

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110937.D
 Acq On : 21 Nov 2018 19:20
 Operator : JU/SJ
 Sample : J5981-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)

Quant Time: Nov 21 22:08:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53746	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	205019	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	79709	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	139183	20.00	ng	0.00
76) Chrysene-d12	14.14	240	108052	20.00	ng	0.00
87) Perylene-d12	15.67	264	79290	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	69959	21.14	ng	0.00
7) Phenol-d6	6.57	99	89011	21.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	52184	14.66	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	14778	18.40	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	81541	14.61	ng	0.00
79) Terphenyl-d14	13.06	244	77110	13.36	ng	0.00

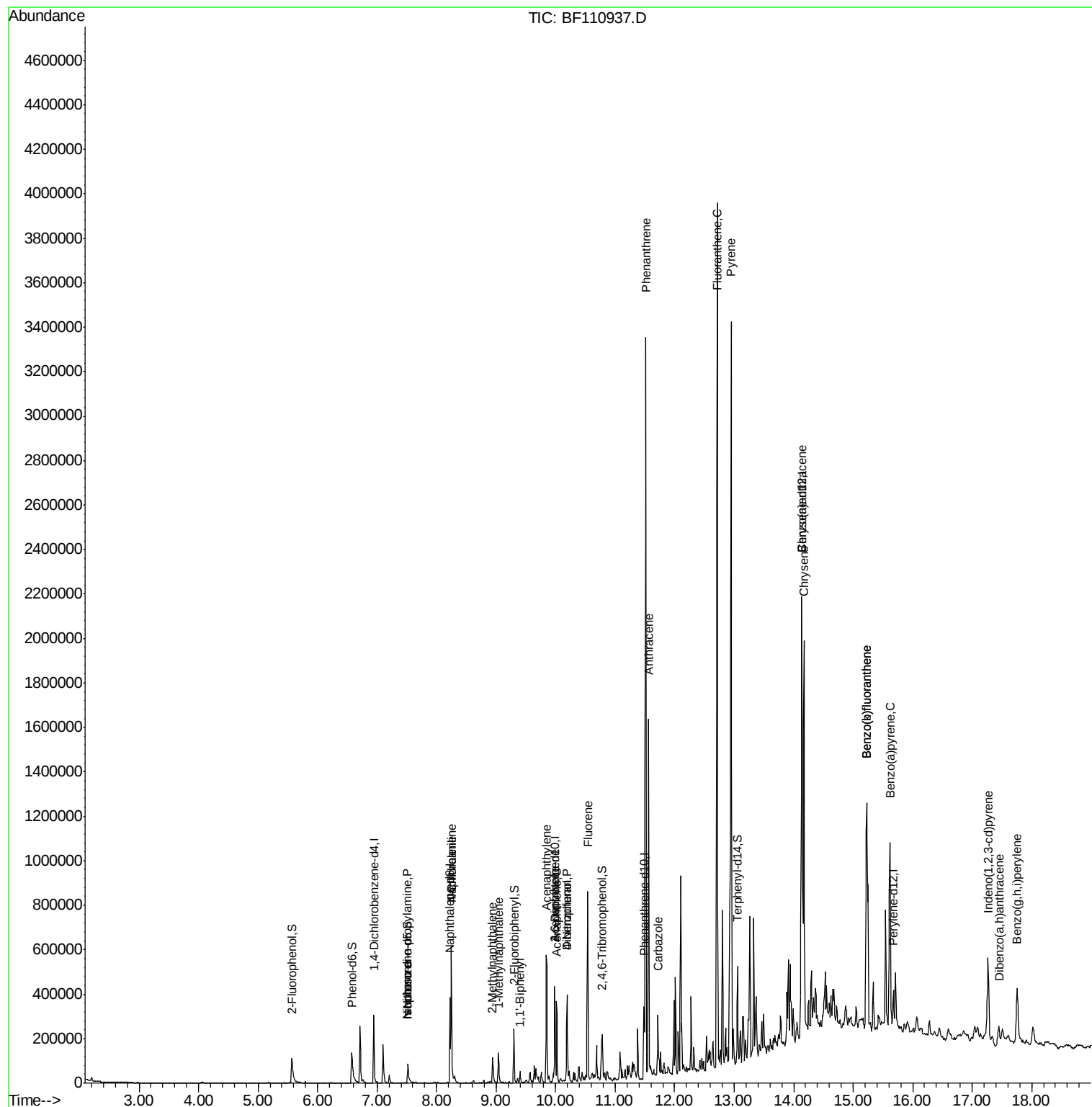
Target Compounds				Qvalue		
9) Benzaldehyde	6.72	77	1506	Below Cal		88
19) n-Nitroso-di-n-propylamine	7.52	70	6261	2.318 ng	#	87
25) Isophorone	7.52	82	52184	8.943 ng	#	67
31) Naphthalene	8.25	128	299194	31.087 ng		99
33) 4-Chloroaniline	8.25	127	38753	8.889 ng	#	33
37) 2-Methylnaphthalene	8.94	142	43004	6.816 ng		97
38) 1-Methylnaphthalene	9.04	142	40654	6.700 ng		97
46) 1,1'-Biphenyl	9.40	154	18667	2.510 ng		96
49) Acenaphthylene	9.85	152	256924	33.303 ng		99
51) 2,6-Dinitrotoluene	9.99	165	12380	9.462 ng	#	24
52) Acenaphthene	10.02	154	79602	16.327 ng		98
55) Dibenzofuran	10.19	168	149357	20.939 ng		98
56) 4-Nitrophenol	10.19	139	60568	60.229 ng	#	7
58) Fluorene	10.54	166	248273	45.314 ng		98
71) Phenanthrene	11.52	178	1446922	194.043 ng		100
72) Anthracene	11.56	178	641658	85.304 ng		99
73) Carbazole	11.72	167	101716	14.080 ng		100
75) Fluoranthene	12.72	202	1966929	263.104 ng		98
78) Pyrene	12.95	202	1596072	191.841 ng		100
81) Benzo(a)anthracene	14.13	228	768209	118.948 ng		93
83) Chrysene	14.17	228	602527	97.925 ng		97
86) Indeno(1,2,3-cd)pyrene	17.27	276	238766	54.077 ng		96
88) Benzo(b)fluoranthene	15.23	252	808959	170.544 ng		97
89) Benzo(k)fluoranthene	15.23	252	808959	172.595 ng	#	96
90) Benzo(a)pyrene	15.62	252	422753	98.093 ng		99
91) Dibenzo(a,h)anthracene	17.44	278	52043	14.270 ng		95
92) Benzo(g,h,i)perylene	17.76	276	203573	56.258 ng		98

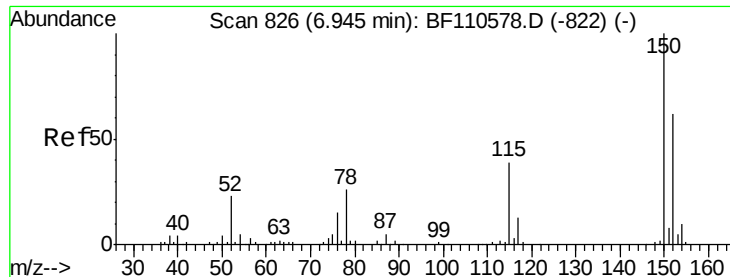
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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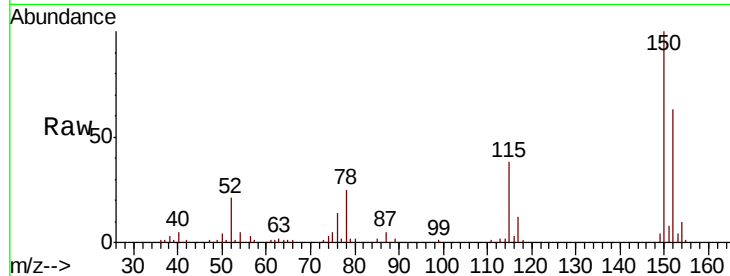




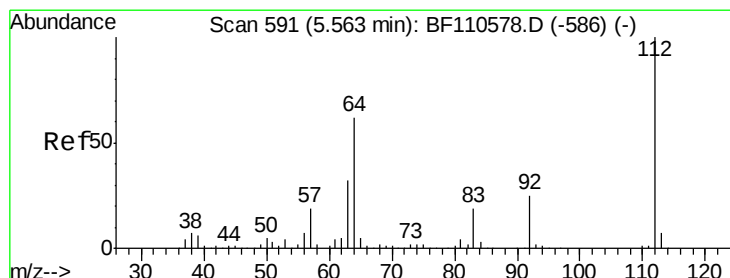
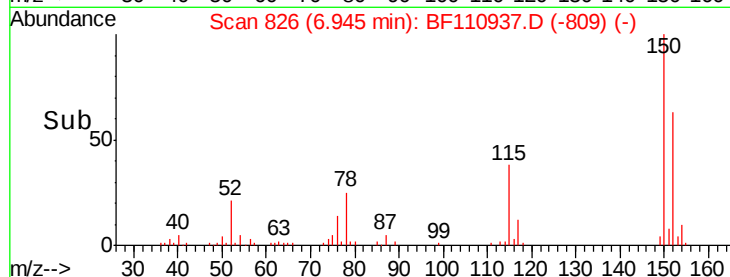
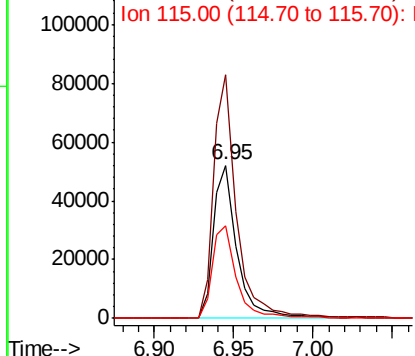
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF110937.D
 Acq: 21 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)

Tgt Ion:152 Resp: 53746
 Ion Ratio Lower Upper
 152 100
 150 158.9 122.7 184.1
 115 60.7 49.1 73.7

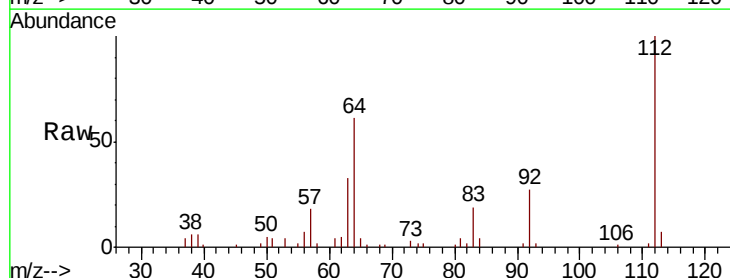


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

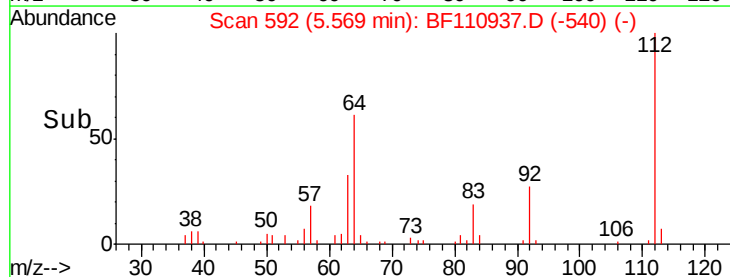
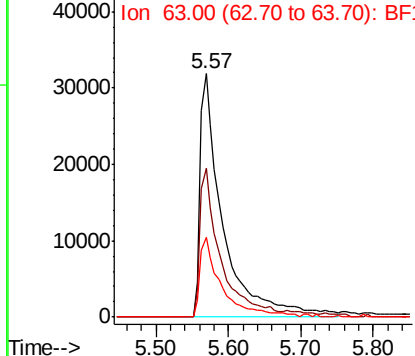


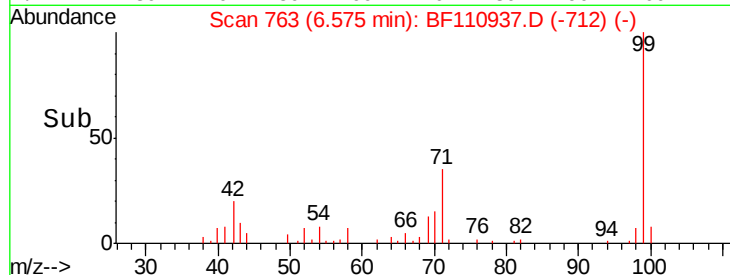
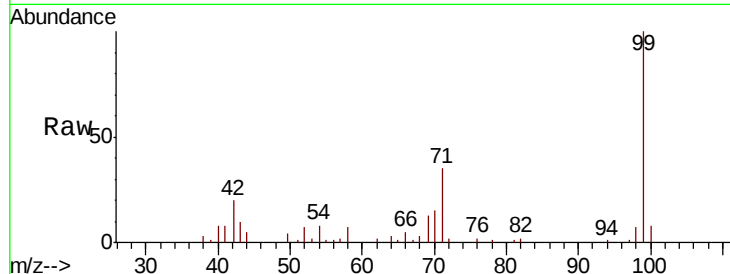
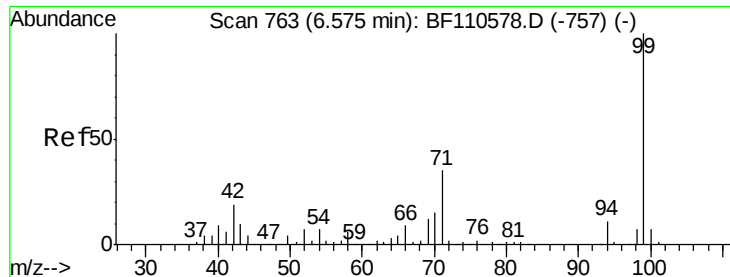
#5
 2-Fluorophenol
 Concen: 21.143 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110937.D
 Acq: 21 Nov 2018 19:20

