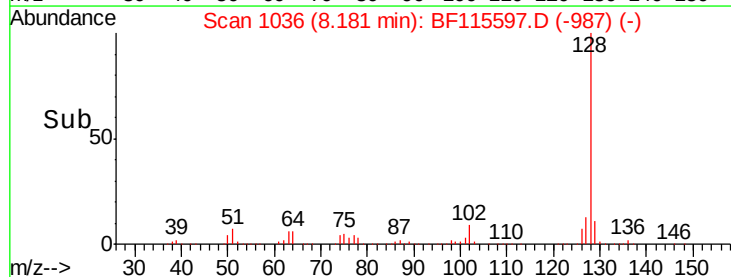
127 13.2 12.1 18.1

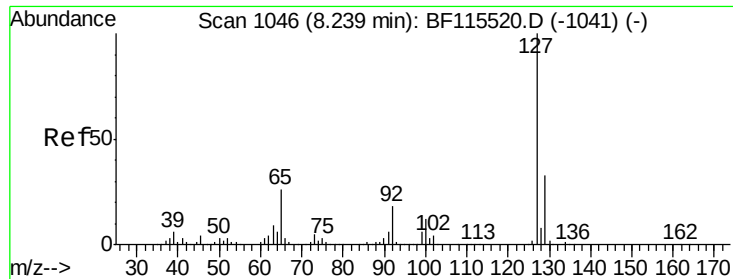


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

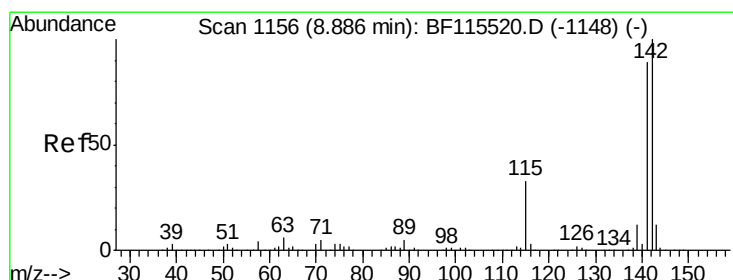
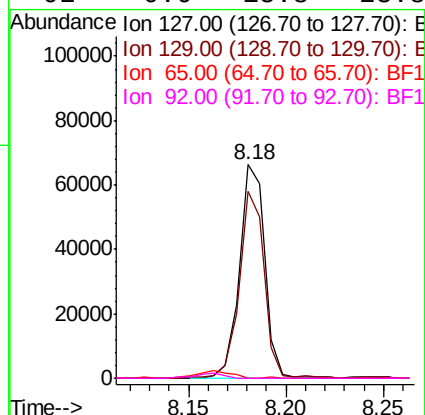
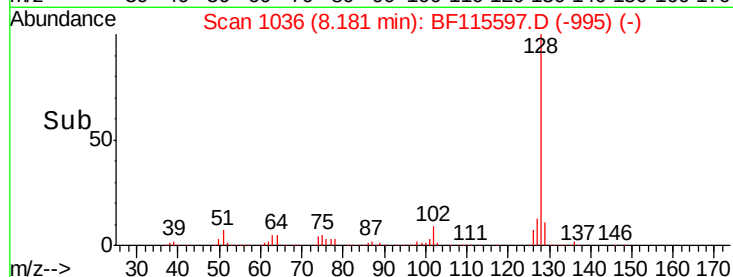
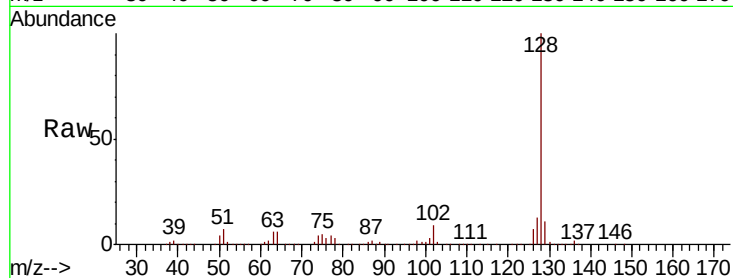




#33
4-Chloroaniline
Concen: 2.385 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

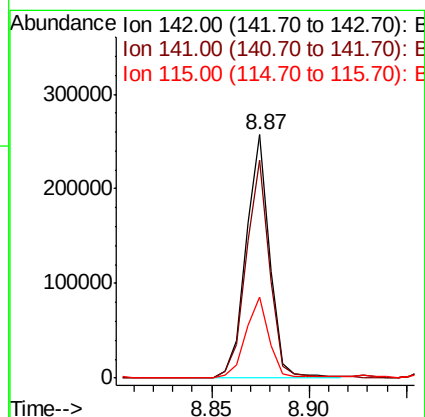
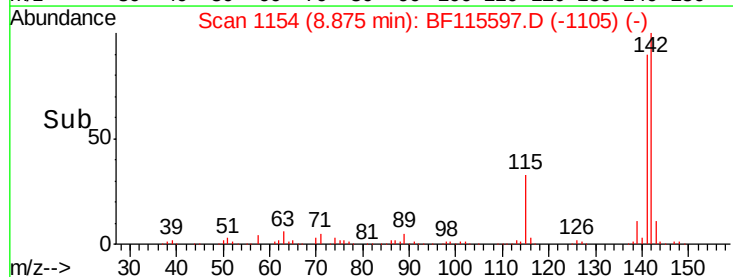
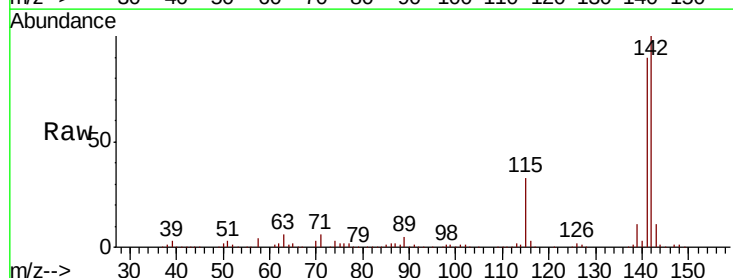
Instrument :
BNA_F
ClientSampled :

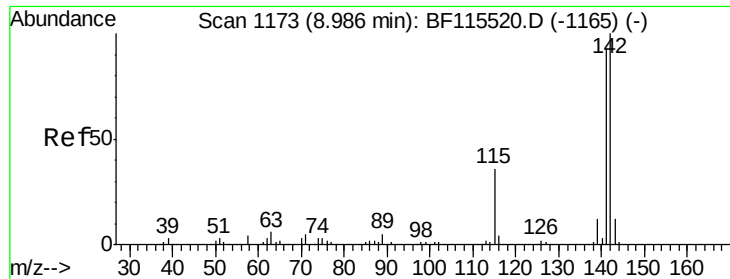
Tot Ion:127 Resp: 59423
Ion Ratio Lower Upper
127 100
129 87.3 26.6 39.8#
65 0.0 23.7 35.5#
92 0.0 15.8 23.8#



#37
2-Methylnaphthalene
Concen: 5.788 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt Ion:142 Resp: 215803
Ion Ratio Lower Upper
142 100
141 89.7 72.0 108.0
115 33.1 29.9 44.9

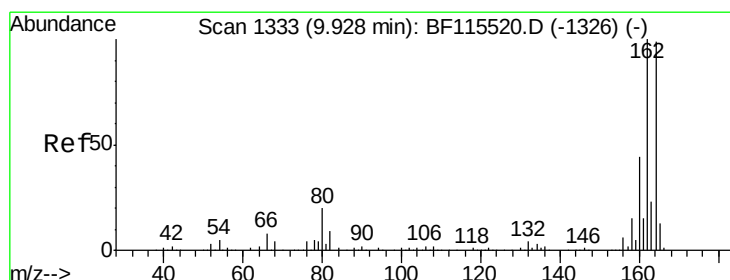
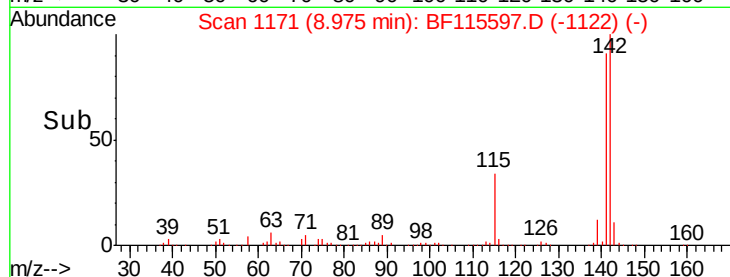
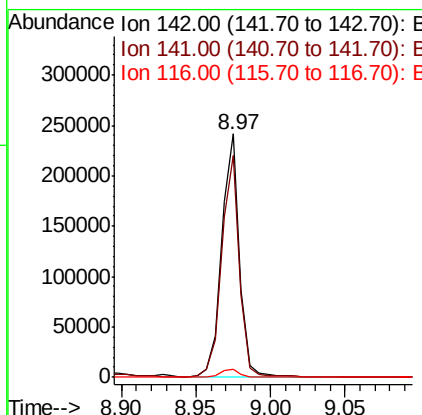
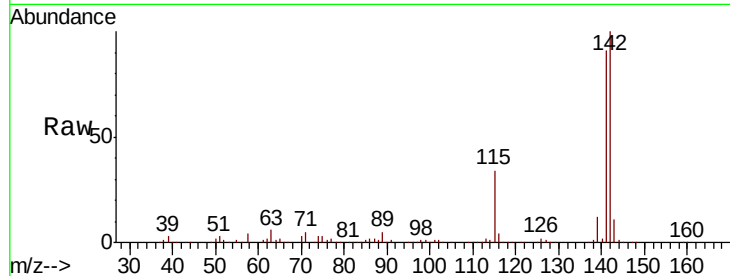




#38
1-Methylnaphthalene
Concen: 5.707 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

