

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117869.D
 Acq On : 19 Nov 2019 19:41
 Operator : JU
 Sample : K5904-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:32:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	199622	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	884111	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	457875	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	780178	20.00	ng	0.00
76) Chrysene-d12	14.11	240	445704	20.00	ng	0.00
87) Perylene-d12	15.62	264	485711	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1436188	127.35	ng	0.00
7) Phenol-d6	6.54	99	1873341	137.72	ng	0.00
23) Nitrobenzene-d5	7.48	82	1119471	75.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	501606	103.48	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	2024360	79.32	ng	-0.01
79) Terphenyl-d14	13.05	244	1704206	69.88	ng	0.00

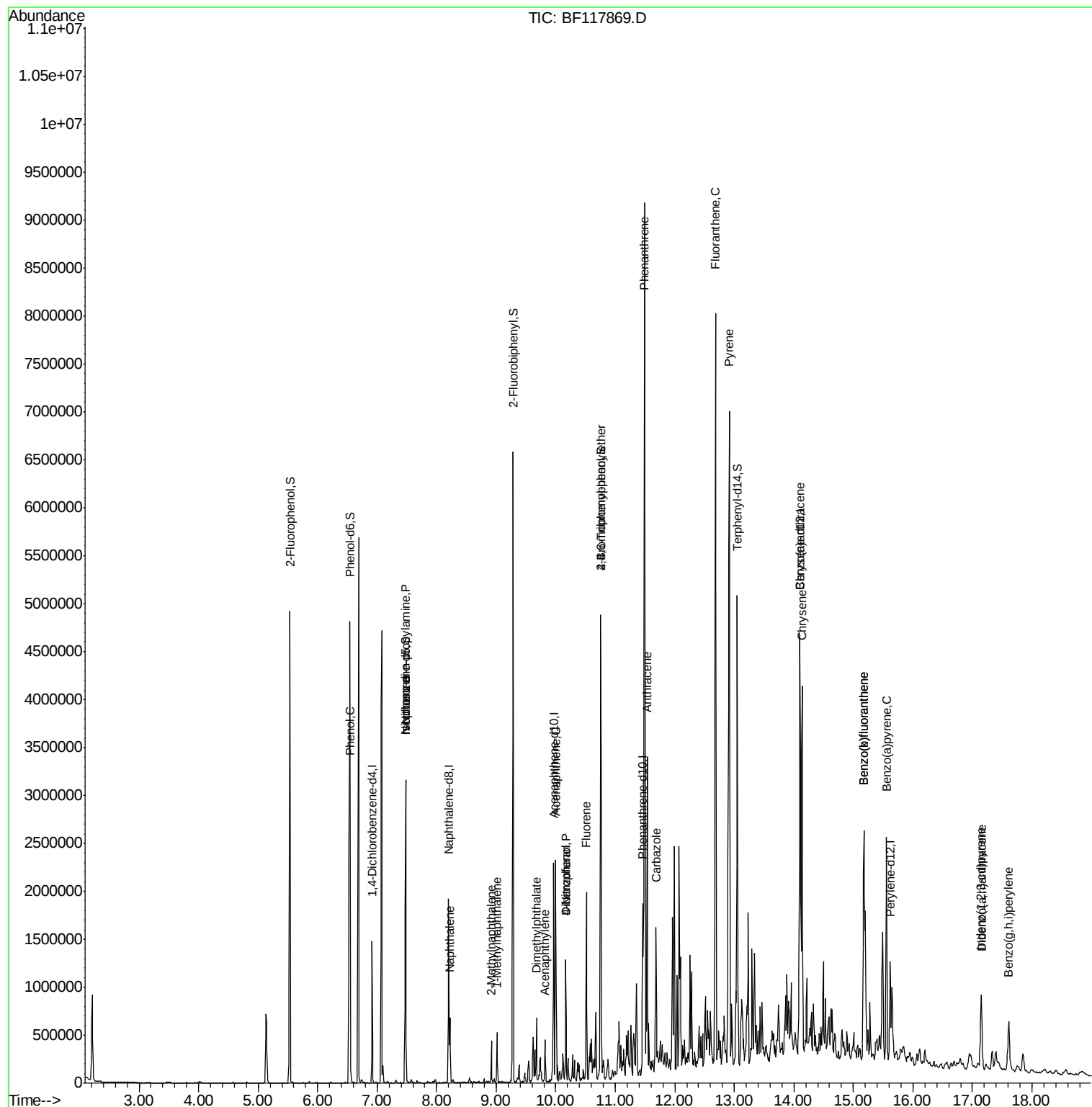
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	1739	Below Cal		97
10) Phenol	6.55	94	82720	5.852 ng		97
19) n-Nitroso-di-n-propylamine	7.48	70	155722	18.557 ng	#	75
25) Isophorone	7.48	82	1119455	41.067 ng	#	62
31) Naphthalene	8.22	128	262810	6.376 ng		97
37) 2-Methylnaphthalene	8.92	142	105863	3.801 ng		97
38) 1-Methylnaphthalene	9.02	142	122701	4.660 ng		100
49) Acenaphthylene	9.82	152	117190	2.876 ng		97
50) Dimethylphthalate	9.67	163	259012	8.067 ng		97
52) Acenaphthene	10.00	154	436685	16.731 ng		99
55) Dibenzofuran	10.17	168	385928	10.678 ng		96
56) 4-Nitrophenol	10.17	139	150136	23.954 ng	#	9
58) Fluorene	10.52	166	501928	17.921 ng		99
67) 4-Bromophenyl-phenylether	10.76	248	32395	3.848 ng	#	1
71) Phenanthrene	11.49	178	3927651	100.132 ng		96
72) Anthracene	11.54	178	1237411	31.818 ng		99
73) Carbazole	11.69	167	506137	14.893 ng		99
75) Fluoranthene	12.69	202	3580790	111.341 ng		96
78) Pyrene	12.92	202	3046475	84.578 ng		97
81) Benzo(a)anthracene	14.10	228	1574391	53.455 ng		97
83) Chrysene	14.14	228	1383837	48.488 ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	536812	22.100 ng		95
88) Benzo(b)fluoranthene	15.17	252	2066859	65.496 ng		98
89) Benzo(k)fluoranthene	15.17	252	2066859	69.512 ng		97
90) Benzo(a)pyrene	15.56	252	1150926	41.476 ng		97
91) Dibenzo(a,h)anthracene	17.16	278	146425	6.131 ng		95
92) Benzo(g,h,i)perylene	17.61	276	437294	18.382 ng		99

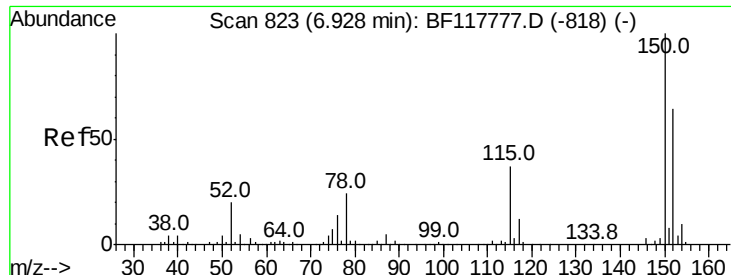
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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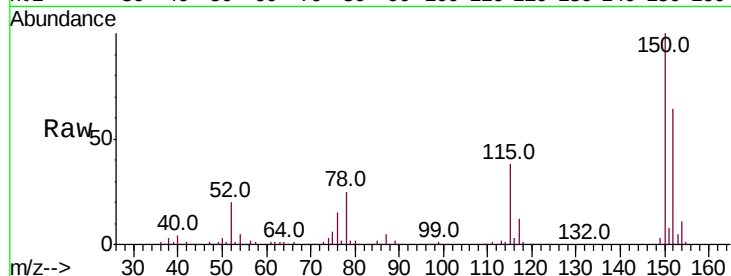


#1

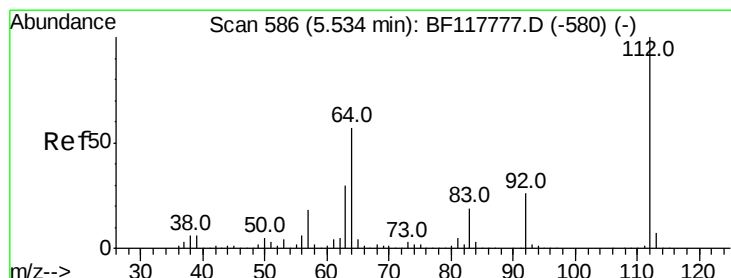
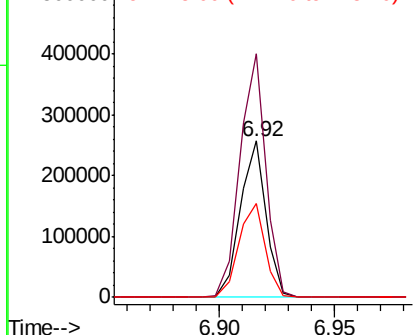
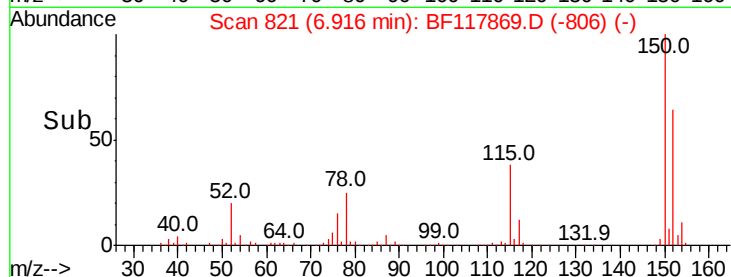
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 199622
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 59.8 47.0 70.4



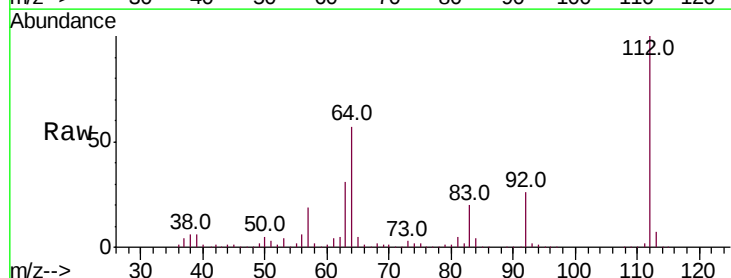
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



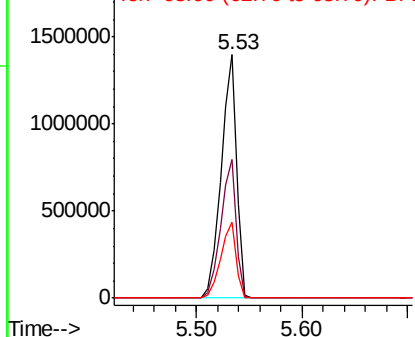
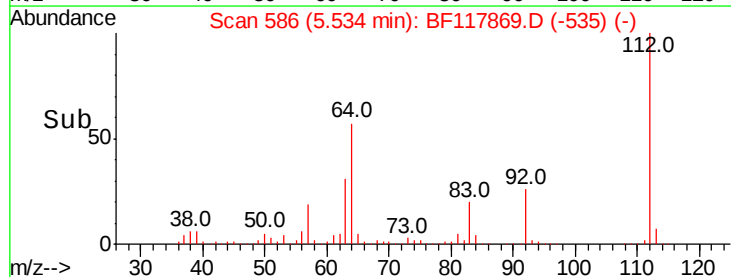
#5

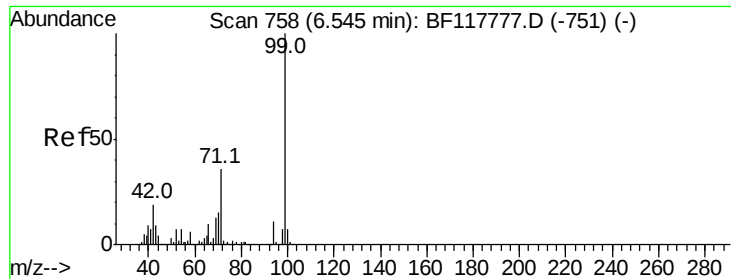
2-Fluorophenol
Concen: 127.351 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Tgt Ion:112 Resp: 1436188
Ion Ratio Lower Upper
112 100
64 57.0 45.6 68.4
63 31.2 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: 137.722 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