Tgt Ion:112 Resp: 69959
 Ion Ratio Lower Upper
 112 100
 64 61.0 44.1 66.1
 63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

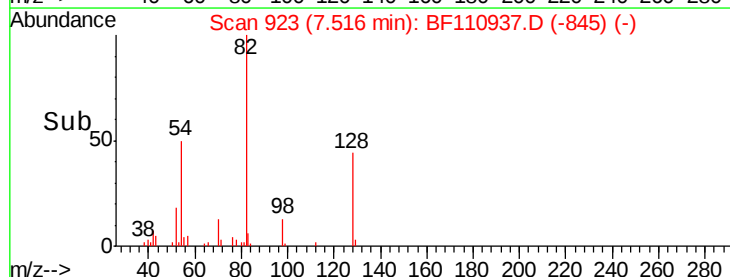
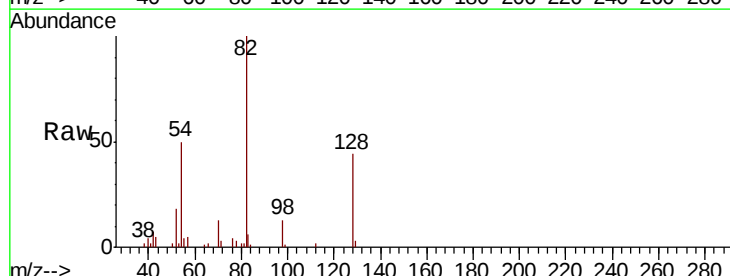
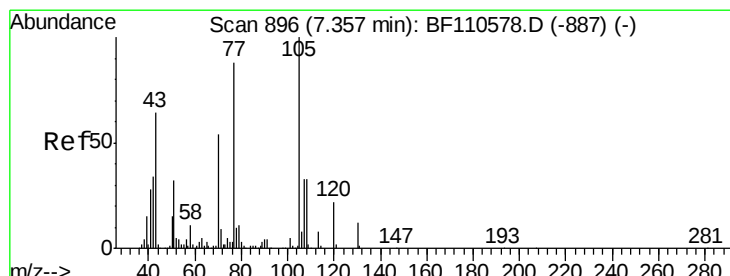
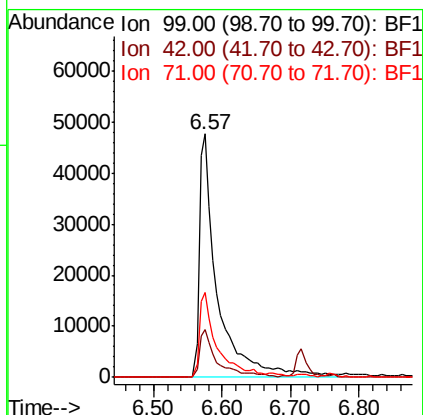




#7
Phenol-d6
Concen: 21.037 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

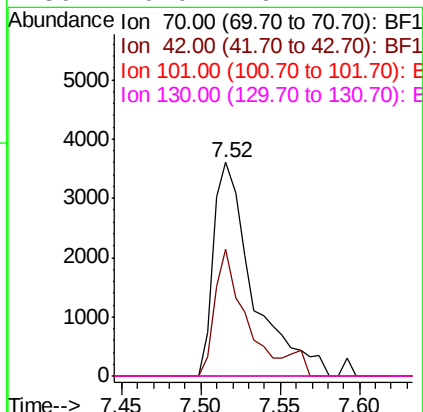
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

Tgt Ion: 99 Resp: 89011
Ion Ratio Lower Upper
99 100
42 19.7 15.8 23.6
71 34.9 28.0 42.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.318 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion: 70 Resp: 6261
Ion Ratio Lower Upper
70 100
42 59.2 47.4 71.2
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#

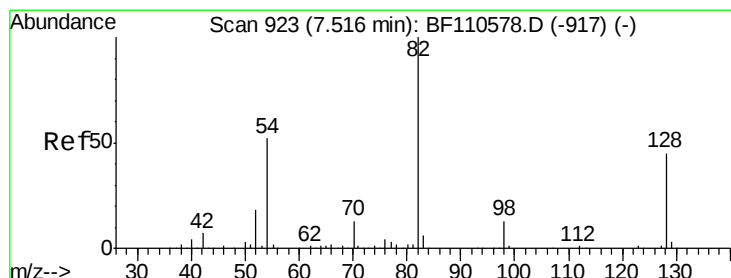
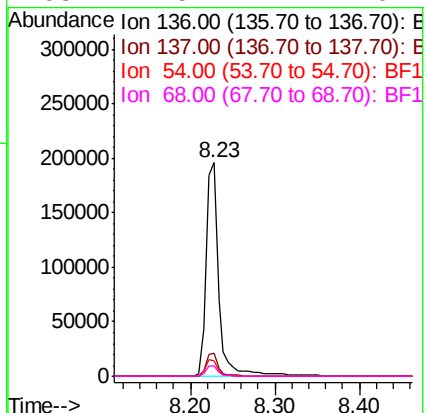
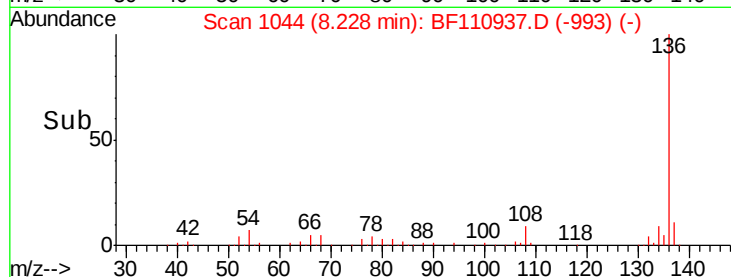
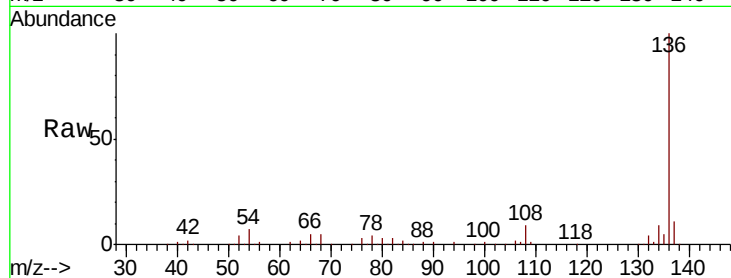




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

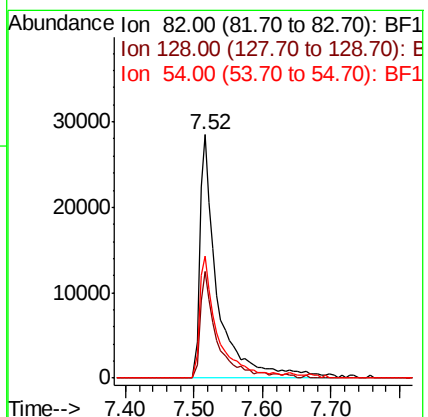
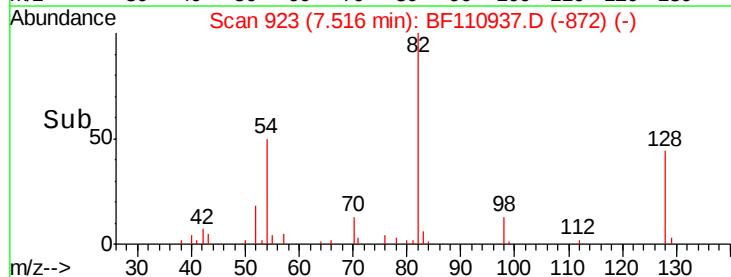
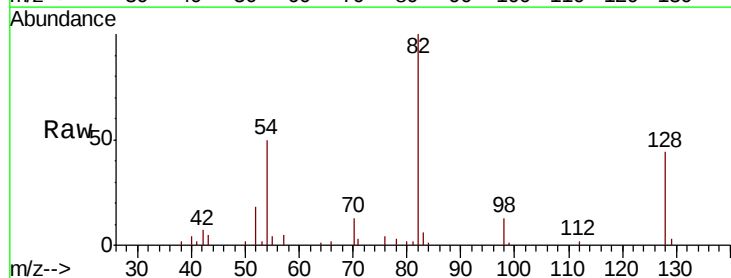
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

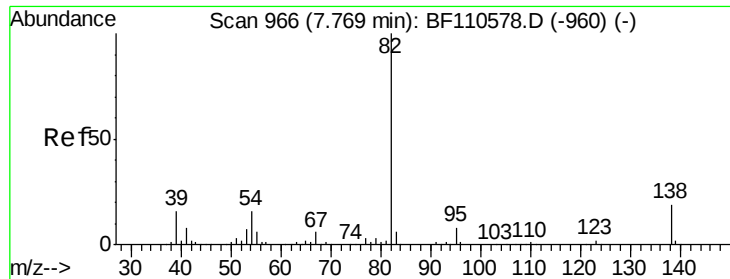
Tgt Ion:	136	Resp:	205019
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.3	5.4	8.2
68	4.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 14.658 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:	82	Resp:	52184
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.2
54	50.3	38.6	58.0





#25

Isophorone

Concen: 8.943 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.25 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)

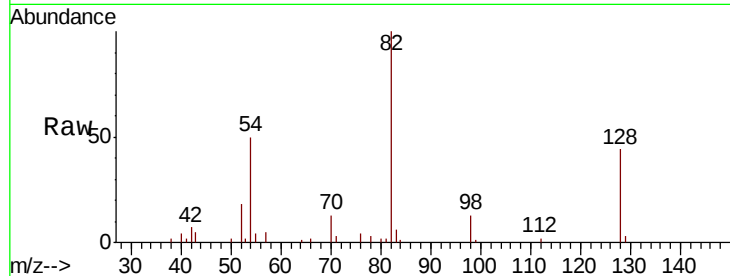
Tgt Ion: 82 Resp: 52184

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

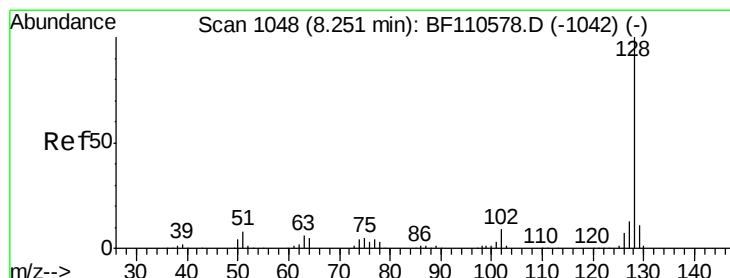
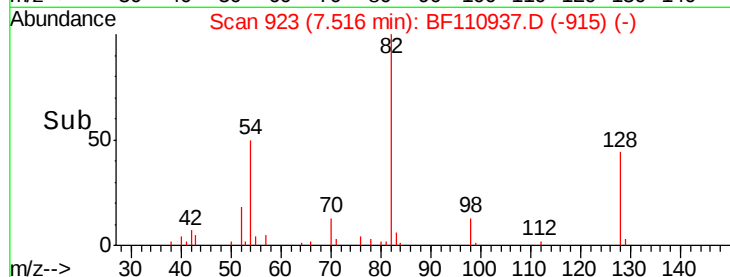
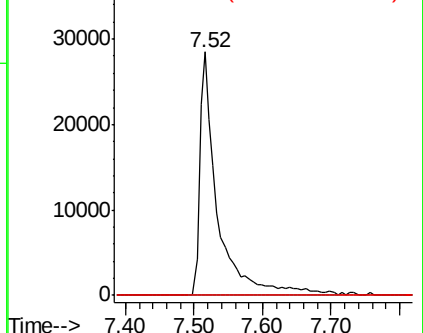
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 31.087 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

