

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF112005.D
 Acq On : 10 Jan 2019 23:22
 Operator : JU/SJ
 Sample : K1071-02 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:55:44 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	97400	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	194599	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	108433	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	258264	20.00	ng	0.00
76) Chrysene-d12	14.04	240	217846	20.00	ng	-0.01
87) Perylene-d12	15.53	264	158219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	352407	61.90	ng	-0.02
7) Phenol-d6	6.52	99	525175	71.57	ng	-0.02
23) Nitrobenzene-d5	7.45	82	499809	137.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	93359	66.19	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	318896	42.88	ng	0.00
79) Terphenyl-d14	12.99	244	511825	44.60	ng	-0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.42	77	61345	11.281	ng	# 1
10) Phenol	6.53	94	33779	4.235	ng	# 88
15) Benzyl Alcohol	7.00	79	48087	8.283	ng	# 59
18) Hexachloroethane	7.39	117	32793	12.629	ng	# 1
19) n-Nitroso-di-n-propylamine	7.28	70	41137	8.628	ng	# 69
20) 3+4-Methylphenols	7.29	107	16567	2.620	ng	# 1
22) Acetophenone	7.29	105	281856	57.211	ng	# 55
24) Nitrobenzene	7.47	77	93247	25.316	ng	# 66
25) Isophorone	7.72	82	449546	76.245	ng	# 1
26) 2-Nitrophenol	7.82	139	49064	27.054	ng	# 1
27) 2,4-Dimethylphenol	7.85	122	61997	23.643	ng	# 1
28) bis(2-Chloroethoxy)methane	7.93	93	23747	6.034	ng	# 1
29) 2,4-Dichlorophenol	8.03	162	40121	13.306	ng	# 2
31) Naphthalene	8.20	128	126382	13.681	ng	# 57
32) Benzoic acid	7.99	122	44287	26.026	ng	# 13
33) 4-Chloroaniline	8.24	127	30673	7.681	ng	# 1
35) Caprolactam	8.63	113	331579	336.575	ng	# 54
36) 4-Chloro-3-methylphenol	8.73	107	61426	20.489	ng	# 26
37) 2-Methylnaphthalene	8.90	142	273182	47.725	ng	# 94
38) 1-Methylnaphthalene	9.00	142	315790	57.519	ng	# 99
43) 2,4,6-Trichlorophenol	9.18	196	15227	6.494	ng	# 12
44) 2,4,5-Trichlorophenol	9.22	196	12830	5.223	ng	# 1
46) 1,1'-Biphenyl	9.36	154	24138	2.661	ng	# 80
48) 2-Nitroaniline	9.50	65	7922	3.640	ng	# 1
49) Acenaphthylene	9.80	152	29471	2.800	ng	# 1
50) Dimethylphthalate	9.64	163	53672	6.589	ng	# 64
51) 2,6-Dinitrotoluene	9.72	165	15354	8.429	ng	# 79
52) Acenaphthene	9.97	154	99123	14.610	ng	# 76
53) 3-Nitroaniline	9.90	138	11435	5.862	ng	# 44
55) Dibenzofuran	10.14	168	155439	15.753	ng	# 62
56) 4-Nitrophenol	10.05	139	20660	14.989	ng	# 1
57) 2,4-Dinitrotoluene	10.11	165	17190	7.303	ng	# 61
58) Fluorene	10.48	166	180002	25.070	ng	# 96
62) 4-Nitroaniline	10.40	138	12702	6.865	ng	# 92

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF112005.D
 Acq On : 10 Jan 2019 23:22
 Operator : JU/SJ
 Sample : K1071-02 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:55:44 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)

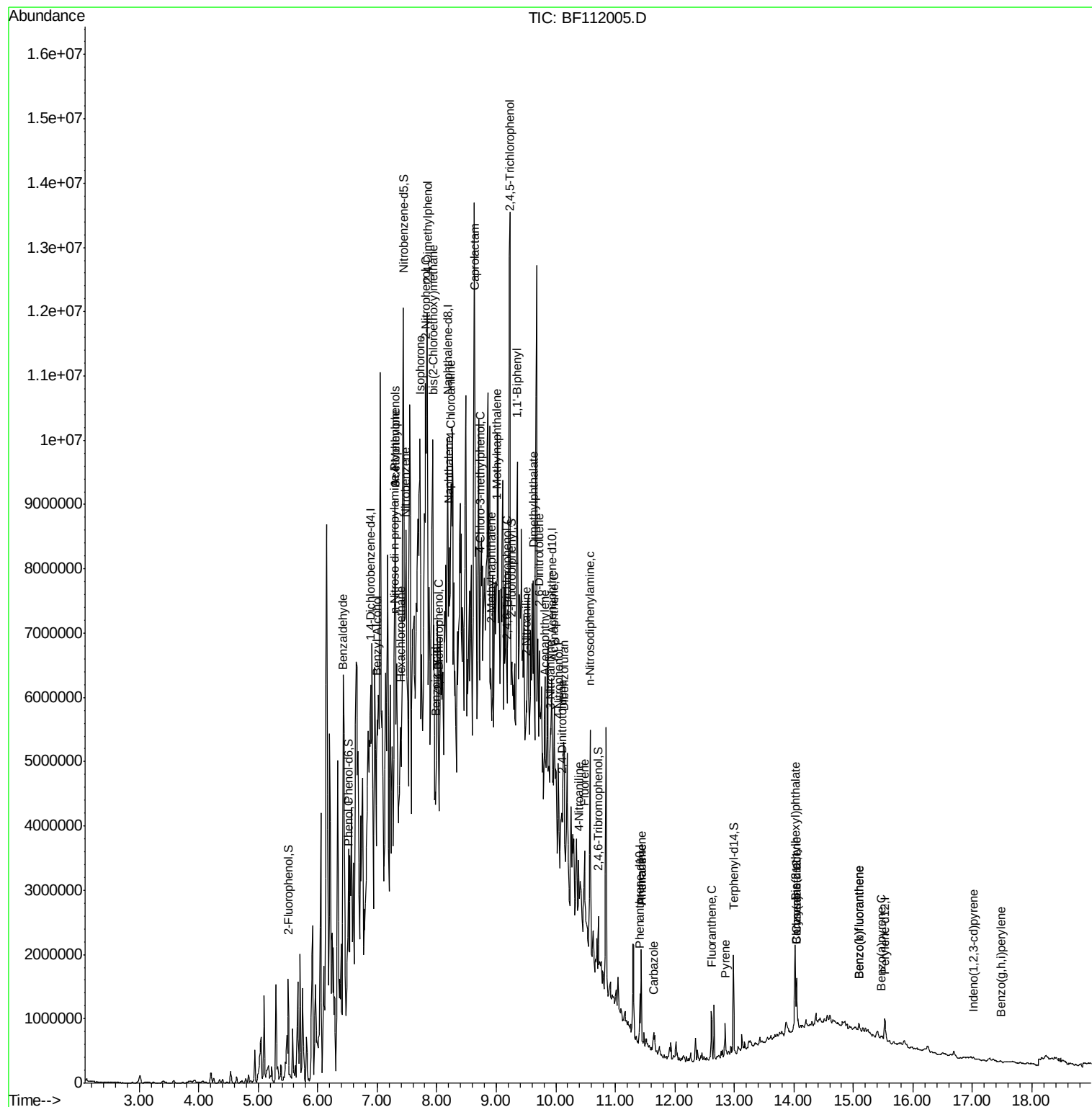
66) n-Nitrosodiphenylamine	10.59	169	109483	12.633	nq	# 47
71) Phenanthrene	11.43	178	523204	37.891	nq	99
72) Anthracene	11.43	178	523204	37.326	nq	99
73) Carbazole	11.63	167	56856	4.170	nq	96
75) Fluoranthene	12.62	202	294185	20.753	nq	99
78) Pyrene	12.84	202	224528	14.979	nq	99
81) Benzo(a)anthracene	14.03	228	63853	5.093	nq	98
83) Chrysene	14.03	228	63853	5.342	nq	94
84) Bis(2-ethylhexyl)phthalate	14.02	149	433080	52.039	nq	# 98
86) Indeno(1,2,3-cd)pyrene	17.01	276	20833	2.390	nq	94
88) Benzo(b)fluoranthene	15.09	252	60651	6.408	nq	# 73
89) Benzo(k)fluoranthene	15.09	252	60651	6.817	nq	# 75
90) Benzo(a)pyrene	15.46	252	30272	3.638	nq	# 73
92) Benzo(q,h,i)perylene	17.47	276	20781	3.174	nq	# 78

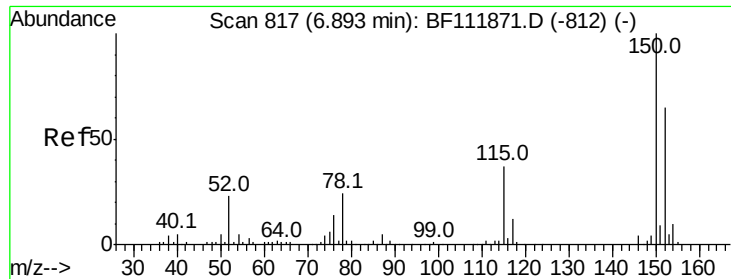
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112005.D
Acq On : 10 Jan 2019 23:22
Operator : JU/SJ
Sample : K1071-02 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 11 00:55:44 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



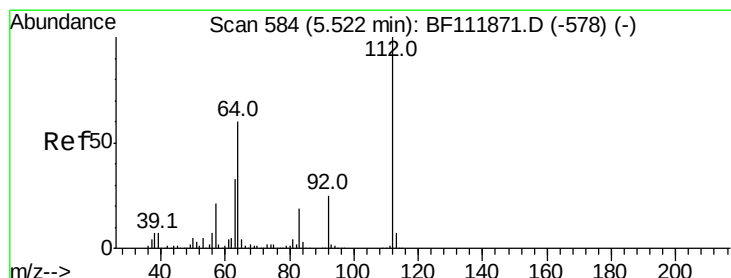
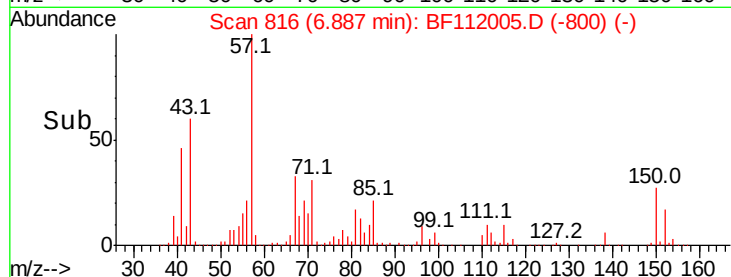
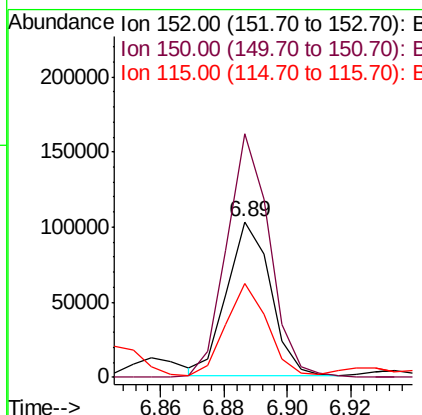
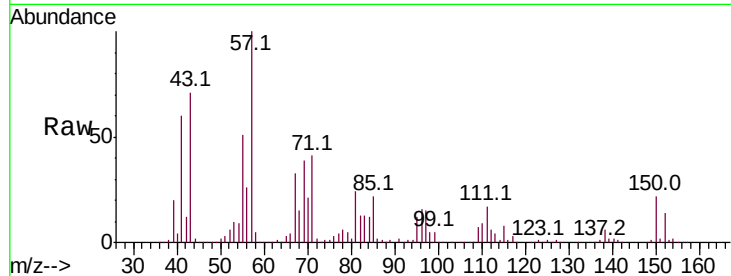


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :

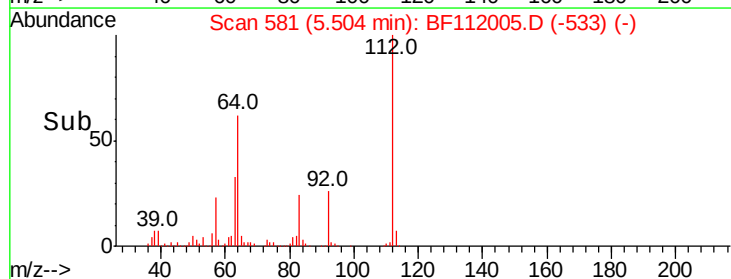
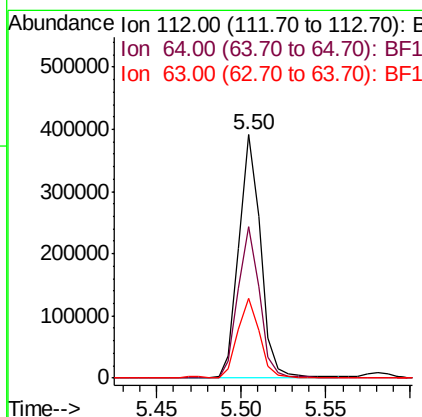
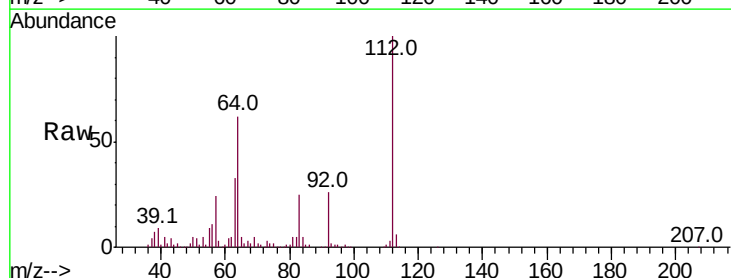
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	60.6	45.2	67.8

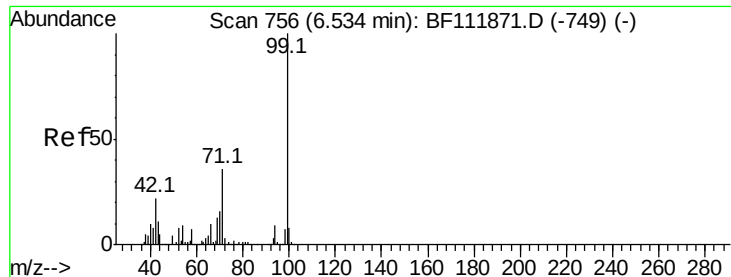


#5

2-Fluorophenol
 Concen: 61.900 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	48.3	72.5
63	32.9	26.1	39.1





#7

Phenol-d6

Concen: 71.571 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampled :

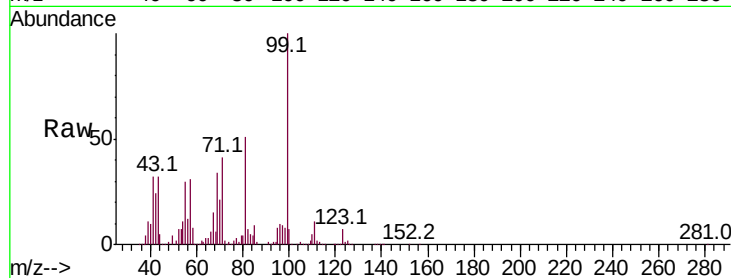
Tot Ion: 99 Resp: 525175

Ion Ratio Lower Upper

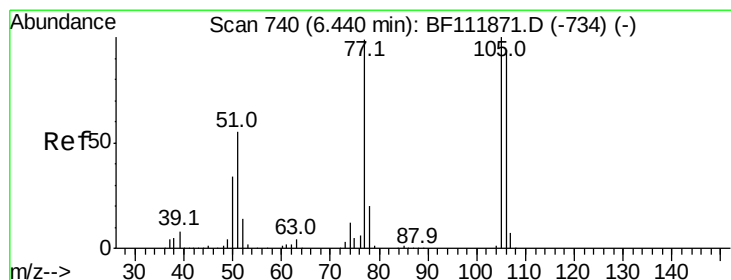
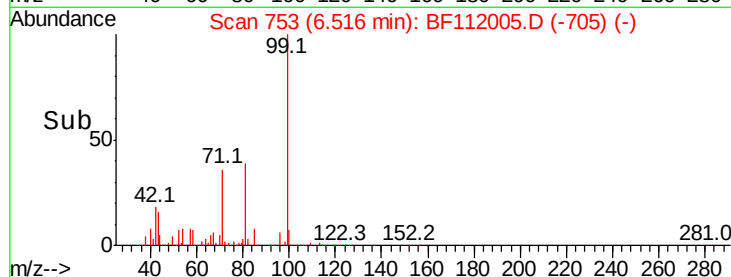
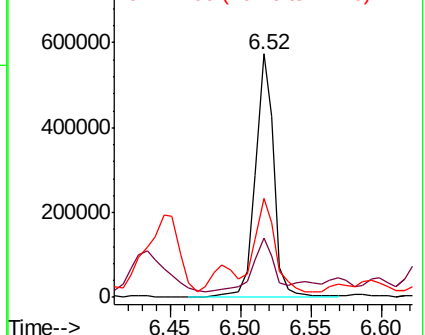
99 100

42 24.4 17.9 26.9

71 40.5 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



#9

Benzaldehyde

Concen: 11.281 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

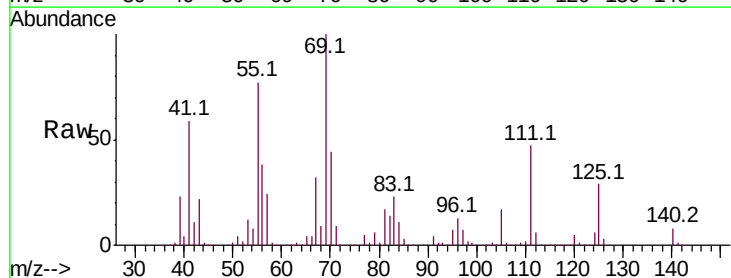
Tgt Ion: 77 Resp: 61345

Ion Ratio Lower Upper

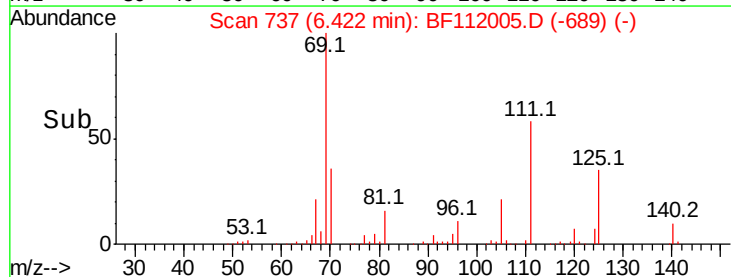
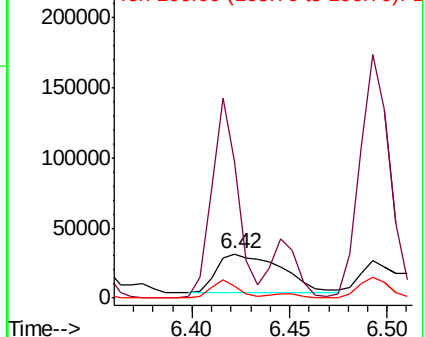
77 100

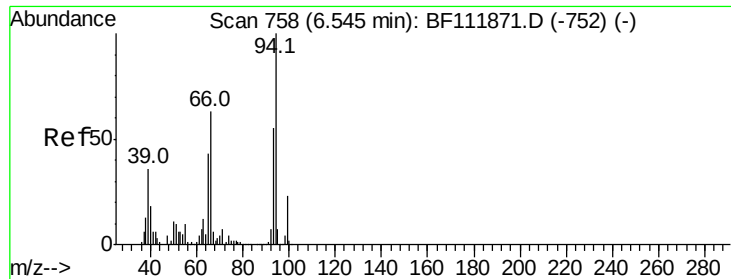
105 309.8 80.6 120.6#

106 26.8 74.6 114.6#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.235 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampled :