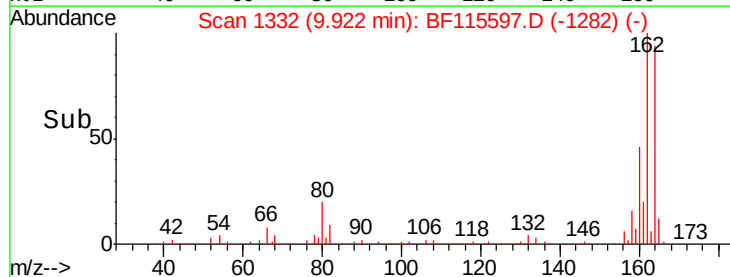
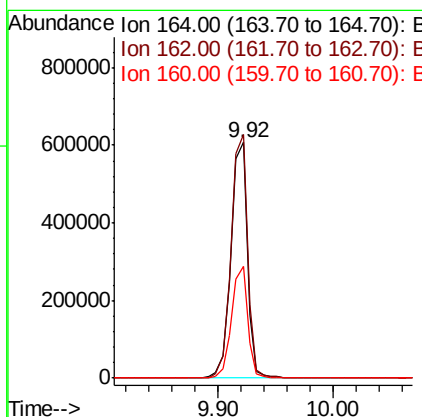
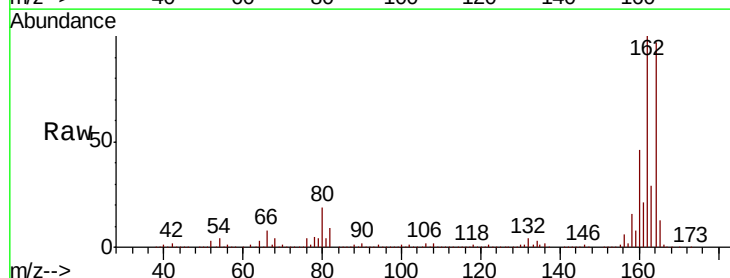
Instrument :
BNA_F
ClientSampleId :

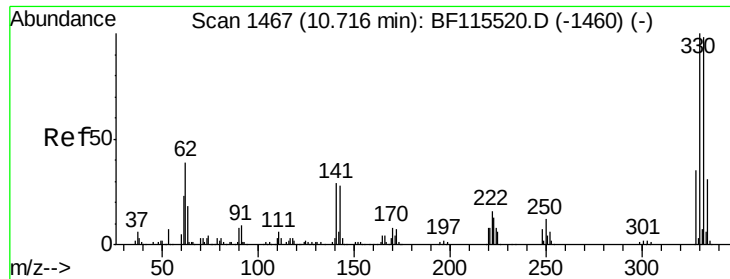
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.3	112.9
116	3.6	3.3	4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.9	124.3
160	47.4	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 29.837 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Instrument :

BNA_F

ClientSampled :

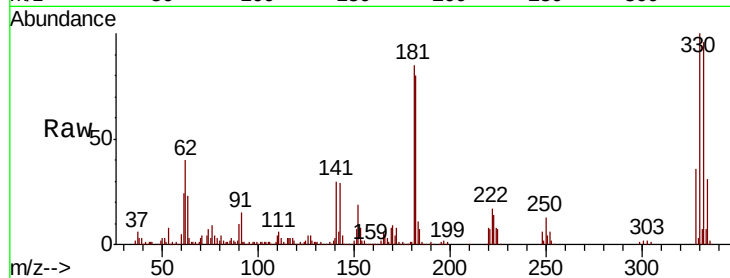
Tot Ion:330 Resp: 208351

Ion Ratio Lower Upper

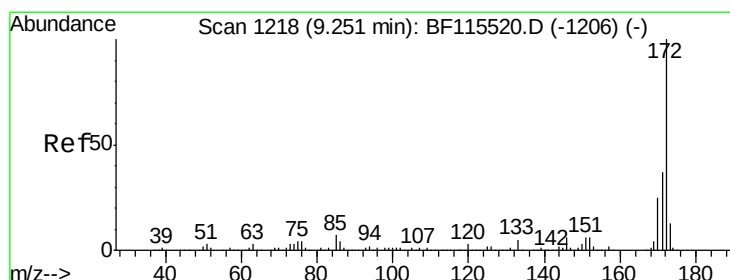
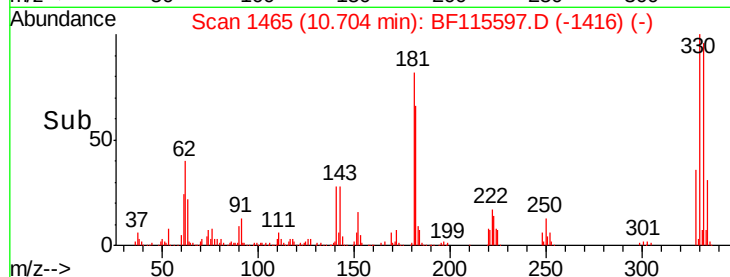
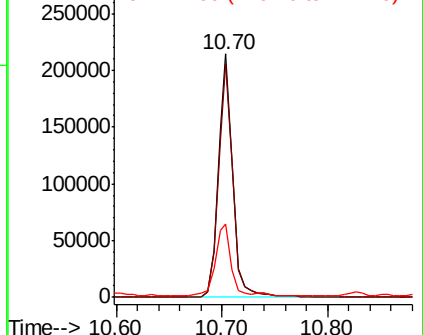
330 100

332 96.9 77.4 116.2

141 31.8 22.4 33.6



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: 26.172 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

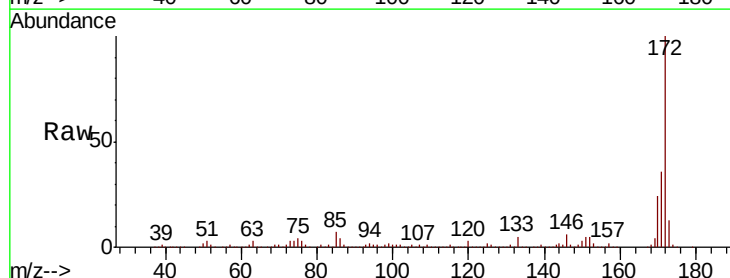
Tgt Ion:172 Resp: 894558

Ion Ratio Lower Upper

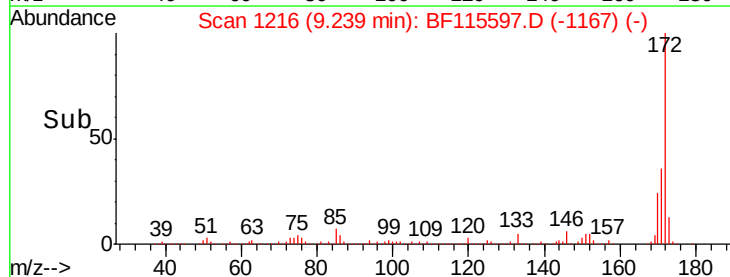
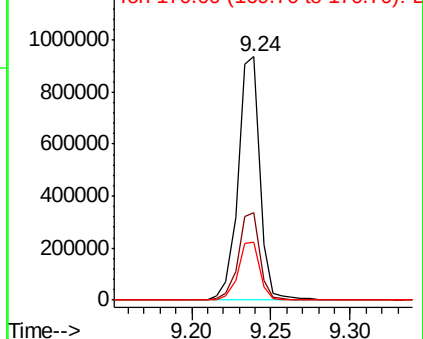
172 100

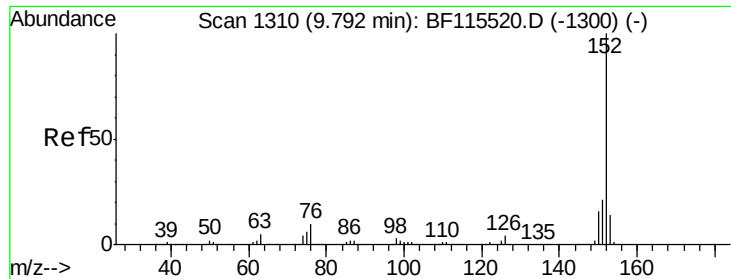
171 36.0 30.6 46.0

170 24.0 20.5 30.7



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: 3.029 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Instrument :

BNA_F

ClientSampled :

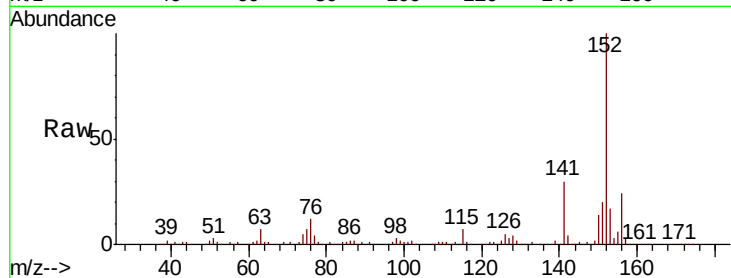
Tot Ion:152 Resp: 174805

Ion Ratio Lower Upper

152 100

151 20.3 17.7 26.5

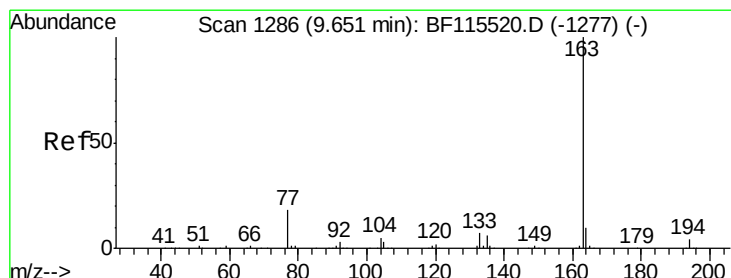
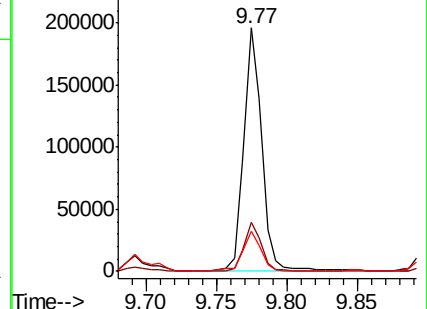
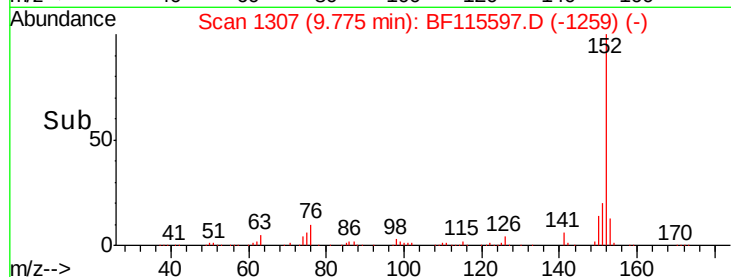
153 16.7 12.0 18.0



