

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113166.D
 Acq On : 20 Mar 2019 12:50
 Operator : JU/SJ
 Sample : K1971-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 08:56:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117881	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	493690	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	208008	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	435613	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	317045	20.00	ng	0.00
87) Perylene-d12	15.27	264	339796	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	912189	120.37	ng	-0.01
7) Phenol-d6	6.37	99	1110428	116.65	ng	0.00
23) Nitrobenzene-d5	7.28	82	731700	88.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	341573	154.68	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1284187	111.20	ng	-0.01
79) Terphenyl-d14	12.82	244	1158159	70.81	ng	0.00

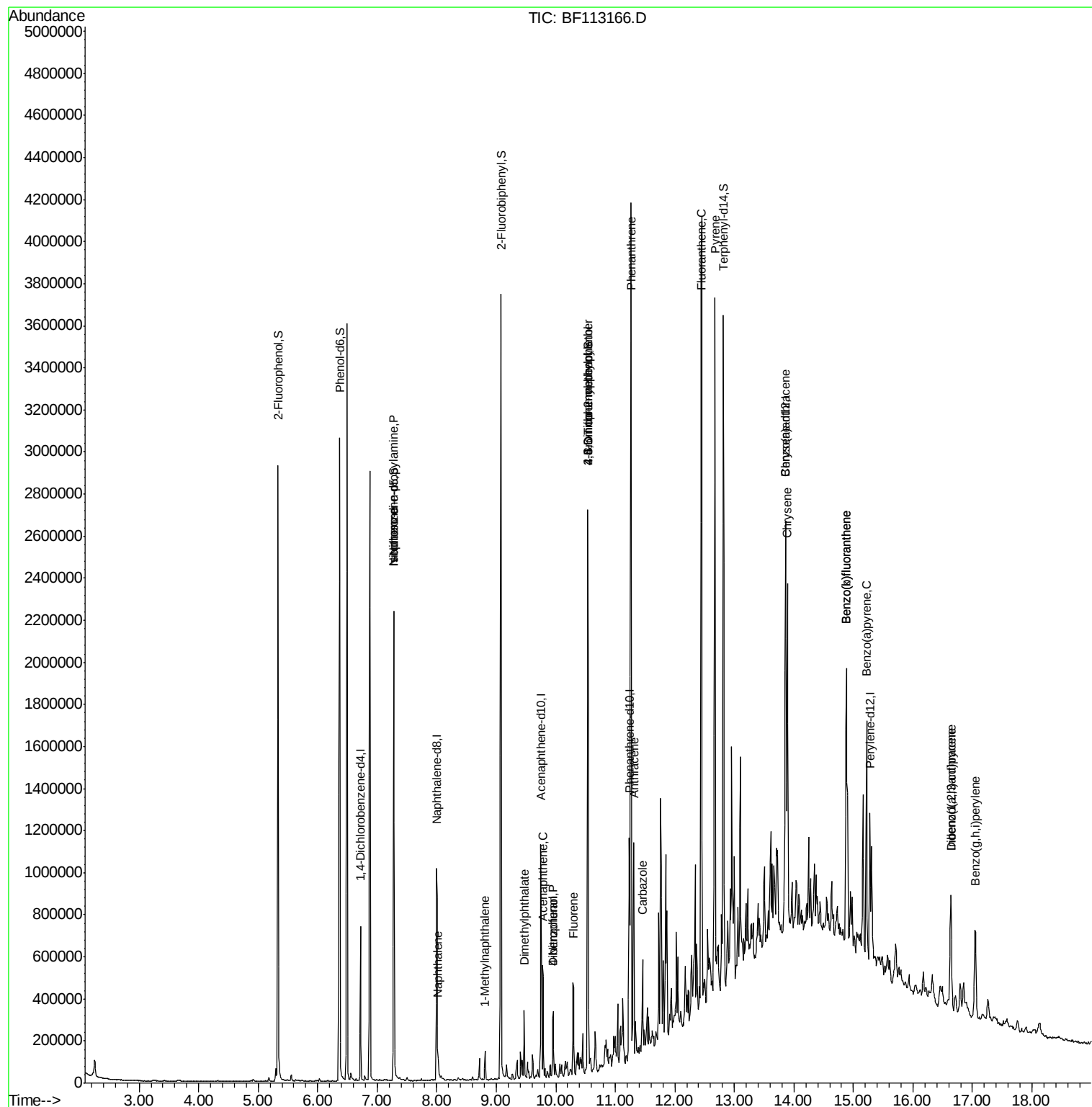
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.28	70	96733	16.045	ng	# 76
25) Isophorone	7.28	82	731695	41.166	ng	# 66
31) Naphthalene	8.02	128	66831	2.727	ng	97
38) 1-Methylnaphthalene	8.81	142	36952	2.410	ng	99
50) Dimethylphthalate	9.47	163	120336	7.846	ng	99
52) Acenaphthene	9.78	154	116402	8.850	ng	99
55) Dibenzofuran	9.96	168	106869	5.591	ng	94
56) 4-Nitrophenol	9.96	139	38333	12.119	ng	# 8
58) Fluorene	10.30	166	121306	8.941	ng	99
65) 4,6-Dinitro-2-methylphenol	10.54	198	719	4.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	19578	4.267	ng	# 1
71) Phenanthrene	11.26	178	1637786	75.566	ng	100
72) Anthracene	11.31	178	422383	18.617	ng	98
73) Carbazole	11.46	167	173423	7.836	ng	98
75) Fluoranthene	12.45	202	1815206	78.172	ng	96
78) Pyrene	12.67	202	1586081	59.342	ng	99
81) Benzo(a)anthracene	13.86	228	778046	35.409	ng	98
83) Chrysene	13.89	228	635951	29.547	ng	96
86) Indeno(1,2,3-cd)pyrene	16.64	276	365815	19.936	ng	# 89
88) Benzo(b)fluoranthene	14.88	252	985491	44.838	ng	98
89) Benzo(k)fluoranthene	14.88	252	985491	49.501	ng	99
90) Benzo(a)pyrene	15.22	252	572134	29.430	ng	97
91) Dibenzo(a,h)anthracene	16.64	278	107147	6.459	ng	95
92) Benzo(g,h,i)perylene	17.04	276	342659	20.571	ng	96

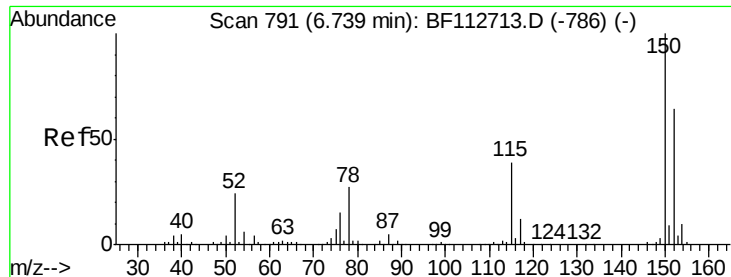
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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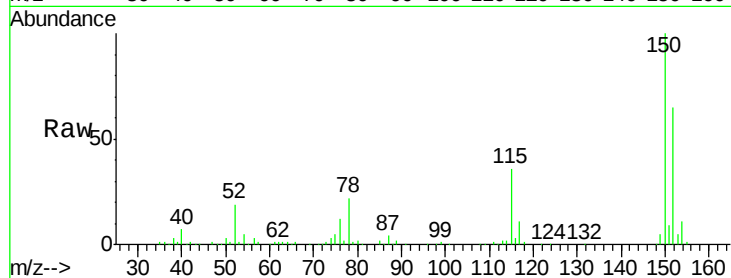


#1

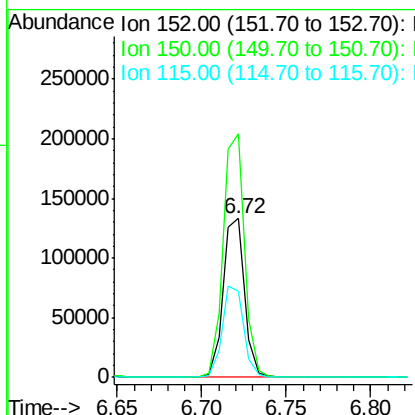
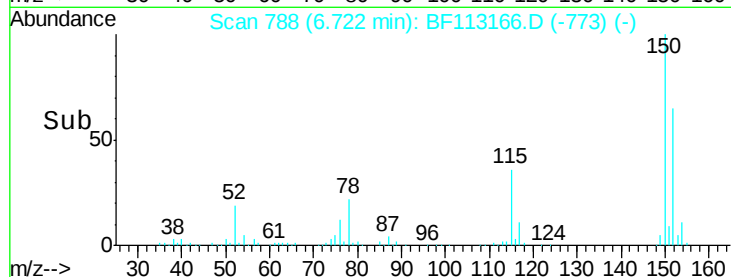
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 117881
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.2 186.2
 115 54.5 48.2 72.4



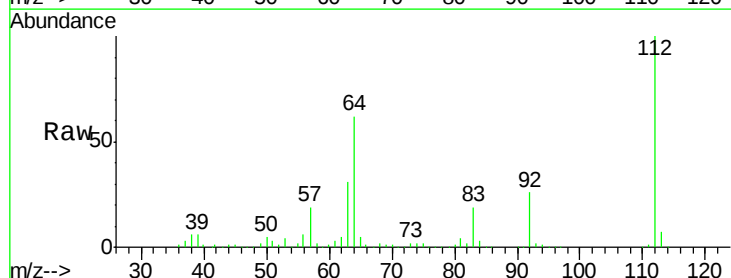
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



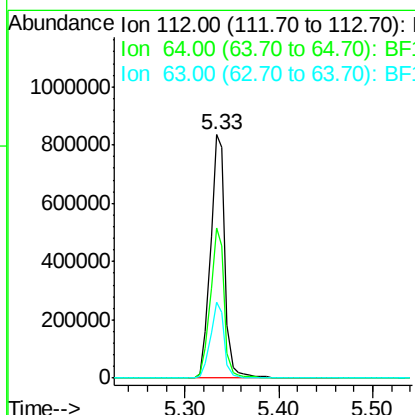
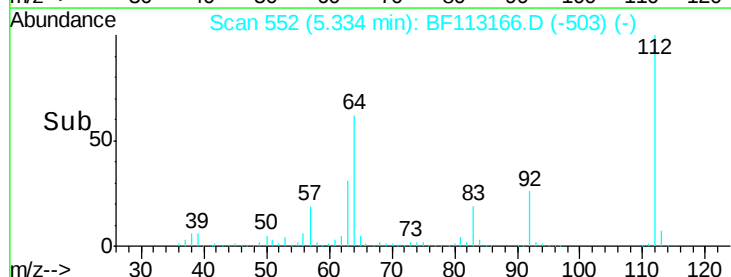
#5

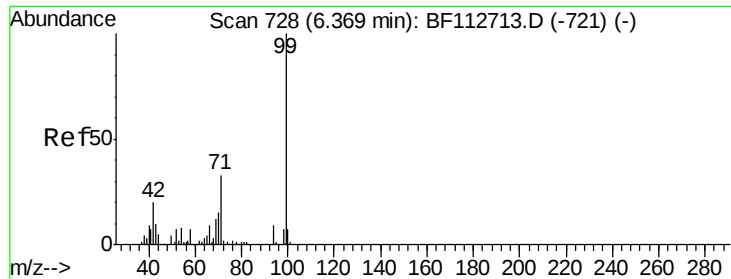
2-Fluorophenol
 Concen: 120.371 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:112 Resp: 912189
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.6 71.4
 63 31.2 24.4 36.6



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: 116.649 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampled :

