

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111870.D
 Acq On : 7 Jan 2019 11:22
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 12:24:19 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 12:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179648	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	609024	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	328832	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	557292	20.00	ng	0.00
76) Chrysene-d12	14.06	240	526450	20.00	ng	0.00
87) Perylene-d12	15.53	264	394471	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	569416	54.03	ng	0.00
7) Phenol-d6	6.53	99	739002	55.10	ng	0.00
23) Nitrobenzene-d5	7.45	82	626294	59.86	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	235409	60.59	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1186747	52.60	ng	0.00
79) Terphenyl-d14	13.00	244	1412007	50.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	117302	23.656	ng	99
3) Pyridine	3.44	79	314760	24.365	ng	100
4) n-Nitrosodimethylamine	3.37	42	154438	24.427	ng	99
6) Aniline	6.55	93	458377	26.810	ng	# 64
8) 2-Chlorophenol	6.68	128	333023	28.524	ng	95
9) Benzaldehyde	6.43	77	232686	25.224	ng	97
10) Phenol	6.54	94	405153	26.771	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	320483	28.260	ng	96
12) 1,3-Dichlorobenzene	6.83	146	376701	27.842	ng	99
13) 1,4-Dichlorobenzene	6.91	146	366824	26.733	ng	98
14) 1,2-Dichlorobenzene	7.06	146	369299	28.846	ng	97
15) Benzyl Alcohol	7.03	79	302721	28.418	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	546080	26.145	ng	91
17) 2-Methylphenol	7.15	107	264524	28.296	ng	97
18) Hexachloroethane	7.40	117	117791	25.474	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	218948	24.579	ng	99
20) 3+4-Methylphenols	7.30	107	299553	25.359	ng	# 89
22) Acetophenone	7.29	105	429780	27.855	ng	99
24) Nitrobenzene	7.47	77	319131	29.102	ng	99
25) Isophorone	7.70	82	495266	26.663	ng	100
26) 2-Nitrophenol	7.79	139	155984	35.072	ng	98
27) 2,4-Dimethylphenol	7.83	122	226223	25.803	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	332895	26.932	ng	98
29) 2,4-Dichlorophenol	8.03	162	254659	27.005	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	277318	26.390	ng	99
31) Naphthalene	8.20	128	748206	25.569	ng	99
32) Benzoic acid	7.93	122	148559	25.628	ng	95
33) 4-Chloroaniline	8.24	127	325332	25.722	ng	96
34) Hexachlorobutadiene	8.32	225	167371	26.133	ng	97
35) Caprolactam	8.60	113	71975	22.525	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	203482	21.952	ng	97
37) 2-Methylnaphthalene	8.89	142	405768	21.313	ng	99
38) 1-Methylnaphthalene	8.99	142	399026	21.823	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	228972	21.191	ng	99

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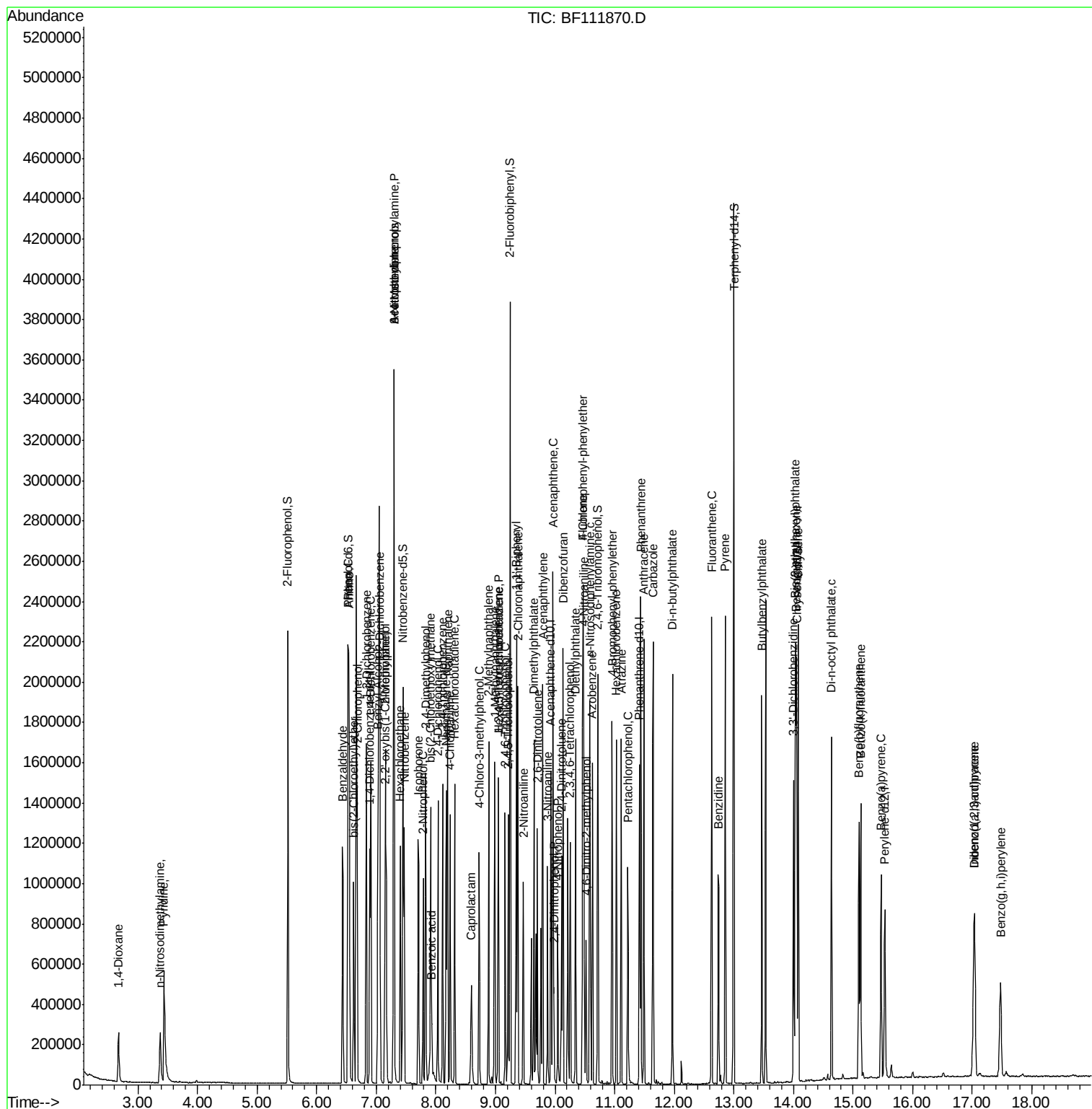
Instrument :
 BNA_F
 ClientSampleId :