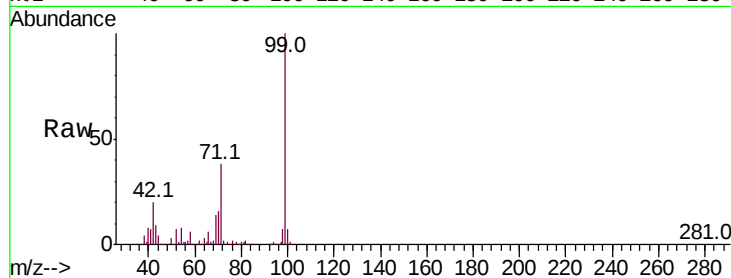
Tot Ion: 99 Resp: 1873341

Ion Ratio Lower Upper

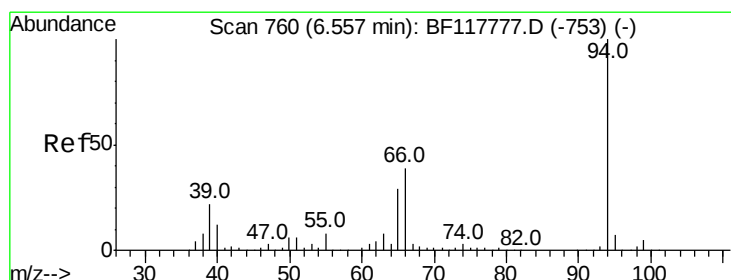
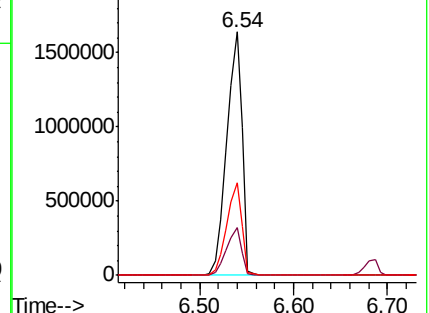
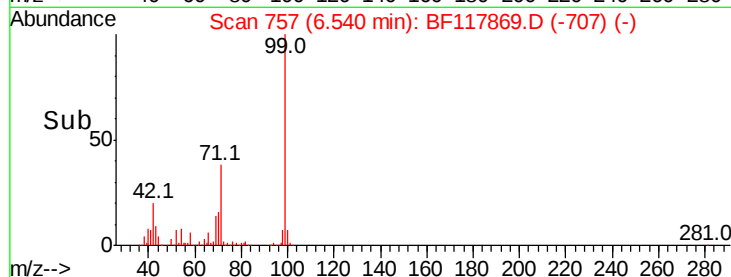
99 100

42 19.9 14.9 22.3

71 38.2 28.6 43.0



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



#10

Phenol

Concen: 5.852 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

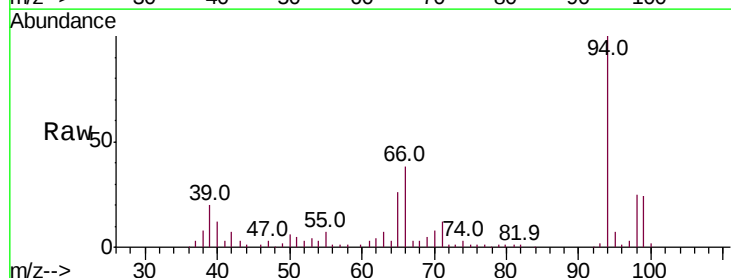
Tgt Ion: 94 Resp: 82720

Ion Ratio Lower Upper

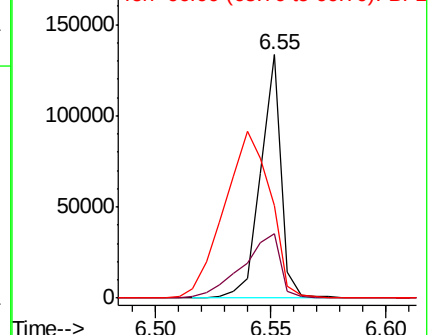
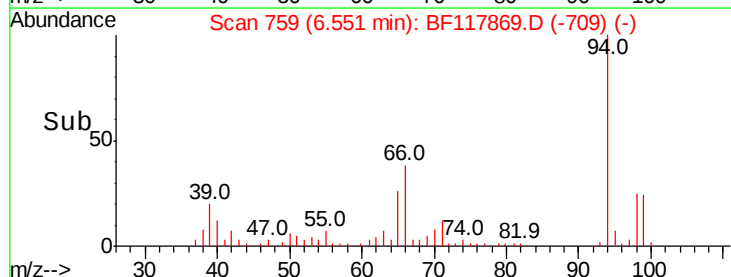
94 100

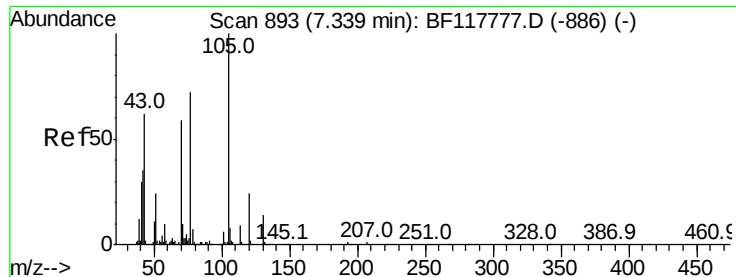
65 26.3 8.9 48.9

66 37.8 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

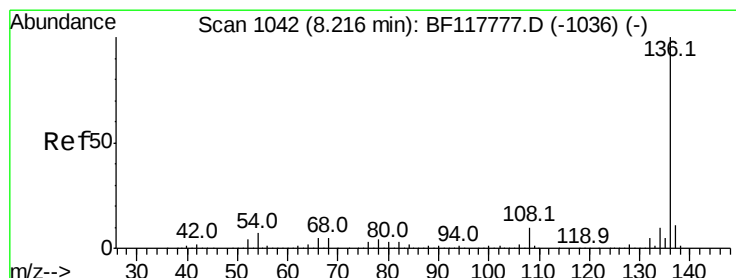
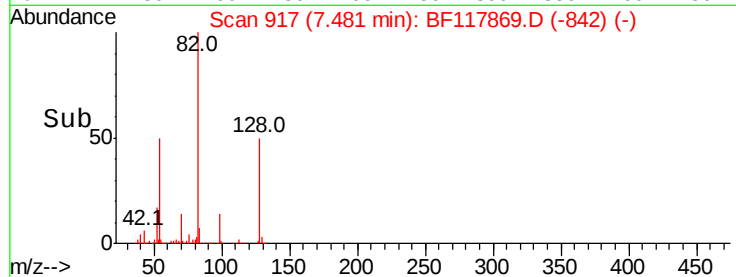
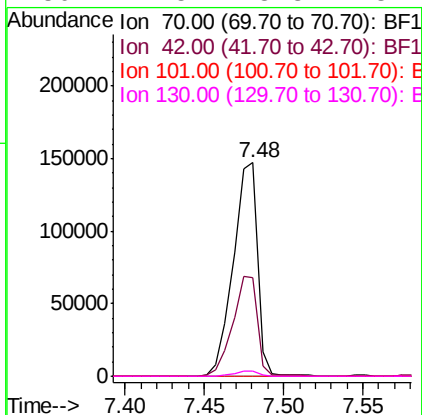
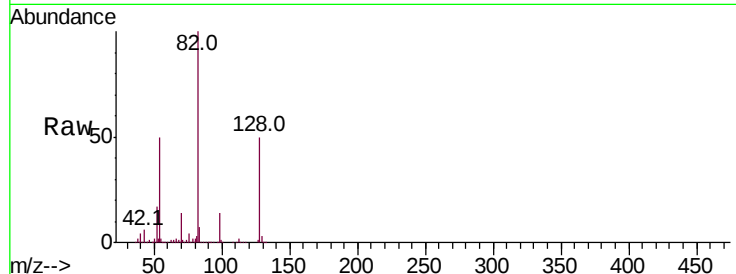




#19
n-Nitroso-di-n-propylamine
Concen: 18.557 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

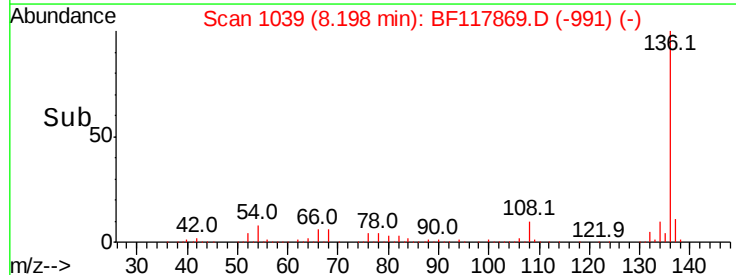
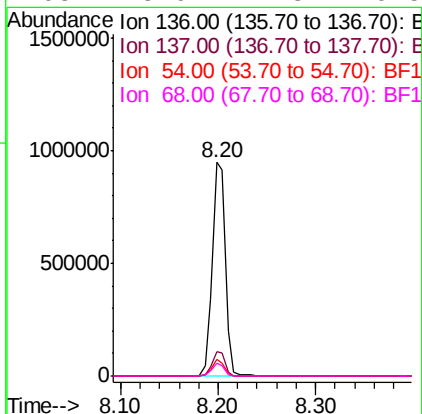
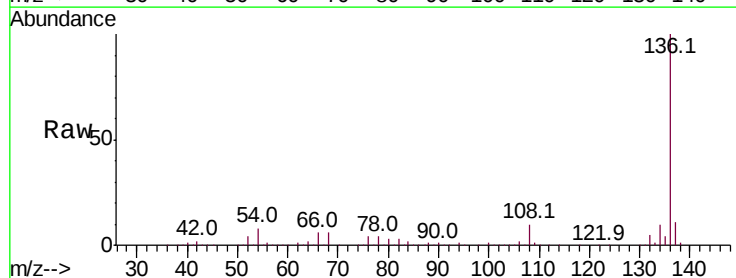
Instrument :
BNA_F
ClientSampleId :

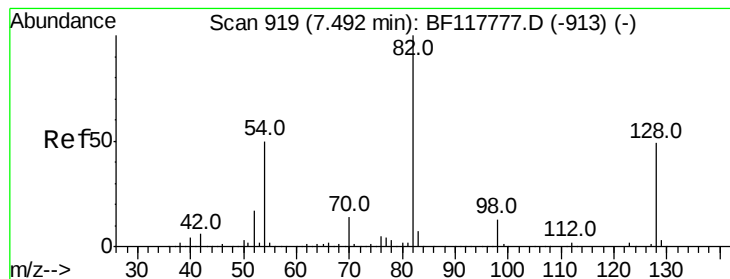
Tot Ion: 70 Resp: 155722
Ion Ratio Lower Upper
70 100
42 46.0 47.4 71.2#
101 0.0 8.4 12.6#
130 2.5 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Tgt Ion: 136 Resp: 884111
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.7 5.4 8.2
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 75.271 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

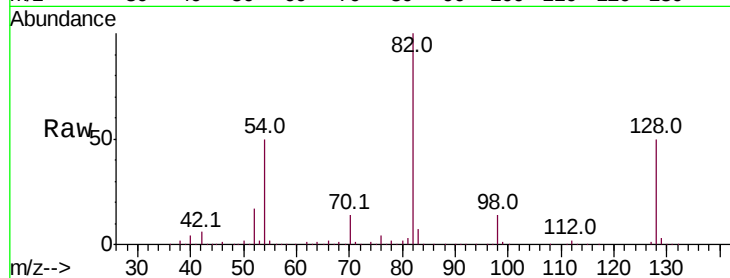
Tot Ion: 82 Resp: 1119471

Ion Ratio Lower Upper

82 100

128 50.1 38.9 58.3

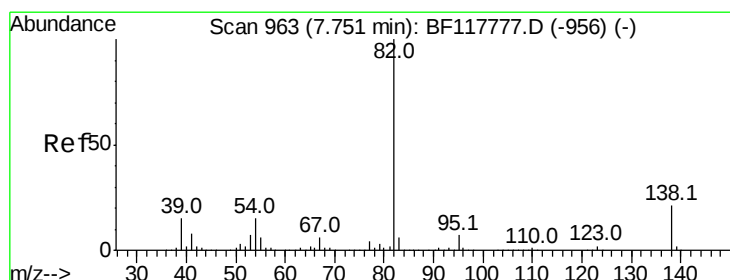
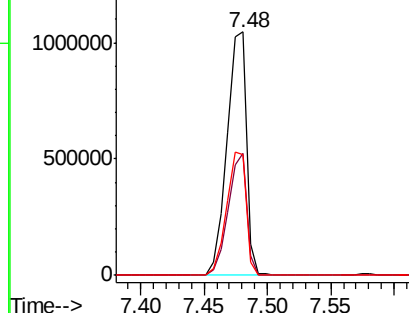
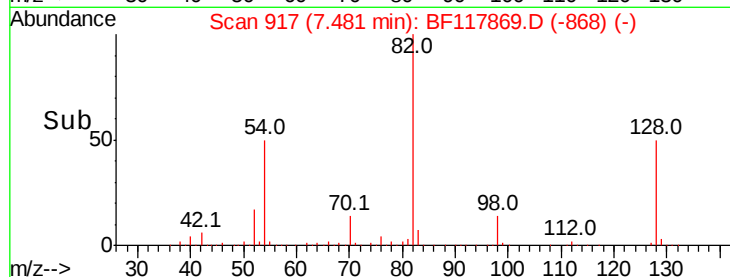
54 49.5 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 41.067 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