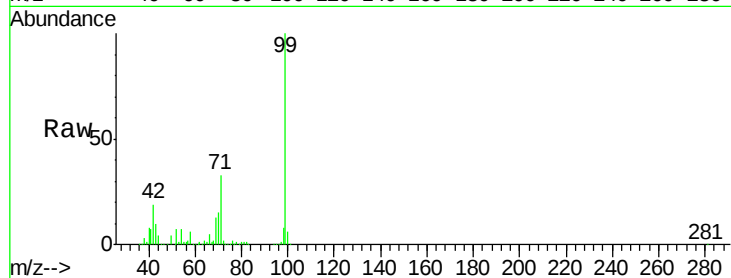
Tot Ion: 99 Resp: 1110428

Ion Ratio Lower Upper

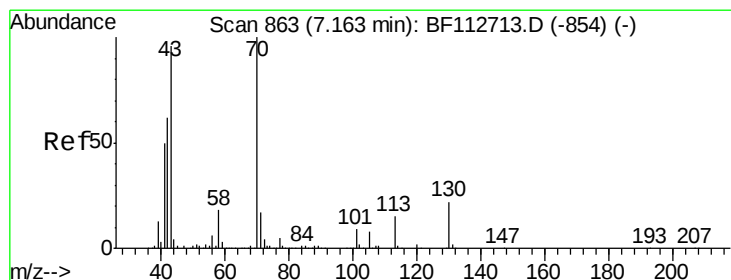
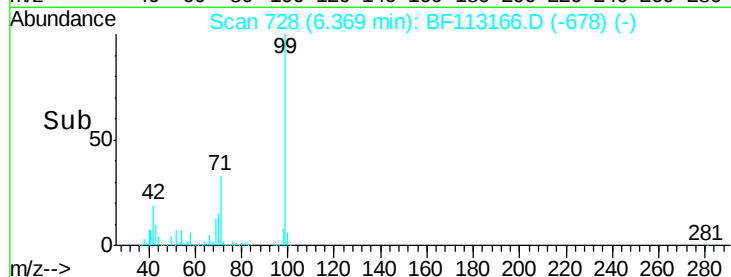
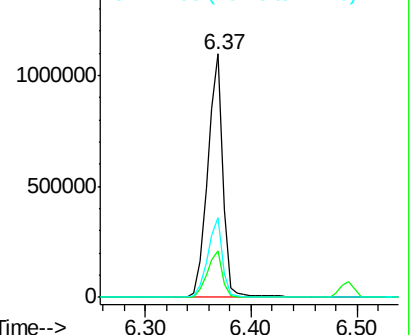
99 100

42 18.9 16.3 24.5

71 32.7 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.045 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Tgt Ion: 70 Resp: 96733

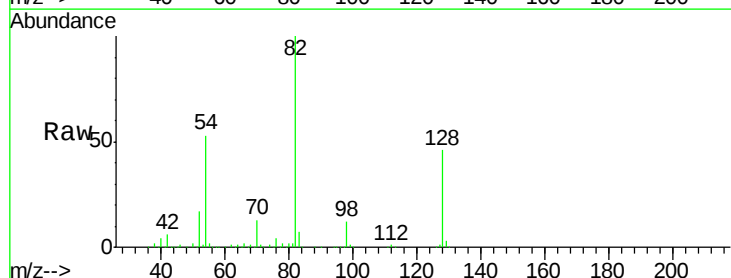
Ion Ratio Lower Upper

70 100

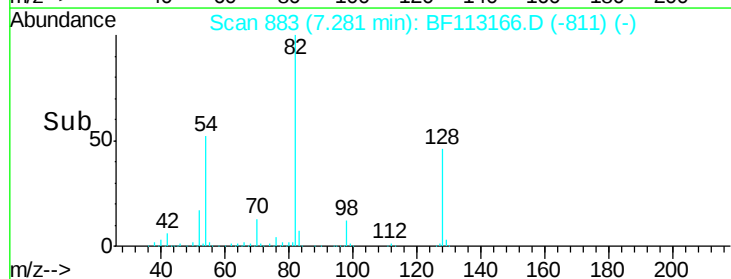
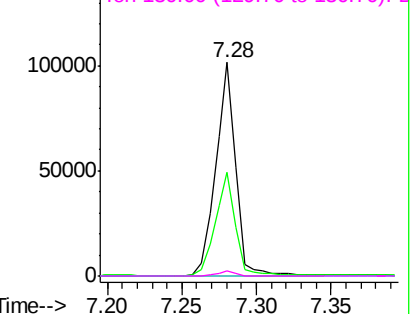
42 48.8 49.9 74.9#

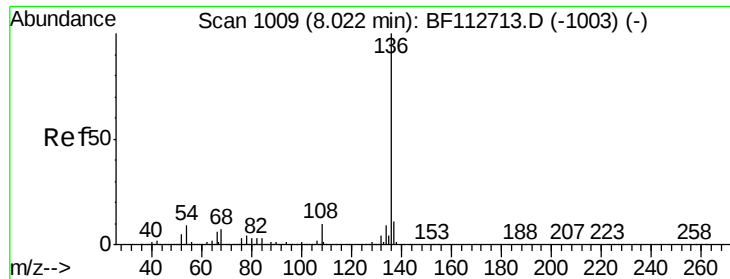
101 0.0 7.4 11.2#

130 2.6 17.4 26.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

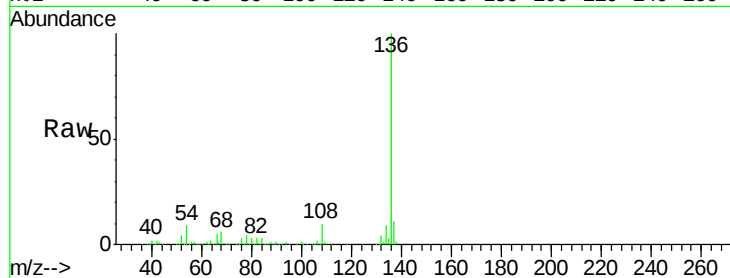




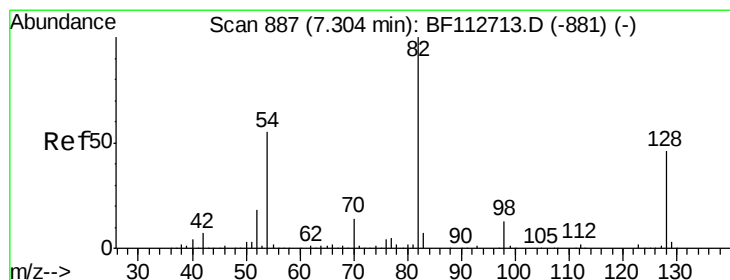
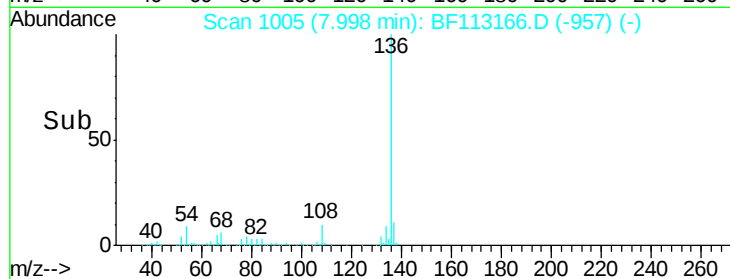
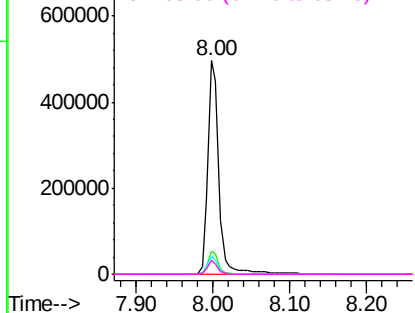
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	493690
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.6	7.3 10.9
68	6.5	5.4 8.2

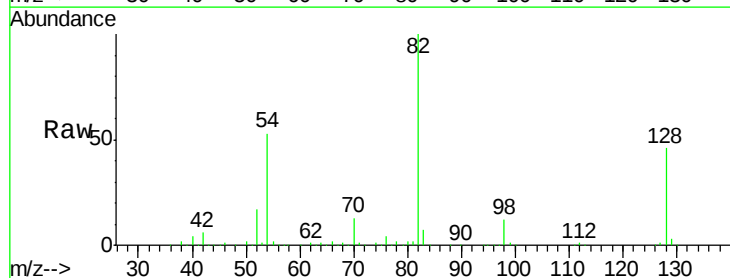


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

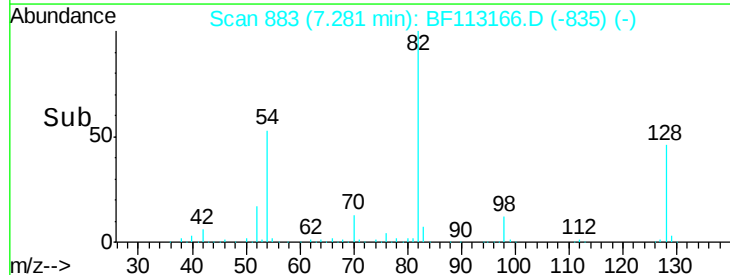
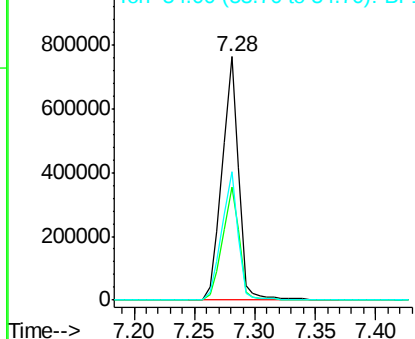


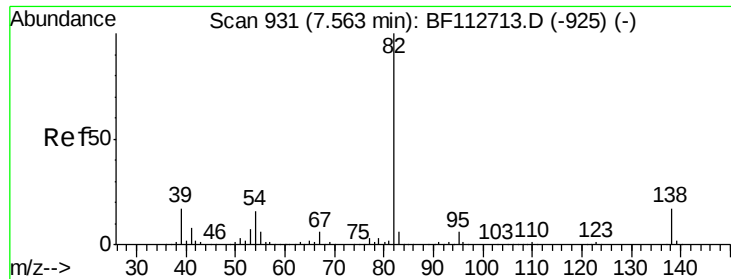
#23
Nitrobenzene-d5
Concen: 88.686 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion: 82	Resp:	731700
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.3 54.5
54	52.5	43.7 65.5



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





#25

Isophorone

Concen: 41.166 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampleId :

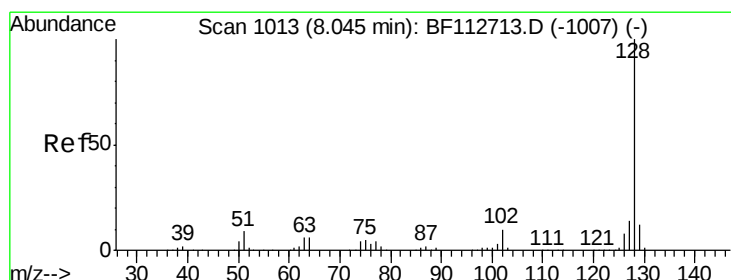
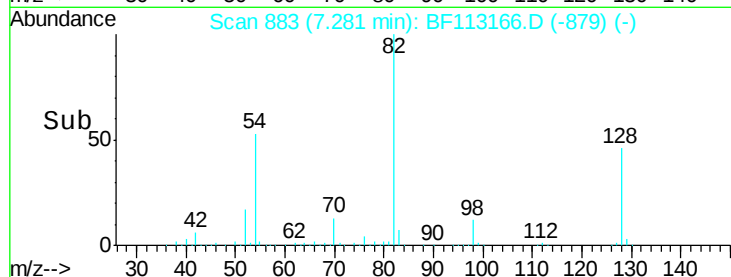
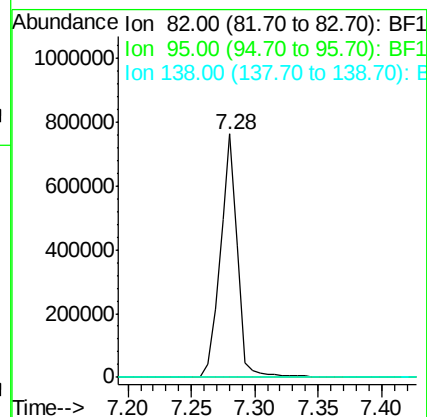
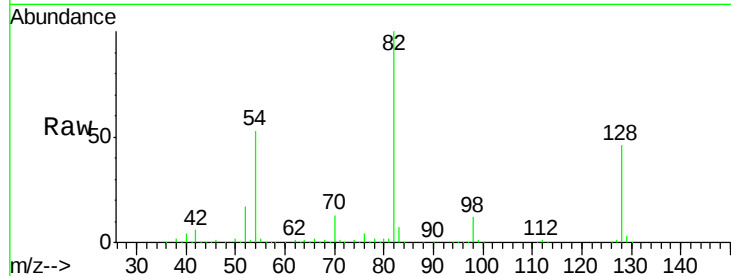
Tot Ion: 82 Resp: 731695

