

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111968.D
 Acq On : 9 Jan 2019 23:48
 Operator : JU/SJ
 Sample : K1075-19RE 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:55:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	127504	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	435986	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	189562	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	265618	20.00	ng	0.00
76) Chrysene-d12	14.06	240	250504	20.00	ng	0.00
87) Perylene-d12	15.55	264	109209	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	346375	46.48	ng	0.00
7) Phenol-d6	6.52	99	441711	45.98	ng	-0.01
23) Nitrobenzene-d5	7.44	82	251560	30.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	87474	35.48	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	452706	34.82	ng	-0.01
79) Terphenyl-d14	13.00	244	427802	32.42	ng	0.00

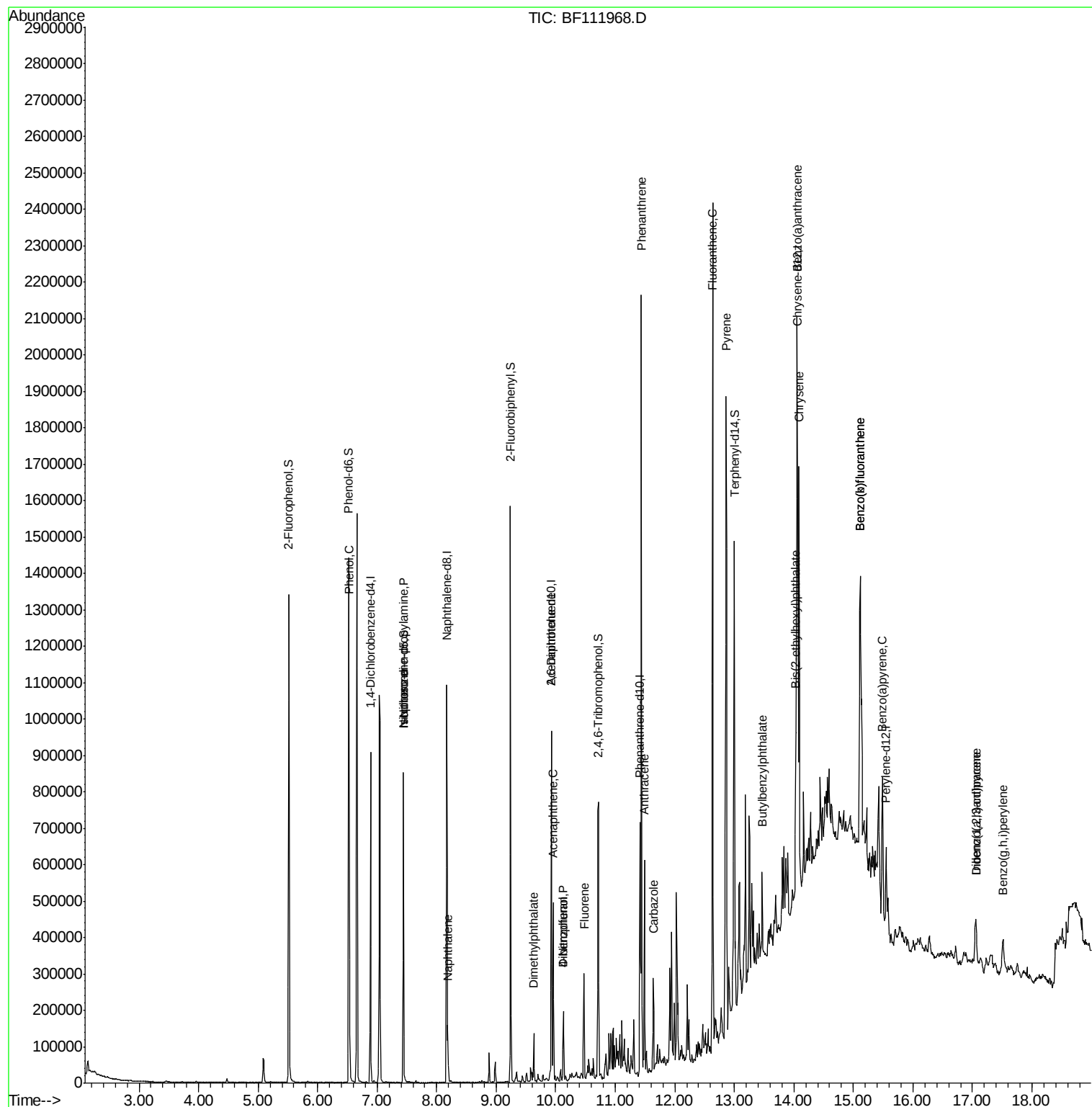
Target Compounds				Qvalue		
9) Benzaldehyde	6.53	77	1094	Below Cal	#	1
10) Phenol	6.53	94	26296	2.519	ng	85
19) n-Nitroso-di-n-propylamine	7.44	70	33845	5.423	ng	# 76
25) Isophorone	7.44	82	251557	19.043	ng	# 65
31) Naphthalene	8.19	128	64766	3.129	ng	97
50) Dimethylphthalate	9.63	163	51186	3.595	ng	99
51) 2,6-Dinitrotoluene	9.93	165	25394	7.975	ng	# 26
52) Acenaphthene	9.96	154	89976	7.586	ng	97
55) Dibenzofuran	10.13	168	64630	3.747	ng	96
56) 4-Nitrophenol	10.13	139	23764	9.862	ng	# 7
58) Fluorene	10.47	166	80062	6.379	ng	98
71) Phenanthrene	11.44	178	788341	55.512	ng	100
72) Anthracene	11.49	178	240754	16.700	ng	98
73) Carbazole	11.64	167	88417	6.305	ng	98
75) Fluoranthene	12.64	202	956197	65.588	ng	99
78) Pyrene	12.86	202	782234	45.383	ng	99
80) Butylbenzylphthalate	13.47	149	50564	6.939	ng	96
81) Benzo(a)anthracene	14.05	228	568196	39.412	ng	99
83) Chrysene	14.09	228	415406	30.220	ng	96
84) Bis(2-ethylhexyl)phthalate	14.03	149	102593	10.720	ng	# 98
86) Indeno(1,2,3-cd)pyrene	17.05	276	89630	8.944	ng	# 94
88) Benzo(b)fluoranthene	15.12	252	571879	87.540	ng	94
89) Benzo(k)fluoranthene	15.12	252	571879	93.129	ng	# 96
90) Benzo(a)pyrene	15.49	252	199060	34.655	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	22780	4.931	ng	# 87
92) Benzo(g,h,i)perylene	17.52	276	78346	17.338	ng	95

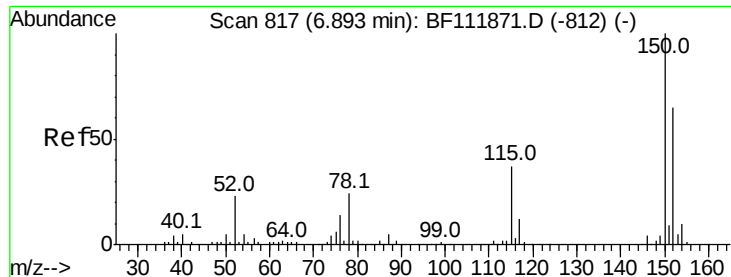
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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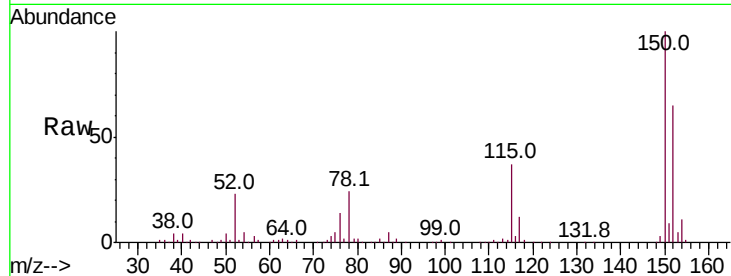


#1

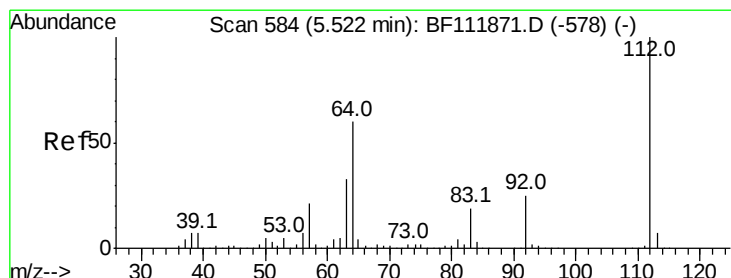
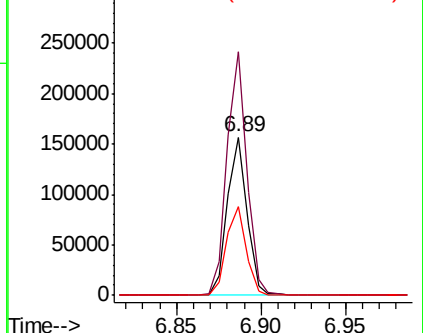
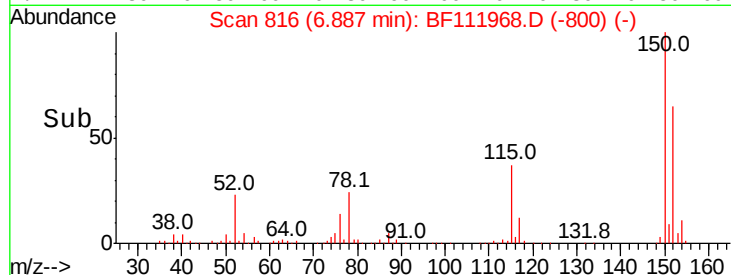
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127504
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 56.3 45.2 67.8



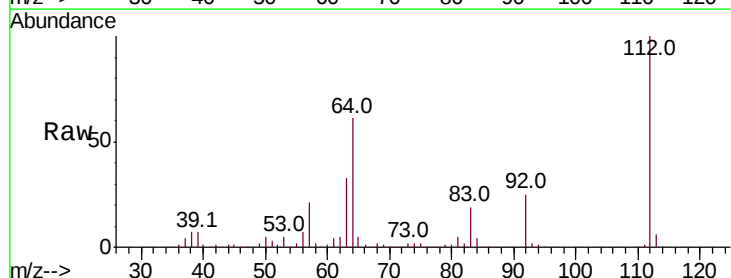
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



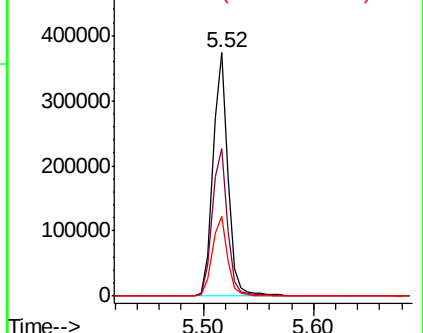
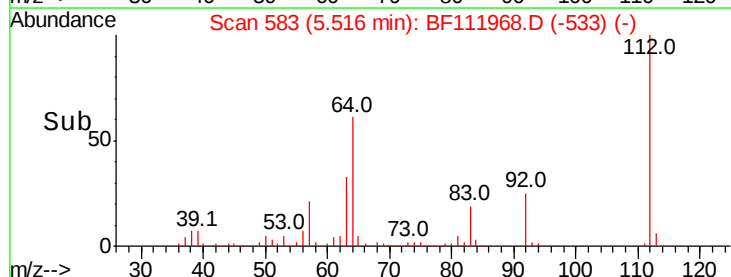
#5

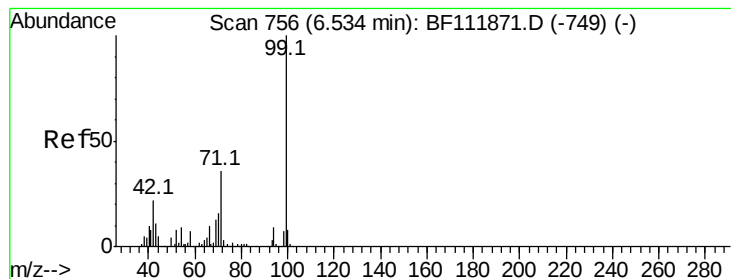
2-Fluorophenol
Concen: 46.476 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion:112 Resp: 346375
Ion Ratio Lower Upper
112 100
64 60.6 48.3 72.5
63 32.5 26.1 39.1



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: 45.984 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

Instrument :

BNA_F

ClientSampleId :