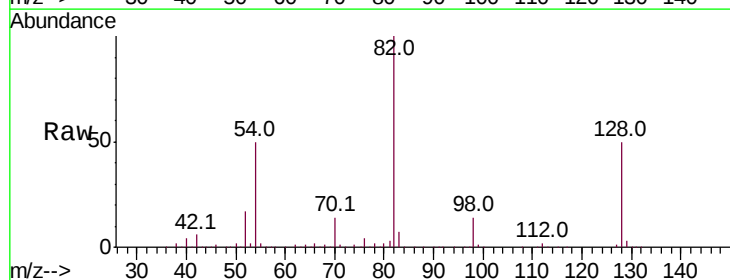
Tgt Ion: 82 Resp: 1119455

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

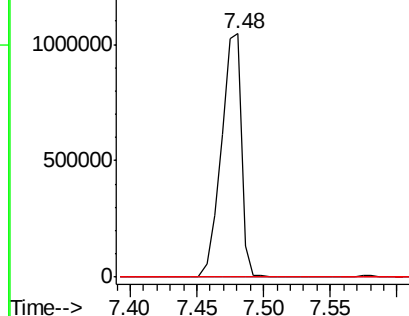
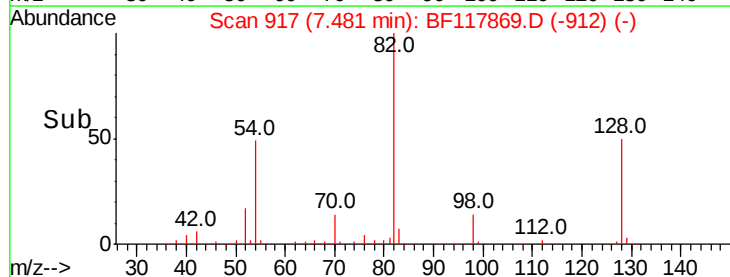
138 0.0 16.5 24.7#

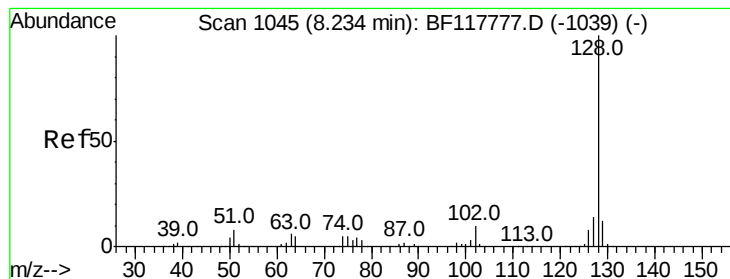


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 6.376 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

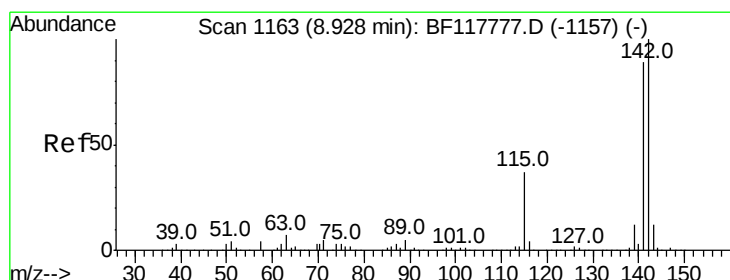
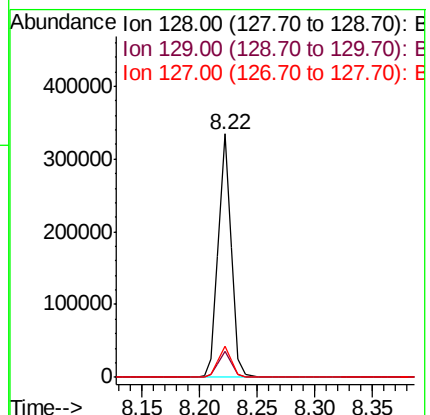
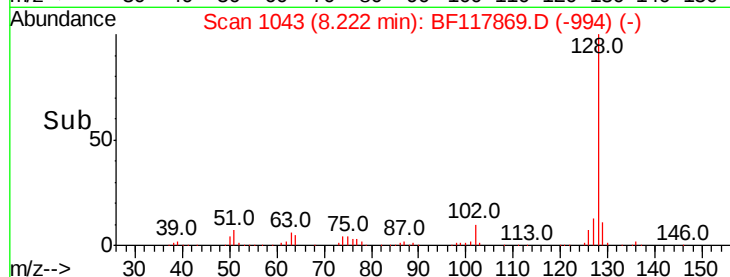
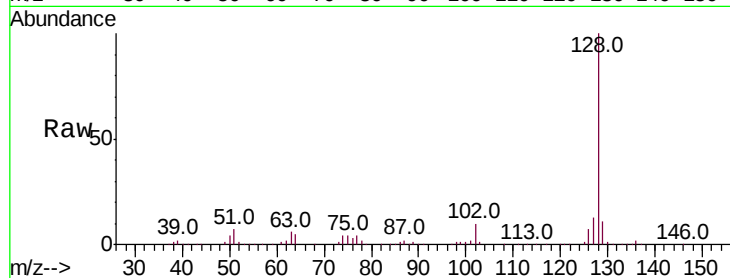
Tot Ion:128 Resp: 262810

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

127 12.8 11.3 16.9



#37

2-Methylnaphthalene

Concen: 3.801 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

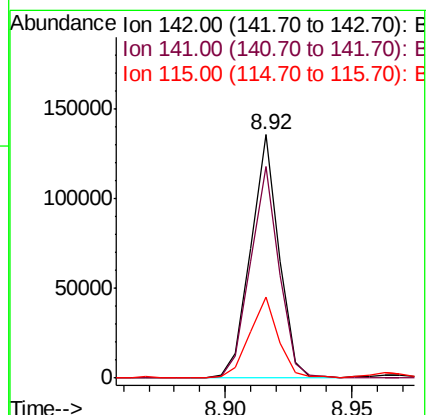
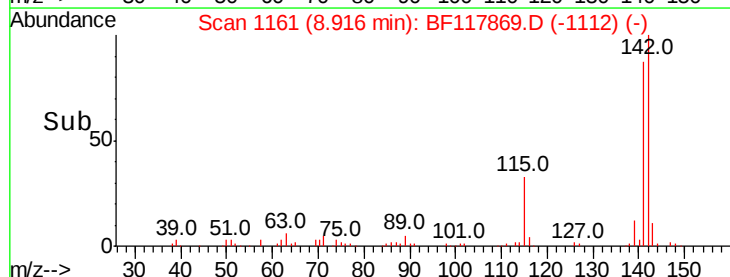
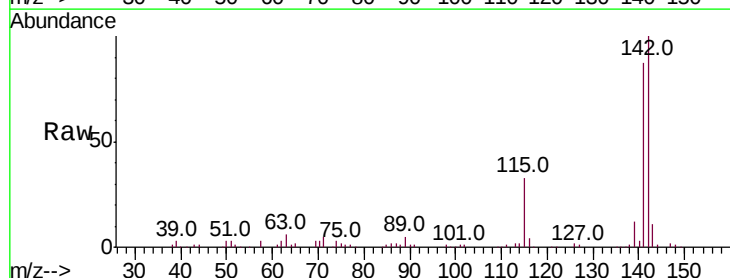
Tgt Ion:142 Resp: 105863

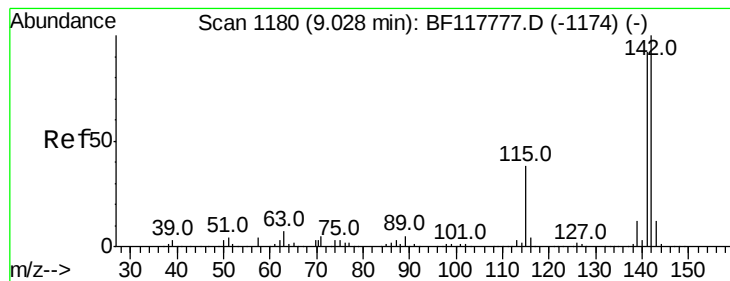
Ion Ratio Lower Upper

142 100

141 87.1 71.1 106.7

115 33.2 29.2 43.8





#38

1-Methylnaphthalene

Concen: 4.660 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

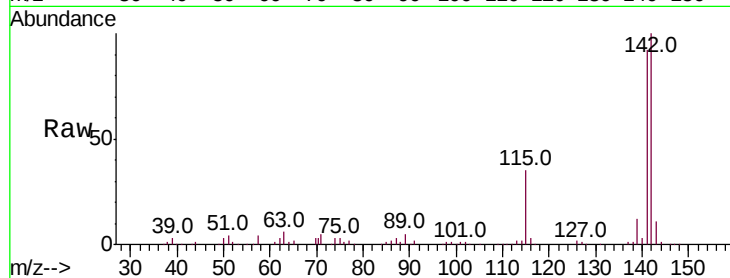
Tot Ion:142 Resp: 122701

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3

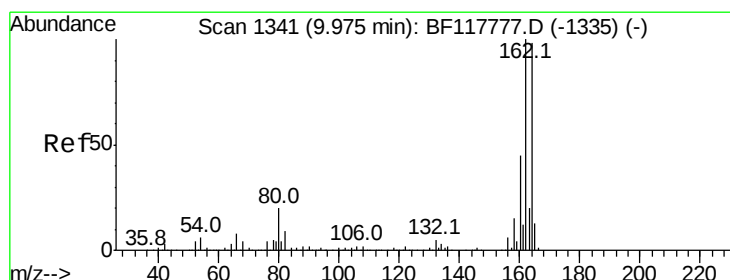
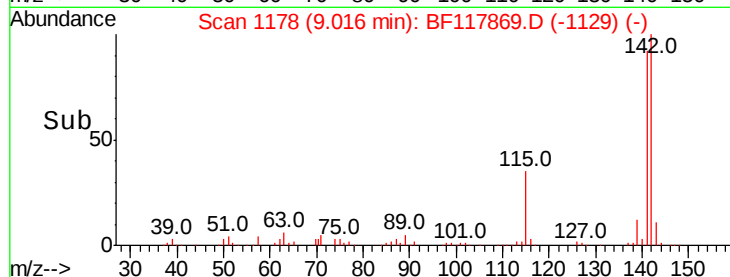
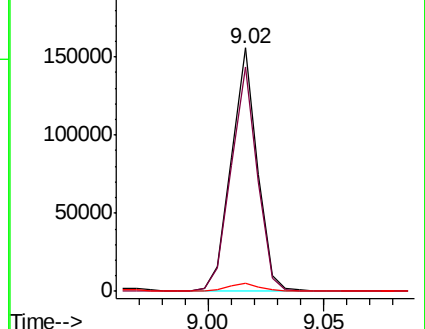
116 3.4 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

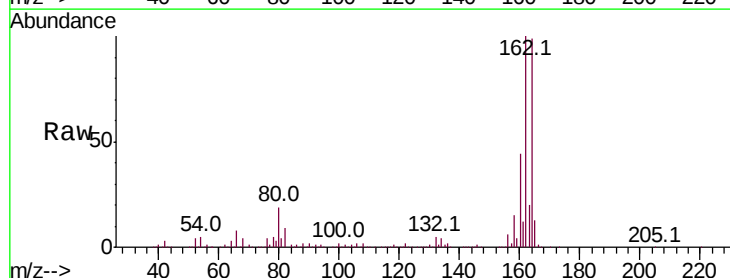
Tgt Ion:164 Resp: 457875

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

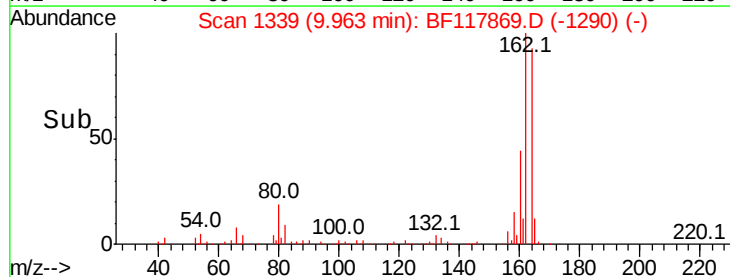
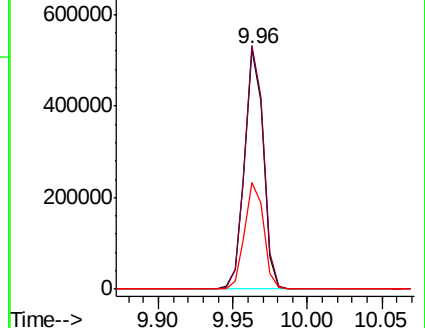
160 44.6 36.6 55.0

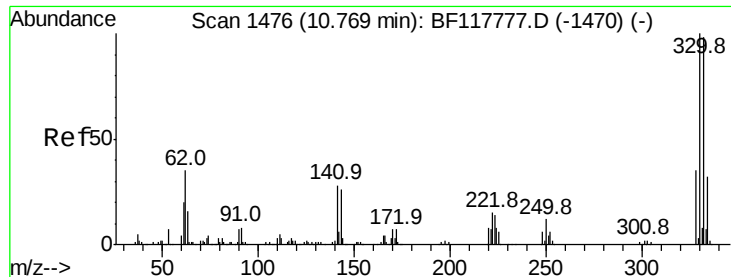


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 103.478 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