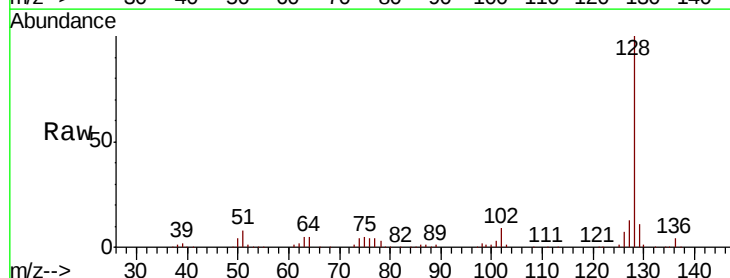
Tgt Ion: 128 Resp: 299194

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

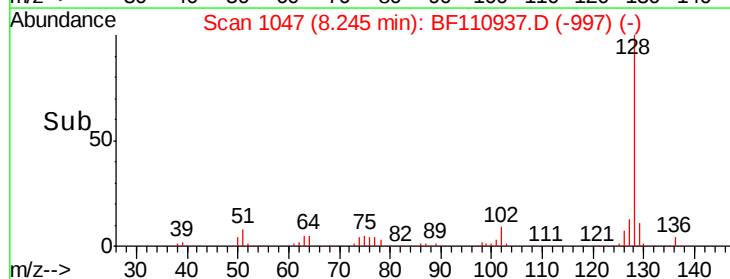
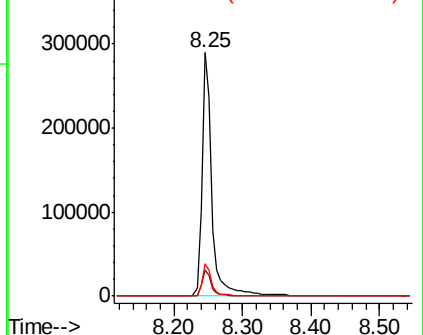
127 13.1 10.8 16.2

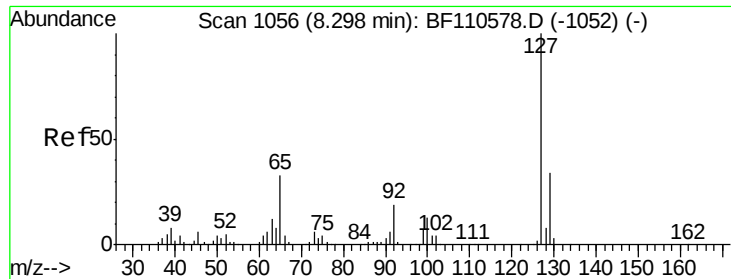


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

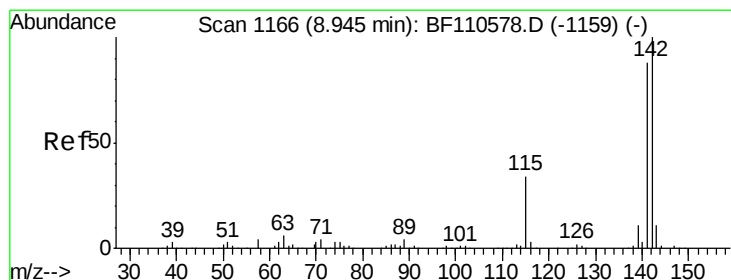
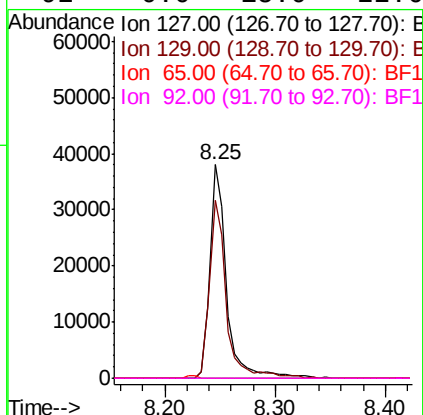
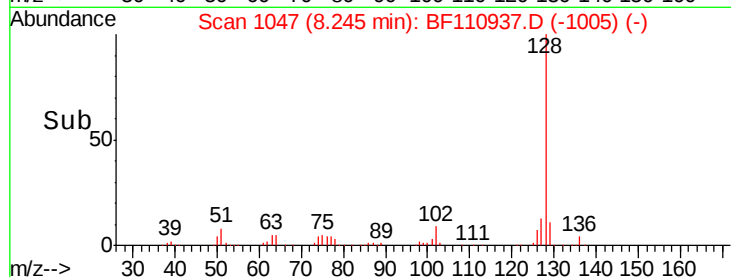
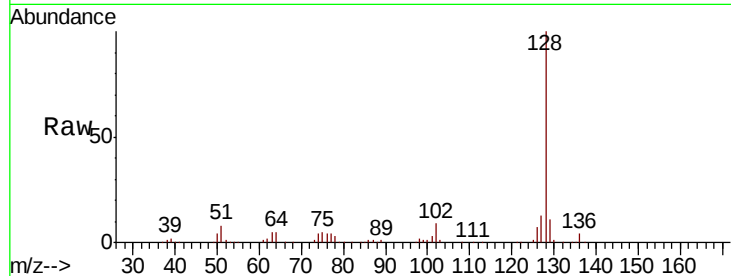




#33
 4-Chloroaniline
 Concen: 8.889 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF110937.D
 Acq: 21 Nov 2018 19:20

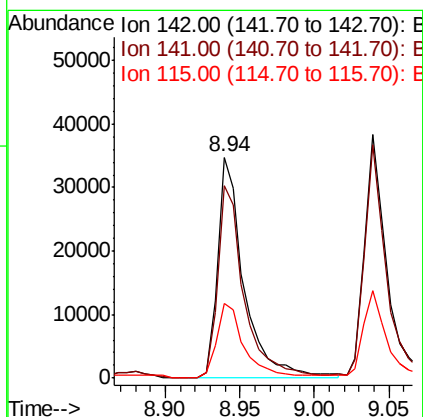
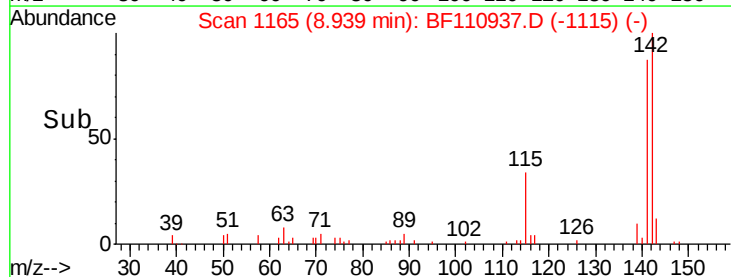
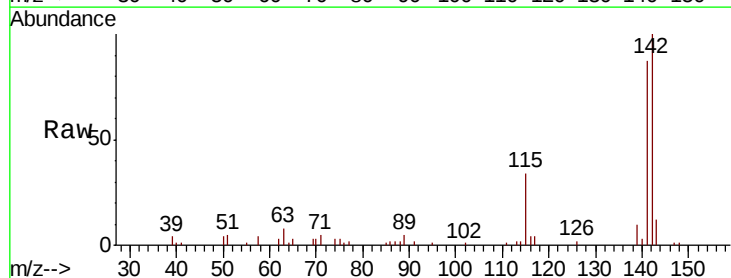
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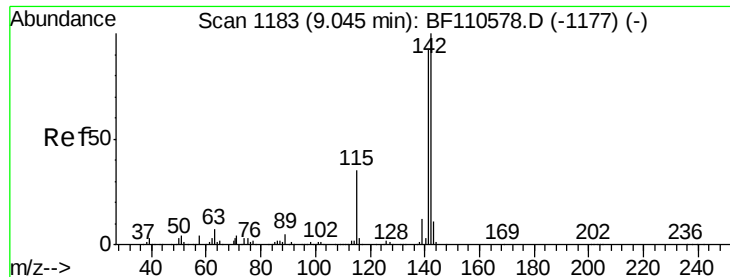
Tgt Ion:	127	Resp:	38753
Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.0	39.0#
65	0.0	25.1	37.7#
92	0.0	15.0	22.6#



#37
 2-Methylnaphthalene
 Concen: 6.816 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF110937.D
 Acq: 21 Nov 2018 19:20

Tgt Ion:	142	Resp:	43004
Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.4	107.2
115	34.1	28.7	43.1

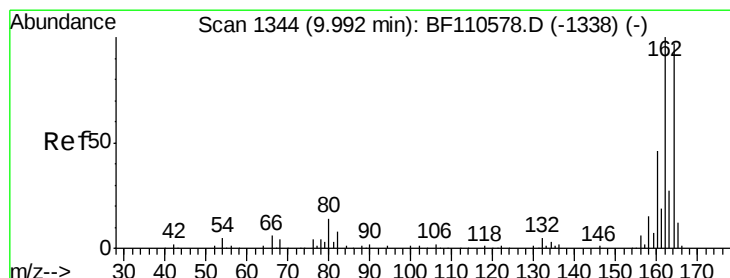
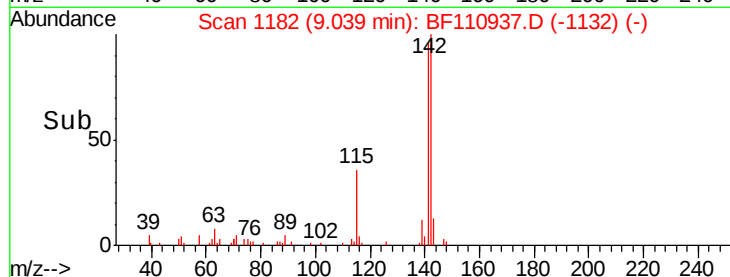
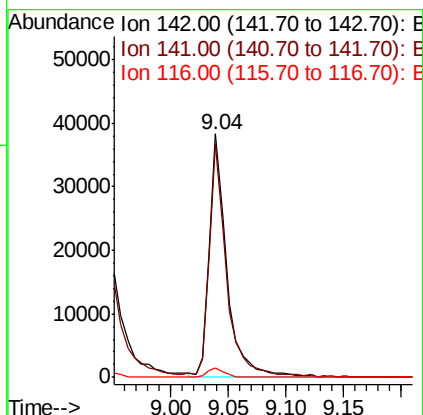
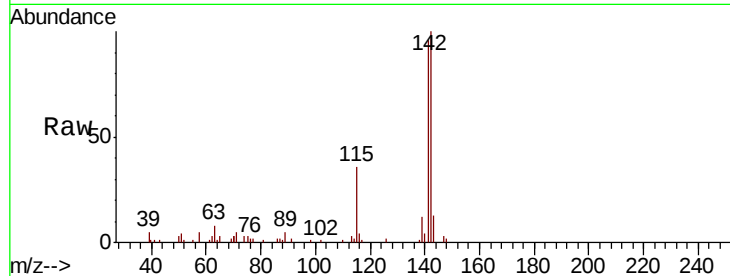




#38
1-Methylnaphthalene
Concen: 6.700 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

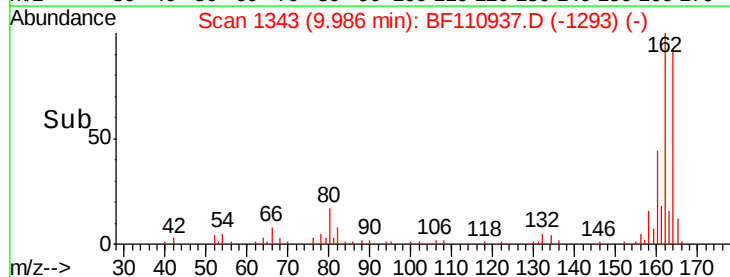
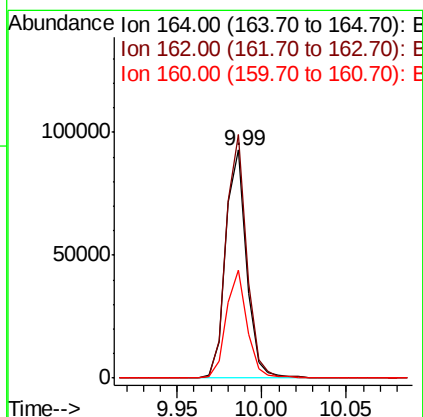
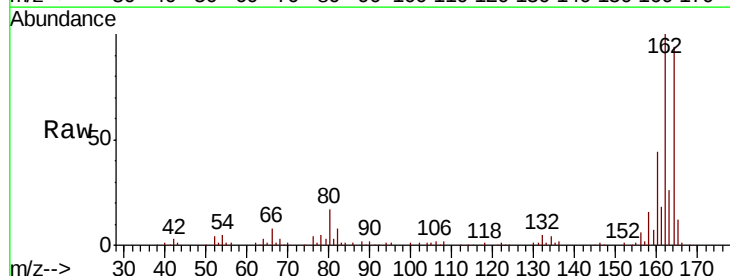
Instrument :
BNA_F
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DTW-02(11-13)

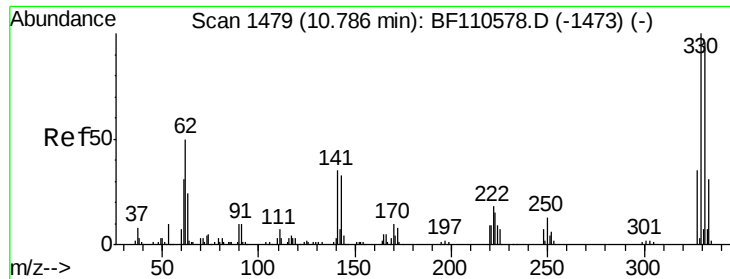
Tgt Ion:142 Resp: 40654
Ion Ratio Lower Upper
142 100
141 96.0 74.2 111.4
116 3.8 2.6 4.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:164 Resp: 79709
Ion Ratio Lower Upper
164 100
162 106.9 83.0 124.6
160 47.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 18.400 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)