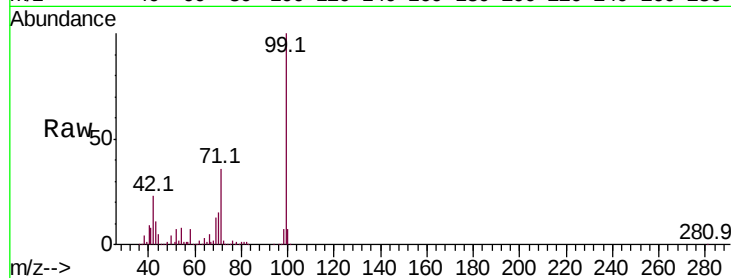
Tot Ion: 99 Resp: 441711

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

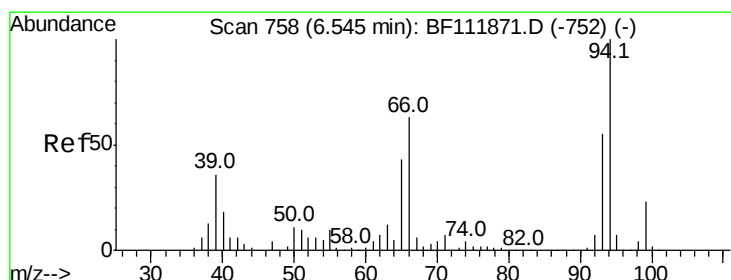
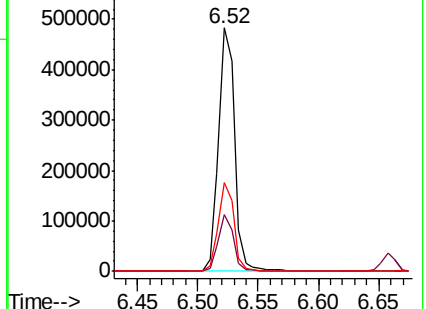
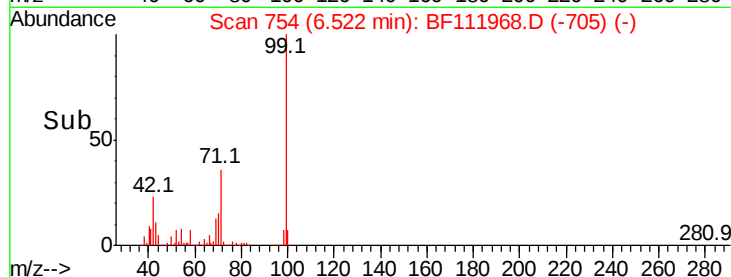
71 36.4 28.7 43.1



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: 2.519 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

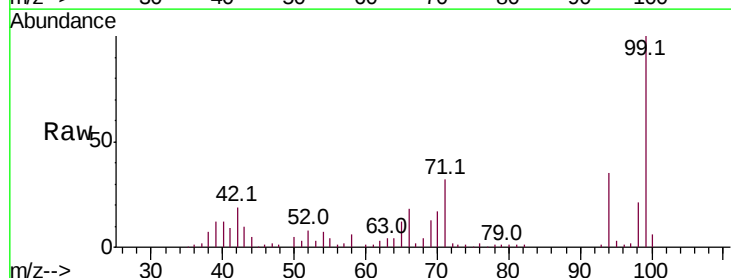
Tgt Ion: 94 Resp: 26296

Ion Ratio Lower Upper

94 100

65 34.9 22.8 62.8

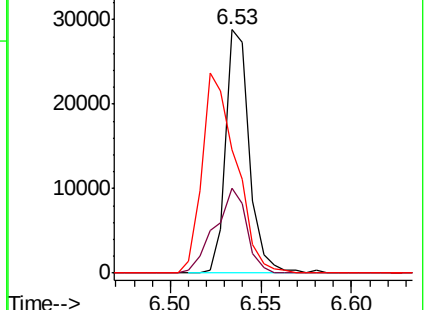
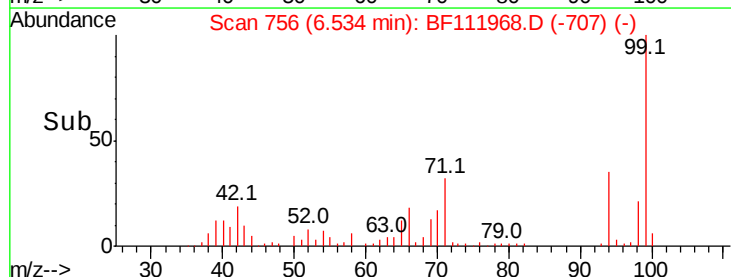
66 50.9 43.3 83.3

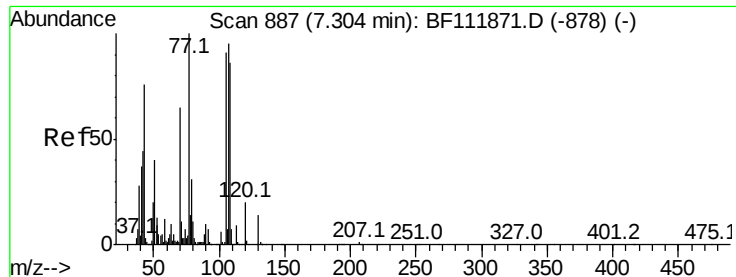


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

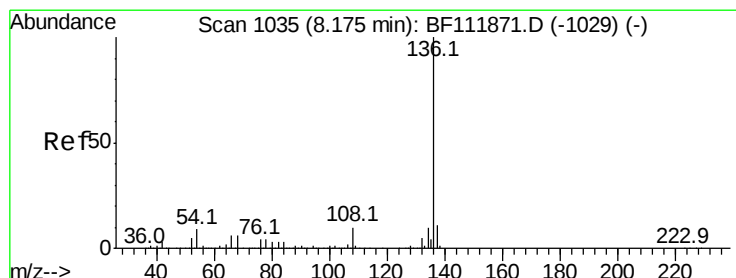
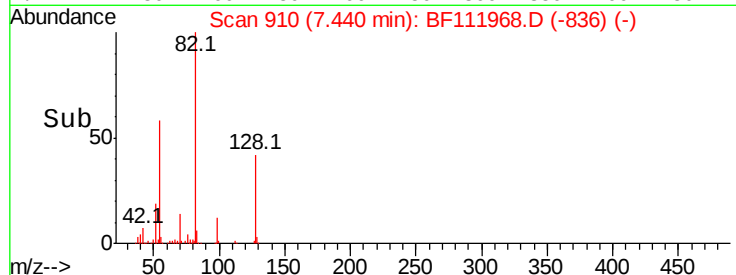
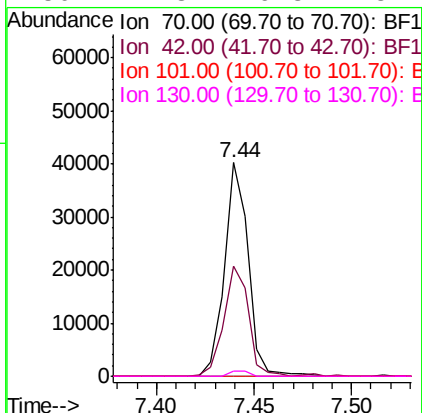
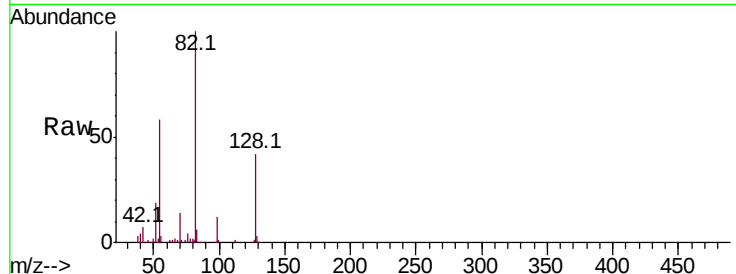




#19
n-Nitroso-di-n-propylamine
Concen: 5.423 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

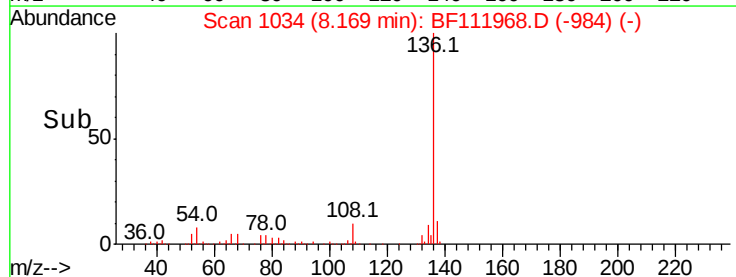
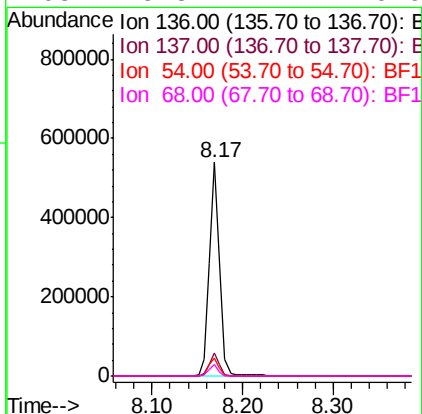
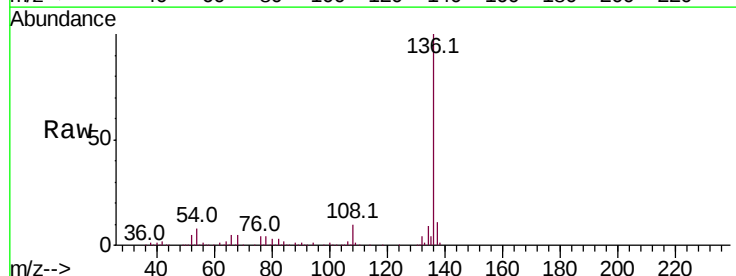
Instrument :
BNA_F
ClientSampleId :

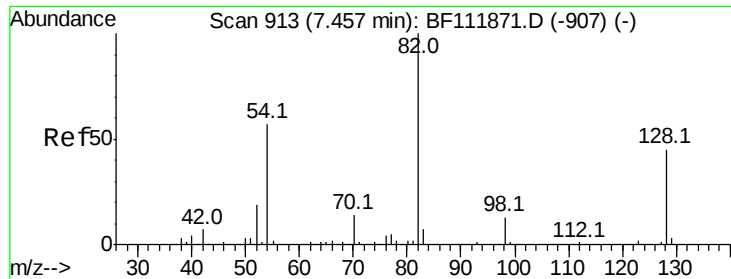
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	53.6	80.4#
101	0.0	7.3	10.9#
130	2.3	16.8	25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.4	7.2	10.8
68	5.3	4.4	6.6

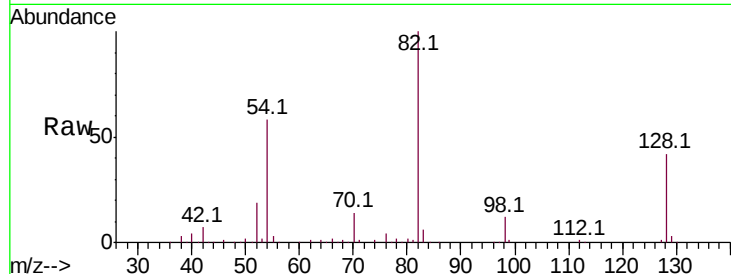




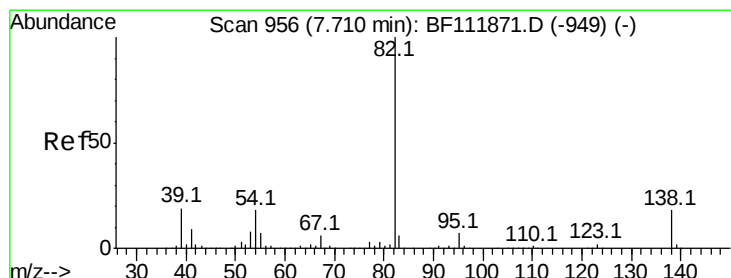
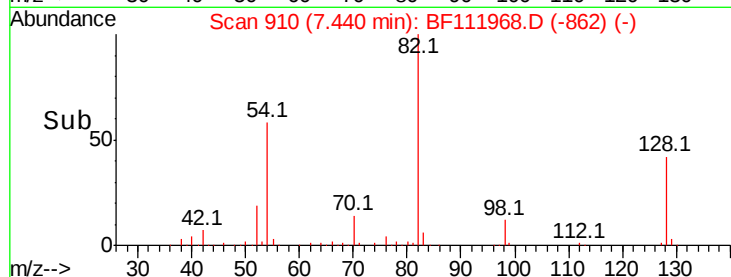
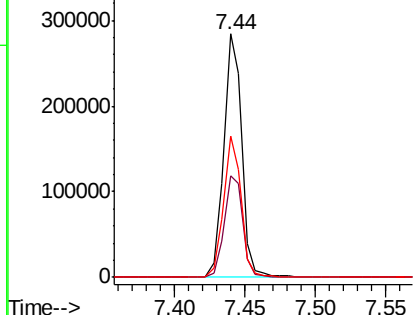
#23
Nitrobenzene-d5
Concen: 30.837 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 251560
Ion Ratio Lower Upper
82 100
128 41.7 35.7 53.5
54 57.9 45.8 68.8