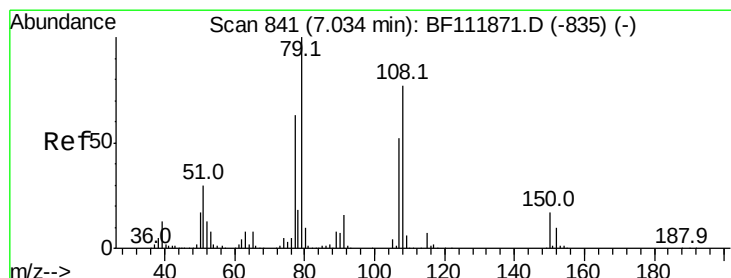
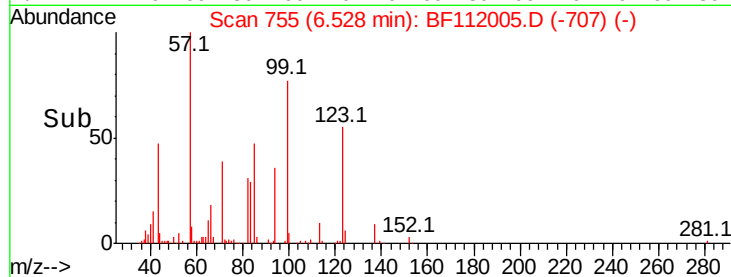
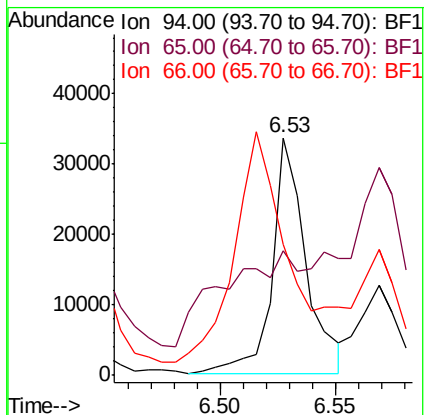
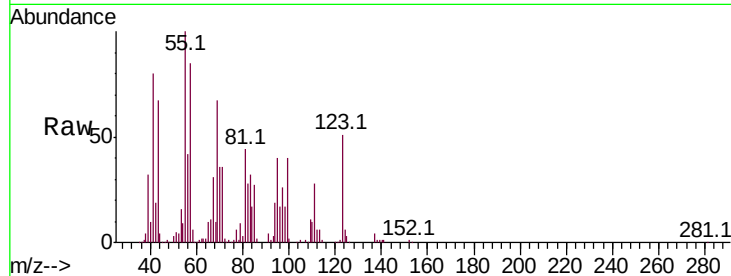
Tot Ion: 94 Resp: 33779

Ion Ratio Lower Upper

94 100

65 52.5 22.8 62.8

66 55.2 43.3 83.3



#15

Benzyl Alcohol

Concen: 8.283 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.04 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

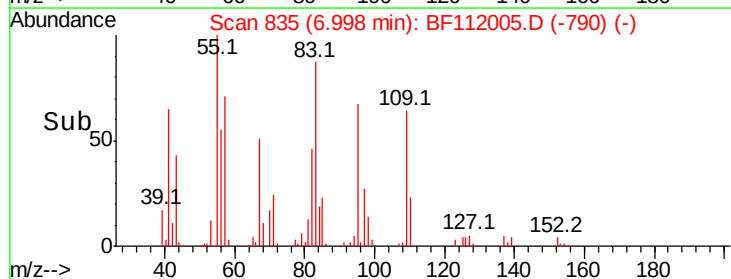
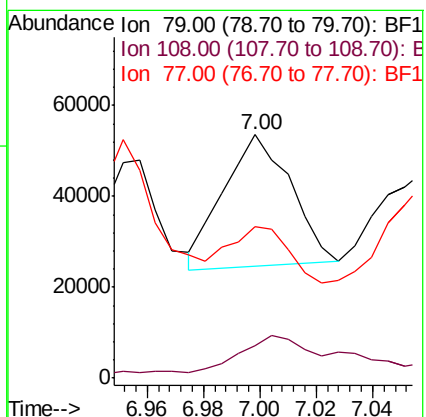
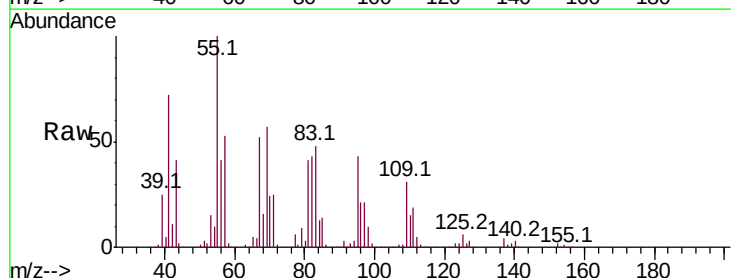
Tgt Ion: 79 Resp: 48087

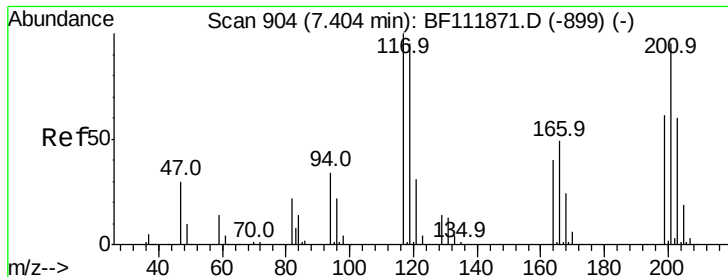
Ion Ratio Lower Upper

79 100

108 13.5 61.4 92.0#

77 62.3 50.4 75.6





#18

Hexachloroethane

Concen: 12.629 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampled :

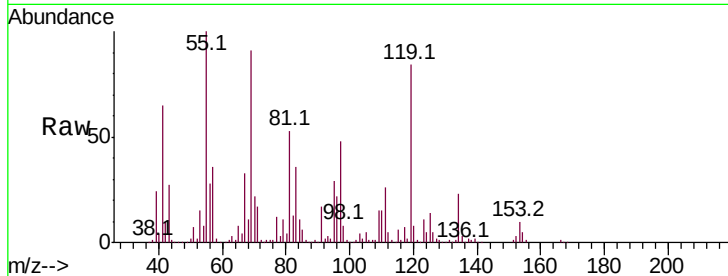
Tot Ion:117 Resp: 32793

Ion Ratio Lower Upper

117 100

119 1287.9 76.2 114.2#

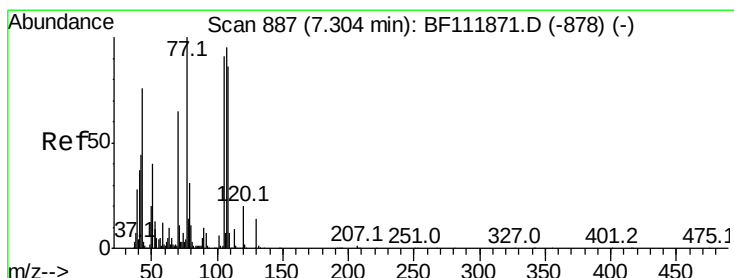
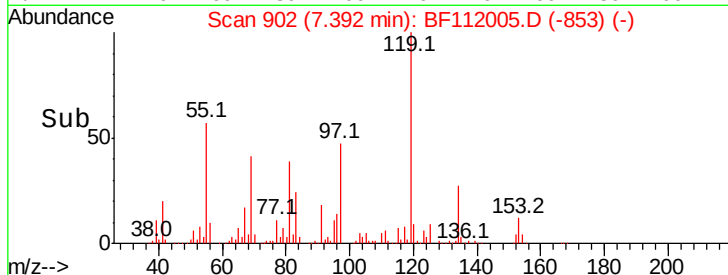
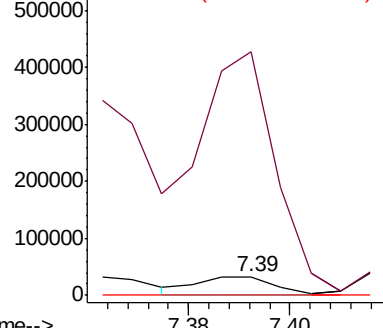
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 8.628 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Tgt Ion: 70 Resp: 41137

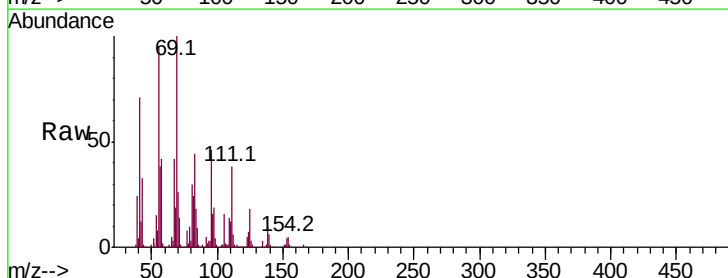
Ion Ratio Lower Upper

70 100

42 45.4 53.6 80.4#

101 0.0 7.3 10.9#

130 0.0 16.8 25.2#

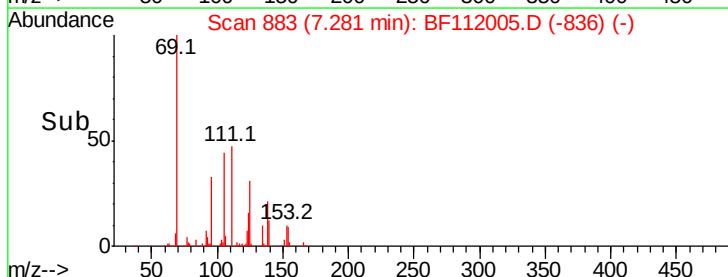
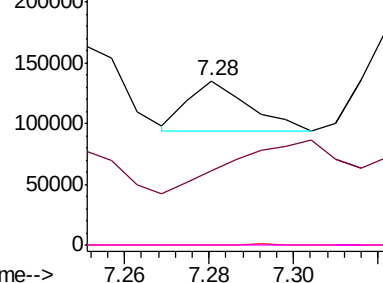


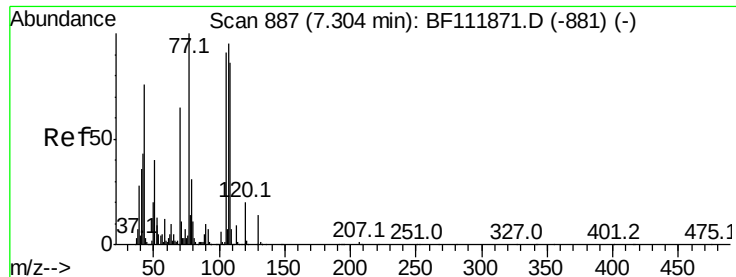
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

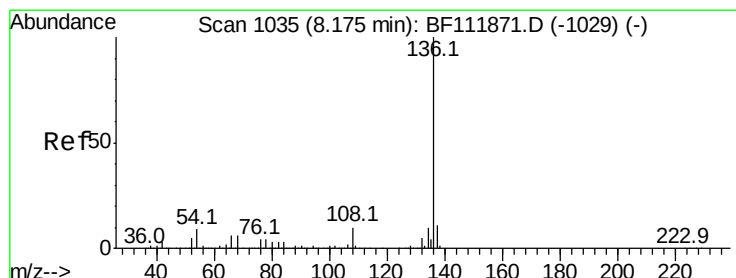
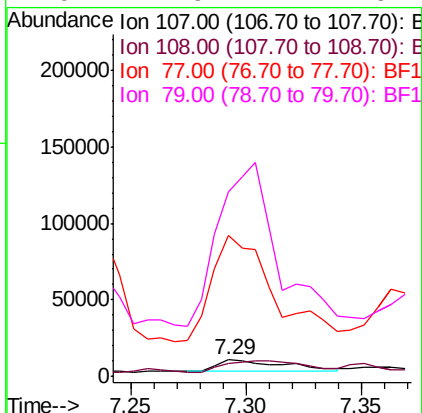
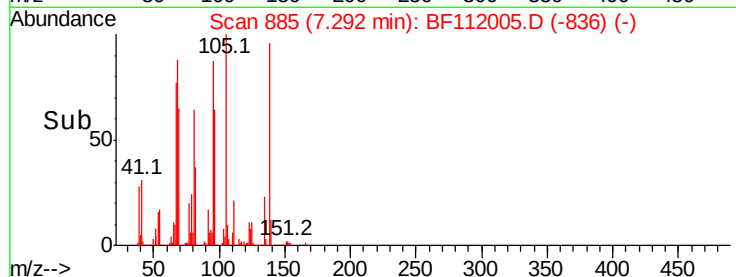
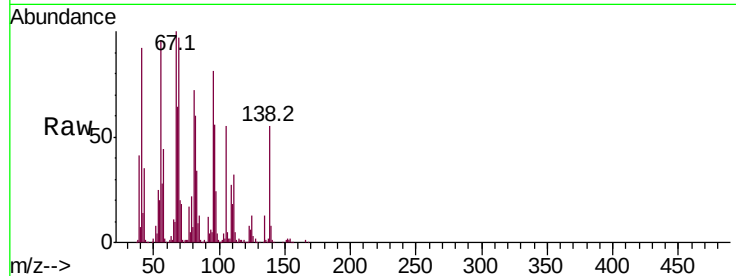




#20
3+4-Methylphenols
Concen: 2.620 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

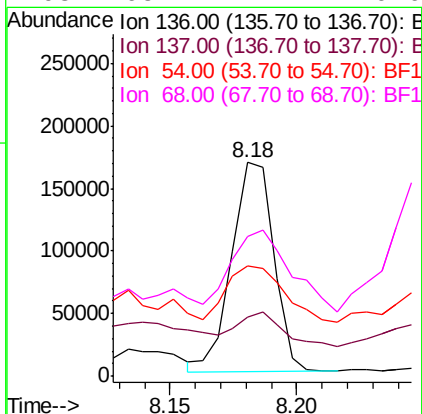
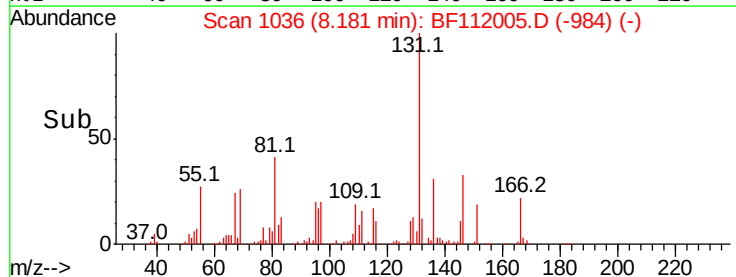
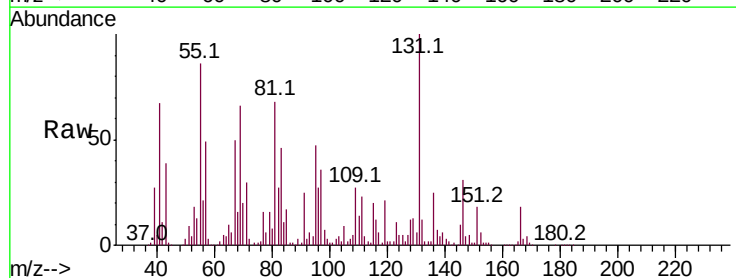
Instrument :
BNA_F
ClientSampleId :

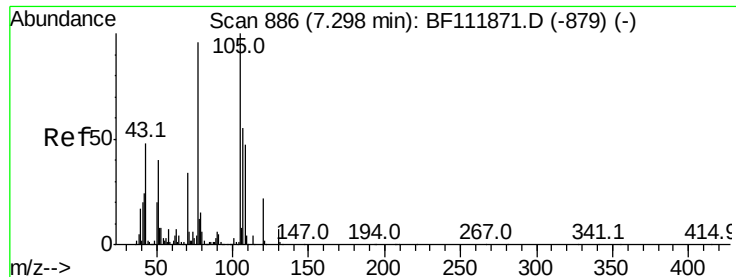
Tot Ion:107 Resp: 16567
Ion Ratio Lower Upper
107 100
108 83.2 71.1 111.1
77 875.9 85.4 125.4#
79 1142.5 12.4 52.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:136 Resp: 194599
Ion Ratio Lower Upper
136 100
137 27.6 9.1 13.7#
54 51.3 7.2 10.8#
68 65.1 4.4 6.6#





#22

Acetophenone

Concen: 57.211 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 281856

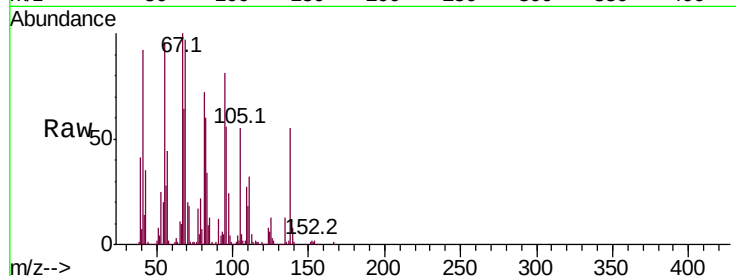
Ion Ratio Lower Upper

105 100

71 32.8 4.6 6.8#

51 15.3 32.2 48.2#

120 0.3 17.5 26.3#

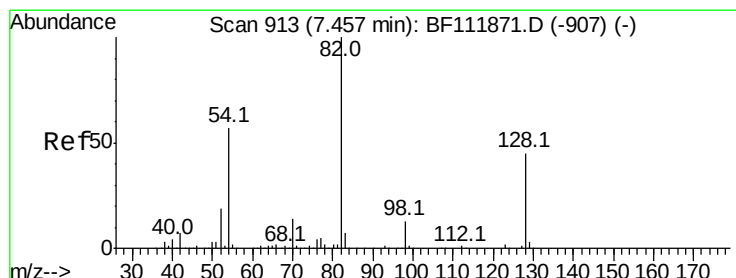
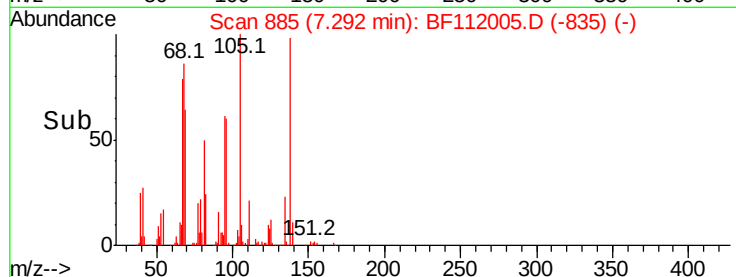
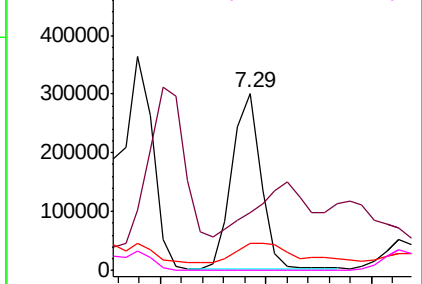


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 137.269 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

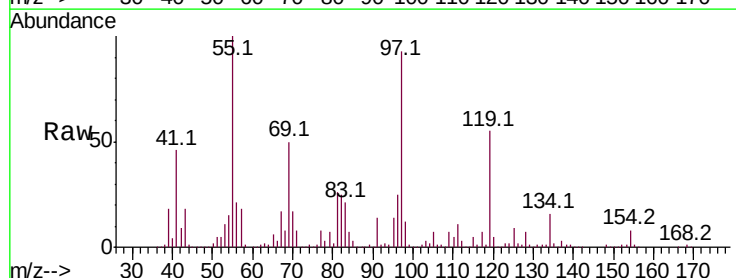
Tgt Ion: 82 Resp: 499809

Ion Ratio Lower Upper

82 100

128 28.8 35.7 53.5#

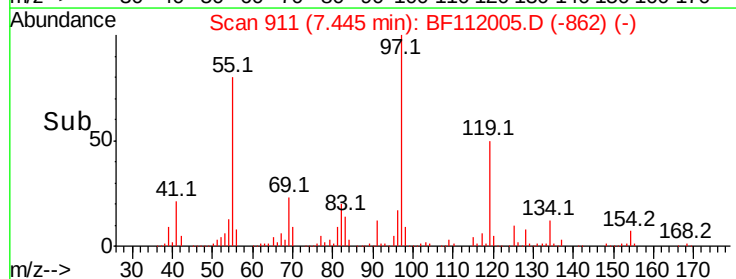
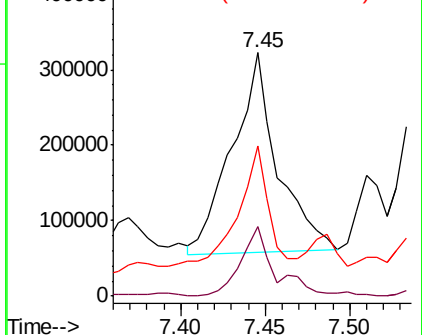
54 61.6 45.8 68.8