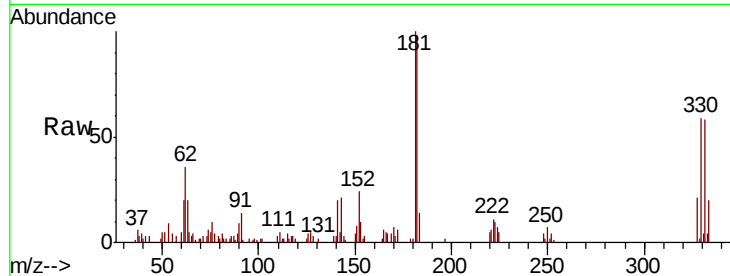
Tgt Ion:330 Resp: 14778

Ion Ratio Lower Upper

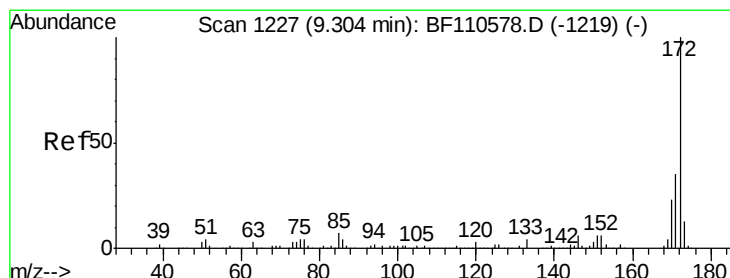
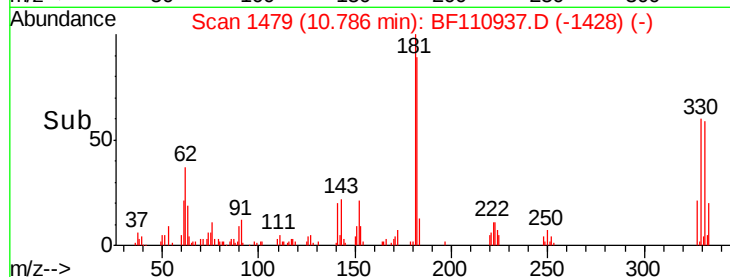
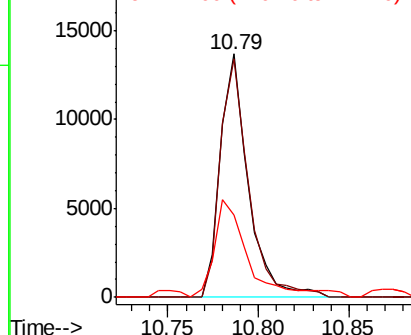
330 100

332 99.1 77.1 115.7

141 48.8 27.0 40.4#



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: 14.610 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

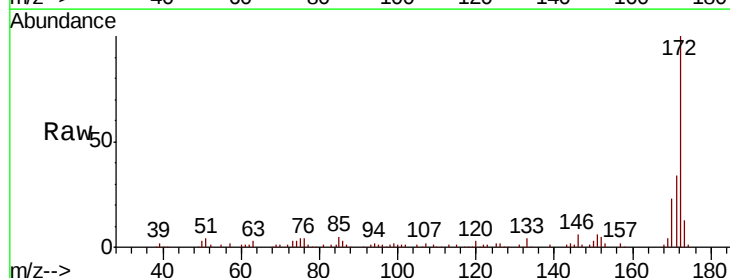
Tgt Ion:172 Resp: 81541

Ion Ratio Lower Upper

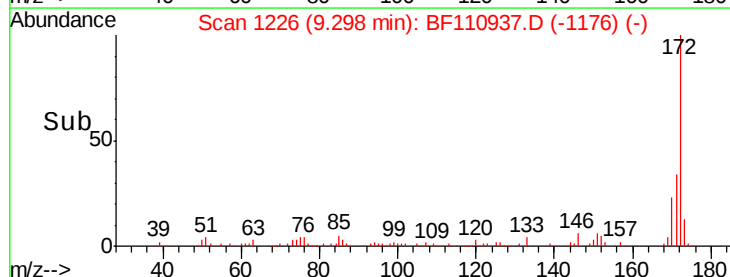
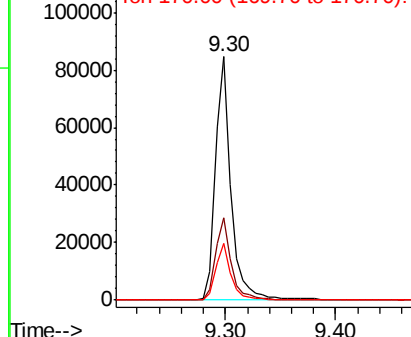
172 100

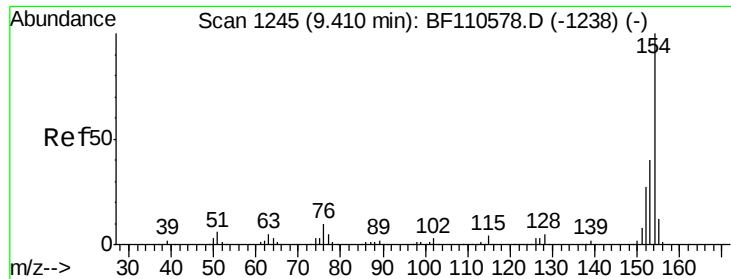
171 34.0 28.6 43.0

170 23.2 19.7 29.5



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

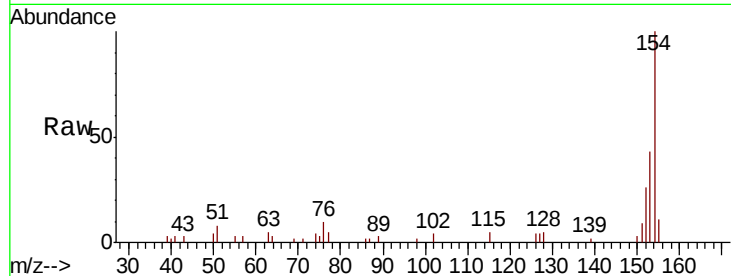




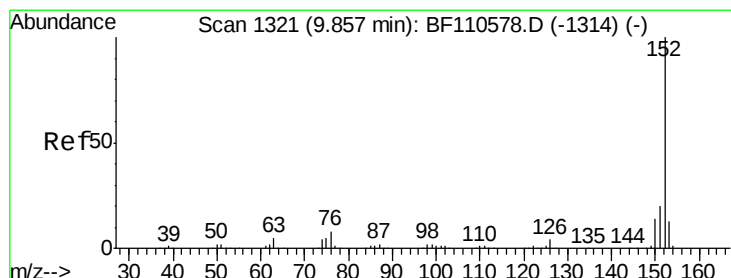
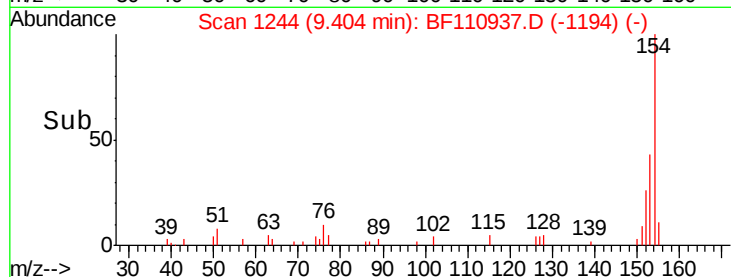
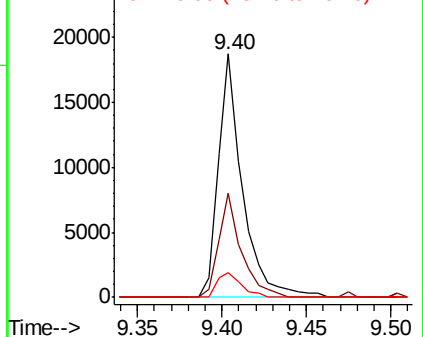
#46
1,1'-Biphenyl
Concen: 2.510 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

Tgt Ion:	154	Resp:	18667
Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.4	60.4
76	10.1	0.0	31.9

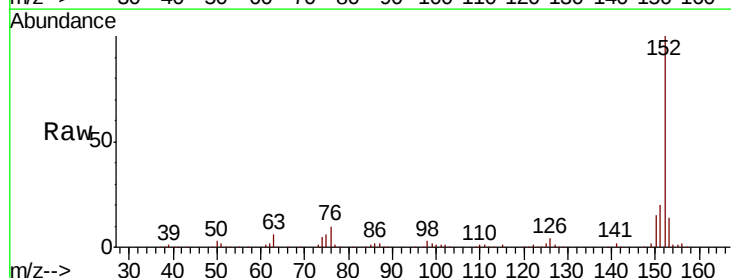


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

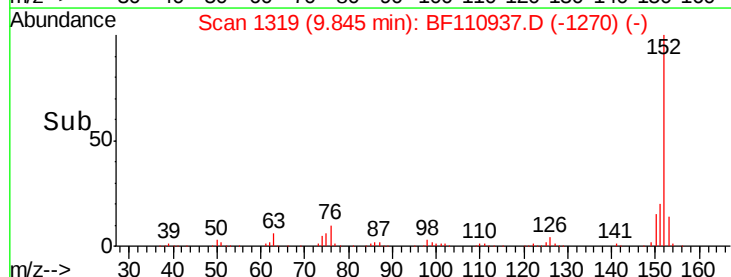
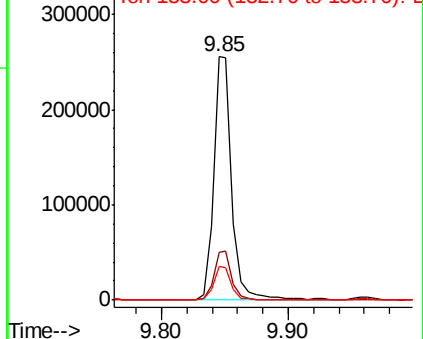


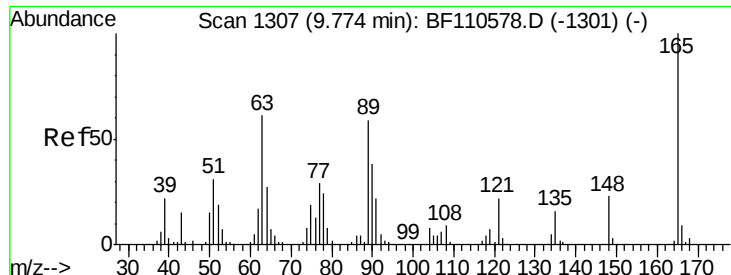
#49
Acenaphthylene
Concen: 33.303 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:	152	Resp:	256924
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	14.0	10.4	15.6



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

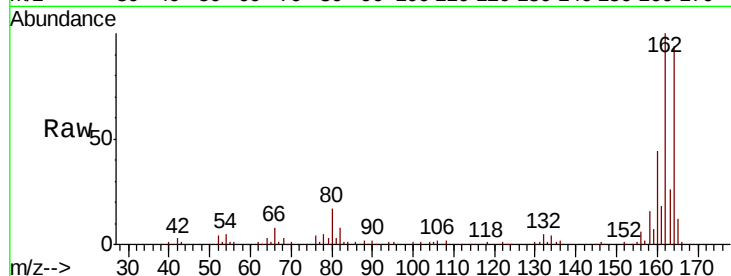




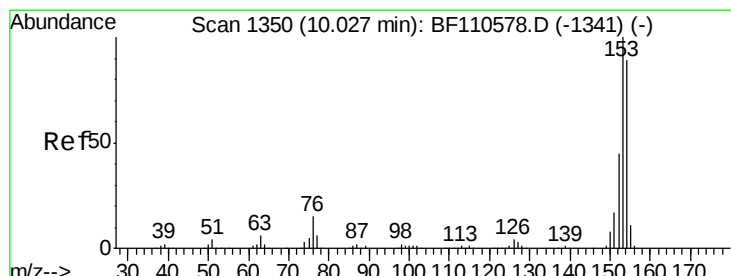
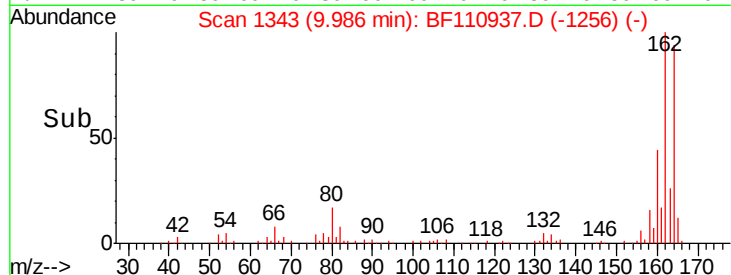
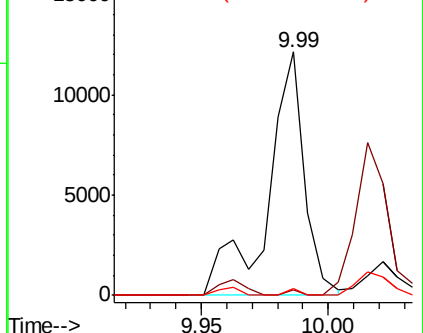
#51
 2,6-Dinitrotoluene
 Concen: 9.462 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110937.D
 Acq: 21 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	48.9	73.3#
89	2.5	46.6	69.8#

