

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111603.D
 Acq On : 19 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J6464-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16202

Quant Time: Dec 20 03:24:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163537	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	592197	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	280085	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	490869	20.00	ng	0.00
76) Chrysene-d12	14.04	240	452450	20.00	ng	-0.01
87) Perylene-d12	15.52	264	489485	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1085039	113.09	ng	0.00
7) Phenol-d6	6.52	99	1405534	115.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	781978	76.86	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	343156	103.69	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1134602	59.05	ng	0.00
79) Terphenyl-d14	12.99	244	1033142	43.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	217	0.048	ng	# 26
3) Pyridine	3.58	79	136	0.012	ng	# 35
4) n-Nitrosodimethylamine	3.37	42	123	0.021	ng	# 1
6) Aniline	6.55	93	635	0.041	ng	# 82
8) 2-Chlorophenol	6.67	128	361	0.034	ng	# 1
9) Benzaldehyde	6.52	77	3266	0.389	ng	# 1
10) Phenol	6.53	94	79690	5.784	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	1683	0.163	ng	# 1
15) Benzyl Alcohol	7.02	79	961	0.099	ng	86
16) 2,2'-oxybis(1-Chloropropan	7.38	45	130	0.007	ng	72
17) 2-Methylphenol	7.02	107	289	0.034	ng	# 3
19) n-Nitroso-di-n-propylamine	7.45	70	106925	13.186	ng	# 78
20) 3+4-Methylphenols	7.28	107	4397	0.409	ng	# 64
22) Acetophenone	7.29	105	740	0.049	ng	# 64
24) Nitrobenzene	7.47	77	108	0.010	ng	# 38
25) Isophorone	7.45	82	781958	43.294	ng	# 64
27) 2,4-Dimethylphenol	7.85	122	1089	0.128	ng	# 6
31) Naphthalene	8.19	128	2092	0.074	ng	# 92
32) Benzoic acid	7.93	122	110	0.020	ng	# 1
33) 4-Chloroaniline	8.23	127	468	0.038	ng	# 45
36) 4-Chloro-3-methylphenol	8.70	107	122	0.014	ng	# 20
37) 2-Methylnaphthalene	8.89	142	1010	0.055	ng	# 84
38) 1-Methylnaphthalene	8.98	142	866	0.049	ng	# 89
46) 1,1'-Biphenyl	9.35	154	2606	0.110	ng	93
47) 2-Chloronaphthalene	9.63	162	1348	0.072	ng	# 1
48) 2-Nitroaniline	9.45	65	152	0.031	ng	# 6
49) Acenaphthylene	9.79	152	657	0.024	ng	# 64
50) Dimethylphthalate	9.64	163	150016	7.324	ng	97
51) 2,6-Dinitrotoluene	9.64	165	1835	0.449	ng	# 18
52) Acenaphthene	9.96	154	313	0.019	ng	# 70
53) 3-Nitroaniline	9.99	138	113	0.026	ng	# 1
54) 2,4-Dinitrophenol	9.89	184	591	7.717	ng	# 12
55) Dibenzofuran	10.13	168	612	0.024	ng	# 12
56) 4-Nitrophenol	10.13	139	232	0.070	ng	# 27

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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

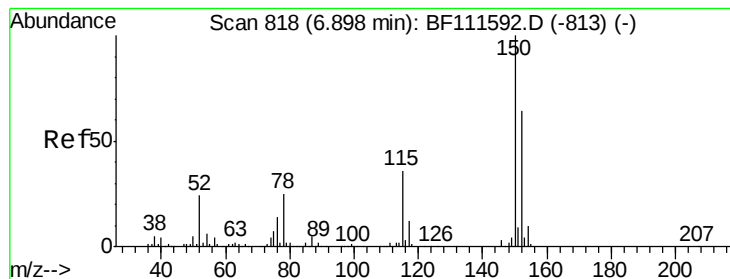
Instrument :
 BNA_F
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Quant Time: Dec 20 03:24:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

57) 2,4-Dinitrotoluene	9.93	165	36345	7.405	ng	# 25
58) Fluorene	10.71	166	15223	0.829	ng	# 89
60) Diethylphthalate	10.34	149	2083	0.104	ng	# 87
62) 4-Nitroaniline	10.46	138	111	0.026	ng	# 23
63) Azobenzene	10.61	77	556	0.028	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.71	198	754	7.013	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	858	0.052	ng	# 23
67) 4-Bromophenyl-phenylether	10.71	248	20979	3.446	ng	# 1
71) Phenanthrene	11.43	178	5141	0.197	ng	96
72) Anthracene	11.43	178	5141	0.197	ng	97
73) Carbazole	11.63	167	1578	0.062	ng	# 78
74) Di-n-butylphthalate	11.97	149	4176	0.147	ng	# 93
75) Fluoranthene	12.62	202	7419	0.281	ng	92
77) Benzidine	12.99	184	12136	0.713	ng	99
78) Pyrene	12.84	202	7682	0.240	ng	98
80) Butylbenzylphthalate	13.46	149	510	0.039	ng	# 85
81) Benzo(a)anthracene	14.07	228	4720	0.183	ng	98
83) Chrysene	14.07	228	4720	0.186	ng	94
84) Bis(2-ethylhexyl)phthalate	14.03	149	15755	0.960	ng	# 97
85) Di-n-octyl phthalate	14.64	149	969	0.038	ng	# 60
86) Indeno(1,2,3-cd)pyrene	16.98	276	2597	0.120	ng	# 84
88) Benzo(b)fluoranthene	15.08	252	7720	0.270	ng	# 66
89) Benzo(k)fluoranthene	15.08	252	7720	0.283	ng	# 65
90) Benzo(a)pyrene	15.44	252	3915	0.151	ng	# 63
91) Dibenzo(a,h)anthracene	17.01	278	256	0.011	ng	# 16
92) Benzo(g,h,i)perylene	17.42	276	2475	0.111	ng	# 57

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

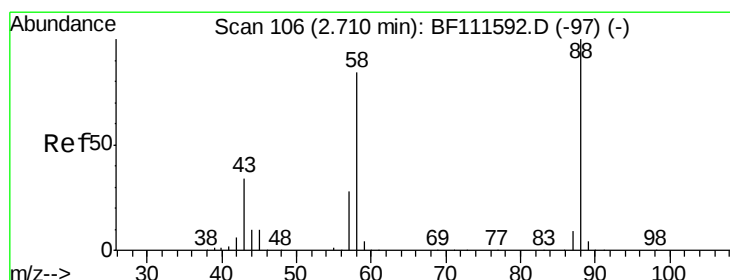
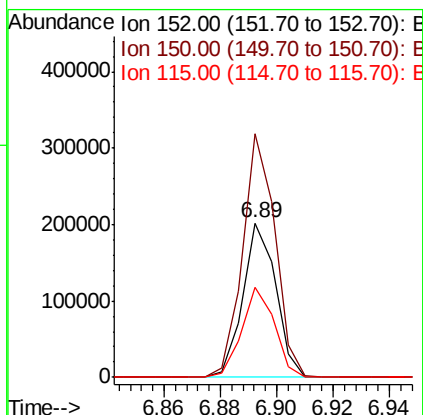
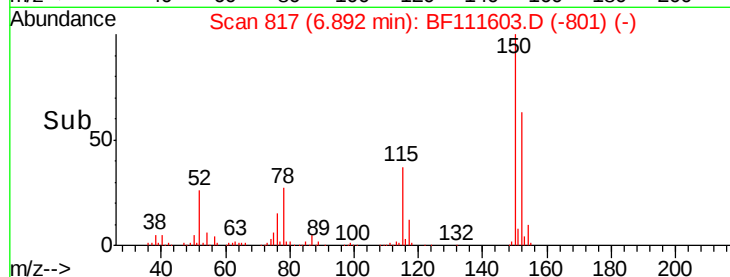
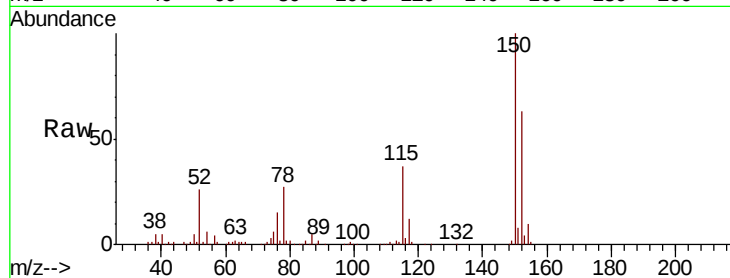


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

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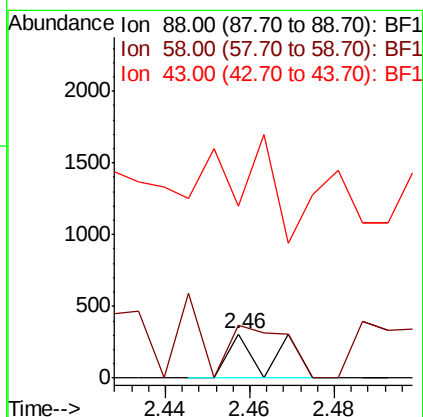
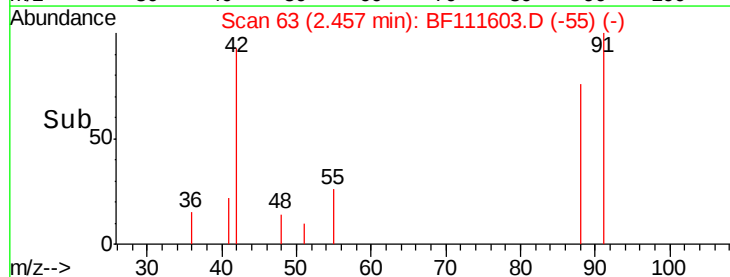
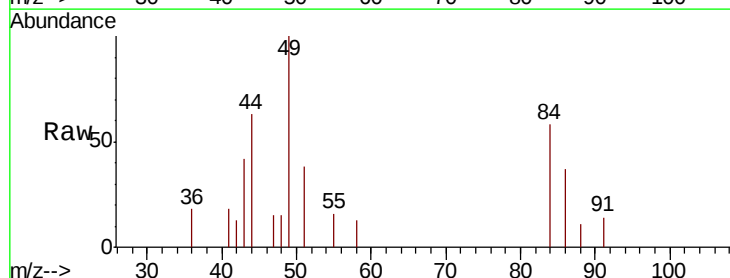
Tgt Ion:152 Resp: 163537
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 58.7 50.7 76.1

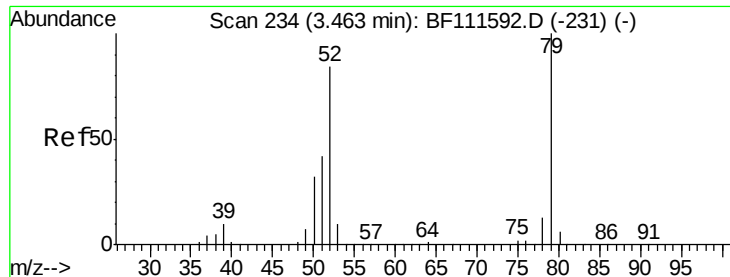


#2

1,4-Dioxane
Concen: 0.048 ng
RT: 2.46 min Scan# 63
Delta R.T. -0.25 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion: 88 Resp: 217
Ion Ratio Lower Upper
88 100
58 160.4 68.9 103.3#
43 0.0 25.8 38.6#





#3

Pyridine

Concen: 0.012 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.12 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

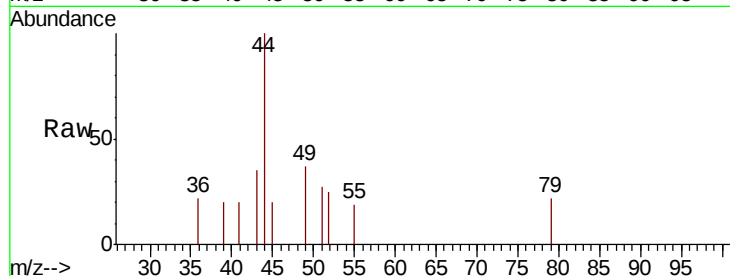
Tgt Ion: 79 Resp: 136

Ion Ratio Lower Upper

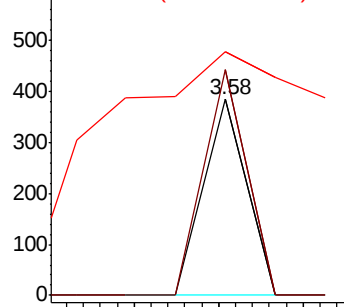
79 100

52 115.1 68.3 102.5#

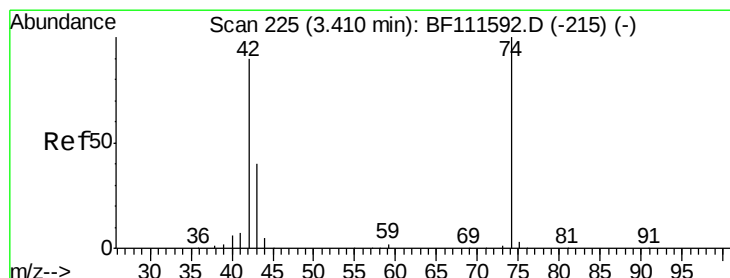
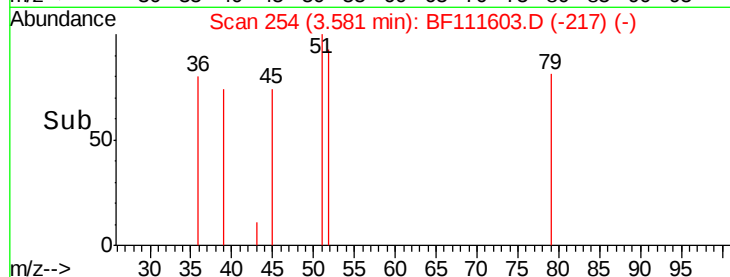
51 124.2 32.6 49.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.04 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

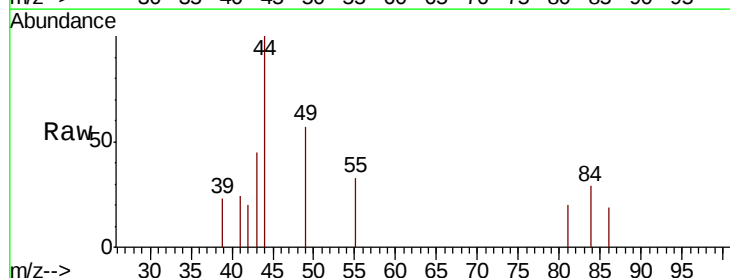
Tgt Ion: 42 Resp: 123

Ion Ratio Lower Upper

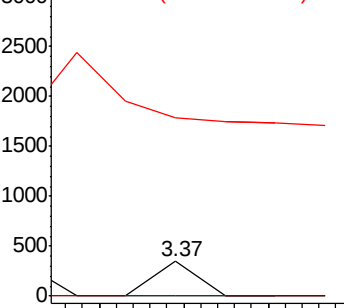
42 100

74 0.0 101.5 152.3#

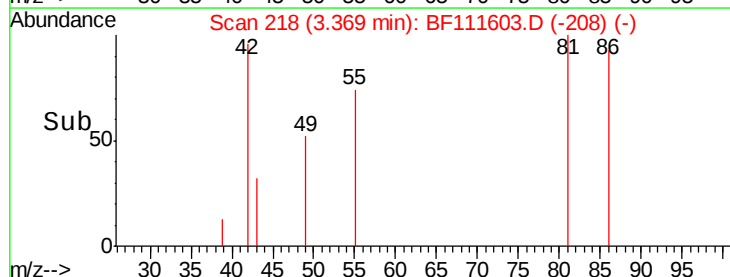
44 511.7 6.0 9.0#

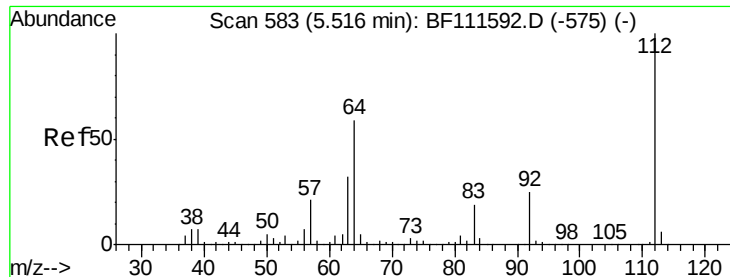


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



Time-->





#5

2-Fluorophenol

Concen: 113.093 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

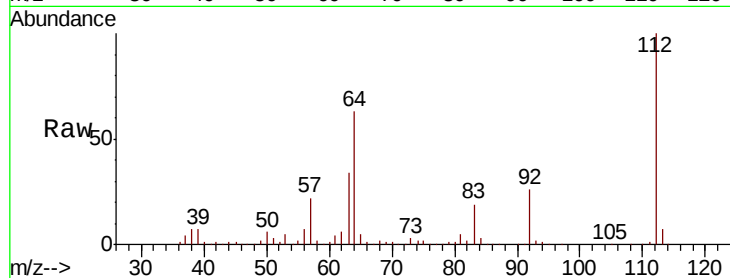
Tgt Ion: 112 Resp: 1085039

Ion Ratio Lower Upper

112 100

64 62.7 51.8 77.6

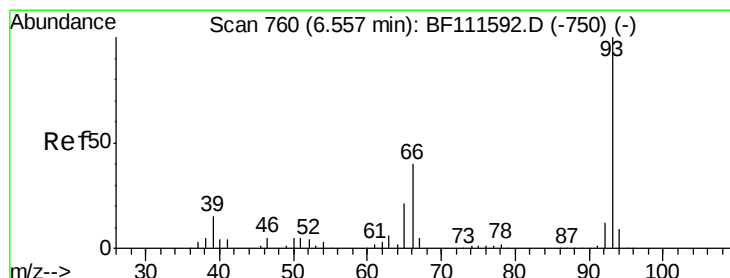
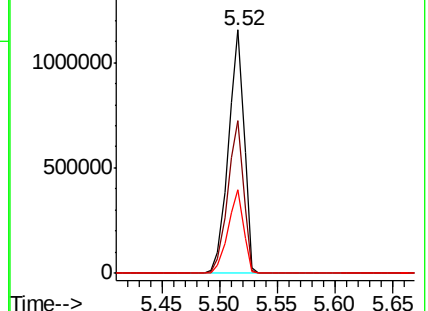
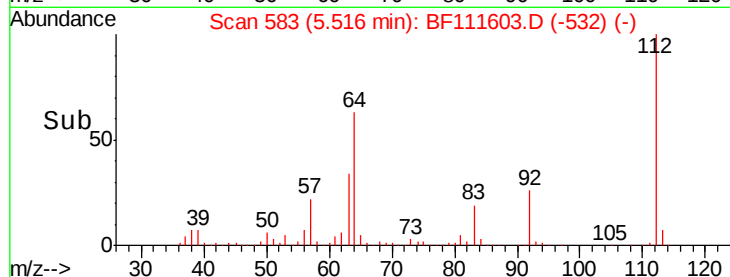
63 34.4 26.8 40.2



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



#6

Aniline

Concen: 0.041 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

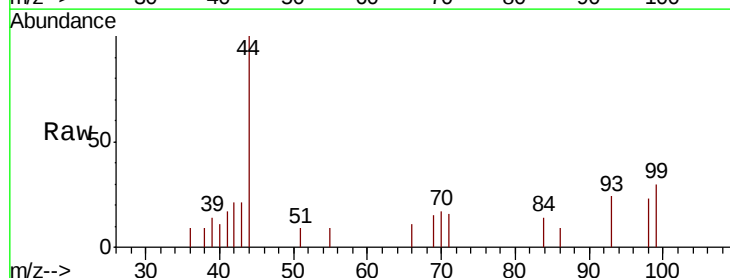
Tgt Ion: 93 Resp: 635

Ion Ratio Lower Upper

93 100

66 44.5 33.2 49.8

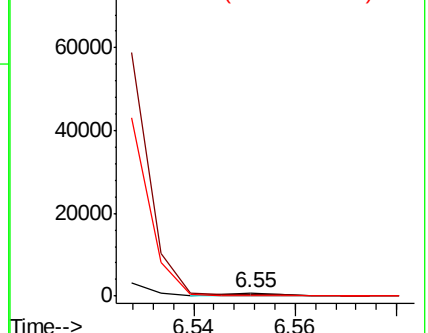
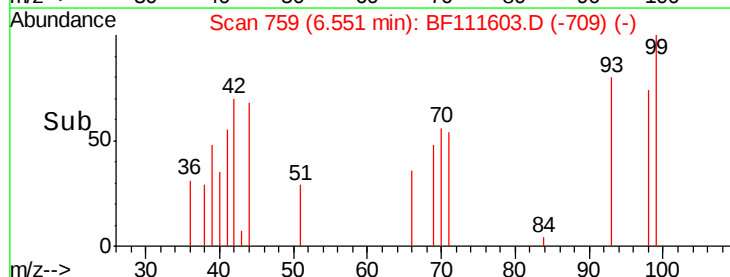
65 0.0 17.0 25.4#

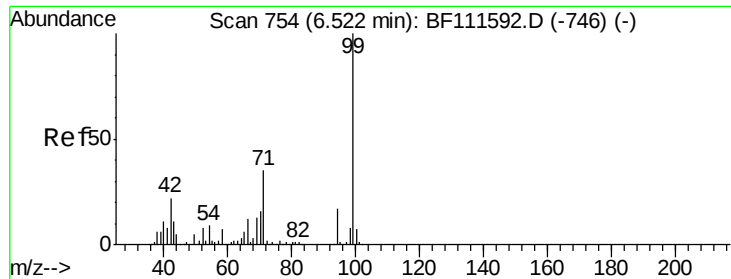


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.112 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

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ClientSampleId :

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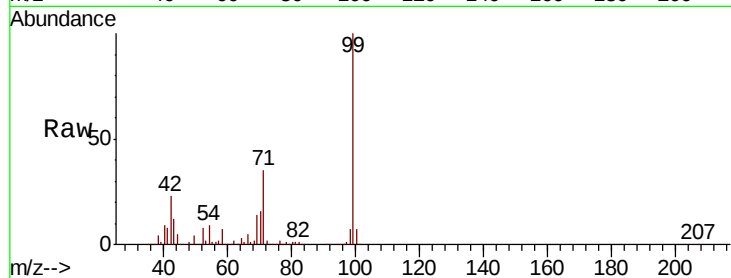
Tgt Ion: 99 Resp: 1405534

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

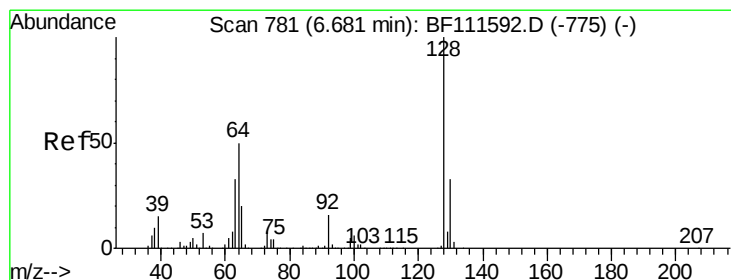
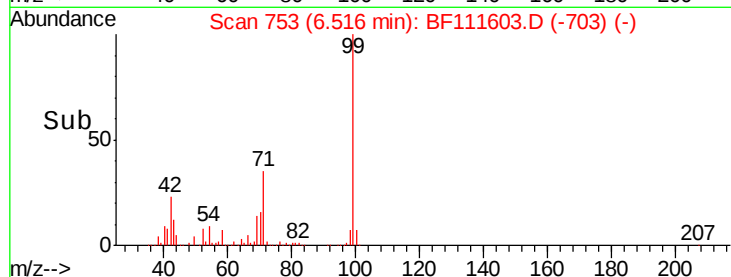
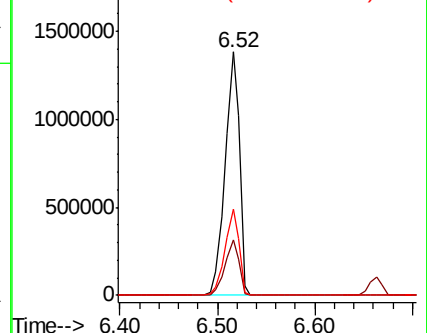
71 35.5 26.1 39.1