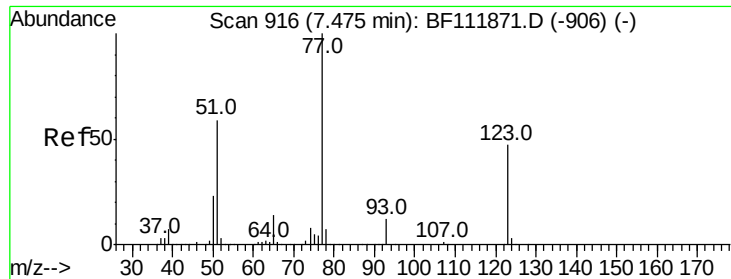


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

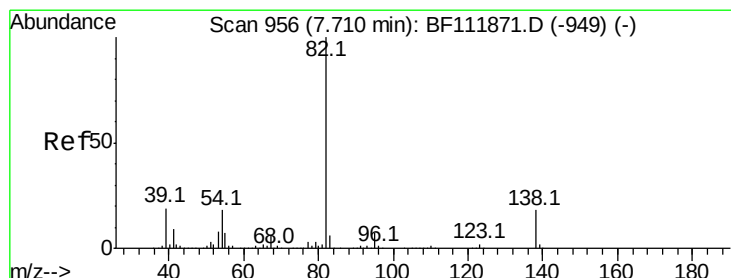
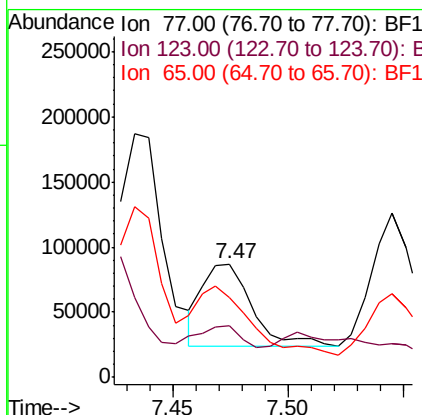
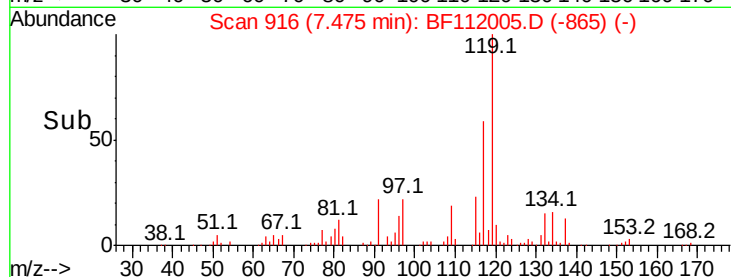
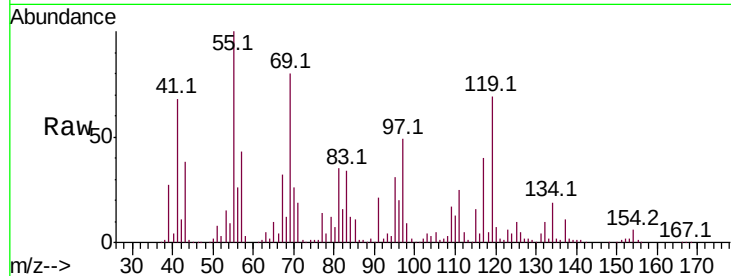




#24
 Nitrobenzene
 Concen: 25.316 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

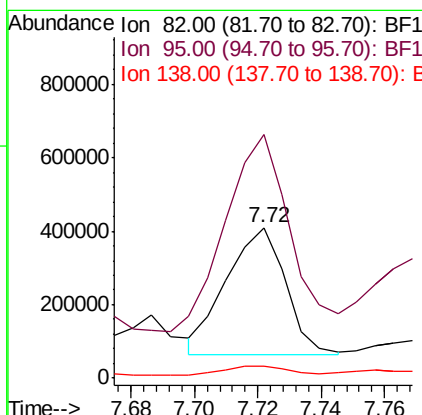
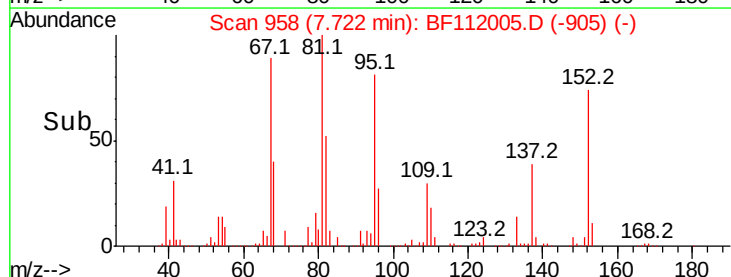
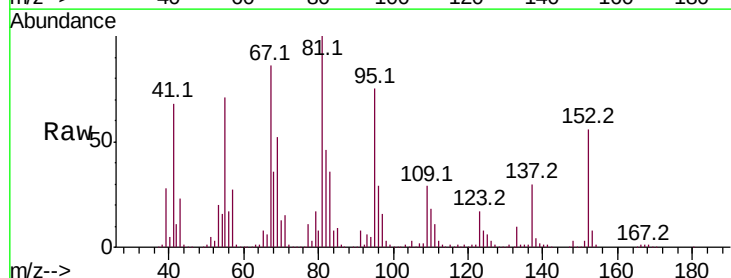
Instrument :
 BNA_F
 ClientSampled :

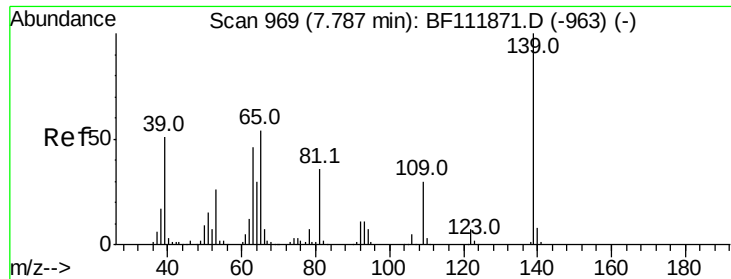
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.0	38.1	57.1
65	70.6	11.0	16.4#



#25
 Isophorone
 Concen: 76.245 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	162.1	5.8	8.6#
138	8.1	14.4	21.6#

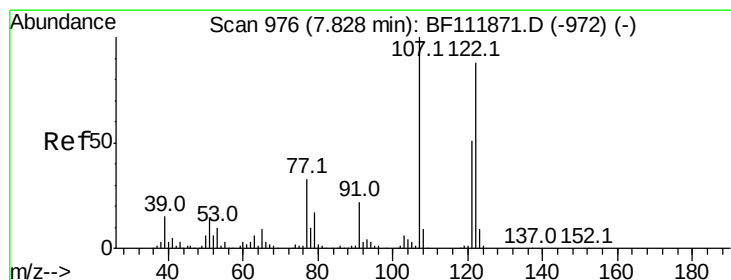
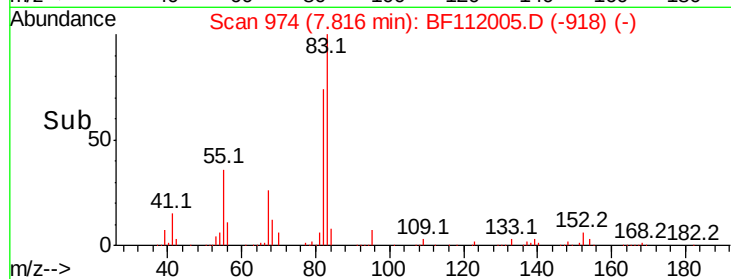
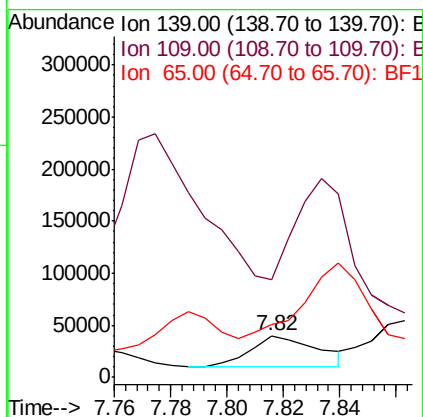
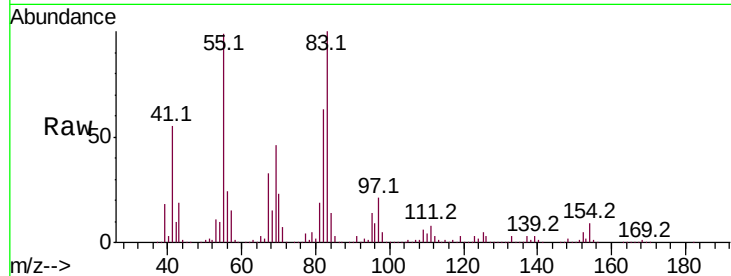




#26
2-Nitrophenol
Concen: 27.054 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.03 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

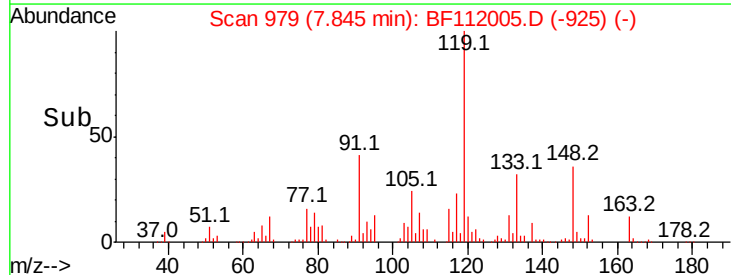
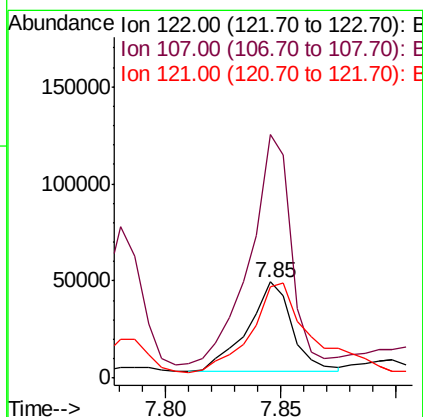
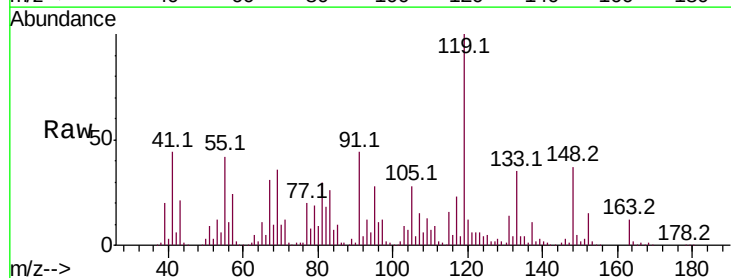
Instrument :
BNA_F
ClientSampleId :

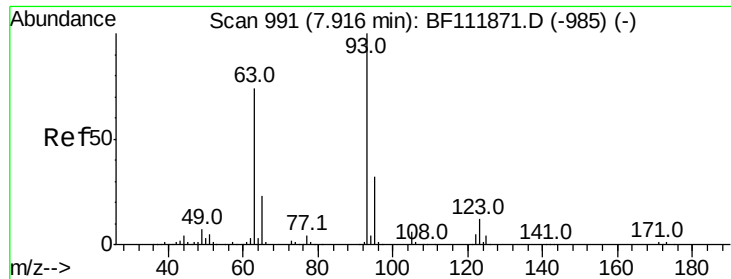
Tot Ion:139 Resp: 49064
Ion Ratio Lower Upper
139 100
109 235.2 24.1 36.1#
65 125.7 43.6 65.4#



#27
2,4-Dimethylphenol
Concen: 23.643 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:122 Resp: 61997
Ion Ratio Lower Upper
122 100
107 254.1 91.0 136.6#
121 94.7 46.8 70.2#





#28

bis(2-Chloroethoxy)methane

Concen: 6.034 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

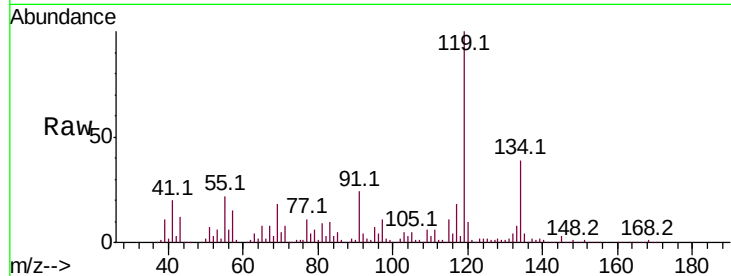
Tot Ion: 93 Resp: 23747

Ion Ratio Lower Upper

93 100

95 317.2 25.8 38.6#

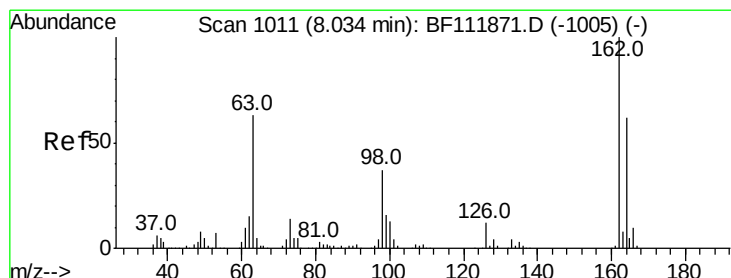
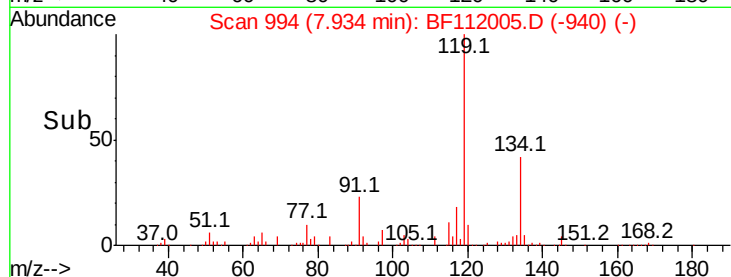
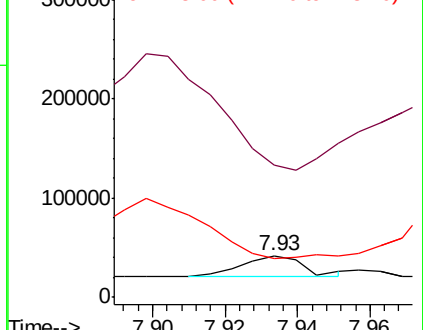
123 93.9 9.5 14.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#29

2,4-Dichlorophenol

Concen: 13.306 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

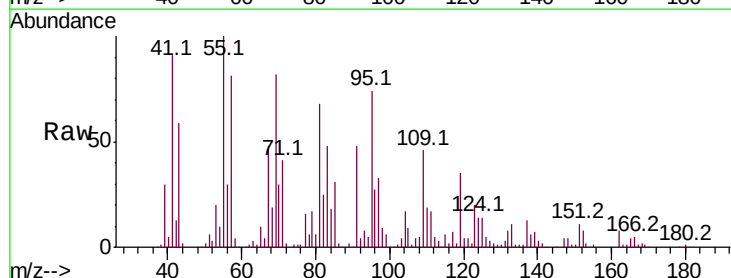
Tgt Ion: 162 Resp: 40121

Ion Ratio Lower Upper

162 100

164 8.1 42.1 82.1#

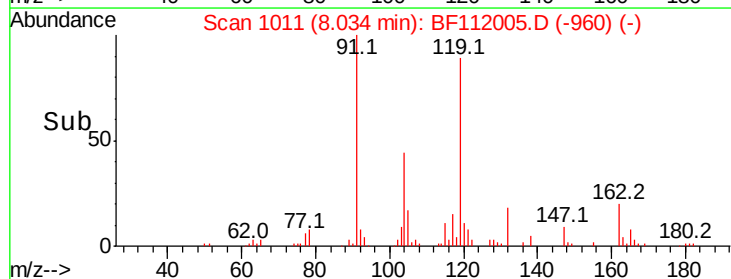
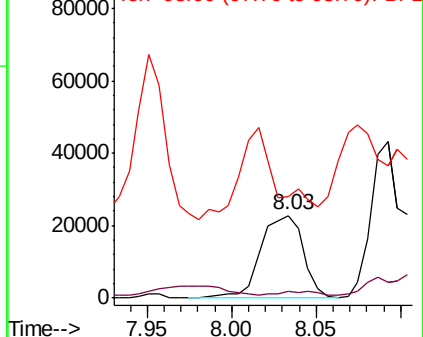
98 122.8 17.2 57.2#

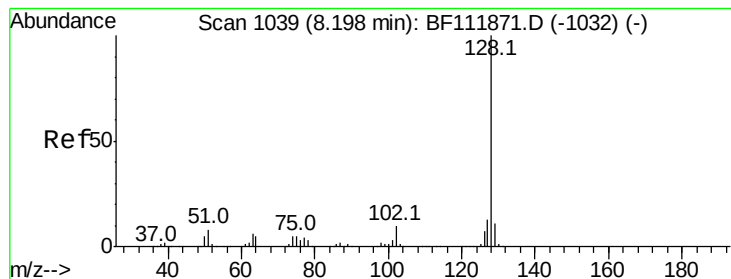


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1





#31

Naphthalene

Concen: 13.681 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

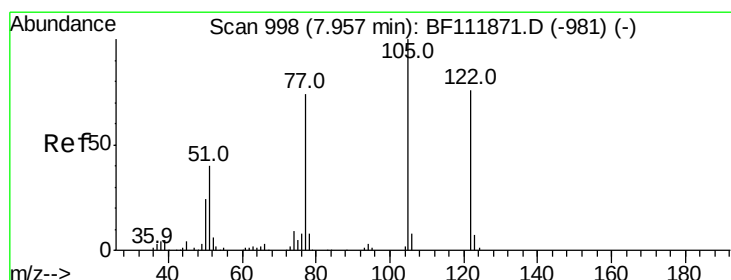
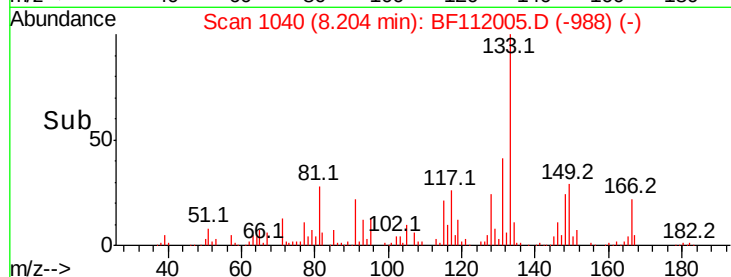
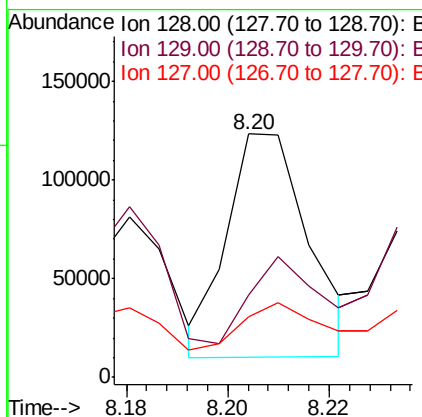
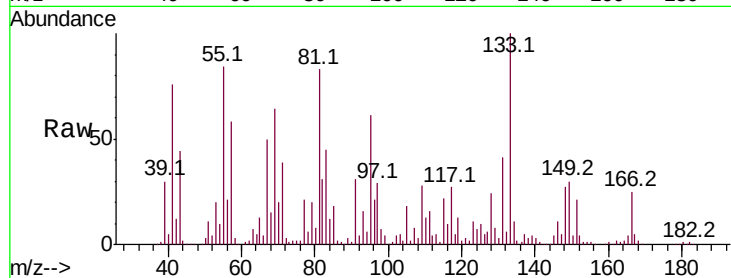
Tot Ion:128 Resp: 126382

Ion Ratio Lower Upper

128 100

129 34.1 9.0 13.4#

127 25.0 10.7 16.1#



#32

Benzoic acid

Concen: 26.026 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.03 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

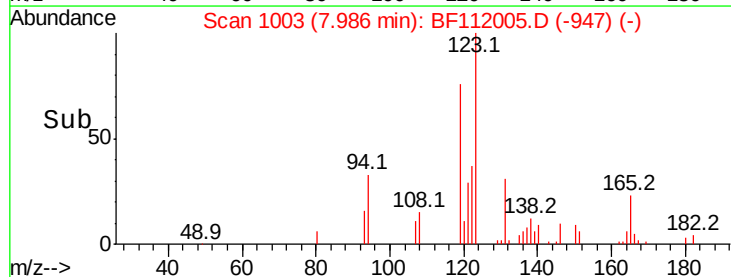
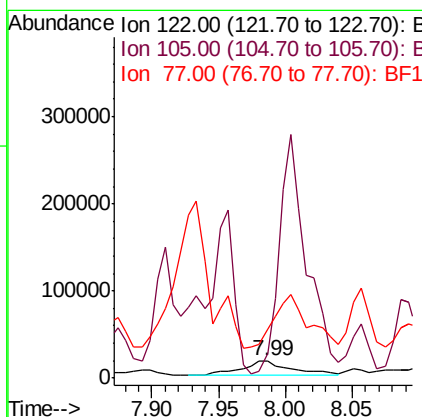
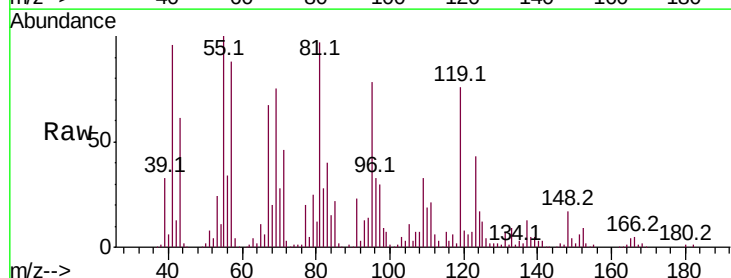
Tgt Ion:122 Resp: 44287