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



#50

Dimethylphthalate

Concen: 2.540 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

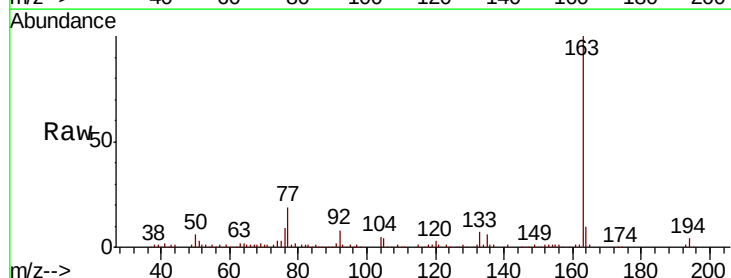
Tgt Ion:163 Resp: 114342

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

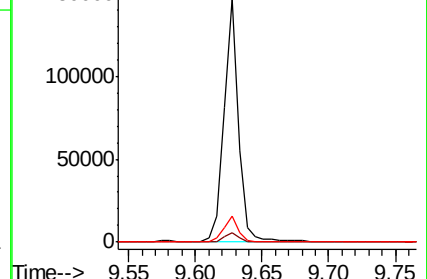
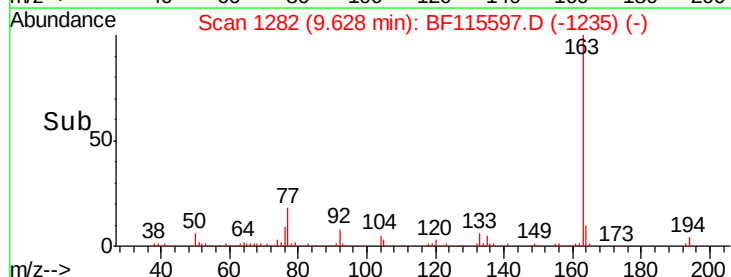
164 10.5 8.7 13.1

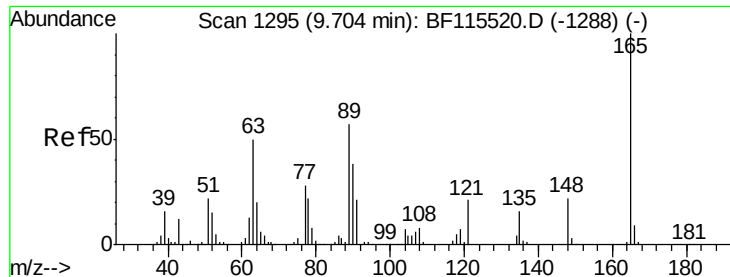


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

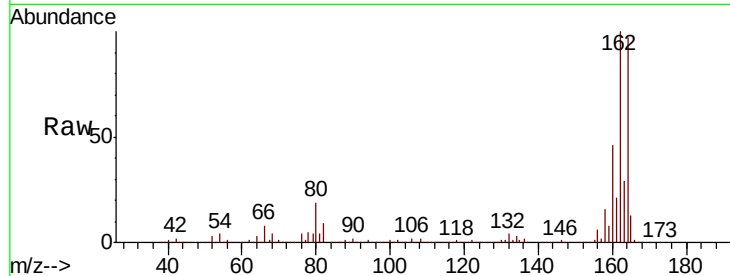




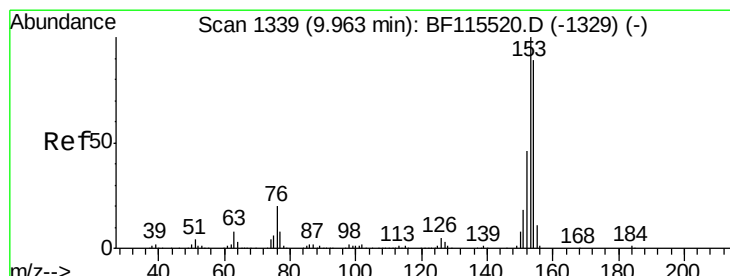
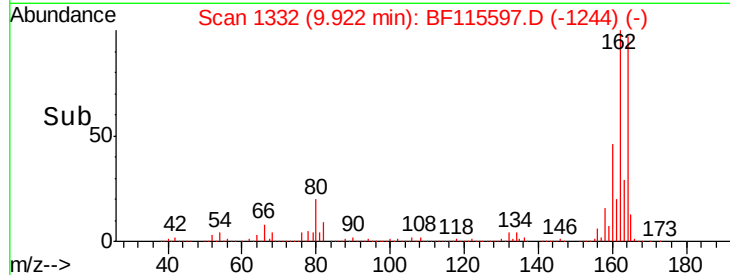
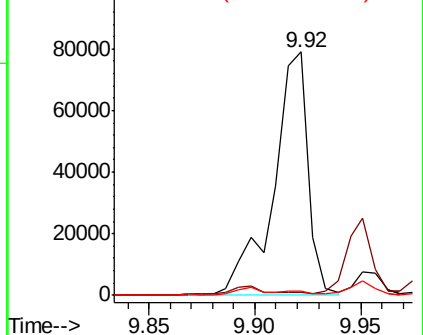
#51
 2,6-Dinitrotoluene
 Concen: 8.902 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF115597.D
 Acq: 16 Jul 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.6	61.0#
89	1.9	43.9	65.9#

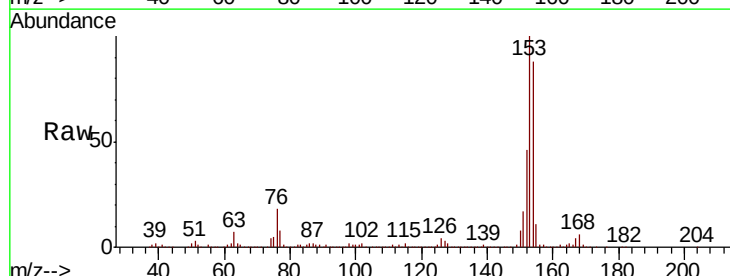


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

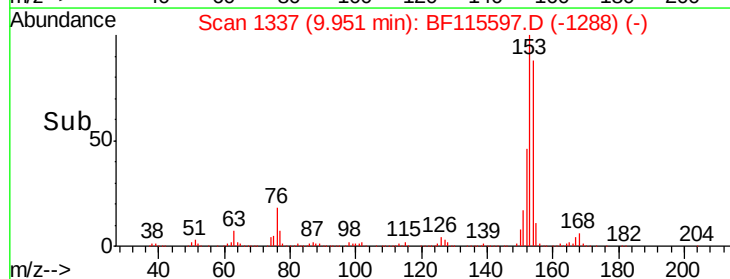
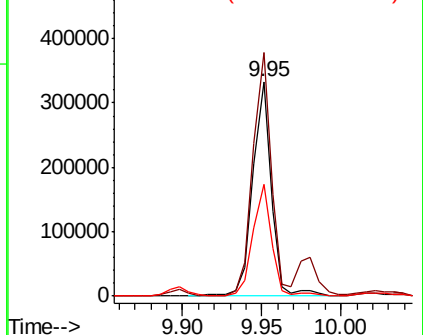


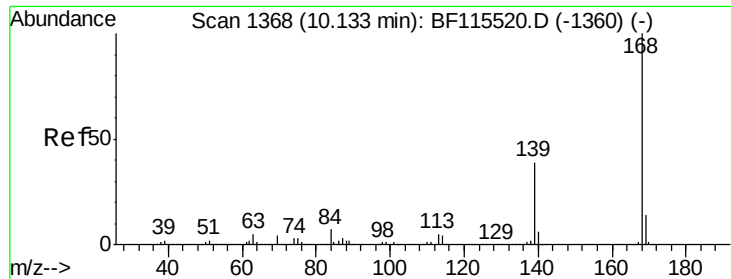
#52
 Acenaphthene
 Concen: 7.209 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF115597.D
 Acq: 16 Jul 2019 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.6	133.0
152	52.3	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

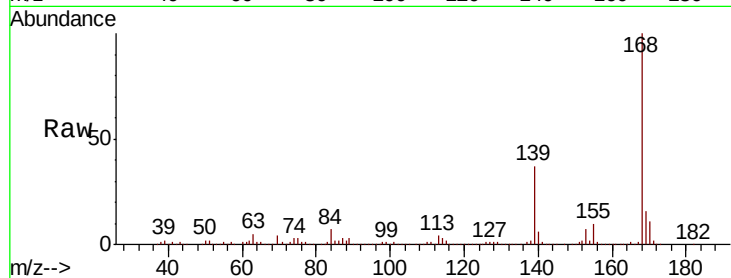




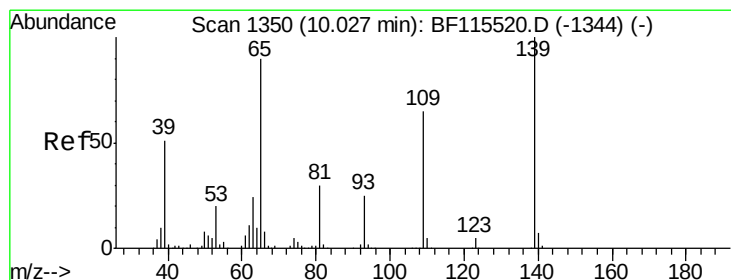
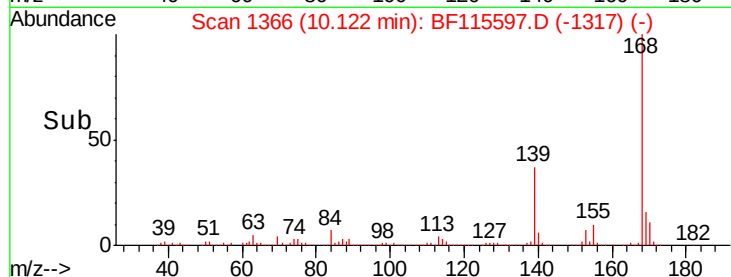
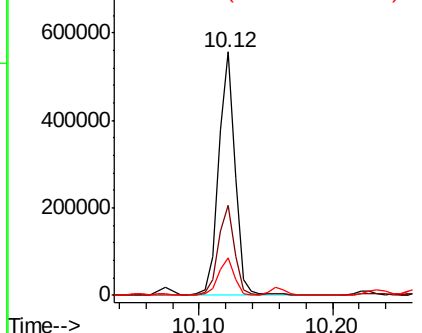
#55
Dibenzofuran
Concen: 9.082 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 480499
Ion Ratio Lower Upper
168 100
139 37.2 31.1 46.7
169 15.7 11.1 16.7