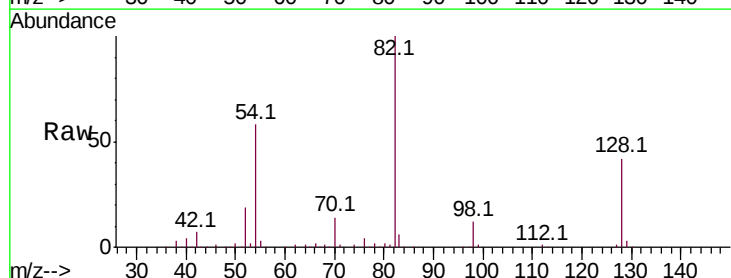


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

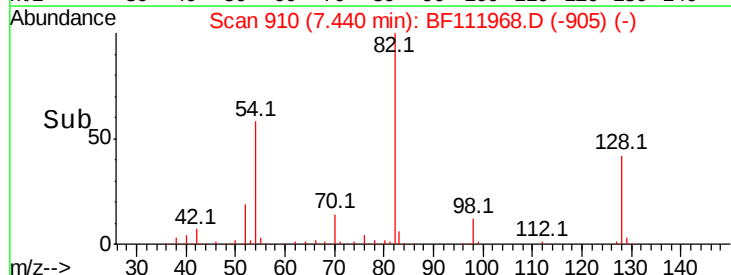
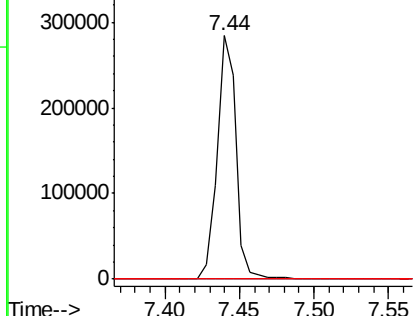


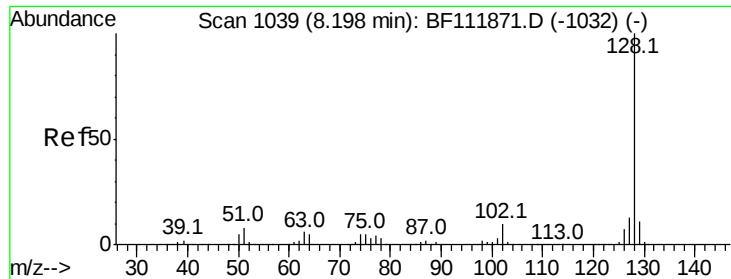
#25
Isophorone
Concen: 19.043 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion: 82 Resp: 251557
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#



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

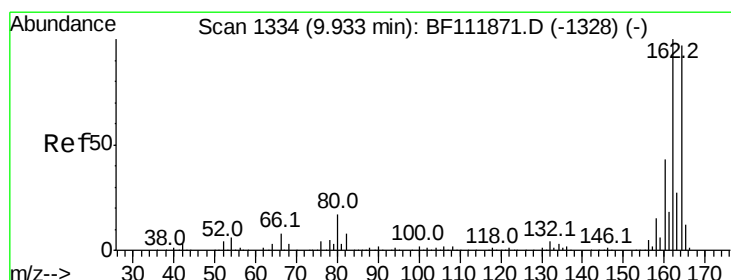
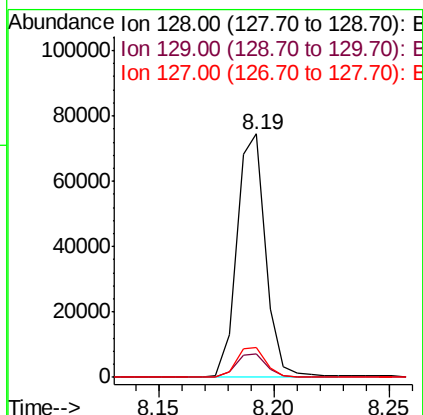
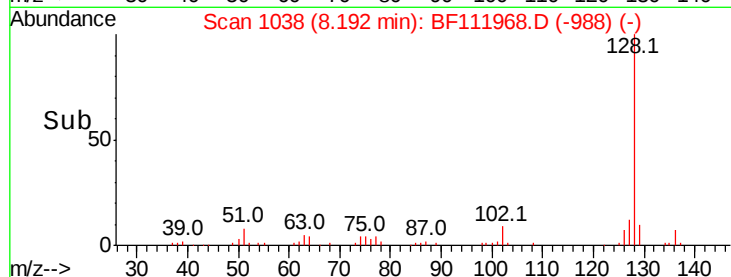
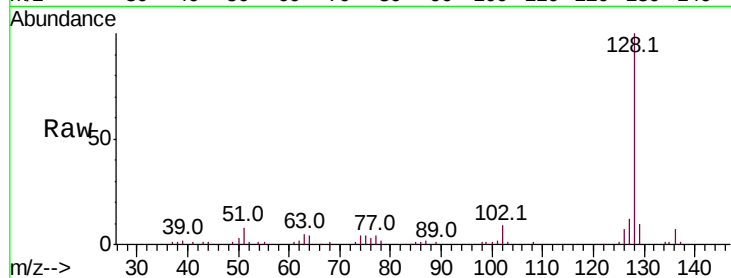




#31
Naphthalene
Concen: 3.129 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

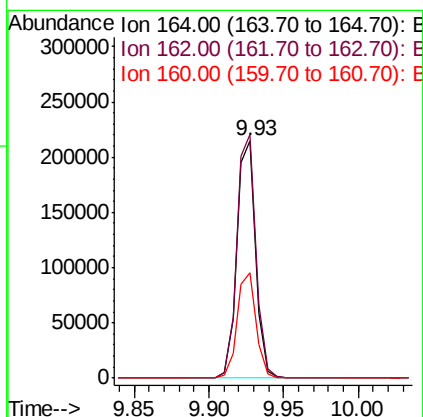
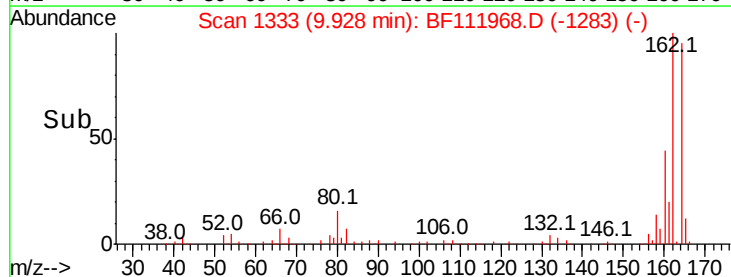
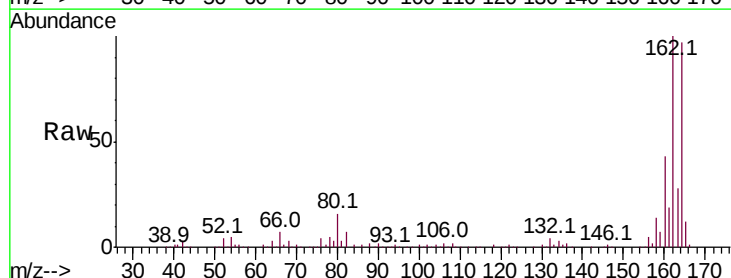
Instrument :
BNA_F
ClientSampleId :

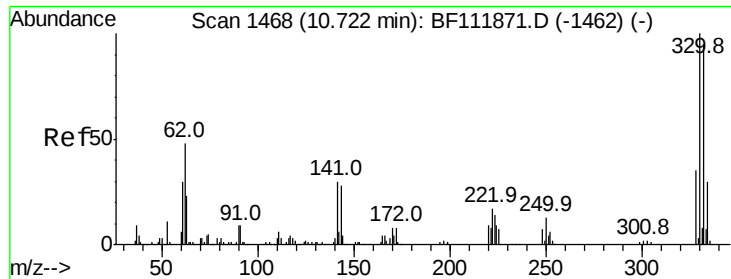
Tot Ion:128 Resp: 64766
Ion Ratio Lower Upper
128 100
129 9.5 9.0 13.4
127 12.4 10.7 16.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion:164 Resp: 189562
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 44.6 35.5 53.3

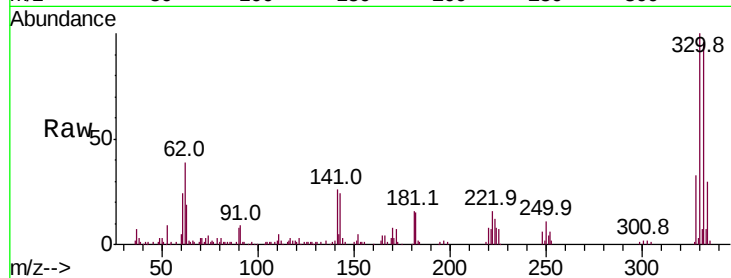




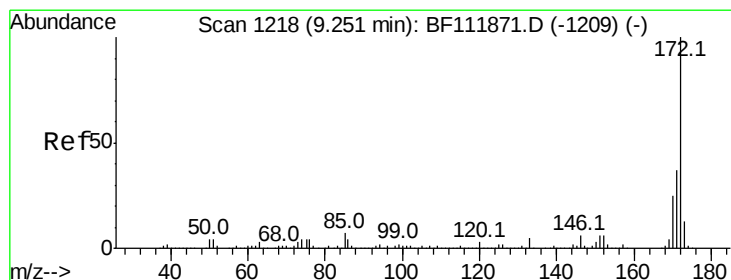
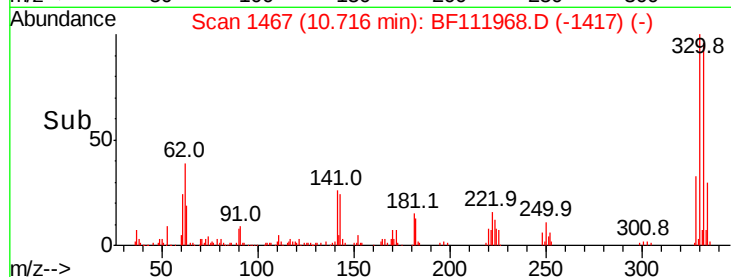
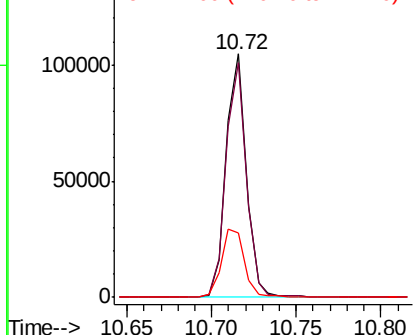
#42
 2,4,6-Tribromophenol
 Concen: 35.477 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111968.D
 Acq: 9 Jan 2019 23:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 87474
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 32.2 23.7 35.5

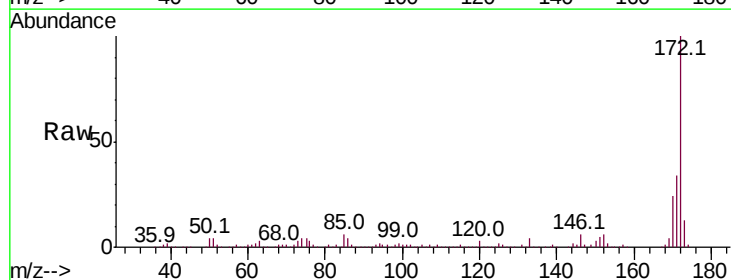


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

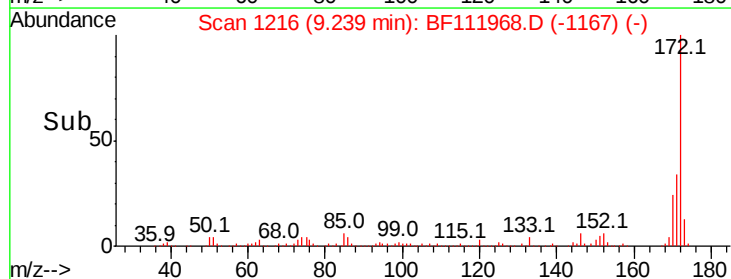
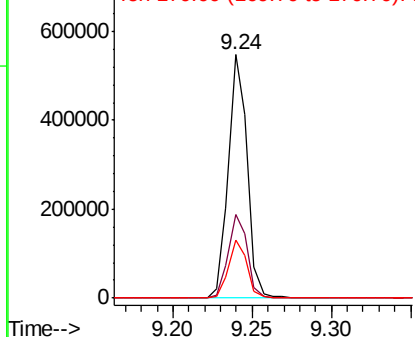


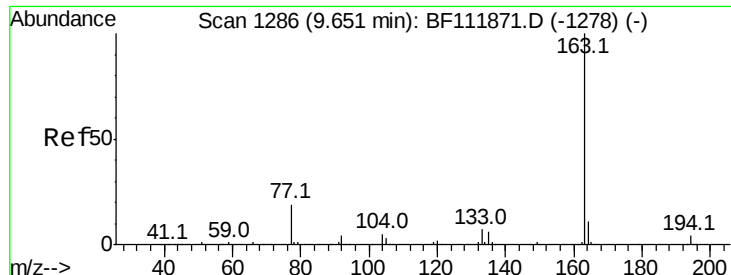
#45
 2-Fluorobiphenyl
 Concen: 34.824 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111968.D
 Acq: 9 Jan 2019 23:48

Tgt Ion:172 Resp: 452706
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.6 44.4
 170 23.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.595 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

Instrument :

BNA_F

ClientSampleId :