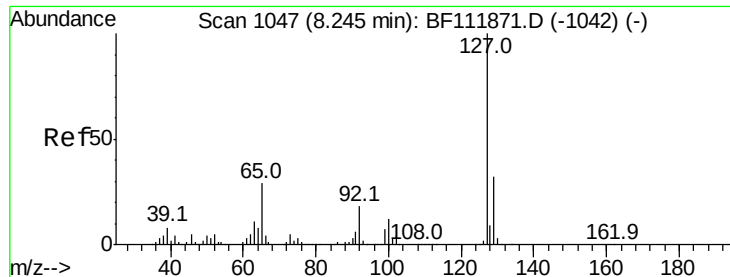
Ion Ratio Lower Upper

122 100

105 143.6 107.9 147.9

77 277.3 76.6 116.6#

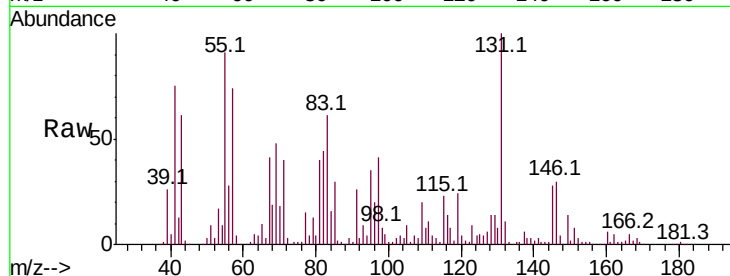




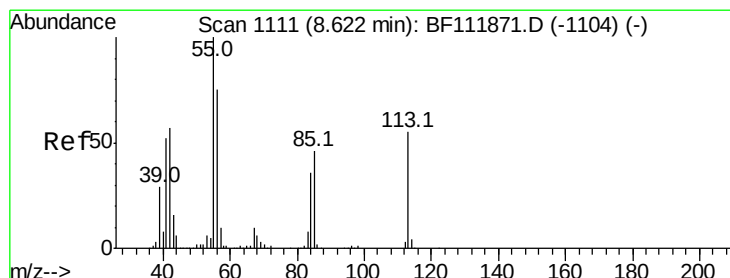
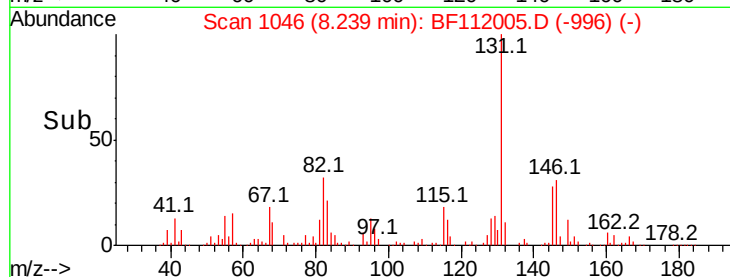
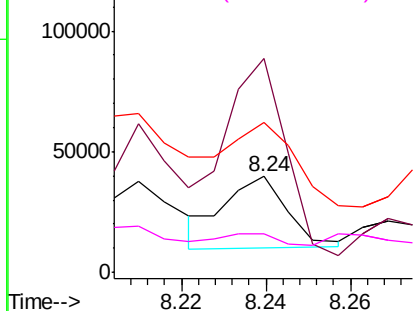
#33
4-Chloroaniline
Concen: 7.681 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	223.7	25.8	38.6#
65	156.4	23.5	35.3#
92	40.1	14.2	21.2#

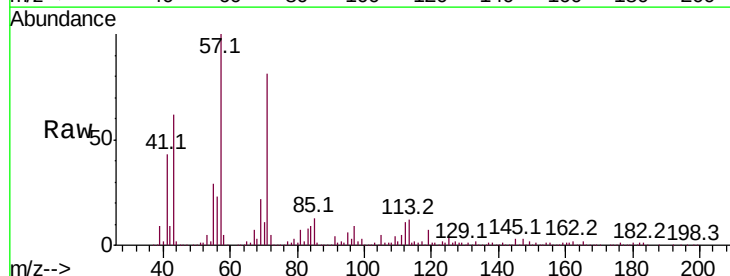


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

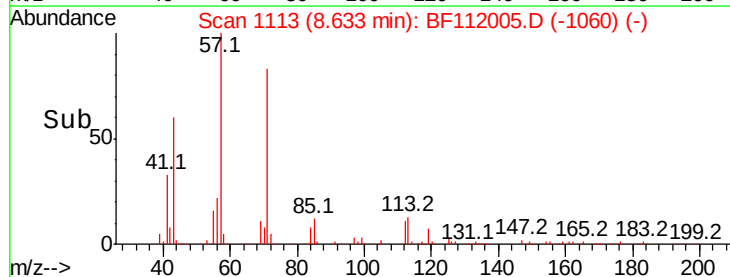
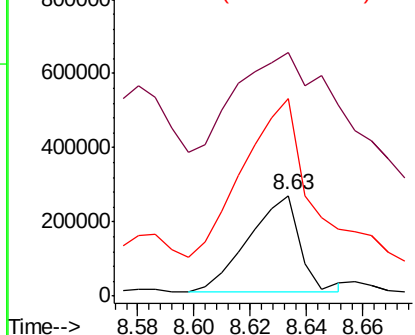


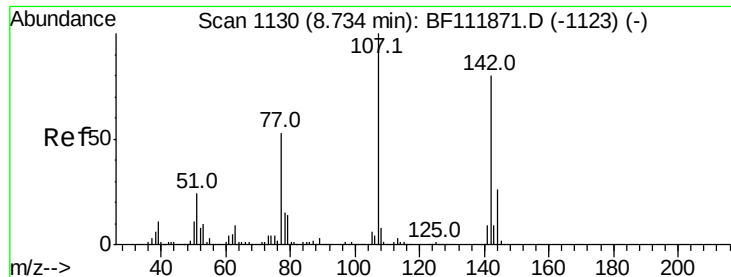
#35
Caprolactam
Concen: 336.575 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
113	100		
55	242.6	162.0	202.0#
56	196.7	116.0	156.0#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

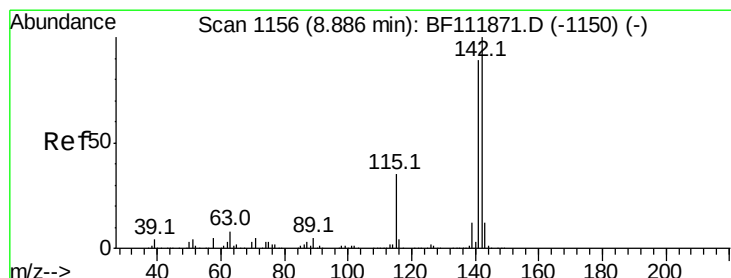
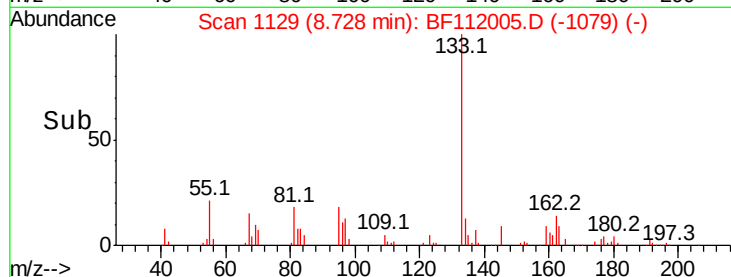
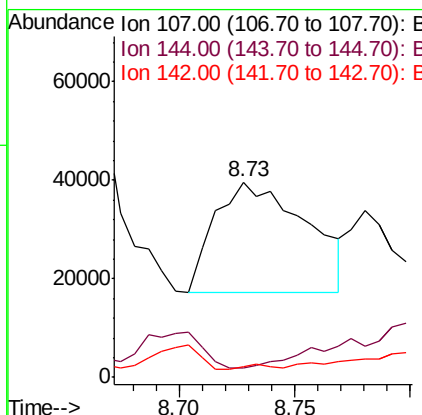
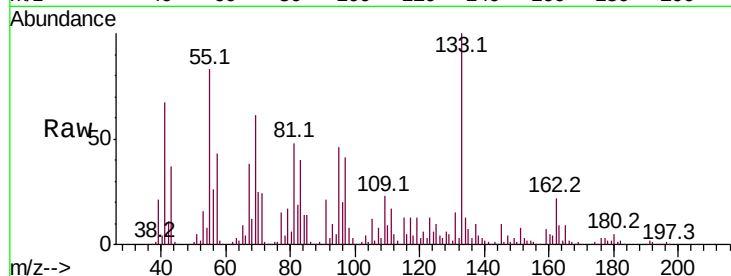




#36
4-Chloro-3-methylphenol
Concen: 20.489 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

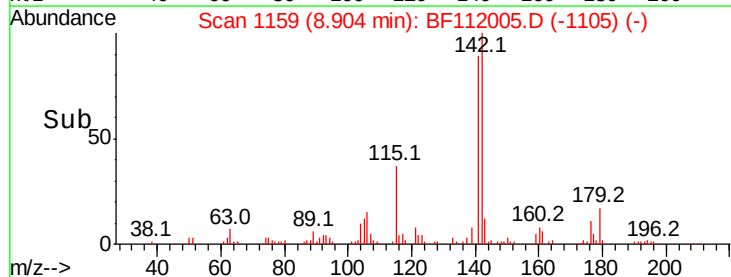
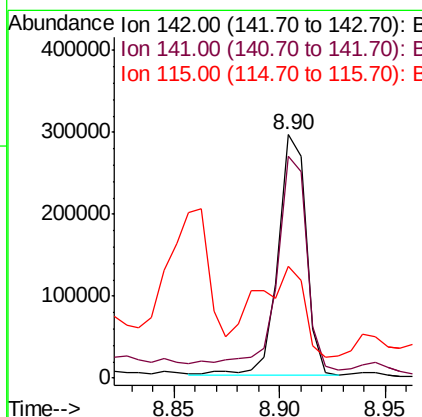
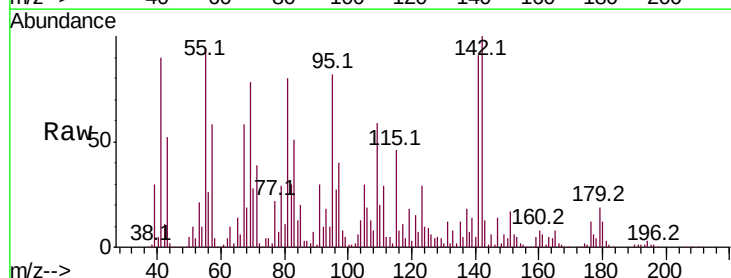
Instrument :
BNA_F
ClientSampleId :

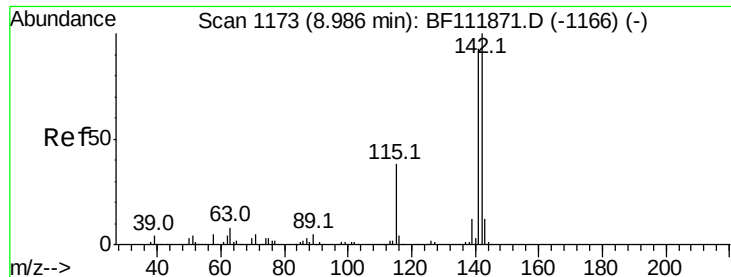
Tot Ion:107 Resp: 61426
Ion Ratio Lower Upper
107 100
144 5.0 20.7 31.1#
142 5.5 63.9 95.9#



#37
2-Methylnaphthalene
Concen: 47.725 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.02 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:142 Resp: 273182
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.2
115 45.8 28.3 42.5#

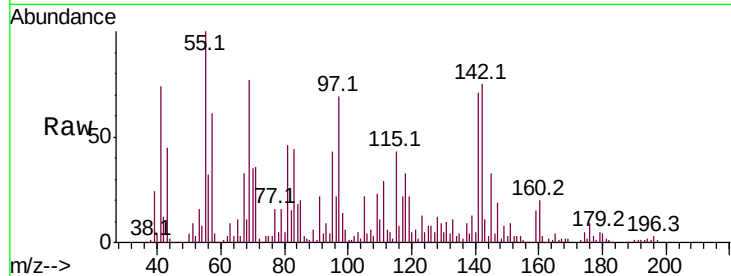




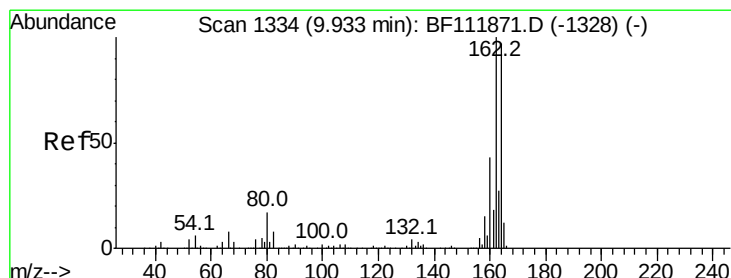
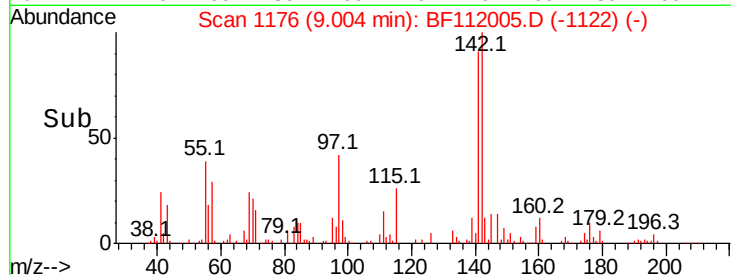
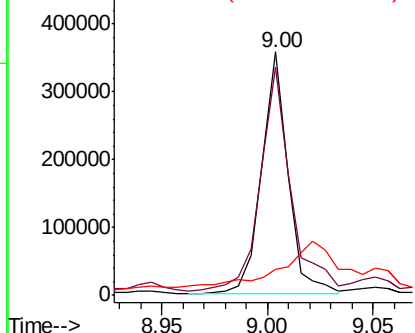
#38
1-Methylnaphthalene
Concen: 57.519 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 315790
Ion Ratio Lower Upper
142 100
141 93.9 74.8 112.2
116 10.7 3.1 4.7#

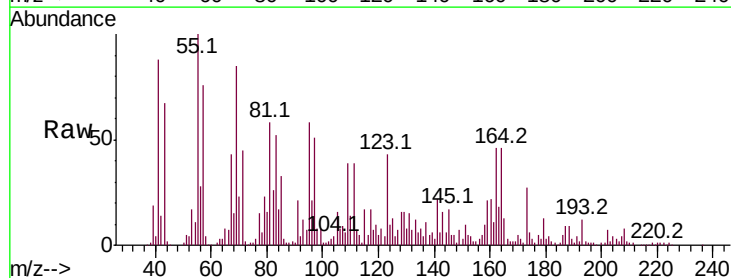


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

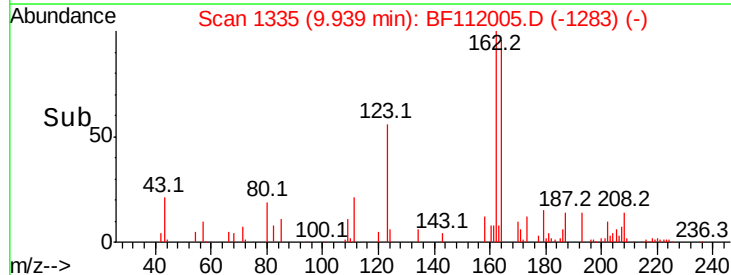
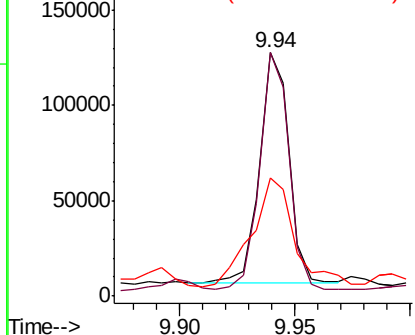


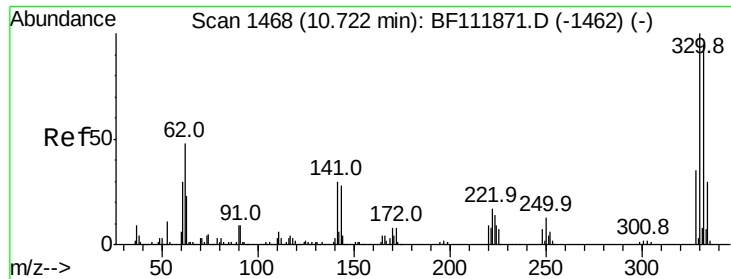
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:164 Resp: 108433
Ion Ratio Lower Upper
164 100
162 99.9 82.2 123.2
160 48.5 35.5 53.3



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

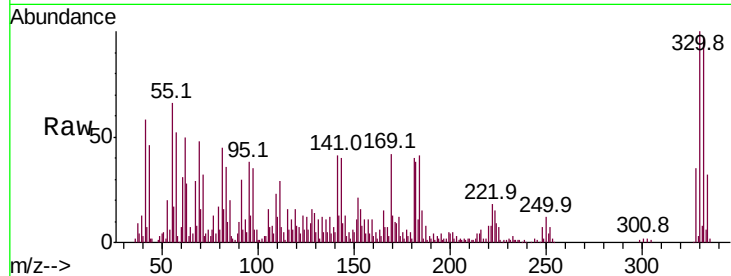




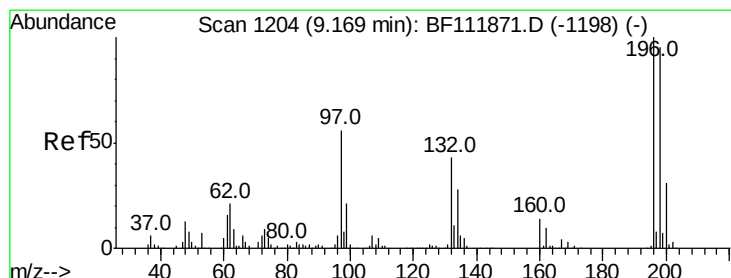
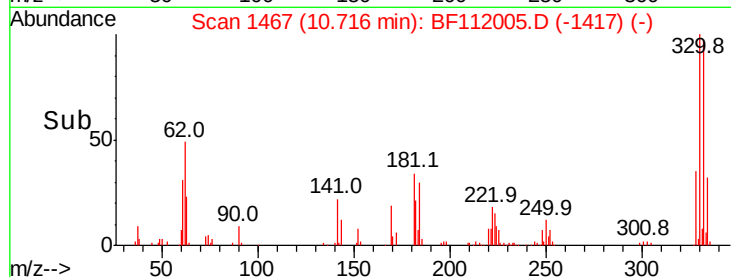
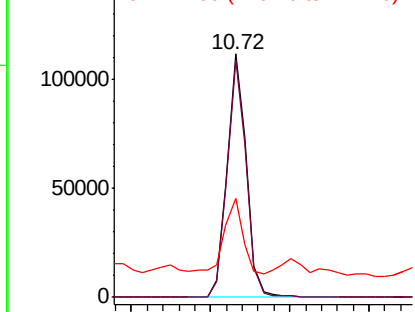
#42
 2,4,6-Tribromophenol
 Concen: 66.194 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	29.6	23.7	35.5

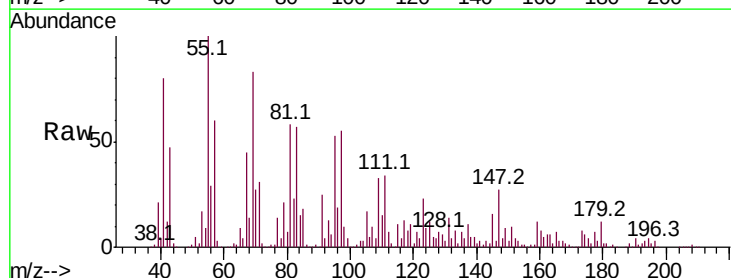


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

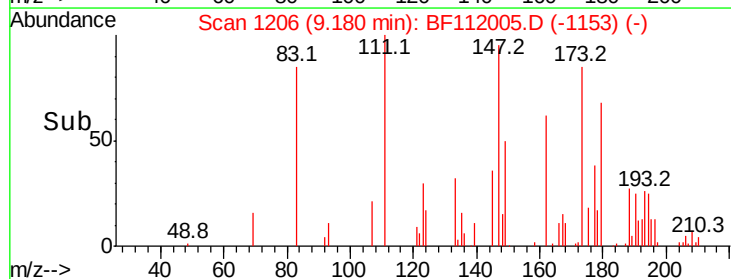
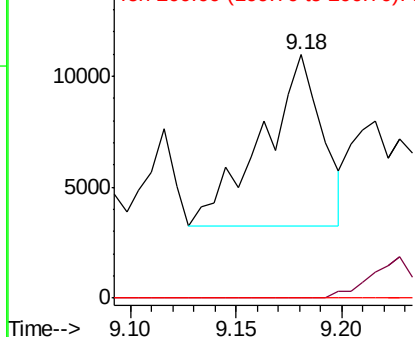


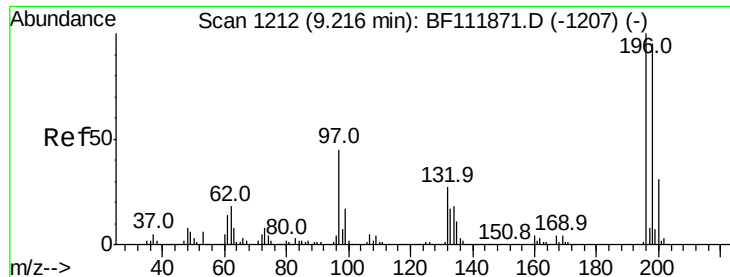
#43
 2,4,6-Trichlorophenol
 Concen: 6.494 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.8	113.8#
200	0.0	24.5	36.7#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