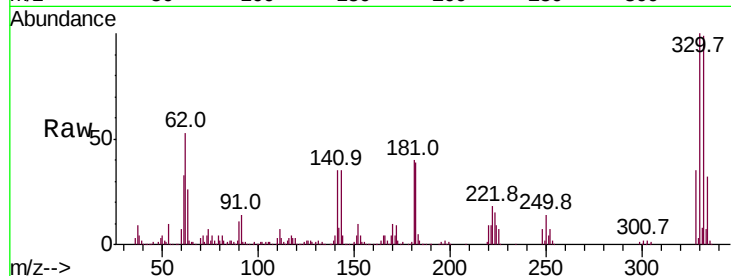
Tot Ion:330 Resp: 501606

Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

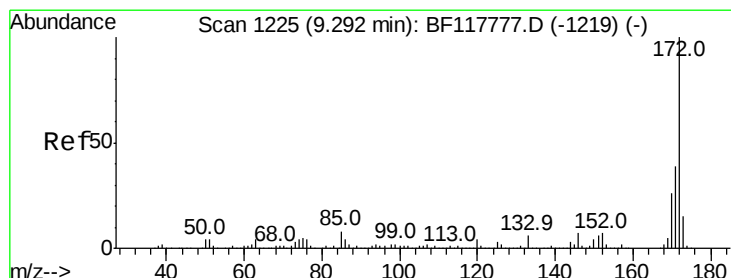
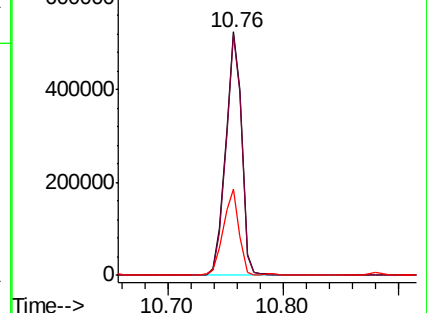
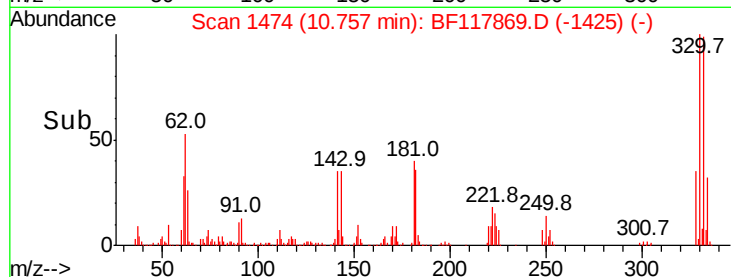
141 34.9 27.7 41.5



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: 79.318 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

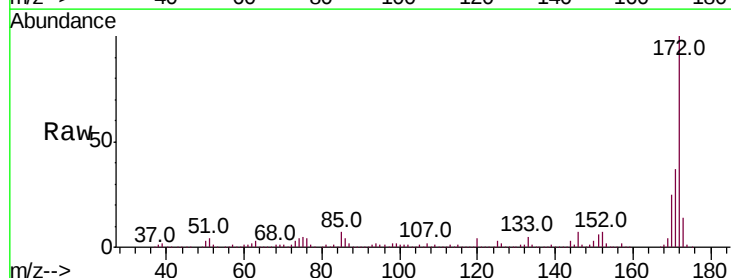
Tgt Ion:172 Resp: 2024360

Ion Ratio Lower Upper

172 100

171 36.8 30.9 46.3

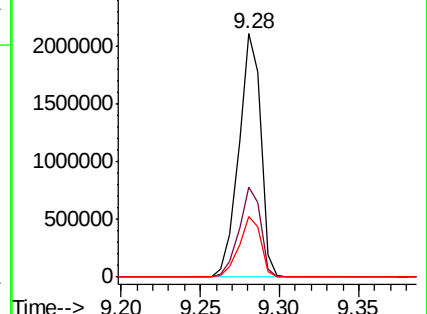
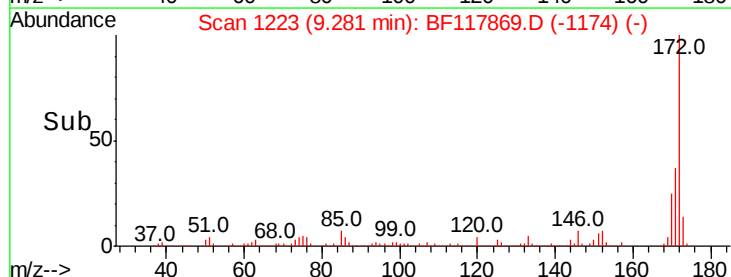
170 25.0 21.0 31.4

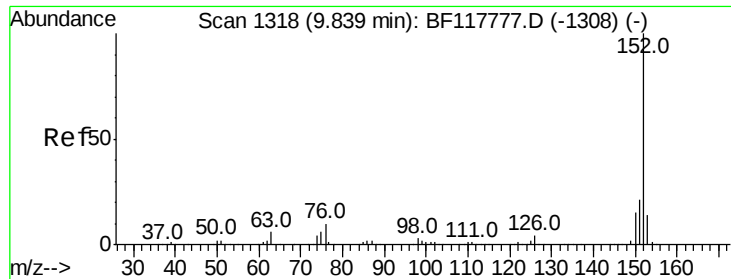


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 2.876 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

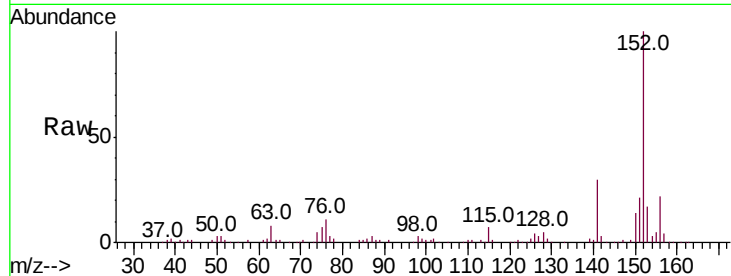
Tot Ion:152 Resp: 117190

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.6

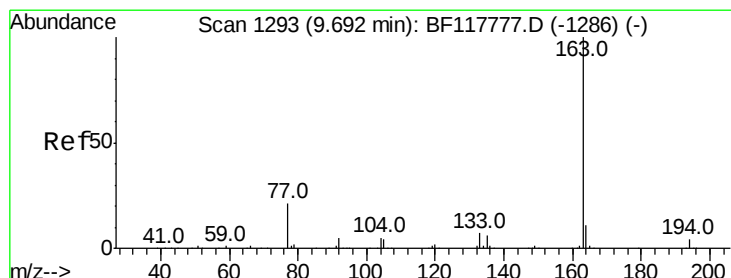
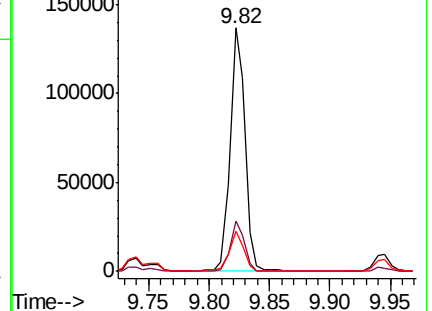
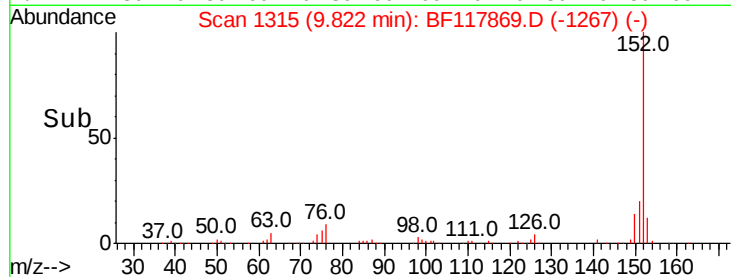
153 16.6 11.0 16.6



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: 8.067 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

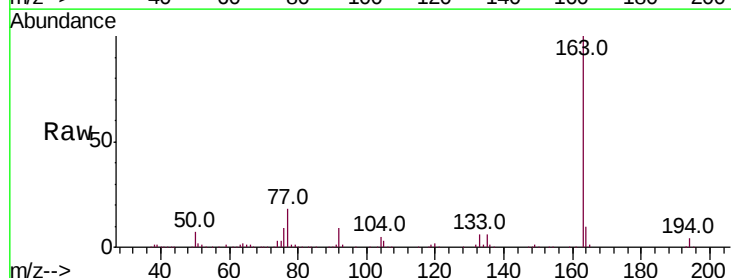
Tgt Ion:163 Resp: 259012

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

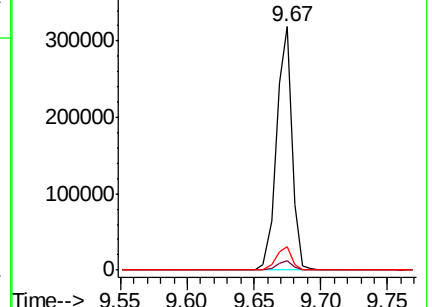
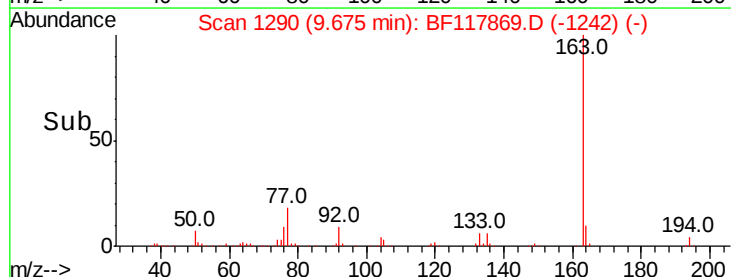
164 9.6 8.7 13.1

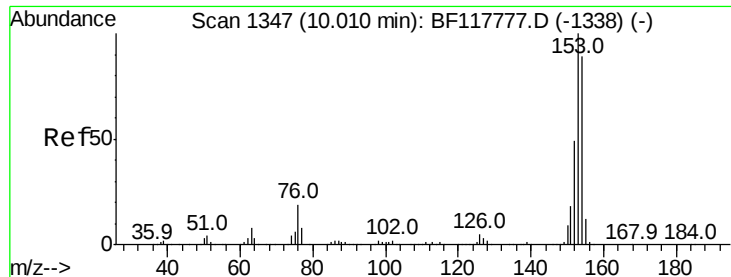


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 16.731 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

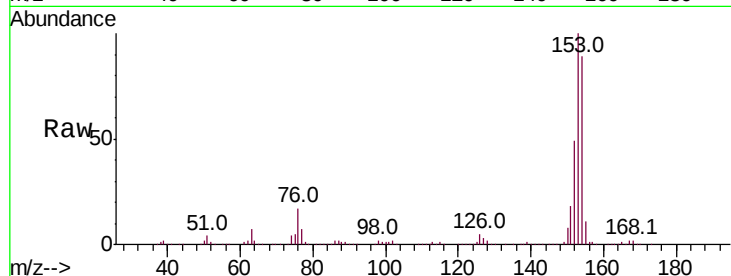
Tot Ion:154 Resp: 436685

Ion Ratio Lower Upper

154 100

153 113.0 90.1 135.1

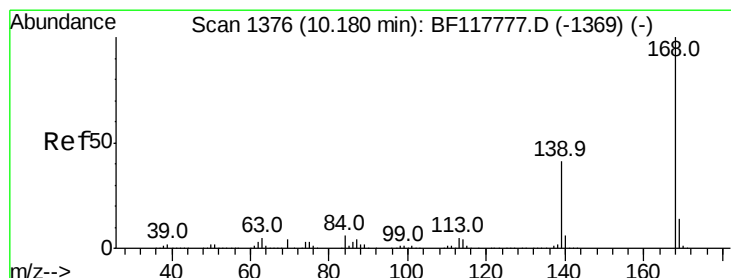
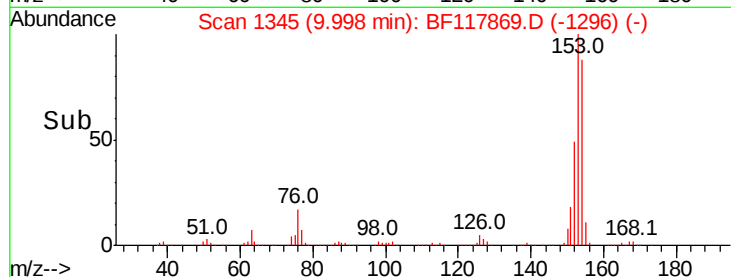
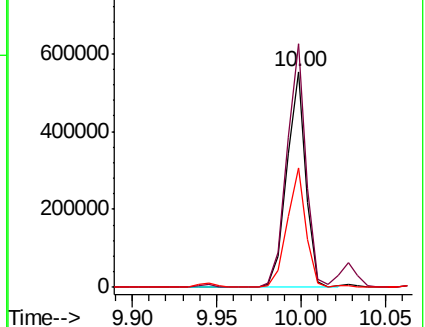
152 55.6 44.0 66.0



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: 10.678 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