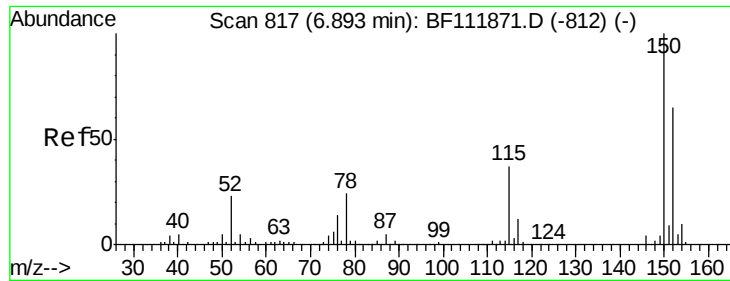
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	129074	24.616	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	183196	25.394	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	192576	26.020	ng	98
46) 1,1'-Biphenyl	9.35	154	696699	25.099	ng	99
47) 2-Chloronaphthalene	9.37	162	536006	24.372	ng	99
48) 2-Nitroaniline	9.47	65	165784	28.976	ng	91
49) Acenaphthylene	9.79	152	834030	25.974	ng	99
50) Dimethylphthalate	9.65	163	624581	25.974	ng	98
51) 2,6-Dinitrotoluene	9.70	165	145244	30.292	ng	95
52) Acenaphthene	9.96	154	534613	26.994	ng	99
53) 3-Nitroaniline	9.87	138	153356	29.989	ng	99
54) 2,4-Dinitrophenol	9.98	184	56462	43.637	ng	90
55) Dibenzofuran	10.13	168	767194	25.641	ng	98
56) 4-Nitrophenol	10.05	139	107714	27.601	ng	98
57) 2,4-Dinitrotoluene	10.11	165	183275	31.803	ng	99
58) Fluorene	10.47	166	524967	24.349	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	161994	26.009	ng	99
60) Diethylphthalate	10.35	149	604590	25.631	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	304357	25.551	ng	97
62) 4-Nitroaniline	10.49	138	134479	27.057	ng	96
63) Azobenzene	10.63	77	517835	21.867	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	93295	44.814	ng	98
66) n-Nitrosodiphenylamine	10.59	169	489210	26.151	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	211475	30.594	ng	97
68) Hexachlorobenzene	11.03	284	231524	30.041	ng	# 93
69) Atrazine	11.11	200	191043	29.396	ng	100
70) Pentachlorophenol	11.22	266	124174	26.062	ng	98
71) Phenanthrene	11.44	178	827005	27.982	ng	99
72) Anthracene	11.49	178	859527	28.974	ng	98
73) Carbazole	11.65	167	841836	29.229	ng	98
74) Di-n-butylphthalate	11.97	149	970649	30.058	ng	99
75) Fluoranthene	12.63	202	887133	29.641	ng	99
77) Benzidine	12.74	184	404136	20.401	ng	98
78) Pyrene	12.86	202	918103	24.696	ng	99
80) Butylbenzylphthalate	13.47	149	390268	25.753	ng	98
81) Benzo(a)anthracene	14.04	228	773036	25.730	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	307638	25.916	ng	98
83) Chrysene	14.08	228	746732	25.288	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	518315	27.153	ng	99
85) Di-n-octyl phthalate	14.64	149	749056	25.328	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	500119	19.923	ng	99
88) Benzo(b)fluoranthene	15.10	252	639089	27.721	ng	100
89) Benzo(k)fluoranthene	15.13	252	554011	25.241	ng	100
90) Benzo(a)pyrene	15.47	252	534505	25.519	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	417780	22.778	ng	99
92) Benzo(g,h,i)perylene	17.47	276	410214	22.905	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

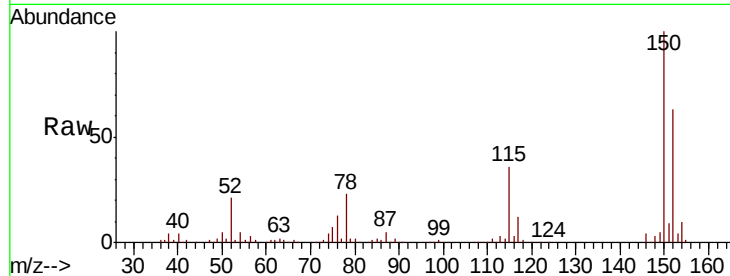
Tot Ion:152 Resp: 179648

Ion Ratio Lower Upper

152 100

150 158.2 122.7 184.1

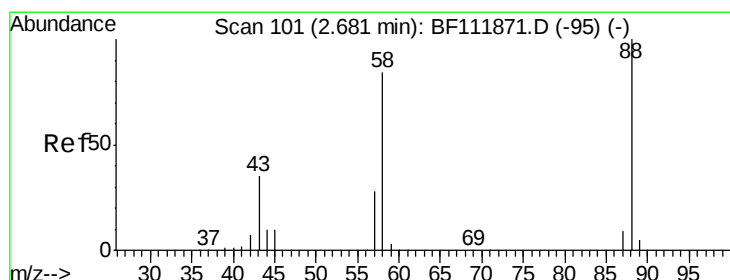
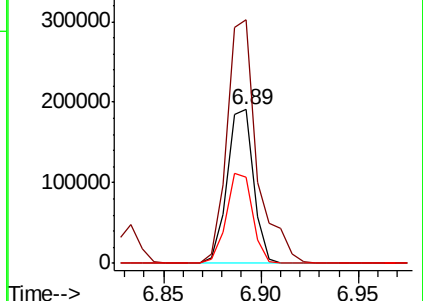
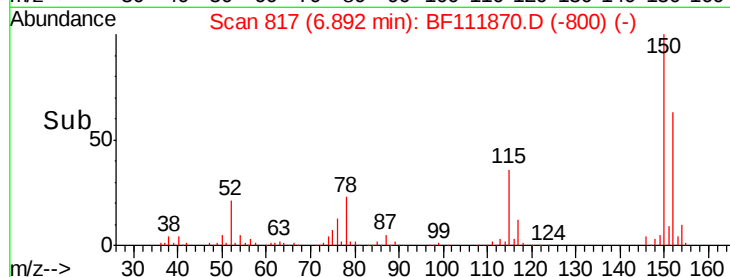
115 56.2 45.2 67.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.656 ng

RT: 2.68 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

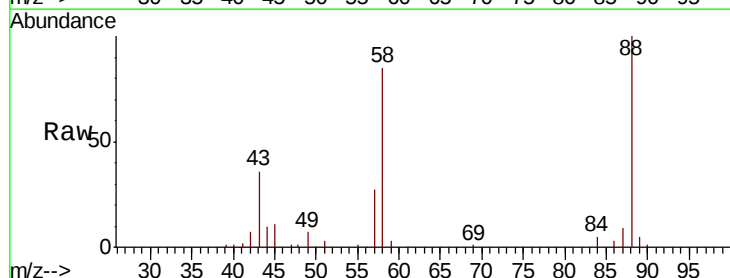
Tgt Ion: 88 Resp: 117302

Ion Ratio Lower Upper

88 100

58 84.0 67.6 101.4

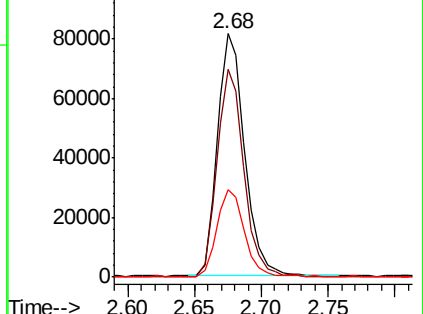
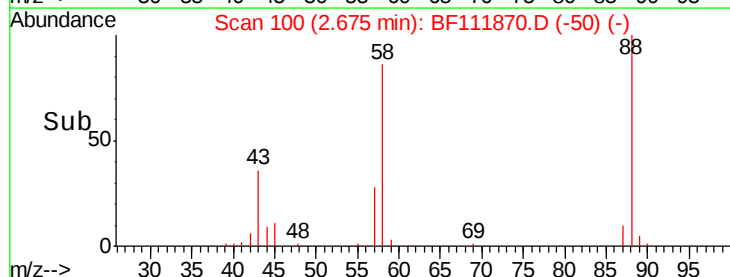
43 37.0 29.0 43.6