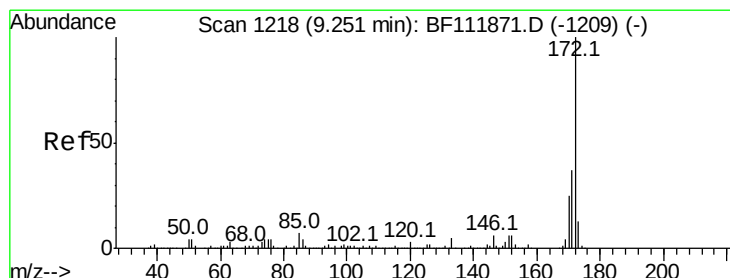
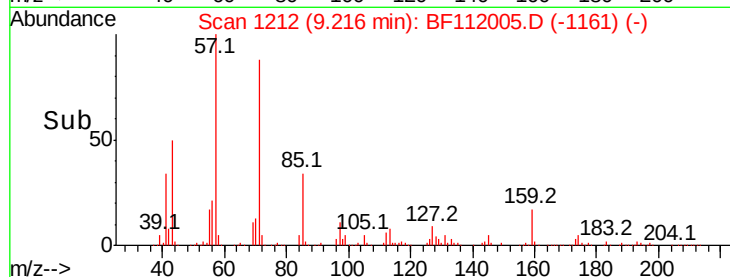
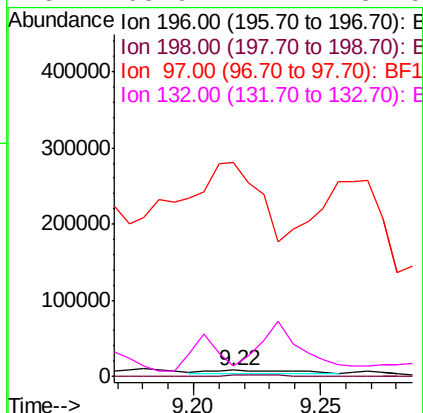
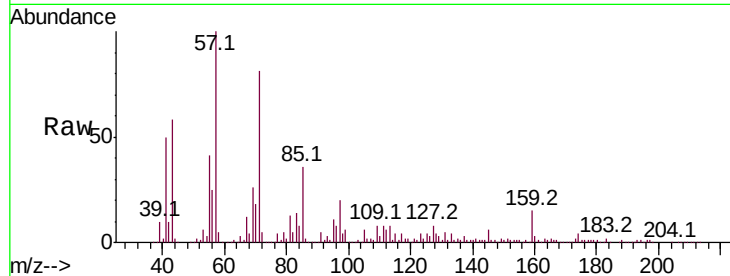




#44
 2,4,5-Trichlorophenol
 Concen: 5.223 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

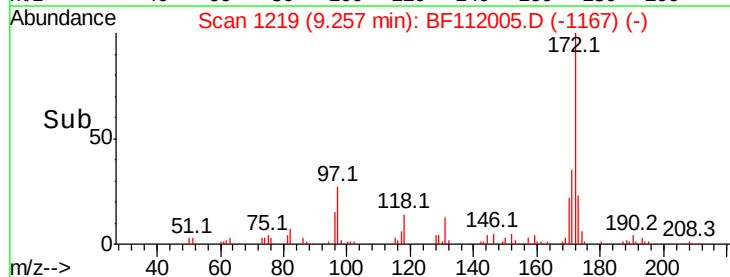
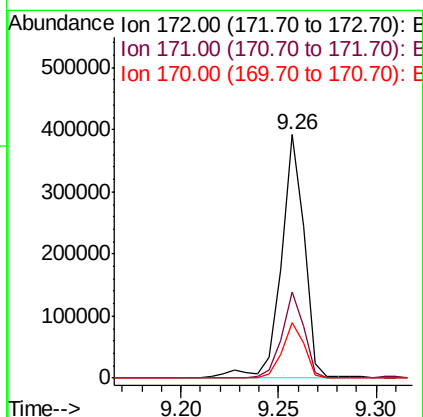
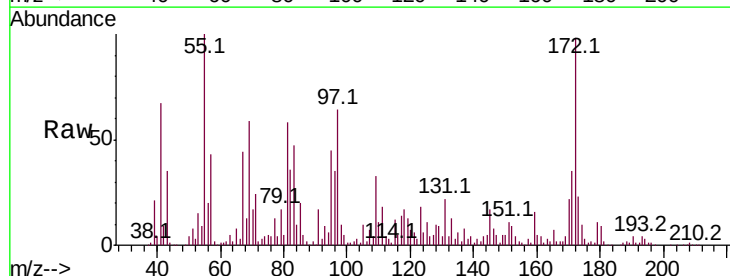
Instrument :
 BNA_F
 ClientSampleId :

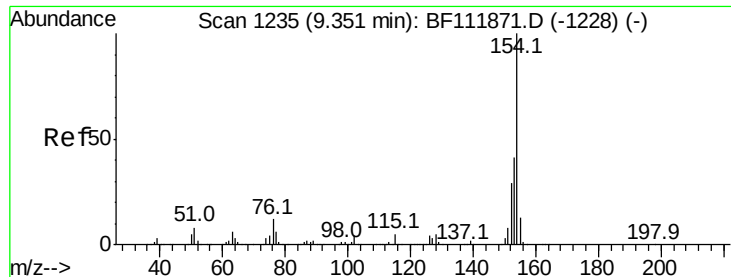
Tot Ion:196 Resp: 12830
 Ion Ratio Lower Upper
 196 100
 198 15.0 76.2 114.2#
 97 3530.1 36.4 54.6#
 132 165.9 21.7 32.5#



#45
 2-Fluorobiphenyl
 Concen: 42.885 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Tgt Ion:172 Resp: 318896
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 22.7 19.8 29.8

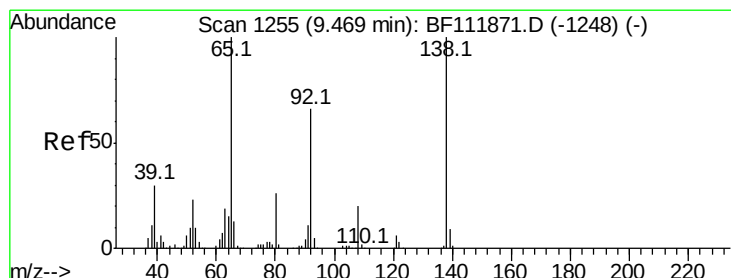
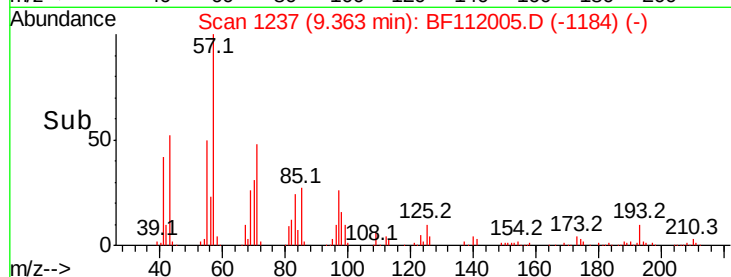
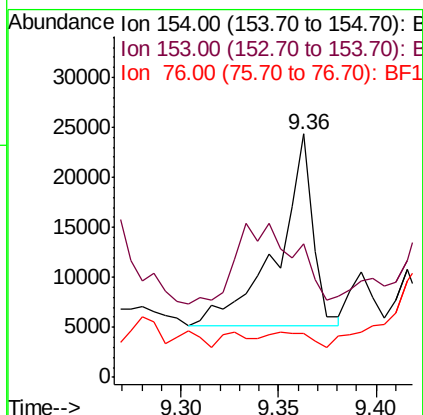
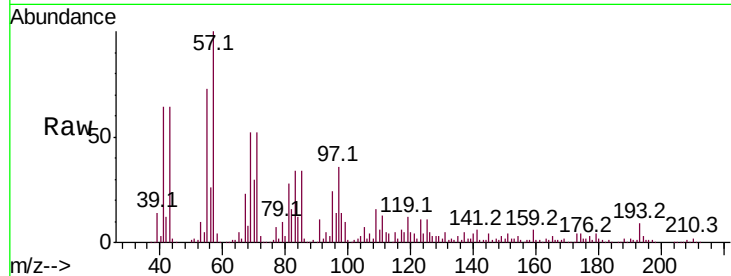




#46
1,1'-Biphenyl
Concen: 2.661 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

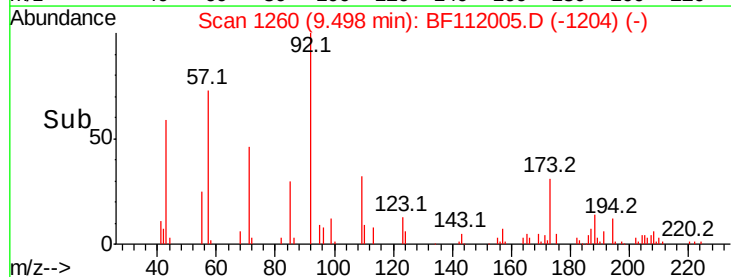
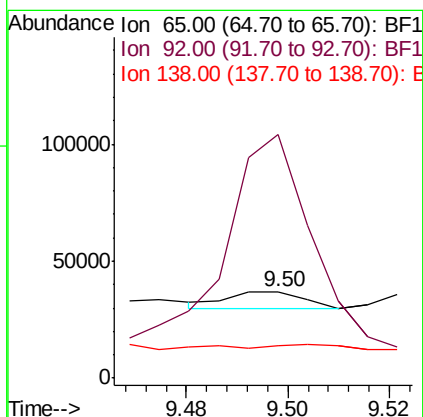
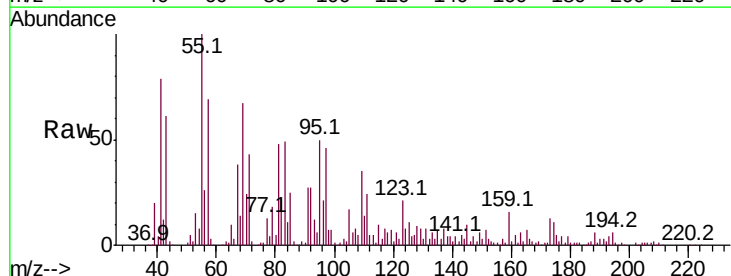
Instrument :
BNA_F
ClientSampled :

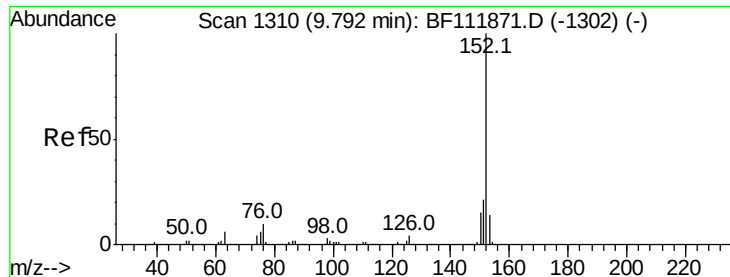
Tot Ion:154 Resp: 24138
Ion Ratio Lower Upper
154 100
153 54.7 21.3 61.3
76 18.2 0.0 32.3



#48
2-Nitroaniline
Concen: 3.640 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.03 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion: 65 Resp: 7922
Ion Ratio Lower Upper
65 100
92 281.1 52.5 78.7#
138 37.0 79.8 119.6#





#49

Acenaphthylene

Concen: 2.800 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampled :

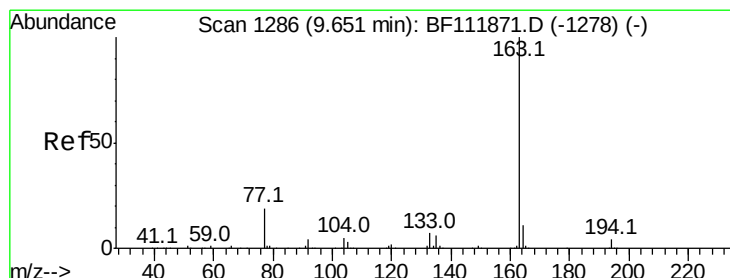
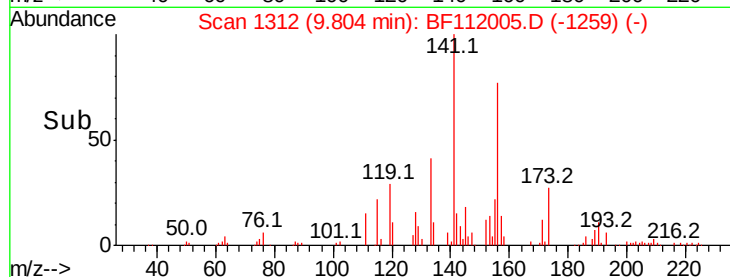
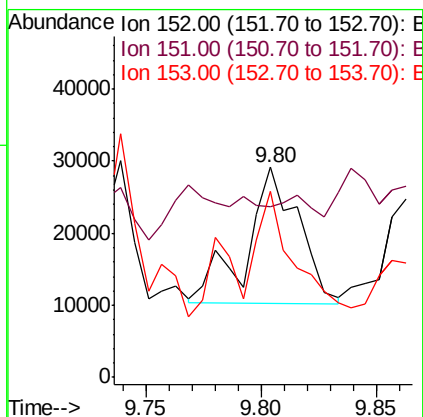
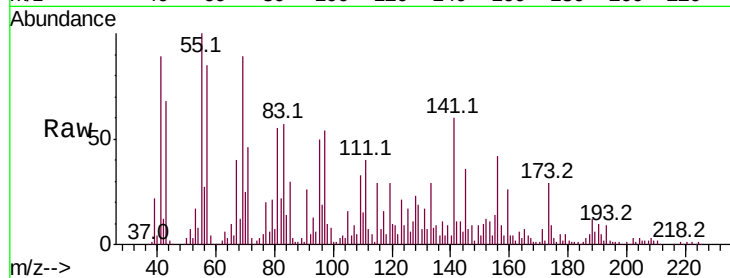
Tot Ion:152 Resp: 29471

Ion Ratio Lower Upper

152 100

151 81.2 16.6 25.0#

153 88.7 11.0 16.4#



#50

Dimethylphthalate

Concen: 6.589 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

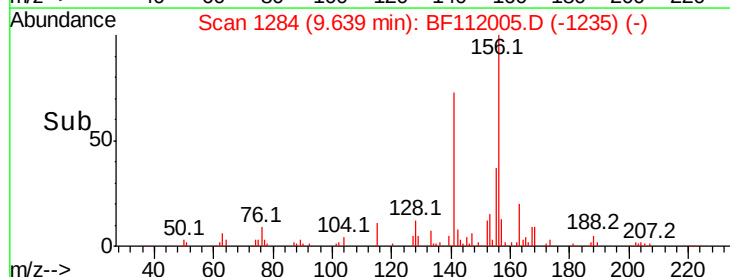
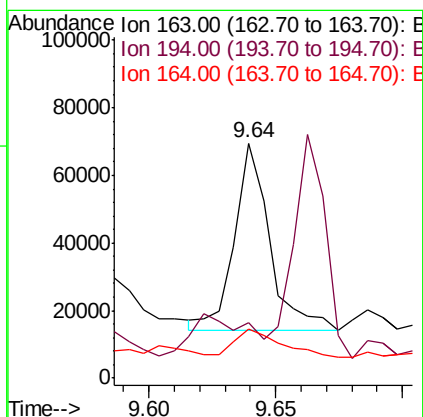
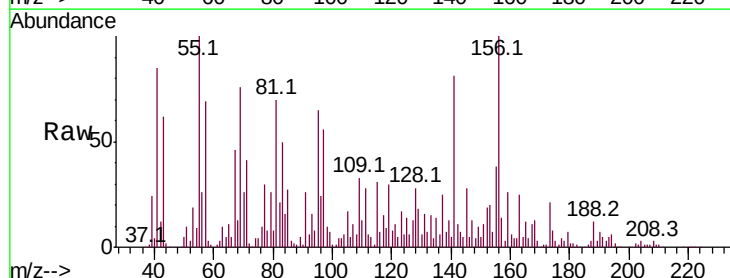
Tgt Ion:163 Resp: 53672

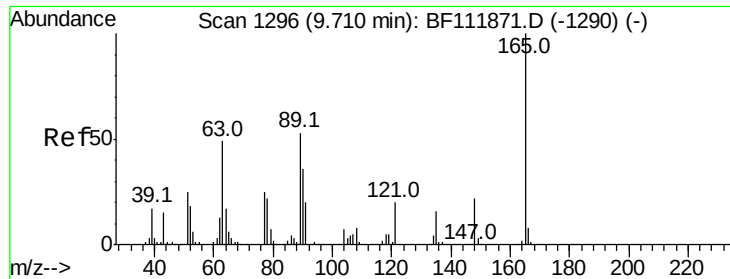
Ion Ratio Lower Upper

163 100

194 23.4 3.4 5.2#

164 21.0 8.5 12.7#





#51

2,6-Dinitrotoluene

Concen: 8.429 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

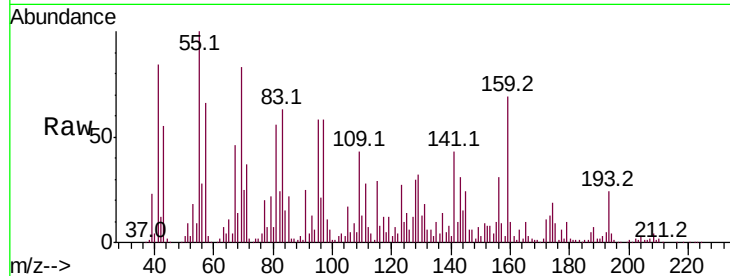
Tot Ion:165 Resp: 15354

Ion Ratio Lower Upper

165 100

63 70.4 46.2 69.2#

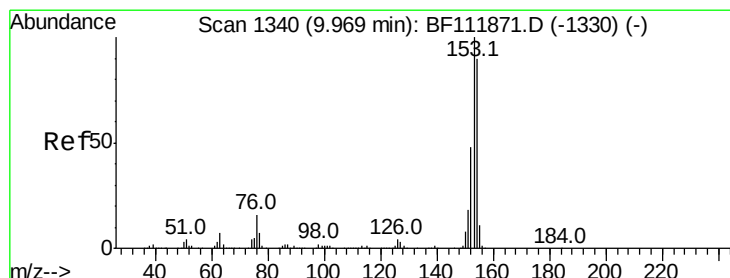
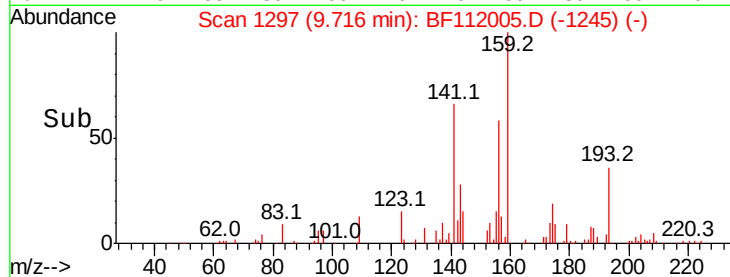
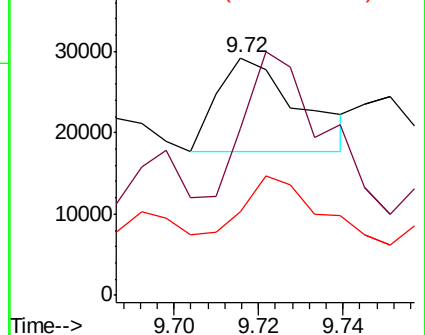
89 35.2 42.2 63.2#



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: 14.610 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

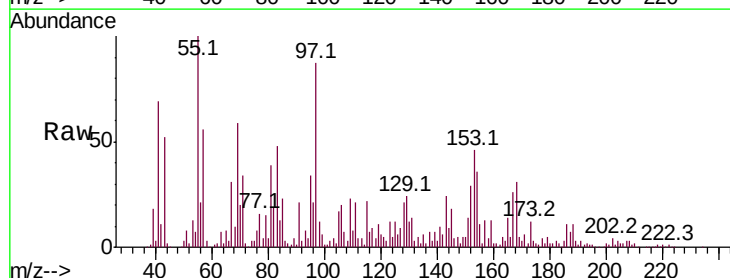
Tgt Ion:154 Resp: 99123

Ion Ratio Lower Upper

154 100

153 130.6 89.4 134.0

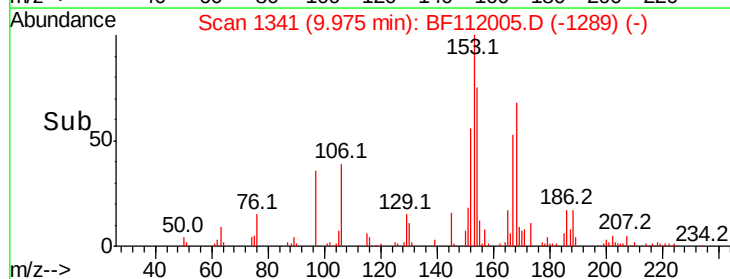
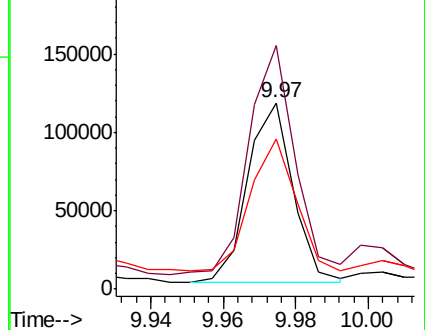
152 80.6 43.1 64.7#