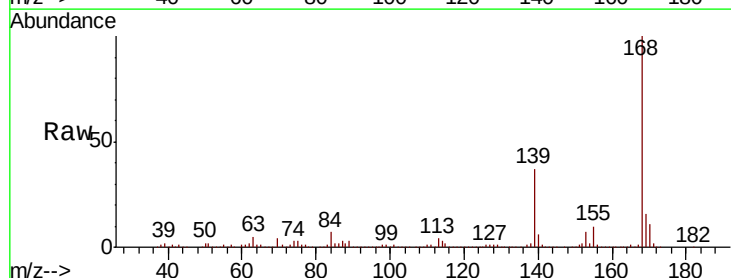


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

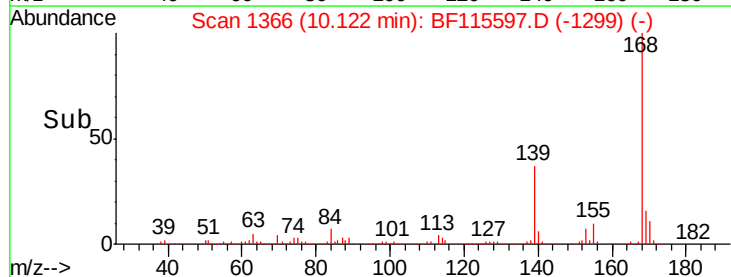
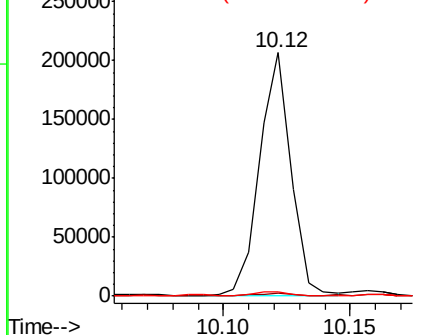


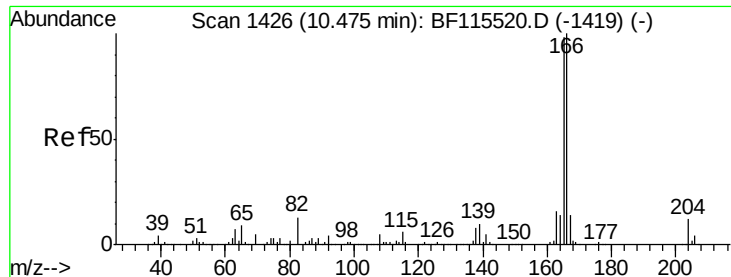
#56
4-Nitrophenol
Concen: 19.808 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt Ion:139 Resp: 176562
Ion Ratio Lower Upper
139 100
109 1.2 46.4 86.4#
65 1.8 68.9 108.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

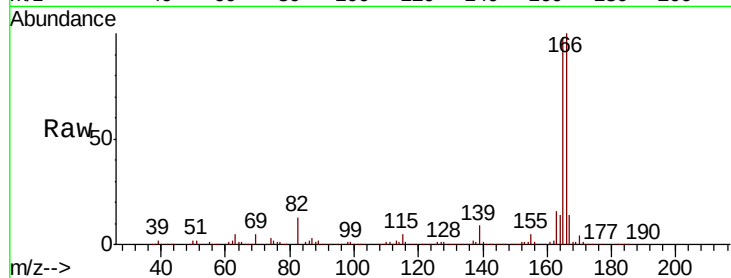




#58
 Fluorene
 Concen: 14.283 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115597.D
 Acq: 16 Jul 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.6
167	14.4	11.2	16.8

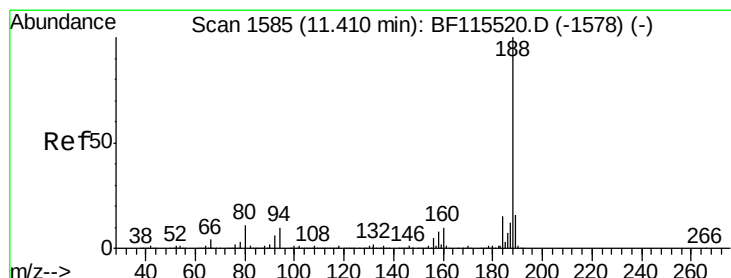
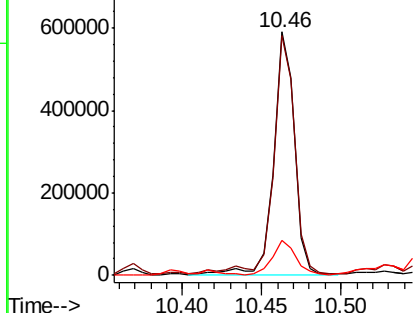
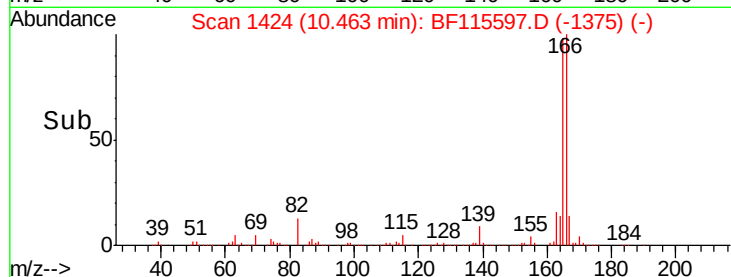


Abundance

Ion 166.00 (165.70 to 166.70): E

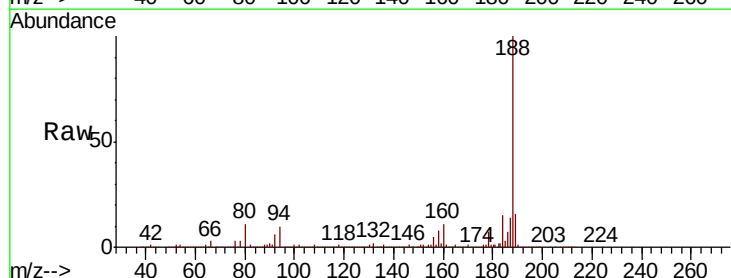
Ion 165.00 (164.70 to 165.70): E

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: BF115597.D
 Acq: 16 Jul 2019 15:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.5	8.6	13.0

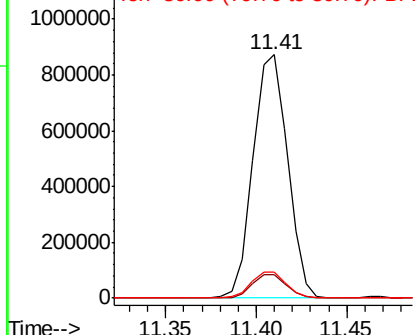
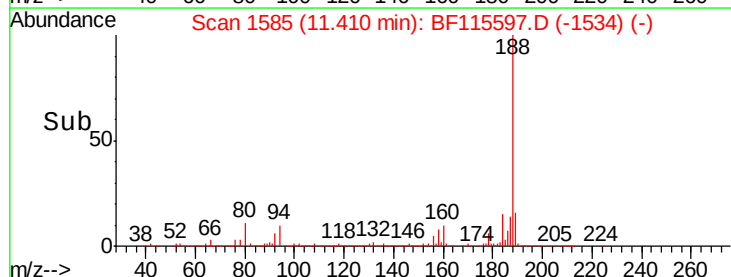


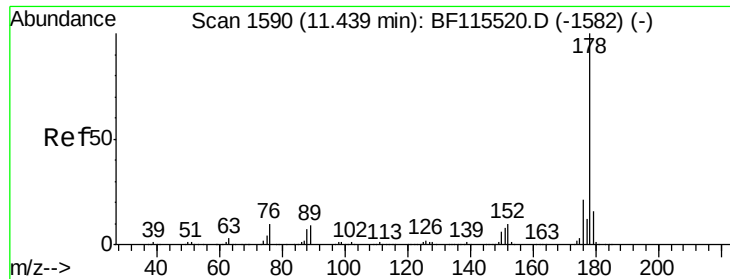
Abundance

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

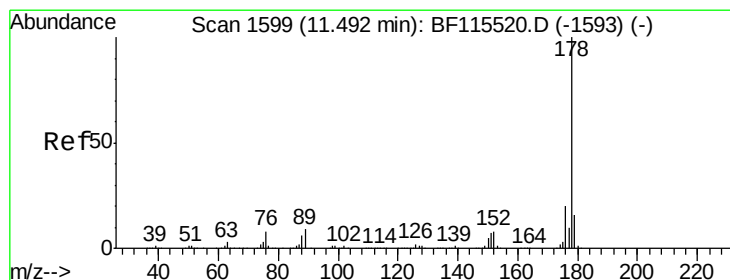
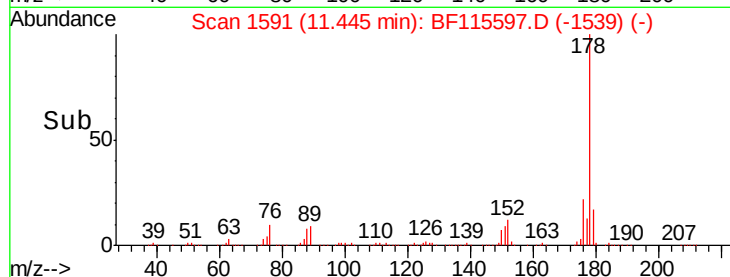
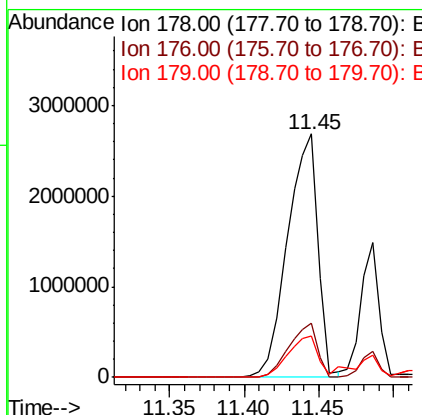
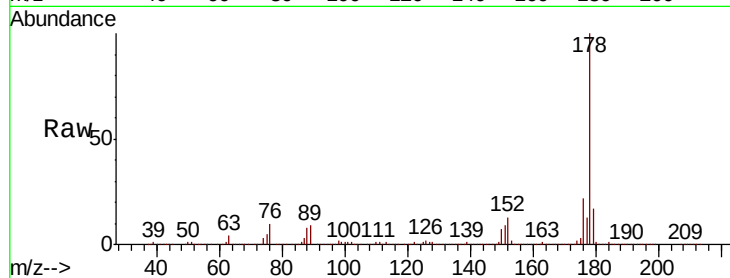