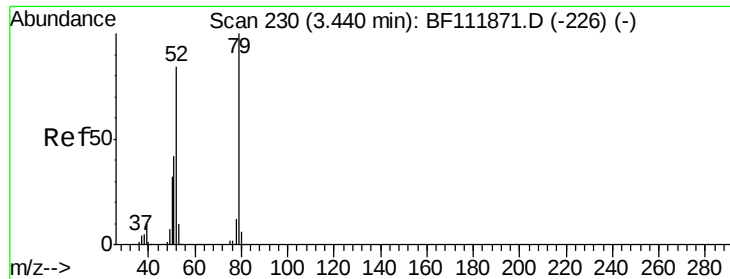


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

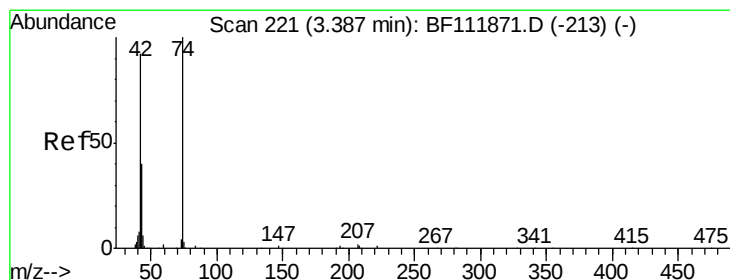
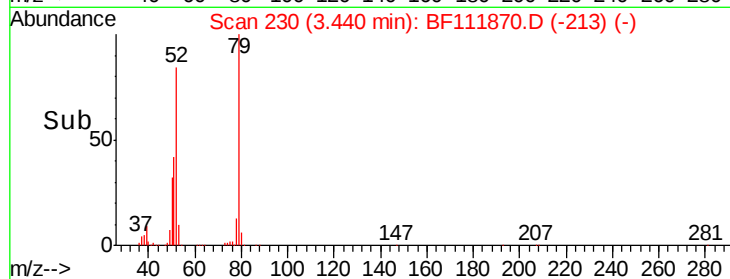
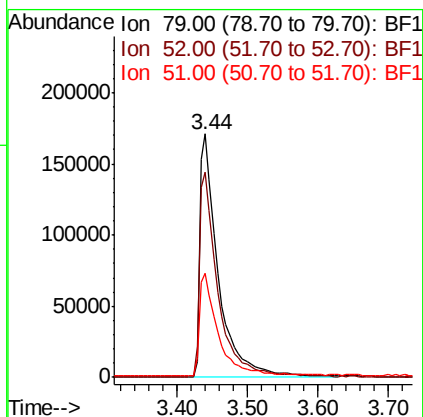
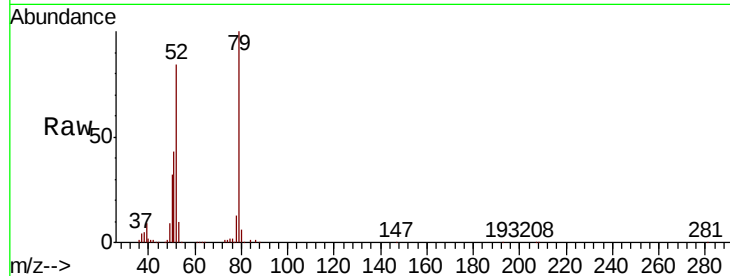




#3
 Pvridine
 Concen: 24.365 ng
 RT: 3.44 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

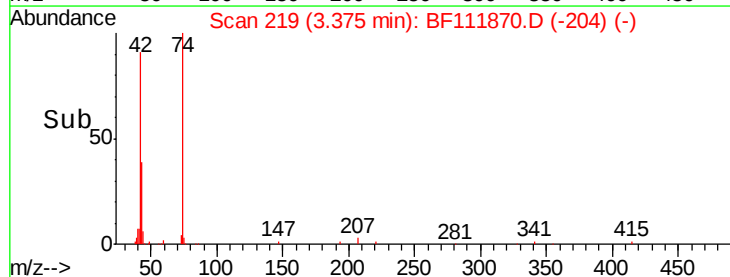
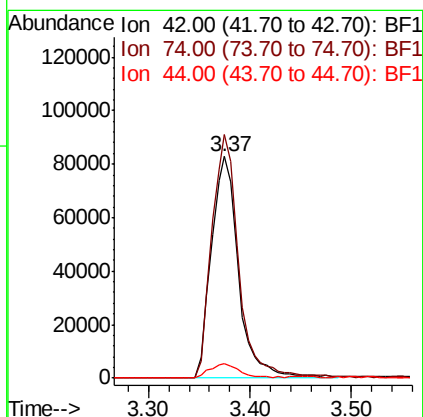
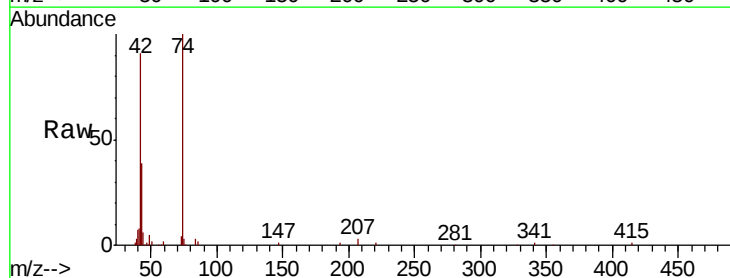
Instrument :
 BNA_F
 ClientSampled :

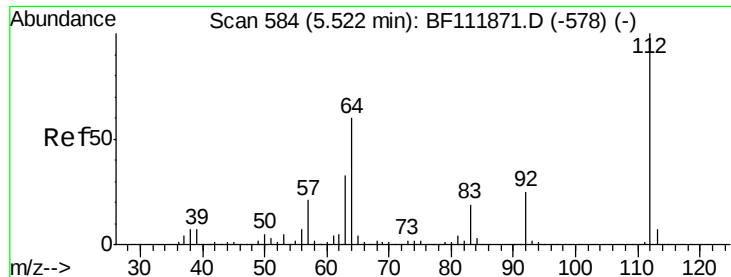
Tot Ion: 79 Resp: 314760
 Ion Ratio Lower Upper
 79 100
 52 84.0 67.0 100.6
 51 42.8 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 24.427 ng
 RT: 3.37 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion: 42 Resp: 154438
 Ion Ratio Lower Upper
 42 100
 74 109.9 87.0 130.6
 44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 54.027 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

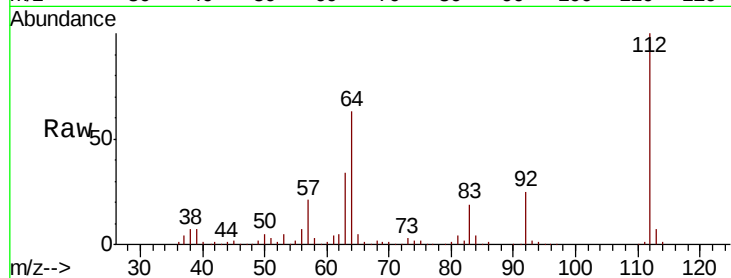
Tot Ion:112 Resp: 569416

Ion Ratio Lower Upper

112 100

64 62.6 48.3 72.5

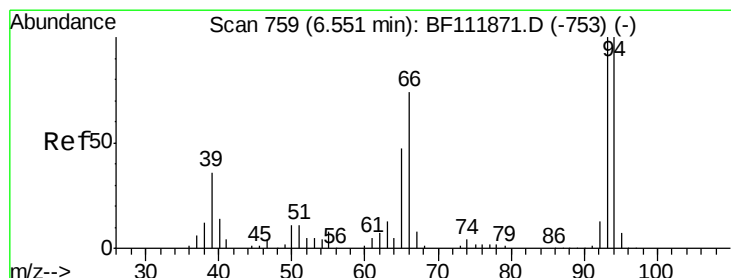
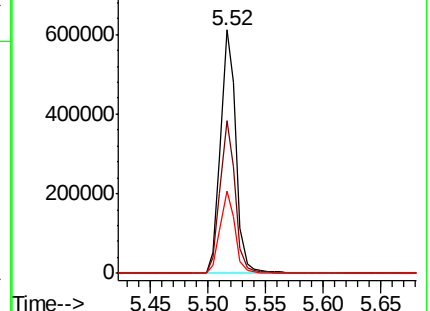
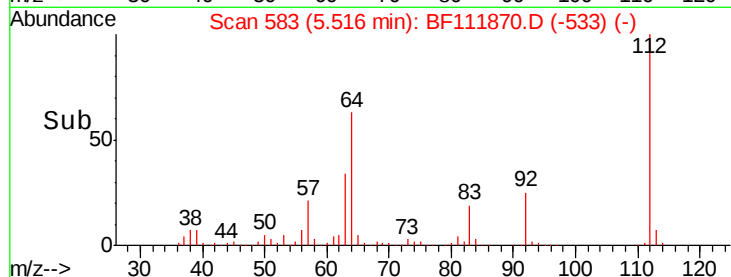
63 33.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.810 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