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#31

Naphthalene

Concen: 2.727 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

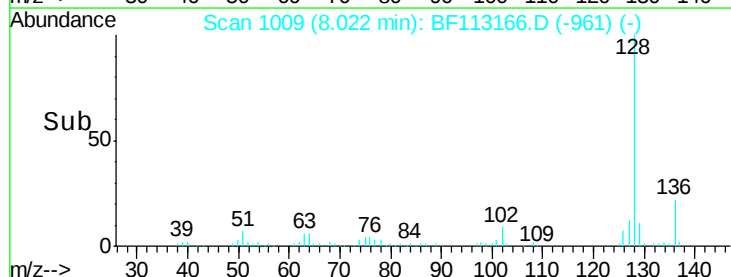
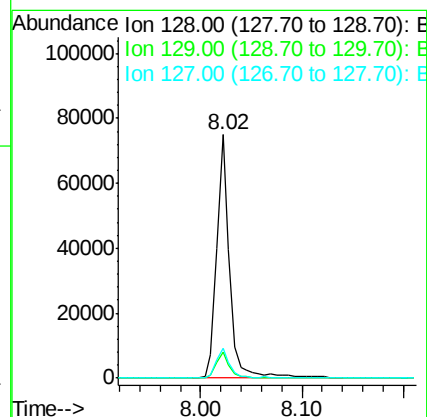
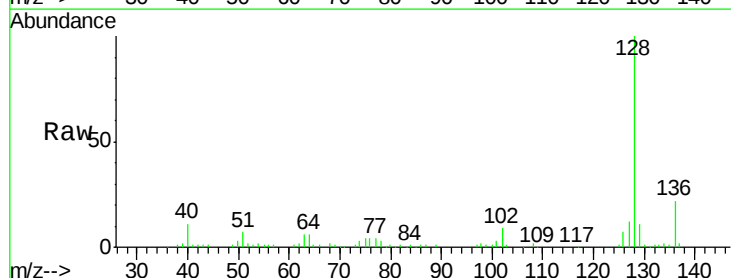
Tgt Ion: 128 Resp: 66831

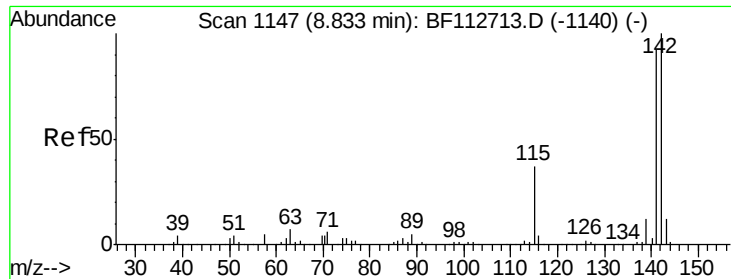
Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

127 12.0 10.9 16.3

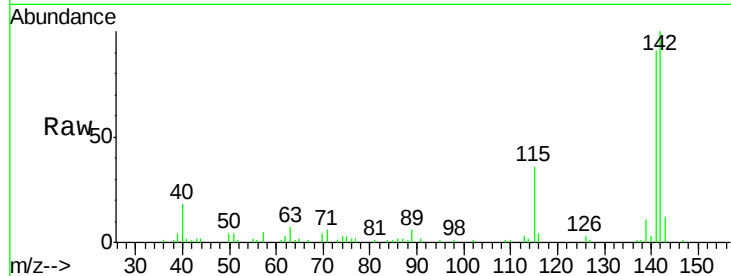




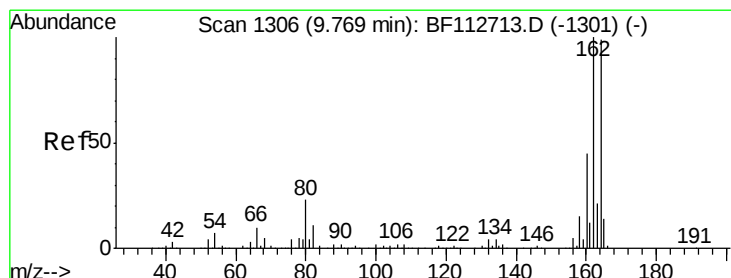
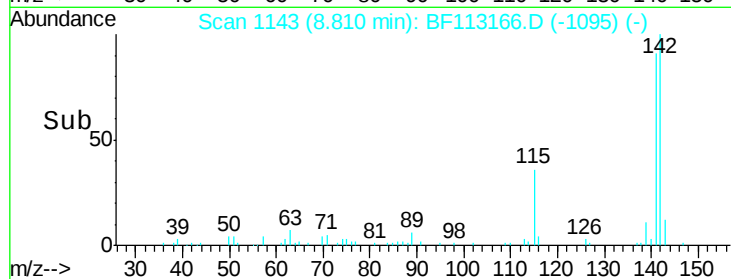
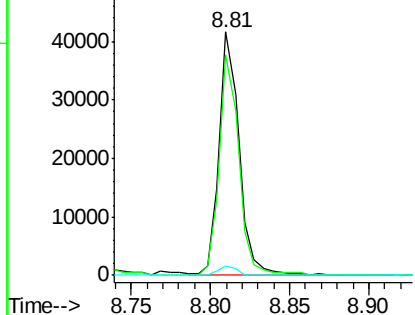
#38
1-Methylnaphthalene
Concen: 2.410 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 36952
Ion Ratio Lower Upper
142 100
141 90.7 73.7 110.5
116 3.8 3.1 4.7

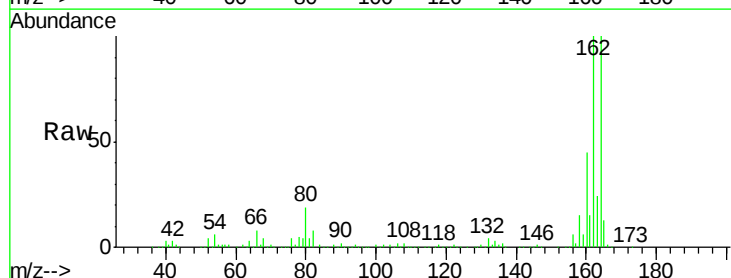


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

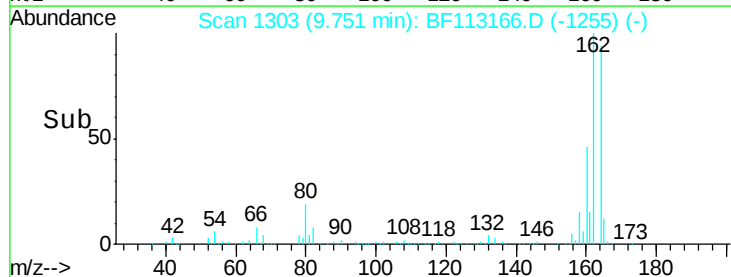
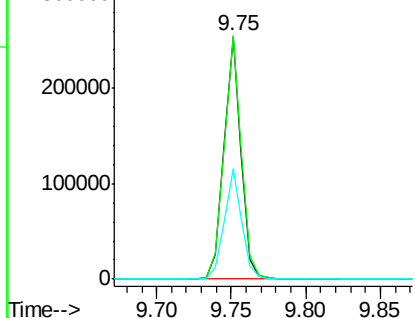


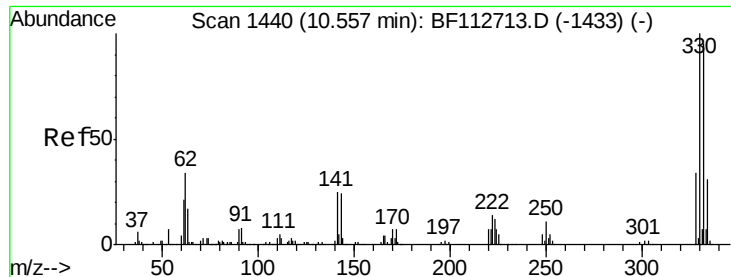
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion:164 Resp: 208008
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 45.6 36.0 54.0



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

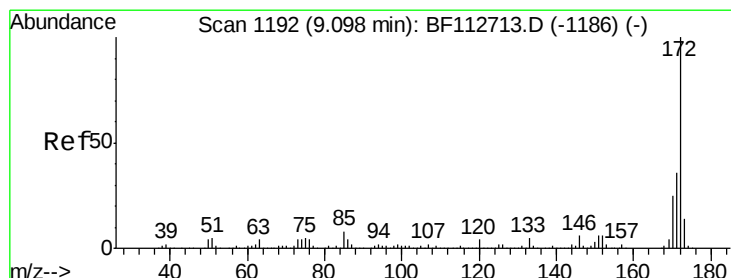
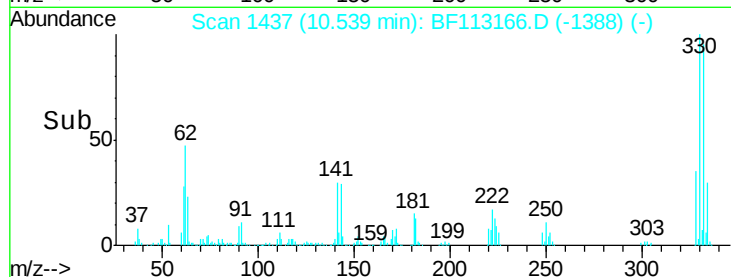
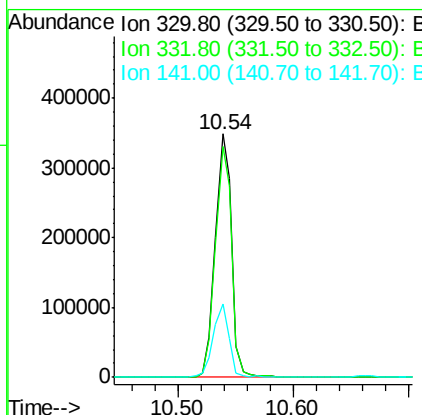
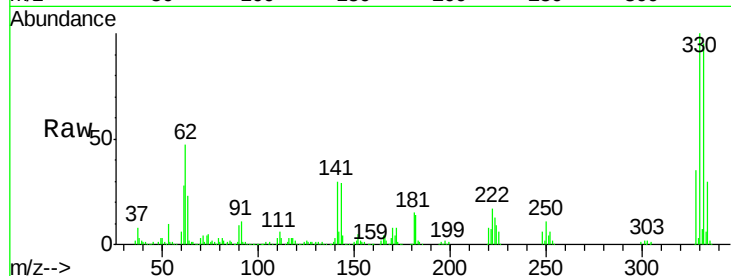




#42
 2,4,6-Tribromophenol
 Concen: 154.679 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

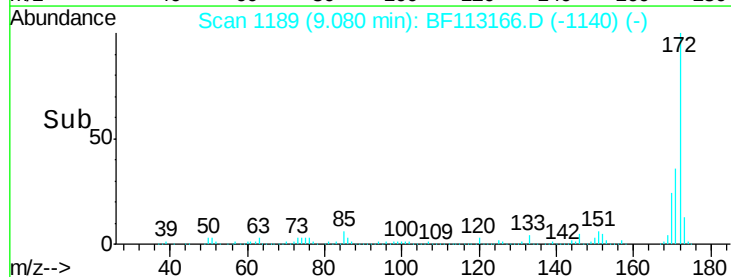
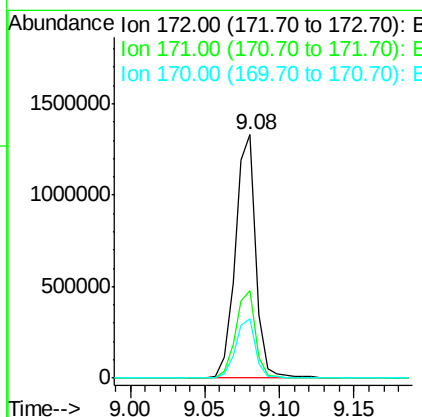
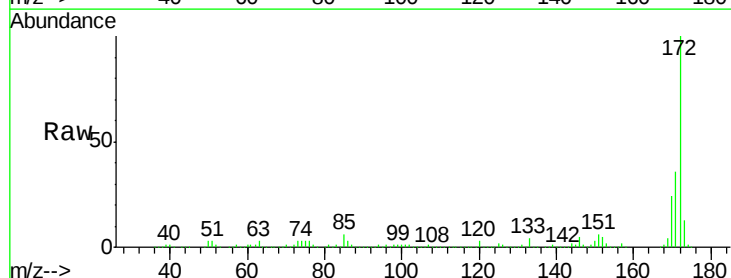
Instrument :
 BNA_F
 ClientSampled :