#71
Phenanthrene
Concen: 64.073 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

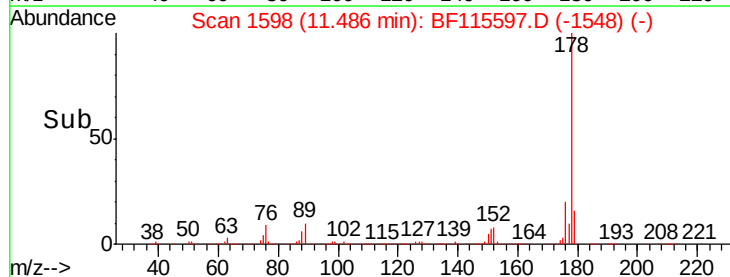
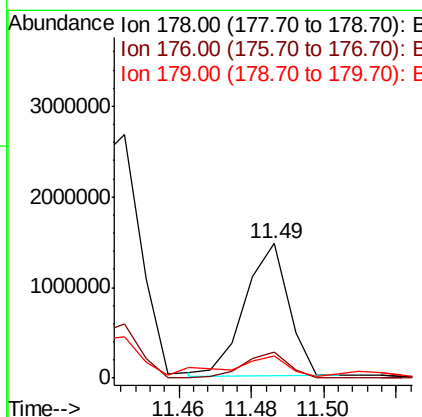
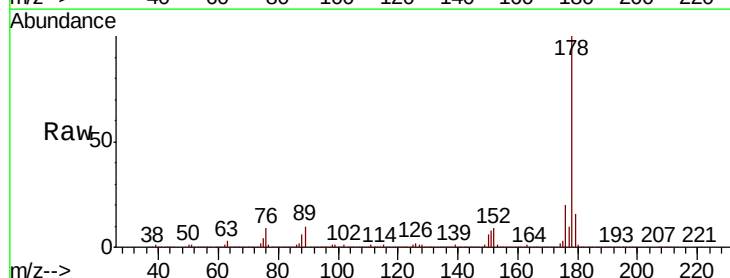
Instrument :
BNA_F
ClientSampleId :

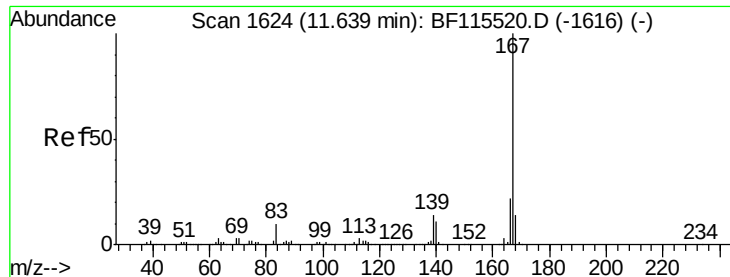
Tot Ion:178 Resp: 3797667
Ion Ratio Lower Upper
178 100
176 22.0 17.2 25.8
179 17.2 13.5 20.3



#72
Anthracene
Concen: 20.011 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt Ion:178 Resp: 1225769
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.1 12.7 19.1

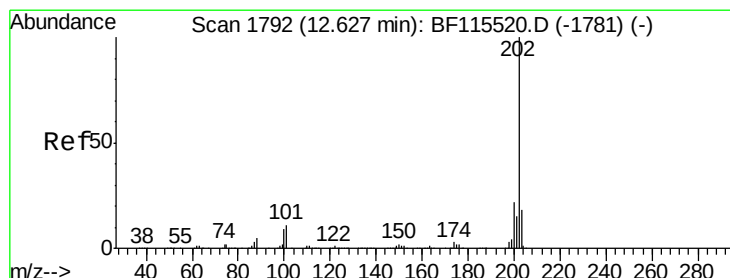
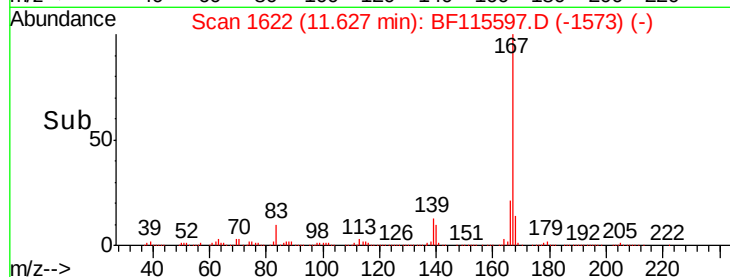
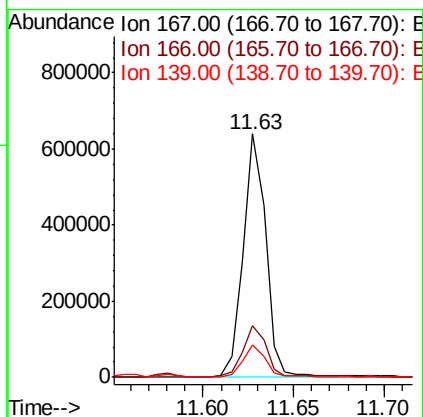
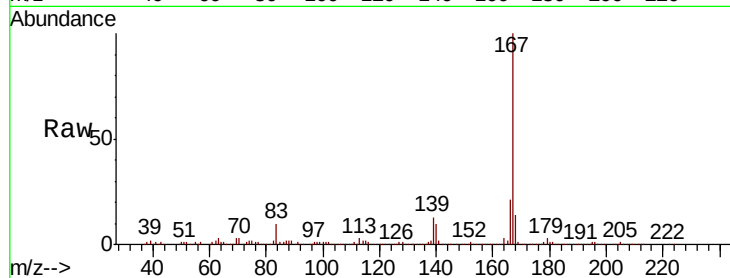




#73
 Carbazole
 Concen: 10.268 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115597.D
 Acq: 16 Jul 2019 15:16

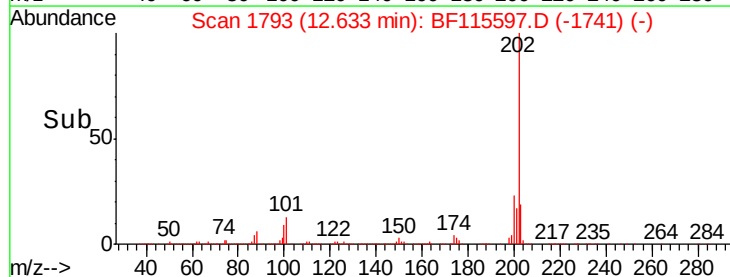
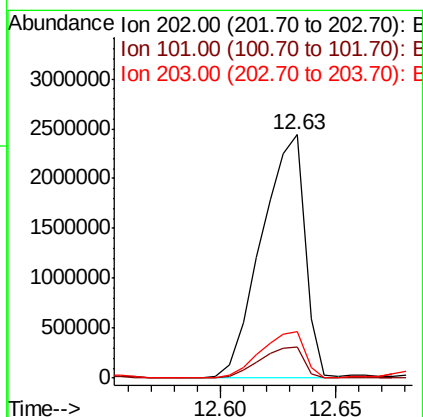
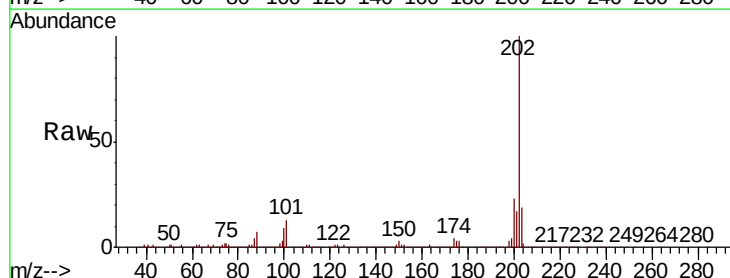
Instrument :
 BNA_F
 ClientSampleId :

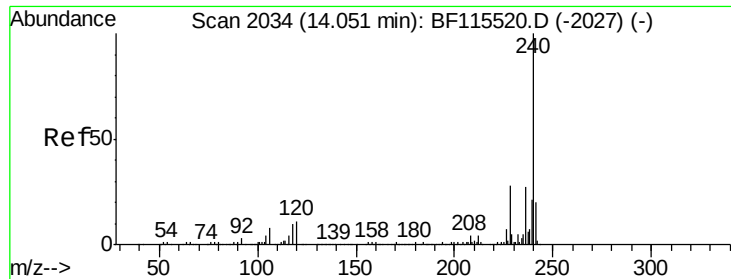
Tot Ion:167 Resp: 551572
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 13.3 11.3 16.9



#75
 Fluoranthene
 Concen: 50.639 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BF115597.D
 Acq: 16 Jul 2019 15:16

Tgt Ion:202 Resp: 3171733
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.4
 203 19.1 0.0 38.1