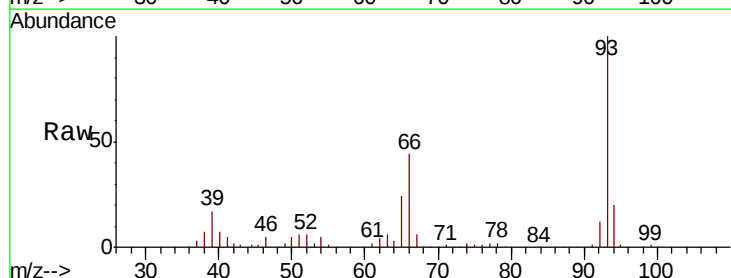
Tgt Ion: 93 Resp: 458377

Ion Ratio Lower Upper

93 100

66 43.9 60.0 90.0#

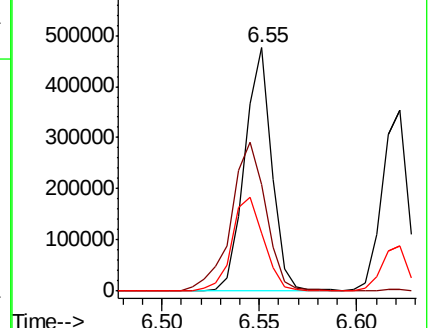
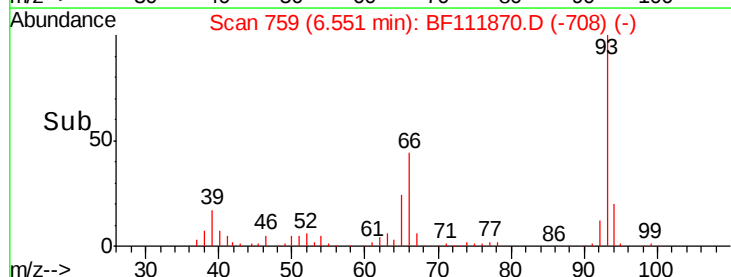
65 24.0 37.5 56.3#

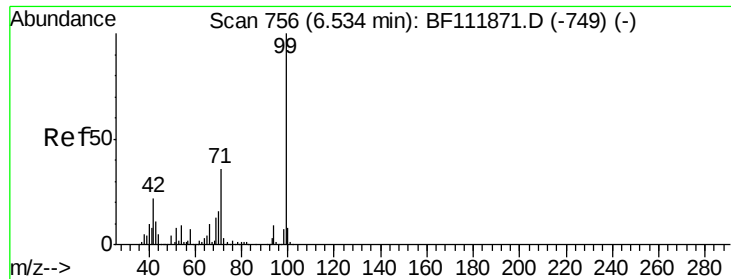


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 55.096 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

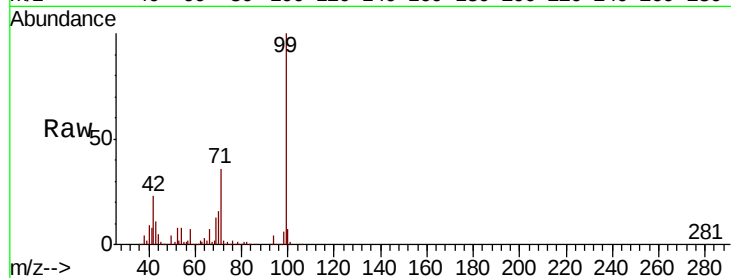
Tot Ion: 99 Resp: 739002

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

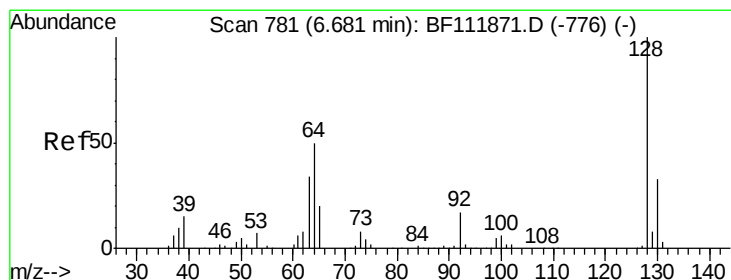
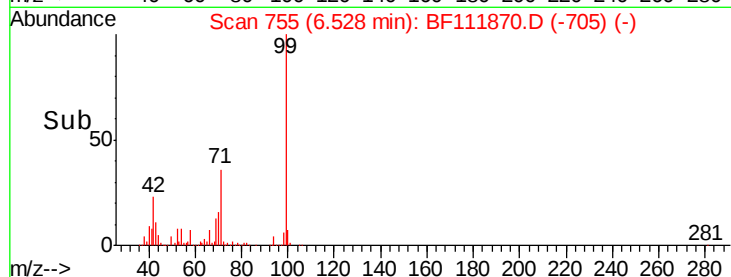
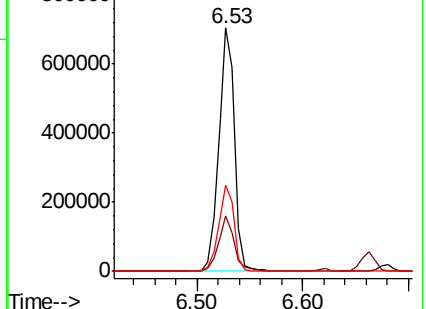
71 35.5 28.7 43.1



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



#8

2-Chlorophenol

Concen: 28.524 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

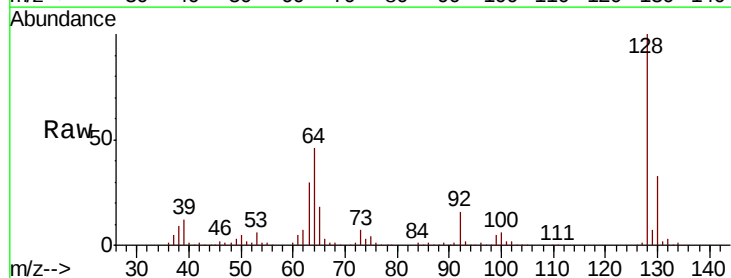
Tgt Ion:128 Resp: 333023

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

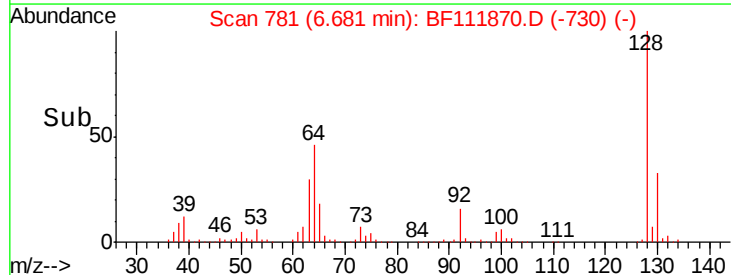
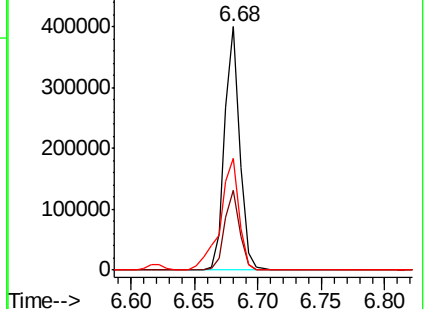
64 46.0 31.8 71.8

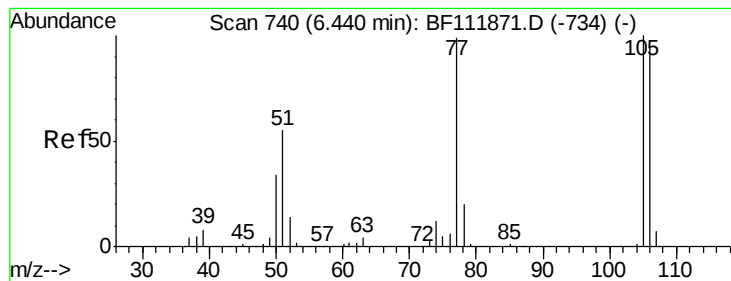


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.224 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