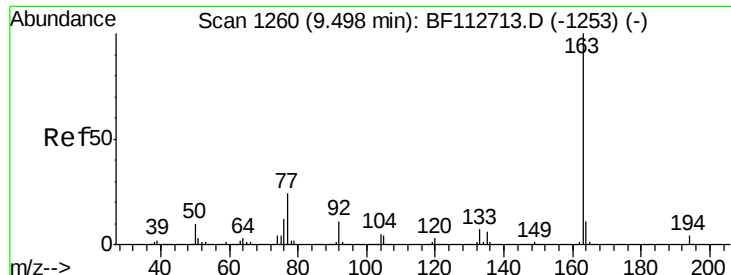
Tot Ion:330 Resp: 341573
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 29.3 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 111.205 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:172 Resp: 1284187
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.3 20.0 30.0





#50

Dimethylphthalate

Concen: 7.846 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampleId :

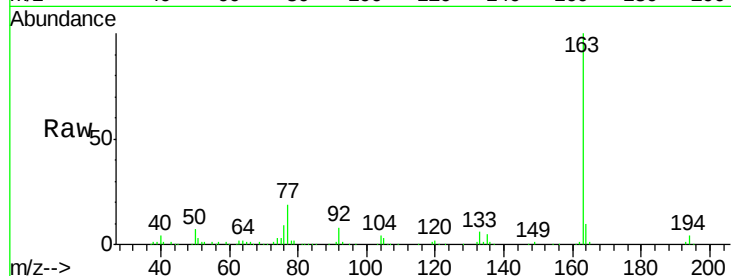
Tot Ion:163 Resp: 120336

Ion Ratio Lower Upper

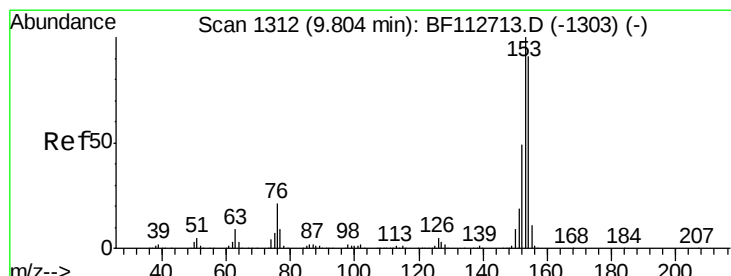
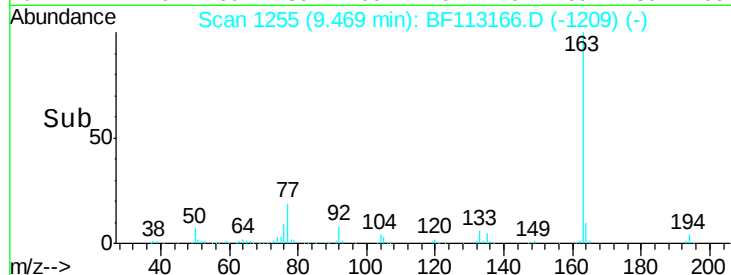
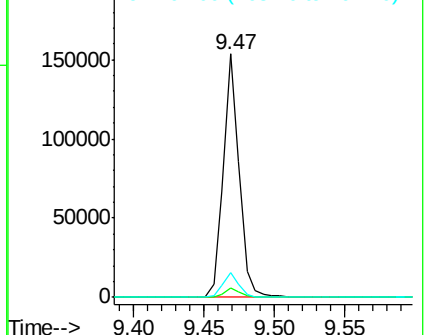
163 100

194 3.7 3.0 4.4

164 9.9 8.4 12.6



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: 8.850 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

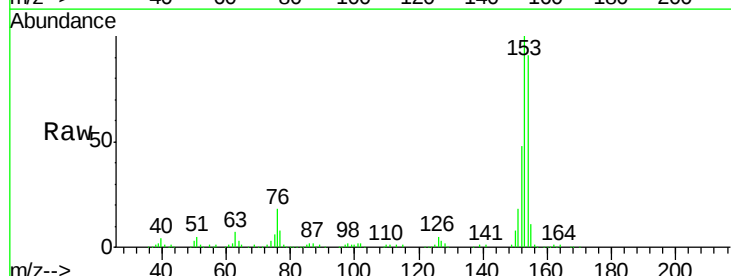
Tgt Ion:154 Resp: 116402

Ion Ratio Lower Upper

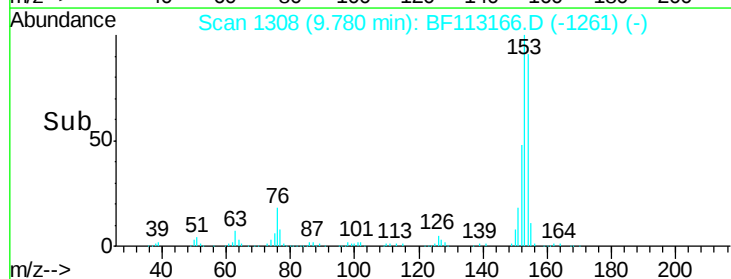
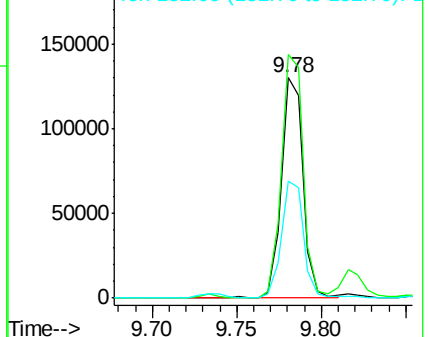
154 100

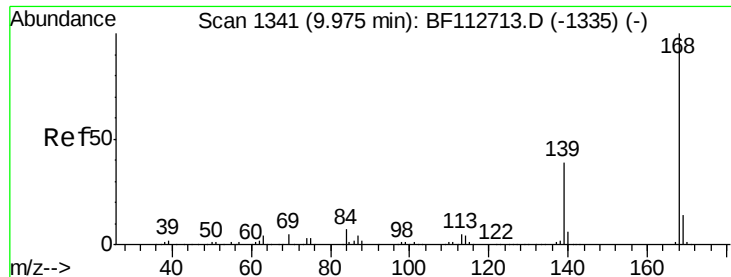
153 110.4 87.8 131.8

152 53.1 43.0 64.6



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

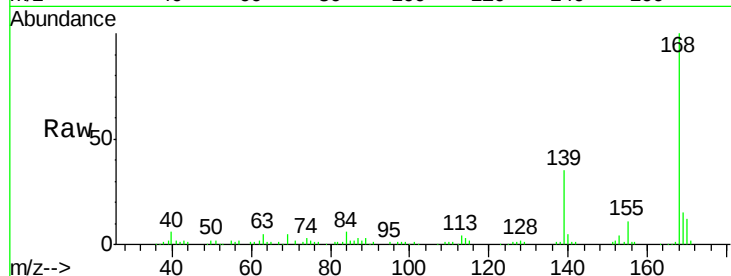




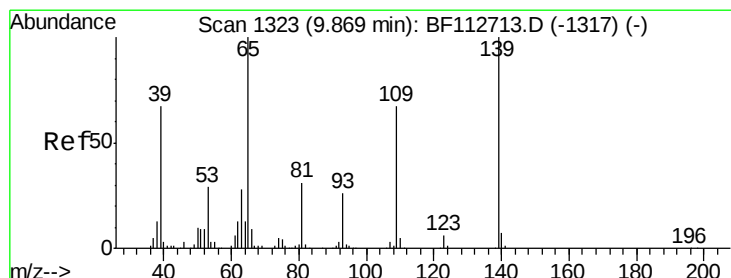
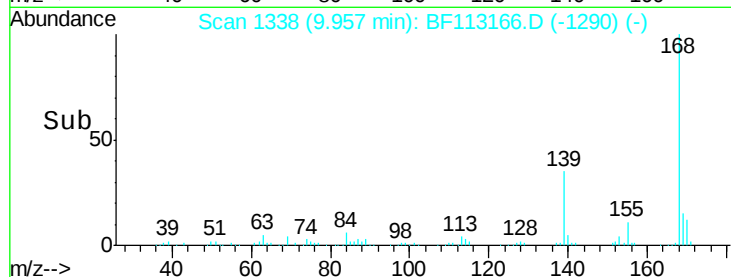
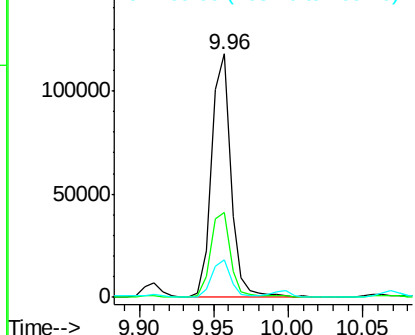
#55
Dibenzenofuran
Concen: 5.591 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 106869
Ion Ratio Lower Upper
168 100
139 35.1 31.3 46.9
169 15.3 11.3 16.9

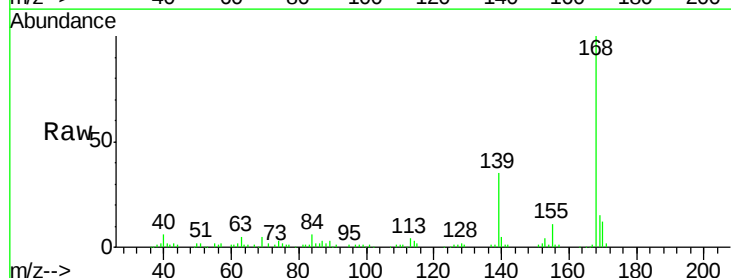


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

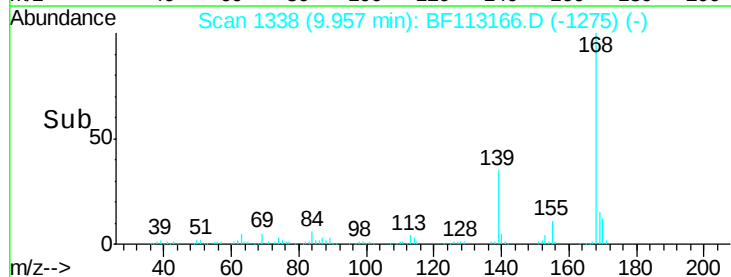
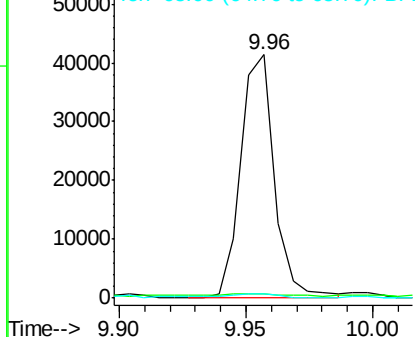


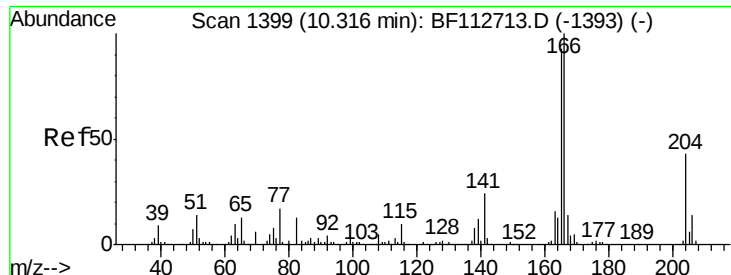
#56
4-Nitrophenol
Concen: 12.119 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.07 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion:139 Resp: 38333
Ion Ratio Lower Upper
139 100
109 1.6 46.8 86.8#
65 1.8 80.7 120.7#