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



#8

2-Chlorophenol

Concen: 0.034 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

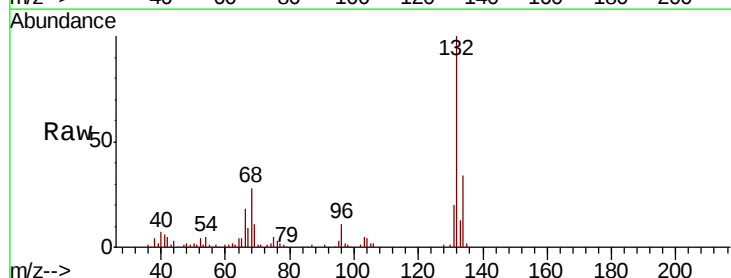
Tgt Ion:128 Resp: 361

Ion Ratio Lower Upper

128 100

130 135.4 12.7 52.7#

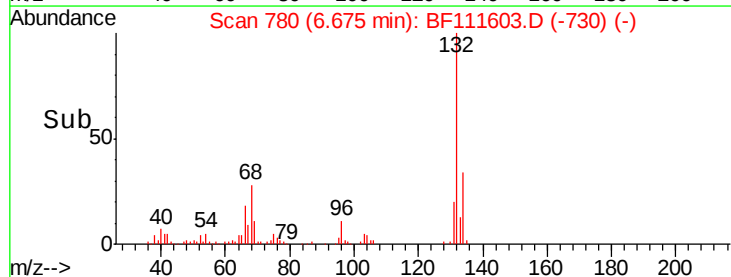
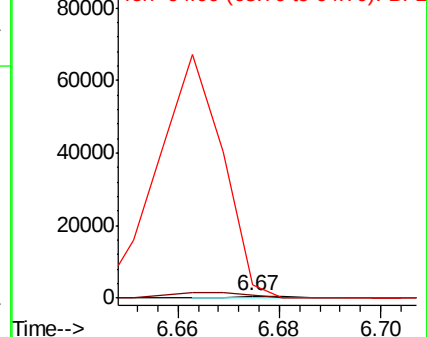
64 691.2 30.0 70.0#

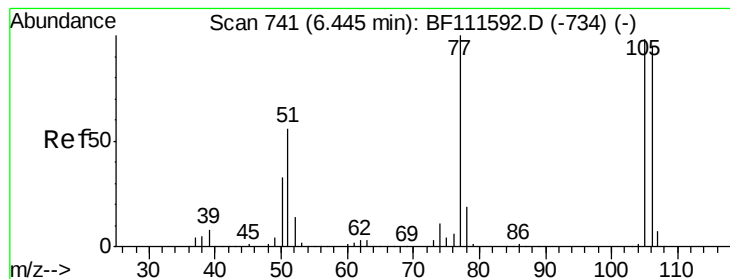


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.389 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.08 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

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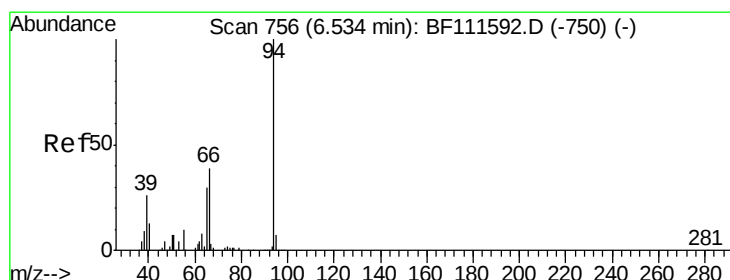
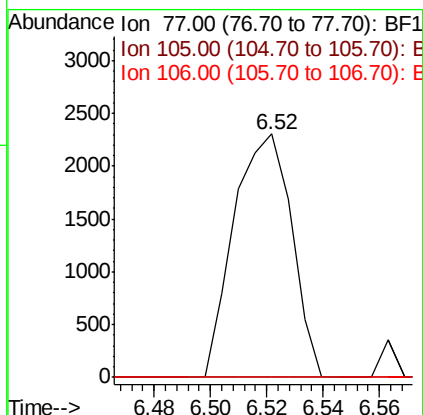
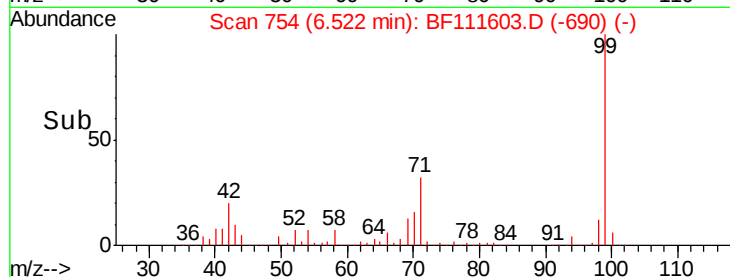
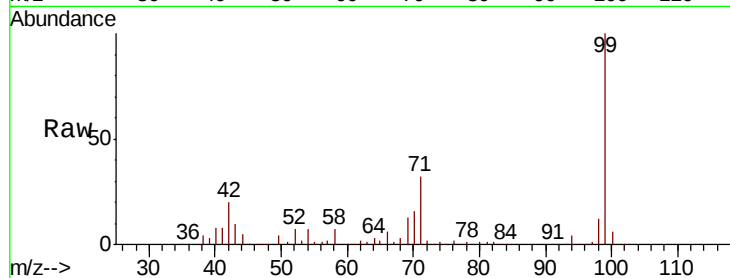
Tgt Ion: 77 Resp: 3266

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

106 0.0 77.9 117.9#



#10

Phenol

Concen: 5.784 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

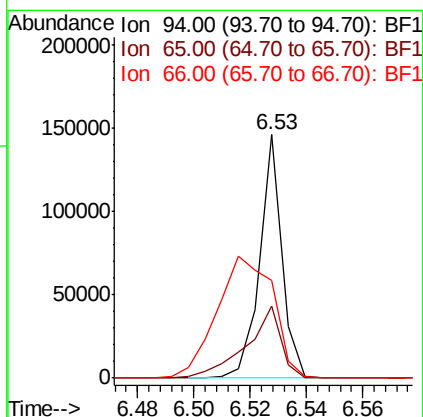
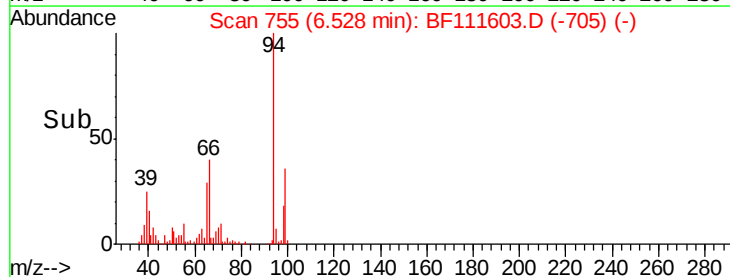
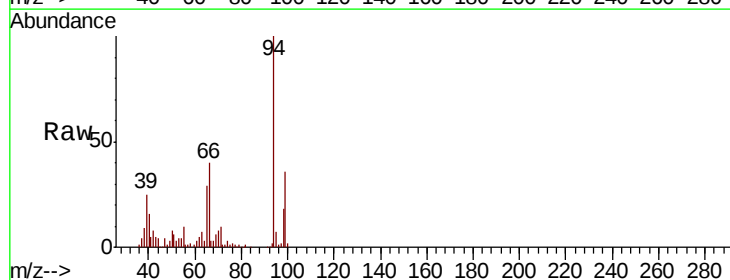
Tgt Ion: 94 Resp: 79690

Ion Ratio Lower Upper

94 100

65 29.5 11.7 51.7

66 40.2 21.0 61.0

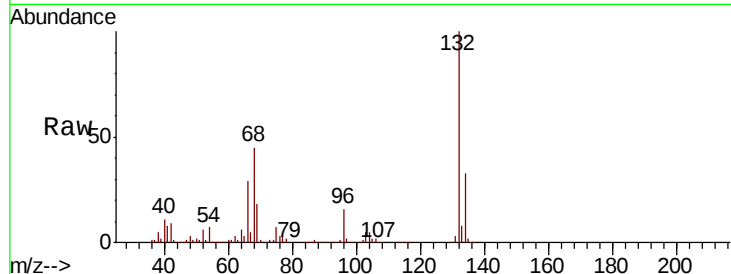




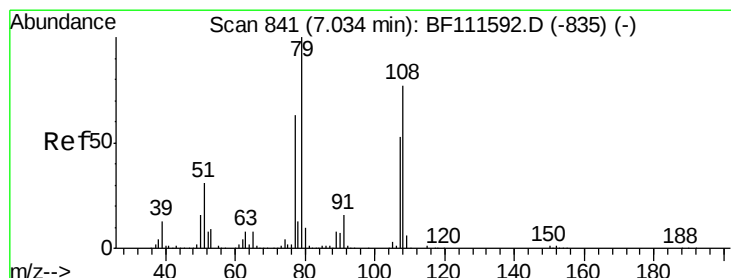
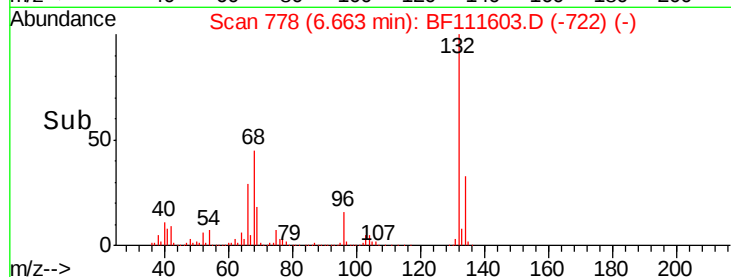
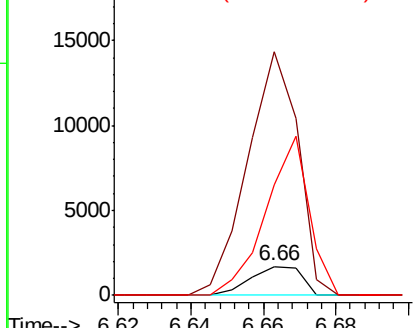
#11
bis(2-Chloroethyl)ether
Concen: 0.163 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.03 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
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Tgt Ion: 93 Resp: 1683
Ion Ratio Lower Upper
93 100
63 840.3 60.0 100.0#
95 381.3 13.4 53.4#

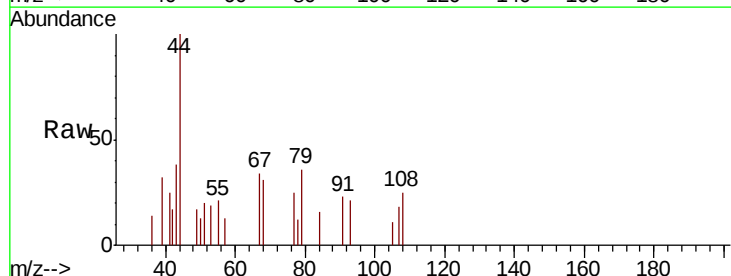


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

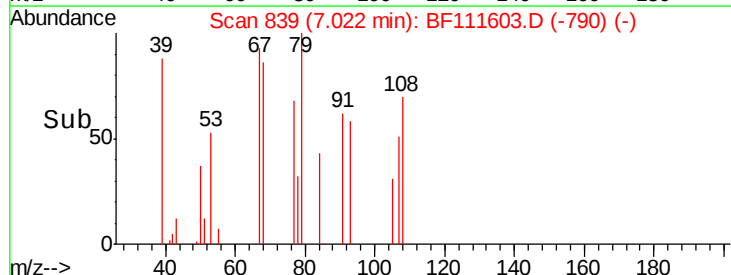
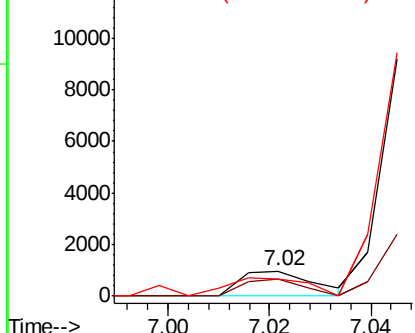


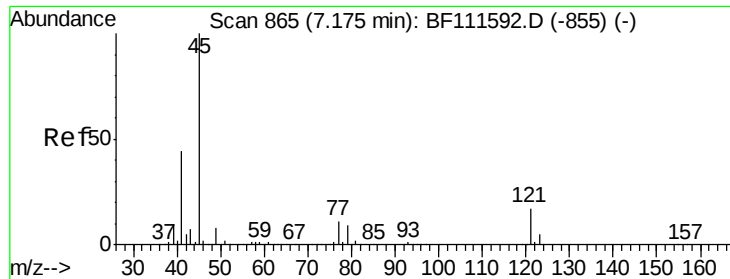
#15
Benzyl Alcohol
Concen: 0.099 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion: 79 Resp: 961
Ion Ratio Lower Upper
79 100
108 69.7 69.4 104.2
77 68.4 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

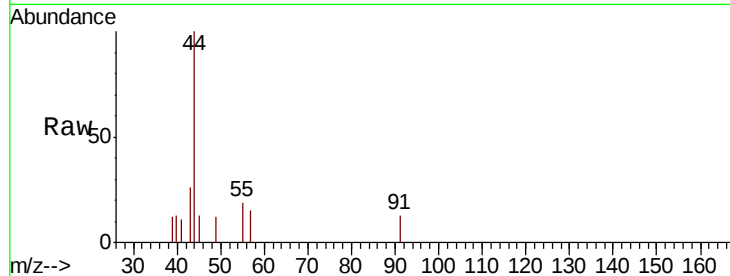




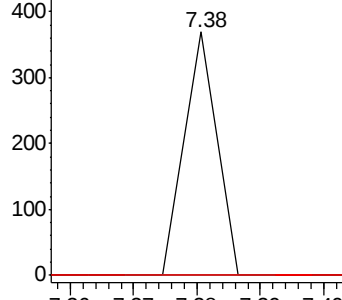
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.21 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
VB16202

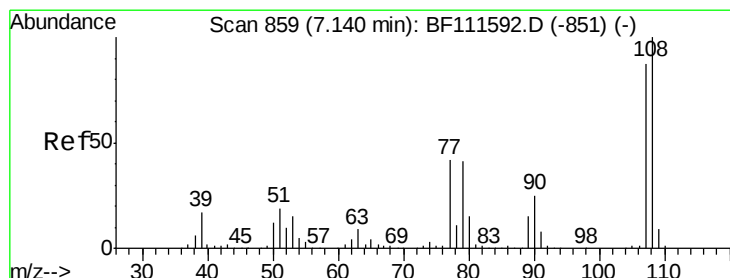
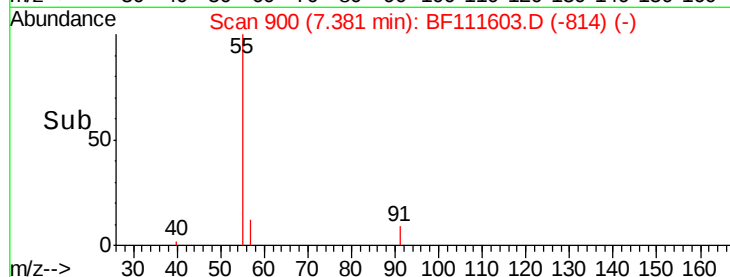
Tgt Ion: 45 Resp: 130
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.5
79 0.0 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

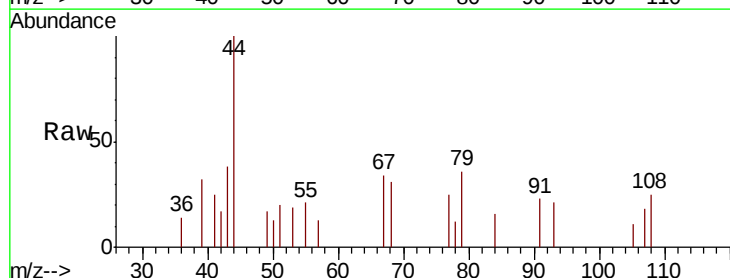


Time-->

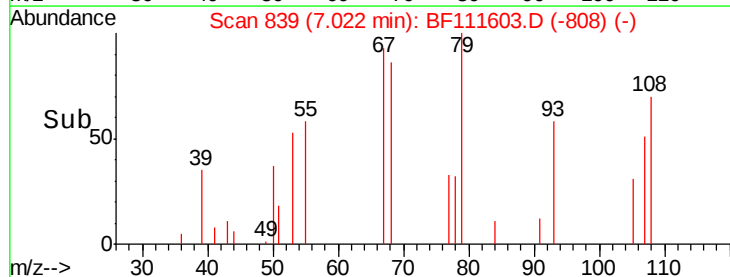
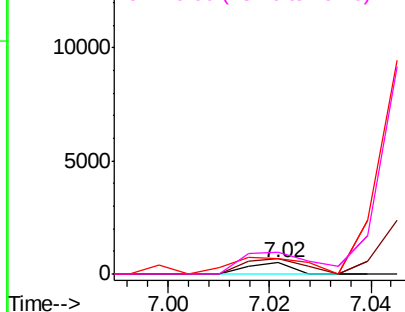


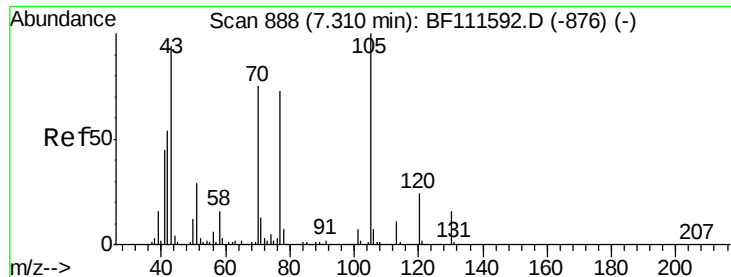
#17
2-Methylphenol
Concen: 0.034 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.12 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion: 107 Resp: 289
Ion Ratio Lower Upper
107 100
108 138.0 91.0 136.4#
77 135.3 33.5 50.3#
79 197.9 33.3 49.9#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

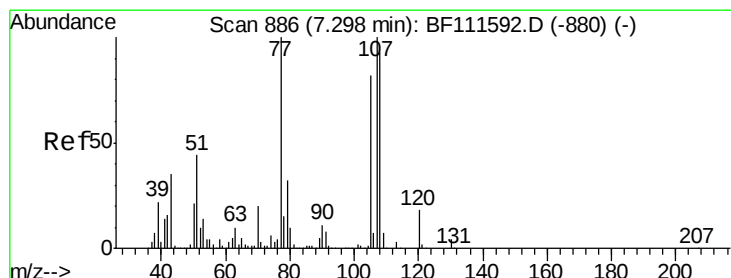
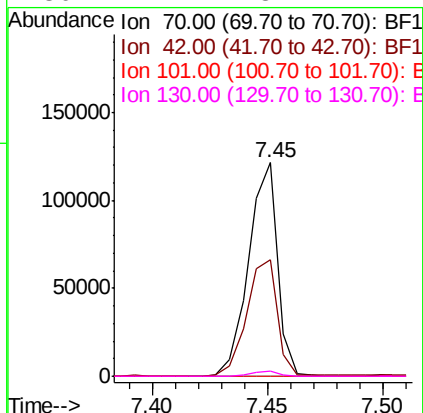
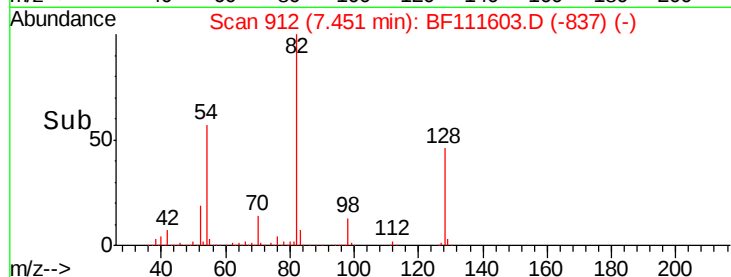
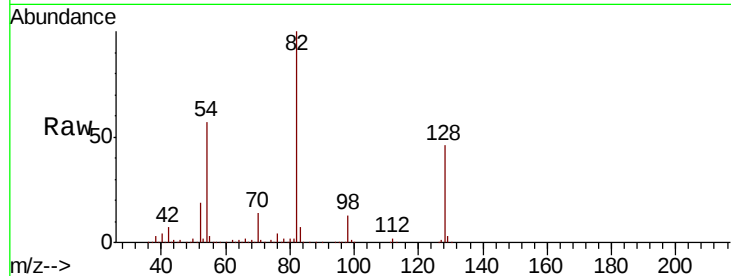




#19
n-Nitroso-di-n-propylamine
Concen: 13.186 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

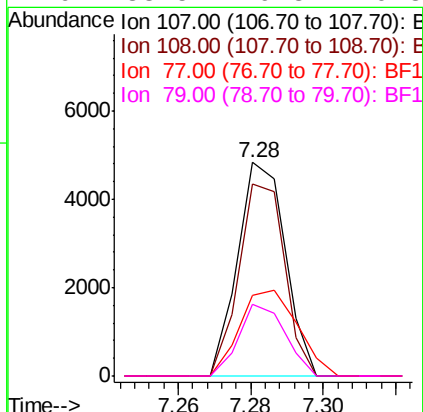
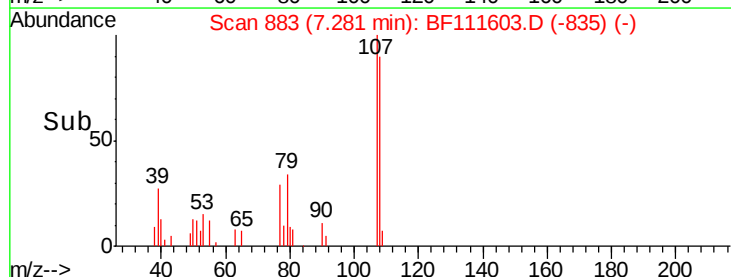
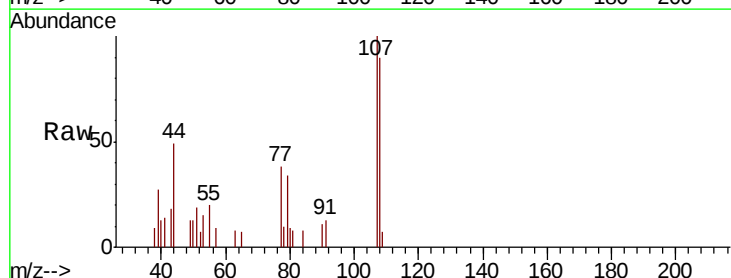
Instrument :
BNA_F
ClientSampleId :
VB16202

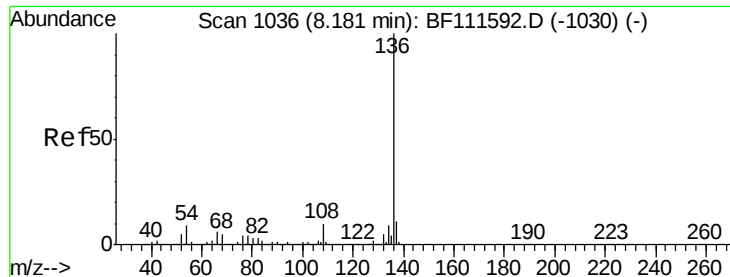
Tgt Ion: 70 Resp: 106925
Ion Ratio Lower Upper
70 100
42 54.6 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#20
3+4-Methylphenols
Concen: 0.409 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:107 Resp: 4397
Ion Ratio Lower Upper
107 100
108 89.7 72.1 112.1
77 37.9 94.1 134.1#
79 33.5 9.8 49.8

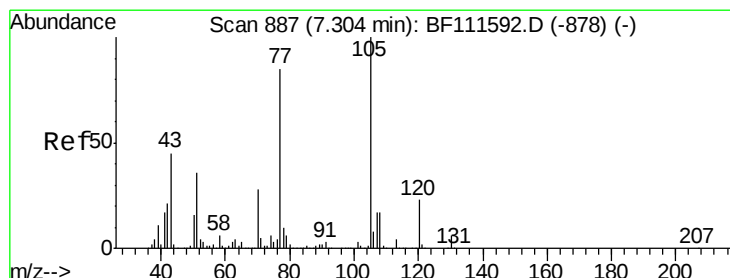
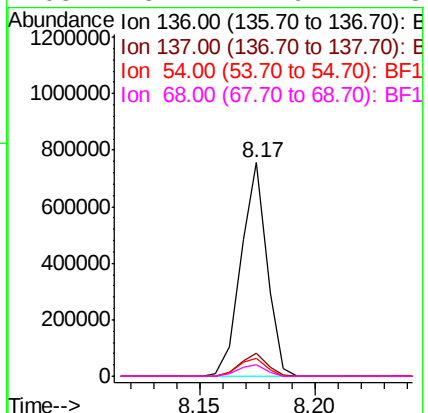
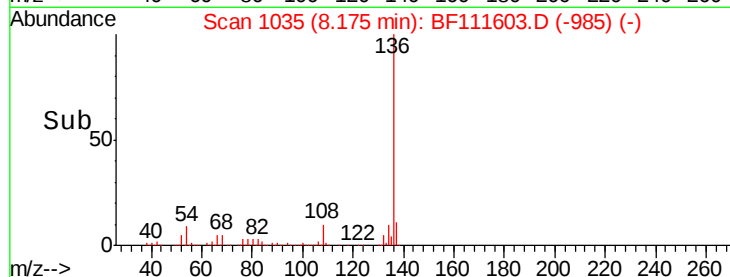
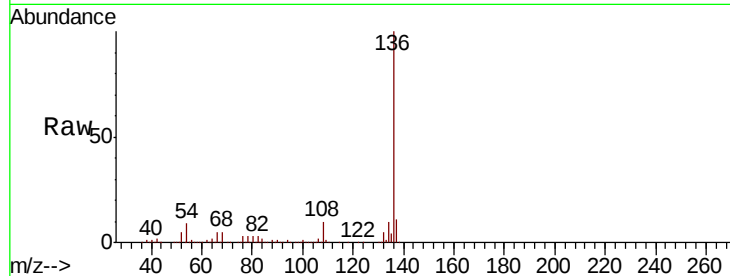