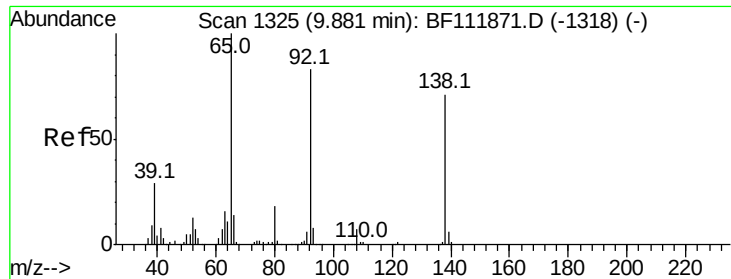


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

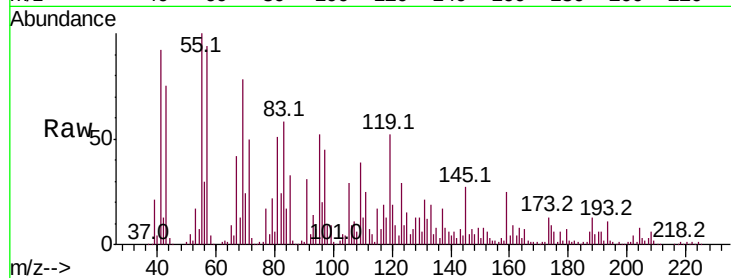




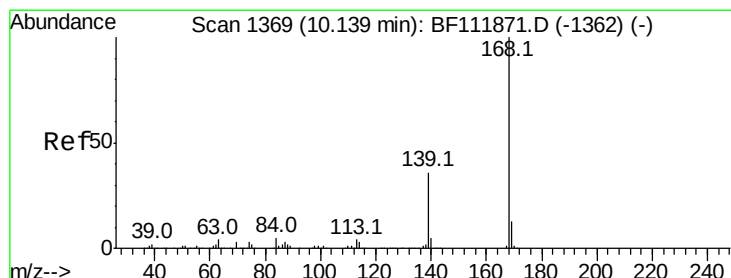
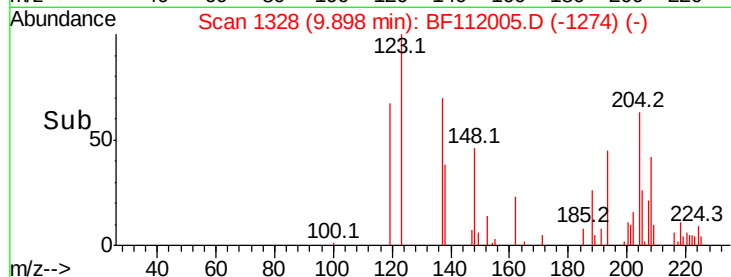
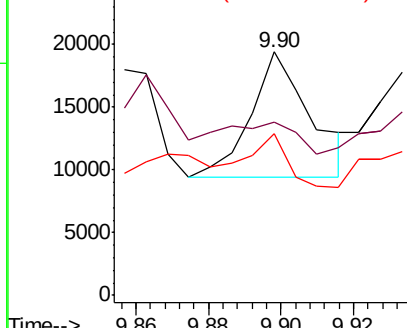
#53
3-Nitroaniline
Concen: 5.862 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 11435
Ion Ratio Lower Upper
138 100
108 71.3 8.2 12.4#
92 66.3 93.5 140.3#

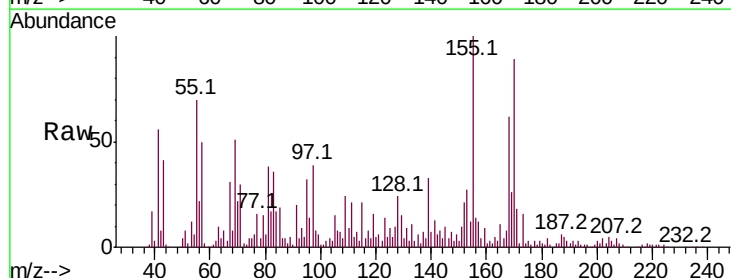


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

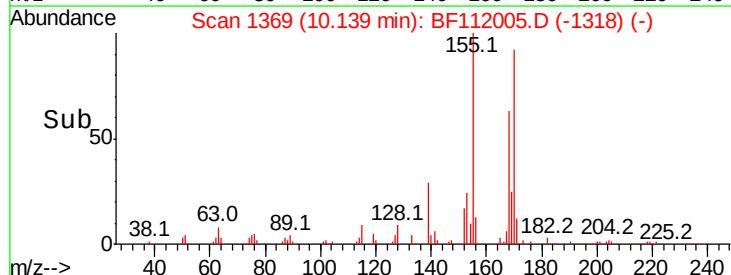
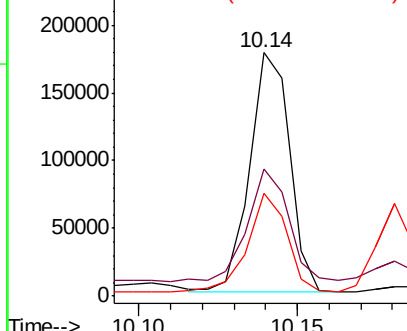


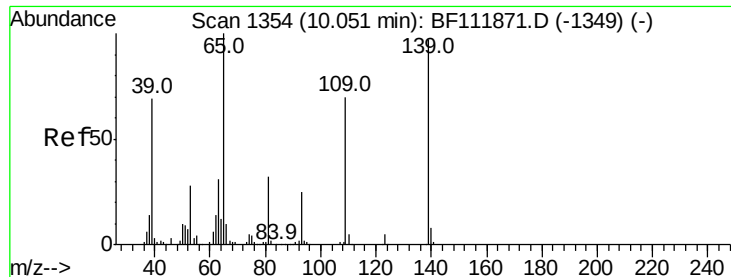
#55
Dibenzofuran
Concen: 15.753 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:168 Resp: 155439
Ion Ratio Lower Upper
168 100
139 52.2 29.3 43.9#
169 42.0 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

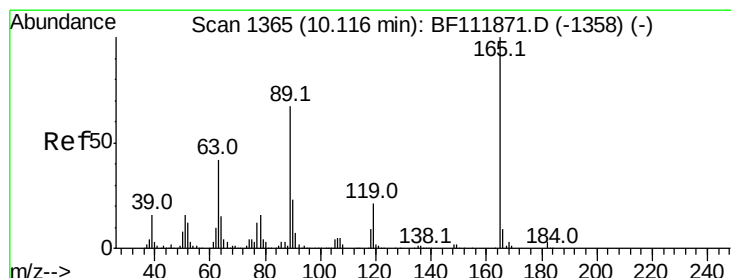
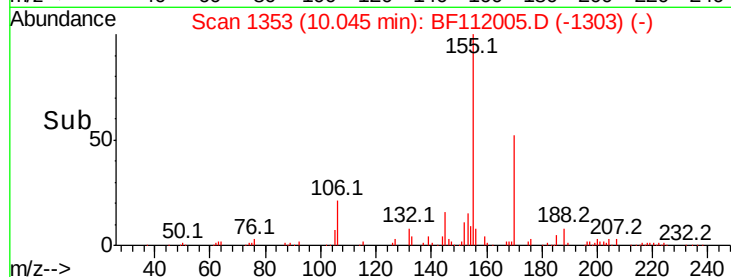
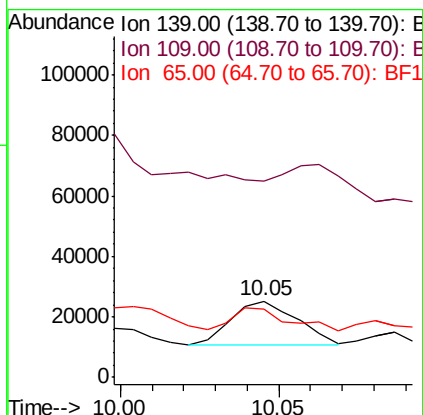
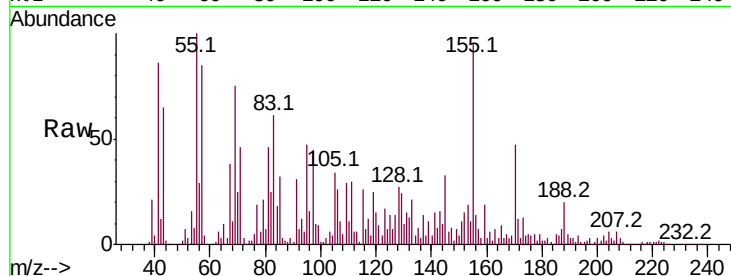




#56
4-Nitrophenol
Concen: 14.989 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

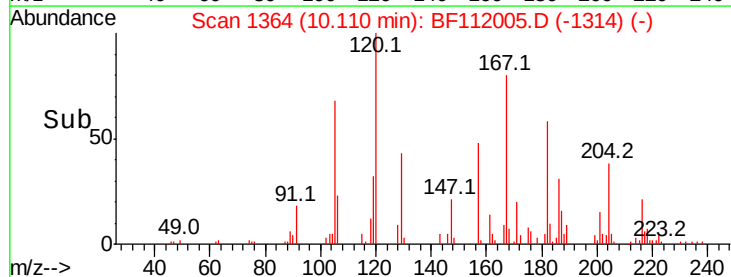
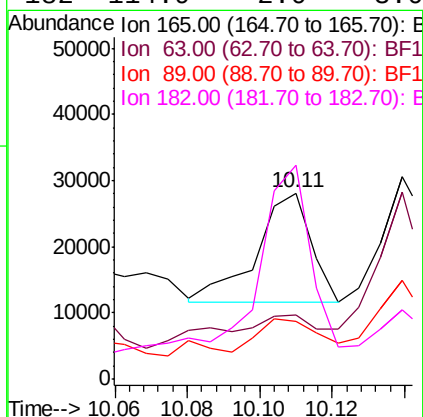
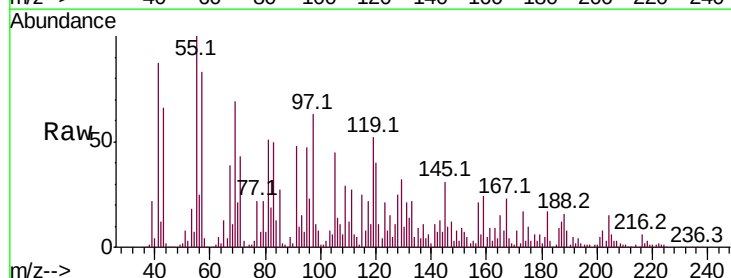
Instrument :
BNA_F
ClientSampleId :

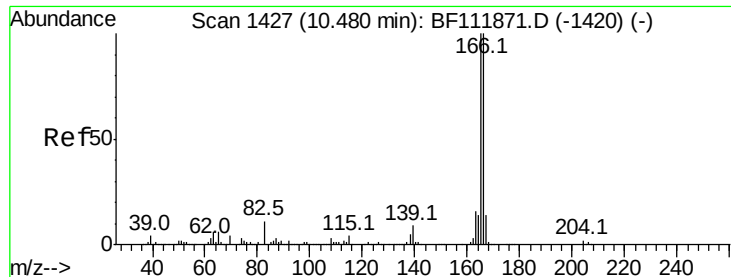
Tot Ion:139 Resp: 20660
Ion Ratio Lower Upper
139 100
109 256.9 52.2 92.2#
65 89.3 83.1 123.1



#57
2,4-Dinitrotoluene
Concen: 7.303 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:165 Resp: 17190
Ion Ratio Lower Upper
165 100
63 34.3 34.1 51.1
89 30.9 53.5 80.3#
182 114.9 2.0 3.0#

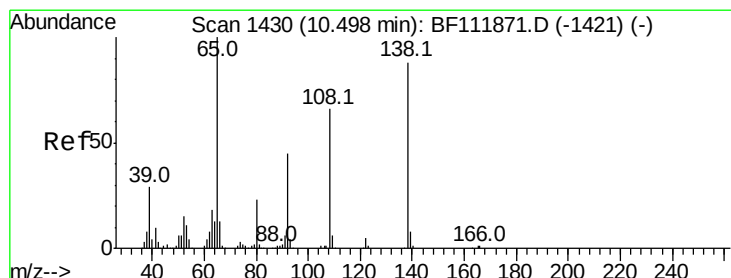
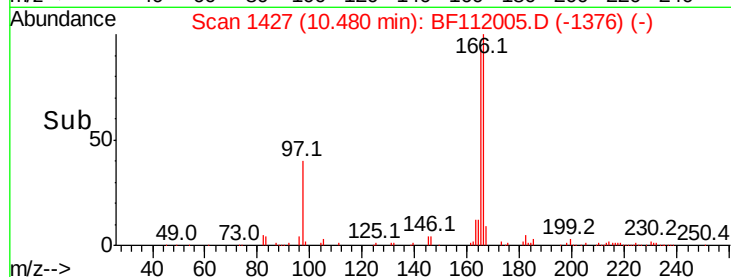
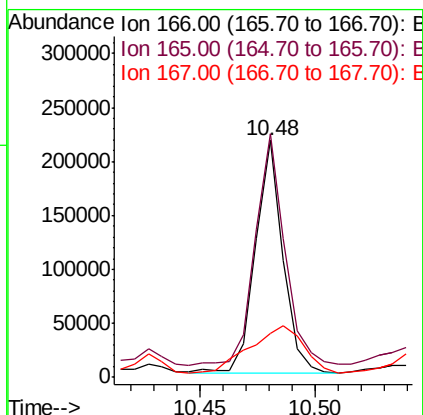
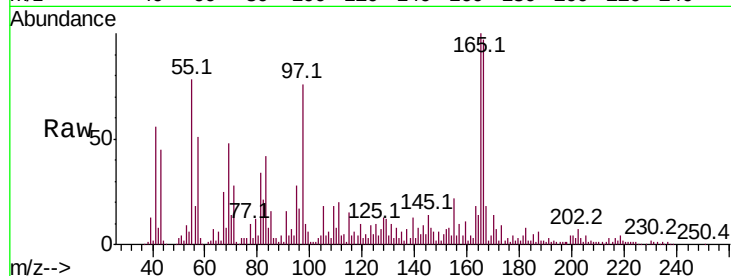




#58
 Fluorene
 Concen: 25.070 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

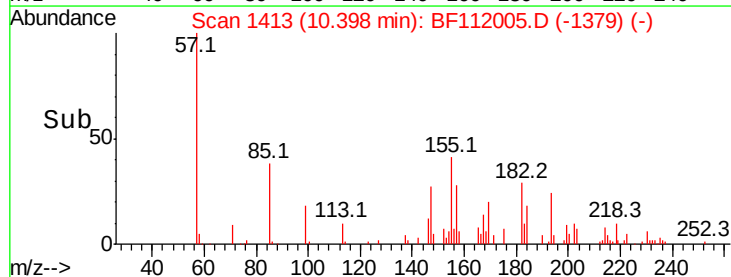
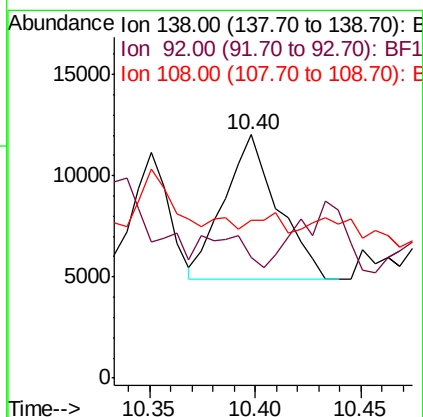
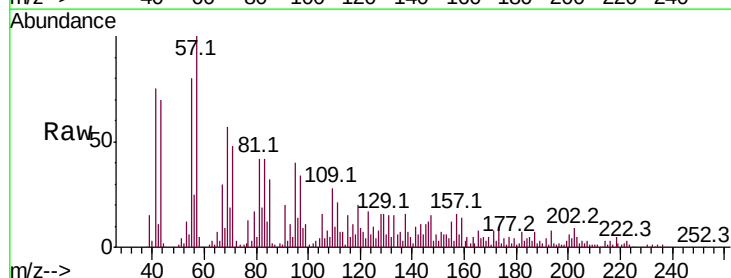
Instrument :
 BNA_F
 ClientSampleId :

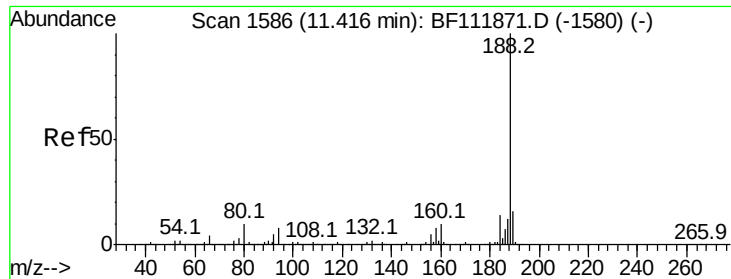
Tot Ion:166 Resp: 180002
 Ion Ratio Lower Upper
 166 100
 165 102.8 79.7 119.5
 167 18.7 11.1 16.7#



#62
 4-Nitroaniline
 Concen: 6.865 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.10 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Tgt Ion:138 Resp: 12702
 Ion Ratio Lower Upper
 138 100
 92 49.6 31.0 71.0
 108 64.9 54.7 94.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

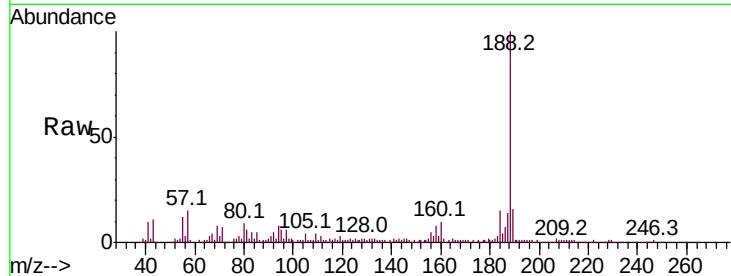
Tot Ion:188 Resp: 258264

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

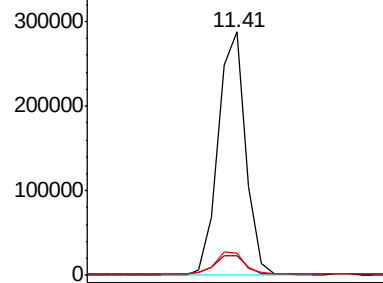
80 9.0 7.7 11.5



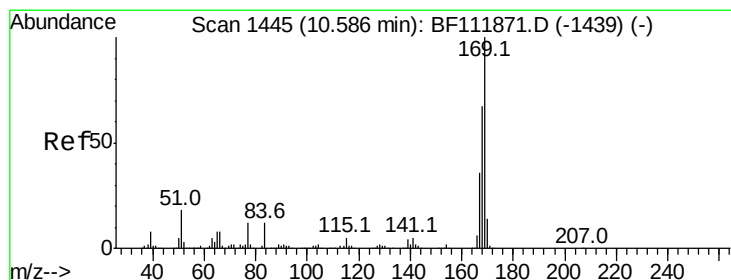
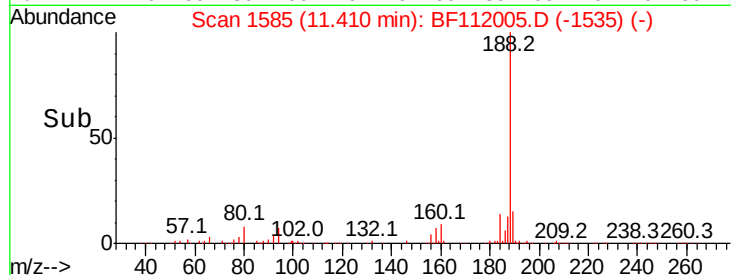
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#66

n-Nitrosodiphenylamine

Concen: 12.633 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

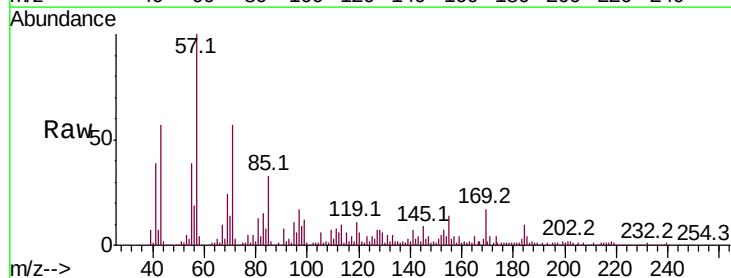
Tgt Ion:169 Resp: 109483

Ion Ratio Lower Upper

169 100

168 18.5 53.8 80.6#

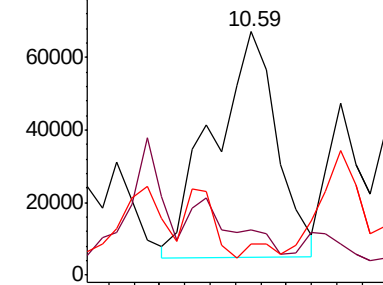
167 12.6 29.1 43.7#



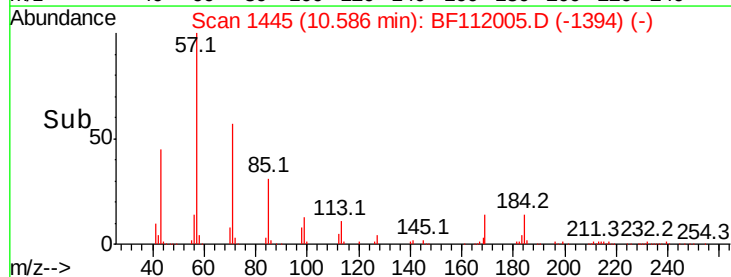
Abundance Ion 169.00 (168.70 to 169.70): E