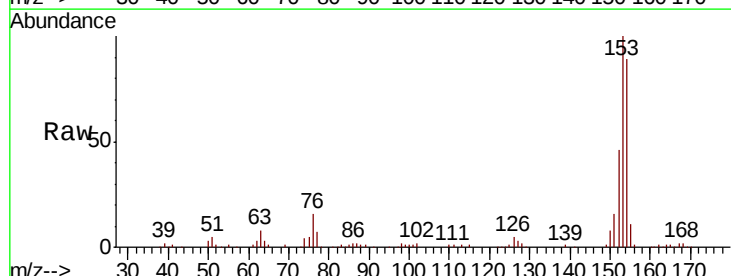


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

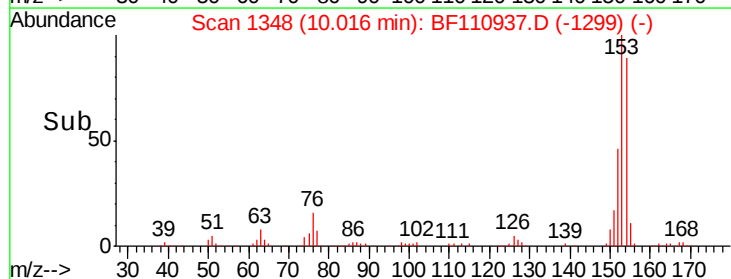
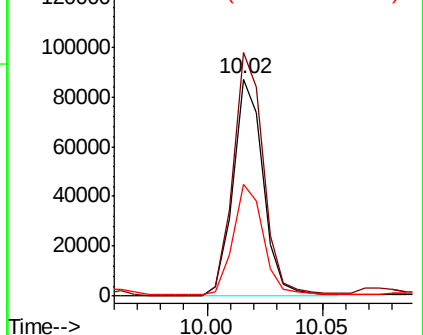


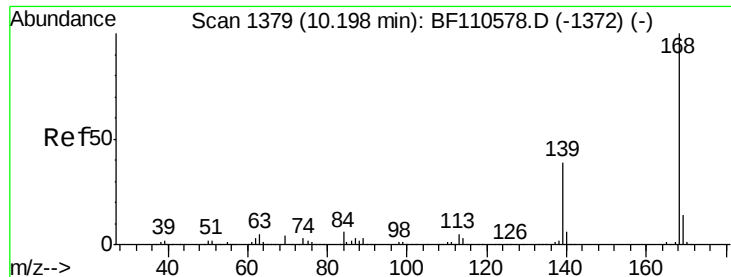
#52
 Acenaphthene
 Concen: 16.327 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF110937.D
 Acq: 21 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.1	135.1
152	51.5	43.4	65.2



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

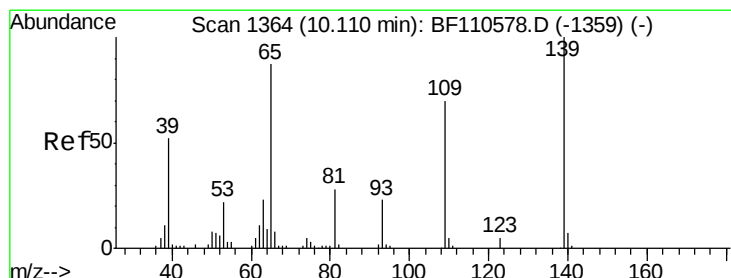
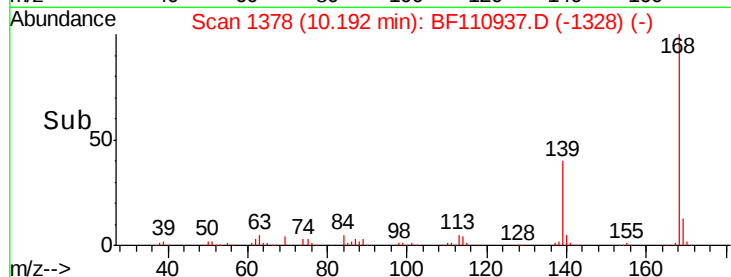
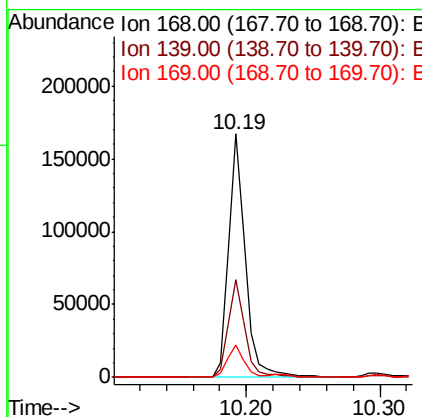
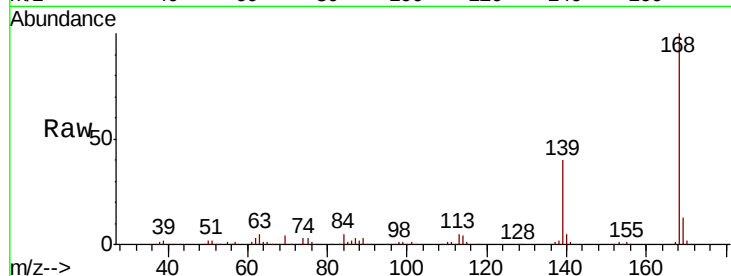




#55
Dibenzenofuran
Concen: 20.939 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

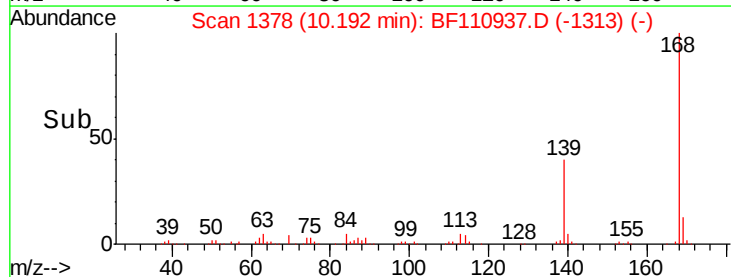
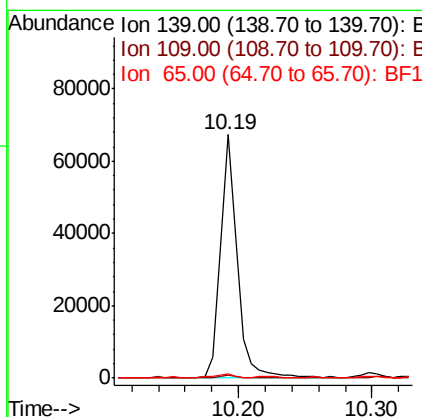
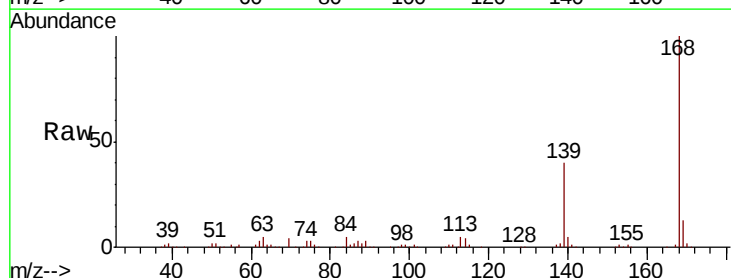
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

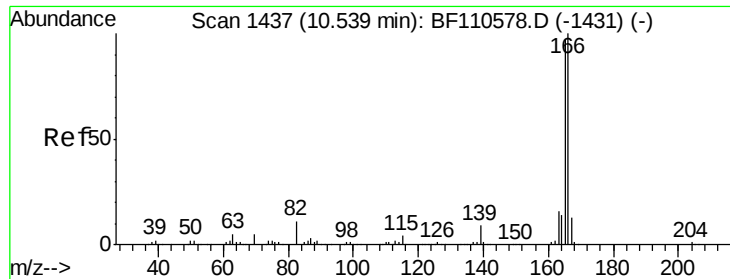
Tgt Ion:168 Resp: 149357
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.6
169 13.1 11.3 16.9



#56
4-Nitrophenol
Concen: 60.229 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:139 Resp: 60568
Ion Ratio Lower Upper
139 100
109 1.1 55.8 95.8#
65 1.7 77.9 117.9#





#58

Fluorene

Concen: 45.314 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)

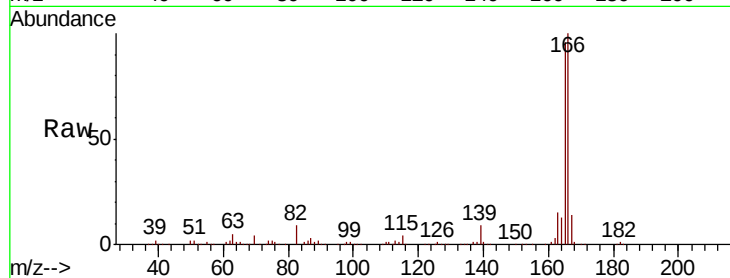
Tgt Ion:166 Resp: 248273

Ion Ratio Lower Upper

166 100

165 96.1 78.6 117.8

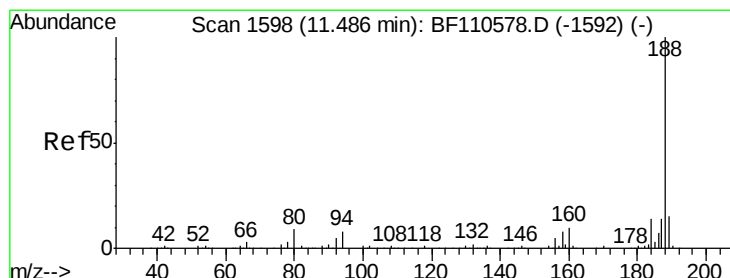
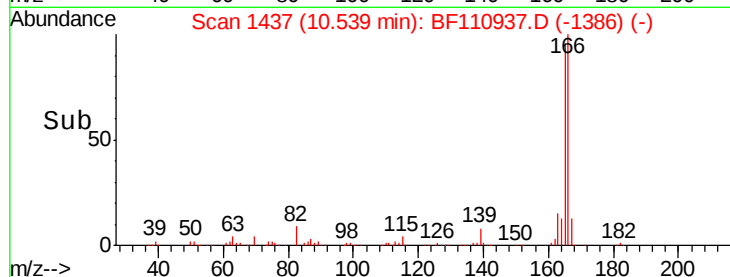
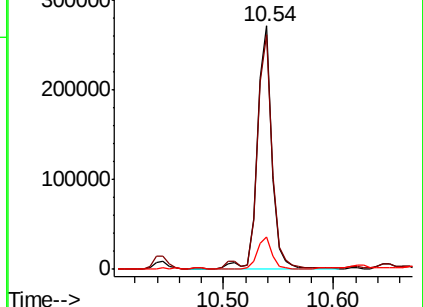
167 13.5 10.8 16.2



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: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

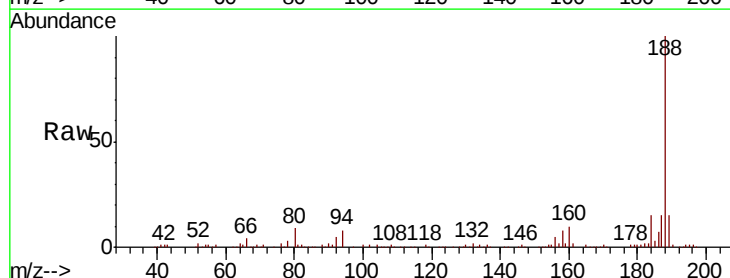
Tgt Ion:188 Resp: 139183

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

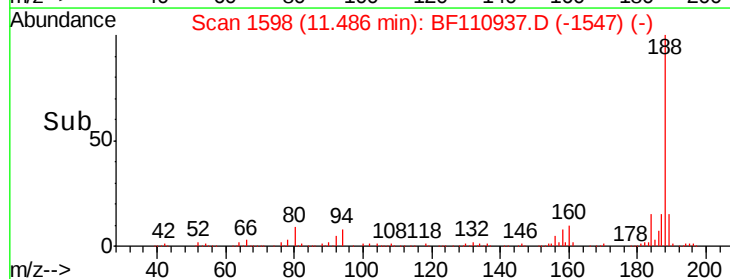
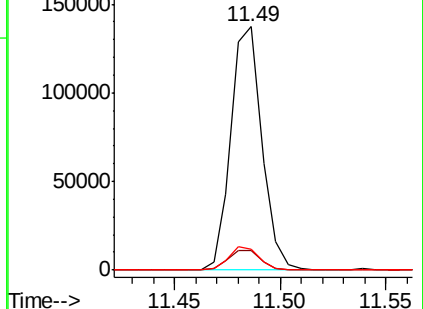
80 8.5 7.9 11.9