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

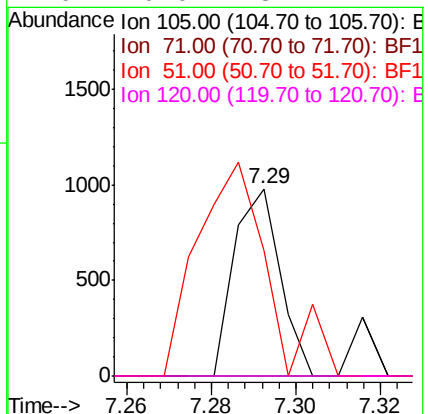
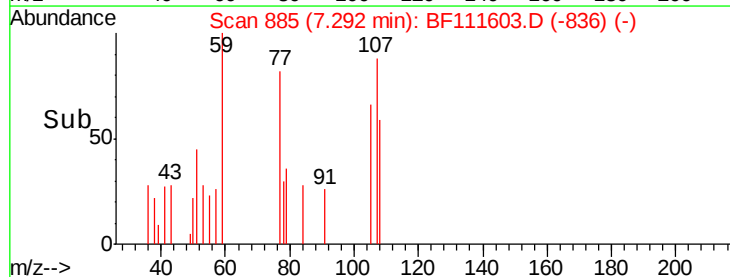
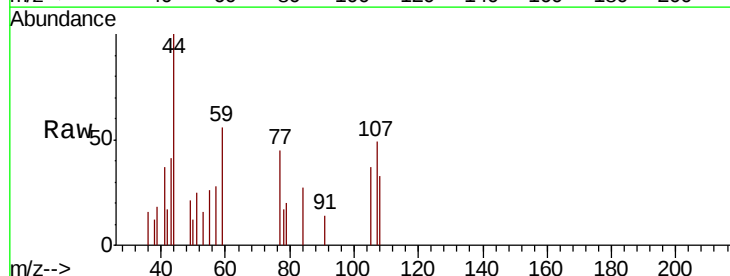
Instrument :
BNA_F
ClientSampleId :
VB16202

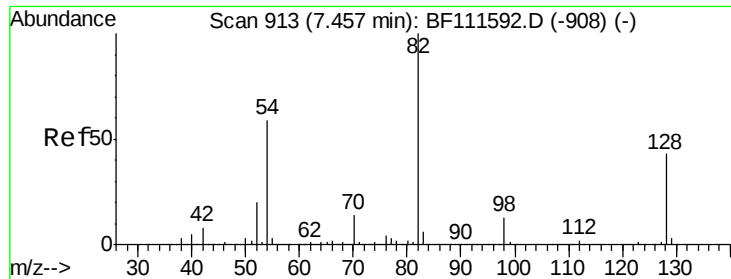
Tgt Ion:	136	Resp:	592197
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.6	7.7	11.5
68	5.1	4.9	7.3



#22
Acetophenone
Concen: 0.049 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:	105	Resp:	740
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.1	4.7#
51	67.1	36.6	54.8#
120	0.0	18.2	27.4#

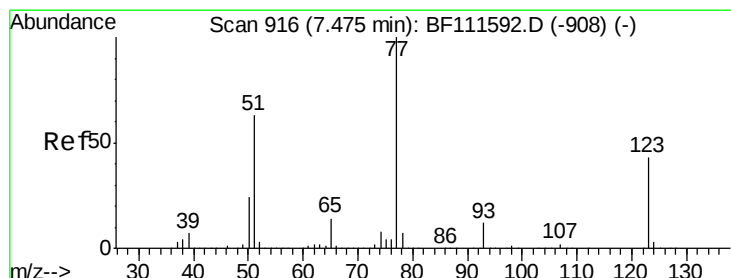
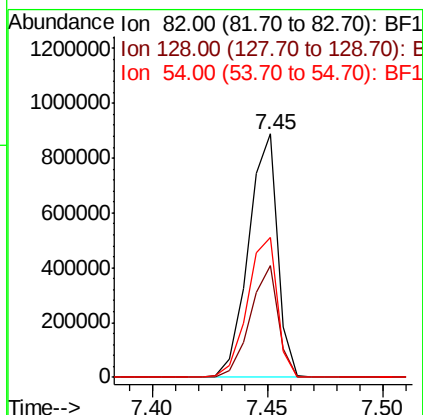
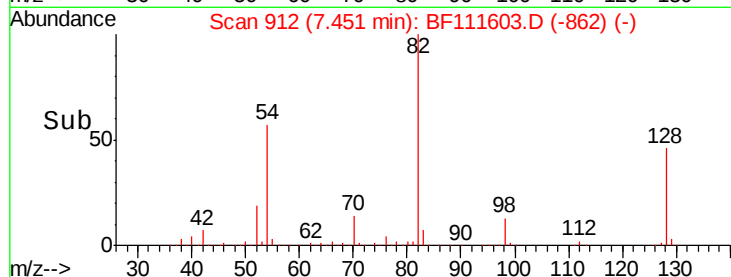
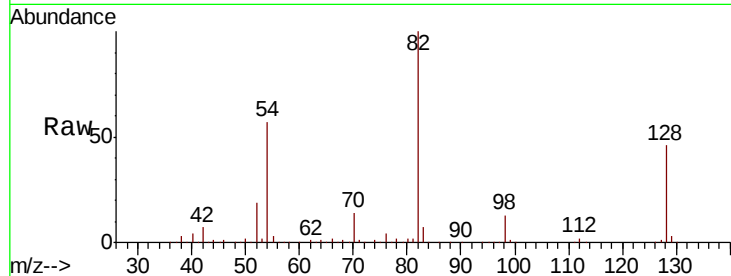




#23
 Nitrobenzene-d5
 Concen: 76.862 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

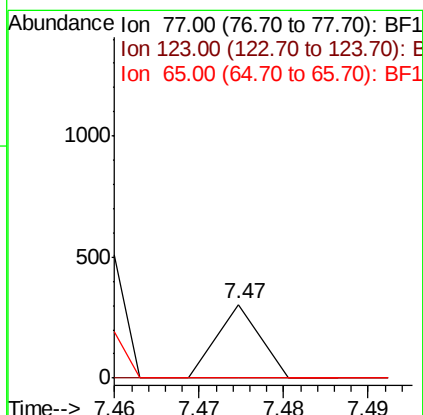
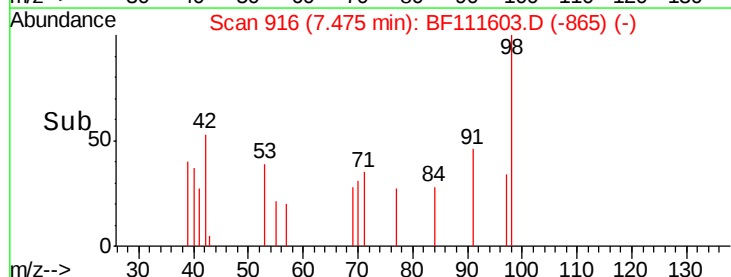
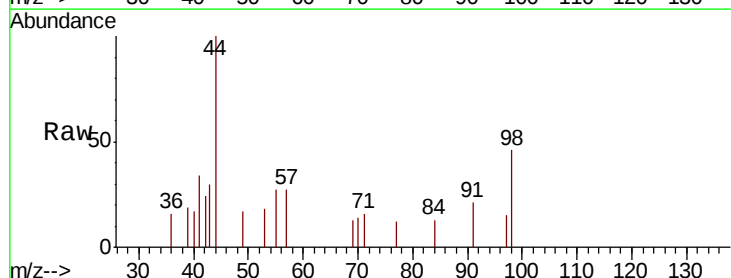
Instrument :
 BNA_F
 ClientSampled :
 VB16202

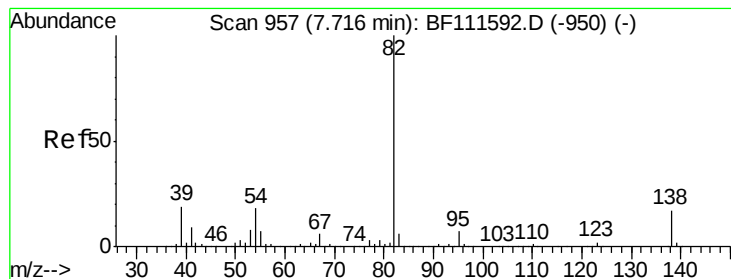
Tgt Ion: 82 Resp: 781978
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.4 56.2
 54 57.3 47.6 71.4



#24
 Nitrobenzene
 Concen: 0.010 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Tgt Ion: 77 Resp: 108
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.2 55.8#
 65 0.0 11.5 17.3#





#25

Isophorone

Concen: 43.294 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampled :

VB16202

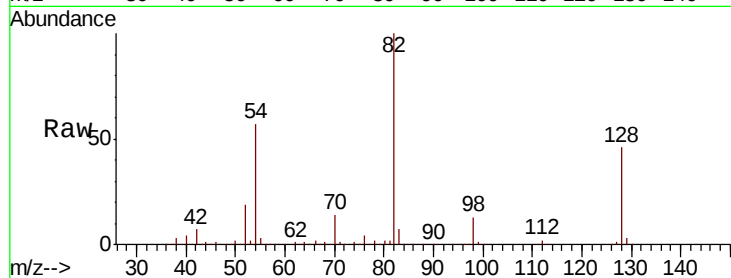
Tgt Ion: 82 Resp: 781958

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

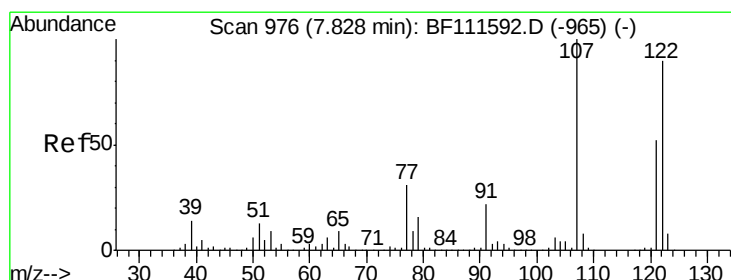
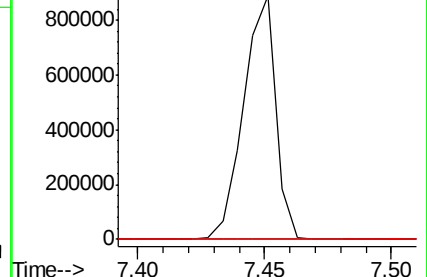
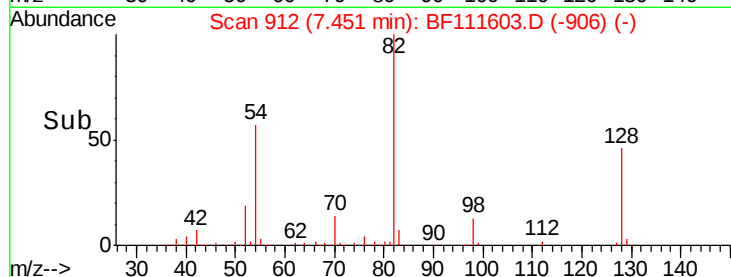
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.128 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

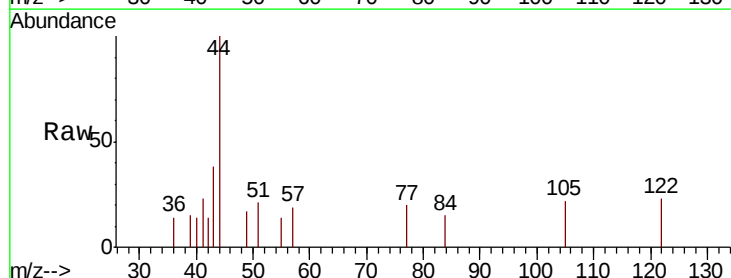
Tgt Ion: 122 Resp: 1089

Ion Ratio Lower Upper

122 100

107 0.0 85.5 128.3#

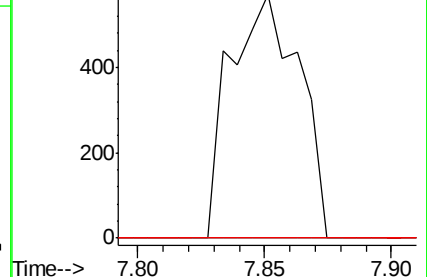
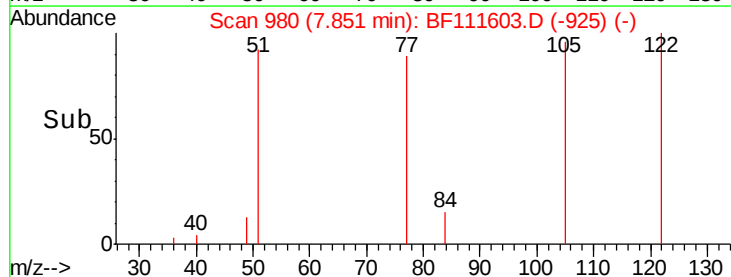
121 0.0 46.6 70.0#

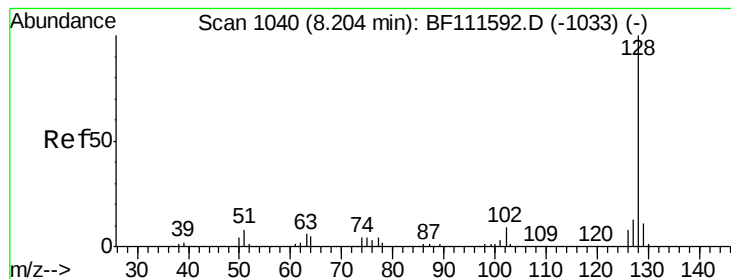


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 0.074 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

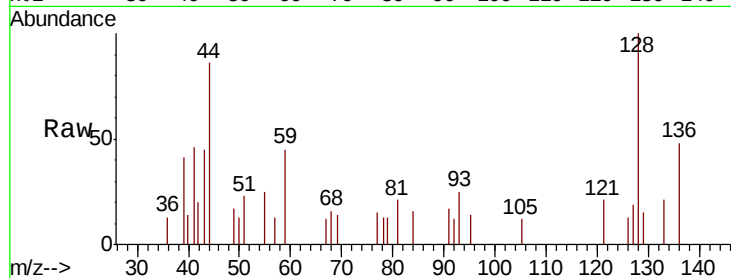
Tgt Ion:128 Resp: 2092

Ion Ratio Lower Upper

128 100

129 14.8 9.8 14.8#

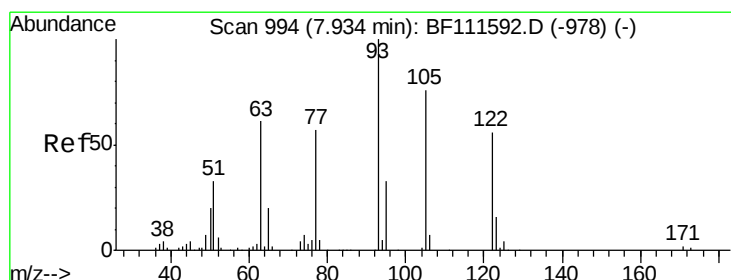
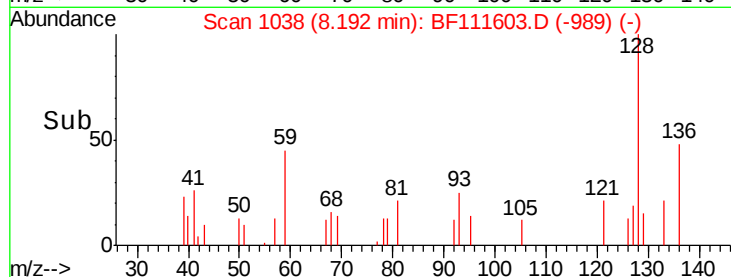
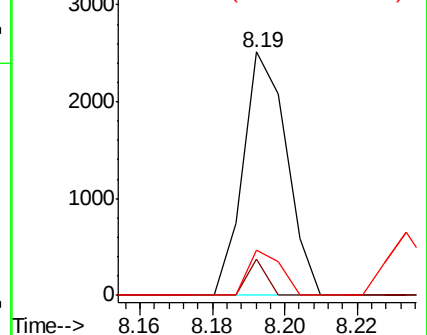
127 18.8 12.0 18.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.020 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

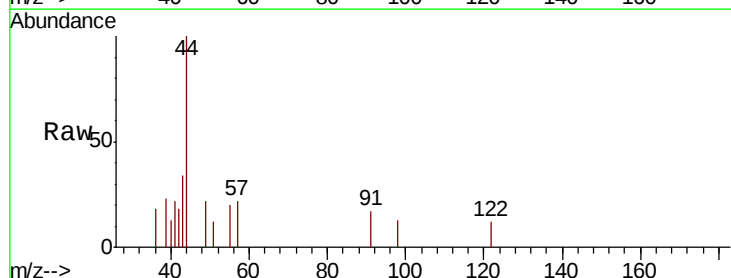
Tgt Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 97.0 137.0#

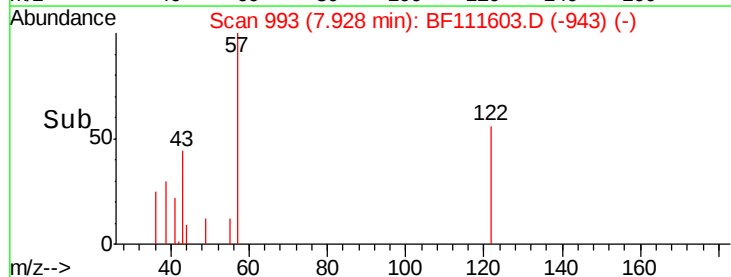
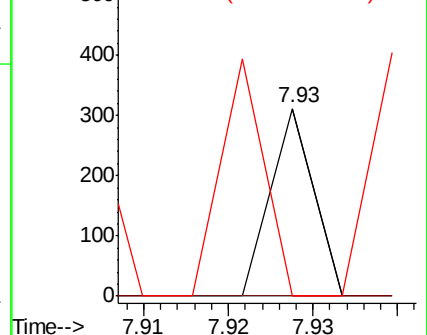
77 0.0 65.7 105.7#

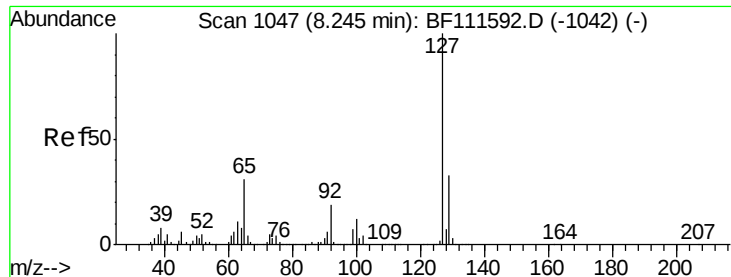


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

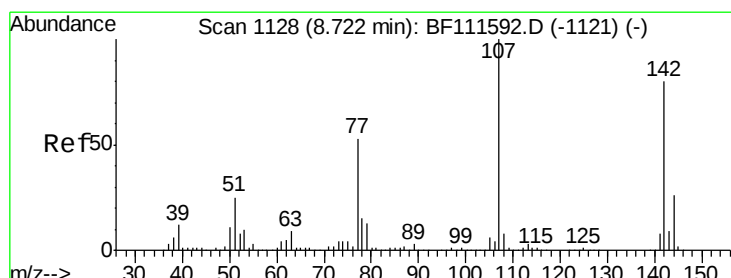
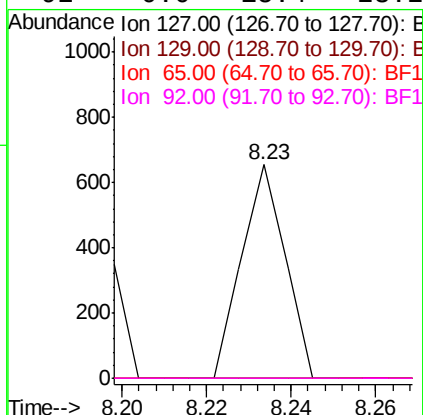
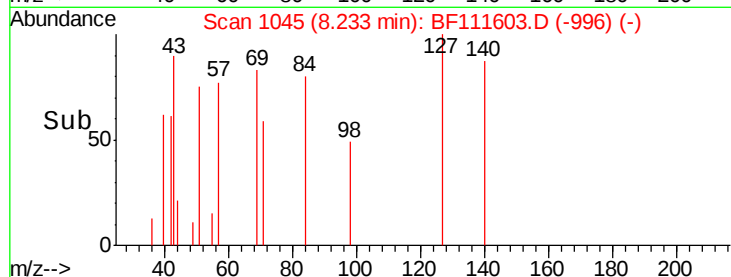
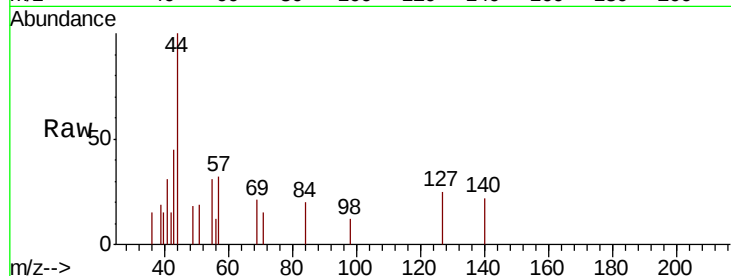




#33
4-Chloroaniline
Concen: 0.038 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

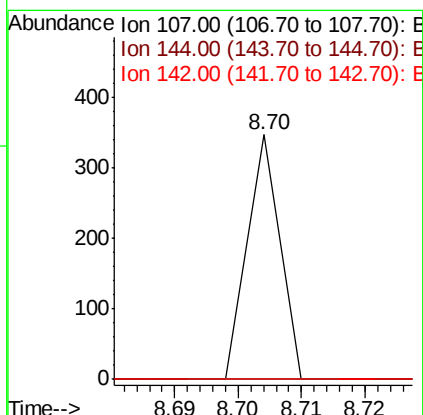
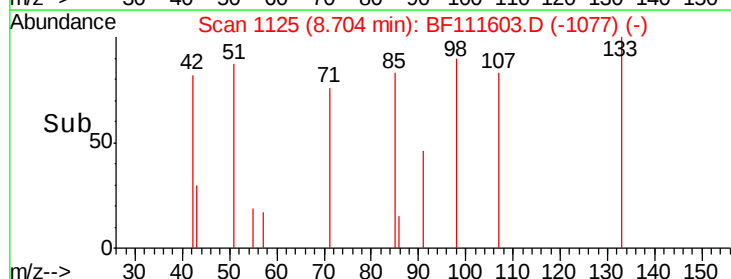
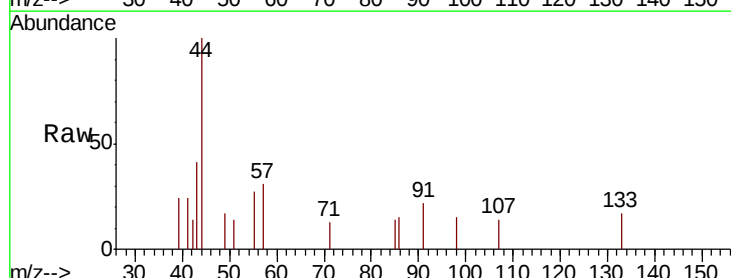
Instrument :
BNA_F
ClientSampleId :
VB16202