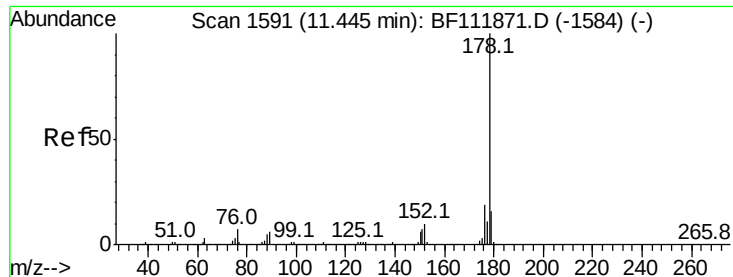
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#71

Phenanthrene

Concen: 37.891 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

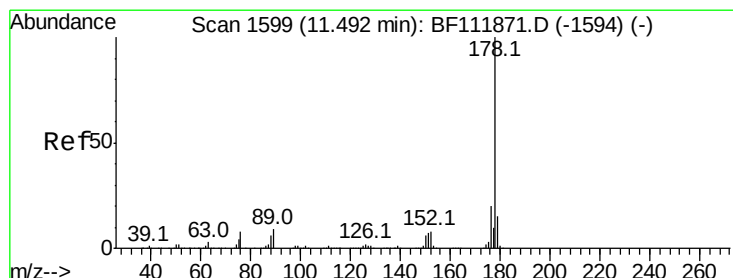
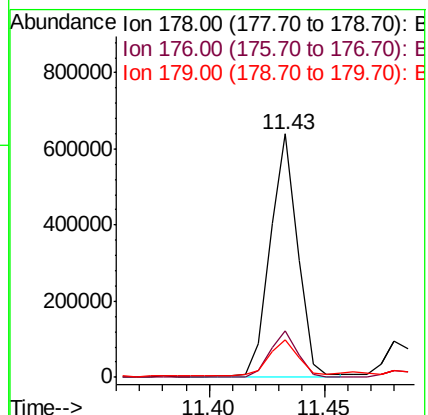
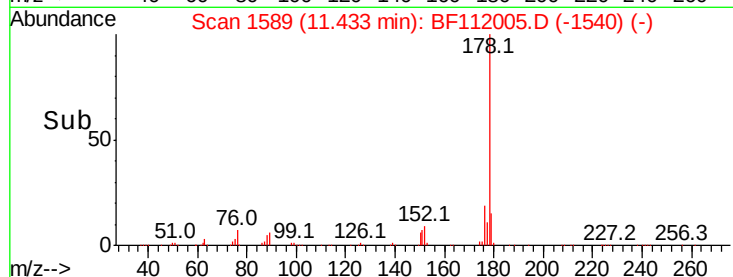
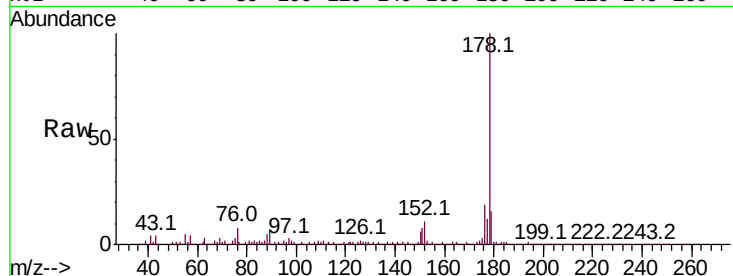
Tot Ion:178 Resp: 523204

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.6 12.6 18.8



#72

Anthracene

Concen: 37.326 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.06 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

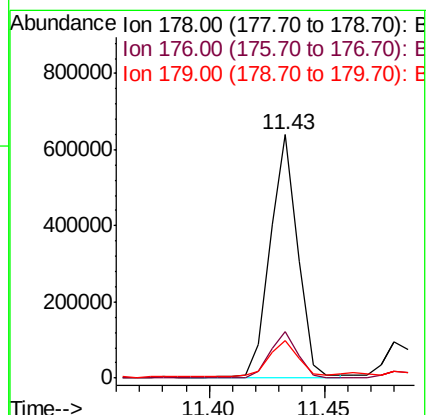
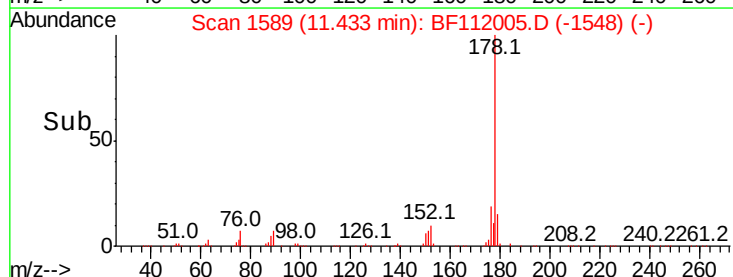
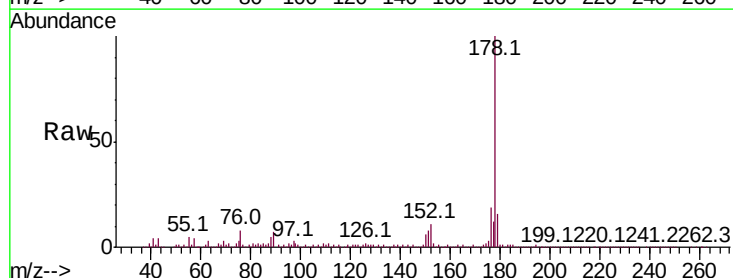
Tgt Ion:178 Resp: 523204

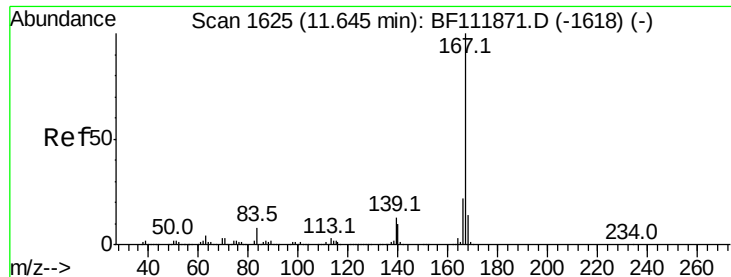
Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.6 12.4 18.6

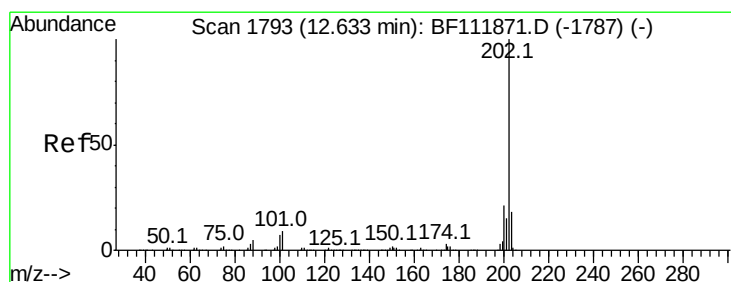
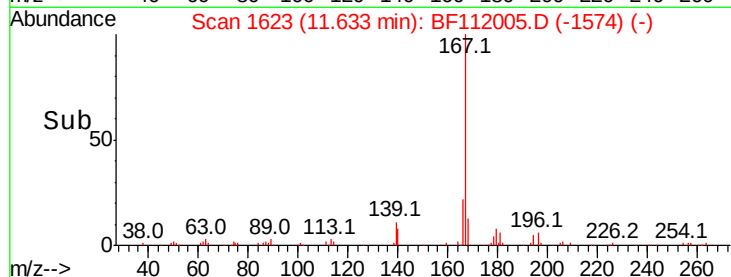
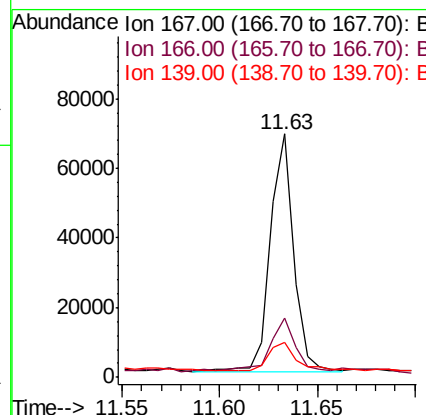
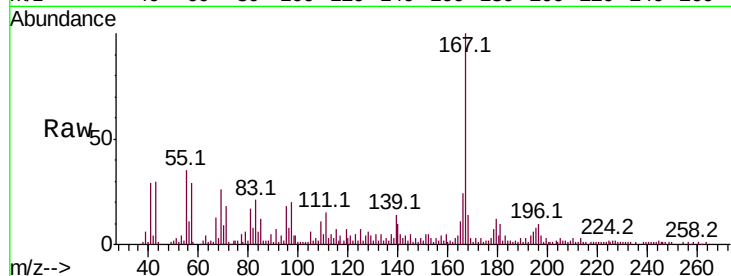




#73
 Carbazole
 Concen: 4.170 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

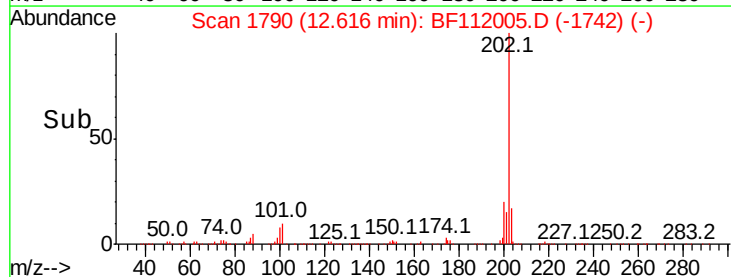
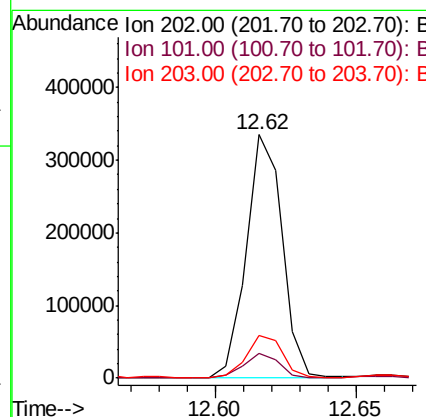
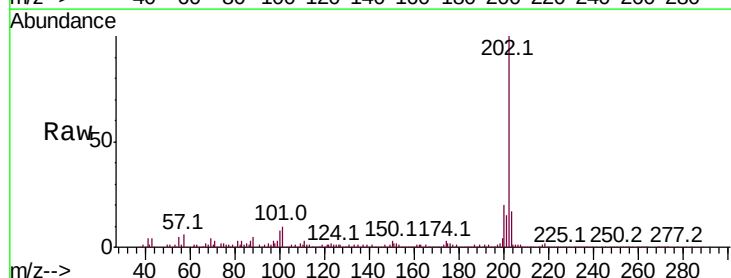
Instrument :
 BNA_F
 ClientSampleId :

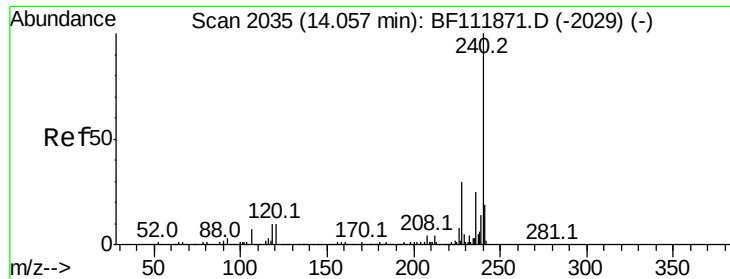
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.8	26.6
139	14.4	10.6	16.0



#75
 Fluoranthene
 Concen: 20.753 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.3
203	17.5	0.0	37.6

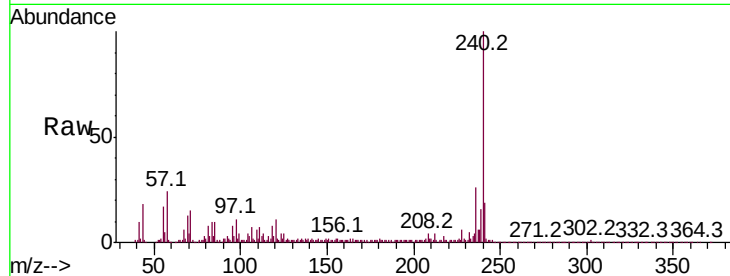




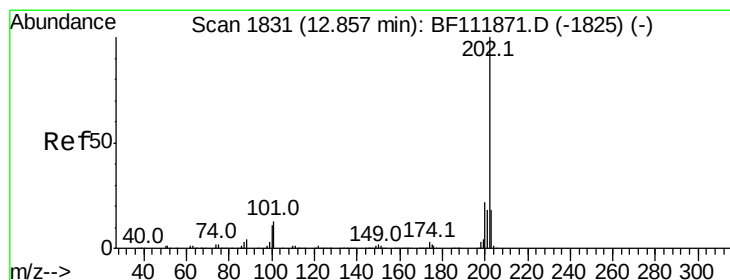
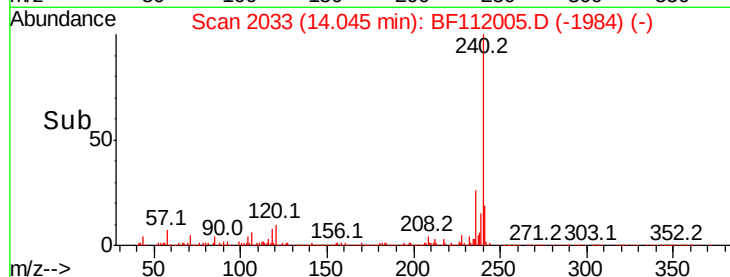
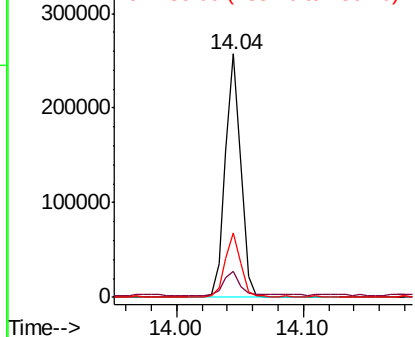
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	26.3	20.2	30.4

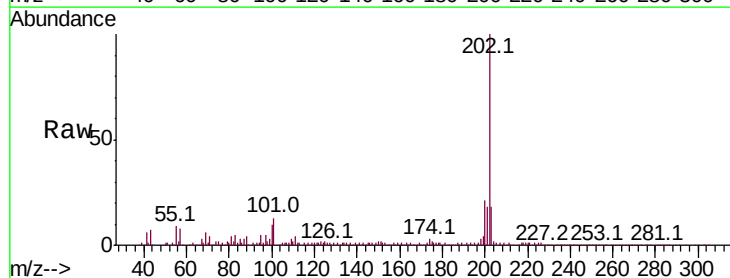


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

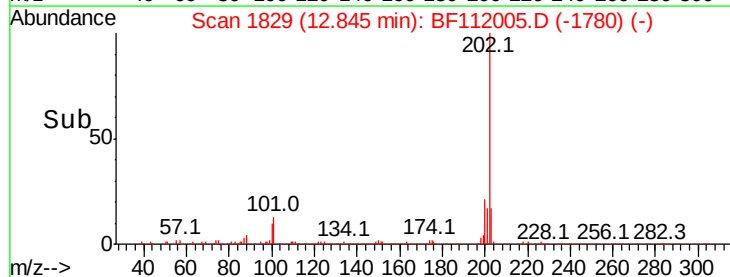
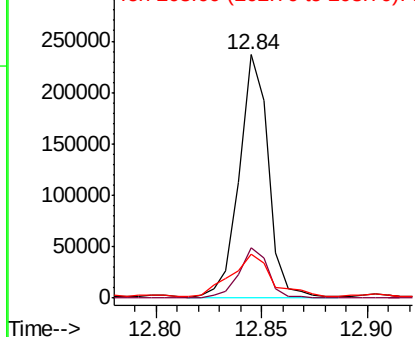


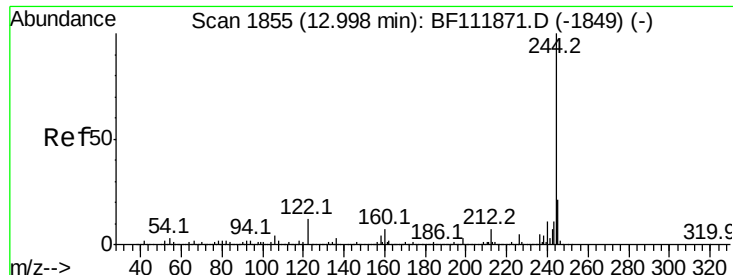
#78
Pyrene
Concen: 14.979 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.2	14.6	21.8



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: 44.598 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

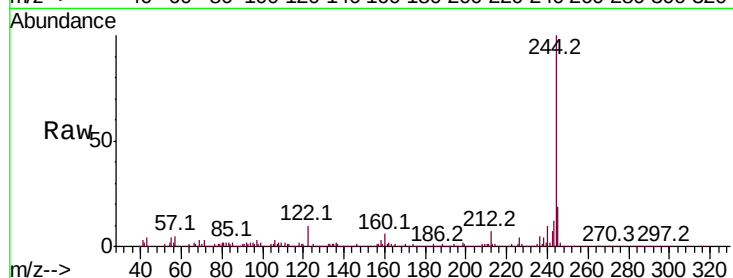
Tot Ion:244 Resp: 511825

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

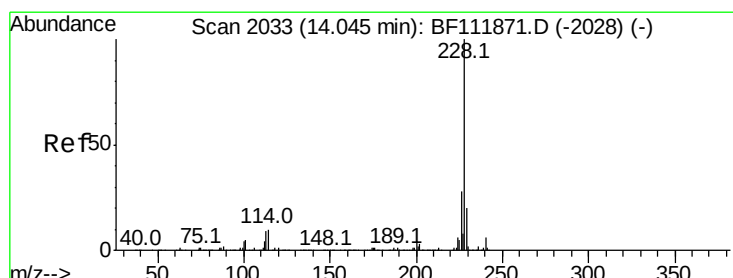
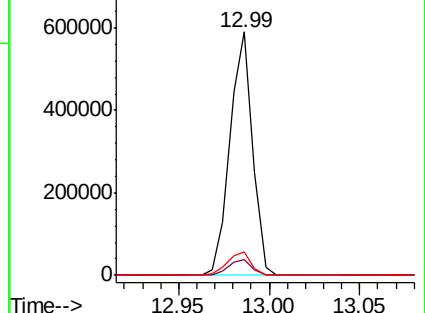
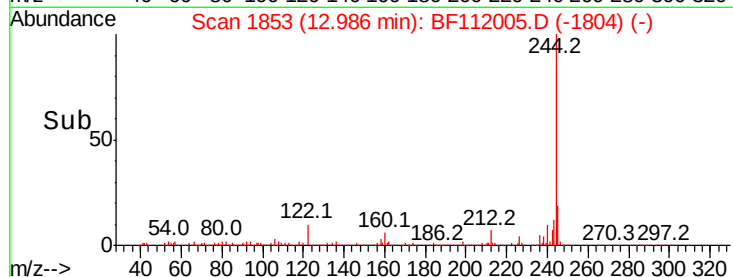
122 9.7 9.5 14.3



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: 5.093 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