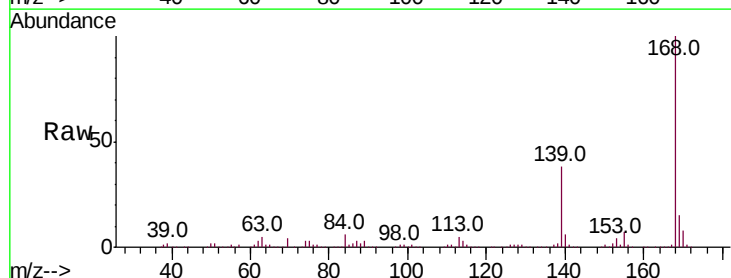
Tgt Ion:168 Resp: 385928

Ion Ratio Lower Upper

168 100

139 38.4 33.0 49.6

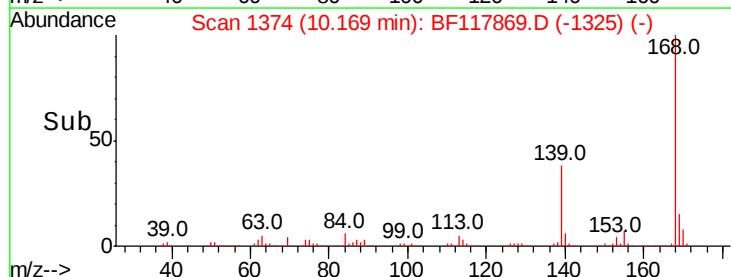
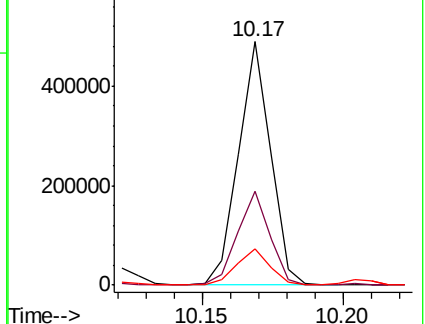
169 14.7 11.5 17.3

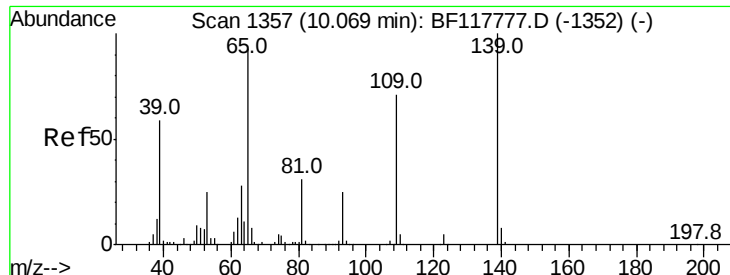


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 23.954 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.10 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampled :

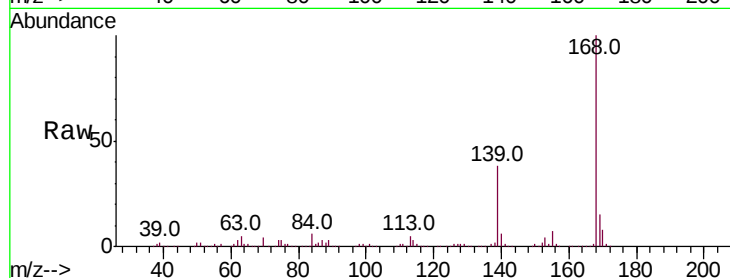
Tot Ion:139 Resp: 150136

Ion Ratio Lower Upper

139 100

109 0.8 50.8 90.8#

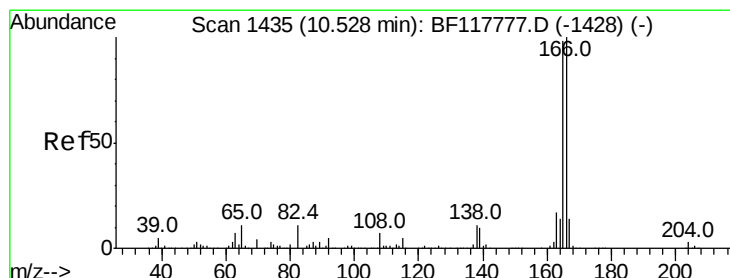
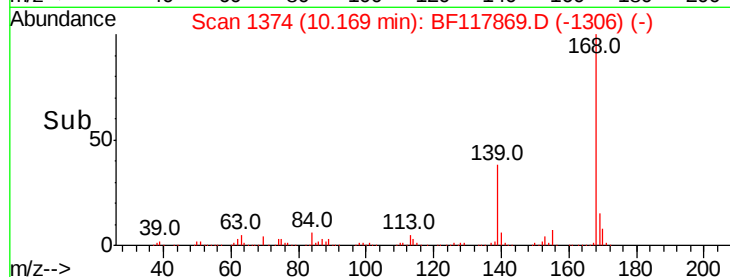
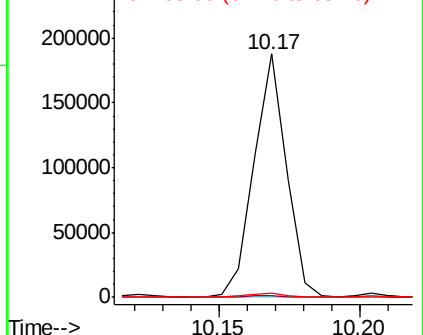
65 1.5 73.6 113.6#



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: 17.921 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

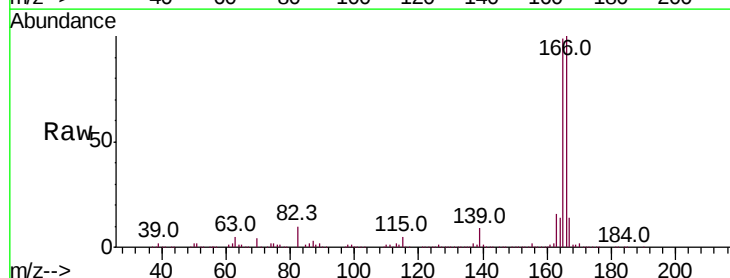
Tgt Ion:166 Resp: 501928

Ion Ratio Lower Upper

166 100

165 99.1 78.4 117.6

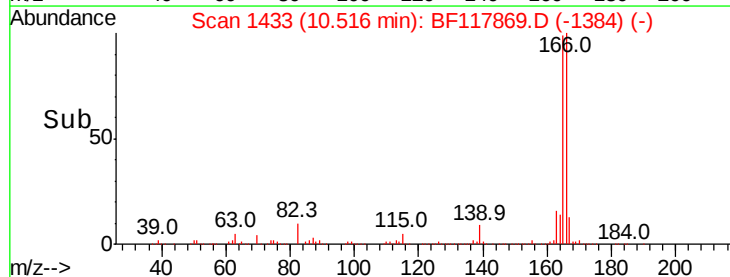
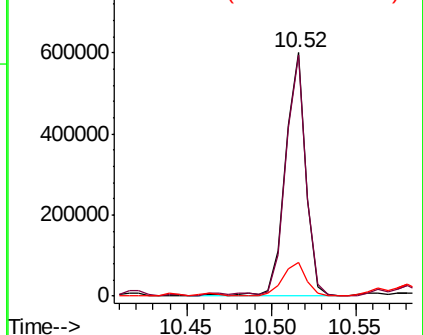
167 13.6 11.0 16.4

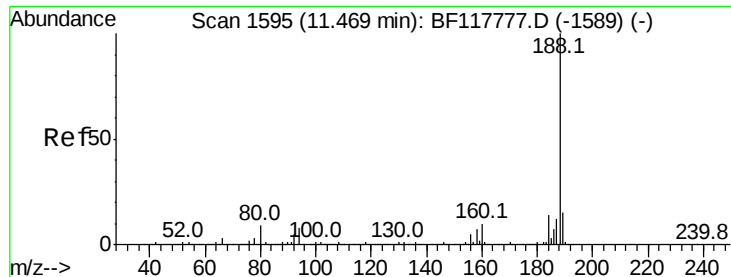


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

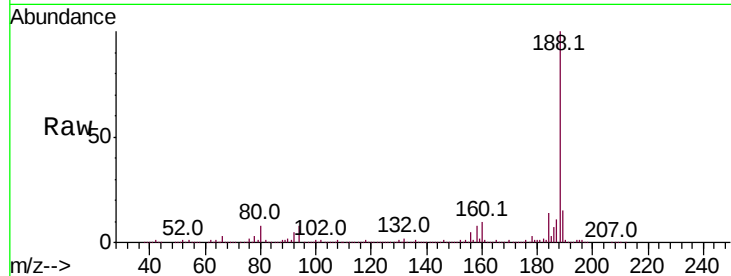




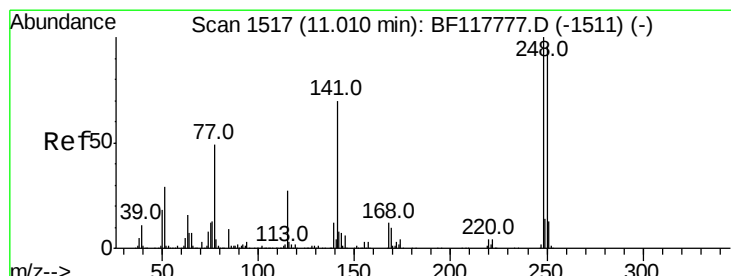
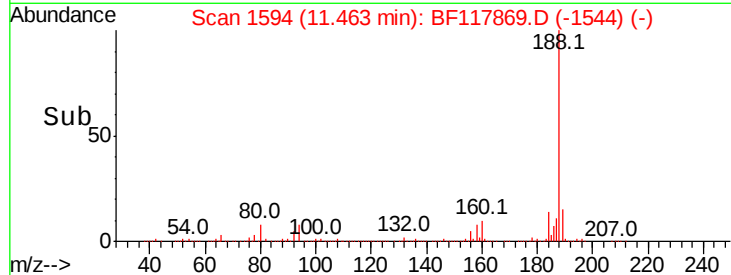
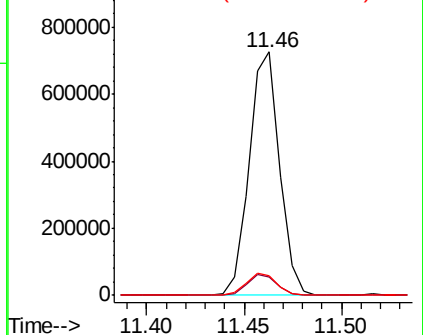
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 780178
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 8.3 7.2 10.8

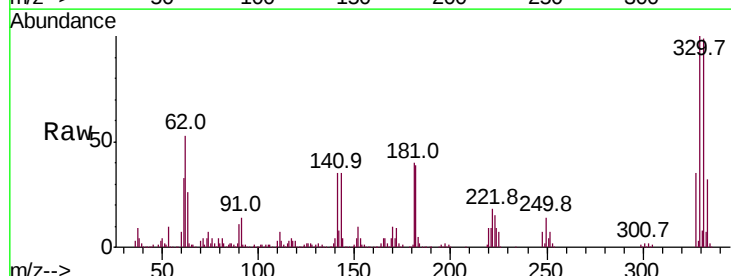


Abundance Ion 188.00 (187.70 to 188.70): E
1000000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

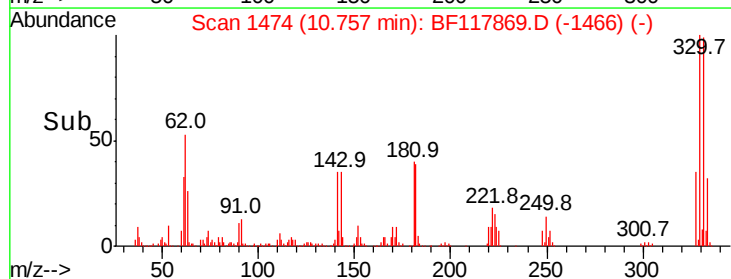
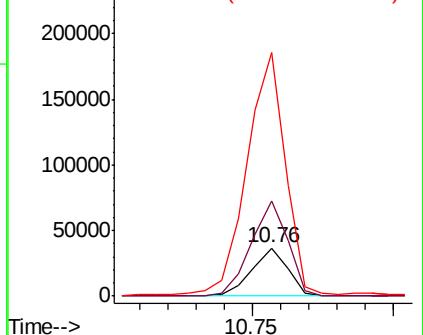


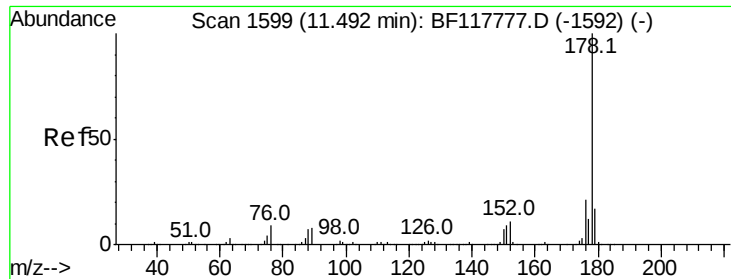
#67
4-Bromophenyl-phenylether
Concen: 3.848 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Tgt Ion:248 Resp: 32395
Ion Ratio Lower Upper
248 100
250 196.0 76.6 115.0#
141 503.9 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
250000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