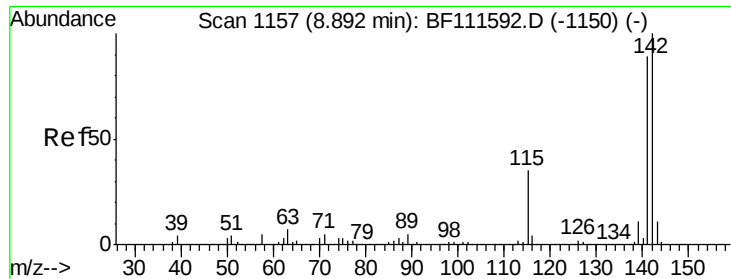
Tgt Ion:	127	Resp:	468
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	39.8#
65	0.0	25.7	38.5#
92	0.0	15.4	23.2#



#36
4-Chloro-3-methylphenol
Concen: 0.014 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:	107	Resp:	122
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	62.3	93.5#

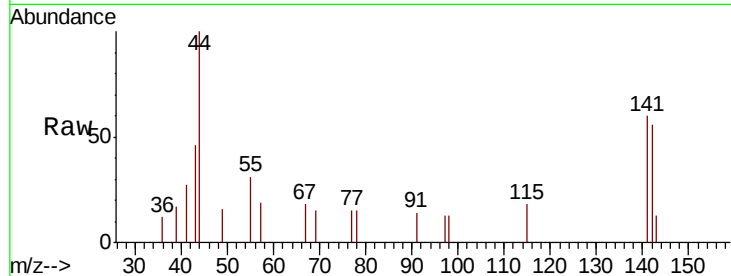




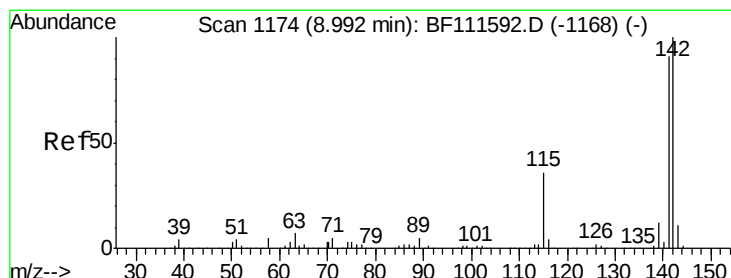
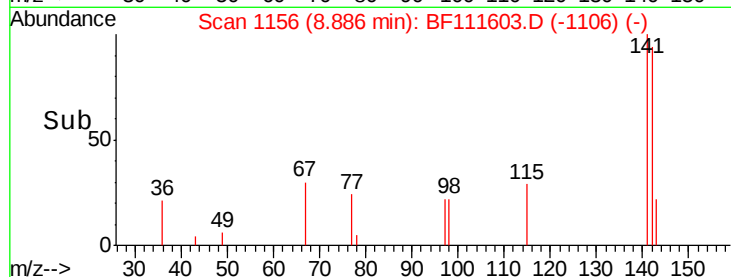
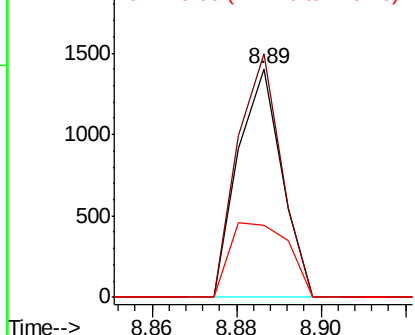
#37
 2-Methylnaphthalene
 Concen: 0.055 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 VB16202

Tgt Ion:142 Resp: 1010
 Ion Ratio Lower Upper
 142 100
 141 106.6 70.6 105.8#
 115 31.3 27.0 40.6

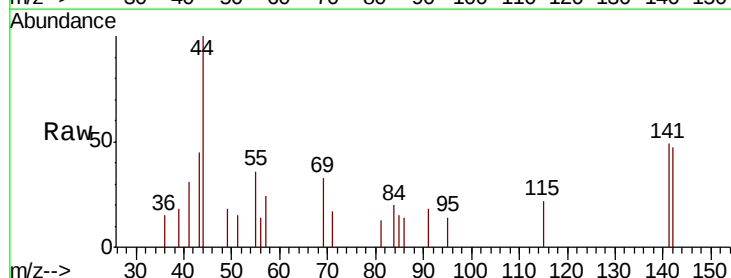


Abundance Ion 142.00 (141.70 to 142.70): E
 2000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

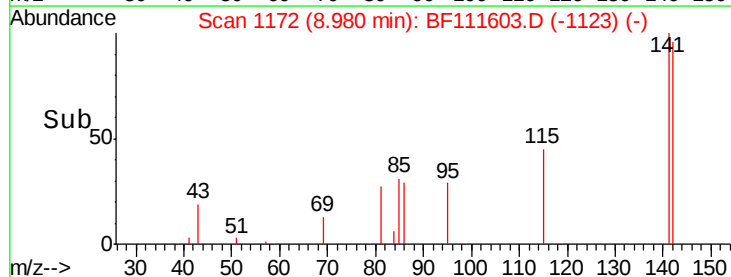
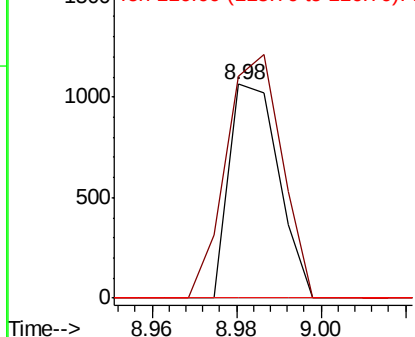


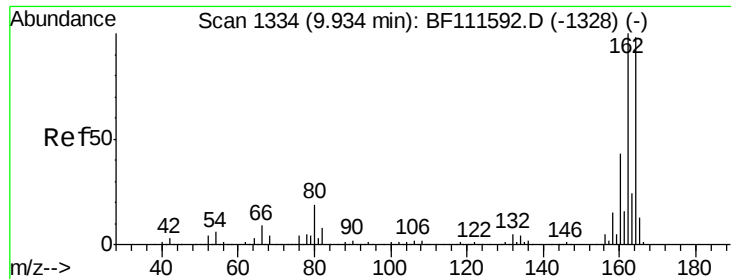
#38
 1-Methylnaphthalene
 Concen: 0.049 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Tgt Ion:142 Resp: 866
 Ion Ratio Lower Upper
 142 100
 141 103.8 74.2 111.4
 116 0.0 2.9 4.3#



Abundance Ion 142.00 (141.70 to 142.70): E
 1500 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

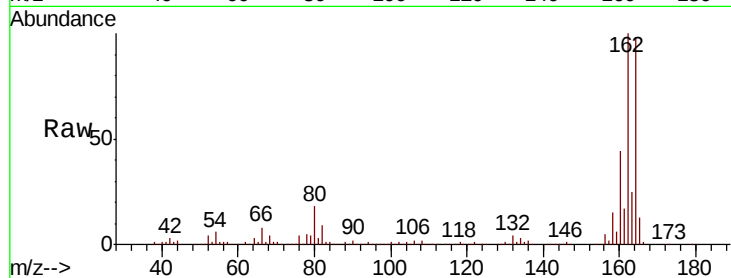




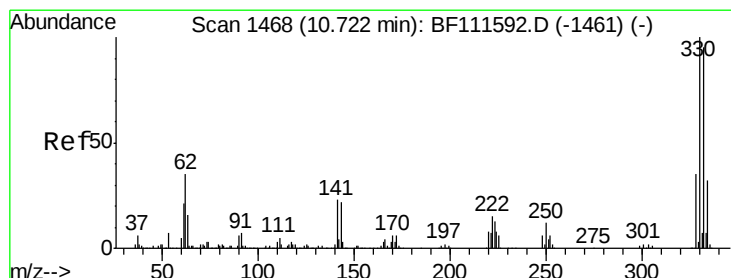
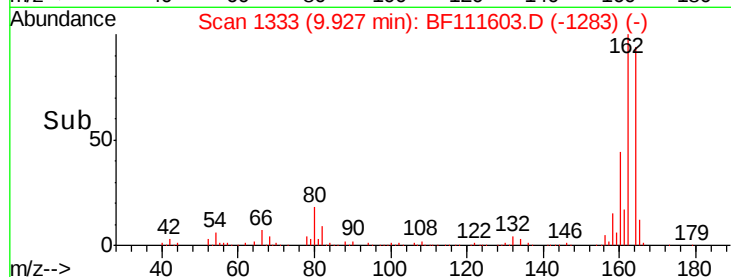
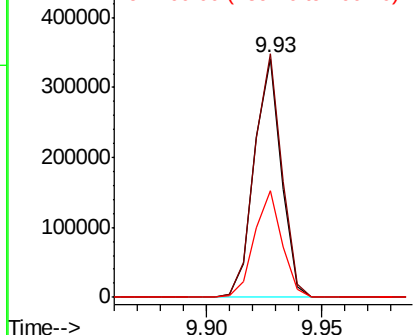
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 VB16202

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	44.6	35.7	53.5

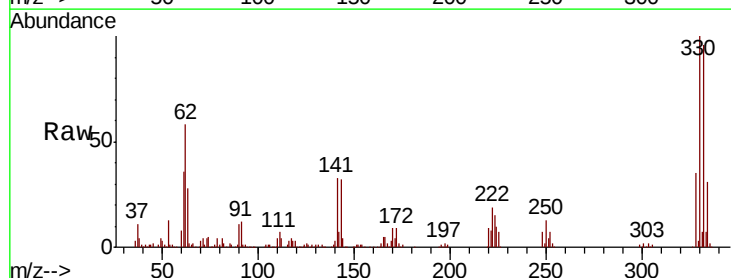


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

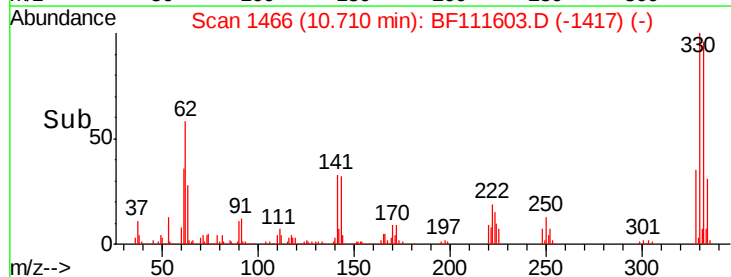
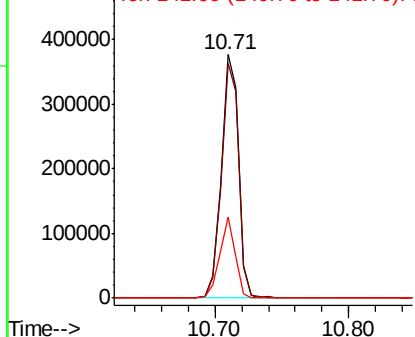


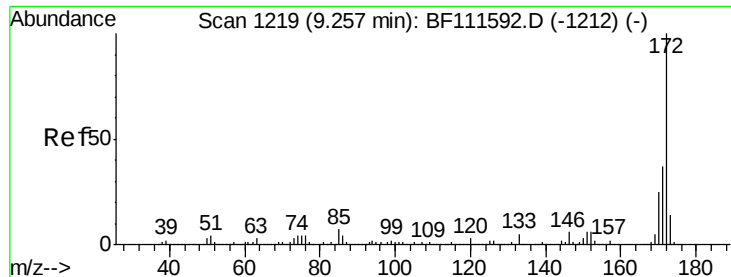
#42
 2,4,6-Tribromophenol
 Concen: 103.691 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	30.3	31.0	46.6



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

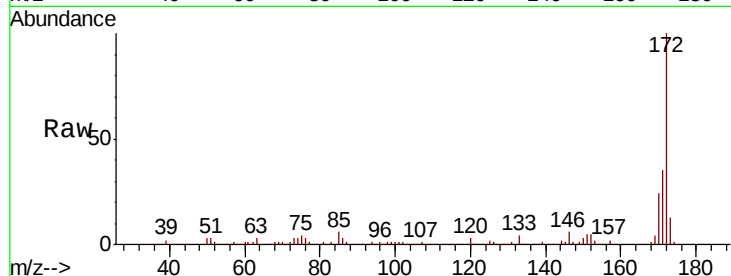




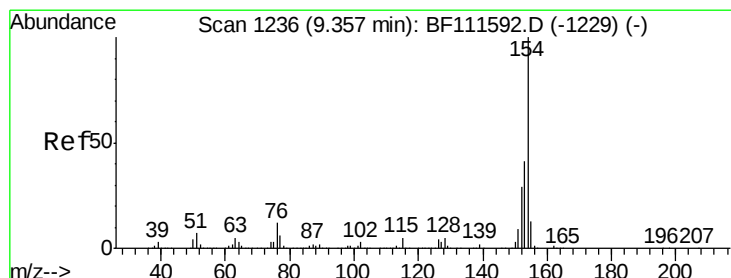
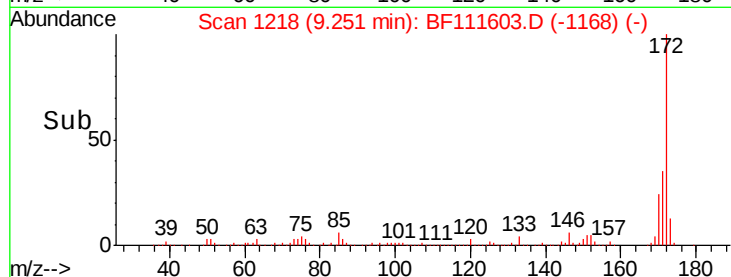
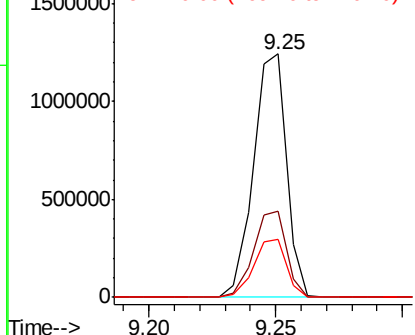
#45
2-Fluorobiphenyl
Concen: 59.045 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
VB16202

Tgt Ion:172 Resp: 1134602
Ion Ratio Lower Upper
172 100
171 35.5 33.0 49.4
170 23.8 22.3 33.5

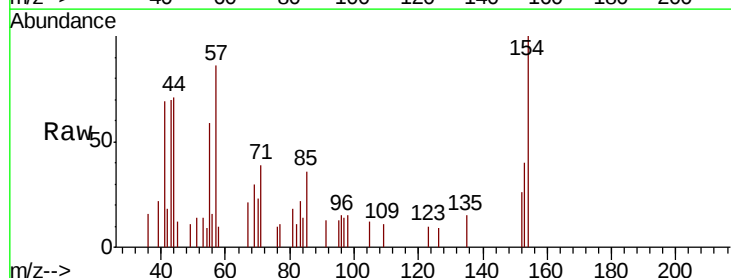


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

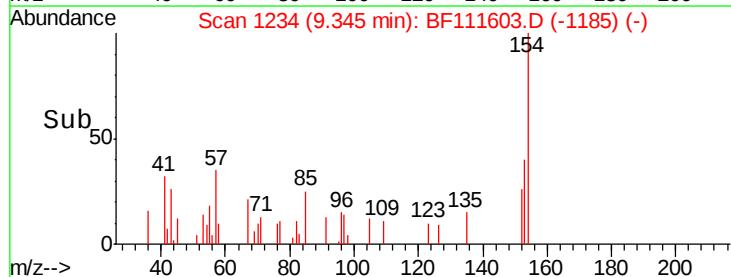
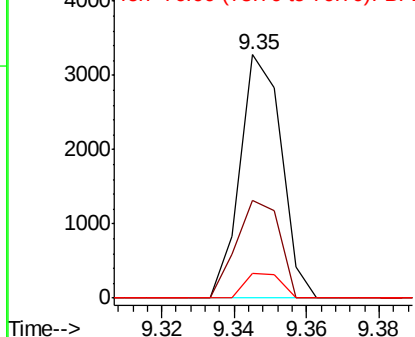


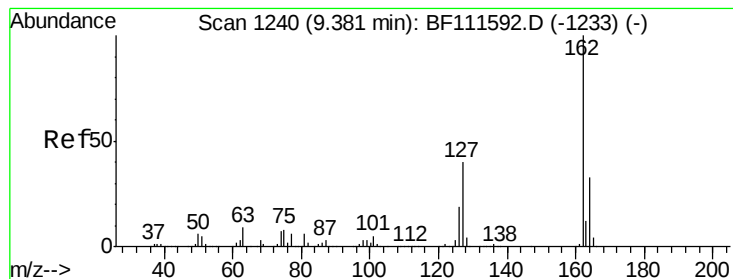
#46
1,1'-Biphenyl
Concen: 0.110 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:154 Resp: 2606
Ion Ratio Lower Upper
154 100
153 40.2 23.7 63.7
76 10.3 0.0 35.0



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





#47

2-Chloronaphthalene

Concen: 0.072 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.25 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

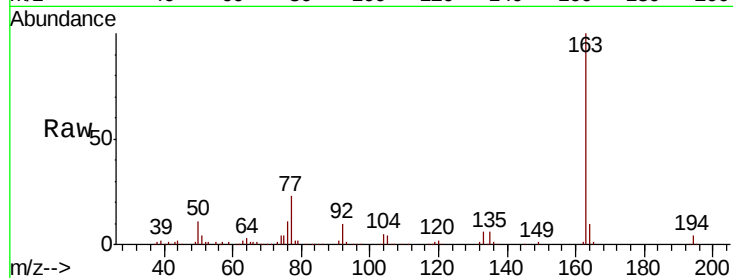
Tgt Ion: 162 Resp: 1348

Ion Ratio Lower Upper

162 100

127 0.0 35.0 52.4#

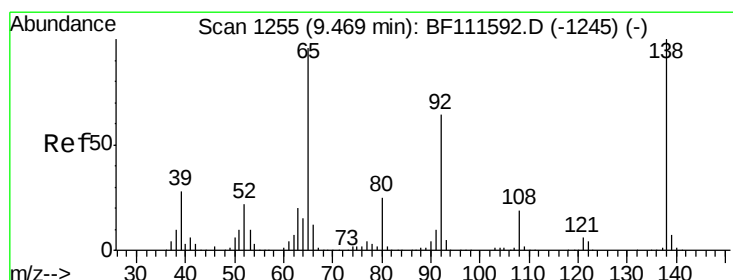
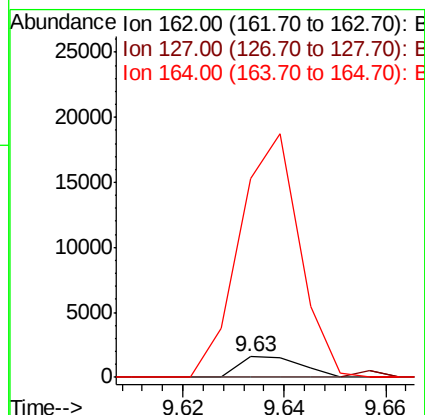
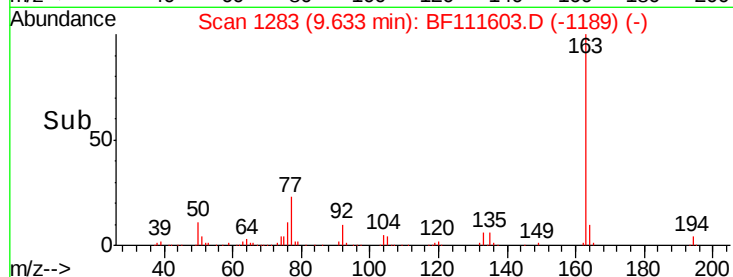
164 963.8 28.4 42.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 0.031 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

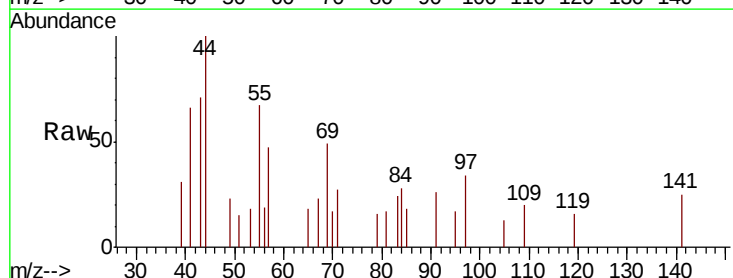
Tgt Ion: 65 Resp: 152

Ion Ratio Lower Upper

65 100

92 0.0 53.5 80.3#

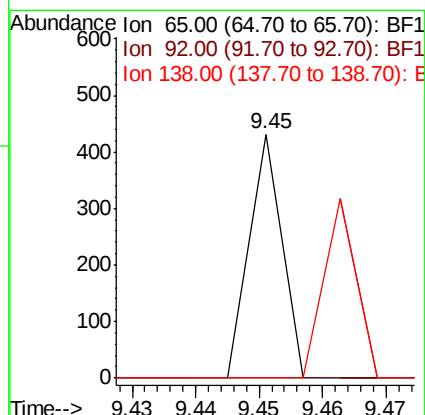
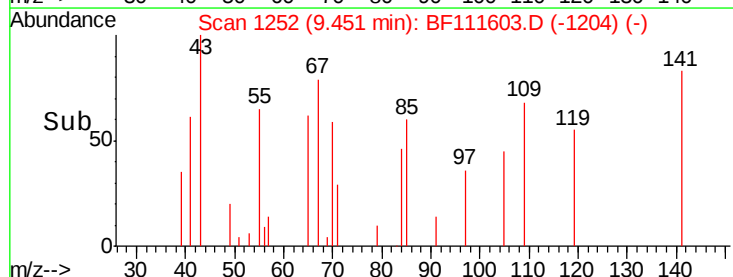
138 0.0 80.9 121.3#

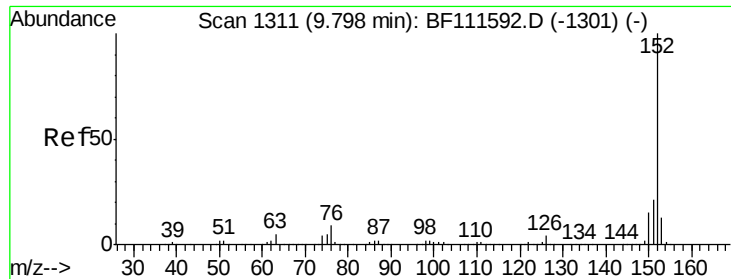


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.024 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

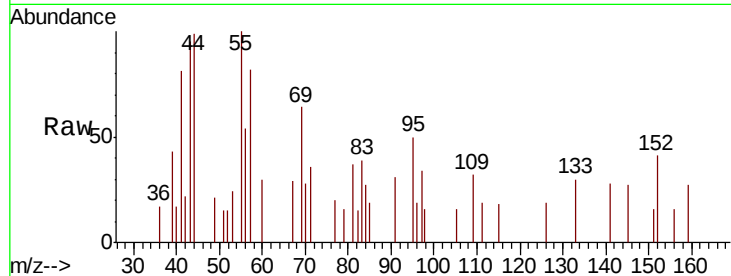
Tgt Ion:152 Resp: 657

Ion Ratio Lower Upper

152 100

151 39.9 18.0 27.0#

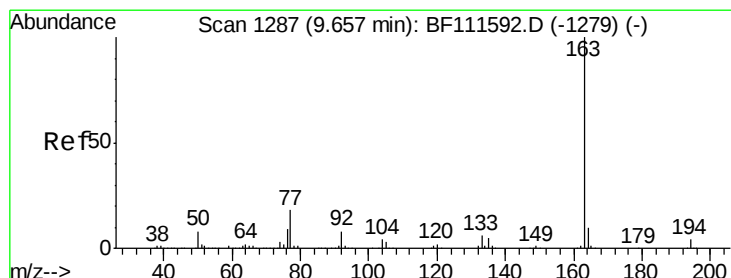
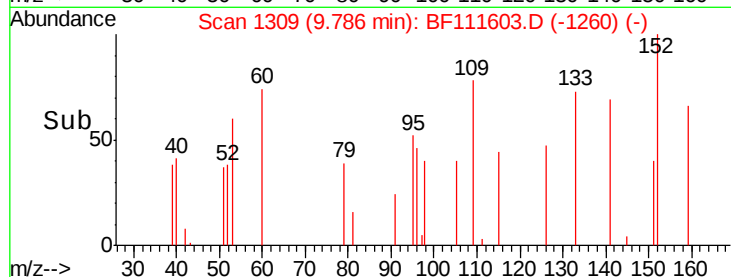
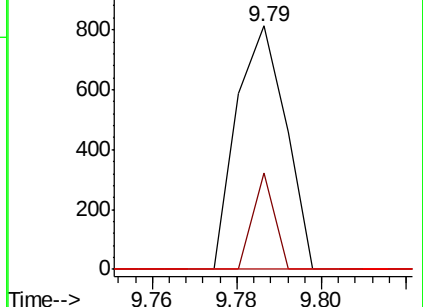
153 0.0 12.3 18.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.324 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