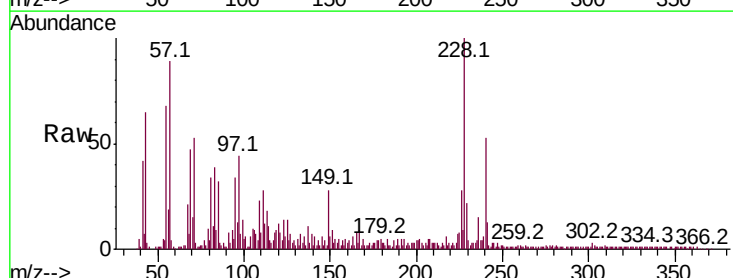
Tgt Ion:228 Resp: 63853

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

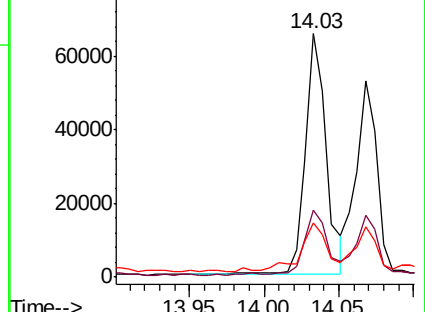
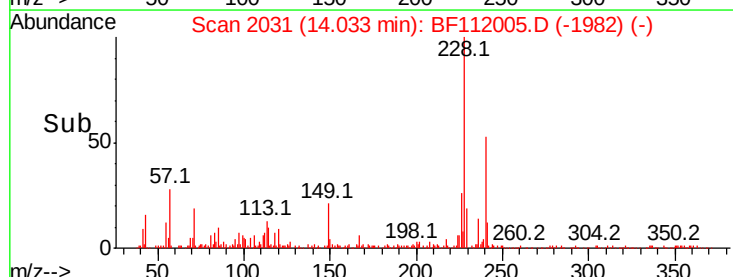
229 22.2 16.2 24.2

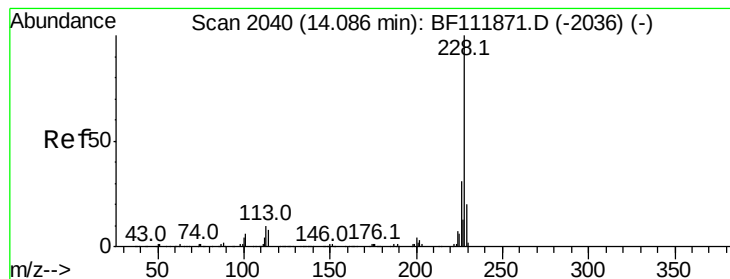


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 5.342 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

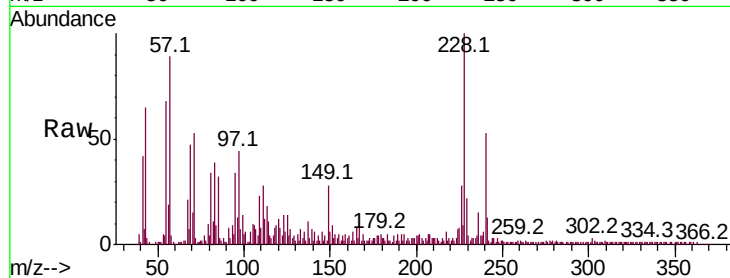
Tot Ion:228 Resp: 63853

Ion Ratio Lower Upper

228 100

226 27.7 24.6 37.0

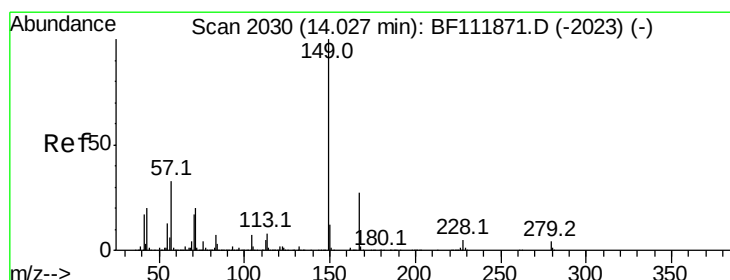
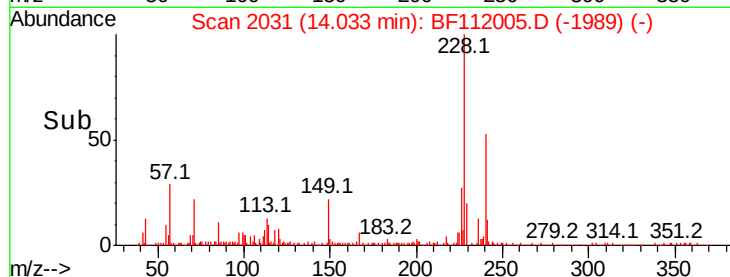
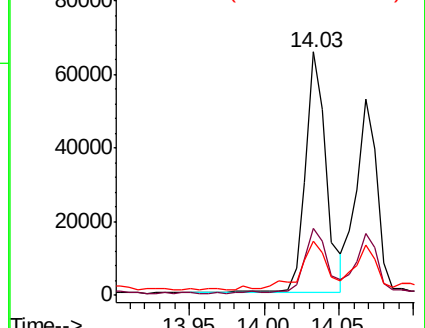
229 22.2 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.039 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112005.D

Acq: 10 Jan 2019 23:22

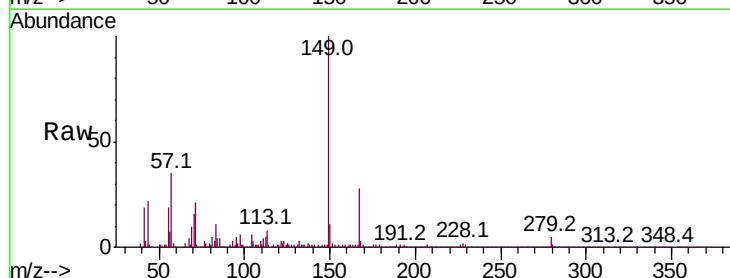
Tgt Ion:149 Resp: 433080

Ion Ratio Lower Upper

149 100

167 28.0 21.5 32.3

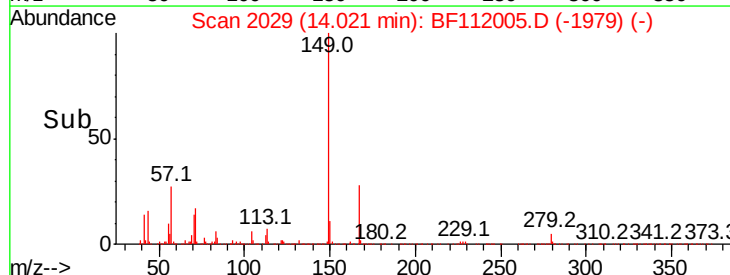
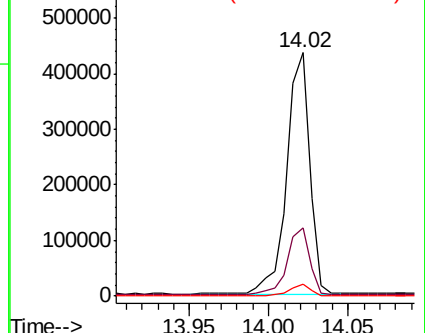
279 4.9 3.0 4.6#

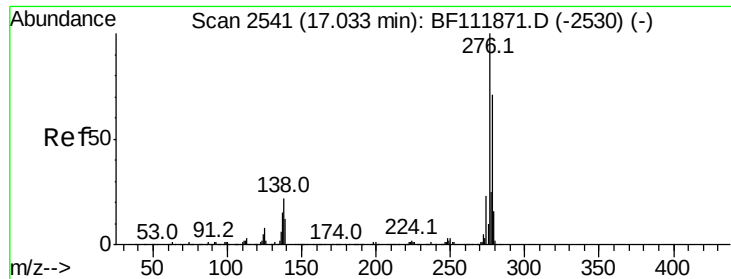


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

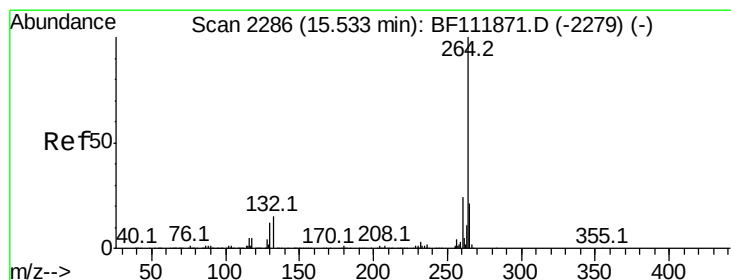
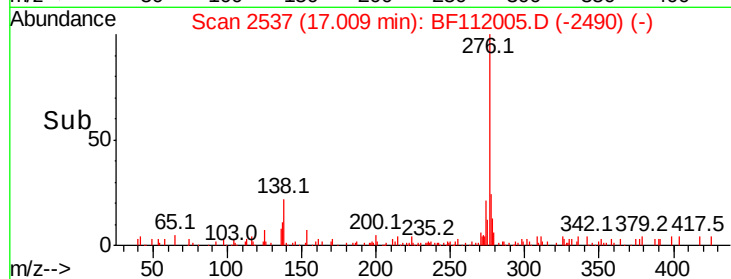
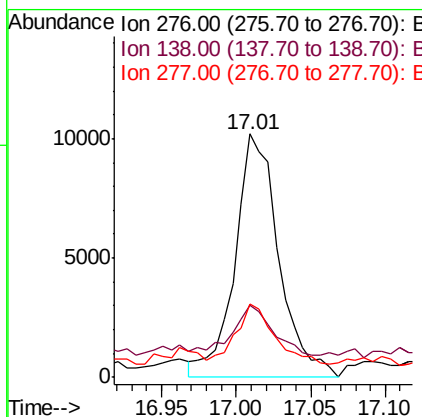
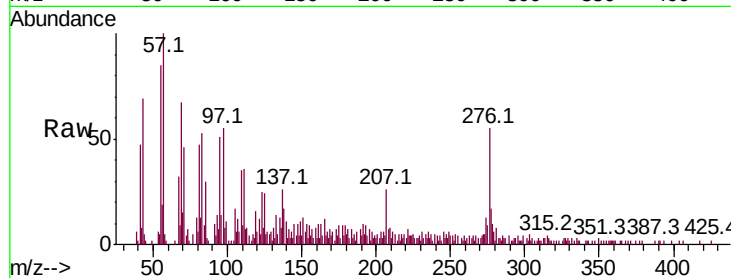




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.390 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

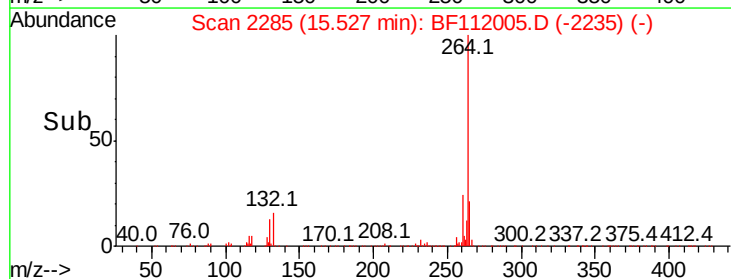
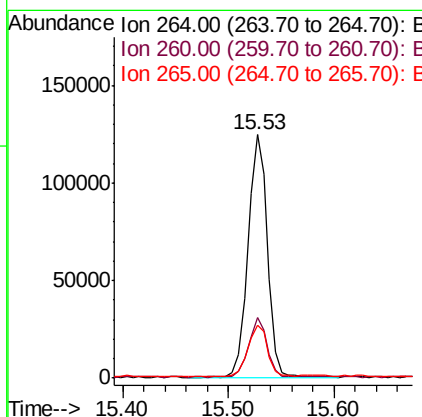
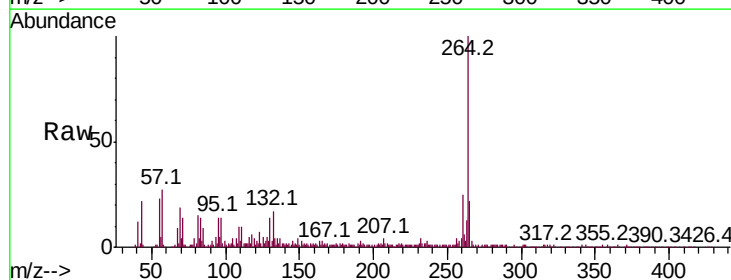
Instrument :
 BNA_F
 ClientSampleId :

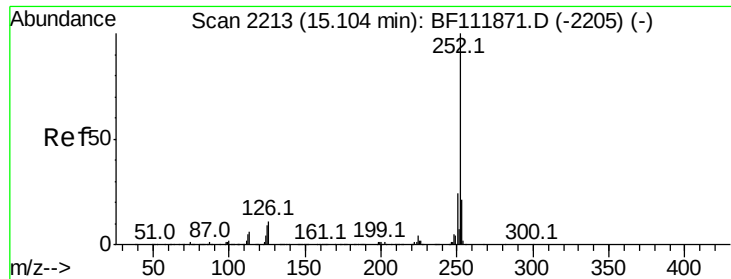
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.1	27.1
277	21.5	19.9	29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF112005.D
 Acq: 10 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.7	17.1	25.7

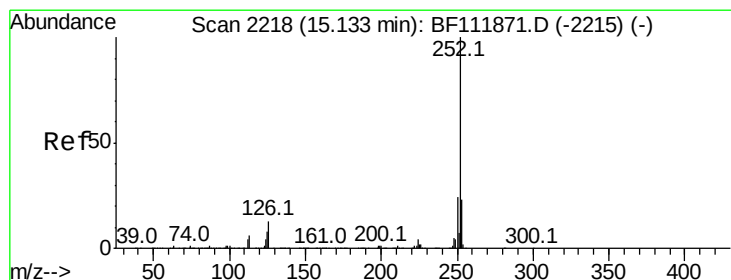
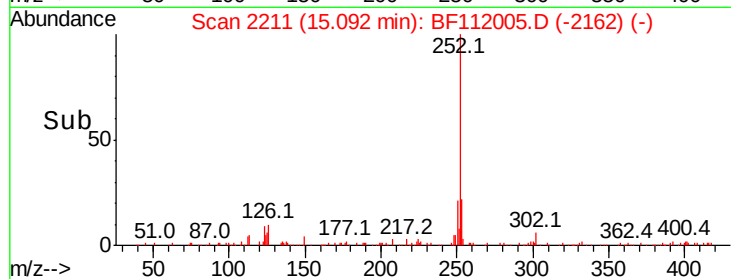
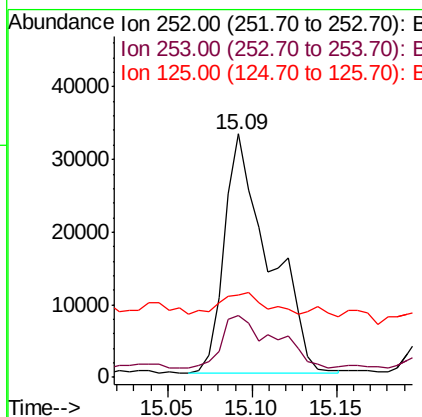
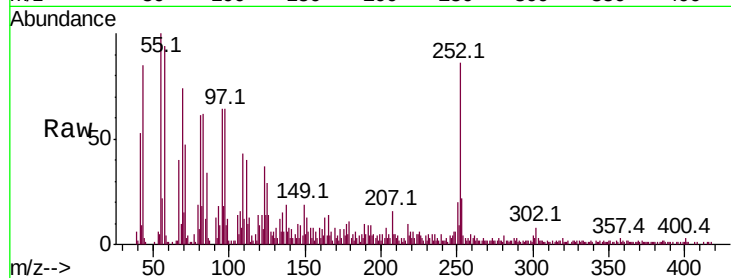




#88
Benzo(b)fluoranthene
Concen: 6.408 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

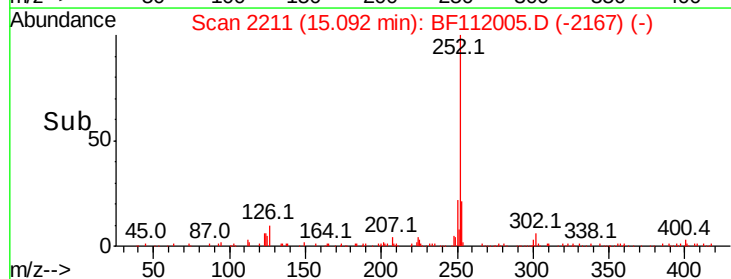
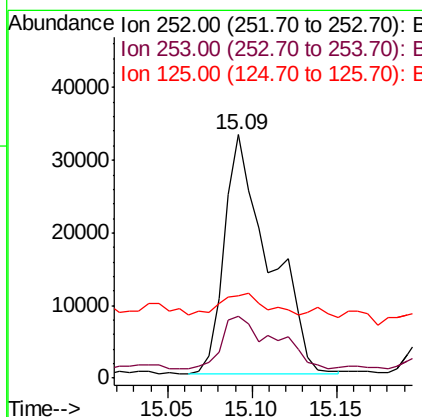
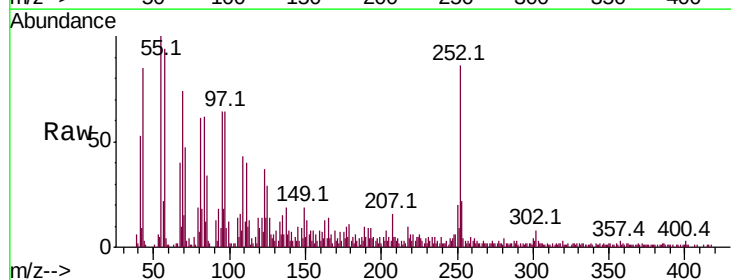
Instrument :
BNA_F
ClientSampleId :

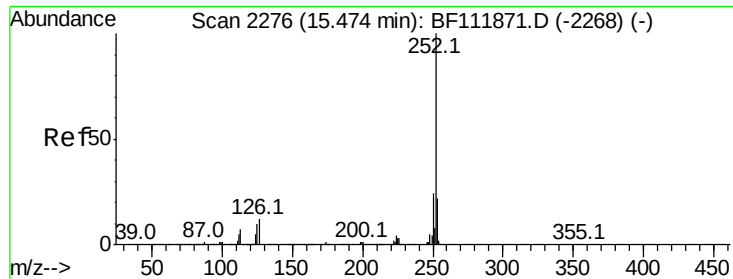
Tot Ion:252 Resp: 60651
Ion Ratio Lower Upper
252 100
253 25.7 17.0 25.6#
125 33.8 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 6.817 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:252 Resp: 60651
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 33.8 7.0 10.4#

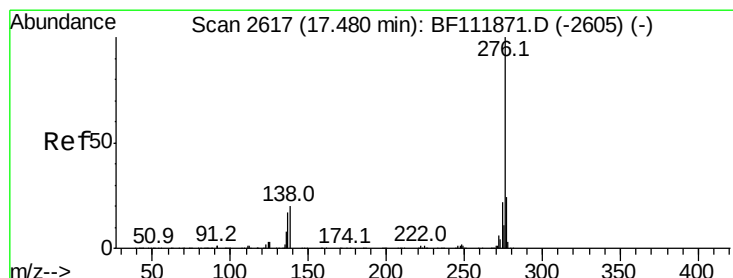
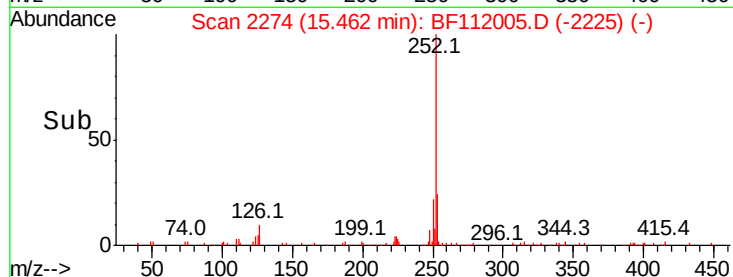
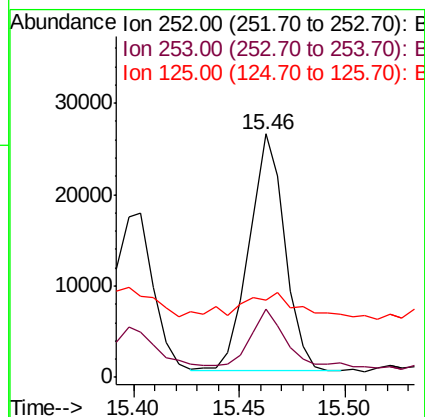
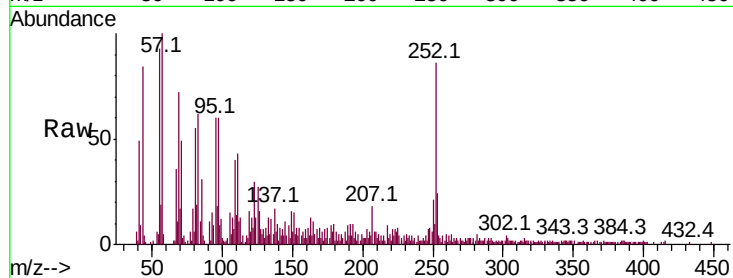




#90
Benzo(a)pyrene
Concen: 3.638 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 30272
Ion Ratio Lower Upper
252 100
253 28.0 17.4 26.2#
125 31.8 7.9 11.9#



#92
Benzo(g,h,i)perylene
Concen: 3.174 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF112005.D
Acq: 10 Jan 2019 23:22

Tgt Ion:276 Resp: 20781
Ion Ratio Lower Upper
276 100
277 30.0 19.0 28.6#
138 35.5 16.2 24.2#