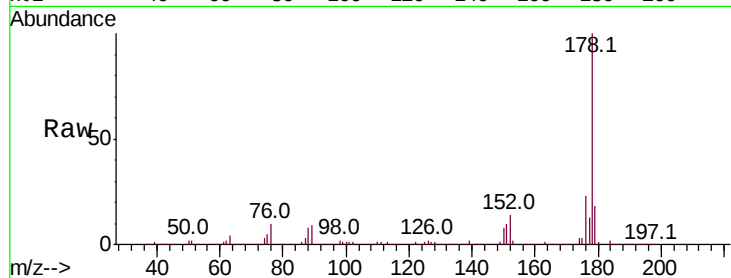




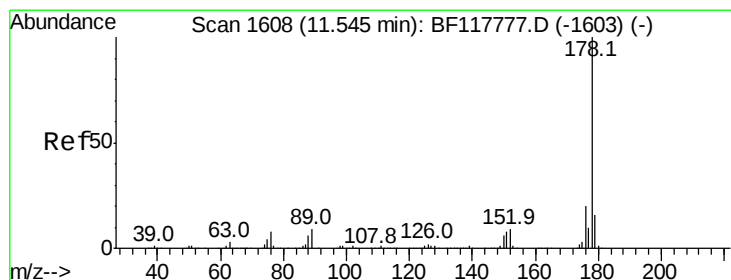
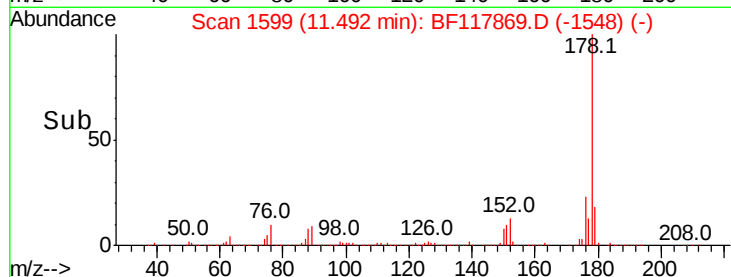
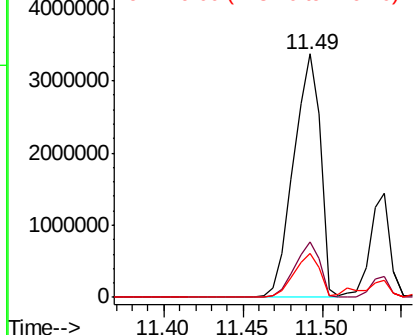
#71
Phenanthrene
Concen: 100.132 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3927651
Ion Ratio Lower Upper
178 100
176 22.7 16.6 25.0
179 17.9 13.2 19.8

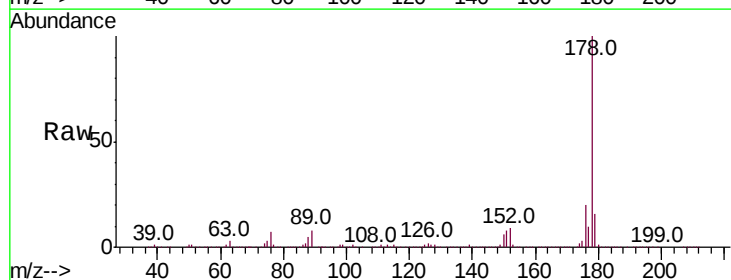


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

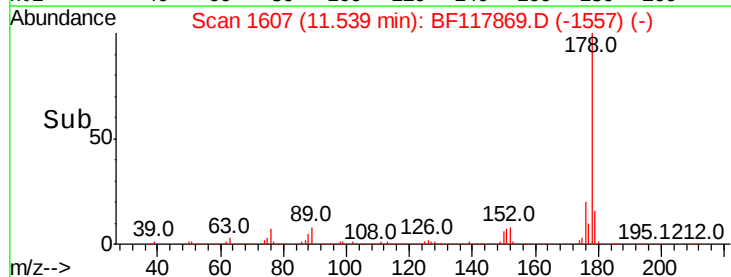
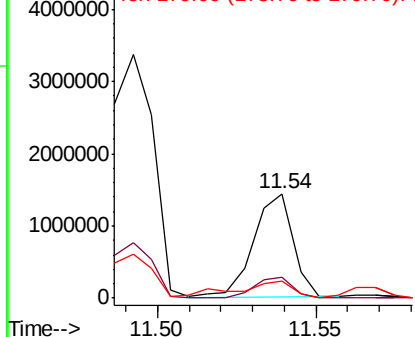


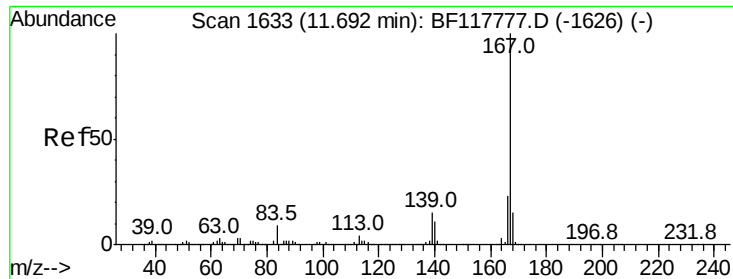
#72
Anthracene
Concen: 31.818 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Tgt Ion:178 Resp: 1237411
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

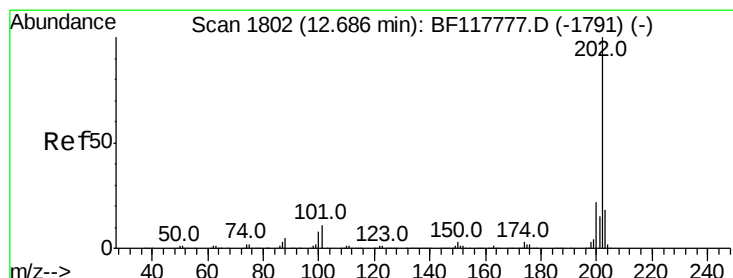
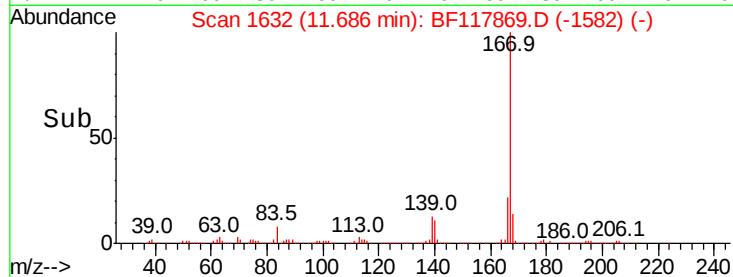
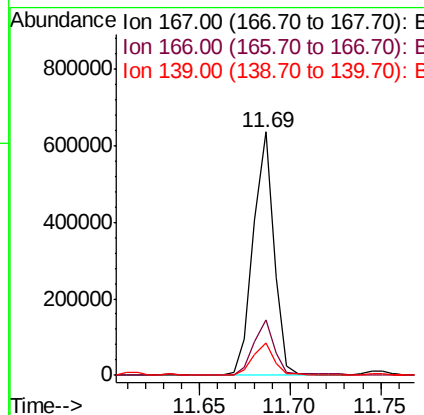
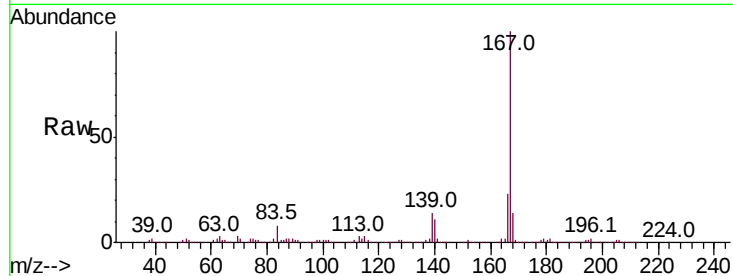




#73
 Carbazole
 Concen: 14.893 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF117869.D
 Acq: 19 Nov 2019 19:41

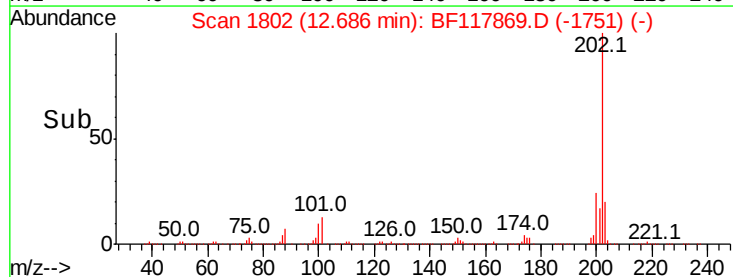
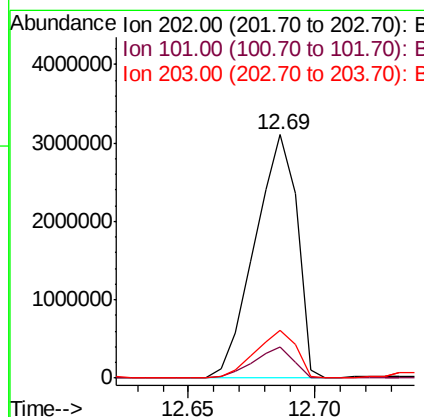
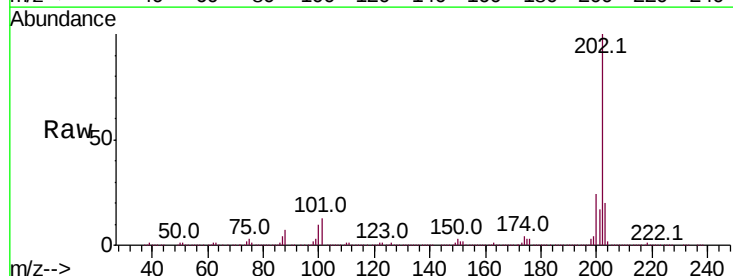
Instrument :
 BNA_F
 ClientSampleId :

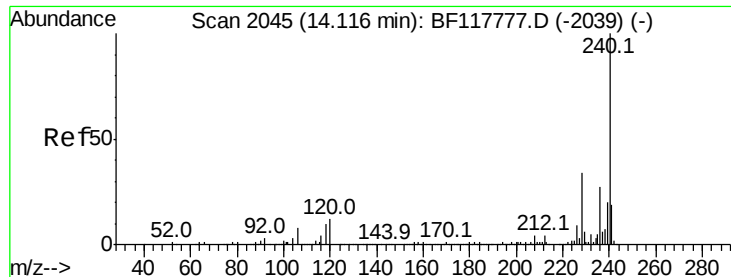
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	13.6	11.7	17.5



#75
 Fluoranthene
 Concen: 111.341 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF117869.D
 Acq: 19 Nov 2019 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.1
203	19.8	0.0	38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 445704

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

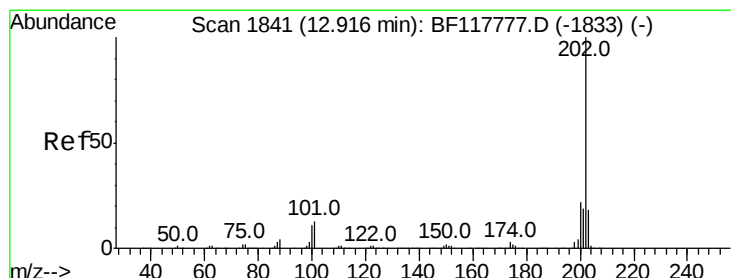
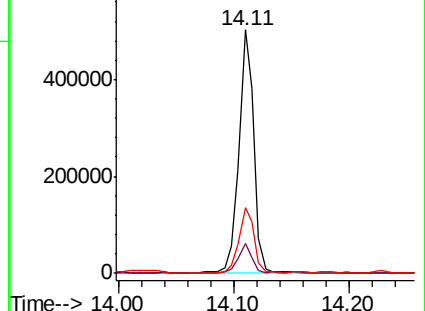
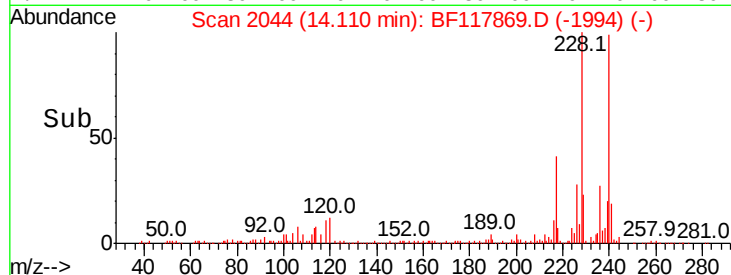
236 27.0 21.3 31.9



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: 84.578 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

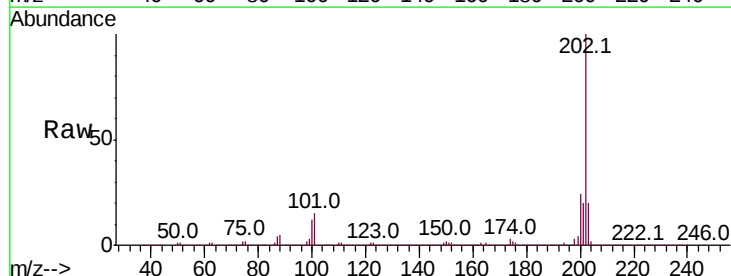
Tgt Ion:202 Resp: 3046475

Ion Ratio Lower Upper

202 100

200 23.6 17.8 26.8

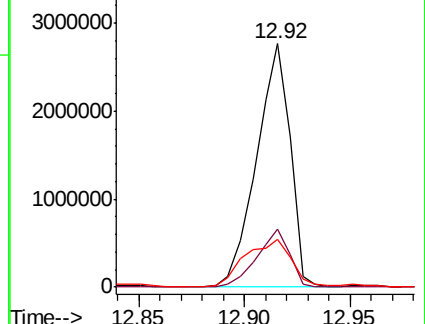
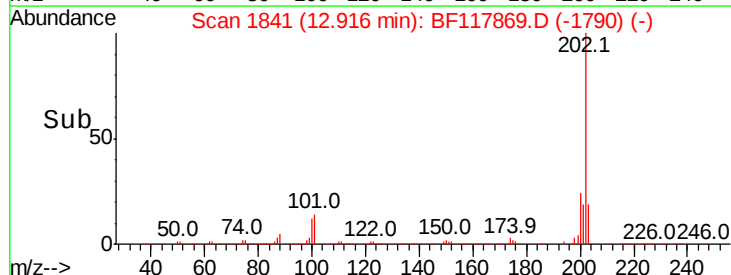
203 19.6 14.6 22.0