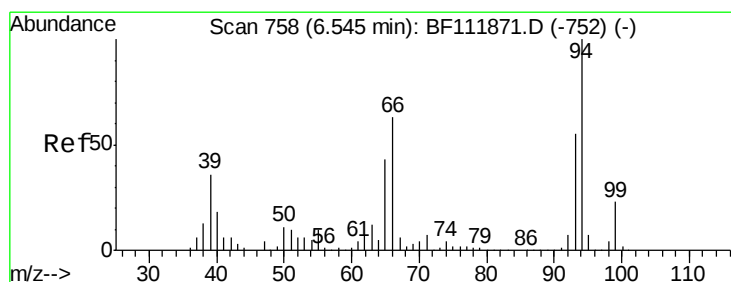
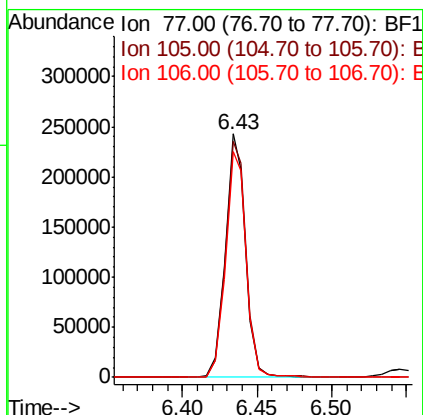
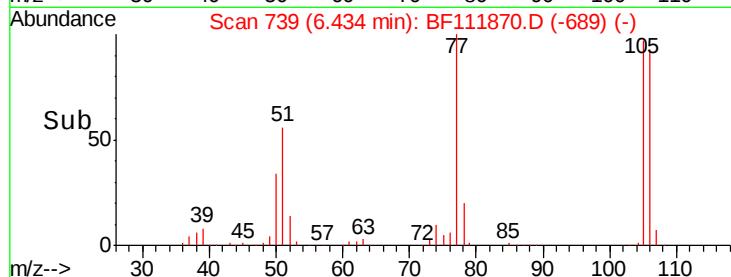
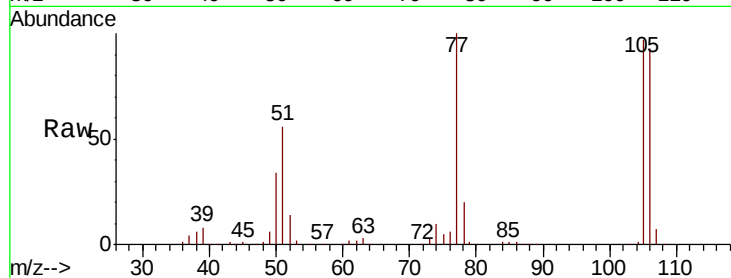
Tot Ion: 77 Resp: 232686

Ion Ratio Lower Upper

77 100

105 96.7 80.6 120.6

106 92.6 74.6 114.6



#10

Phenol

Concen: 26.771 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

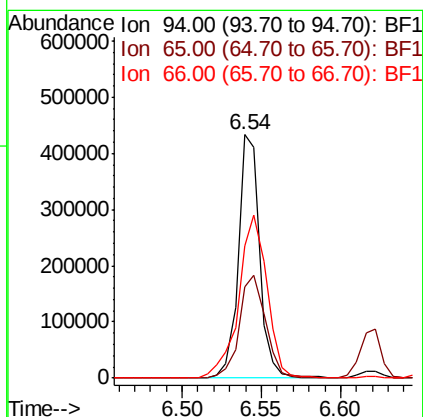
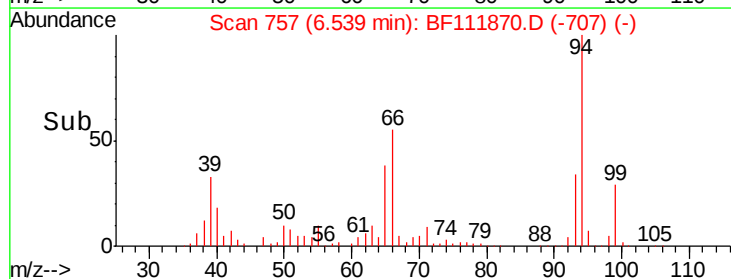
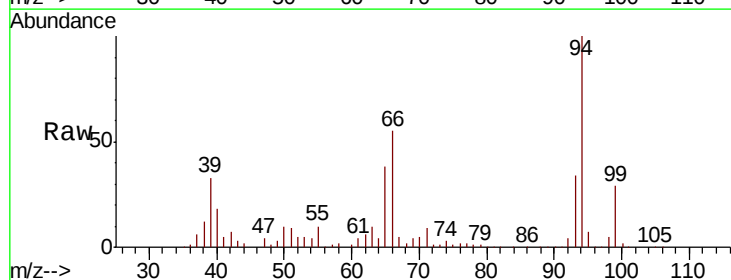
Tgt Ion: 94 Resp: 405153

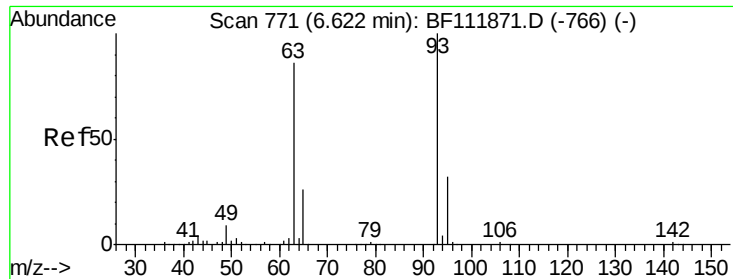
Ion Ratio Lower Upper

94 100

65 37.7 22.8 62.8

66 54.6 43.3 83.3

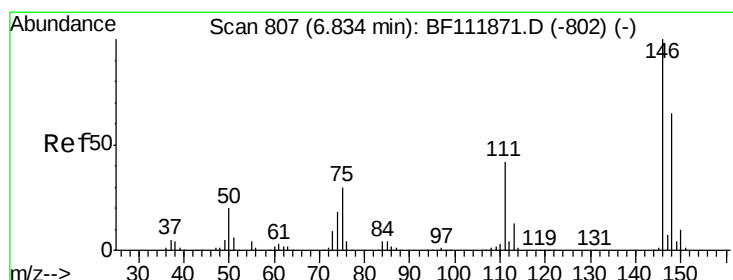
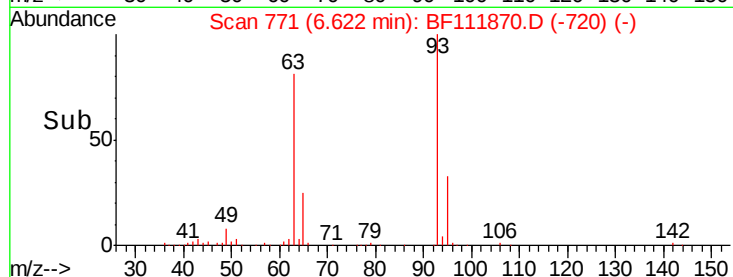
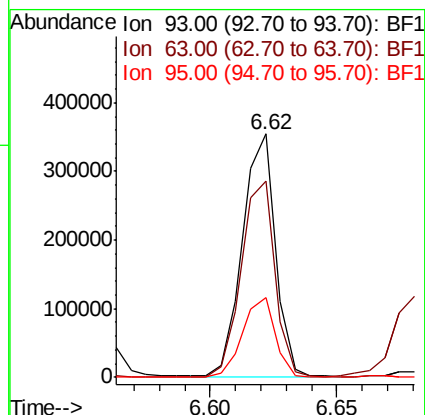
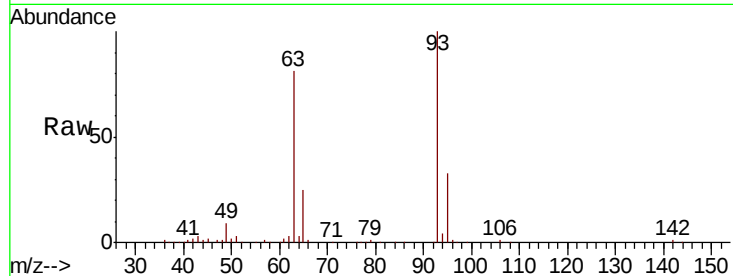