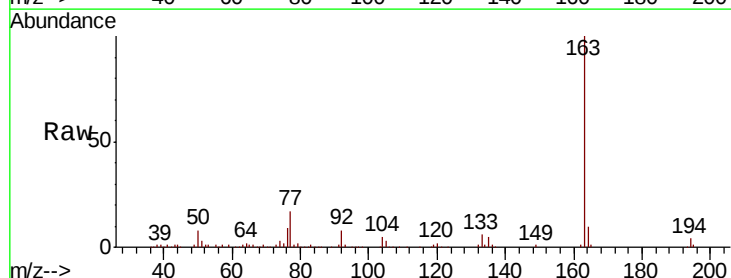
Tgt Ion:163 Resp: 150016

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

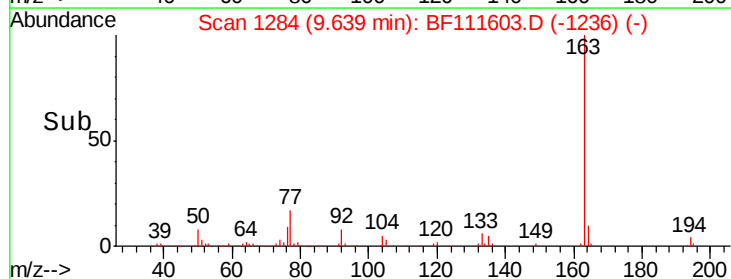
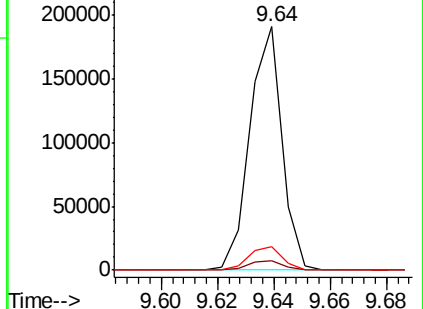
164 9.8 8.9 13.3

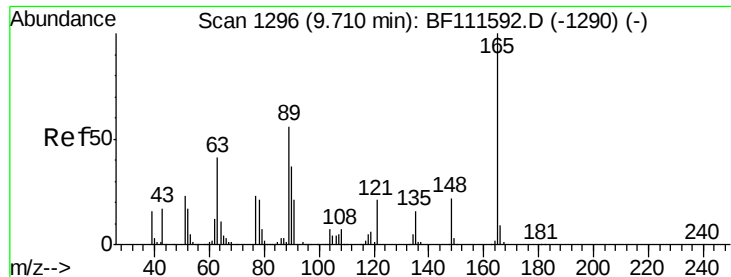


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.449 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.07 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

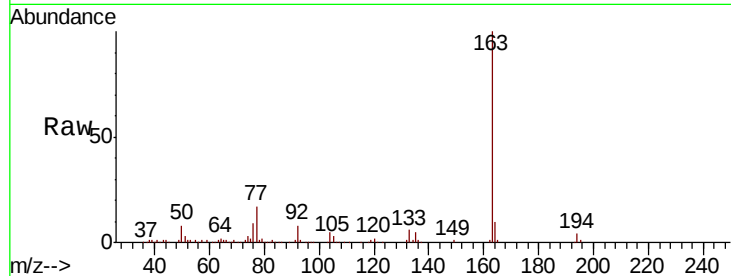
Tgt Ion:165 Resp: 1835

Ion Ratio Lower Upper

165 100

63 131.0 40.5 60.7#

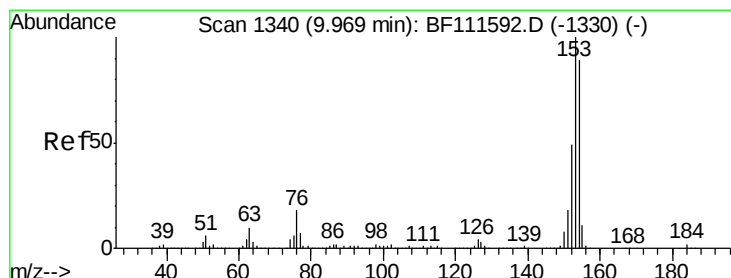
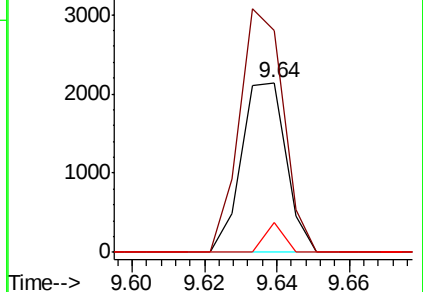
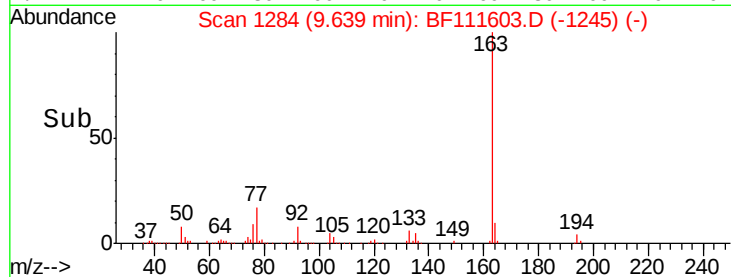
89 17.6 40.0 60.0#



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: 0.019 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

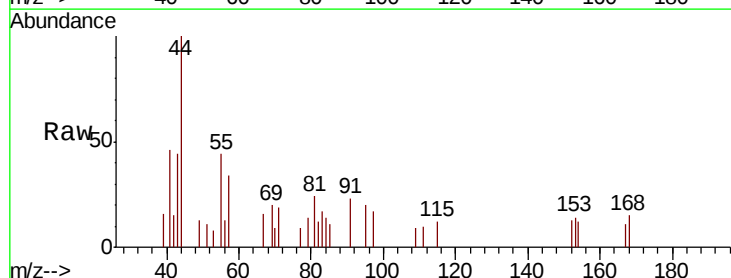
Tgt Ion:154 Resp: 313

Ion Ratio Lower Upper

154 100

153 117.5 87.8 131.8

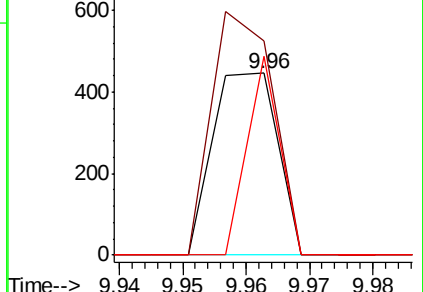
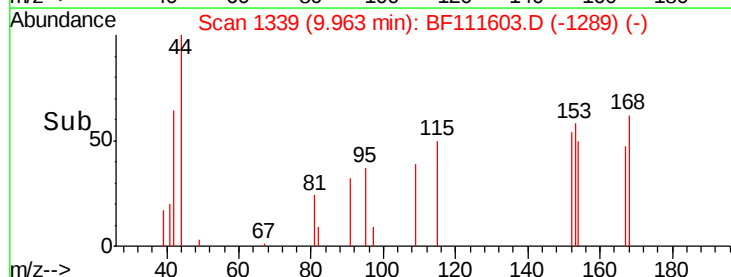
152 109.2 43.4 65.2#

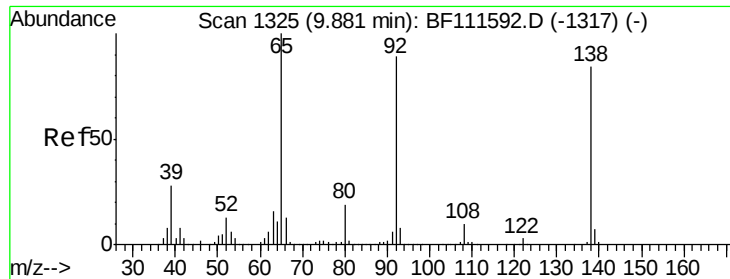


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.026 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.11 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

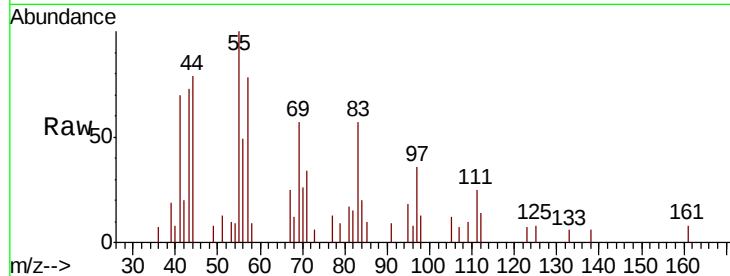
Tgt Ion:138 Resp: 113

Ion Ratio Lower Upper

138 100

108 0.0 8.2 12.4#

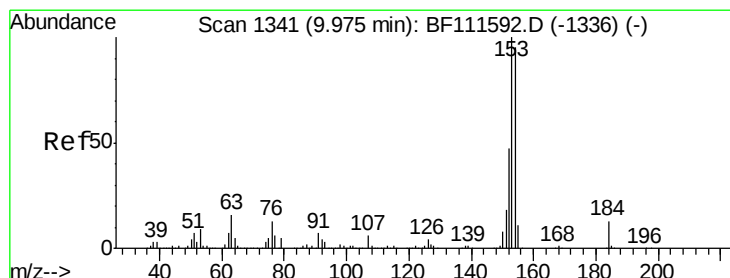
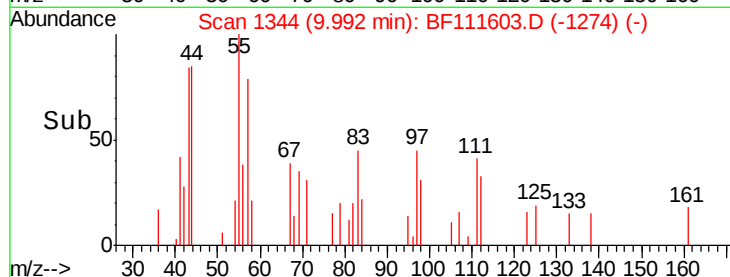
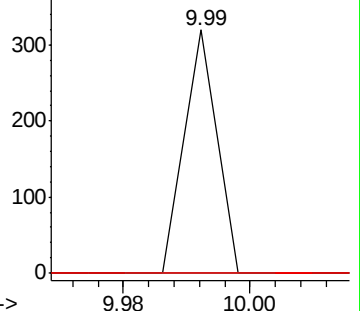
92 0.0 93.4 140.2#



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



#54

2,4-Dinitrophenol

Concen: 7.717 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.08 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

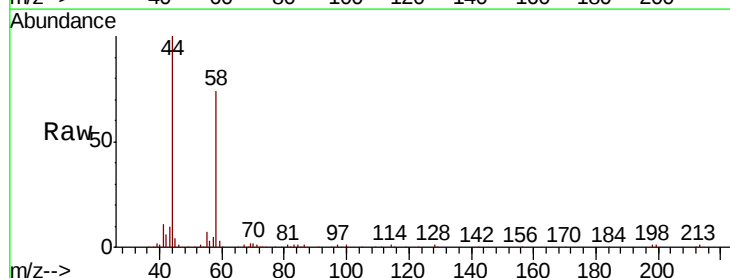
Tgt Ion:184 Resp: 591

Ion Ratio Lower Upper

184 100

63 0.0 62.3 93.5#

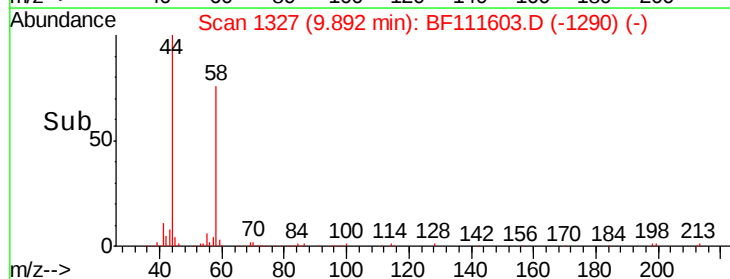
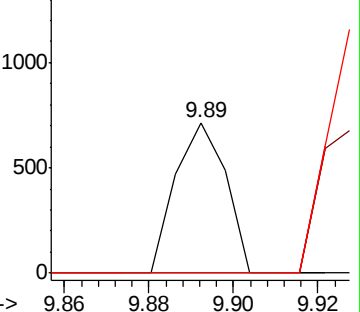
154 0.0 56.2 84.2#

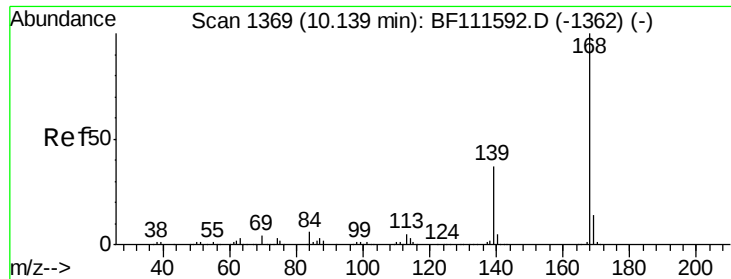


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 0.024 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampled :

VB16202

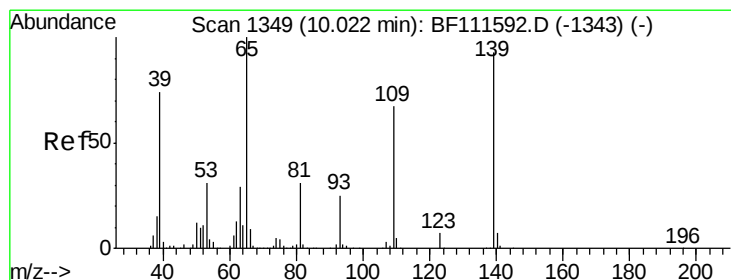
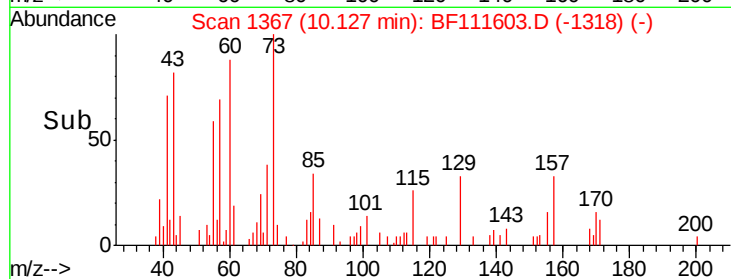
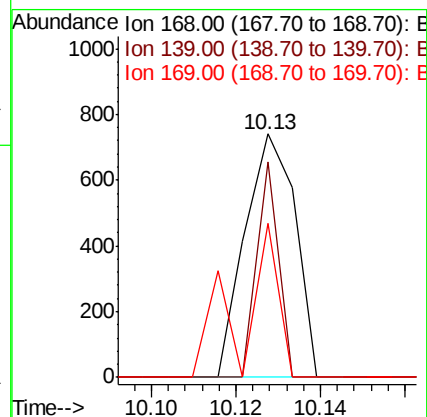
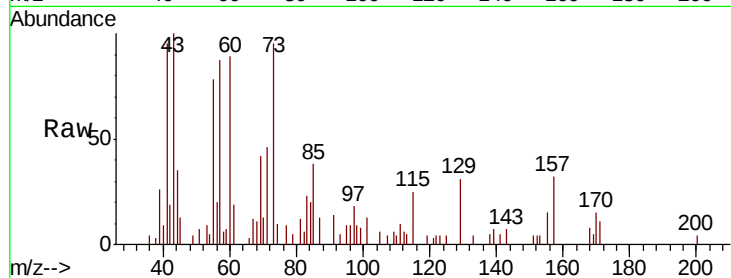
Tgt Ion:168 Resp: 612

Ion Ratio Lower Upper

168 100

139 88.7 32.6 49.0#

169 63.2 11.8 17.6#



#56

4-Nitrophenol

Concen: 0.070 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.11 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

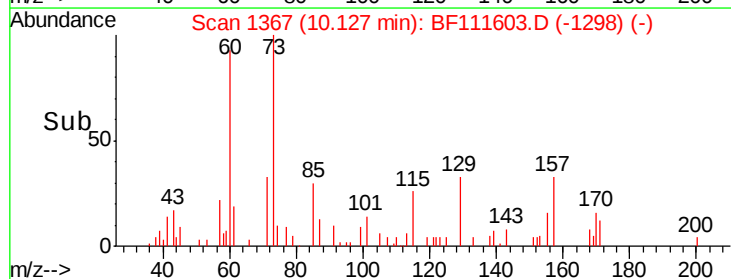
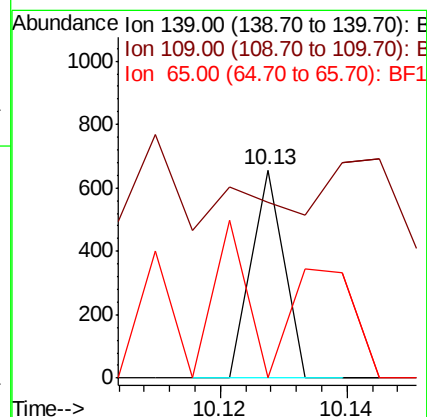
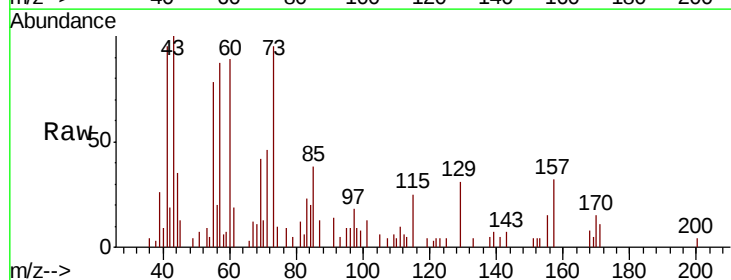
Tgt Ion:139 Resp: 232

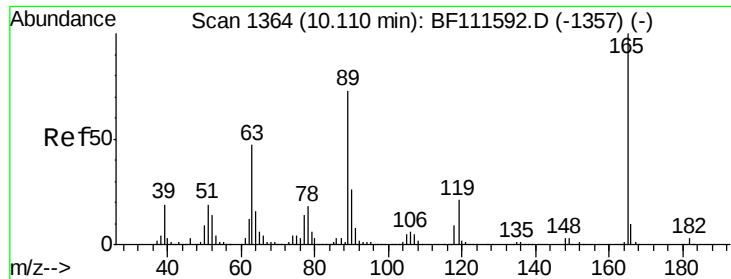
Ion Ratio Lower Upper

139 100

109 84.3 41.8 81.8#

65 0.0 79.6 119.6#

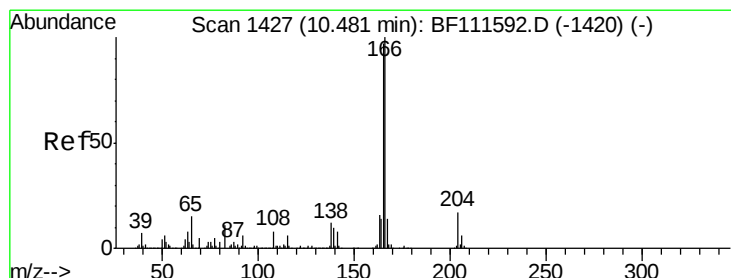
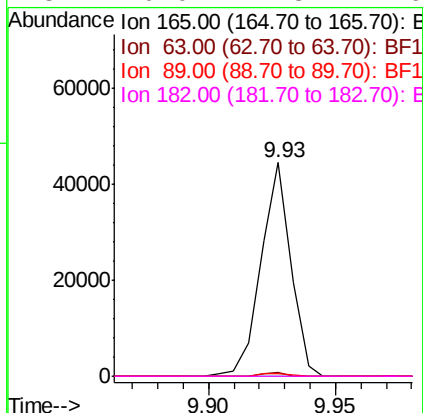
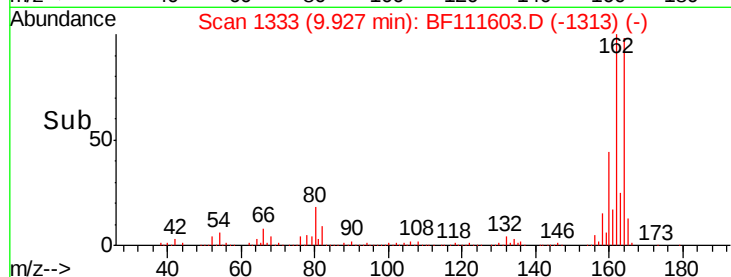
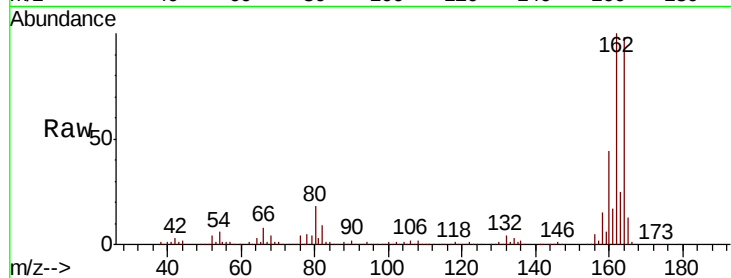




#57
2,4-Dinitrotoluene
Concen: 7.405 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

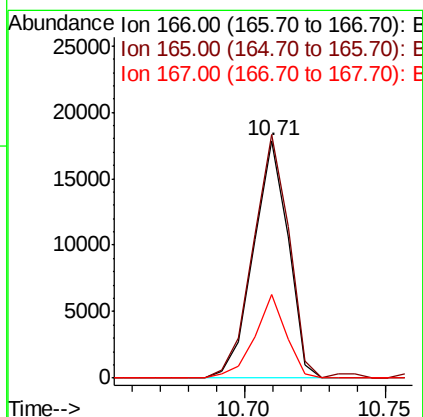
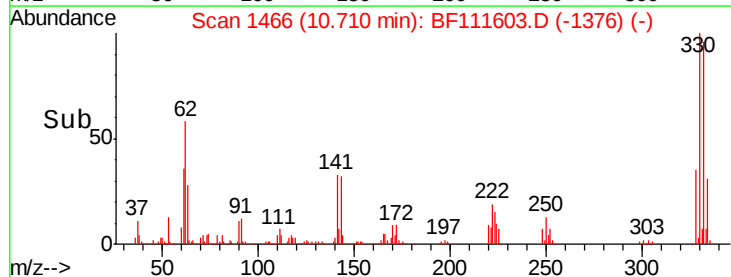
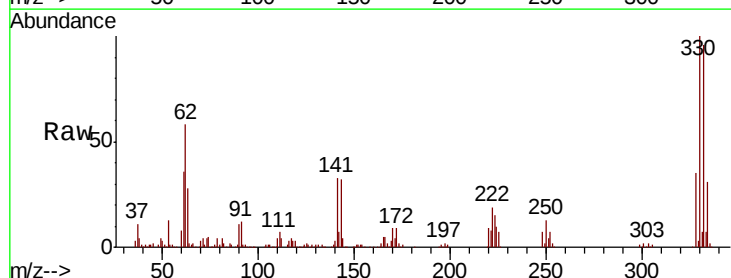
Instrument :
BNA_F
ClientSampleId :
VB16202

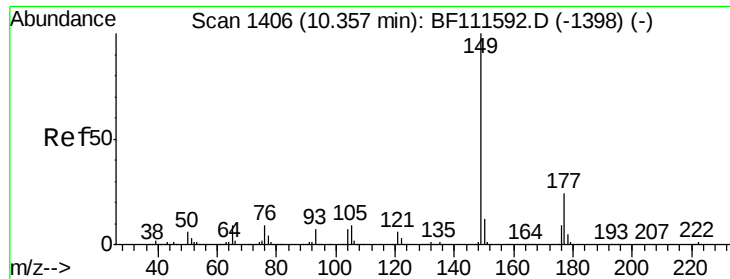
Tgt Ion:	165	Resp:	36345
Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 0.829 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.23 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:	166	Resp:	15223
Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.4	117.6
167	35.2	11.2	16.8#