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

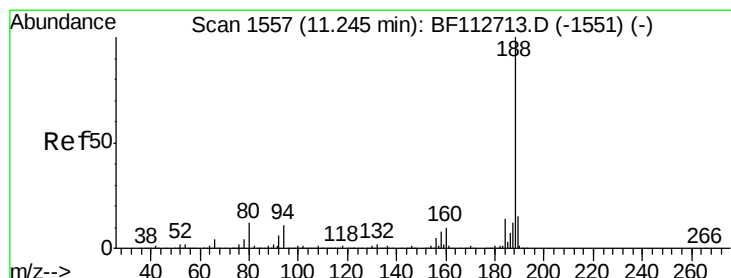
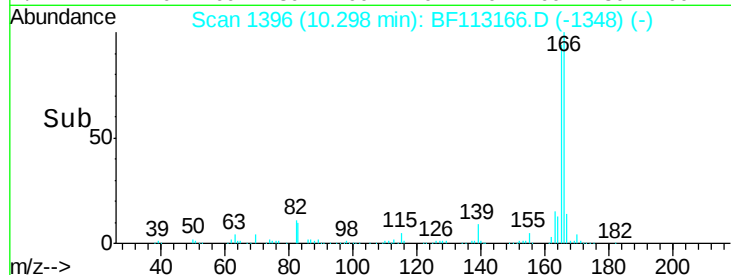
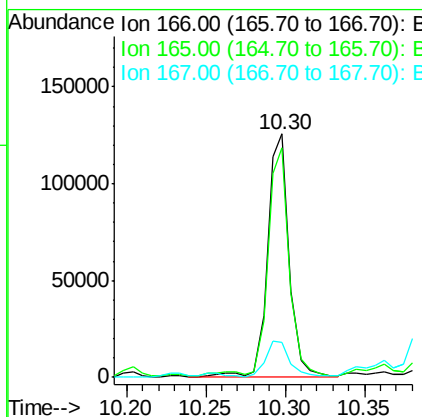
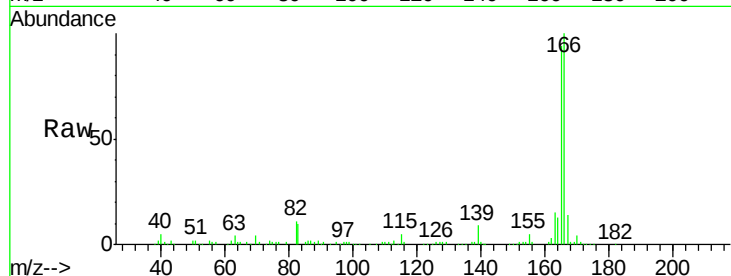




#58
Fluorene
 Concen: 8.941 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

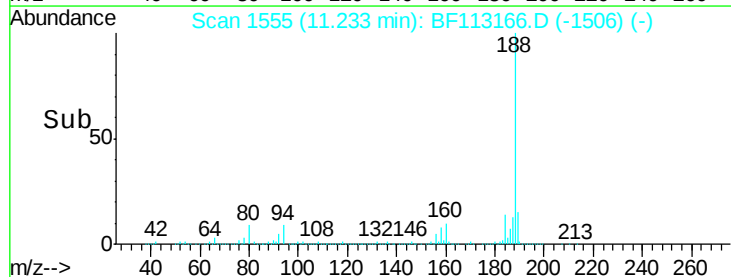
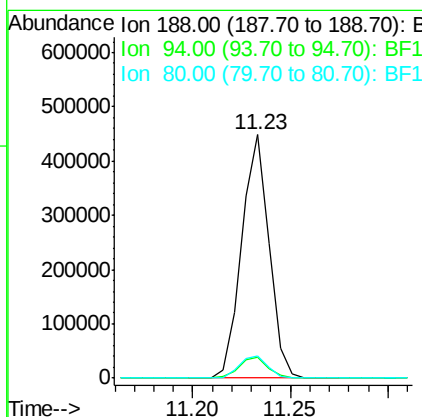
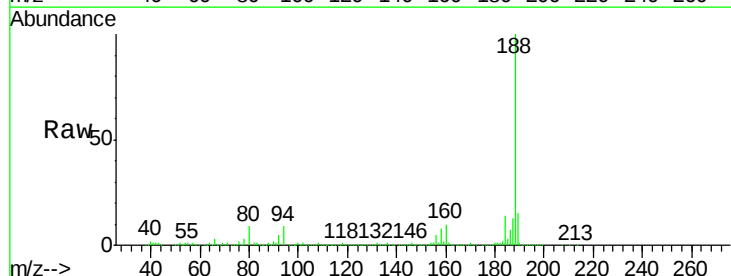
Instrument :
 BNA_F
 ClientSampleId :

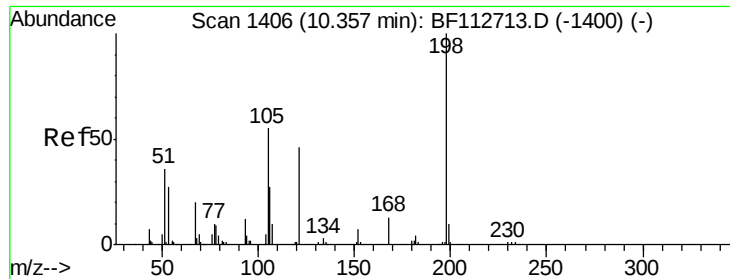
Tot Ion:166 Resp: 121306
 Ion Ratio Lower Upper
 166 100
 165 94.3 74.7 112.1
 167 14.4 11.0 16.6



#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:188 Resp: 435613
 Ion Ratio Lower Upper
 188 100
 94 8.8 9.0 13.4#
 80 9.0 9.2 13.8#

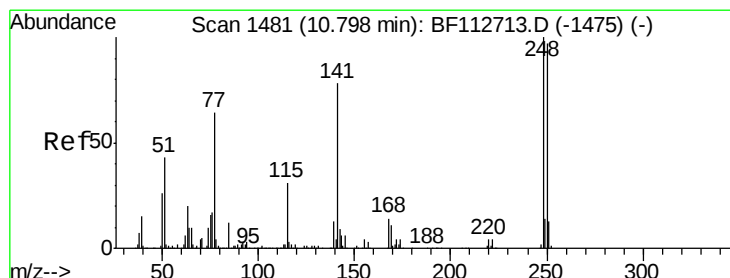
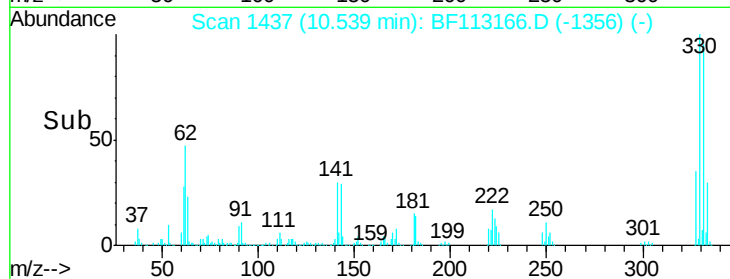
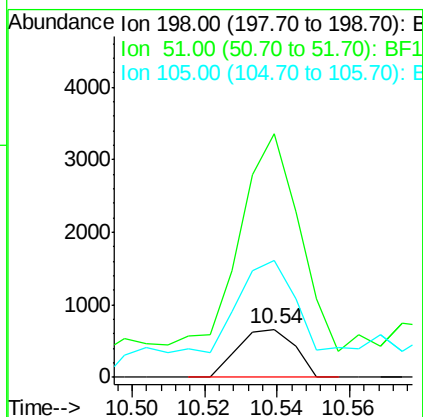
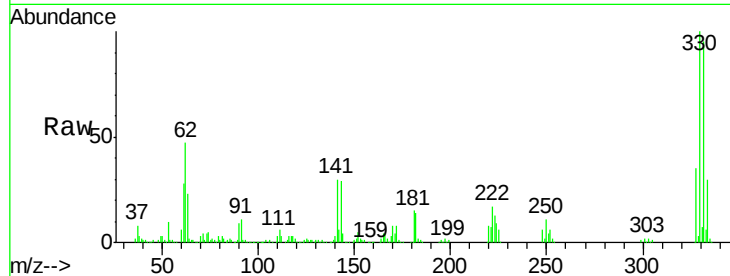




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.976 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

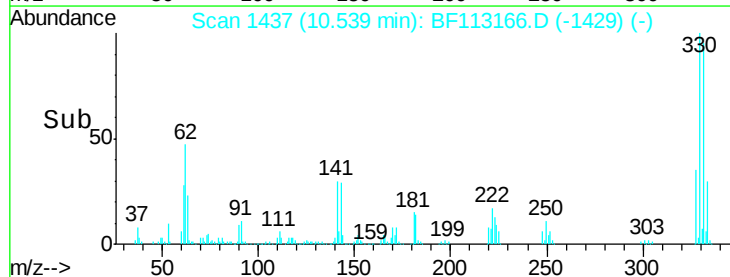
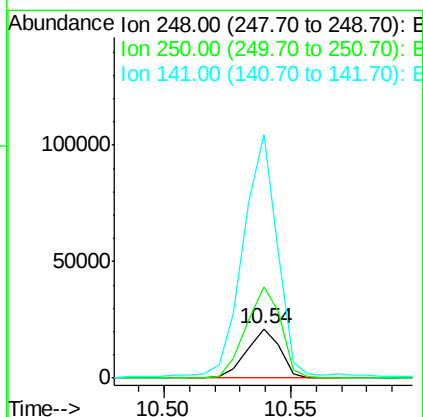
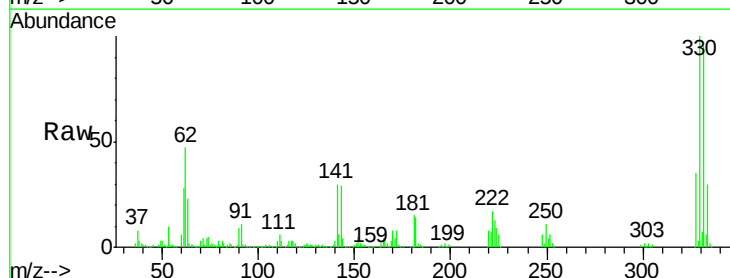
Instrument :
 BNA_F
 ClientSampleId :

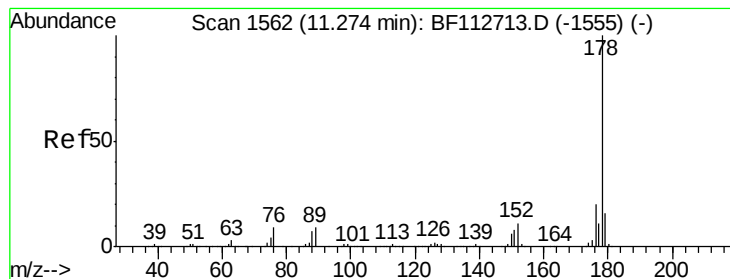
Tot Ion:198 Resp: 719
 Ion Ratio Lower Upper
 198 100
 51 507.7 43.8 83.8#
 105 243.7 36.5 76.5#



#67
 4-Bromophenyl-phenylether
 Concen: 4.267 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:248 Resp: 19578
 Ion Ratio Lower Upper
 248 100
 250 185.4 77.5 116.3#
 141 491.4 62.4 93.6#





#71

Phenanthrene

Concen: 75.566 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampleId :

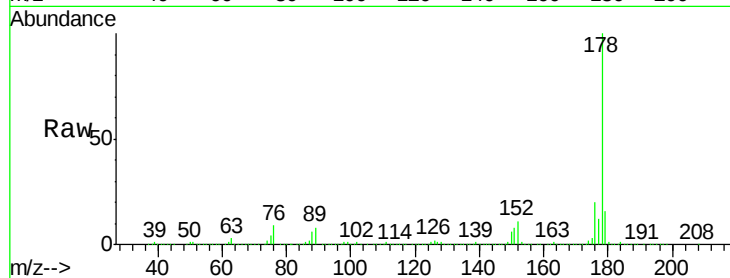
Tot Ion:178 Resp: 1637786

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

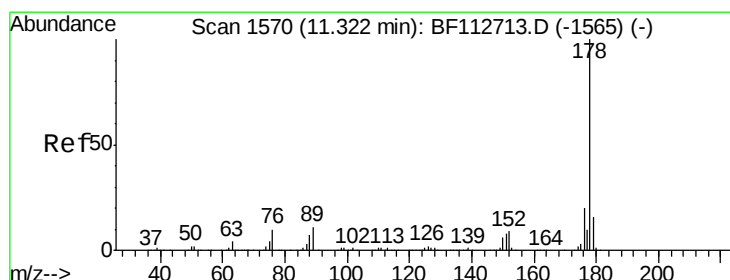
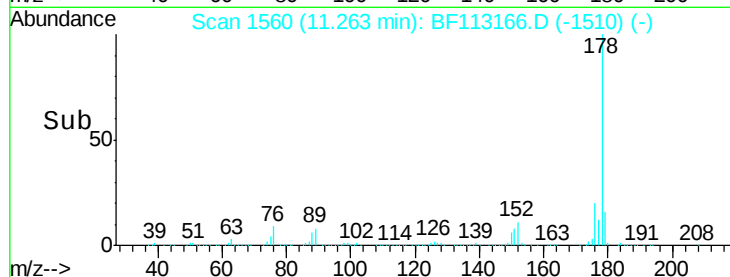
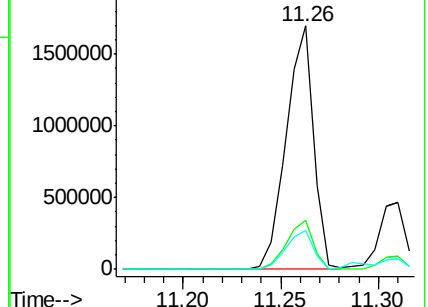
179 16.2 12.7 19.1