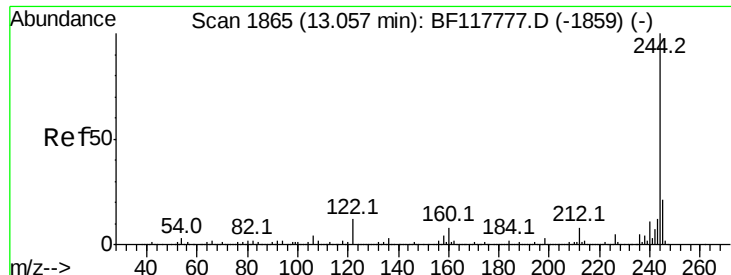


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.881 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampled :

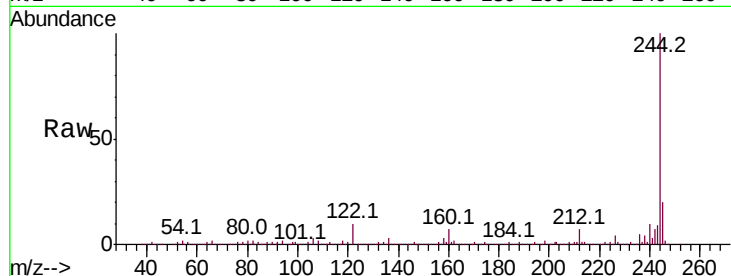
Tot Ion:244 Resp: 1704206

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

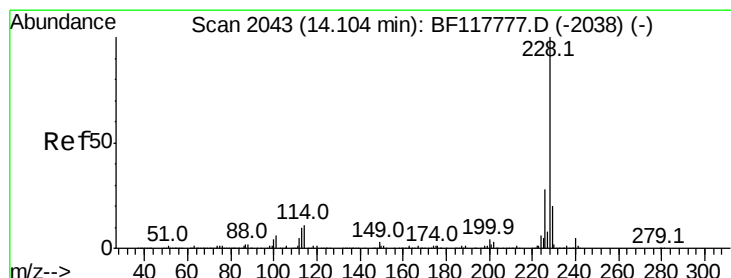
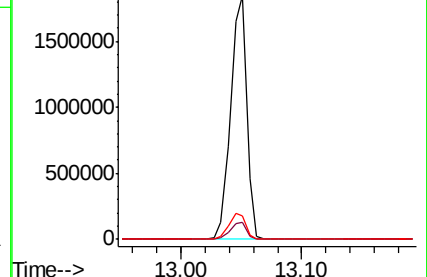
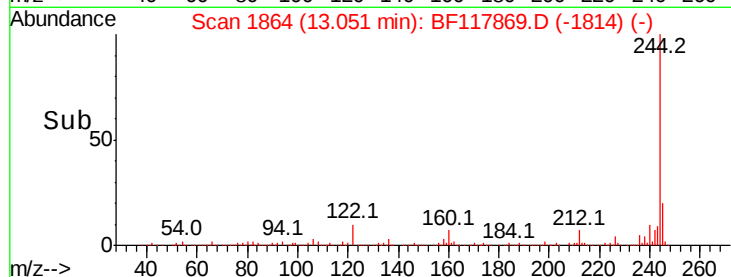
122 9.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 53.455 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

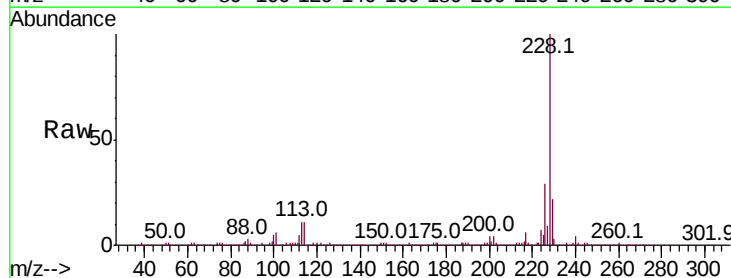
Tgt Ion:228 Resp: 1574391

Ion Ratio Lower Upper

228 100

226 29.2 22.2 33.2

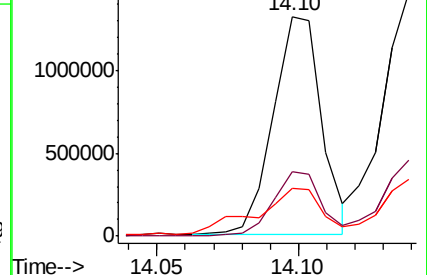
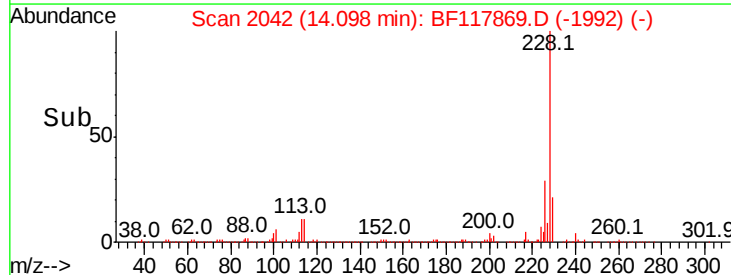
229 21.8 15.9 23.9

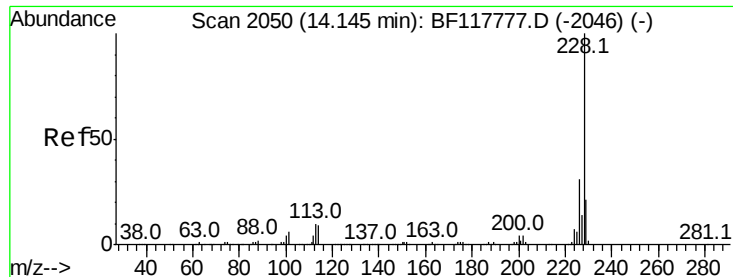


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

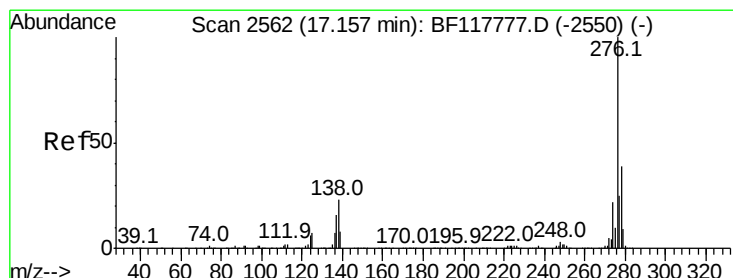
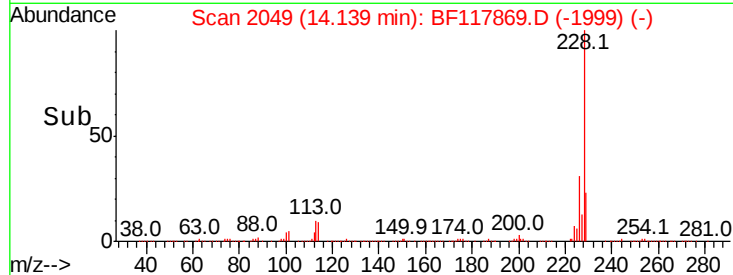
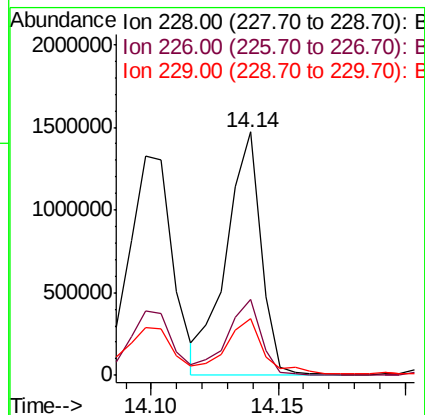
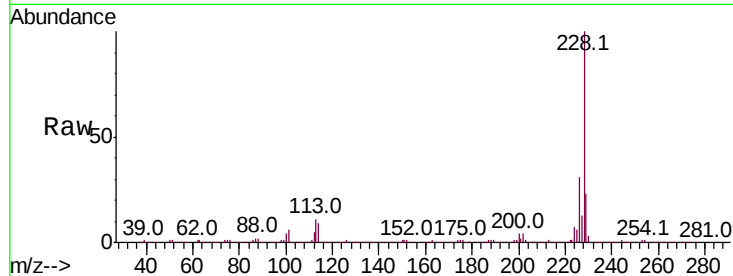




#83
 Chrysene
 Concen: 48.488 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF117869.D
 Acq: 19 Nov 2019 19:41

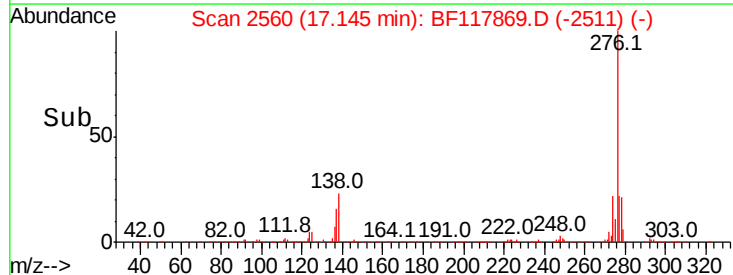
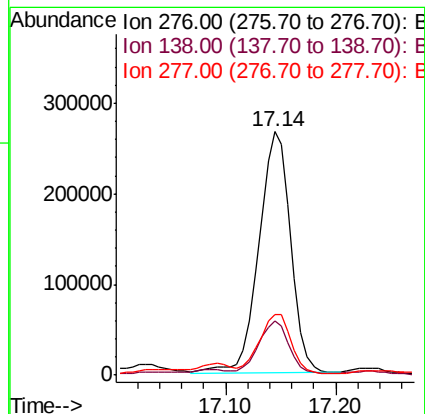
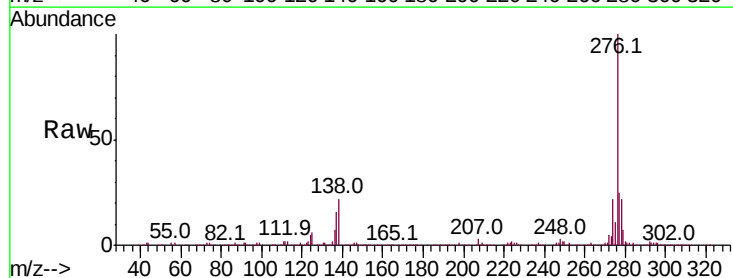
Instrument :
 BNA_F
 ClientSampleId :

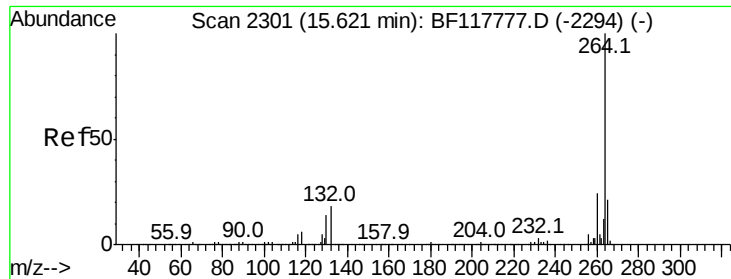
Tot	Ion:228	Resp:	1383837
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	23.3	16.6	25.0



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 22.100 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. -0.01 min
 Lab File: BF117869.D
 Acq: 19 Nov 2019 19:41

Tgt	Ion:276	Resp:	536812
Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.9	31.3
277	24.6	20.3	30.5