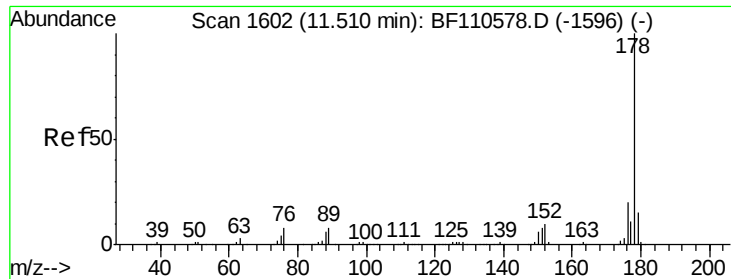


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

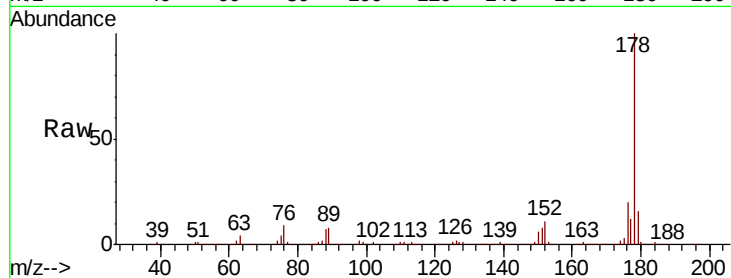




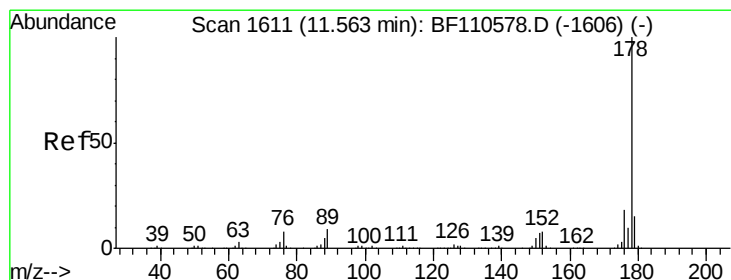
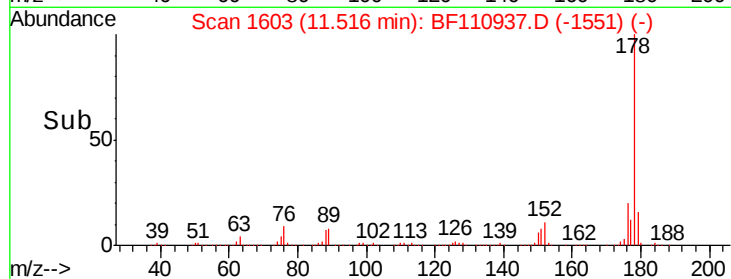
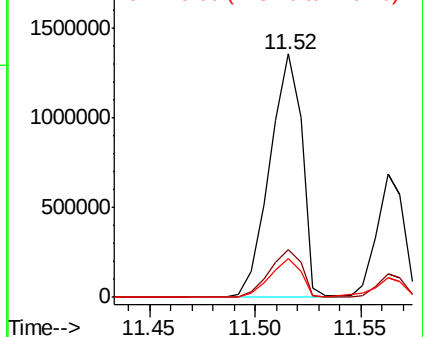
#71
Phenanthrene
Concen: 194.043 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

Tgt Ion:178 Resp: 1446922
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.5 18.7

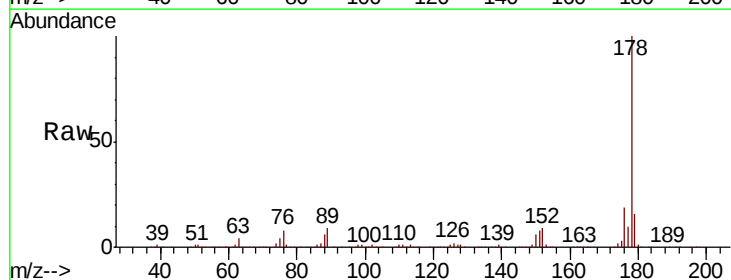


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

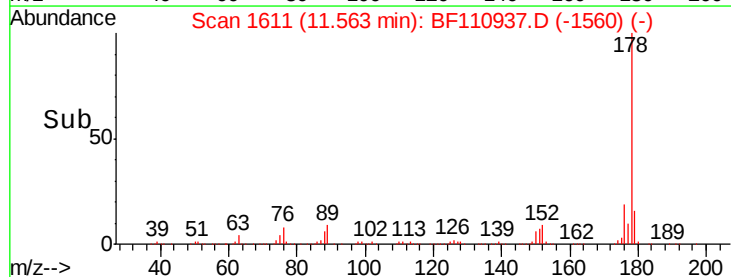
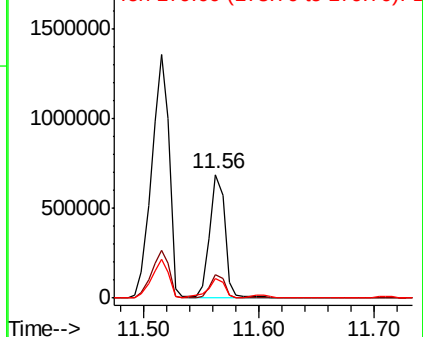


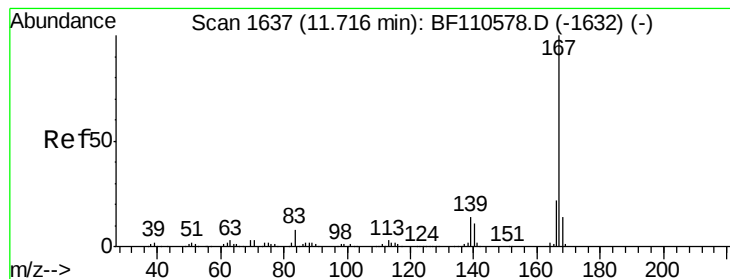
#72
Anthracene
Concen: 85.304 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:178 Resp: 641658
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.8 12.6 18.8



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





#73

Carbazole

Concen: 14.080 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)

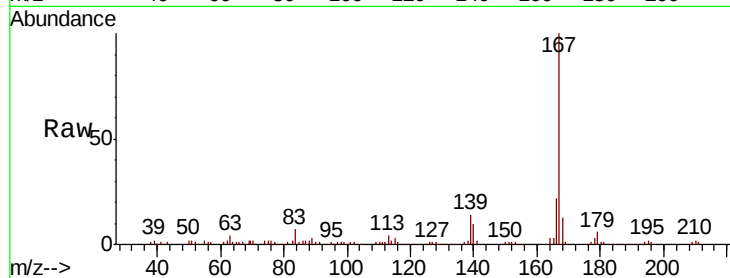
Tgt Ion:167 Resp: 101716

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

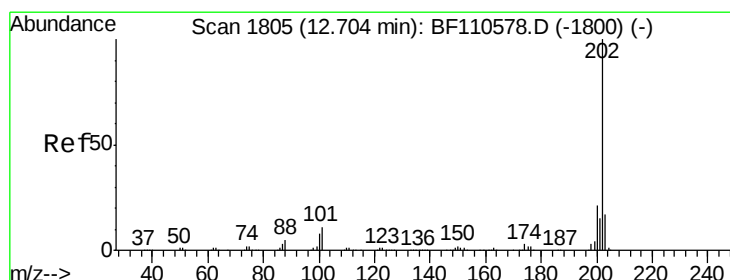
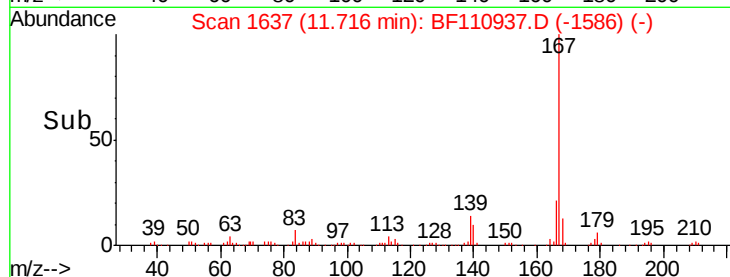
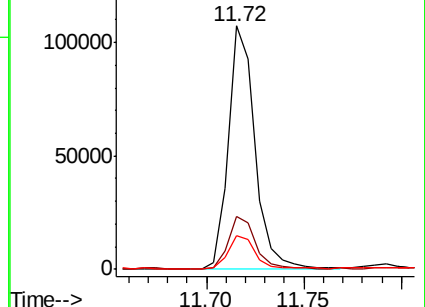
139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 263.104 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.02 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

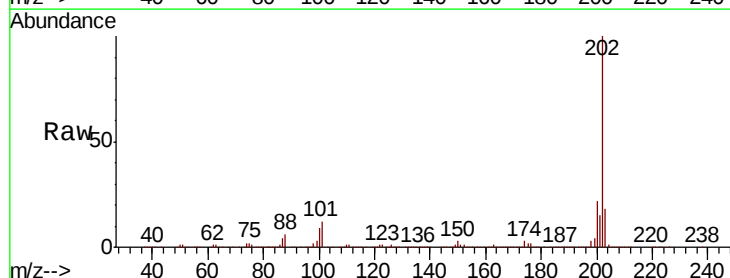
Tgt Ion:202 Resp: 1966929

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.4

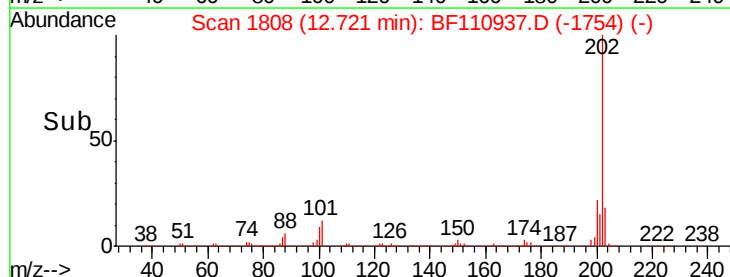
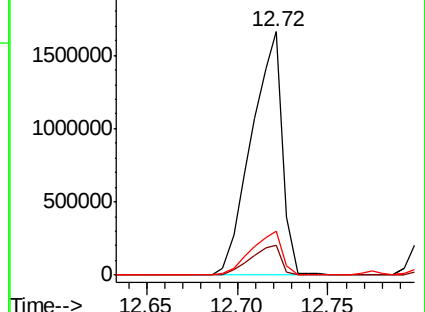
203 18.0 0.0 37.7

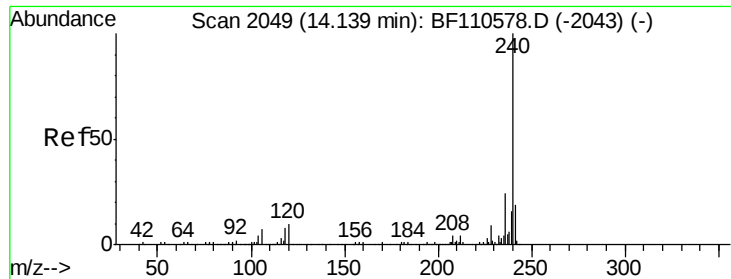


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

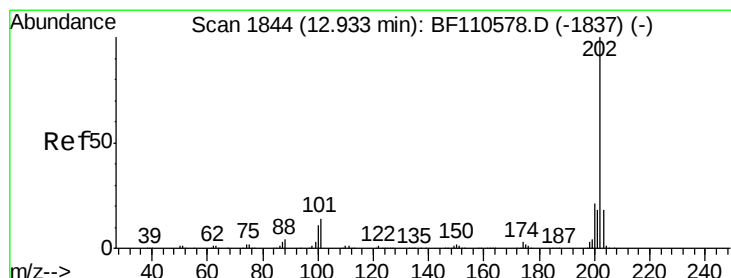
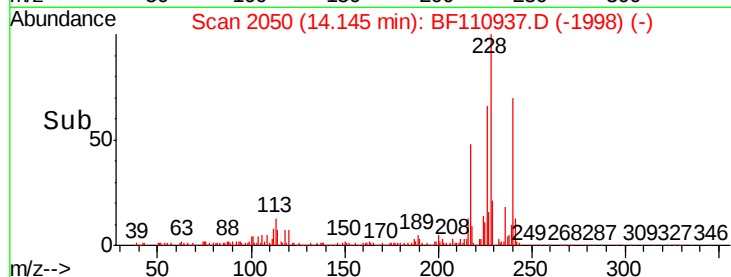
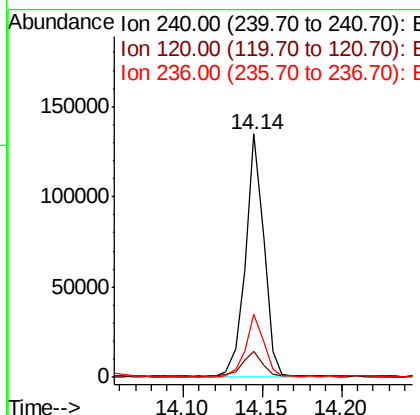
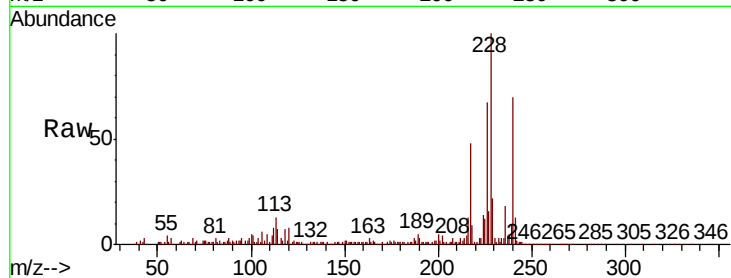