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: 18.617 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

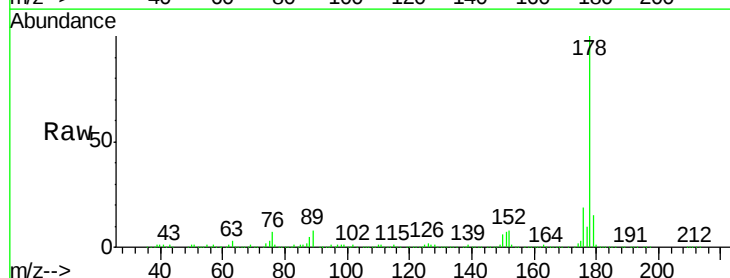
Tgt Ion:178 Resp: 422383

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

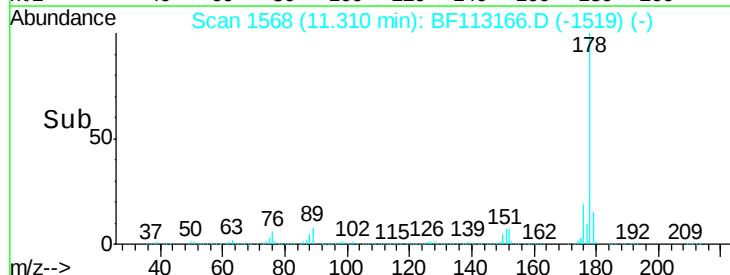
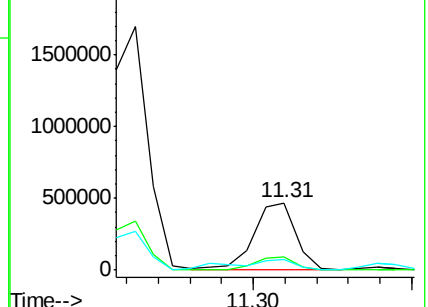
179 15.2 13.0 19.6

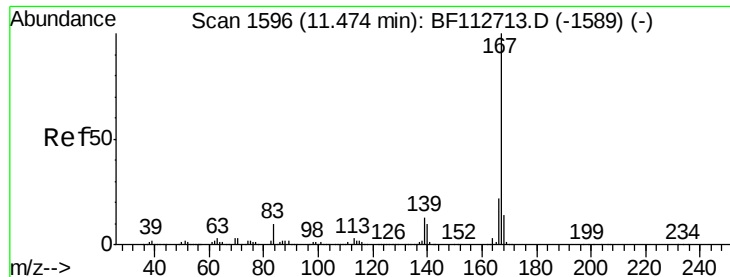


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

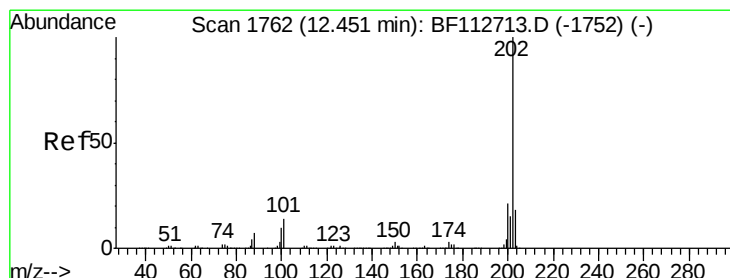
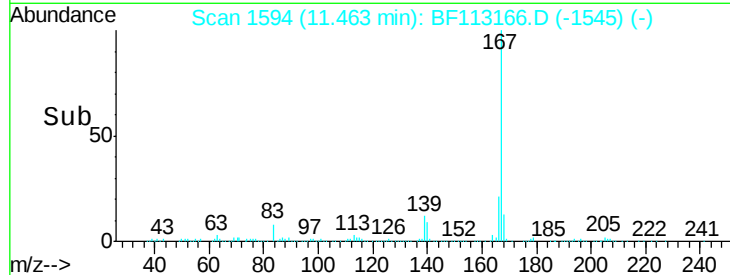
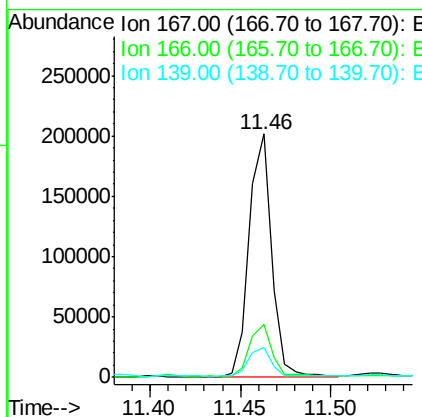
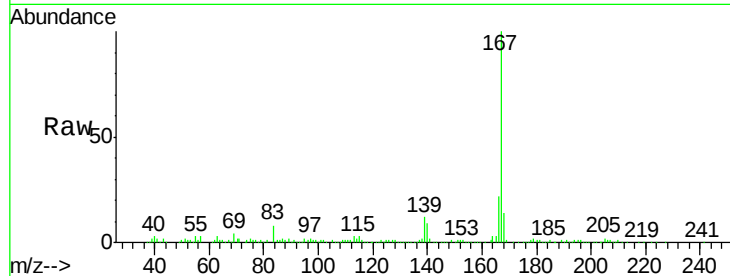




#73
 Carbazole
 Concen: 7.836 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

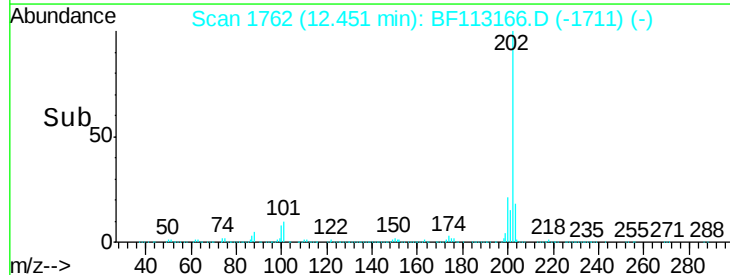
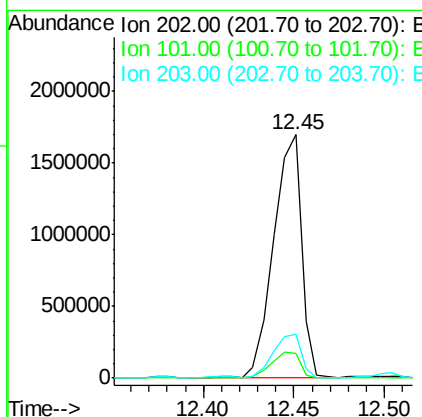
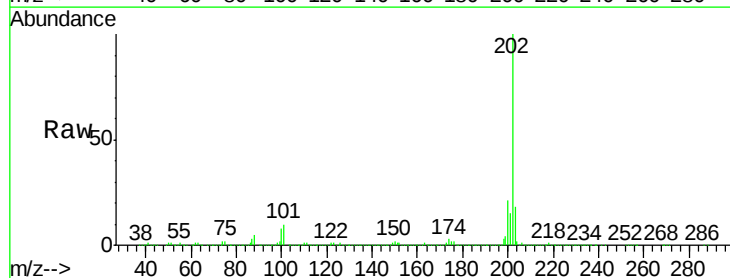
Instrument :
 BNA_F
 ClientSampleId :

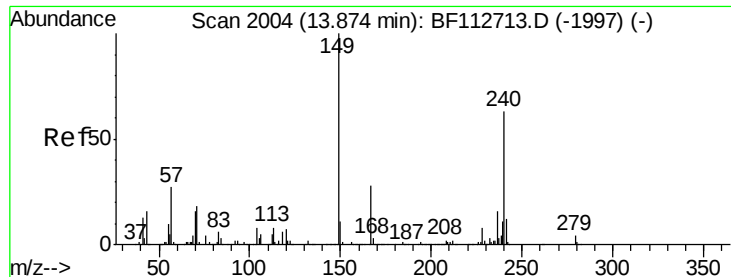
Tot Ion:167 Resp: 173423
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.2 10.8 16.2



#75
 Fluoranthene
 Concen: 78.172 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:202 Resp: 1815206
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 33.8
 203 17.9 0.0 38.4

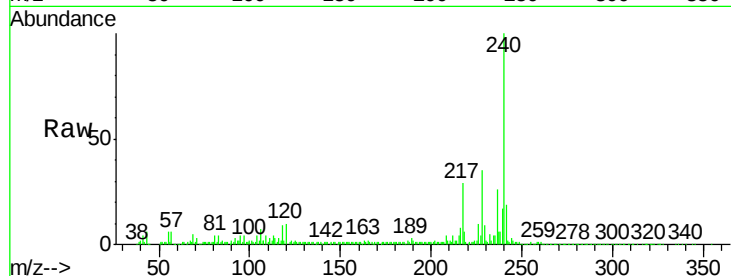




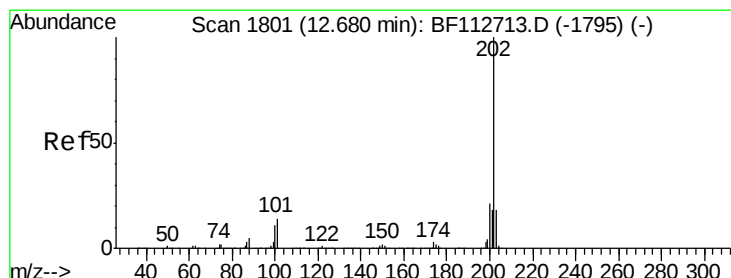
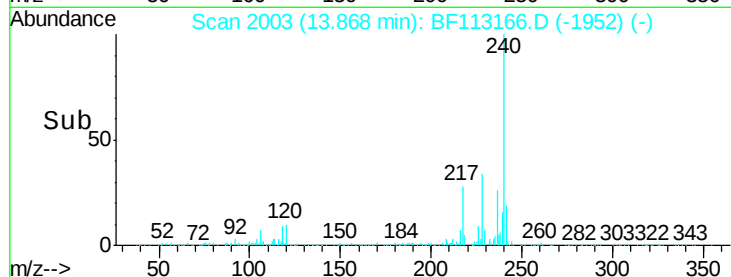
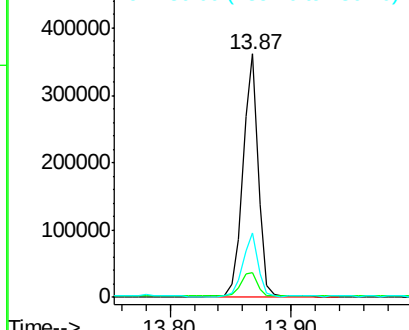
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 317045
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.9 13.3
 236 26.4 20.7 31.1

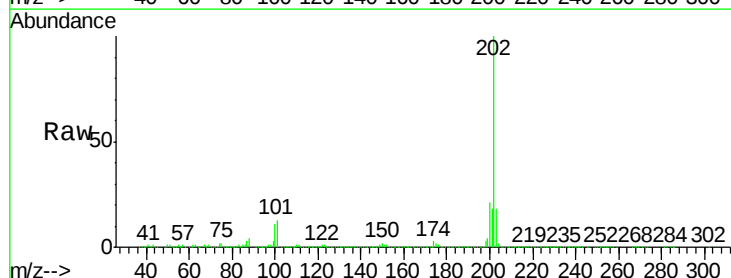


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

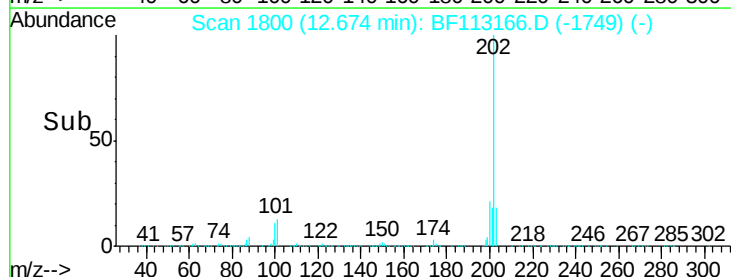
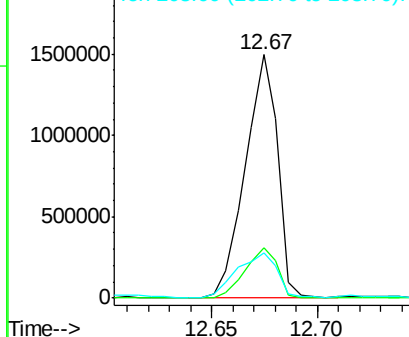