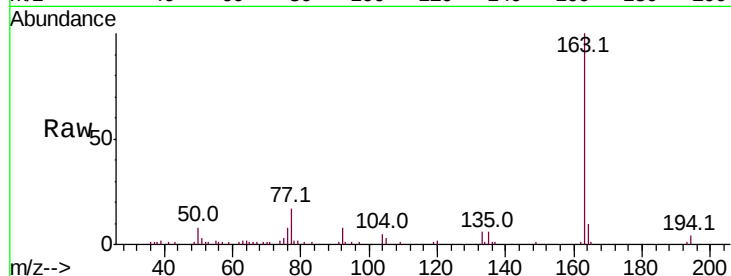
Tot Ion:163 Resp: 51186

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

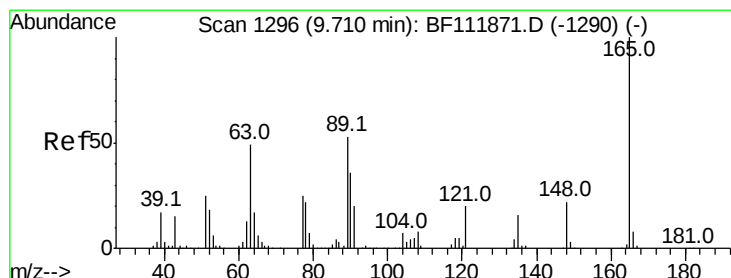
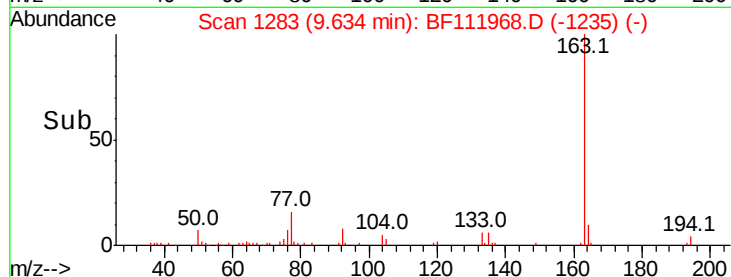
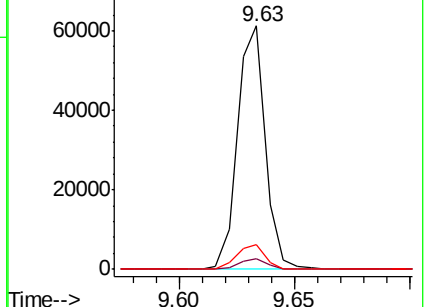
164 10.2 8.5 12.7



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: 7.975 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

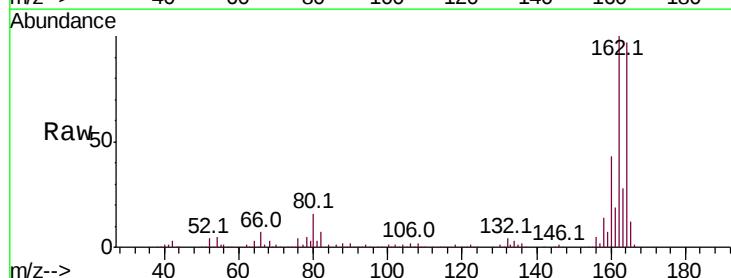
Tgt Ion:165 Resp: 25394

Ion Ratio Lower Upper

165 100

63 1.3 46.2 69.2#

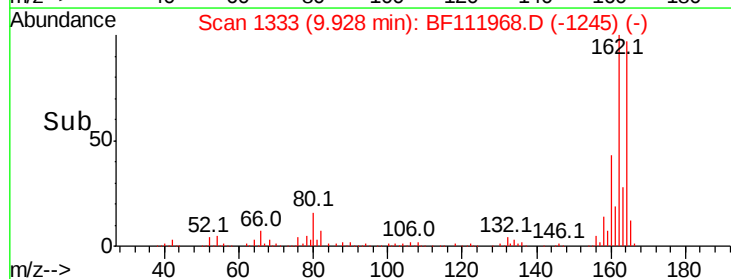
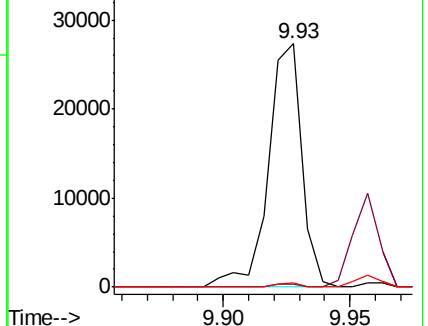
89 2.0 42.2 63.2#

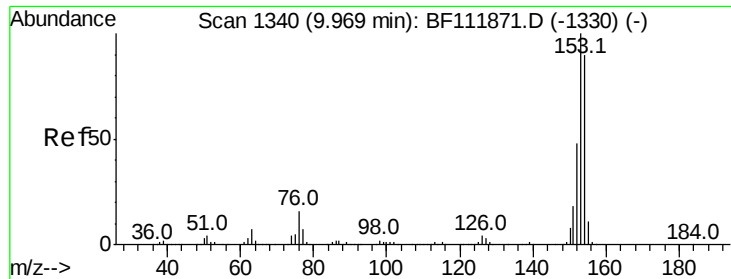


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 7.586 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

Instrument :

BNA_F

ClientSampleId :

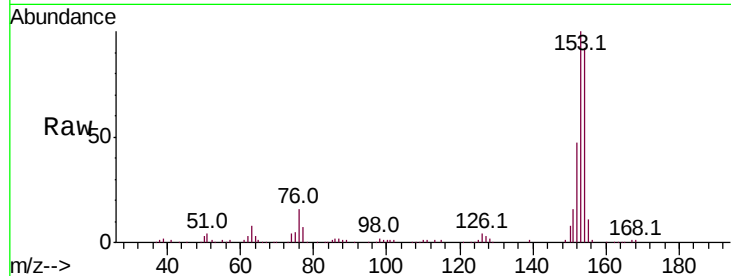
Tot Ion:154 Resp: 89976

Ion Ratio Lower Upper

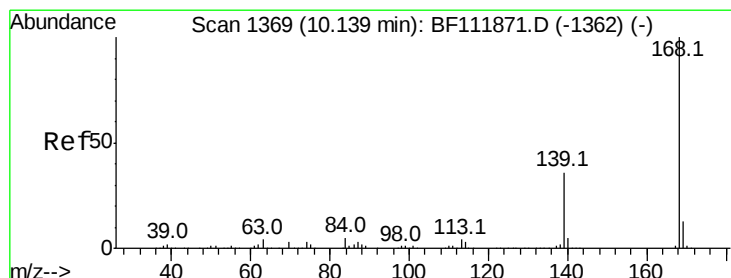
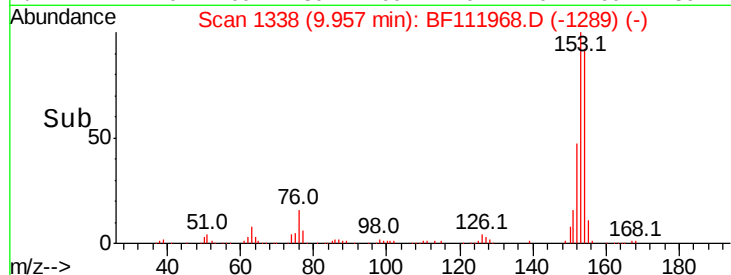
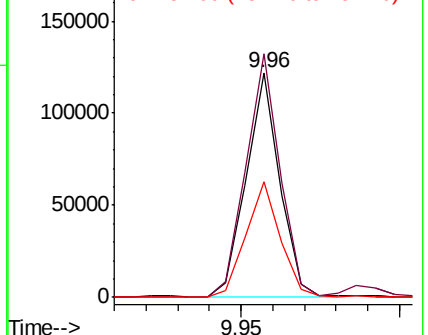
154 100

153 108.4 89.4 134.0

152 51.3 43.1 64.7



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: 3.747 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

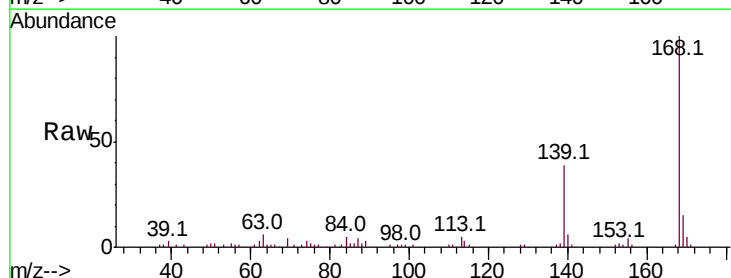
Tgt Ion:168 Resp: 64630

Ion Ratio Lower Upper

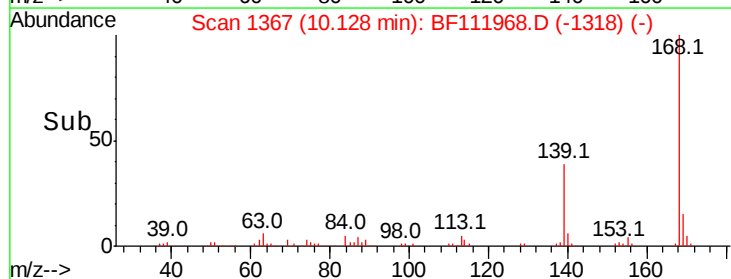
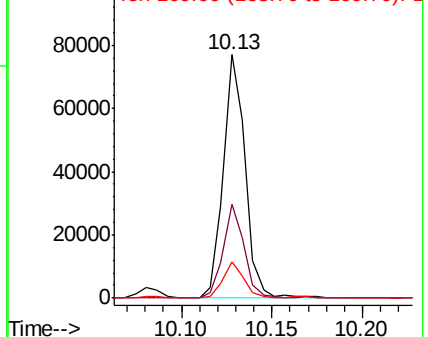
168 100

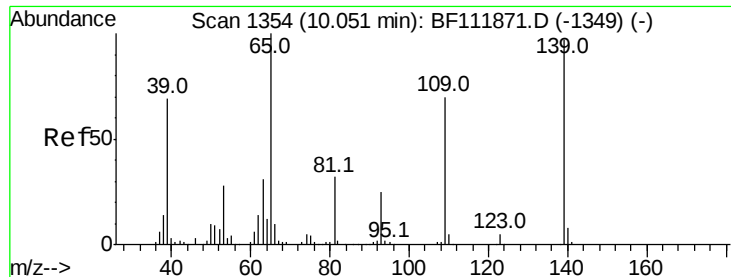
139 38.8 29.3 43.9

169 14.8 10.6 16.0



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

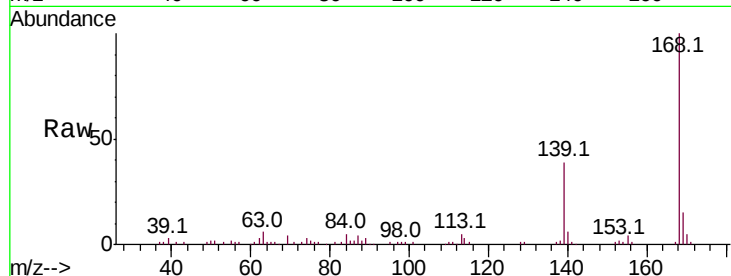




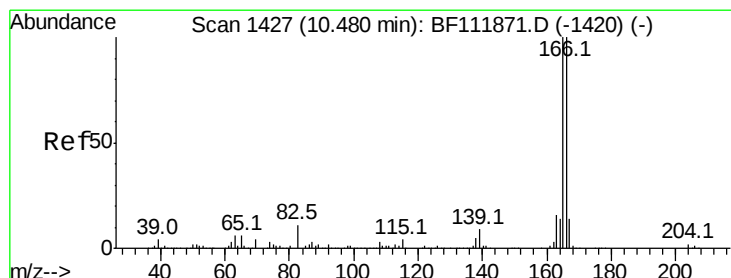
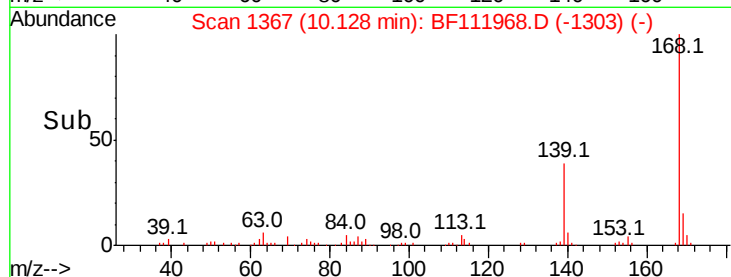
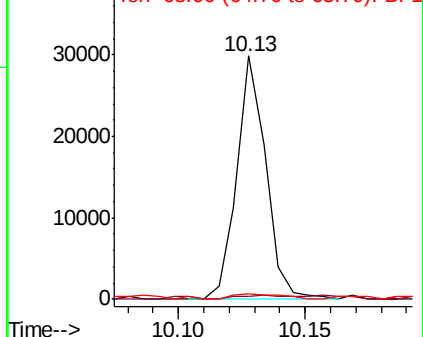
#56
4-Nitrophenol
Concen: 9.862 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.08 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 23764
Ion Ratio Lower Upper
139 100
109 1.3 52.2 92.2#
65 2.3 83.1 123.1#