#11
bis(2-Chloroethyl)ether
Concen: 28.260 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

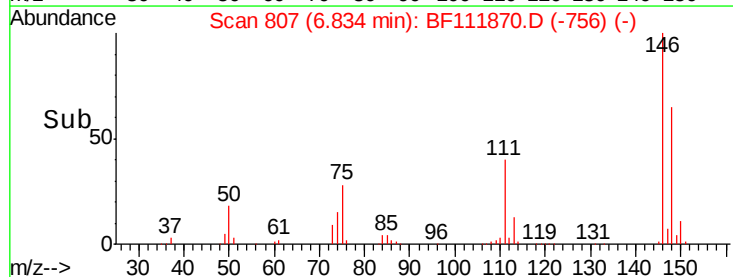
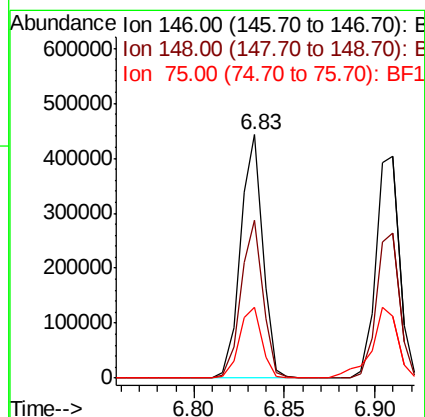
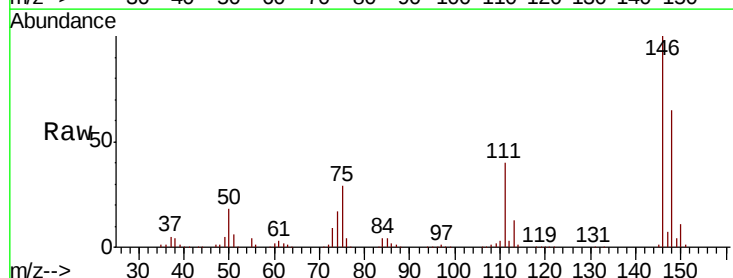
Instrument :
BNA_F
ClientSampleId :

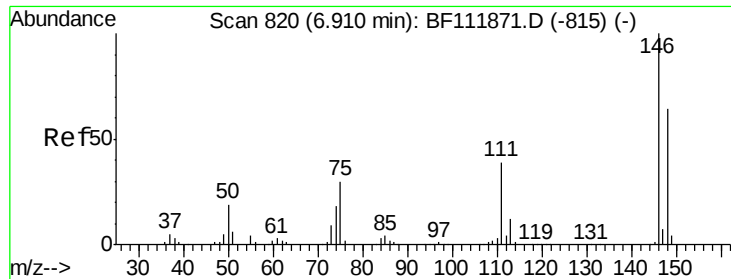
Tot Ion: 93 Resp: 320483
Ion Ratio Lower Upper
93 100
63 80.6 65.2 105.2
95 32.6 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 27.842 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion: 146 Resp: 376701
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 28.9 24.3 36.5

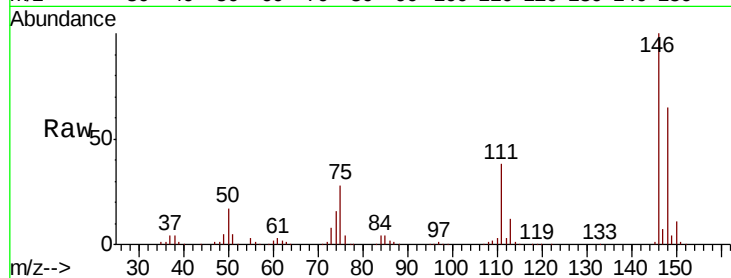




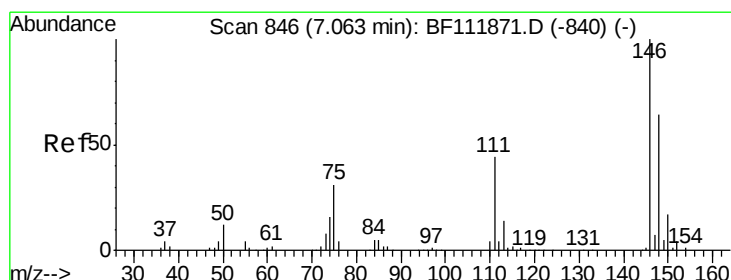
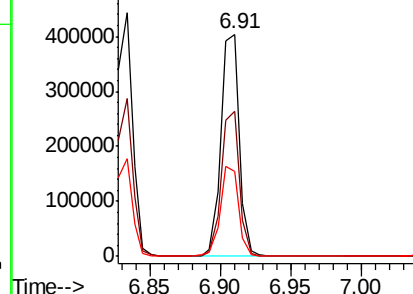
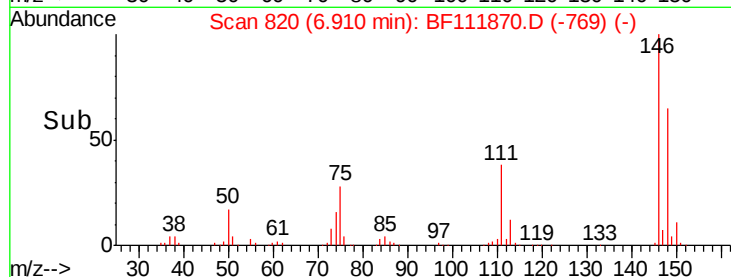
#13
 1,4-Dichlorobenzene
 Concen: 26.733 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 366824
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.2 76.8
 111 38.0 31.5 47.3

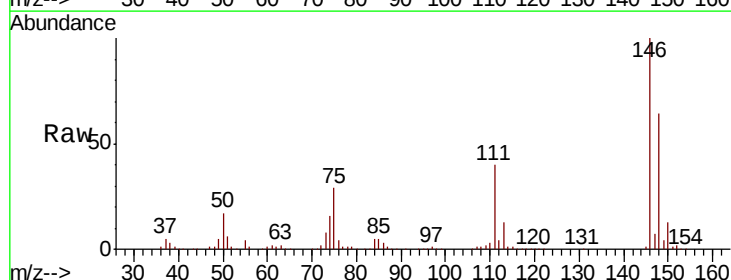


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

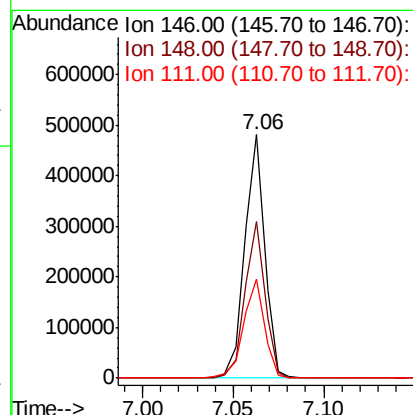
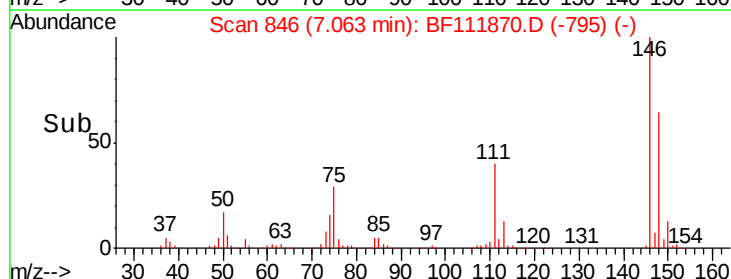