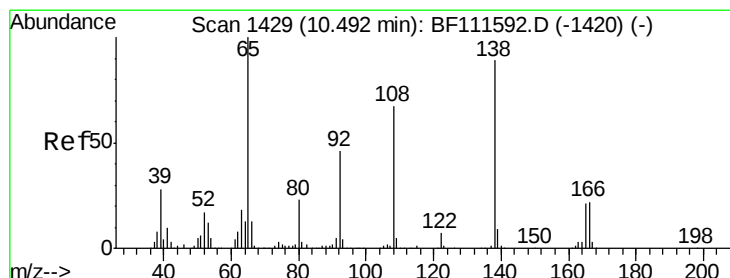
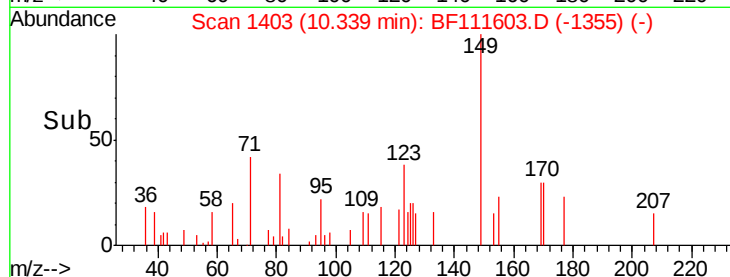
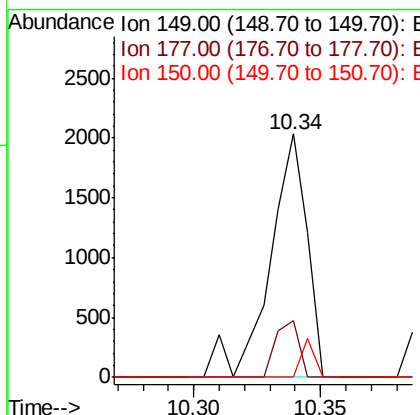
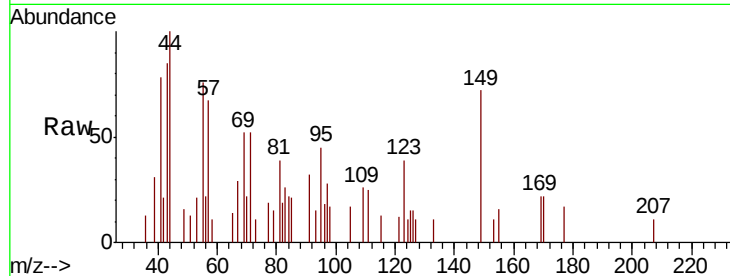




#60
Diethylphthalate
Concen: 0.104 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

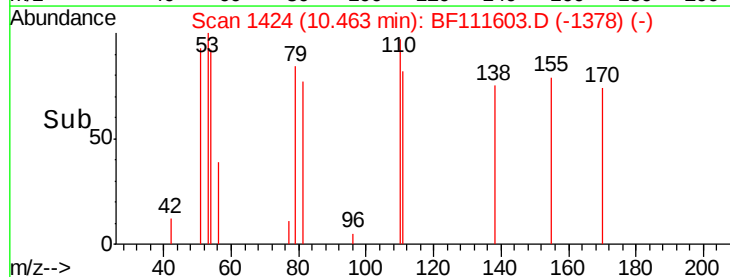
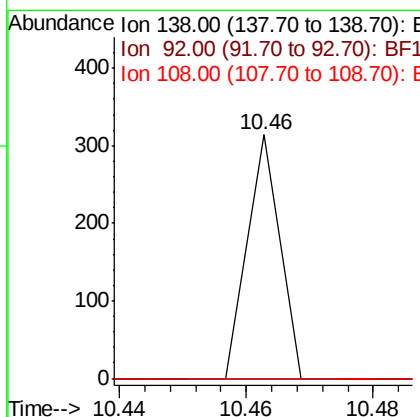
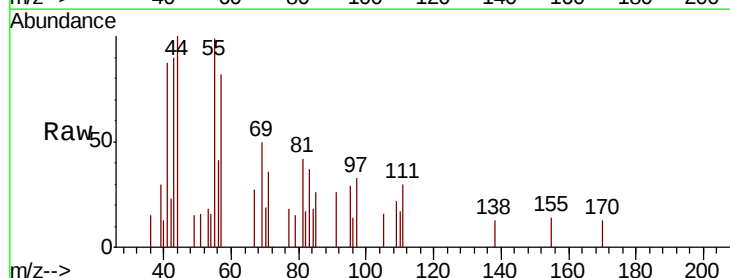
Instrument :
BNA_F
ClientSampleId :
VB16202

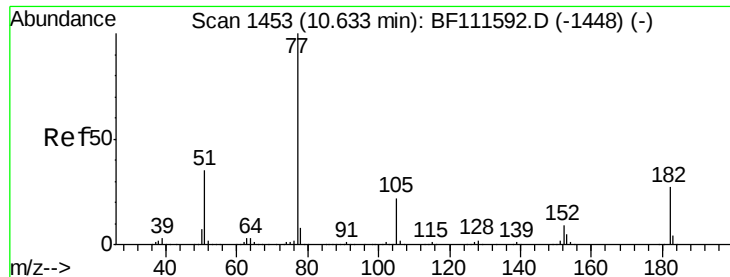
Tgt Ion:149 Resp: 2083
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 0.0 10.6 15.8#



#62
4-Nitroaniline
Concen: 0.026 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
92 0.0 29.9 69.9#
108 0.0 43.2 83.2#





#63

Azobenzene

Concen: 0.028 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampled :

VB16202

Tgt Ion: 77 Resp: 556

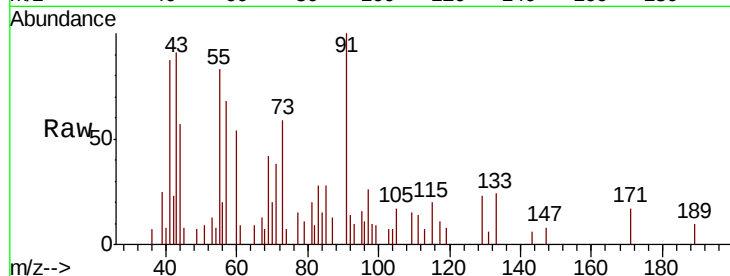
Ion Ratio Lower Upper

77 100

182 0.0 4.9 44.9#

105 109.2 6.0 46.0#

51 61.3 14.7 54.7#

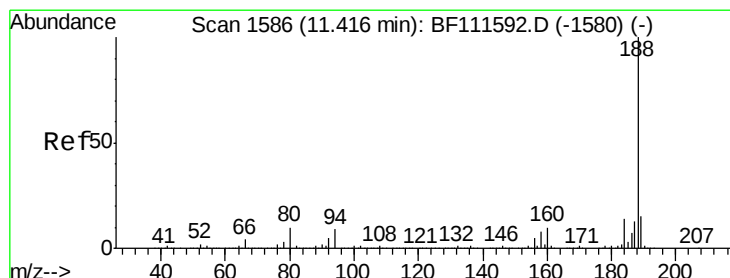
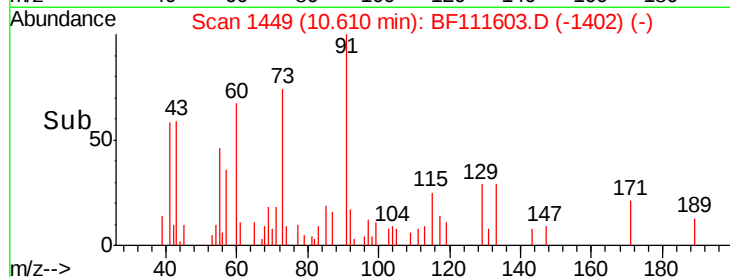
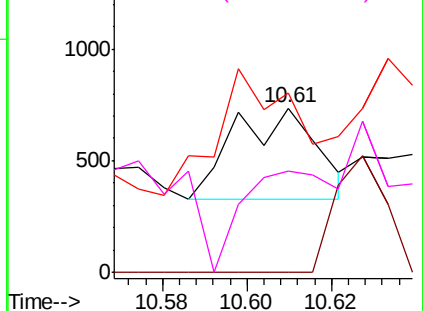


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

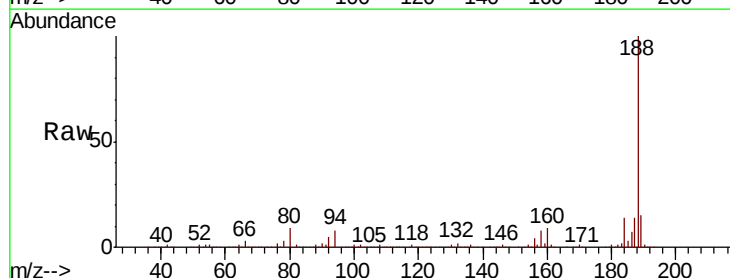
Tgt Ion: 188 Resp: 490869

Ion Ratio Lower Upper

188 100

94 8.4 9.6 14.4#

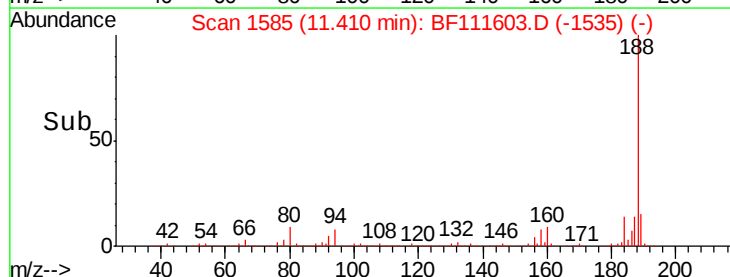
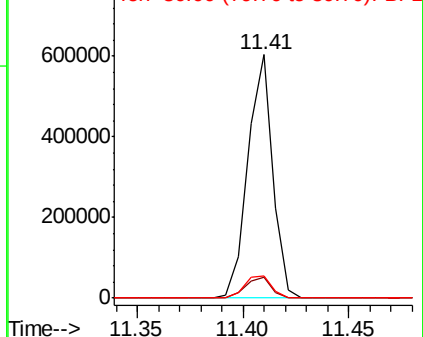
80 9.1 9.8 14.6#

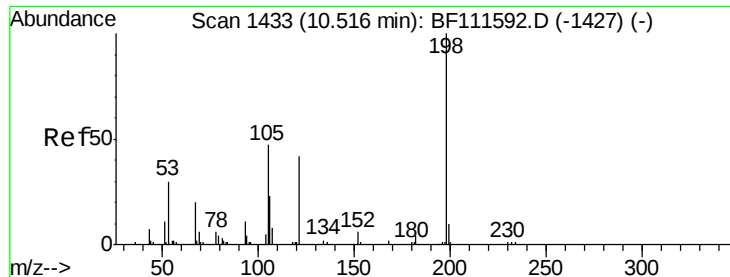


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

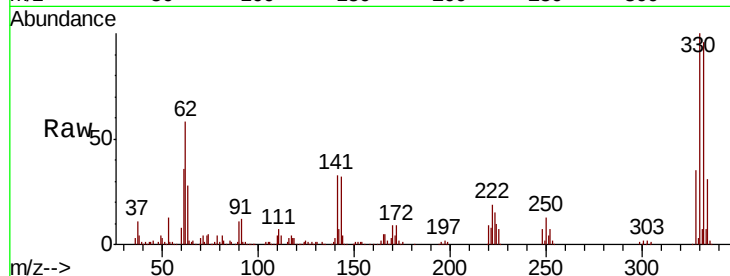




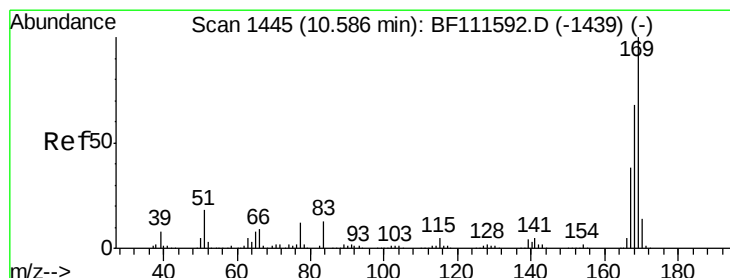
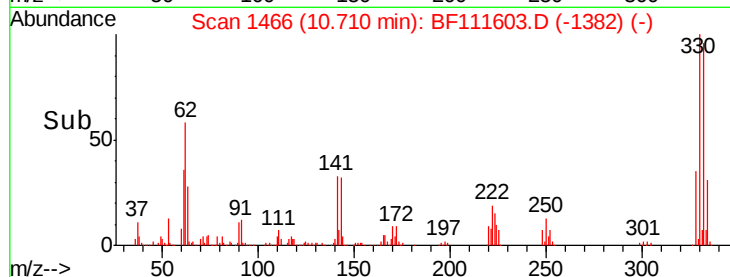
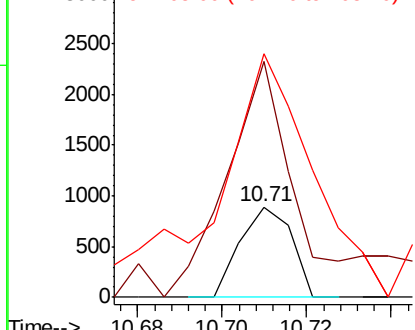
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.013 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 VB16202

Tgt Ion:198 Resp: 754
 Ion Ratio Lower Upper
 198 100
 51 260.7 48.0 88.0#
 105 269.1 34.0 74.0#

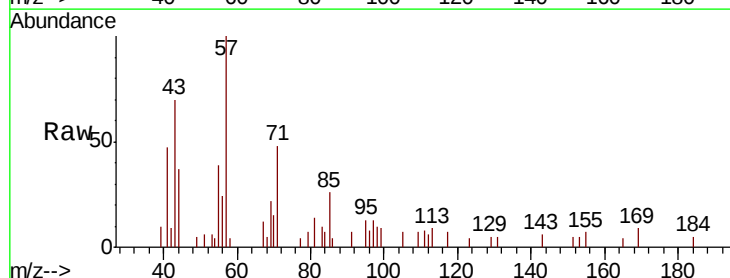


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

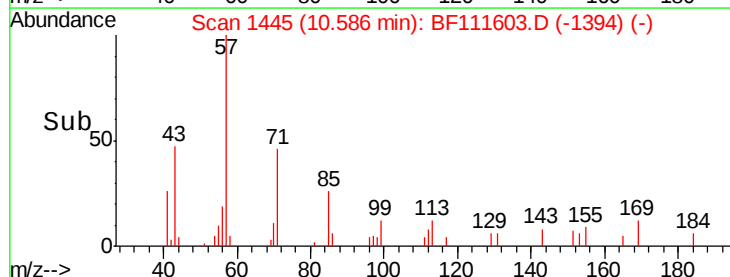
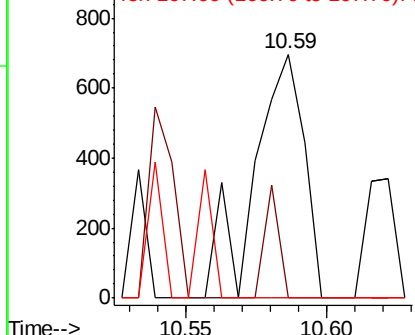


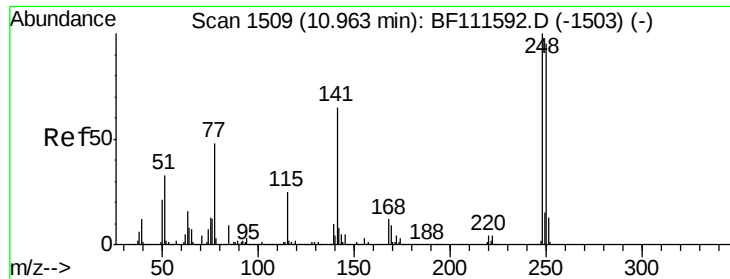
#66
 n-Nitrosodiphenylamine
 Concen: 0.052 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Tgt Ion:169 Resp: 858
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 0.0 30.5 45.7#



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

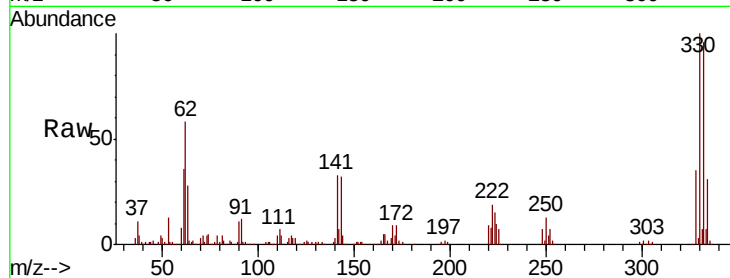




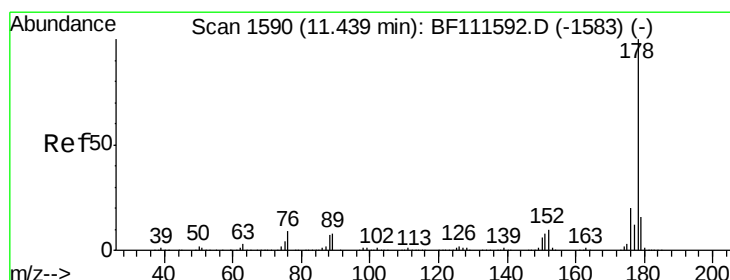
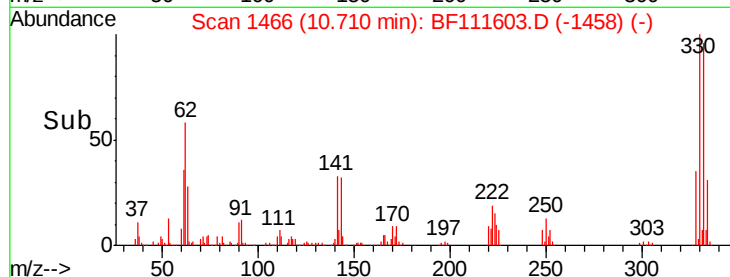
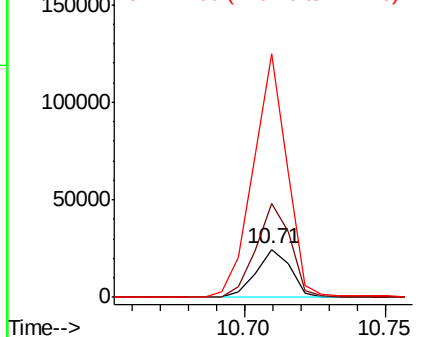
#67
 4-Bromophenyl-phenylether
 Concen: 3.446 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 VB16202

Tgt Ion:248 Resp: 20979
 Ion Ratio Lower Upper
 248 100
 250 194.2 77.0 115.4#
 141 505.4 63.0 94.6#

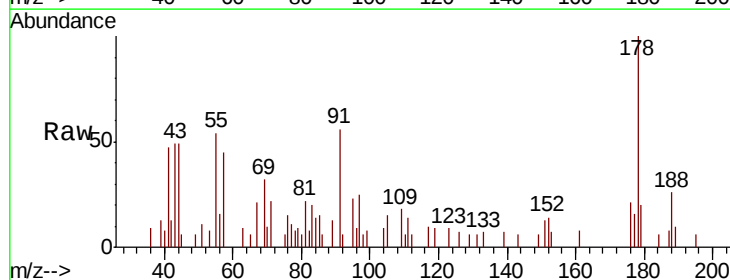


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

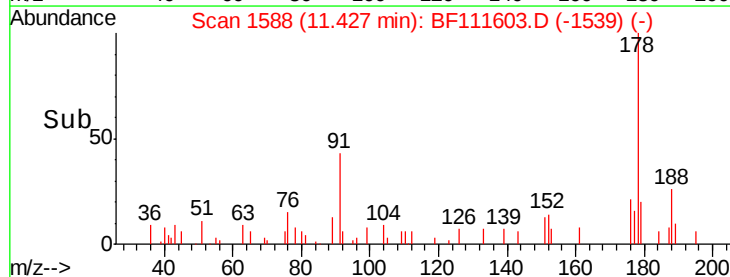
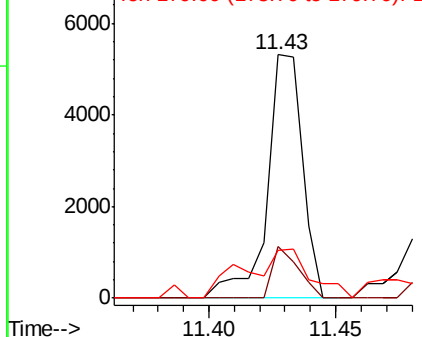


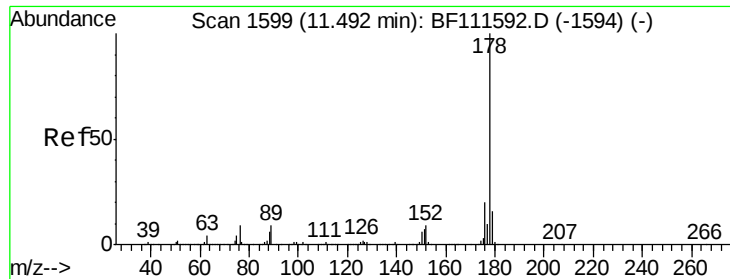
#71
 Phenanthrene
 Concen: 0.197 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Tgt Ion:178 Resp: 5141
 Ion Ratio Lower Upper
 178 100
 176 21.2 18.1 27.1
 179 19.6 14.0 21.0



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

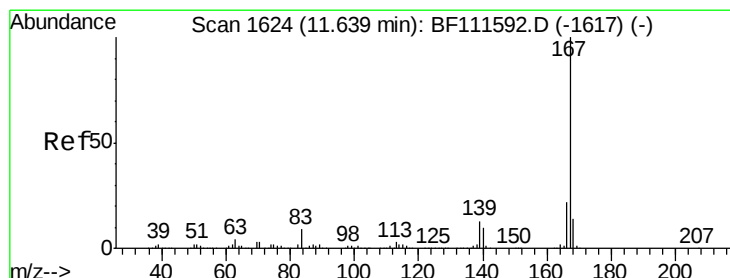
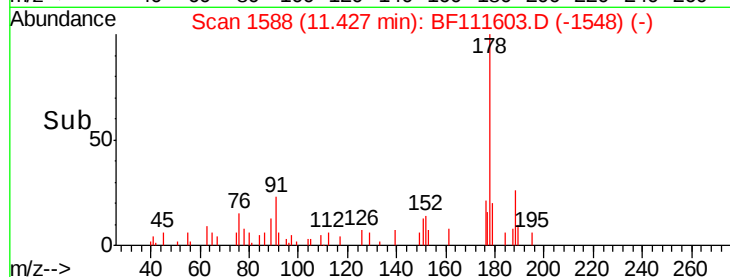
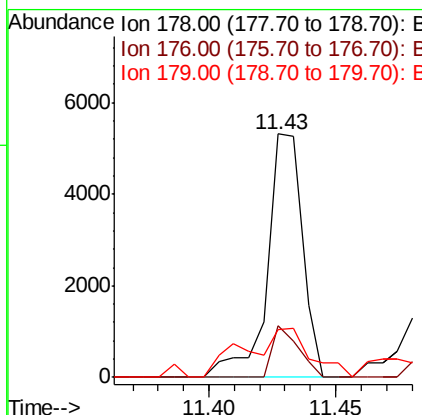
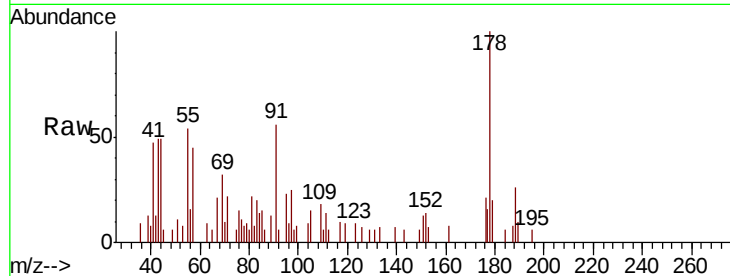




#72
 Anthracene
 Concen: 0.197 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.06 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