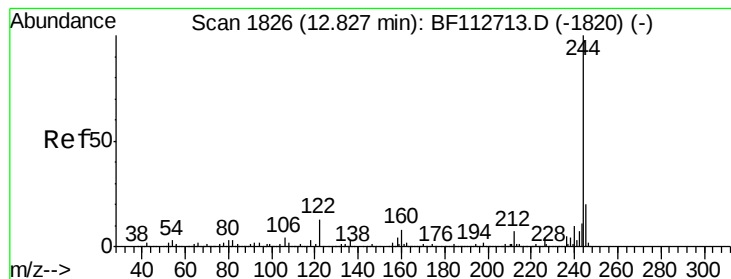
#78
 Pyrene
 Concen: 59.342 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:202 Resp: 1586081
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.0 25.4
 203 18.4 14.4 21.6



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: 70.813 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

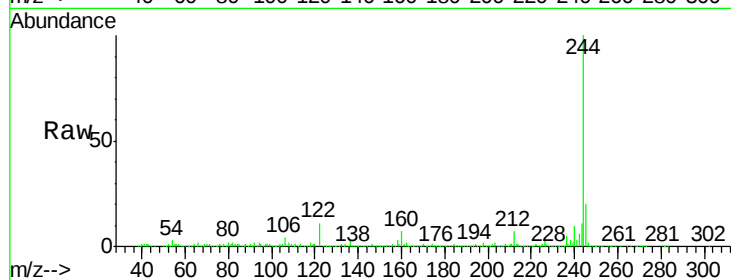
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1158159

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.0	10.5	15.7

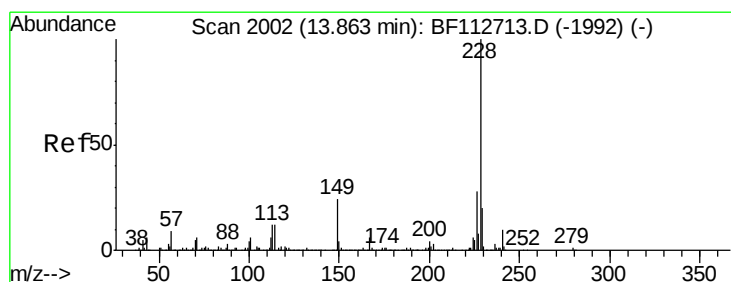
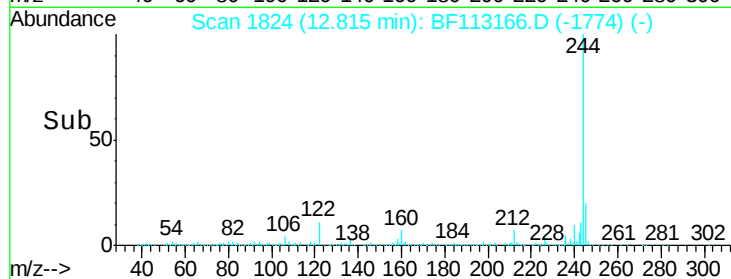


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#81

Benzo(a)anthracene

Concen: 35.409 ng

RT: 13.86 min Scan# 2001

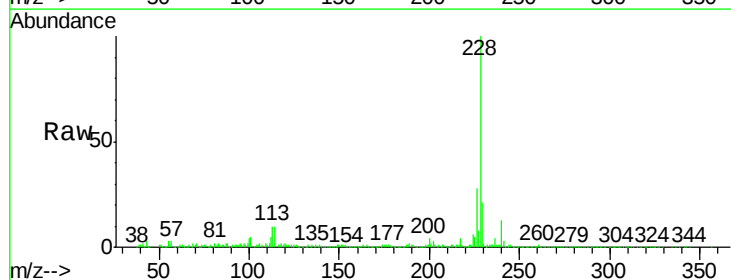
Delta R.T. -0.00 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Tgt Ion:228 Resp: 778046

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	21.2	16.0	24.0

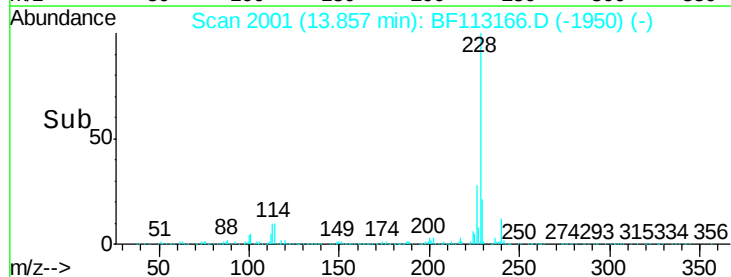


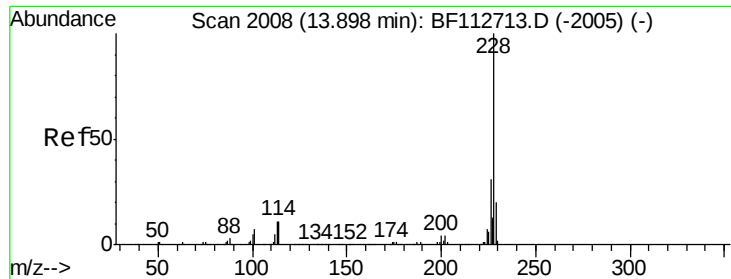
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

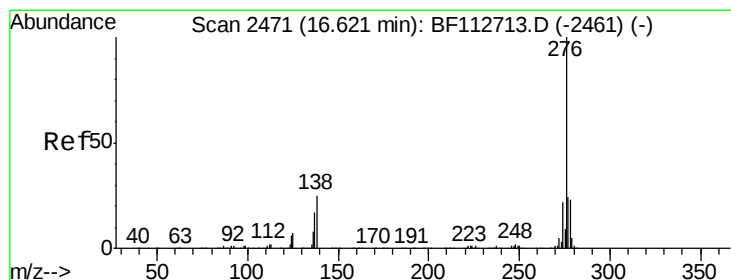
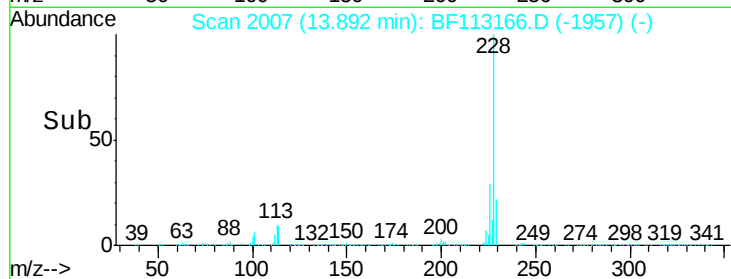
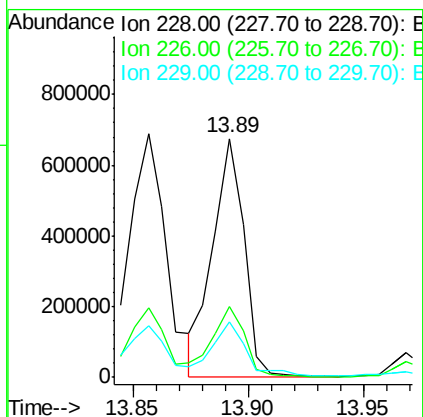
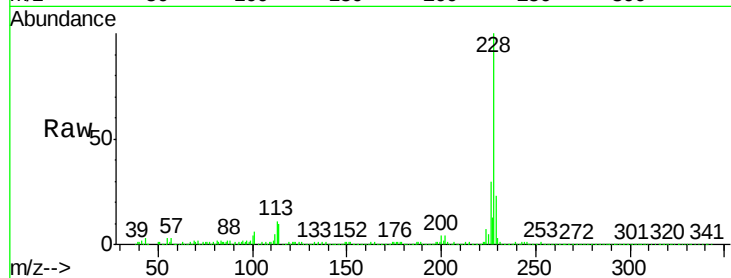




#83
Chrysene
Concen: 29.547 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

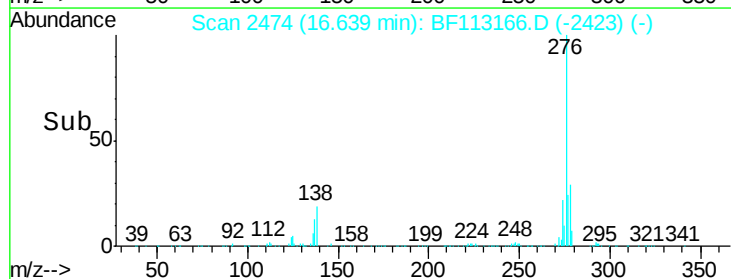
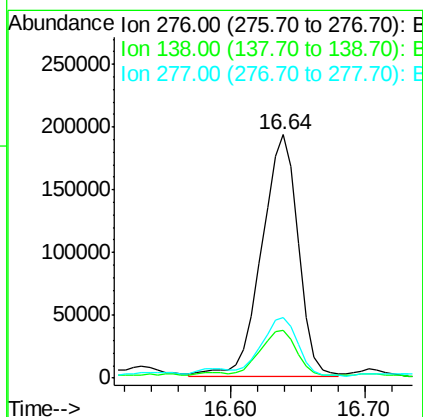
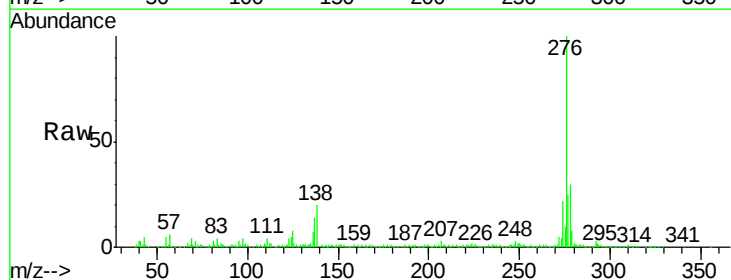
Instrument :
BNA_F
ClientSampleId :

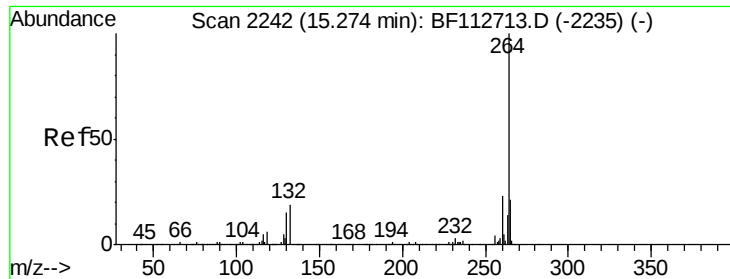
Tot Ion:228 Resp: 635951
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 23.1 16.3 24.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 19.936 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion:276 Resp: 365815
Ion Ratio Lower Upper
276 100
138 19.2 23.2 34.8#
277 24.1 19.9 29.9



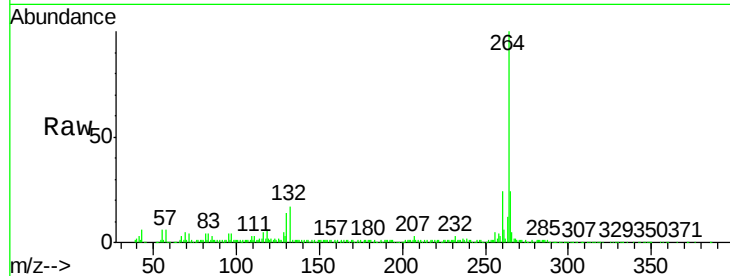


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

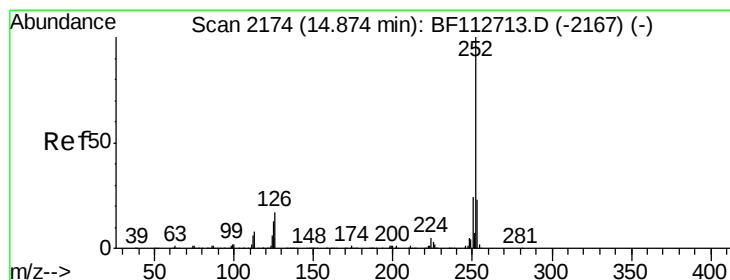
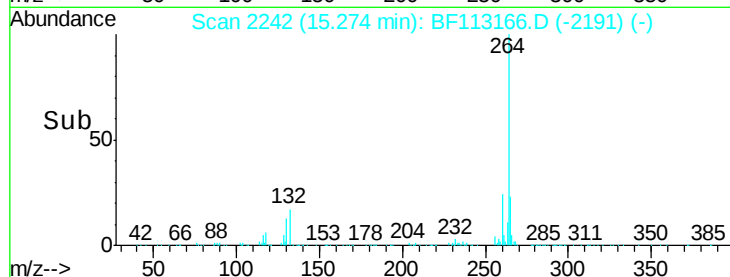
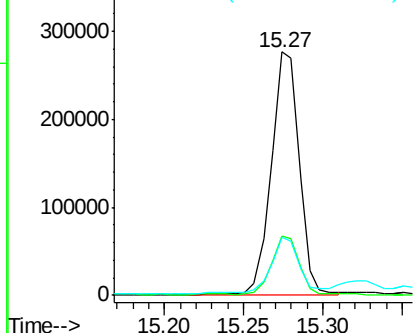
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 339796