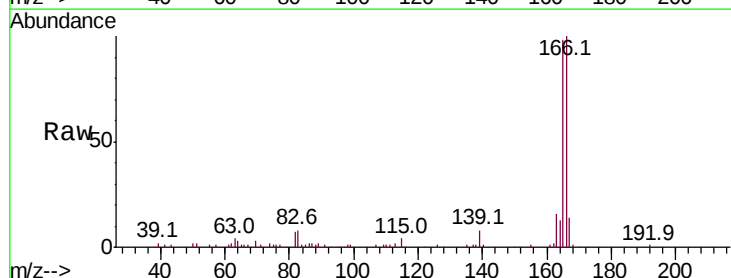


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

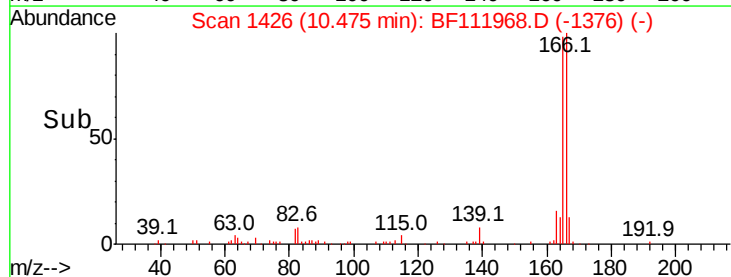
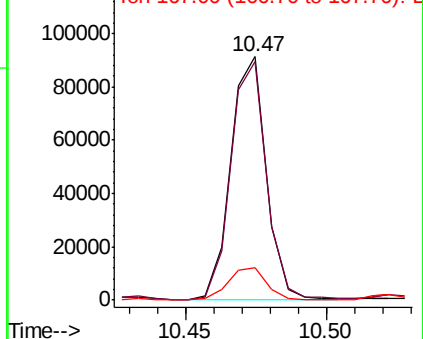


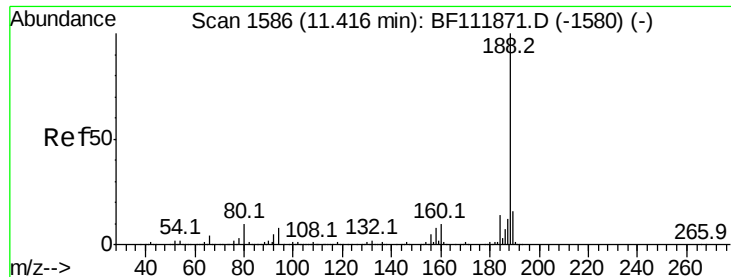
#58
Fluorene
Concen: 6.379 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion:166 Resp: 80062
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 13.5 11.1 16.7



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

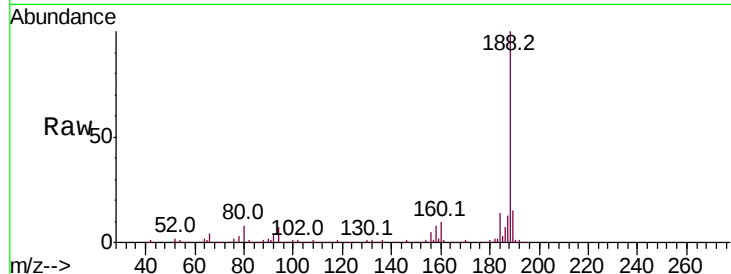




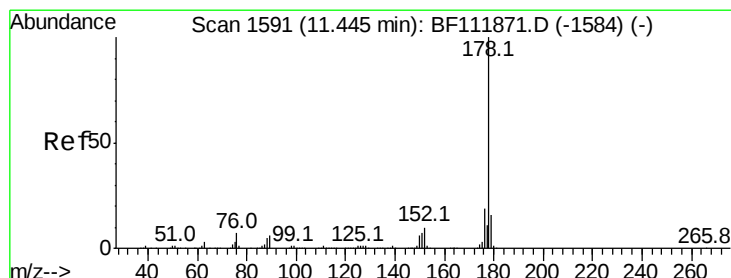
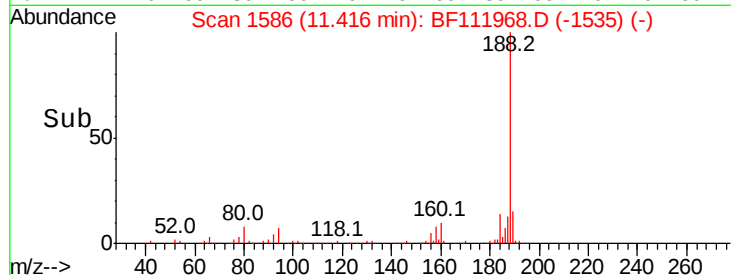
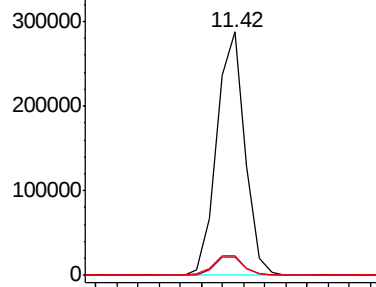
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 265618
Ion Ratio Lower Upper
188 100
94 7.5 6.6 10.0
80 8.0 7.7 11.5

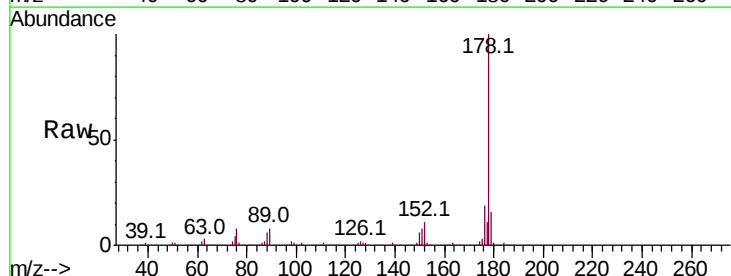


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

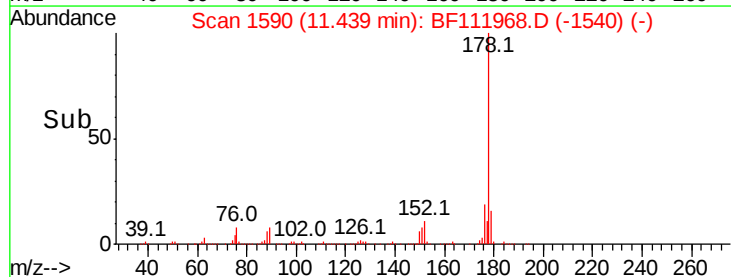
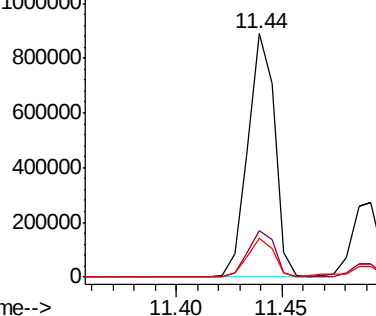


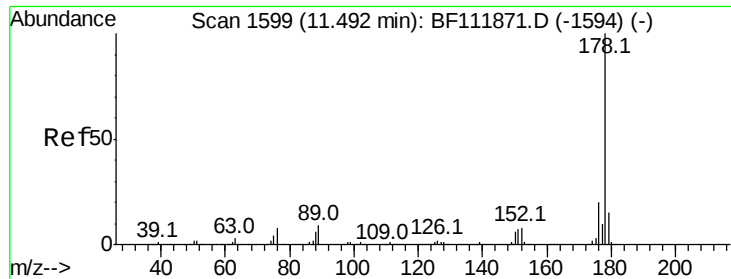
#71
Phenanthrene
Concen: 55.512 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion:178 Resp: 788341
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.7 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





#72

Anthracene

Concen: 16.700 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

Instrument :

BNA_F

ClientSampleId :

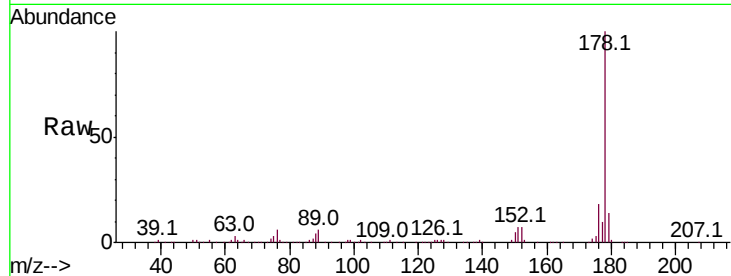
Tot Ion:178 Resp: 240754

Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

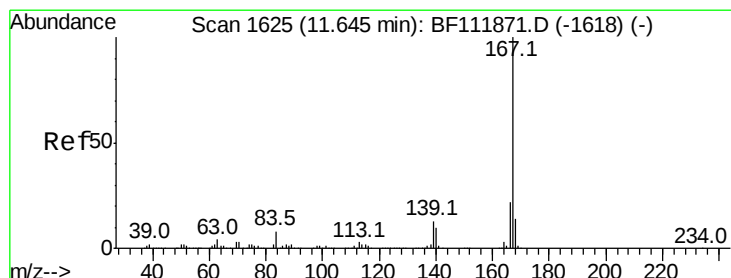
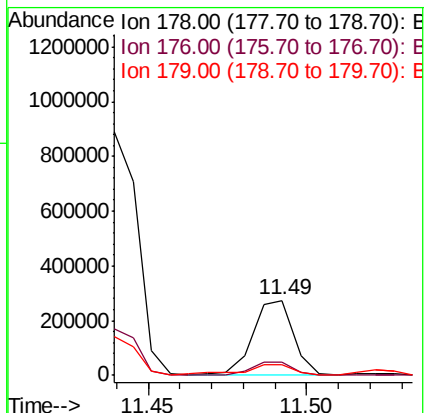
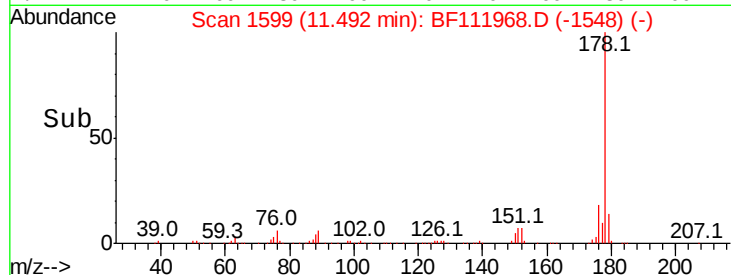
179 14.4 12.4 18.6



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: 6.305 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

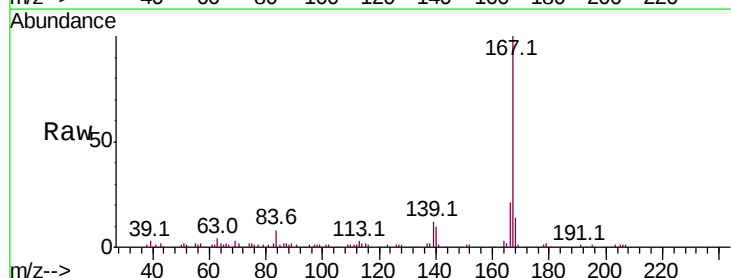
Tgt Ion:167 Resp: 88417

Ion Ratio Lower Upper

167 100

166 21.2 17.8 26.6

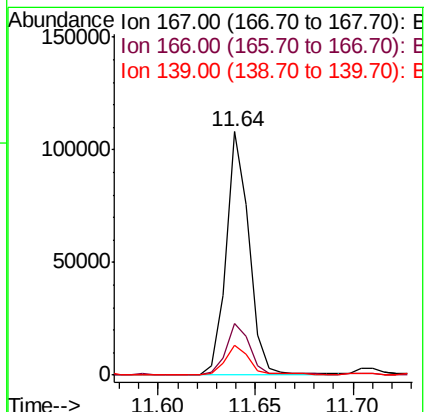
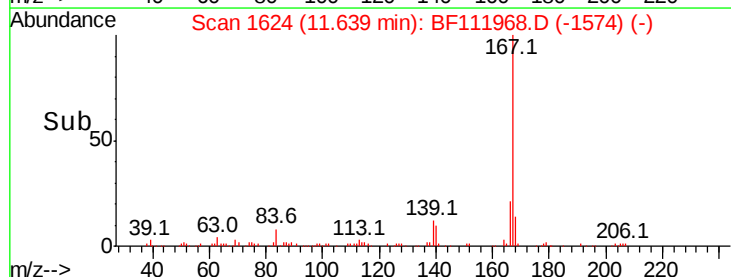
139 12.3 10.6 16.0

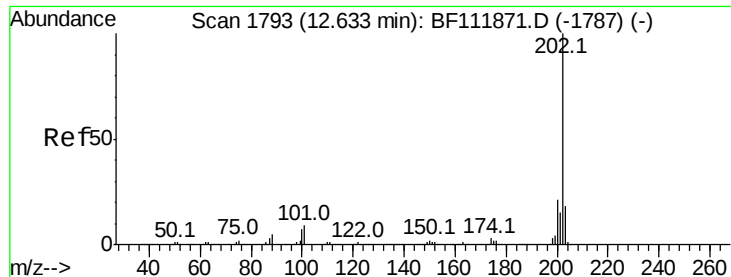


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 65.588 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