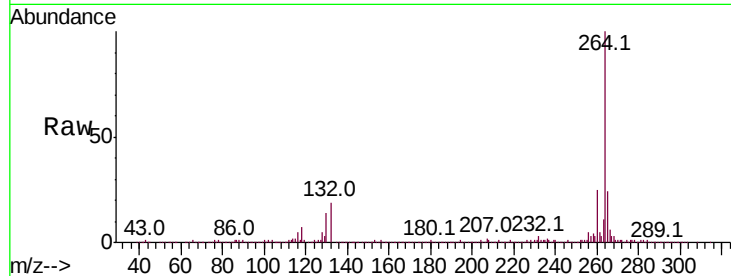




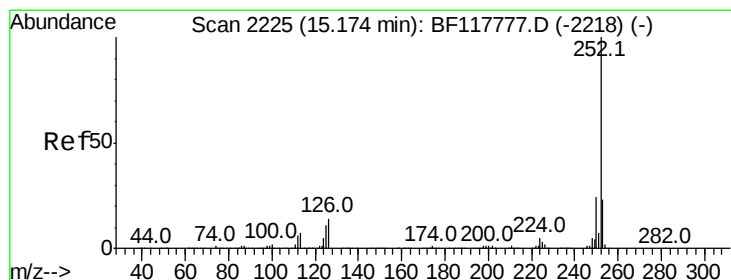
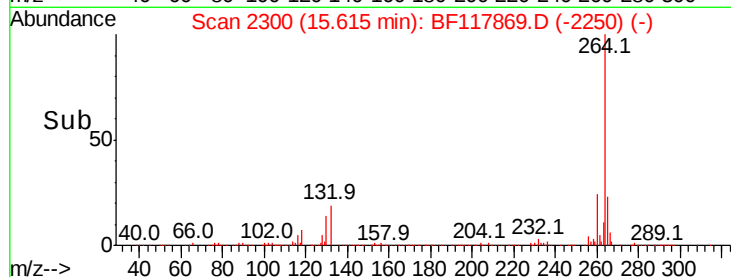
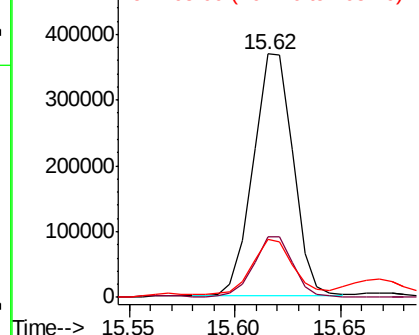
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117869.D
 Acq: 19 Nov 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	23.6	17.1	25.7

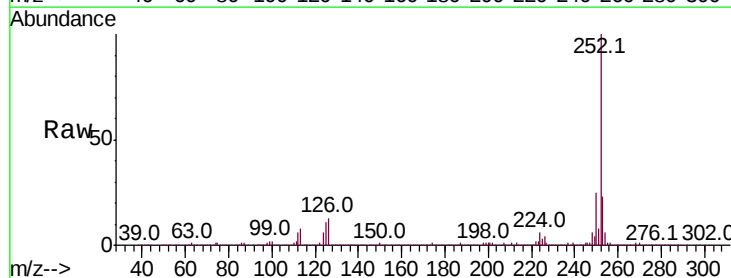


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

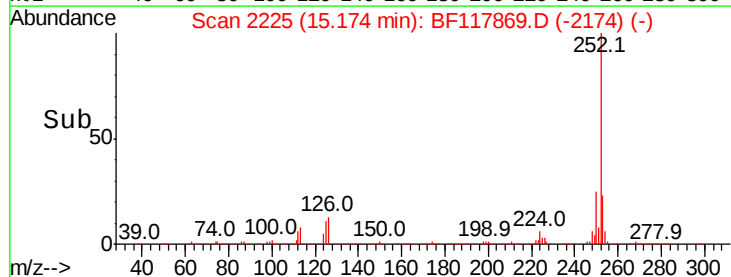
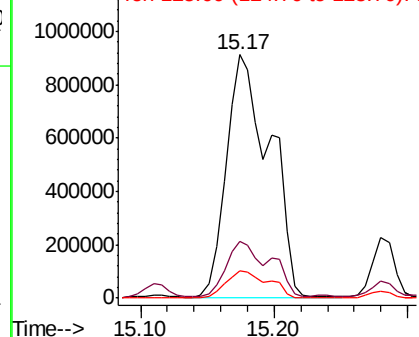


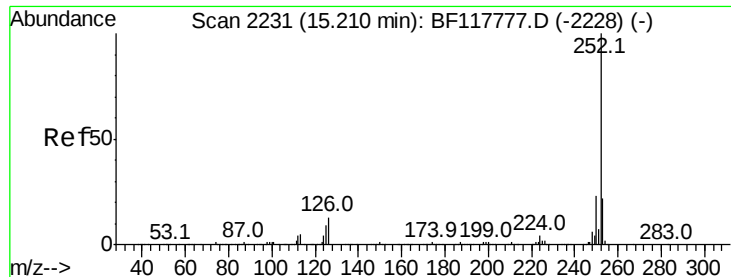
#88
 Benzo(b)fluoranthene
 Concen: 65.496 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF117869.D
 Acq: 19 Nov 2019 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.2	8.6	13.0



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

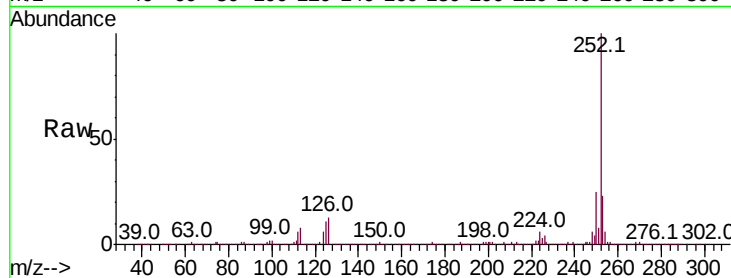




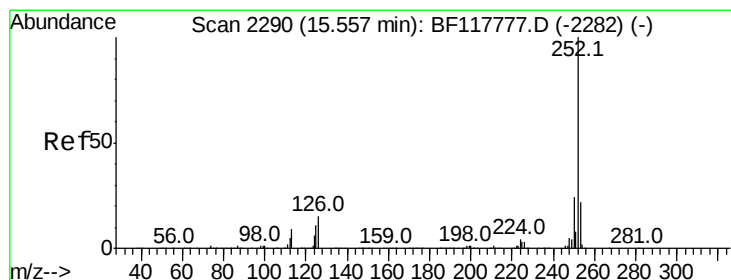
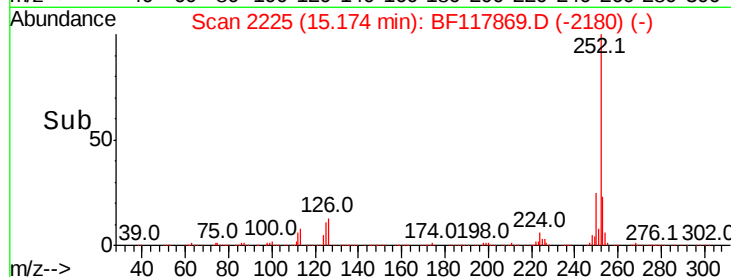
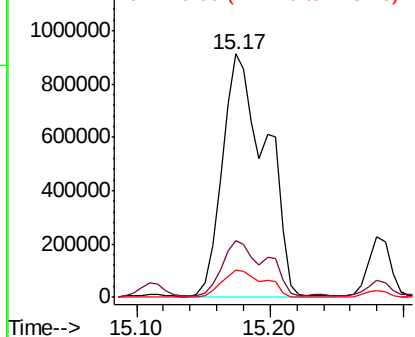
#89
Benzo(k)fluoranthene
Concen: 69.512 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2066859
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.2 7.9 11.9

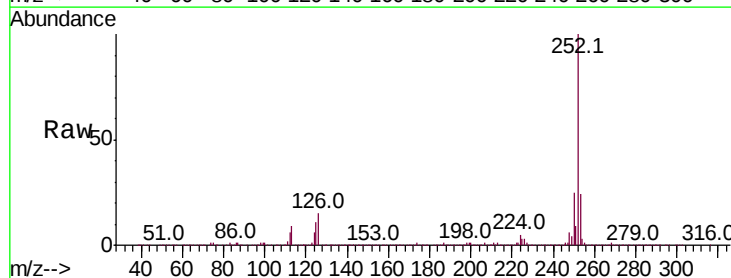


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

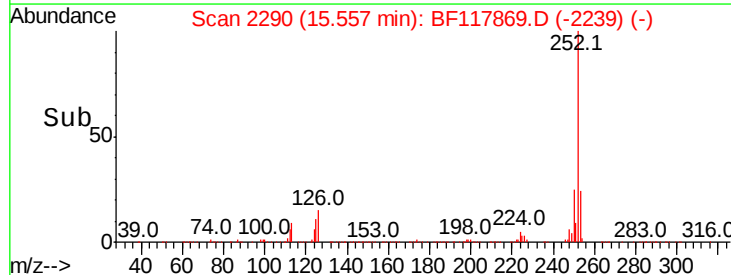
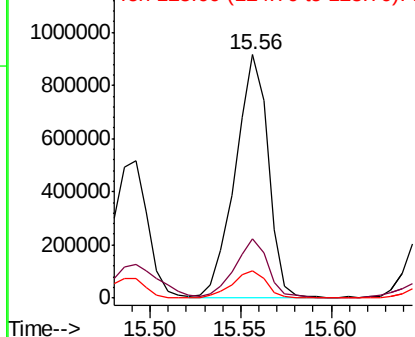


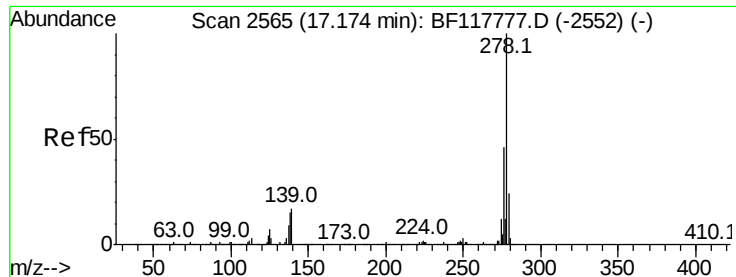
#90
Benzo(a)pyrene
Concen: 41.476 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF117869.D
Acq: 19 Nov 2019 19:41

Tgt Ion:252 Resp: 1150926
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 11.5 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 6.131 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.02 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

Instrument :

BNA_F

ClientSampleId :

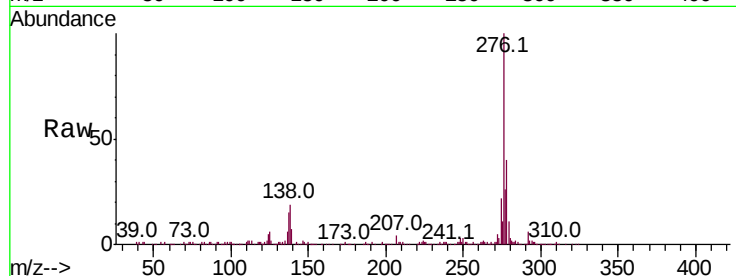
Tot Ion:278 Resp: 146425

Ion Ratio Lower Upper

278 100

139 17.8 13.8 20.8

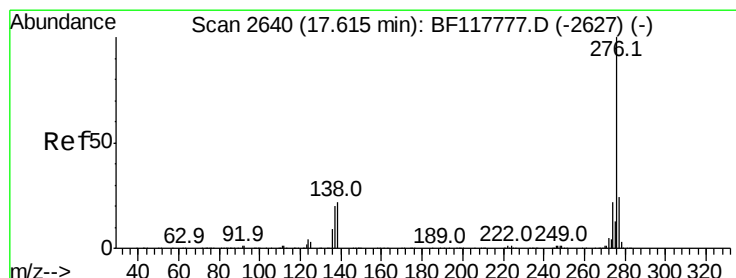
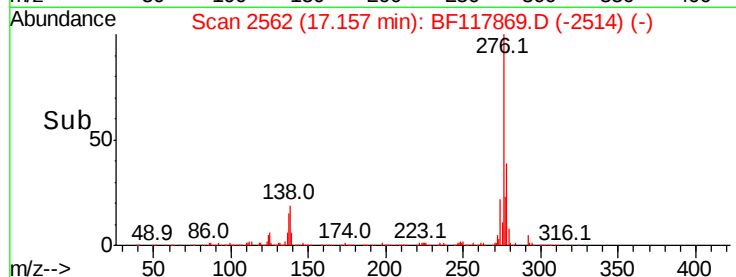
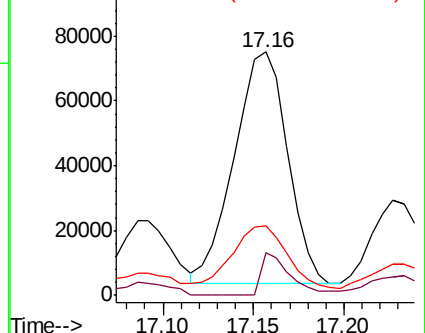
279 28.5 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 18.382 ng

RT: 17.61 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF117869.D

Acq: 19 Nov 2019 19:41

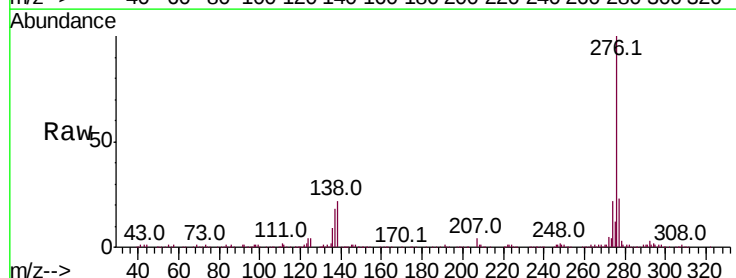
Tgt Ion:276 Resp: 437294

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 21.6 17.4 26.2



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