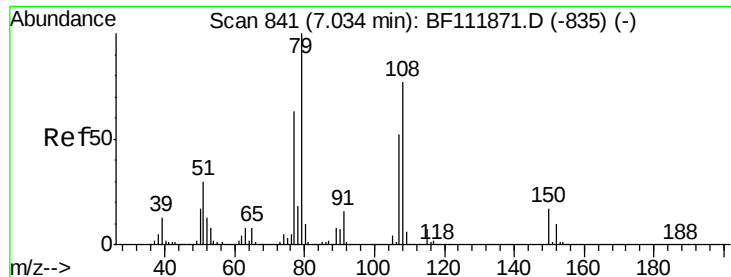
#14
 1,2-Dichlorobenzene
 Concen: 28.846 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion:146 Resp: 369299
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.5 77.3
 111 40.5 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.418 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

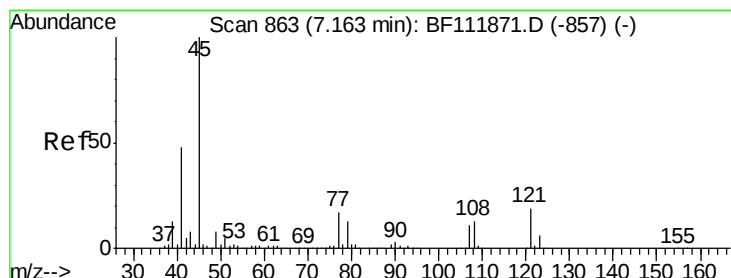
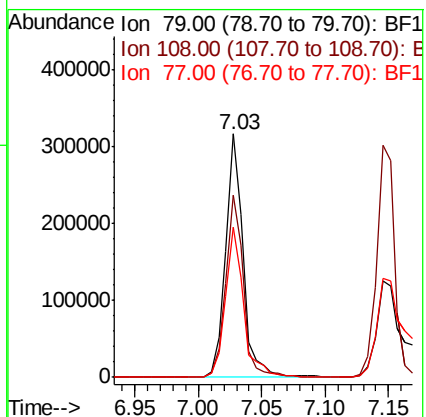
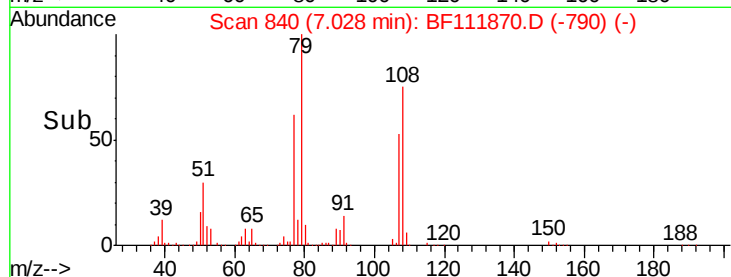
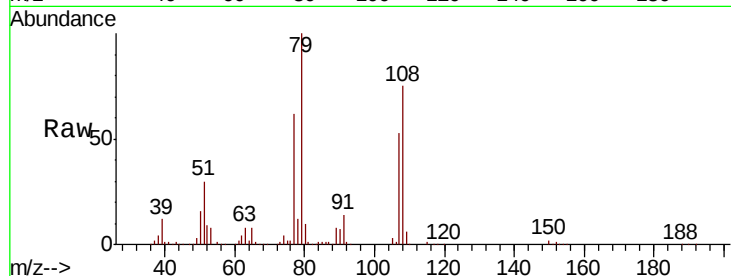
Tot Ion: 79 Resp: 302721

Ion Ratio Lower Upper

79 100

108 74.6 61.4 92.0

77 61.7 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.145 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

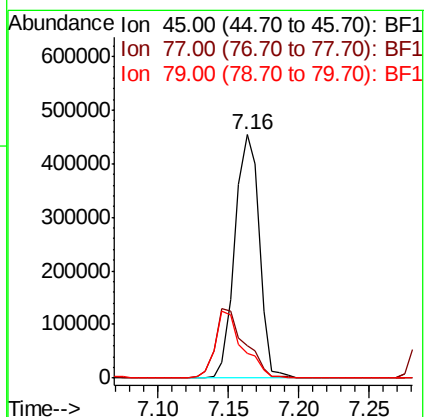
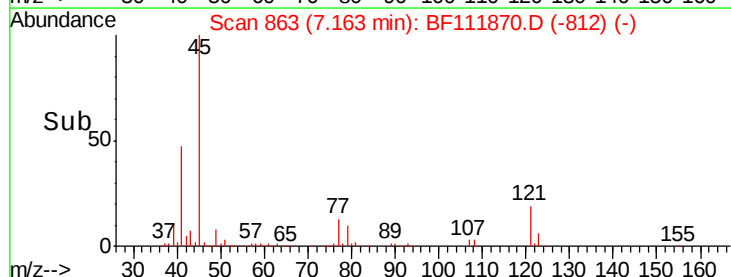
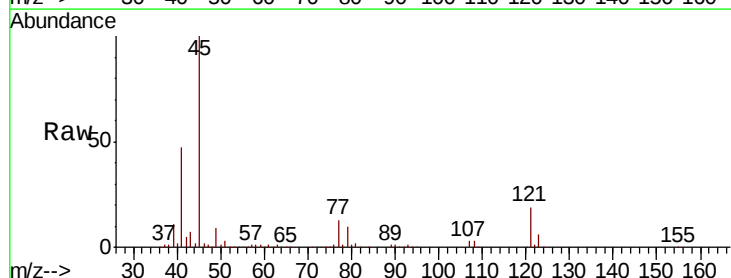
Tgt Ion: 45 Resp: 546080

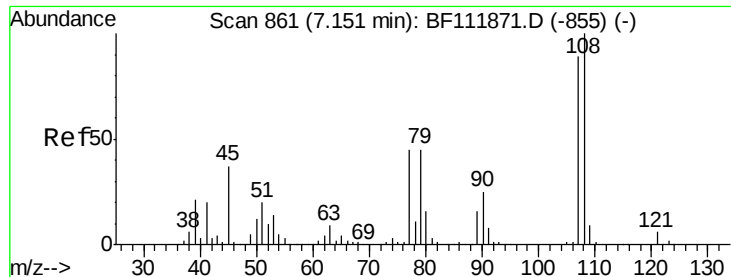
Ion Ratio Lower Upper

45 100

77 13.2 0.0 37.1

79 10.0 0.0 33.9

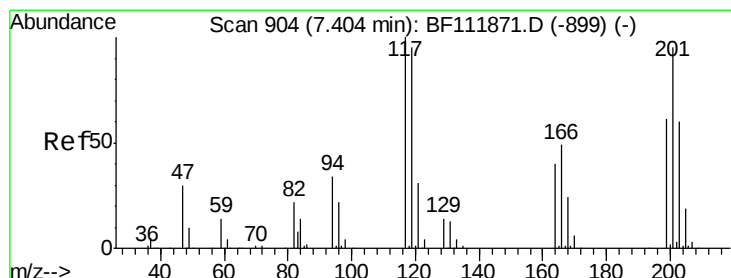
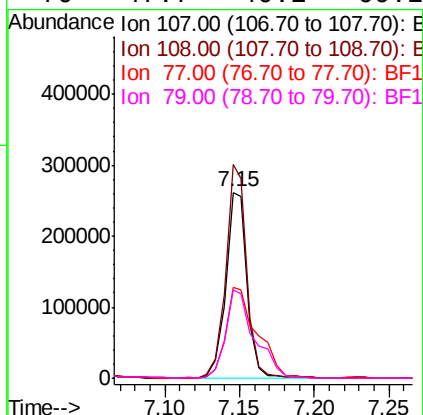
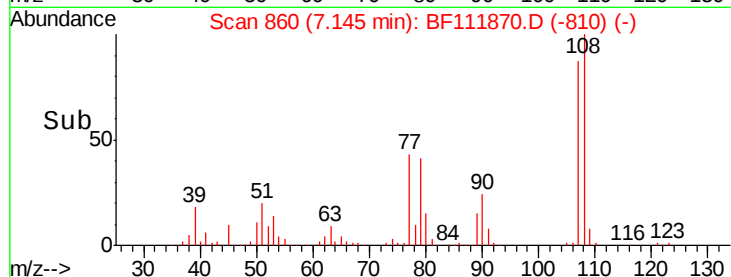
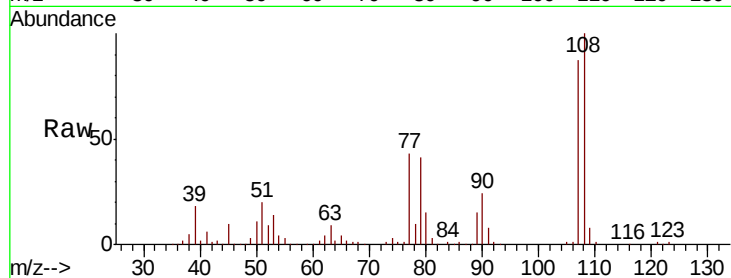