Instrument :

BNA_F

ClientSampled :

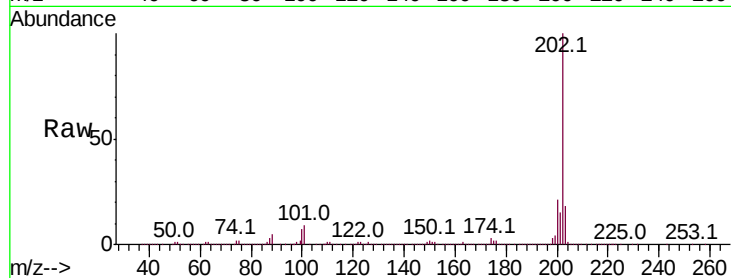
Tot Ion:202 Resp: 956197

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.3

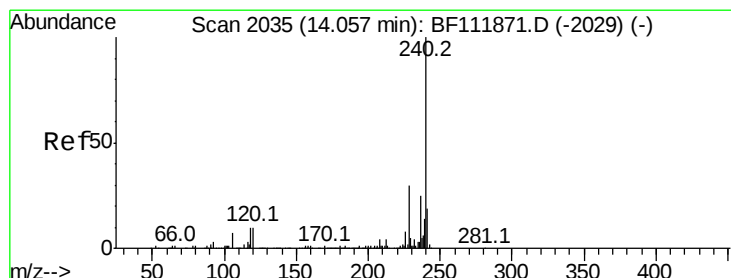
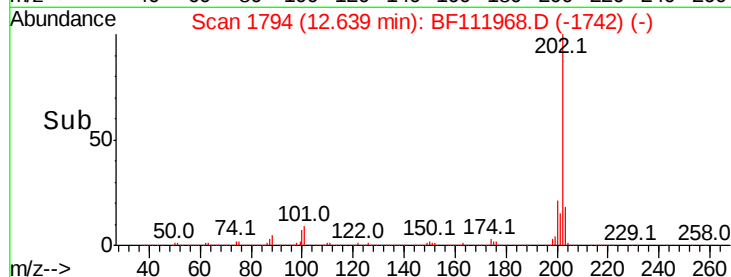
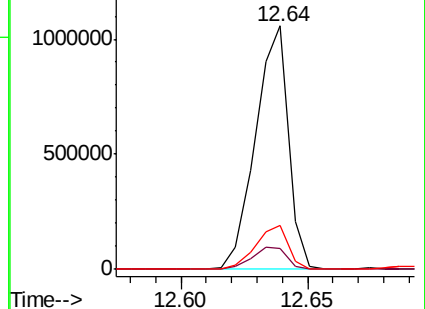
203 17.9 0.0 37.6



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: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

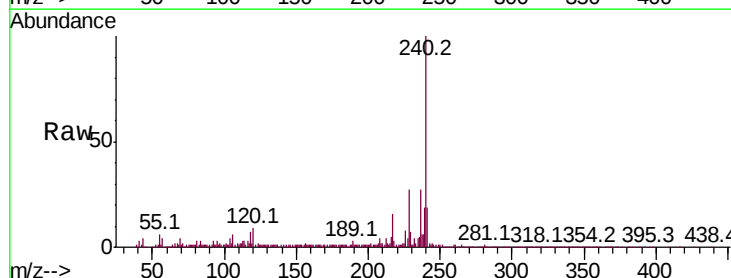
Tgt Ion:240 Resp: 250504

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

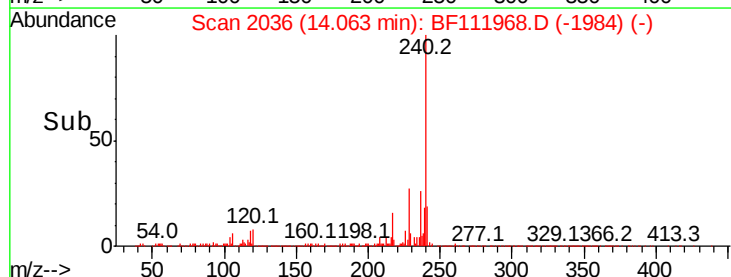
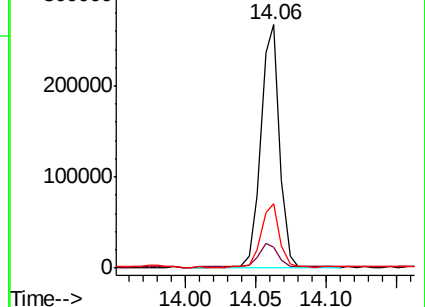
236 26.6 20.2 30.4

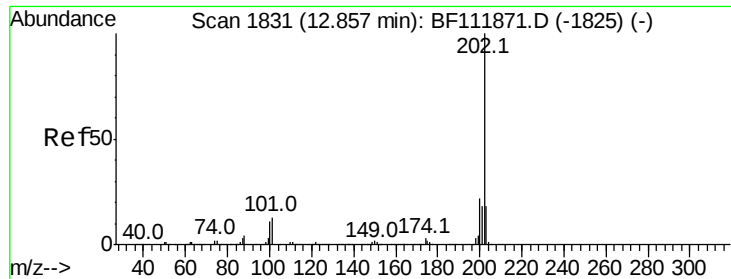


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

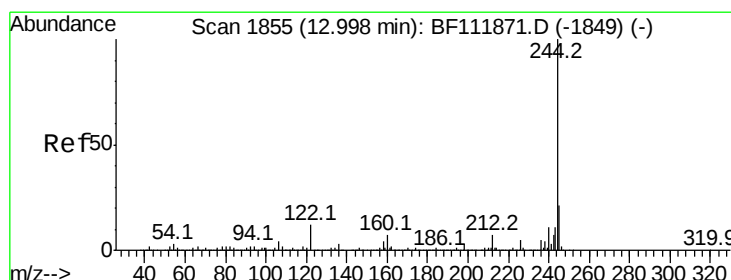
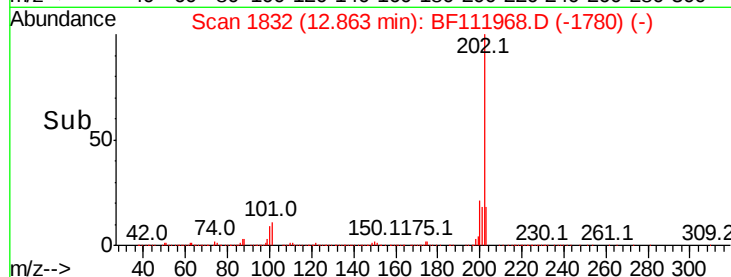
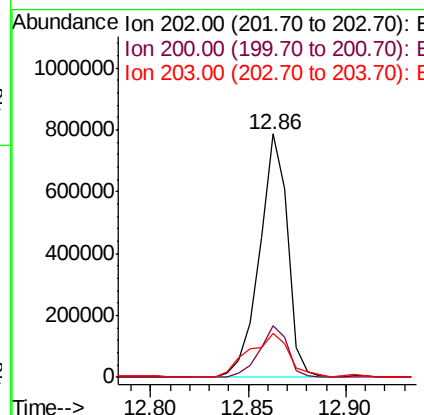
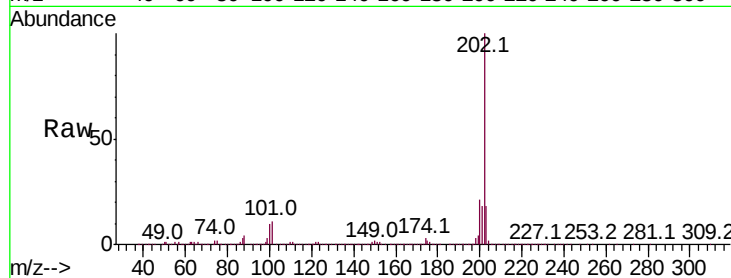




#78
Pvrene
Concen: 45.383 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

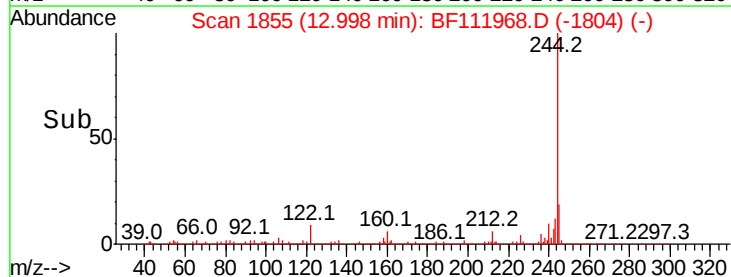
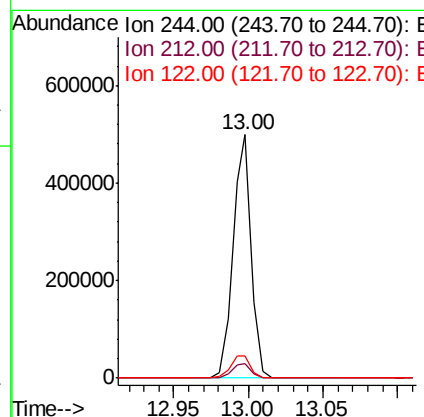
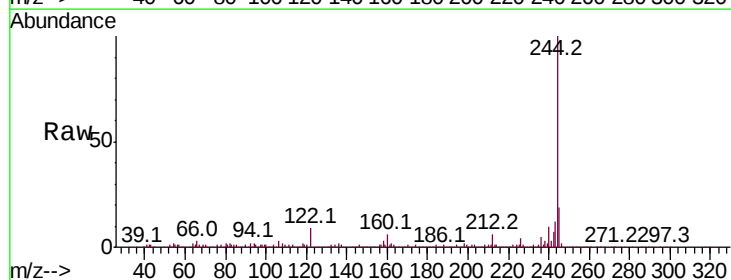
Instrument :
BNA_F
ClientSampleId :

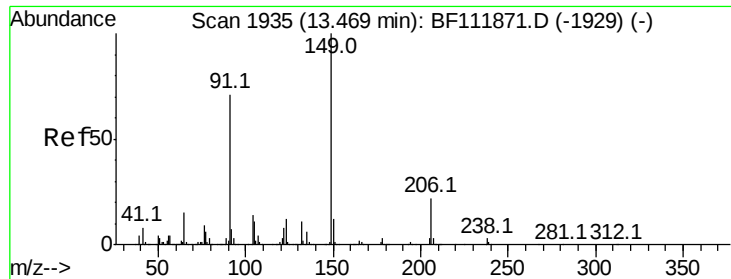
Tot Ion:202 Resp: 782234
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.8 14.6 21.8



#79
Terphenyl-d14
Concen: 32.417 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion:244 Resp: 427802
Ion Ratio Lower Upper
244 100
212 6.2 5.8 8.8
122 8.9 9.5 14.3#

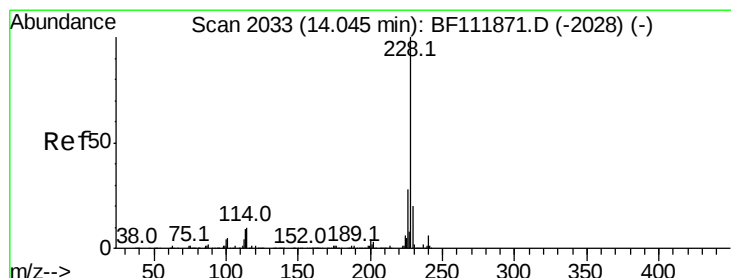
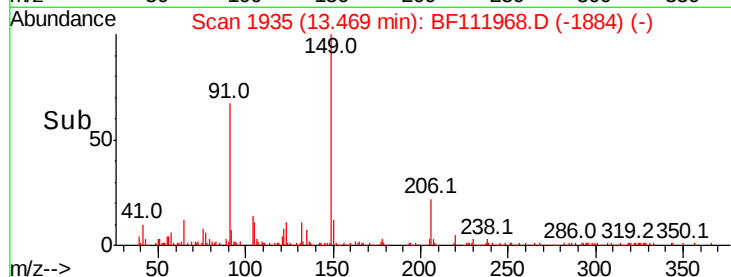
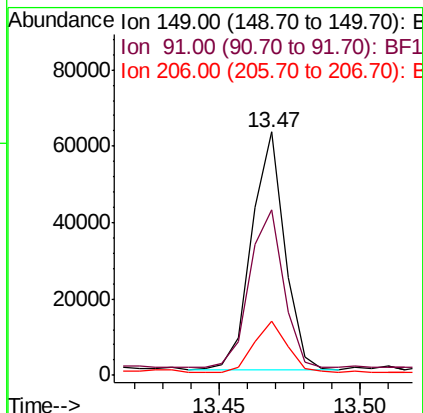
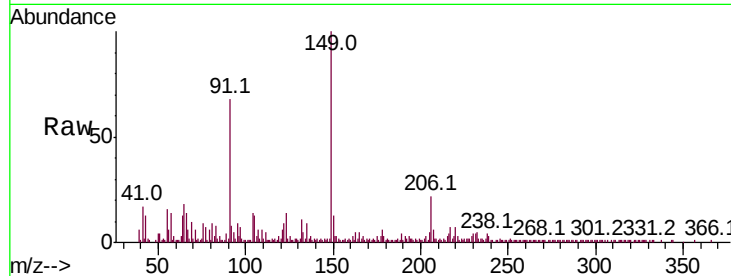