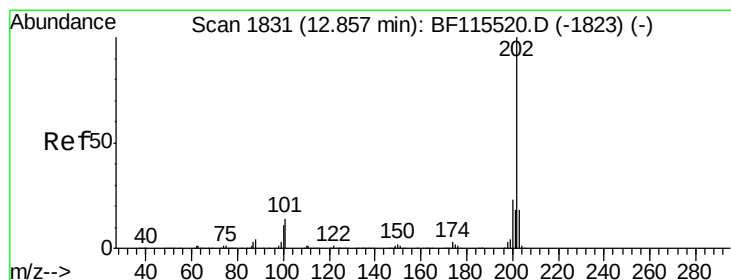
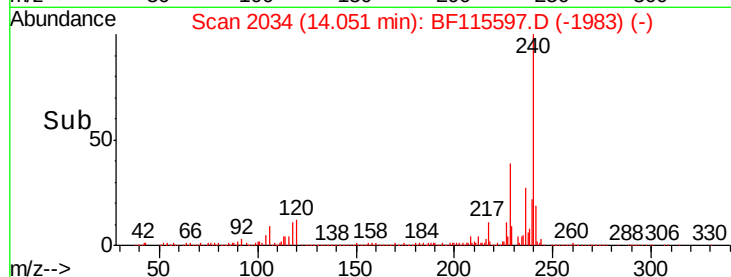
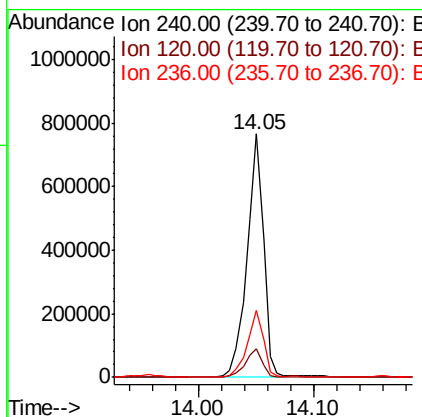
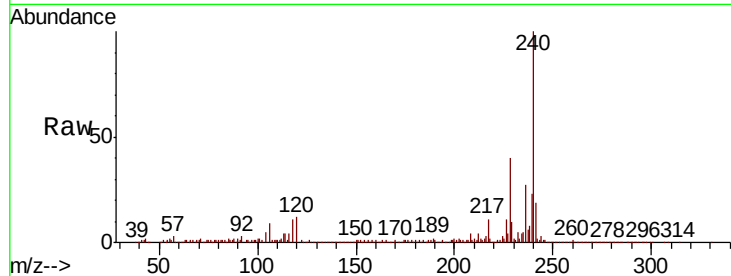




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

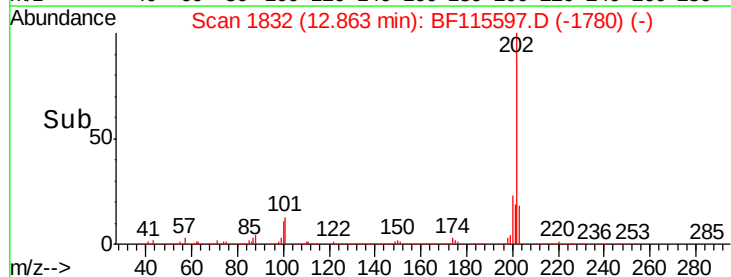
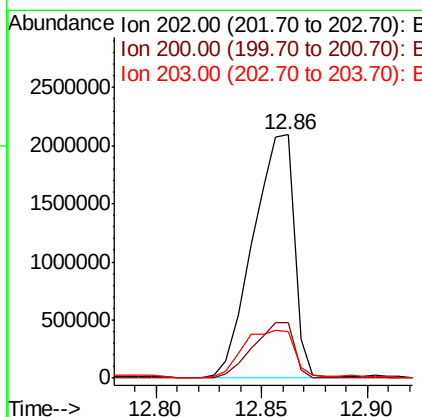
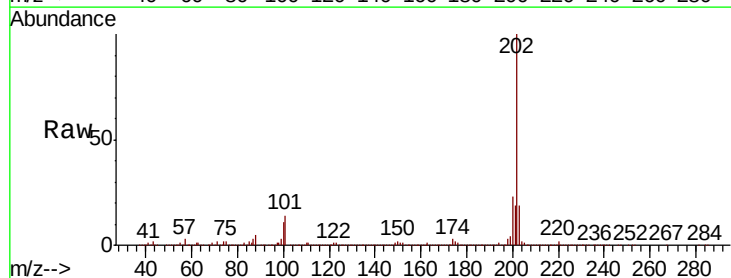
Instrument :
BNA_F
ClientSampled :

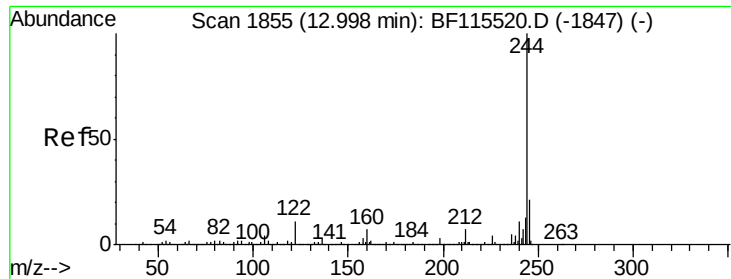
Tot Ion:240 Resp: 754747
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 27.3 21.3 31.9



#78
Pyrene
Concen: 44.290 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt Ion:202 Resp: 2832151
Ion Ratio Lower Upper
202 100
200 23.0 18.7 28.1
203 19.2 15.2 22.8

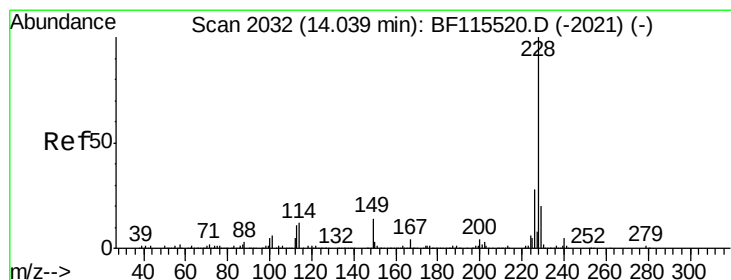
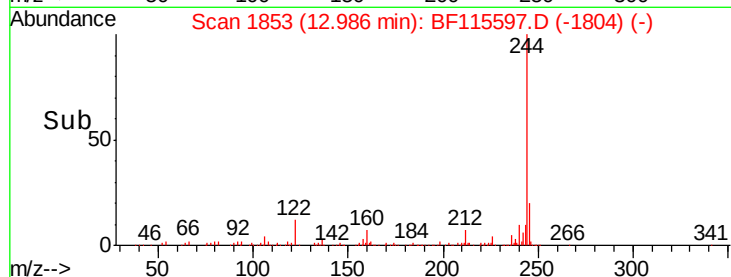
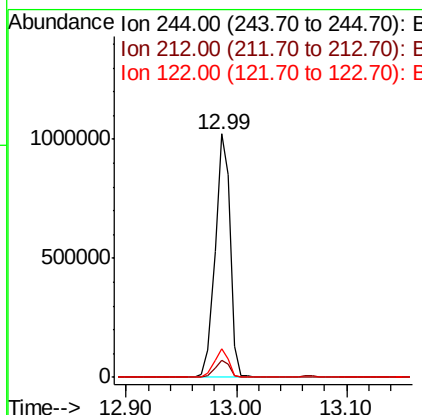
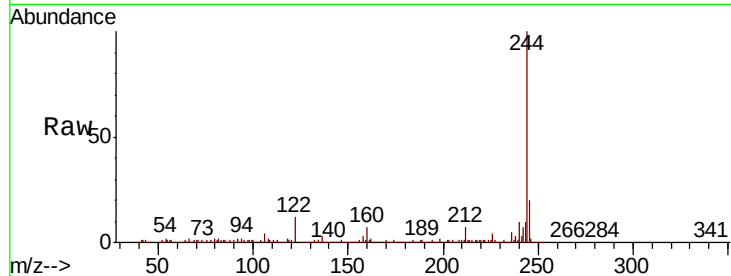




#79
 Terphenyl-d14
 Concen: 23.231 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115597.D
 Acq: 16 Jul 2019 15:16

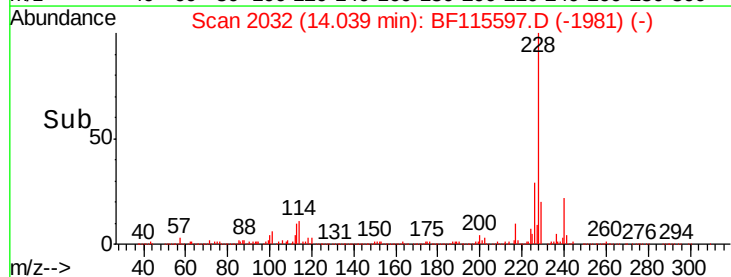
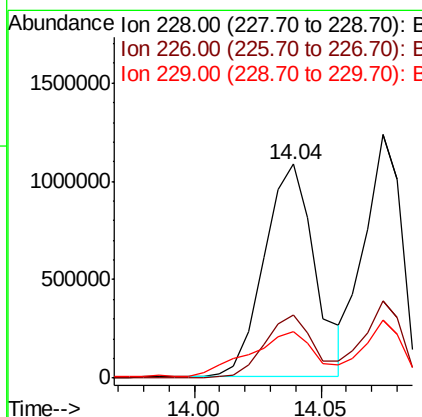
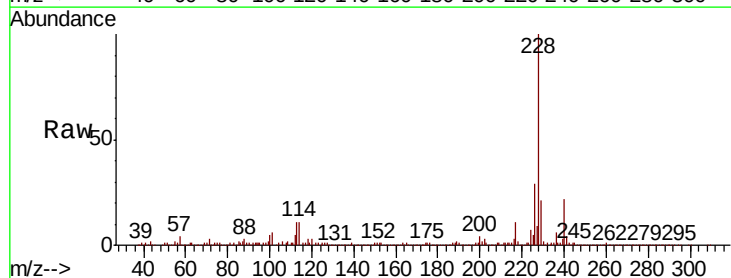
Instrument :
 BNA_F
 ClientSampled :