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

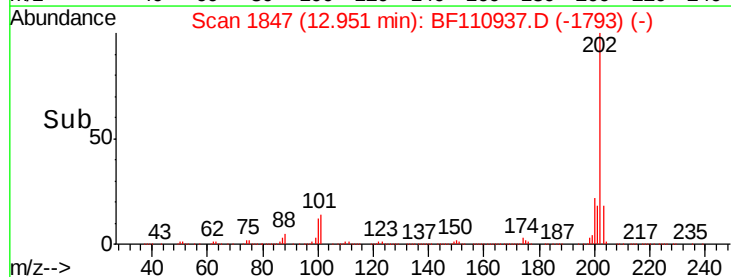
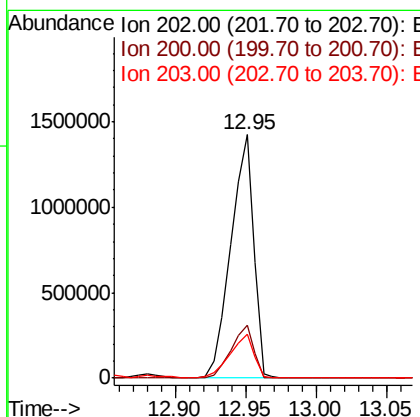
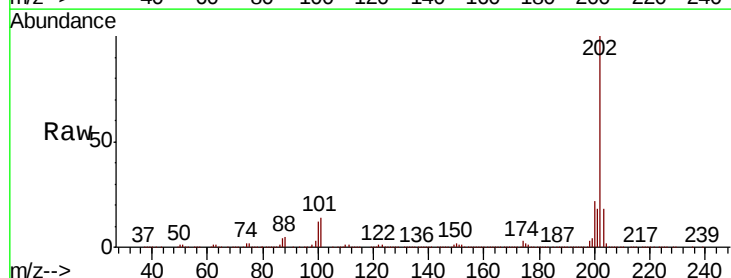
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

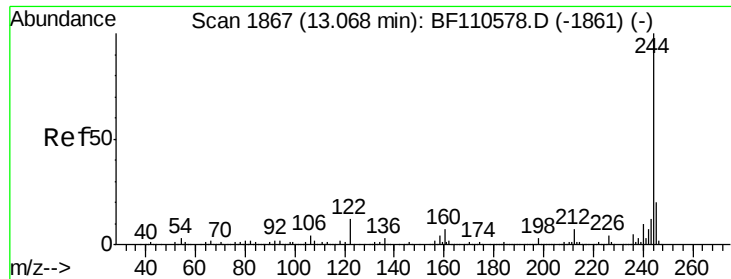
Tgt Ion:240 Resp: 108052
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 25.7 21.2 31.8



#78
Pyrene
Concen: 191.841 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.02 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:202 Resp: 1596072
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 13.365 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)

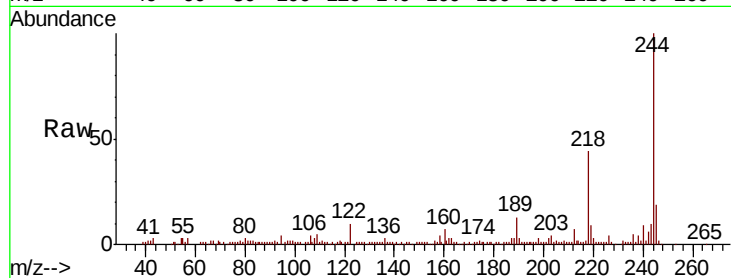
Tgt Ion:244 Resp: 77110

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.3 8.7 13.1

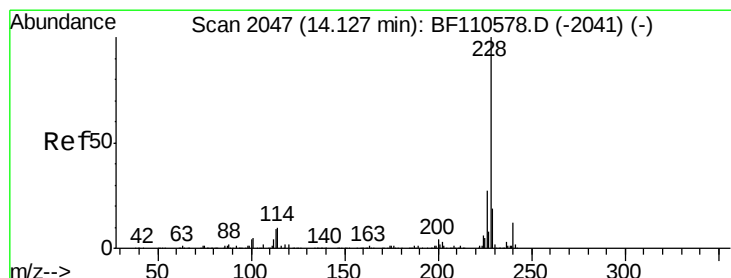
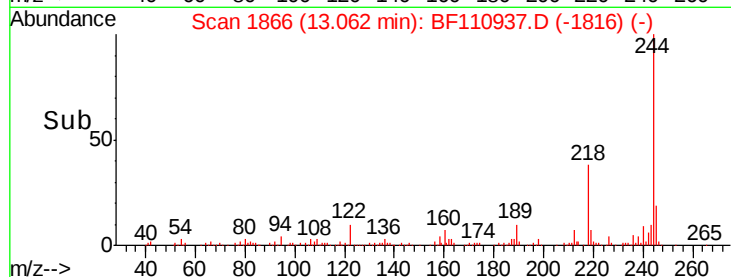
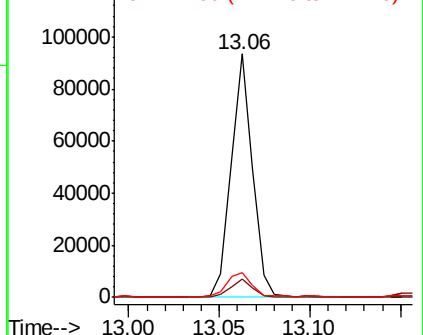


Abundance

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: 118.948 ng

RT: 14.13 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

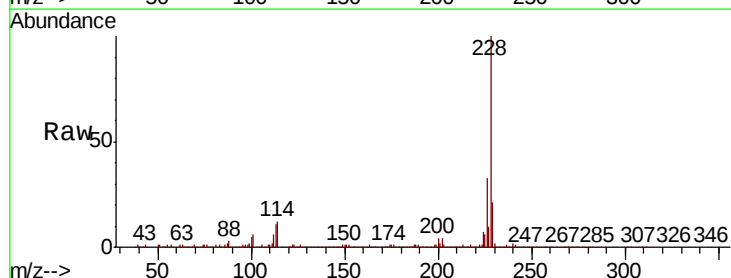
Tgt Ion:228 Resp: 768209

Ion Ratio Lower Upper

228 100

226 33.0 22.1 33.1

229 20.7 15.6 23.4

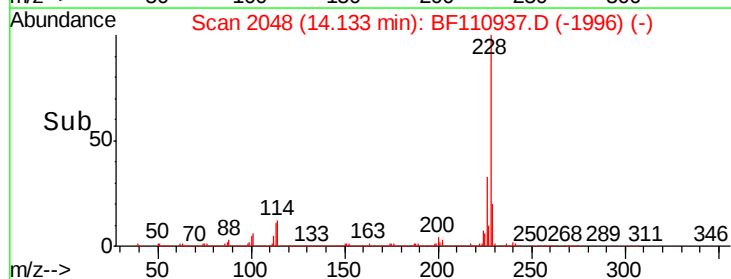
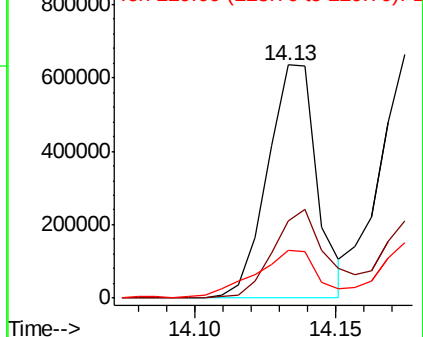


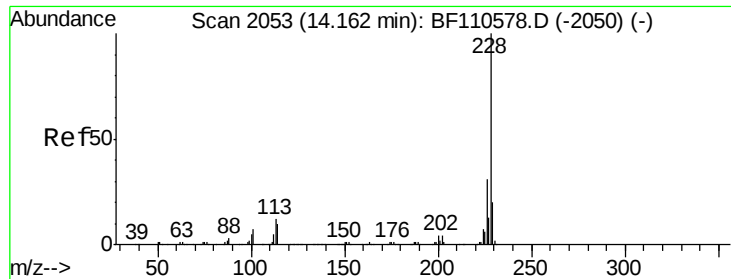
Abundance

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: 97.925 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)

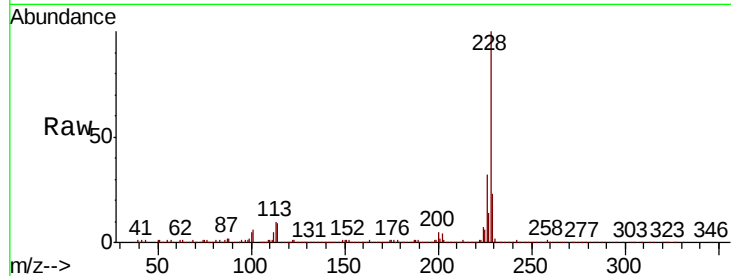
Tgt Ion:228 Resp: 602527

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

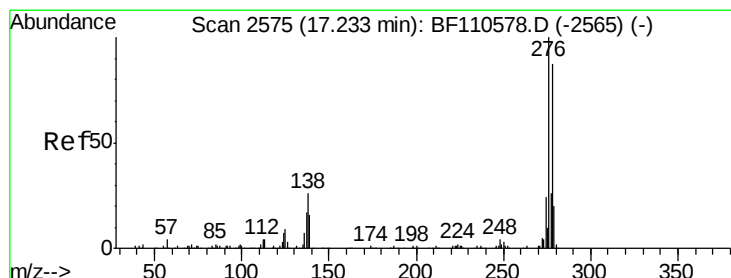
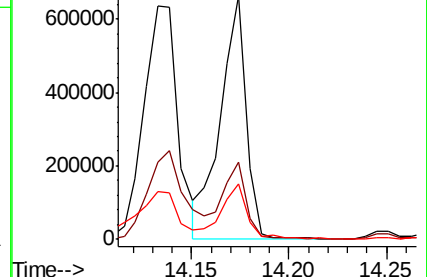
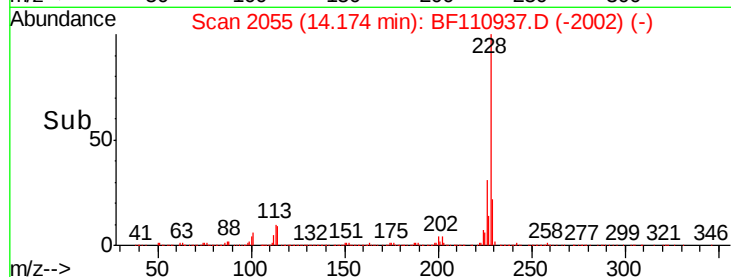
229 22.6 15.9 23.9



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.077 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.04 min

Lab File: BF110937.D

Acq: 21 Nov 2018 19:20

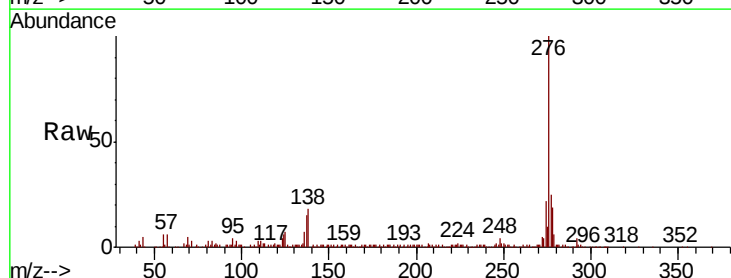
Tgt Ion:276 Resp: 238766

Ion Ratio Lower Upper

276 100

138 19.7 18.5 27.7

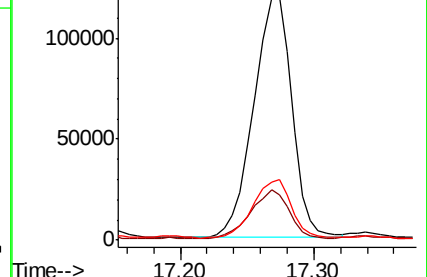
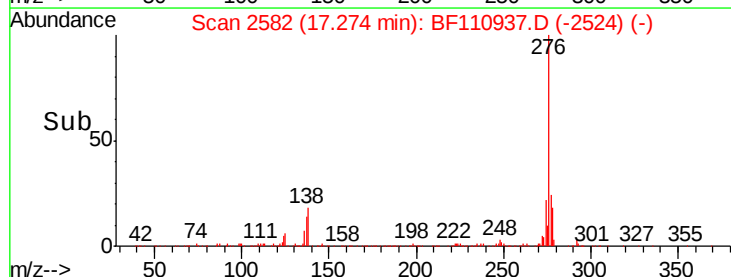
277 24.2 20.0 30.0