#80
Butylbenzylphthalate
Concen: 6.939 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

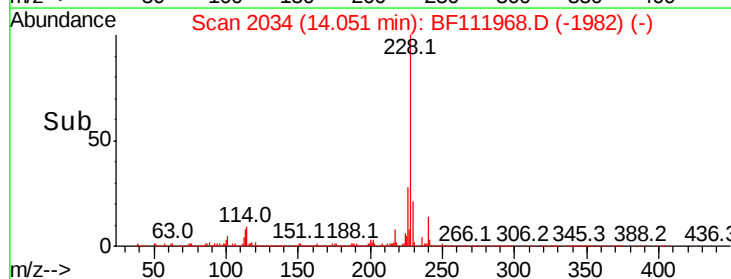
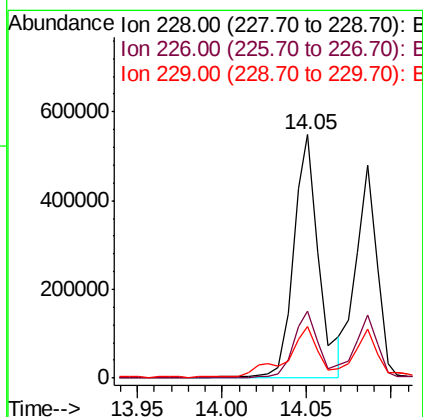
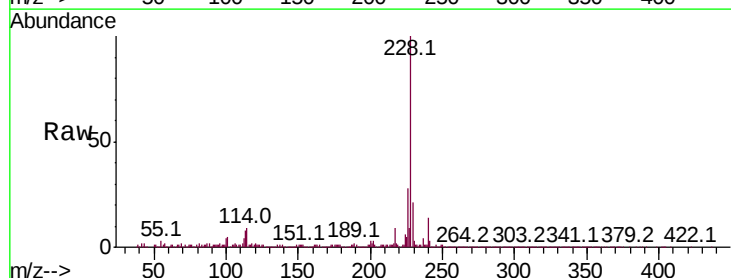
Instrument :
BNA_F
ClientSampleId :

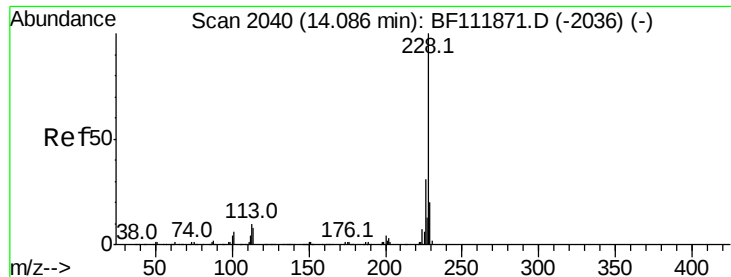
Tot Ion:149 Resp: 50564
Ion Ratio Lower Upper
149 100
91 68.0 57.2 85.8
206 22.2 17.3 25.9



#81
Benzo(a)anthracene
Concen: 39.412 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion:228 Resp: 568196
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 21.1 16.2 24.2



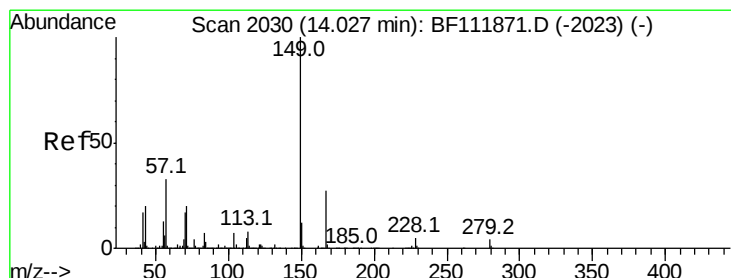
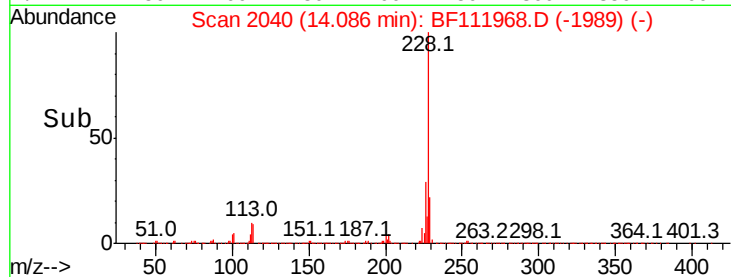
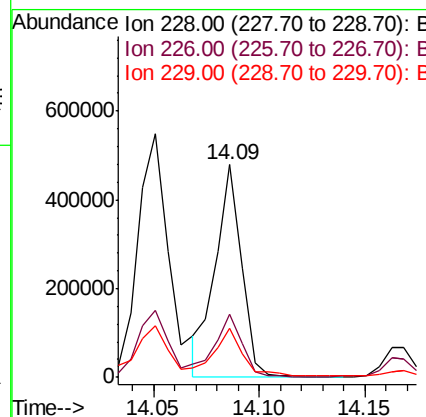
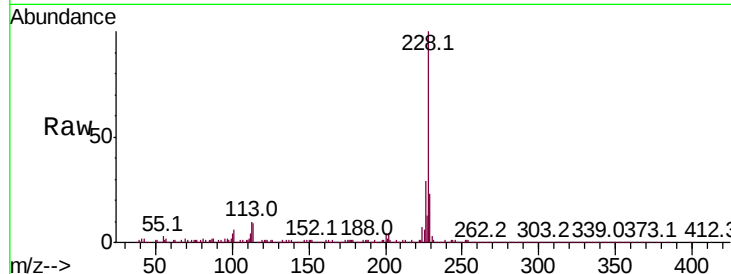


#83
 Chrysene
 Concen: 30.220 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF111968.D
 Acq: 9 Jan 2019 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 415406

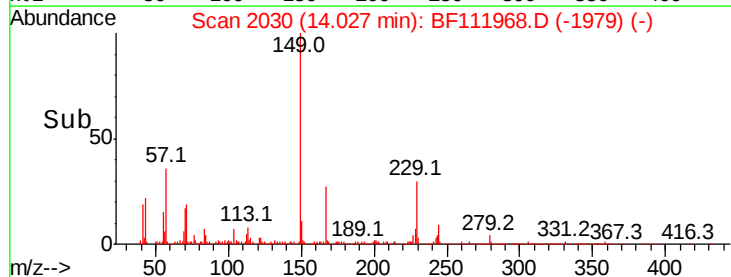
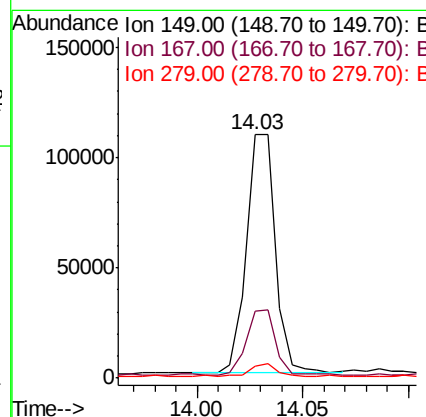
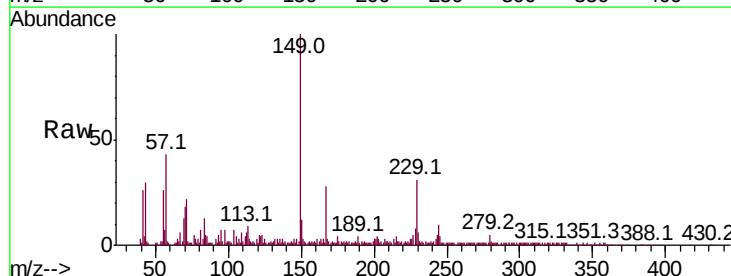
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	23.0	15.7	23.5

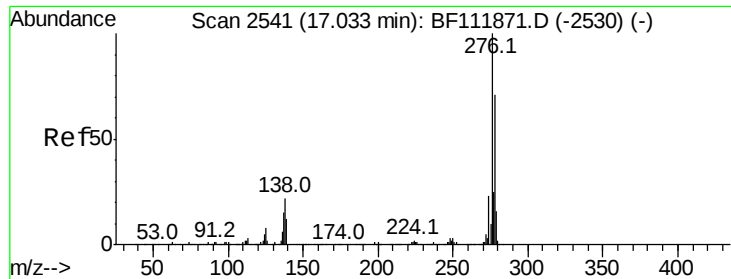


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.720 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF111968.D
 Acq: 9 Jan 2019 23:48

Tgt Ion:149 Resp: 102593

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	4.8	3.0	4.6

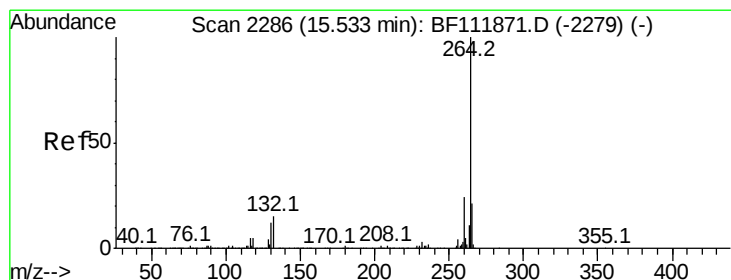
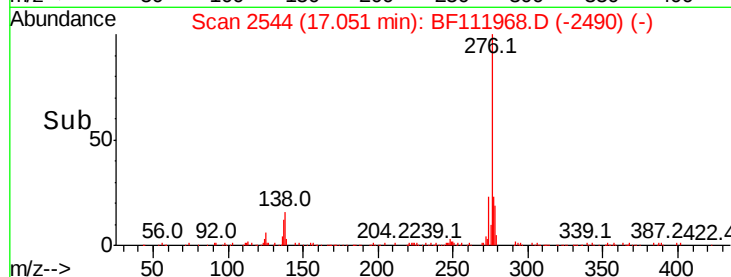
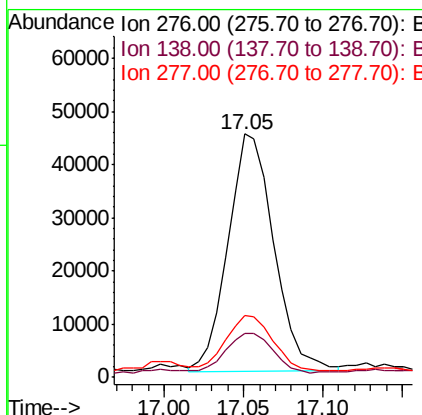
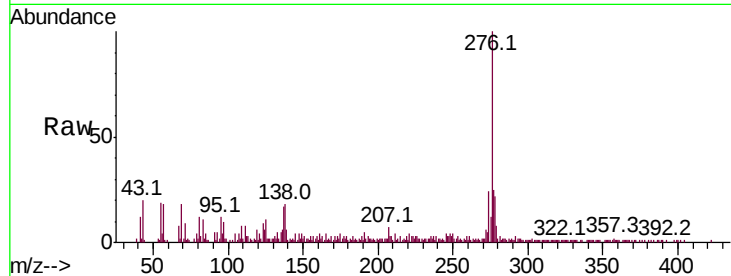




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.944 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.02 min
 Lab File: BF111968.D
 Acq: 9 Jan 2019 23:48

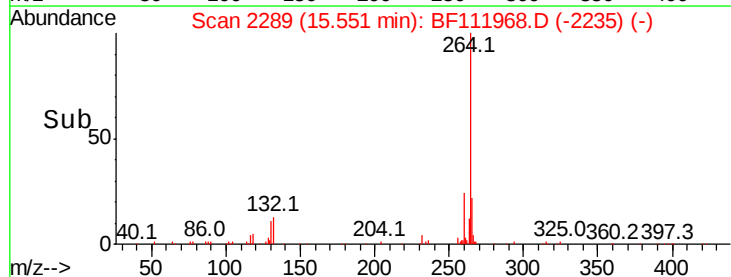
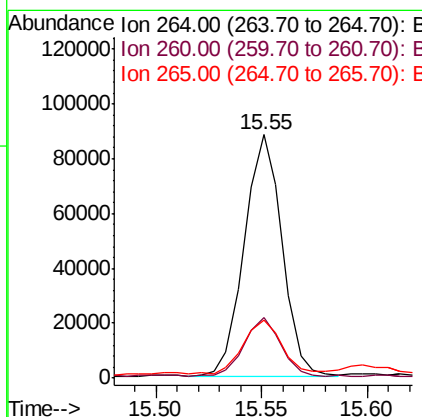
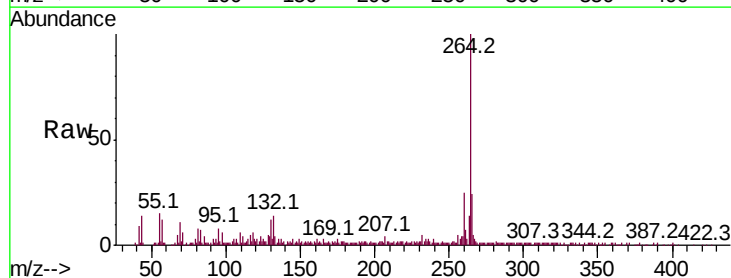
Instrument :
 BNA_F
 ClientSampleId :