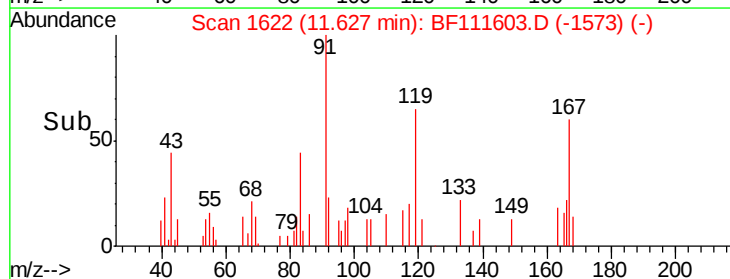
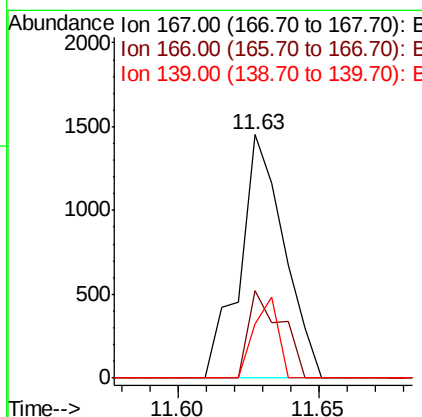
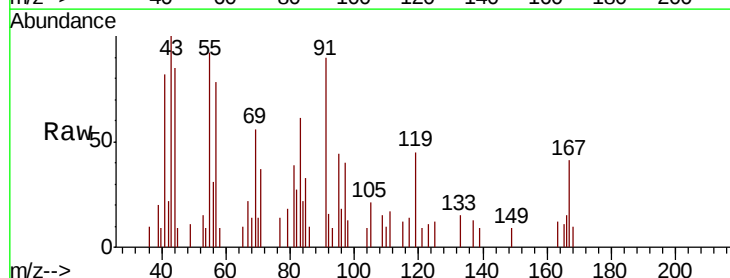
Instrument :
 BNA_F
 ClientSampleId :
 VB16202

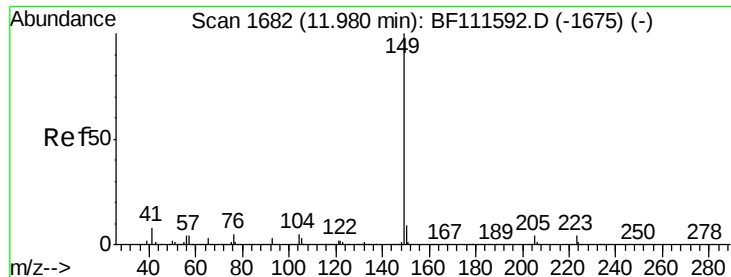
Tgt Ion:178 Resp: 5141
 Ion Ratio Lower Upper
 178 100
 176 21.2 17.2 25.8
 179 19.6 13.8 20.8



#73
 Carbazole
 Concen: 0.062 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Tgt Ion:167 Resp: 1578
 Ion Ratio Lower Upper
 167 100
 166 36.0 19.3 28.9#
 139 22.3 11.9 17.9#

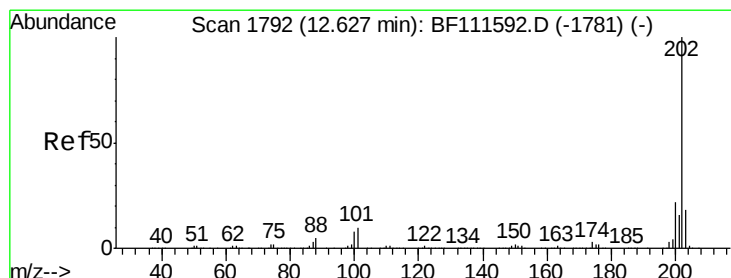
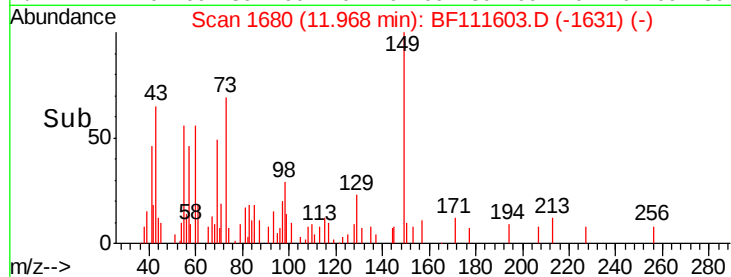
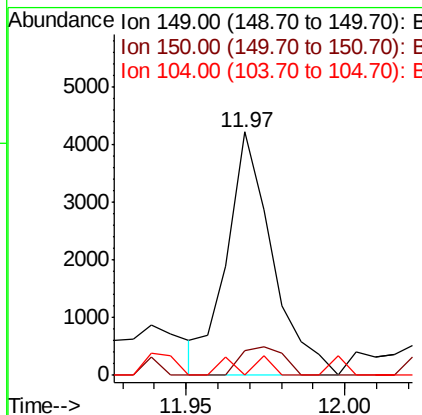
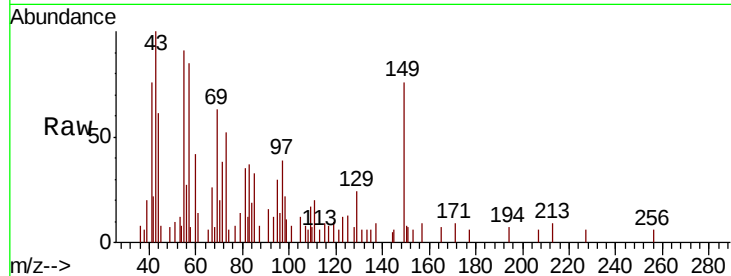




#74
Di-n-butylphthalate
Concen: 0.147 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

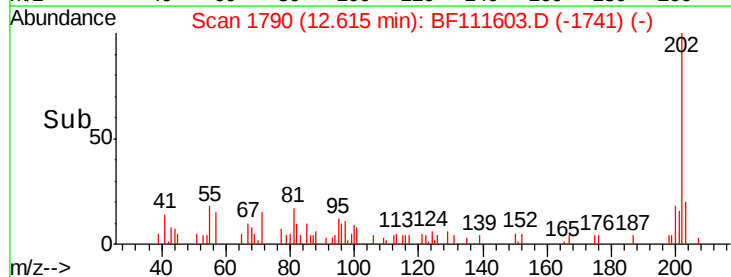
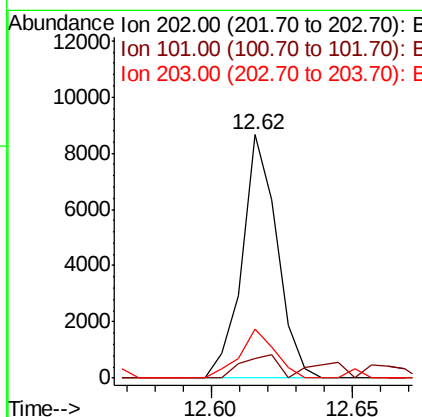
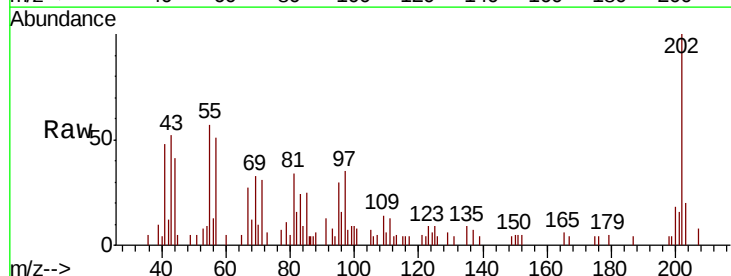
Instrument :
BNA_F
ClientSampleId :
VB16202

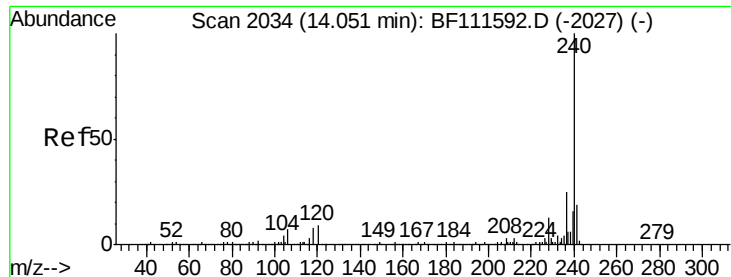
Tgt Ion:149 Resp: 4176
Ion Ratio Lower Upper
149 100
150 10.1 8.8 13.2
104 0.0 4.5 6.7#



#75
Fluoranthene
Concen: 0.281 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:202 Resp: 7419
Ion Ratio Lower Upper
202 100
101 8.1 0.0 33.8
203 20.2 0.0 38.6

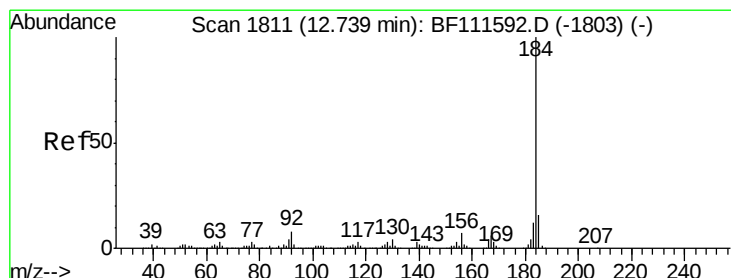
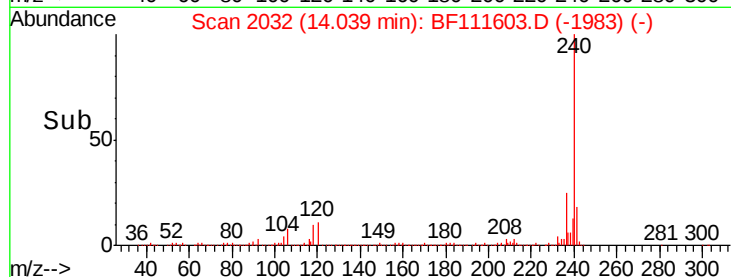
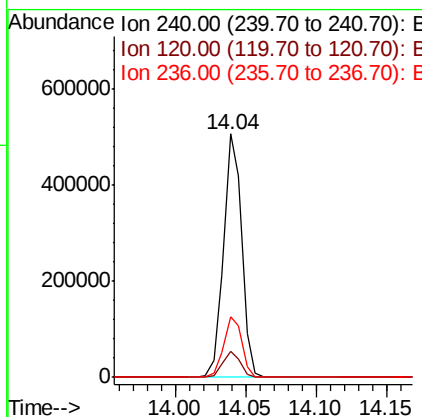
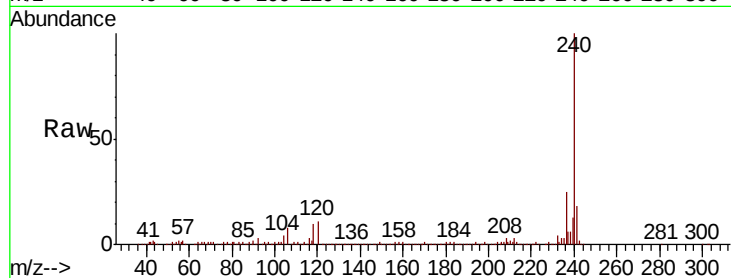




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

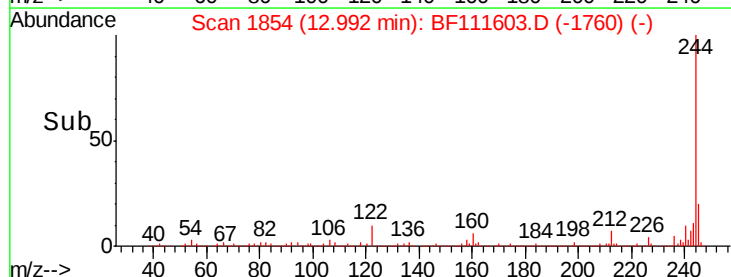
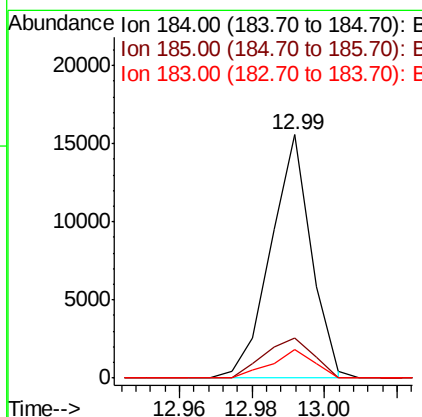
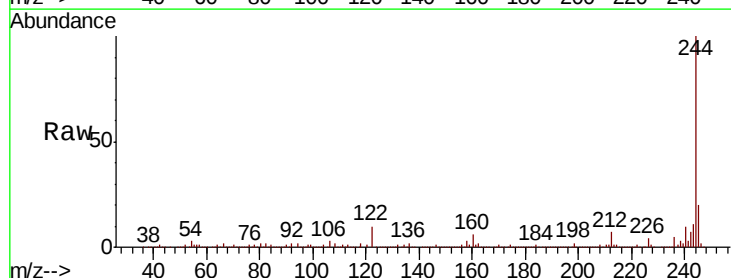
Instrument :
BNA_F
ClientSampleId :
VB16202

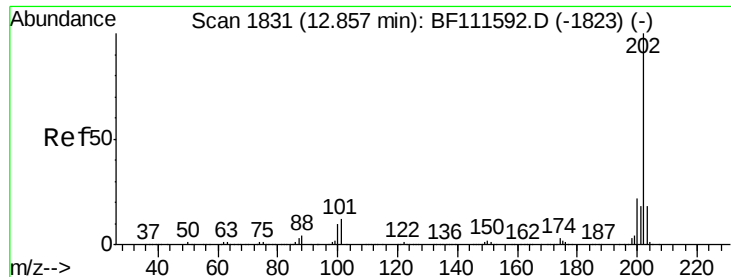
Tgt Ion:240 Resp: 452450
Ion Ratio Lower Upper
240 100
120 10.8 12.2 18.2#
236 24.9 20.2 30.2



#77
Benzidine
Concen: 0.713 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.25 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:184 Resp: 12136
Ion Ratio Lower Upper
184 100
185 16.6 13.0 19.6
183 11.5 9.3 13.9





#78

Pyrene

Concen: 0.240 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

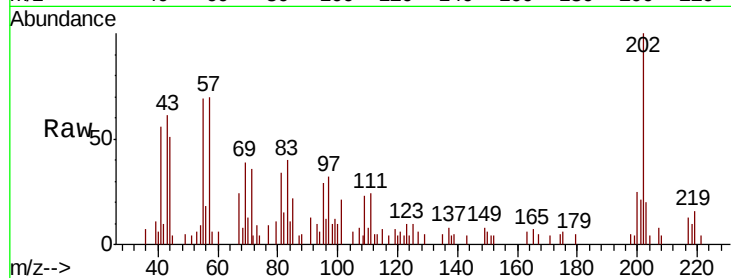
Tgt Ion:202 Resp: 7682

Ion Ratio Lower Upper

202 100

200 24.6 19.0 28.4

203 19.9 15.2 22.8

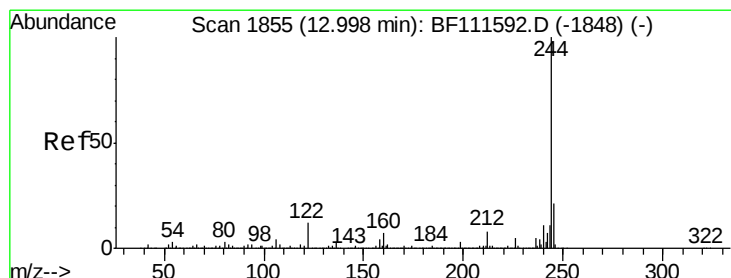
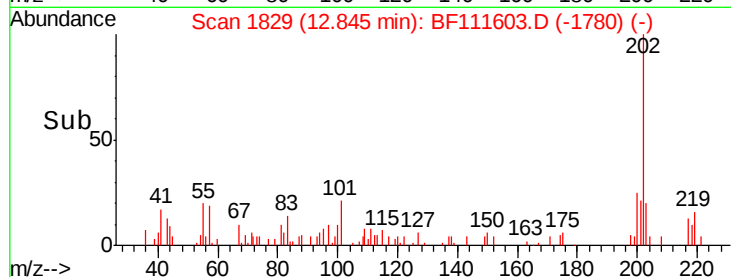
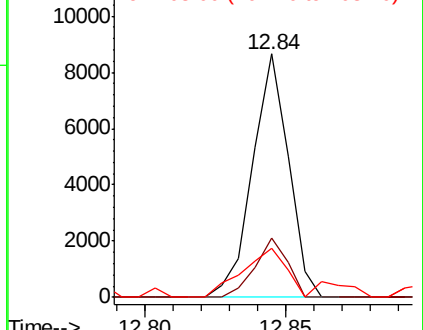


Abundance

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: 43.304 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

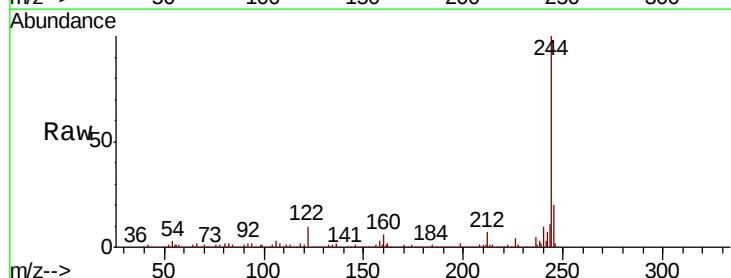
Tgt Ion:244 Resp: 1033142

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.3 13.1 19.7#

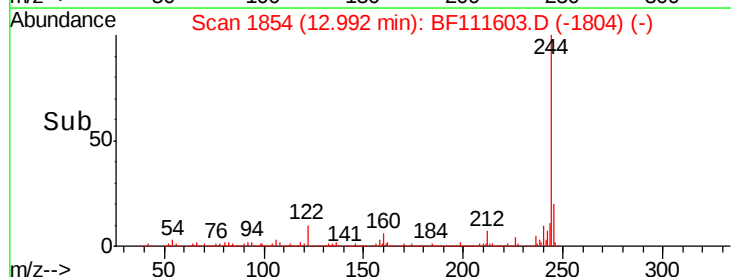
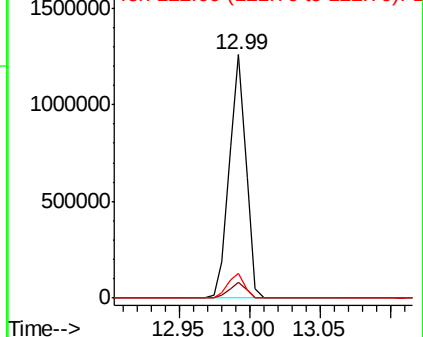


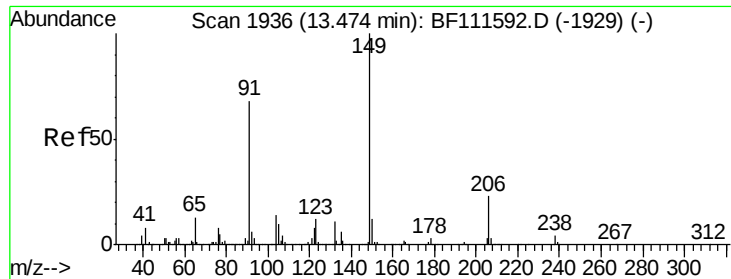
Abundance

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

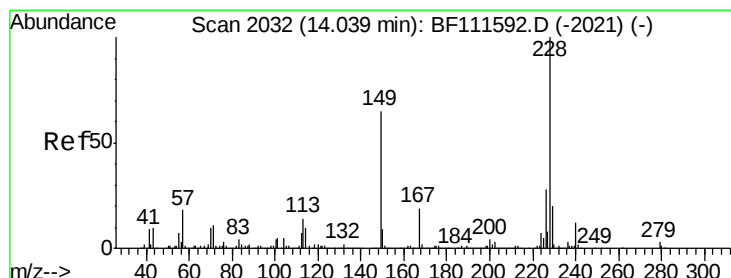
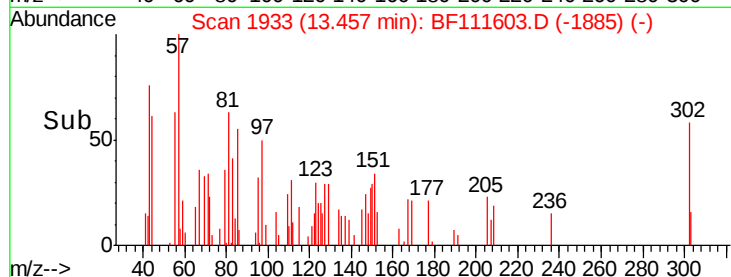
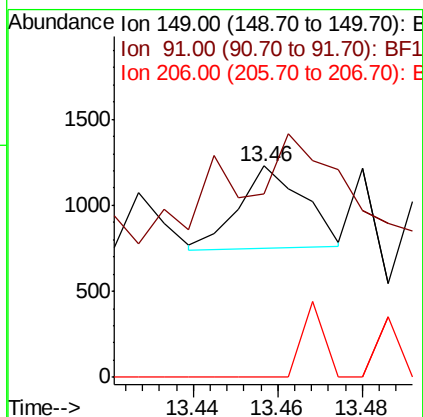
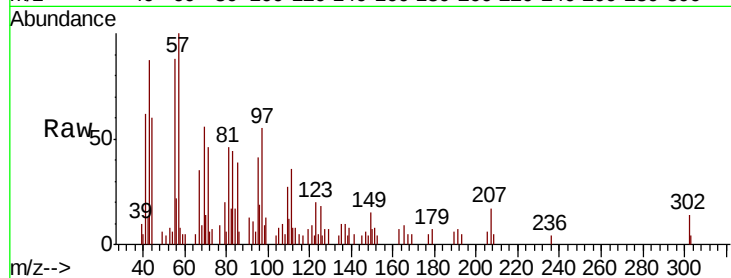




#80
Butylbenzylphthalate
Concen: 0.039 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

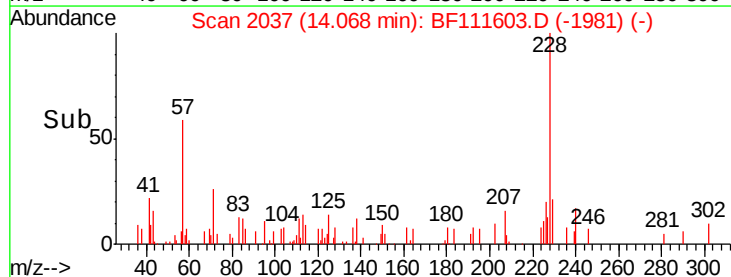
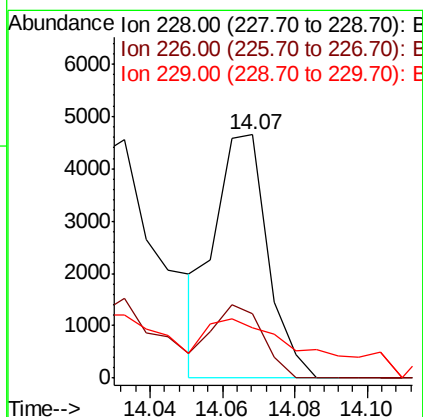
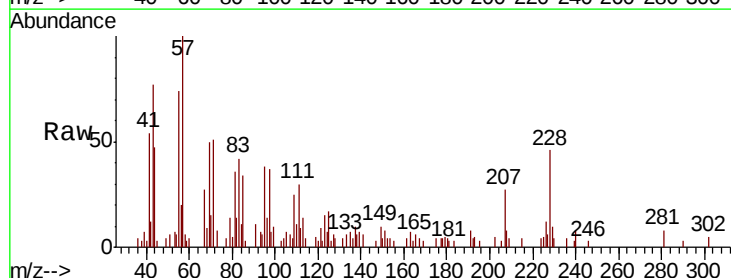
Instrument :
BNA_F
ClientSampleID :
VB16202

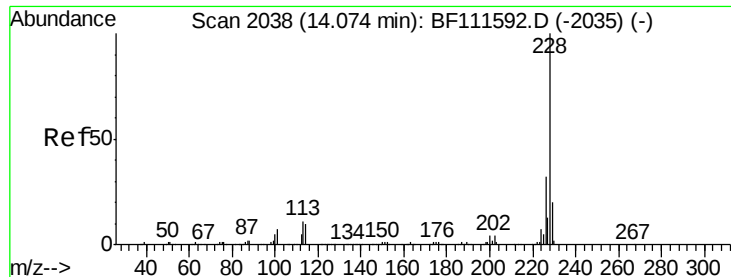
Tgt Ion:149 Resp: 510
Ion Ratio Lower Upper
149 100
91 87.0 63.8 95.6
206 0.0 15.1 22.7#



#81
Benzo(a)anthracene
Concen: 0.183 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:228 Resp: 4720
Ion Ratio Lower Upper
228 100
226 26.5 22.6 34.0
229 20.6 16.3 24.5