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	23.7	17.2	25.8



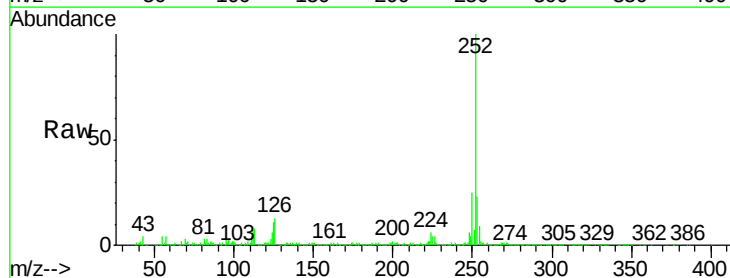
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



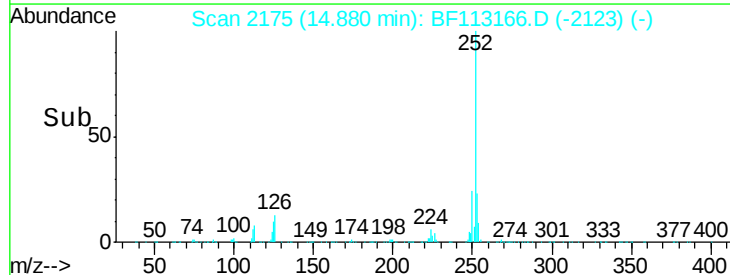
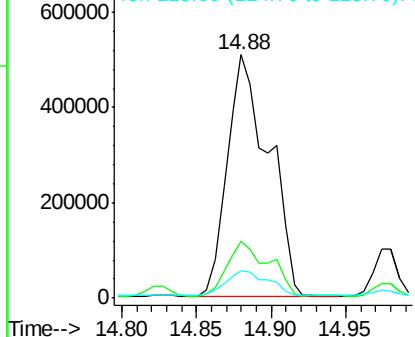
#88
Benzo(b)fluoranthene
Concen: 44.838 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

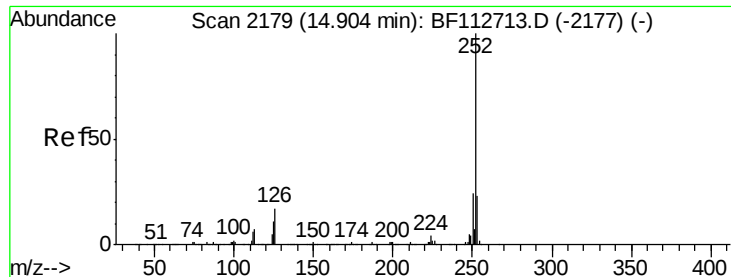
Tgt Ion:252 Resp: 985491

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.4	10.2	15.2



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

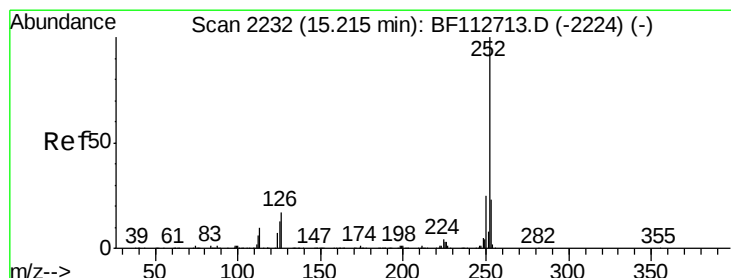
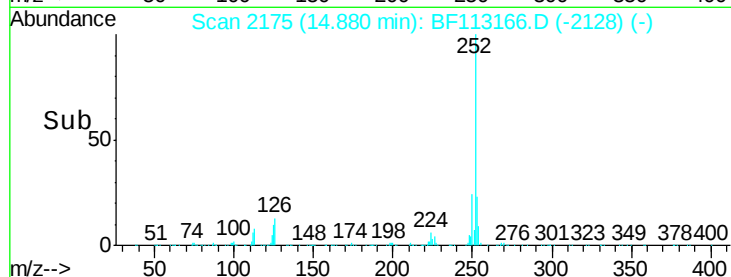
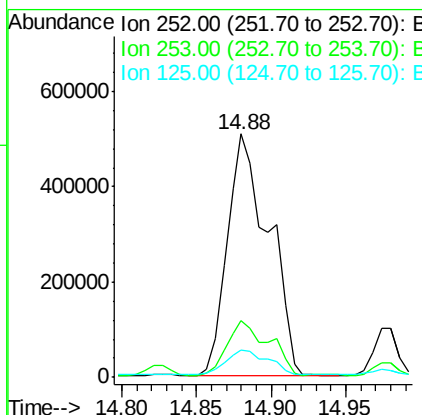
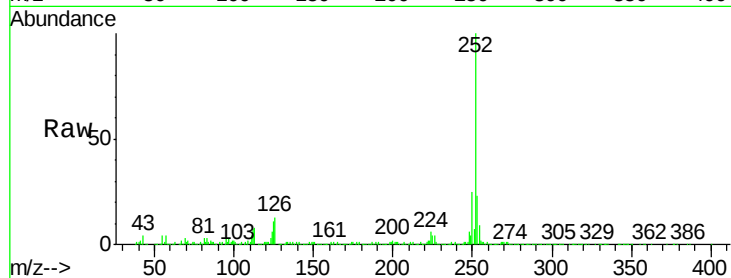




#89
Benzo(k)fluoranthene
Concen: 49.501 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

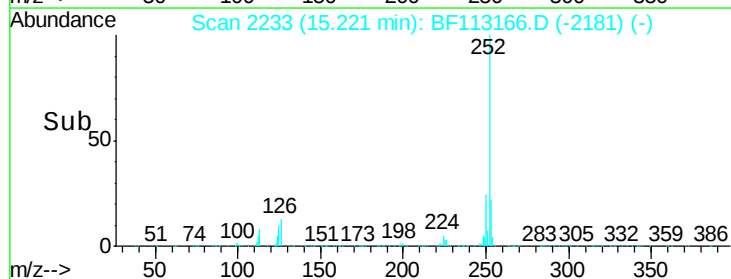
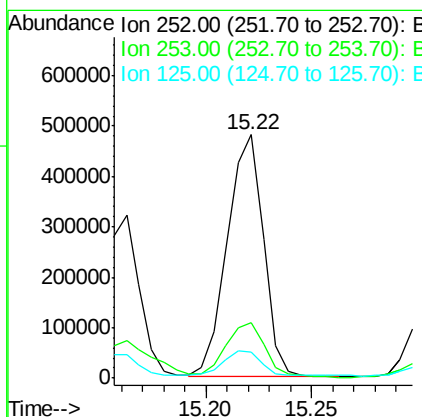
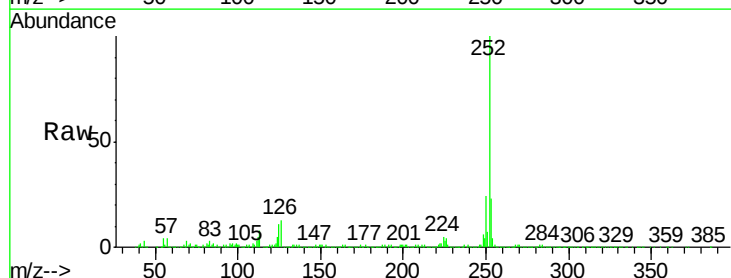
Instrument :
BNA_F
ClientSampleId :

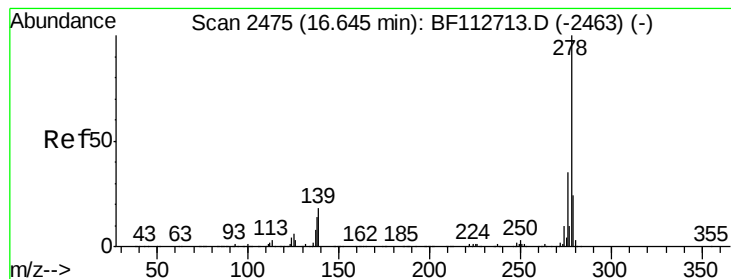
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	11.4	9.8	14.6



#90
Benzo(a)pyrene
Concen: 29.430 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.9	10.7	16.1





#91

Dibenzo(a,h)anthracene

Concen: 6.459 ng

RT: 16.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

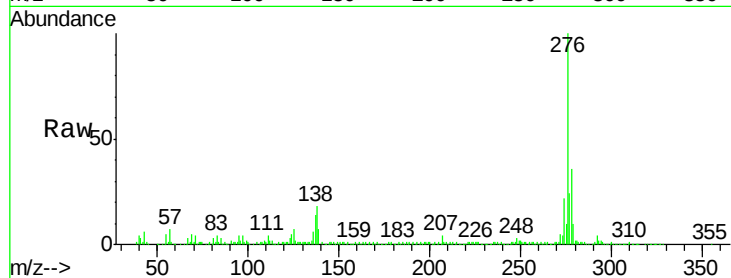
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 107147

Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.3	21.5
279	27.7	19.4	29.0

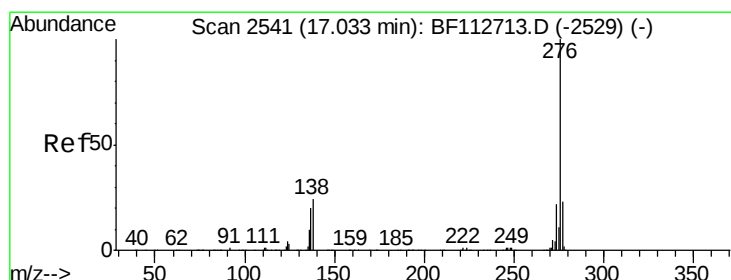
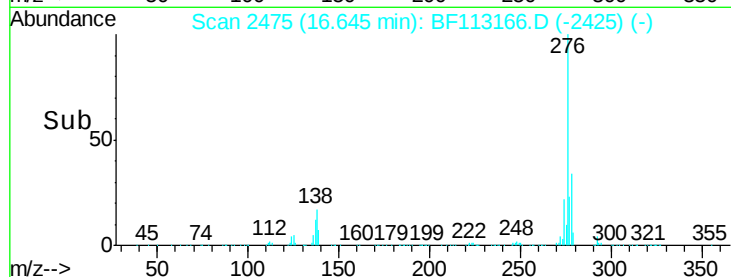
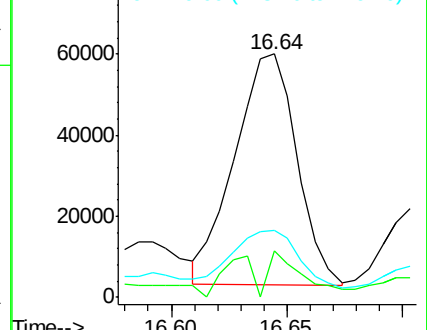


Abundance

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: 20.571 ng

RT: 17.04 min Scan# 2543

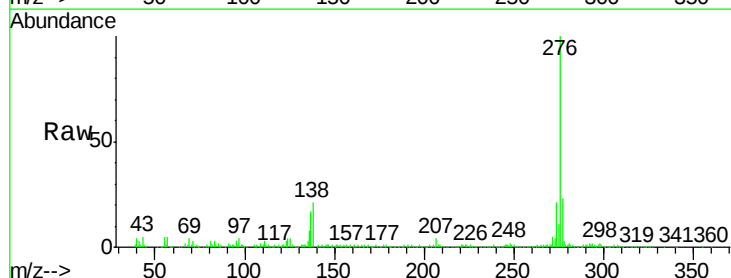
Delta R.T. -0.00 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Tgt Ion:276 Resp: 342659

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	20.5	19.4	29.0



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