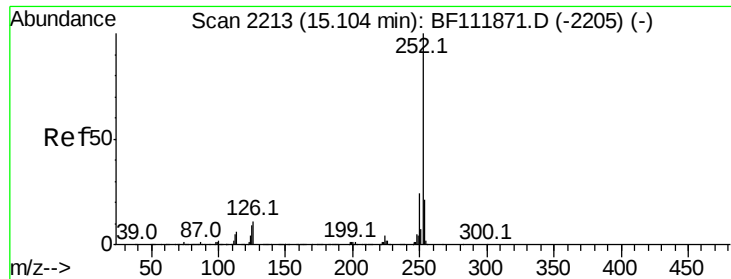
Tot Ion:276 Resp: 89630
 Ion Ratio Lower Upper
 276 100
 138 17.3 18.1 27.1#
 277 23.9 19.9 29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.02 min
 Lab File: BF111968.D
 Acq: 9 Jan 2019 23:48

Tgt Ion:264 Resp: 109209
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 23.7 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 87.540 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

Instrument :

BNA_F

ClientSampleId :

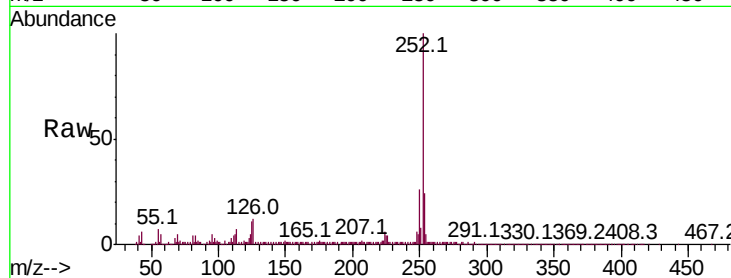
Tot Ion:252 Resp: 571879

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

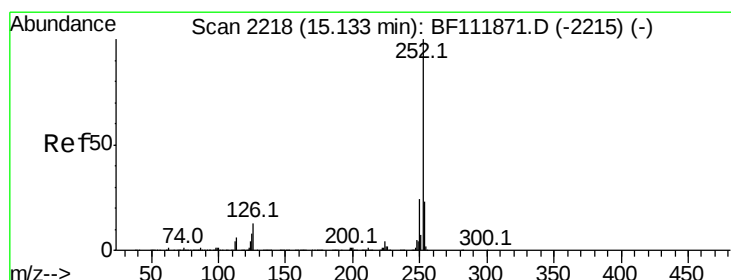
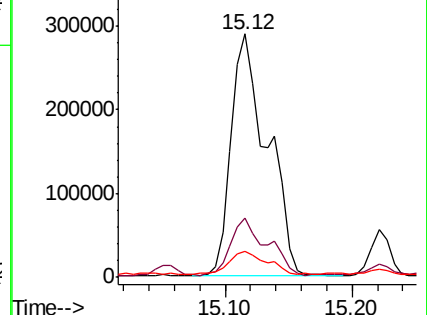
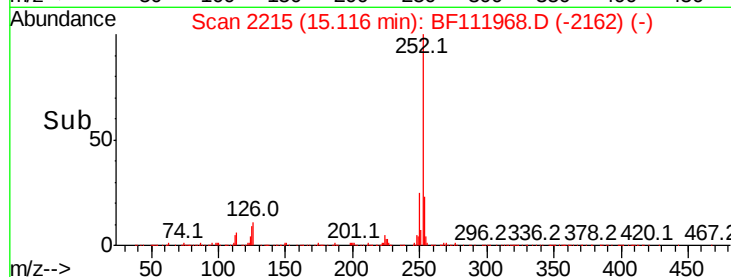
125 10.6 7.1 10.7



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: 93.129 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF111968.D

Acq: 9 Jan 2019 23:48

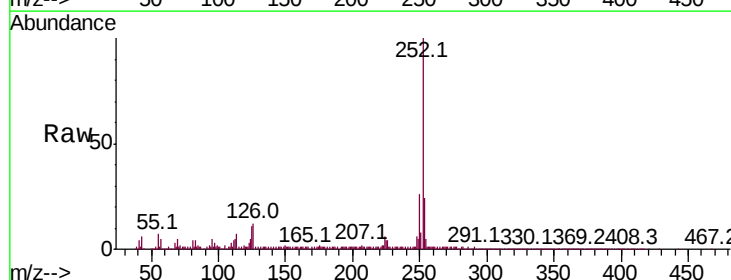
Tgt Ion:252 Resp: 571879

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

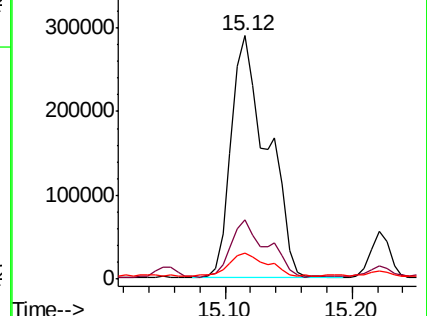
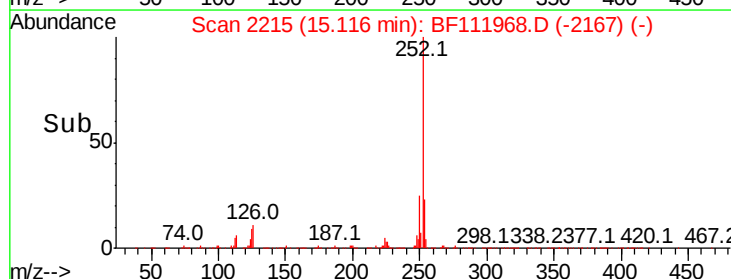
125 10.6 7.0 10.4#

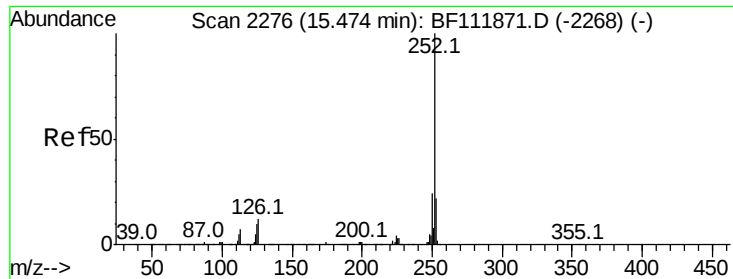


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

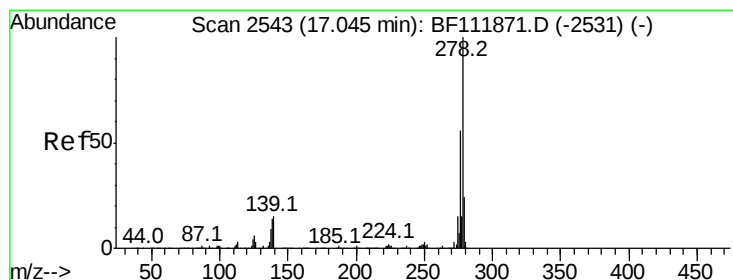
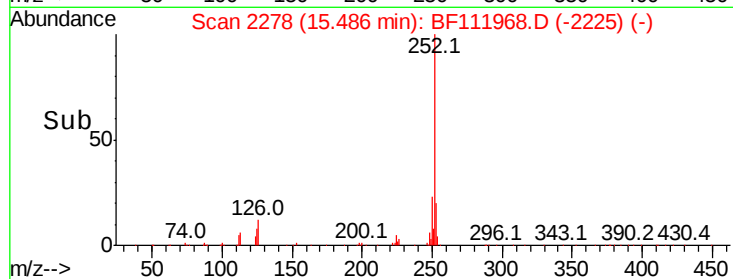
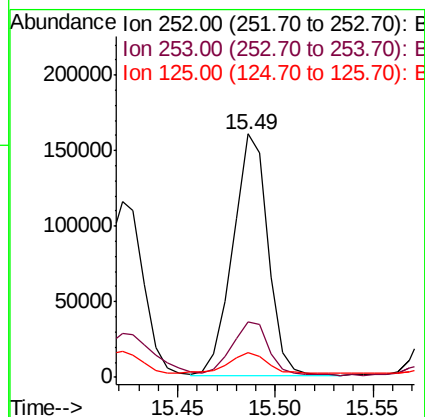
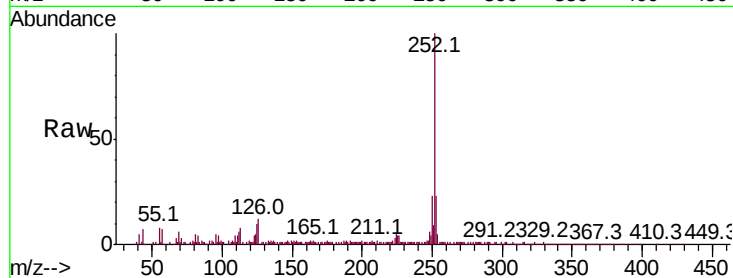




#90
Benzo(a)pyrene
Concen: 34.655 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

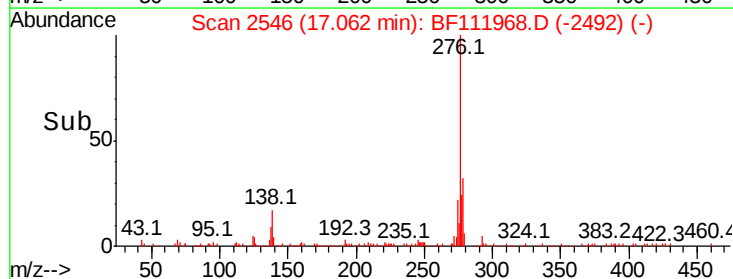
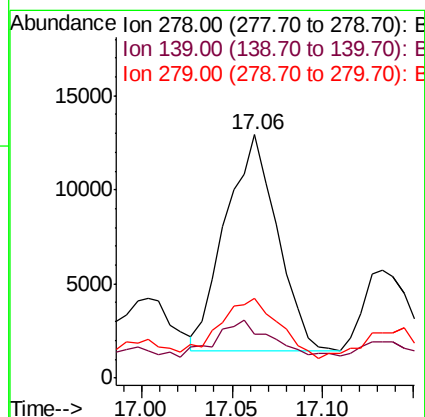
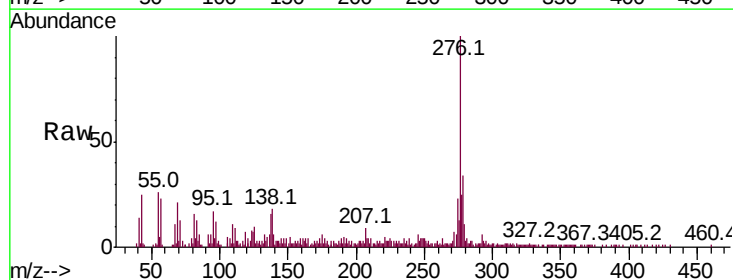
Instrument :
BNA_F
ClientSampleId :

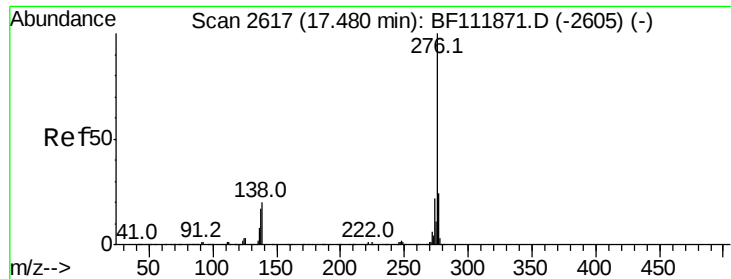
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.2	7.9	11.9



#91
Dibenzo(a,h)anthracene
Concen: 4.931 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF111968.D
Acq: 9 Jan 2019 23:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	11.8	17.6#
279	32.6	19.4	29.2#

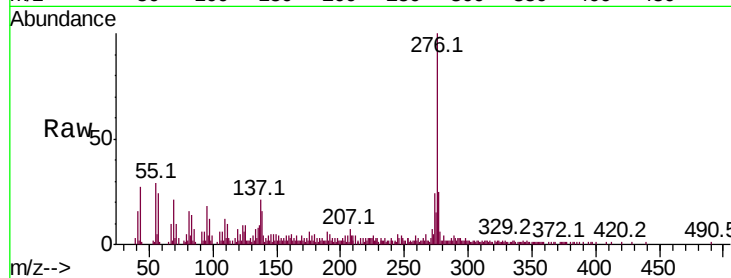




#92
 Benzo(a,h,i)perylene
 Concen: 17.338 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.04 min
 Lab File: BF111968.D
 Acq: 9 Jan 2019 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.6
138	16.2	16.2	24.2



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