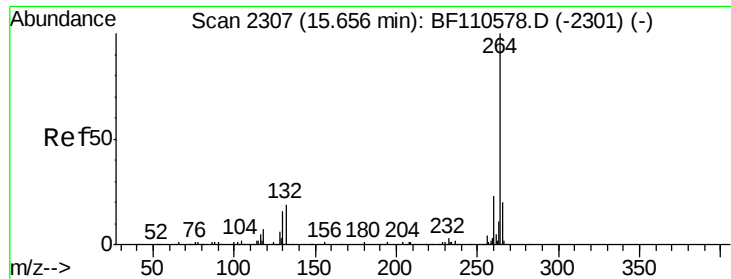


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

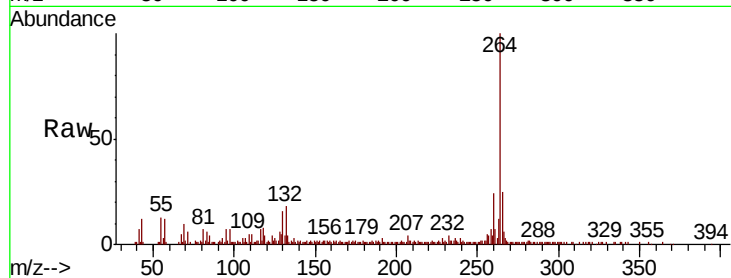




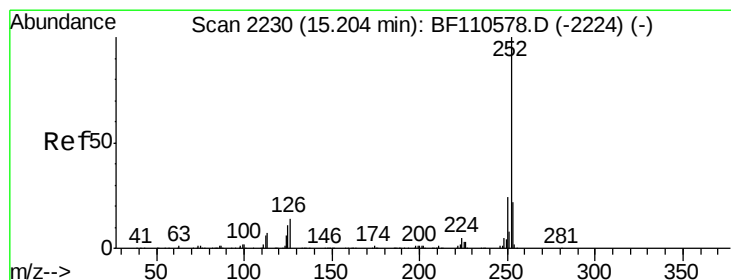
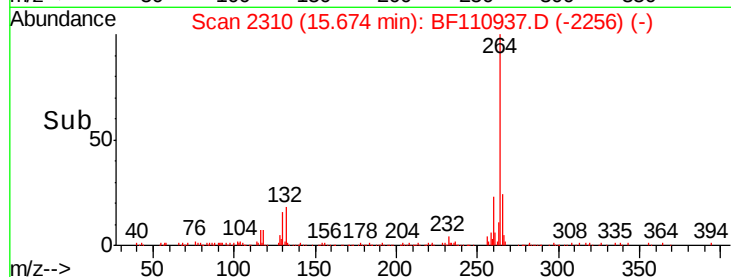
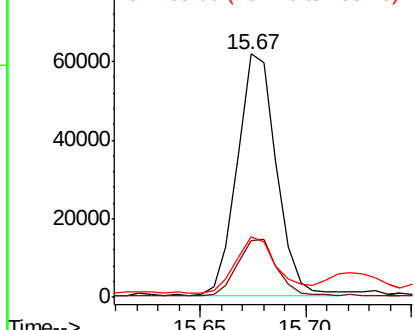
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.02 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

Tgt Ion:264 Resp: 79290
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 24.7 16.7 25.1

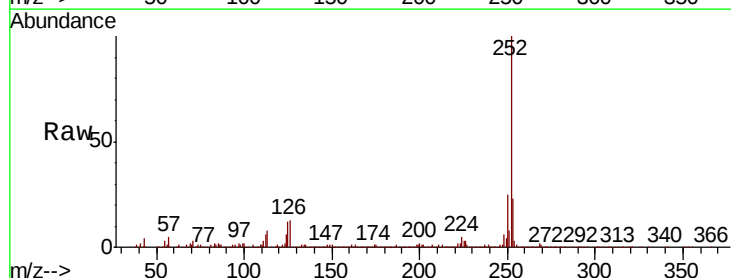


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

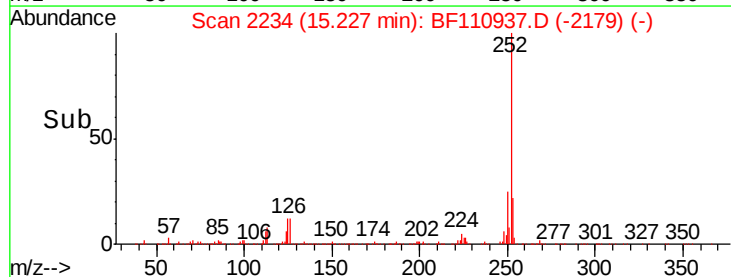
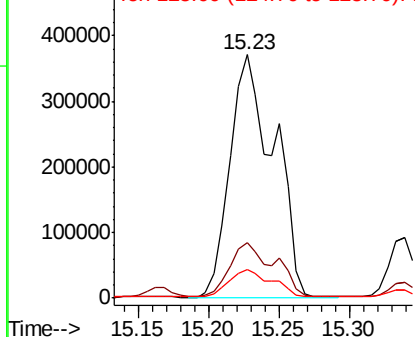


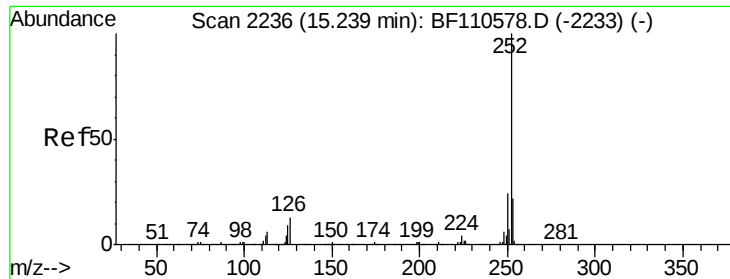
#88
Benzo(b)fluoranthene
Concen: 170.544 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:252 Resp: 808959
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 11.9 8.2 12.4



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

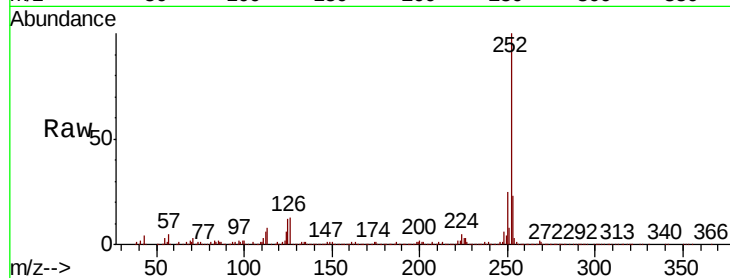




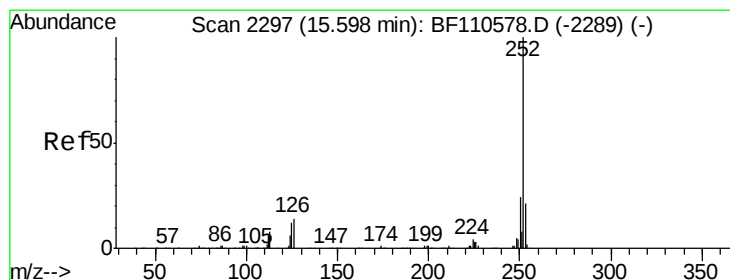
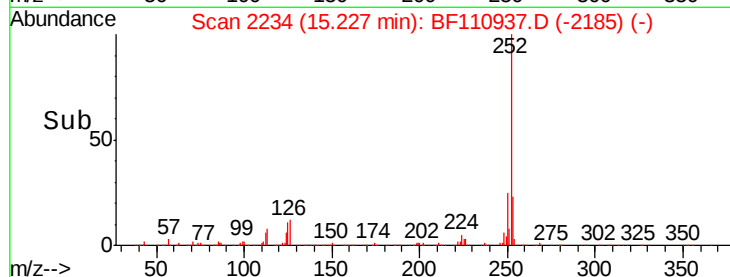
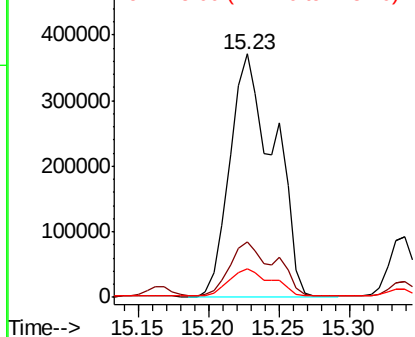
#89
Benzo(k)fluoranthene
Concen: 172.595 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.9	7.4	11.0

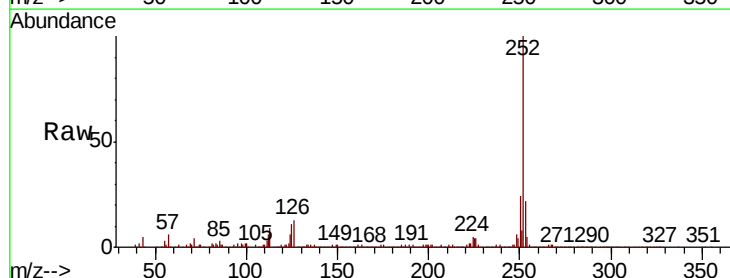


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

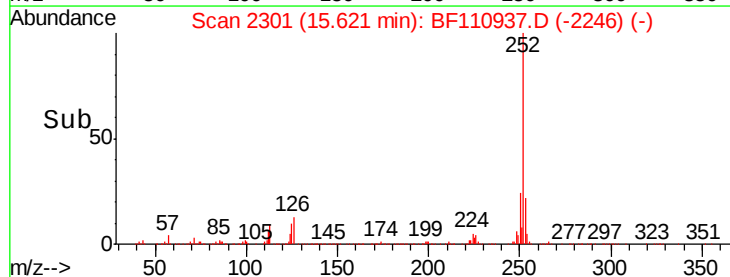
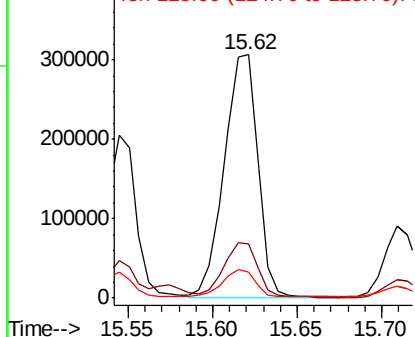


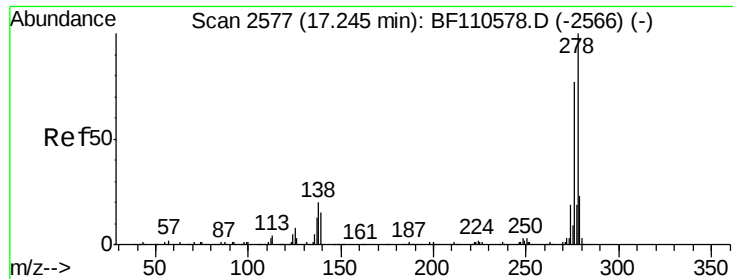
#90
Benzo(a)pyrene
Concen: 98.093 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.02 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.9	9.0	13.6



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

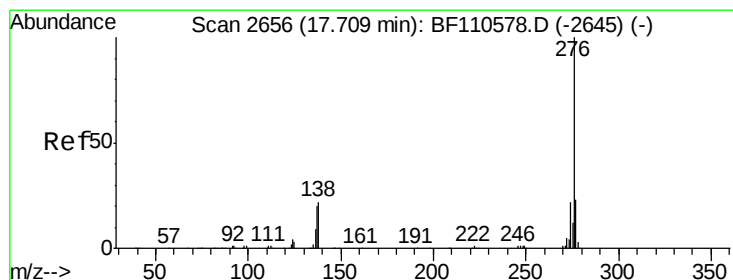
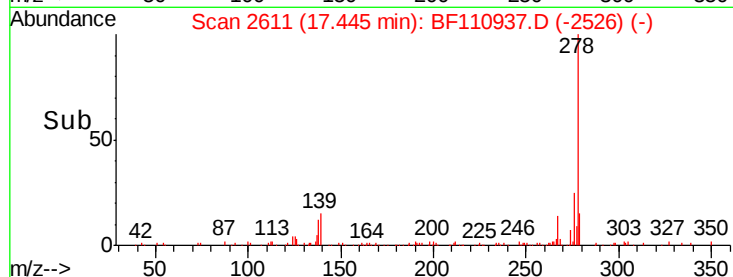
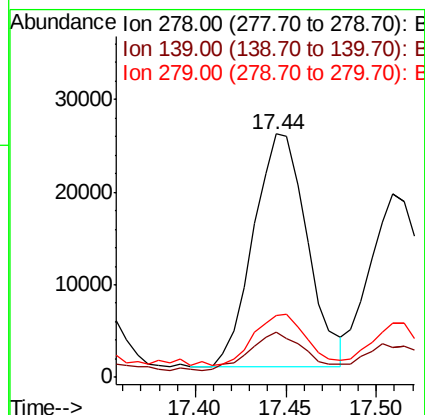
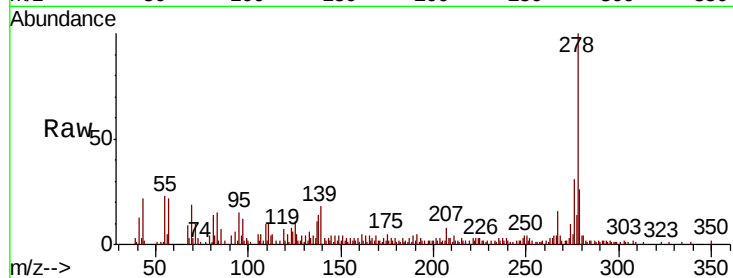




#91
Dibenzo(a,h)anthracene
Concen: 14.270 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.20 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)

Tgt Ion:278 Resp: 52043
Ion Ratio Lower Upper
278 100
139 18.5 12.7 19.1
279 25.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 56.258 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.05 min
Lab File: BF110937.D
Acq: 21 Nov 2018 19:20

Tgt Ion:276 Resp: 203573
Ion Ratio Lower Upper
276 100
277 25.0 18.8 28.2
138 20.6 16.0 24.0