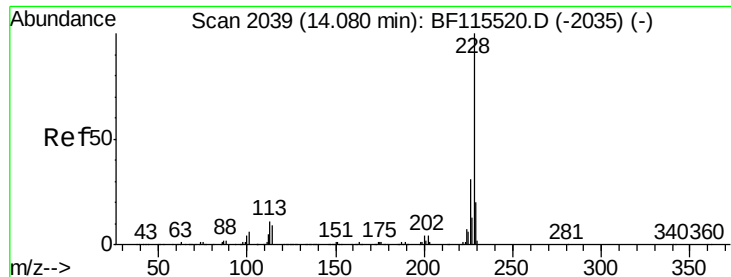
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.8	8.6	12.8



#81
 Benzo(a)anthracene
 Concen: 30.472 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF115597.D
 Acq: 16 Jul 2019 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	21.5	17.2	25.8





#83

Chrysene

Concen: 25.373 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Instrument :

BNA_F

ClientSampleId :

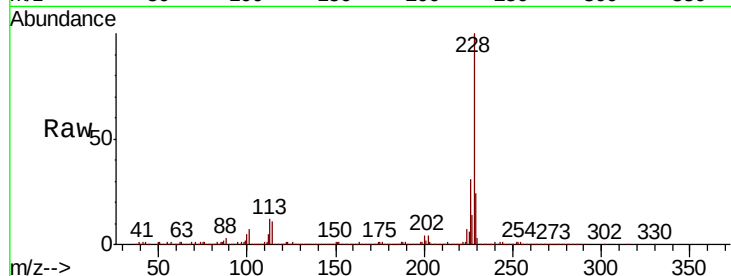
Tot Ion:228 Resp: 1266489

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.7	38.5
229	23.6	16.6	25.0

228 100

226 31.5 25.7 38.5

229 23.6 16.6 25.0

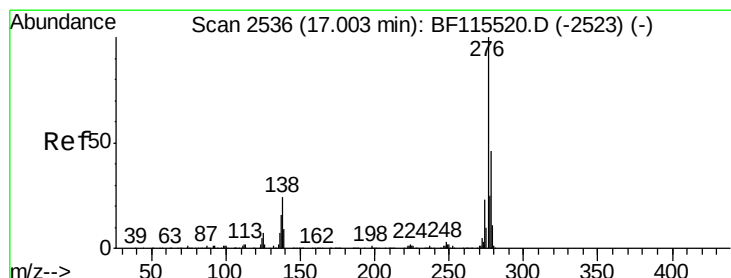
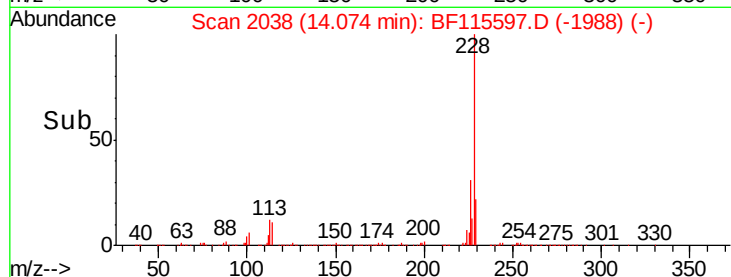
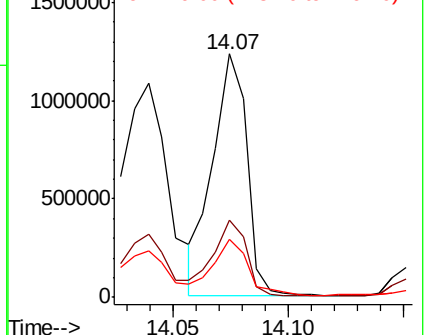


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 14.985 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

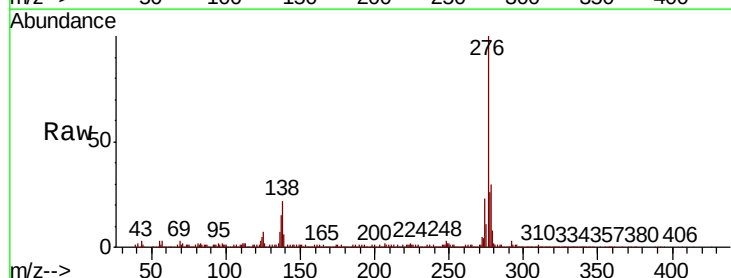
Tgt Ion:276 Resp: 635454

Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.2	30.2
277	23.6	20.4	30.6

276 100

138 22.0 20.2 30.2

277 23.6 20.4 30.6

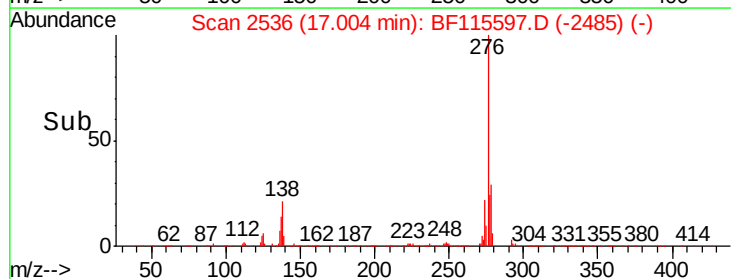
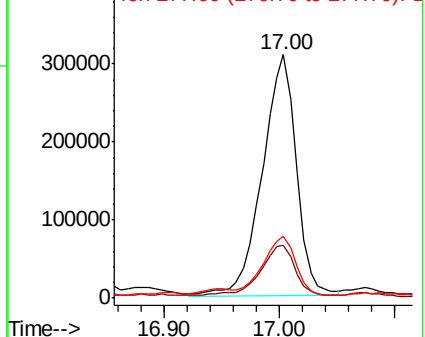


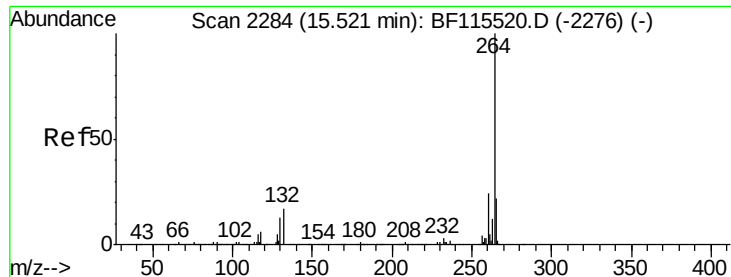
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Instrument :

BNA_F

ClientSampleId :

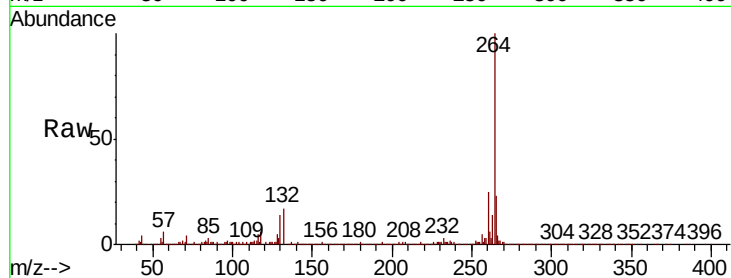
Tot Ion:264 Resp: 958418

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

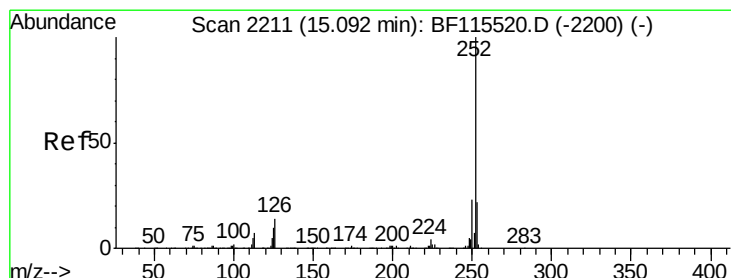
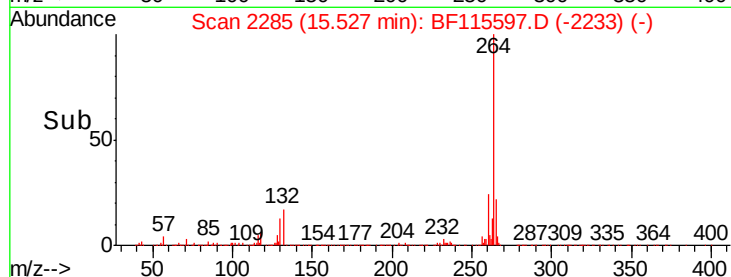
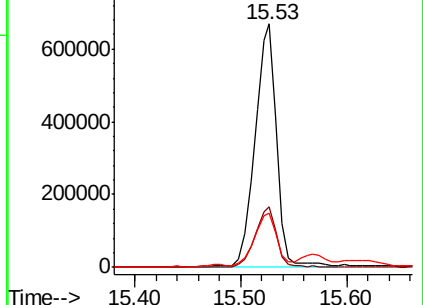
265 22.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 32.320 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

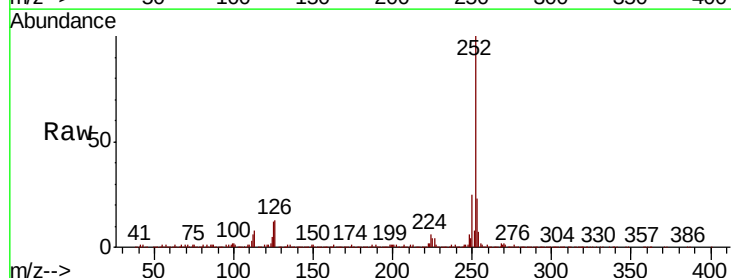
Tgt Ion:252 Resp: 1994638

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

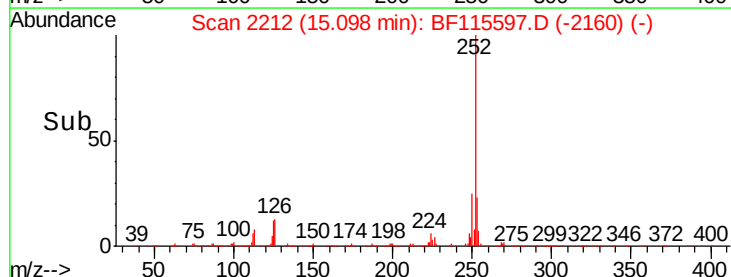
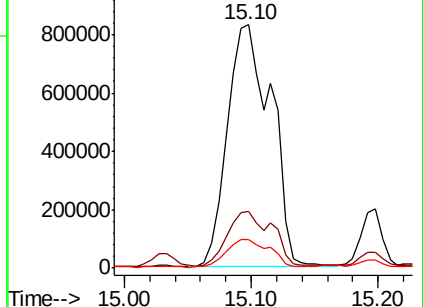
125 12.0 9.0 13.4