#83

Chrysene

Concen: 0.186 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

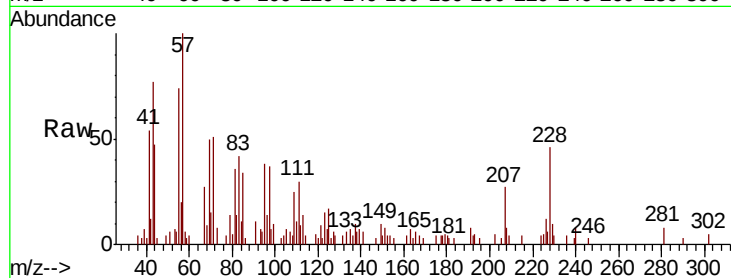
Tgt Ion:228 Resp: 4720

Ion Ratio Lower Upper

228 100

226 26.5 25.3 37.9

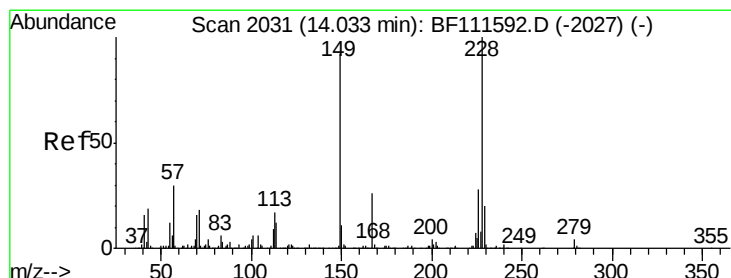
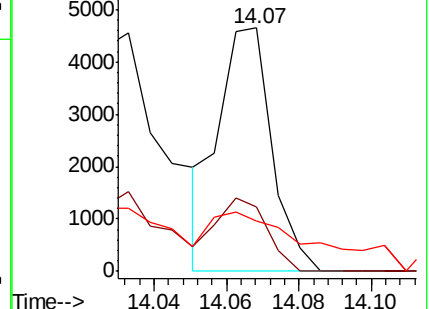
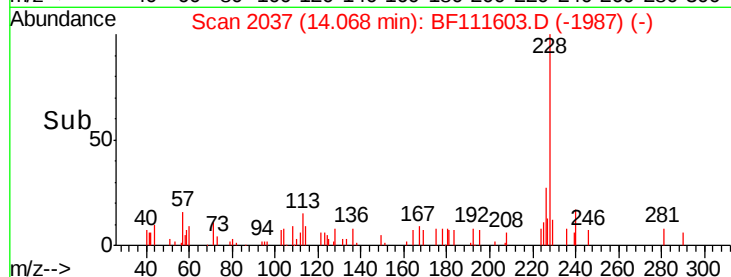
229 20.6 17.2 25.8



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: 0.960 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

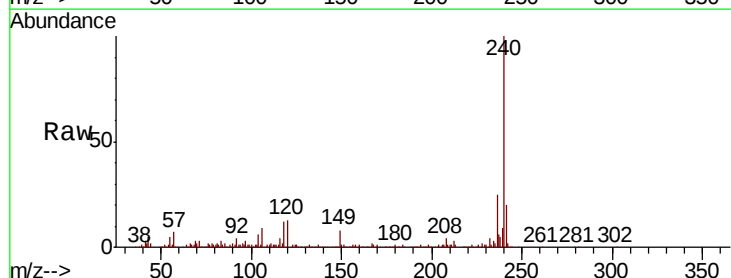
Tgt Ion:149 Resp: 15755

Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

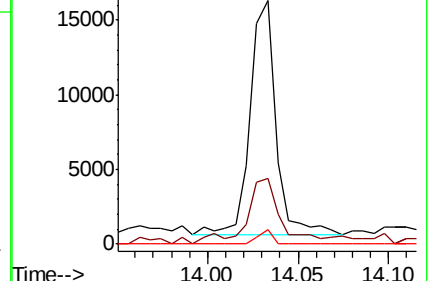
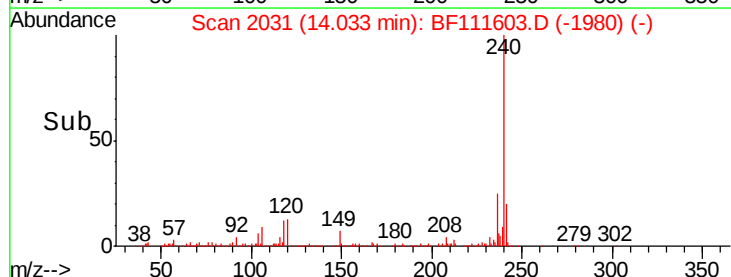
279 6.1 2.6 4.0#

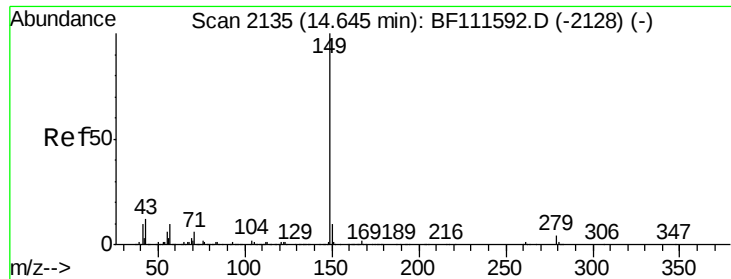


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.038 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

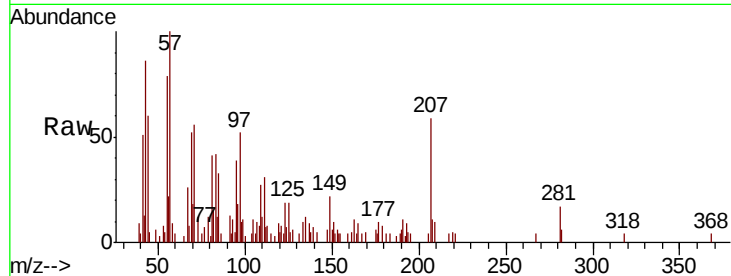
Tgt Ion:149 Resp: 969

Ion Ratio Lower Upper

149 100

167 35.0 1.3 1.9#

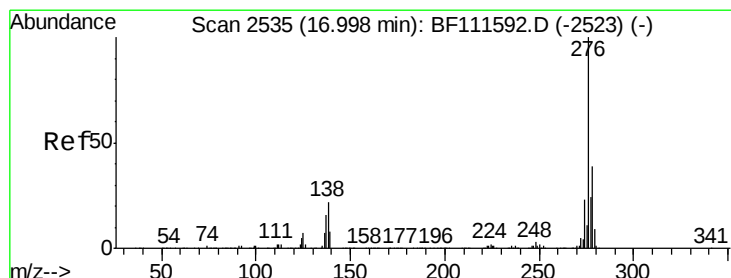
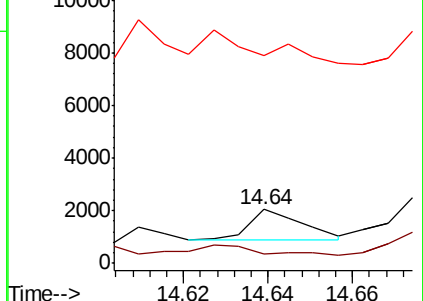
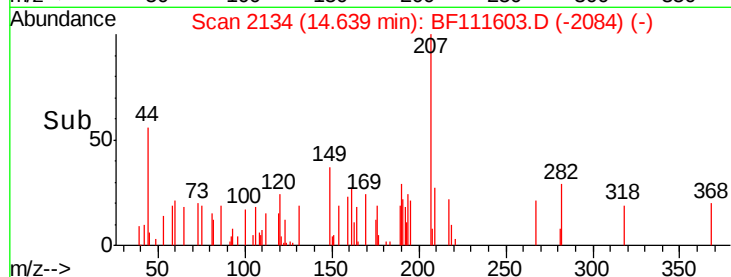
43 0.0 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.120 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

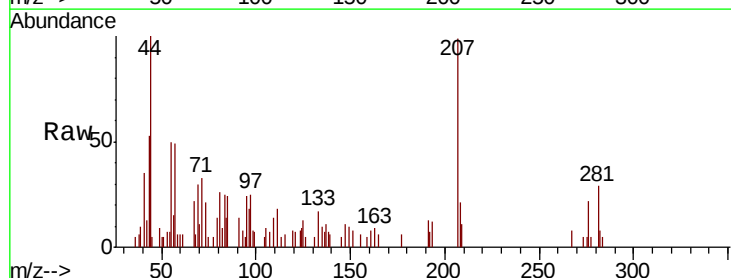
Tgt Ion:276 Resp: 2597

Ion Ratio Lower Upper

276 100

138 22.9 27.8 41.6#

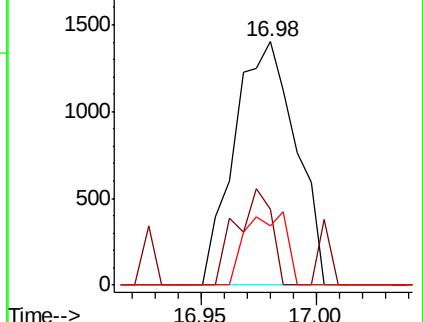
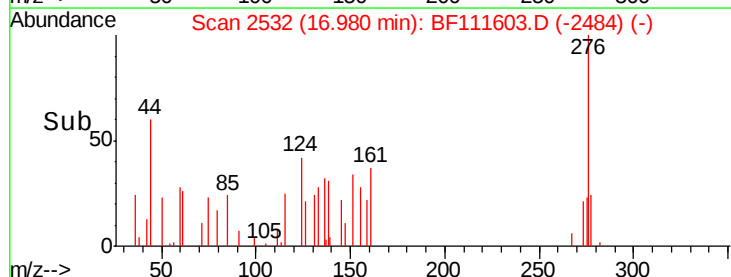
277 19.8 20.1 30.1#

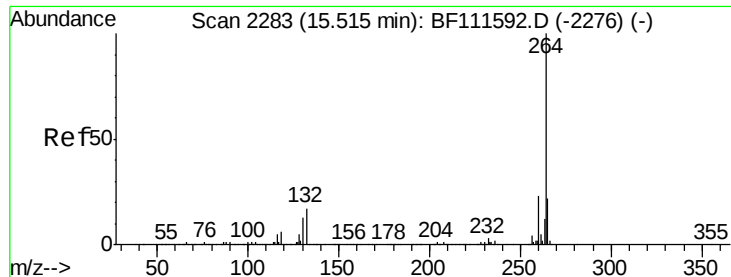


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



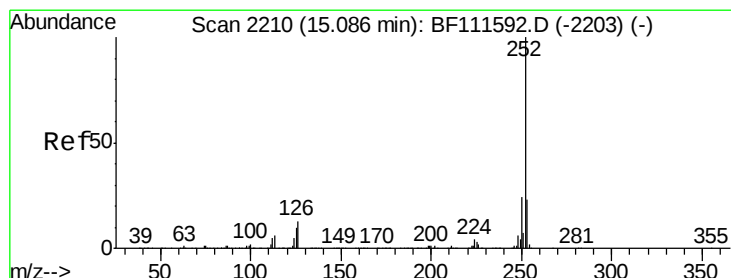
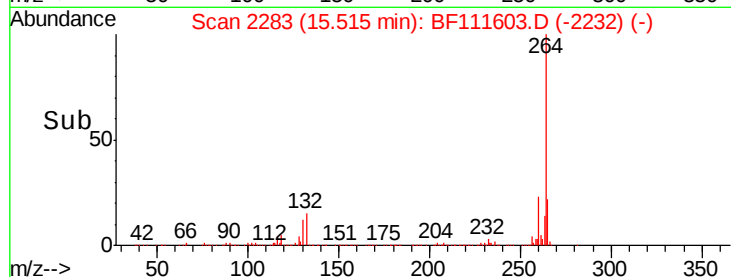
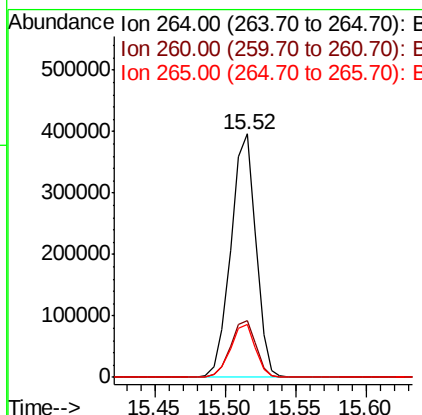
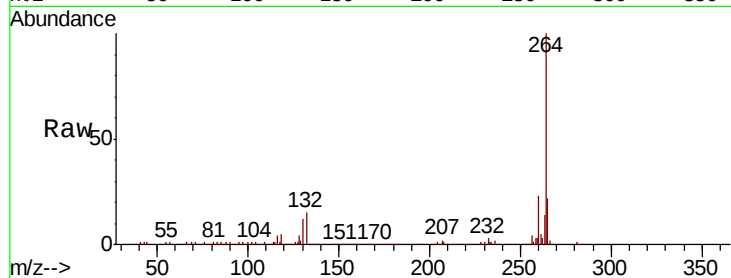


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
VB16202

Tgt Ion: 264 Resp: 489485

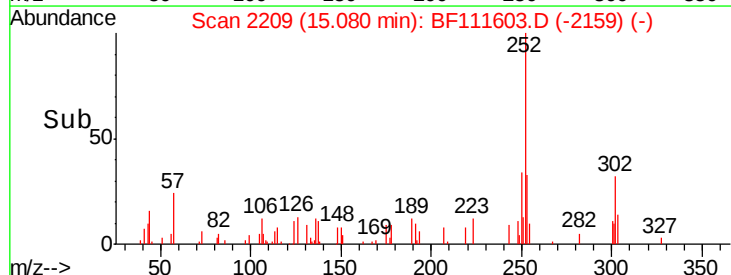
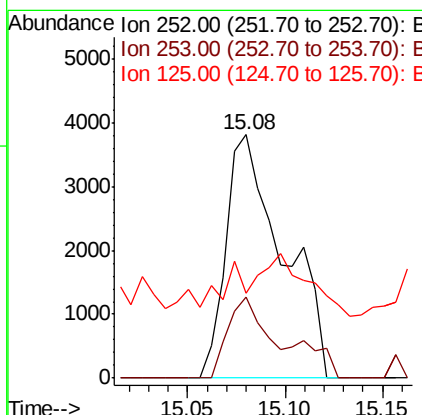
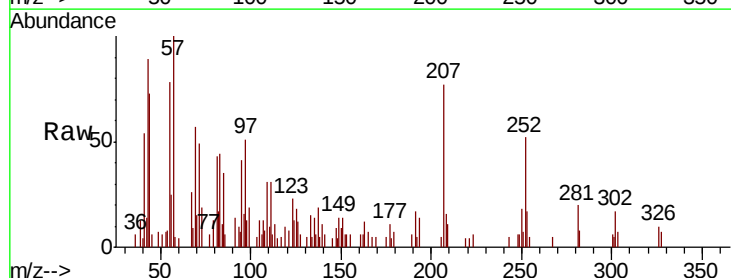
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.7	17.7	26.5

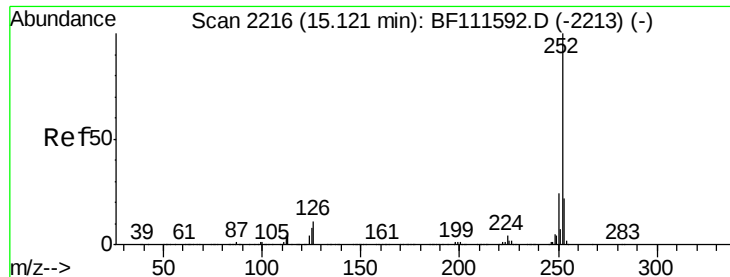


#88
Benzo(b)fluoranthene
Concen: 0.270 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion: 252 Resp: 7720

Ion	Ratio	Lower	Upper
252	100		
253	33.2	18.2	27.2#
125	35.1	10.4	15.6#

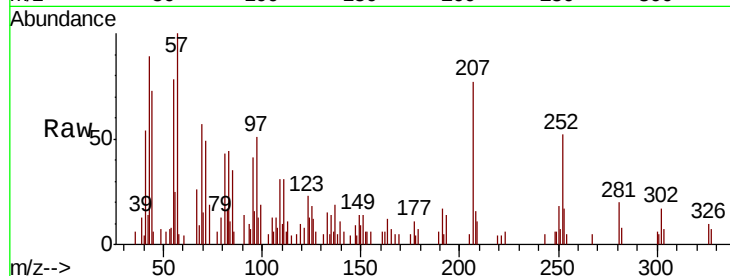




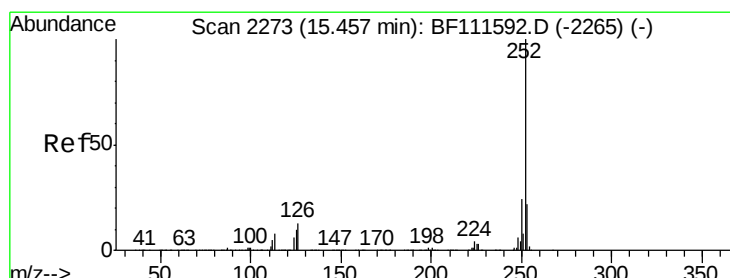
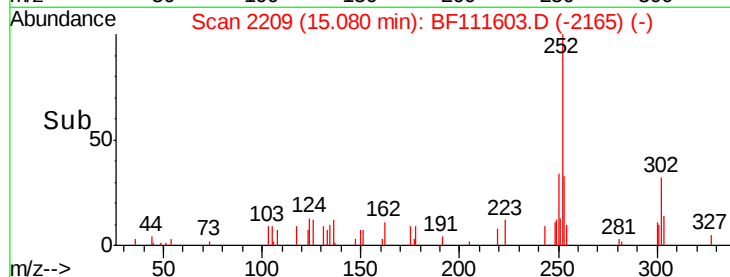
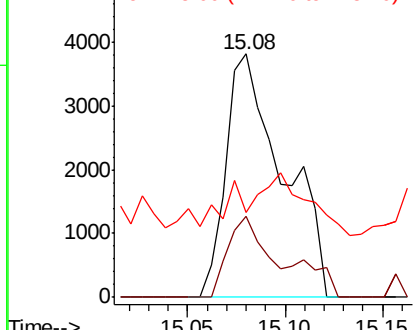
#89
Benzo(k)fluoranthene
Concen: 0.283 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleID :
VB16202

Tgt Ion:252 Resp: 7720
Ion Ratio Lower Upper
252 100
253 33.2 18.1 27.1#
125 35.1 9.8 14.8#

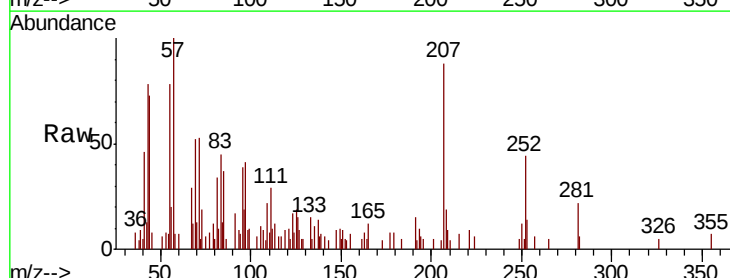


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

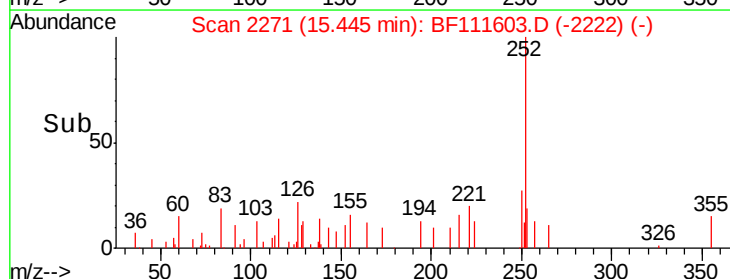
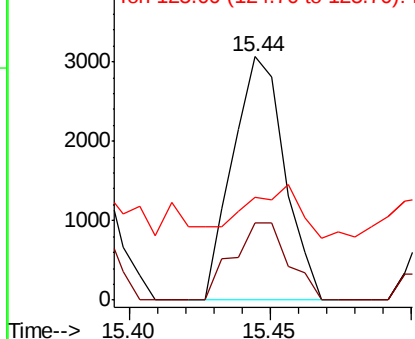


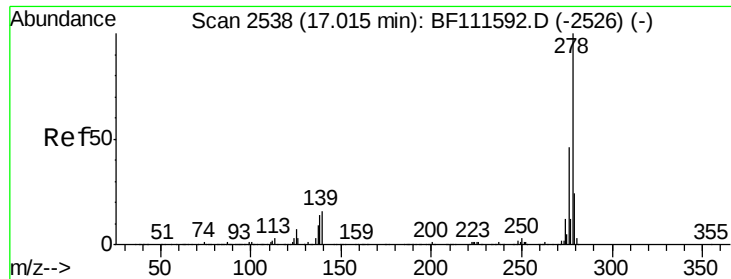
#90
Benzo(a)pyrene
Concen: 0.151 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:252 Resp: 3915
Ion Ratio Lower Upper
252 100
253 31.5 17.8 26.8#
125 42.2 12.3 18.5#



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





#91

Dibenzo(a,h)anthracene

Concen: 0.011 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

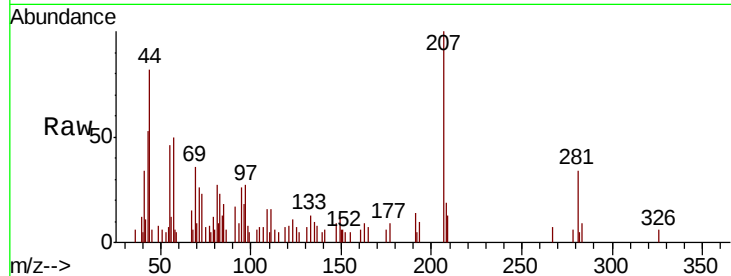
Tgt Ion: 278 Resp: 256

Ion Ratio Lower Upper

278 100

139 81.6 18.2 27.4#

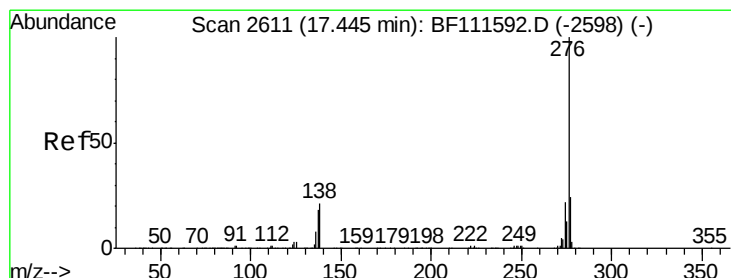
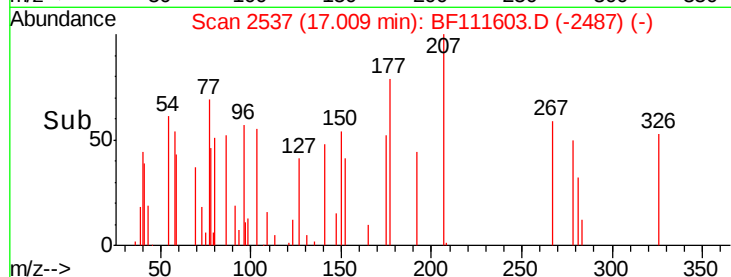
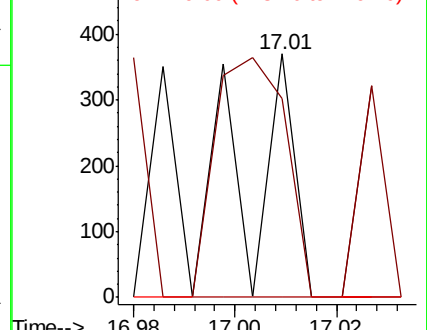
279 0.0 19.0 28.6#



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: 0.111 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

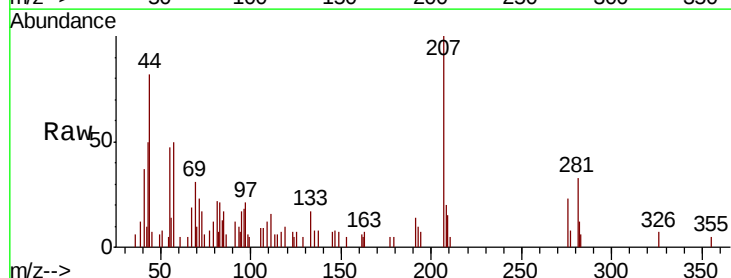
Tgt Ion: 276 Resp: 2475

Ion Ratio Lower Upper

276 100

277 36.7 19.2 28.8#

138 0.0 24.9 37.3#



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