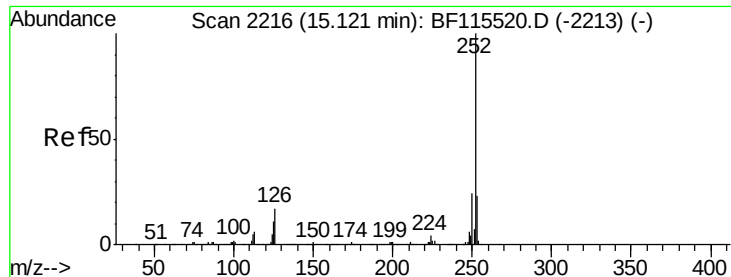


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

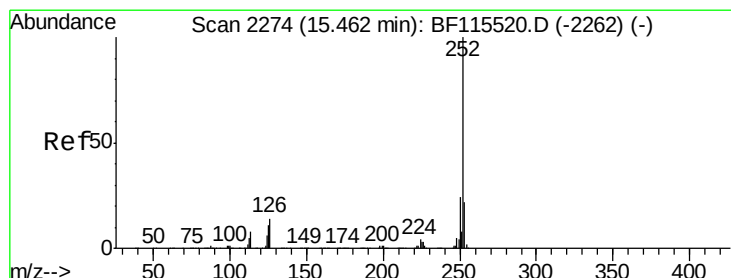
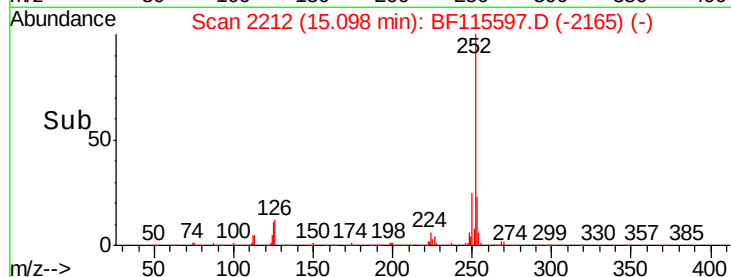
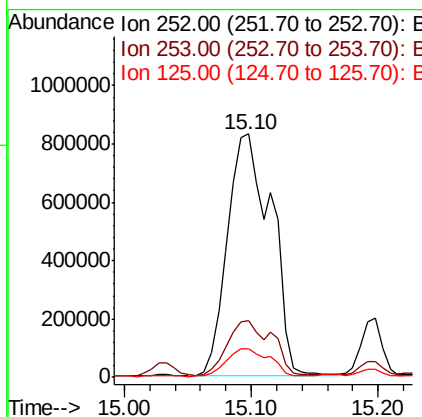
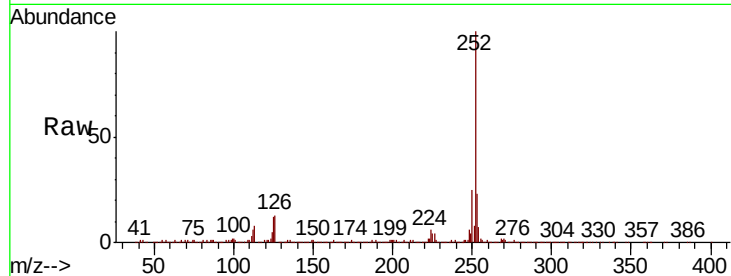




#89
Benzo(k)fluoranthene
Concen: 36.252 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

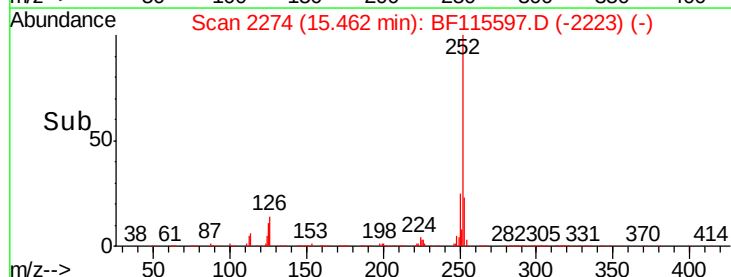
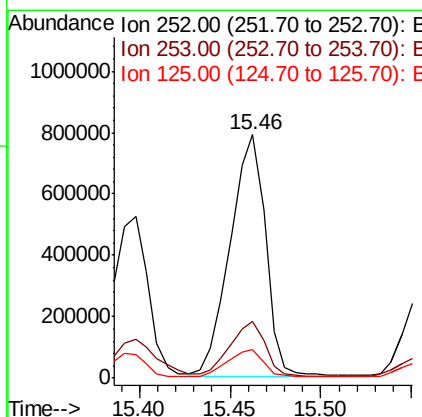
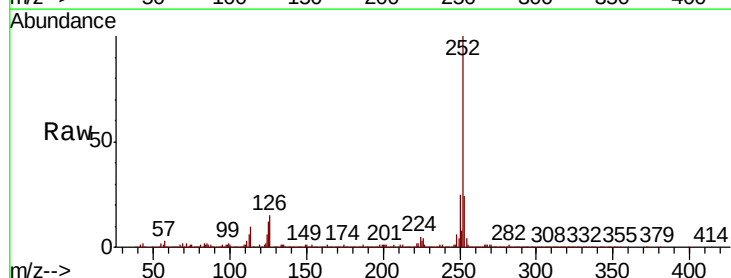
Instrument :
BNA_F
ClientSampled :

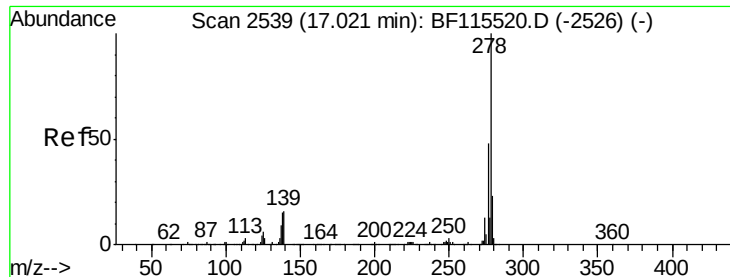
Tot Ion:252 Resp: 1994638
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 12.0 9.0 13.6



#90
Benzo(a)pyrene
Concen: 20.305 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115597.D
Acq: 16 Jul 2019 15:16

Tgt Ion:252 Resp: 1077038
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 11.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 3.901 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Instrument :

BNA_F

ClientSampleId :

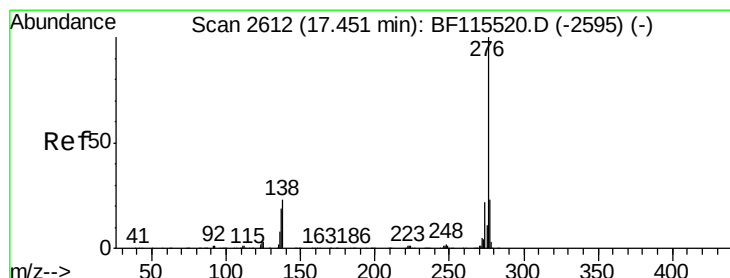
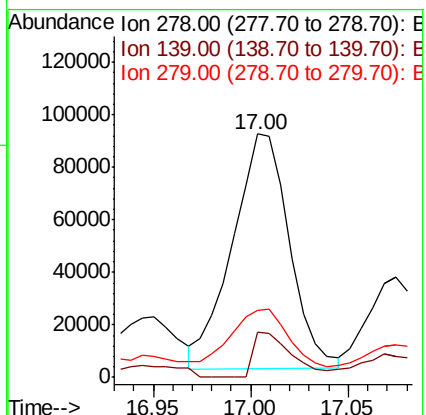
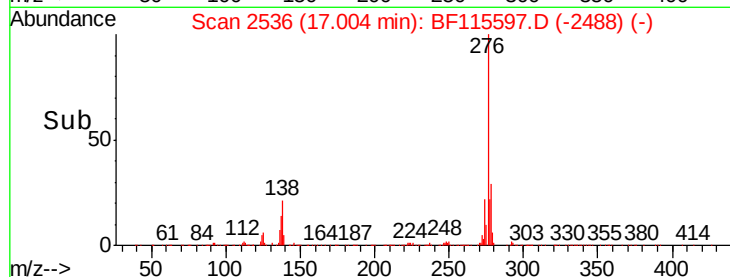
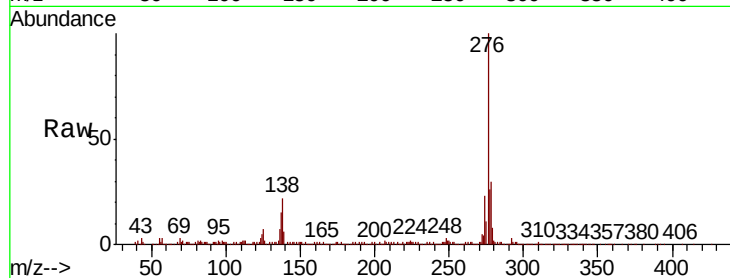
Tot Ion:278 Resp: 181678

Ion Ratio Lower Upper

278 100

139 18.7 13.1 19.7

279 27.5 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 12.720 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BF115597.D

Acq: 16 Jul 2019 15:16

Tgt Ion:276 Resp: 590721

Ion Ratio Lower Upper

276 100

277 25.2 19.0 28.4

138 22.4 17.2 25.8