#17
2-Methylphenol
Concen: 28.296 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

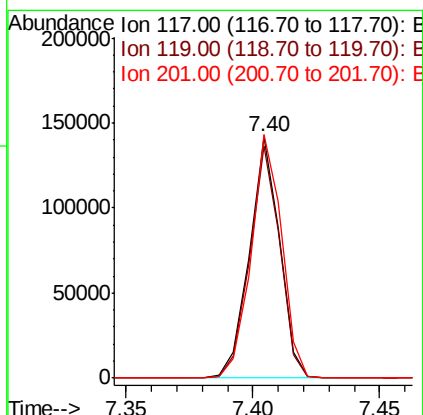
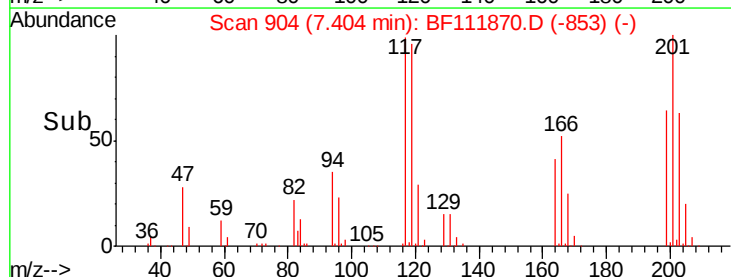
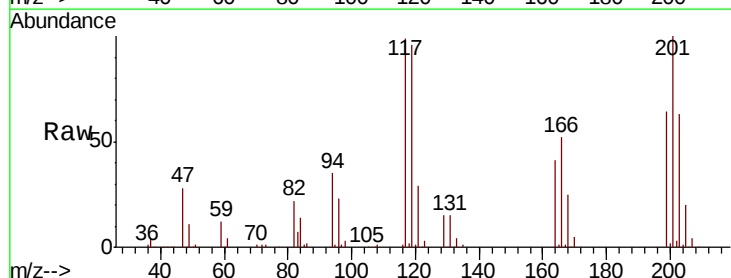
Instrument :
BNA_F
ClientSampleId :

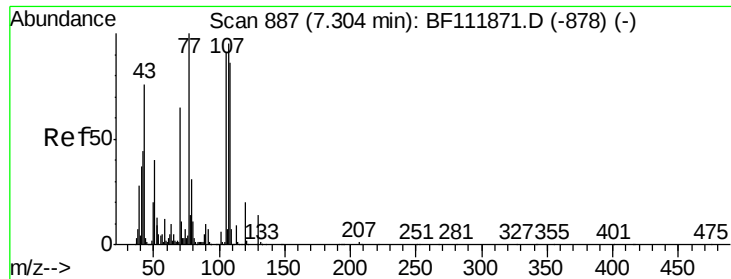
Tot Ion:107 Resp: 264524
Ion Ratio Lower Upper
107 100
108 115.0 89.7 134.5
77 49.2 40.6 60.8
79 47.7 40.2 60.2



#18
Hexachloroethane
Concen: 25.474 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:117 Resp: 117791
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.2
201 100.8 75.7 113.5

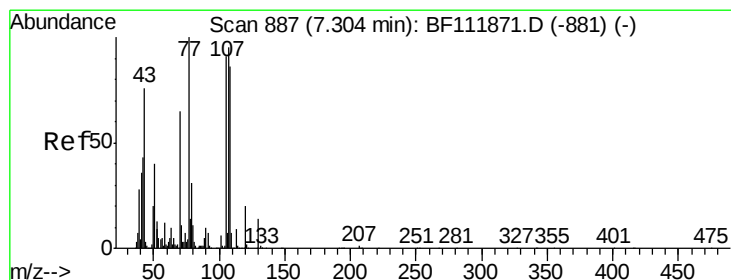
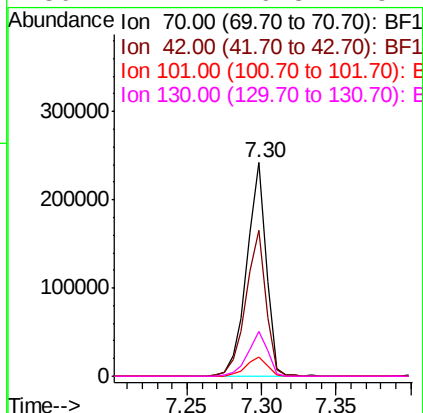
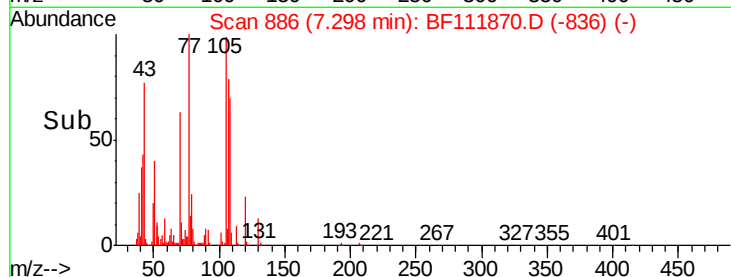
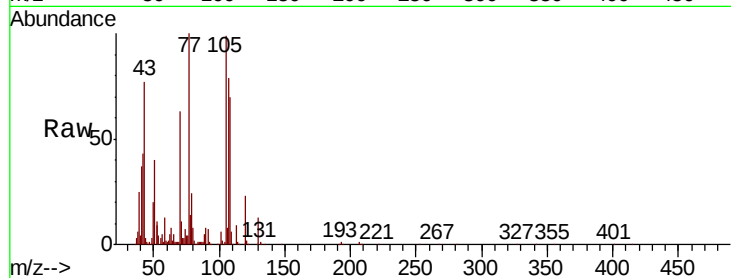




#19
n-Nitroso-di-n-propylamine
Concen: 24.579 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

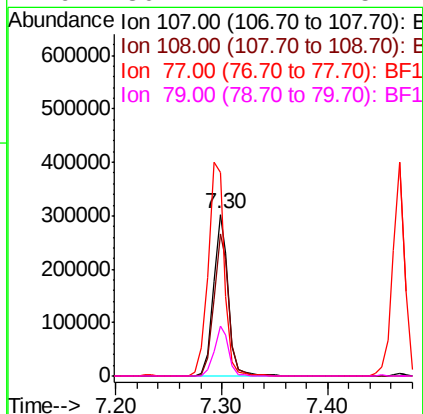
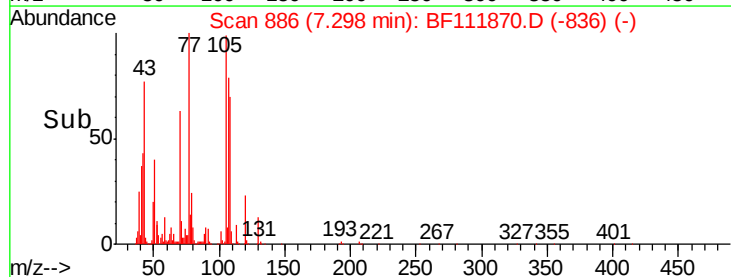
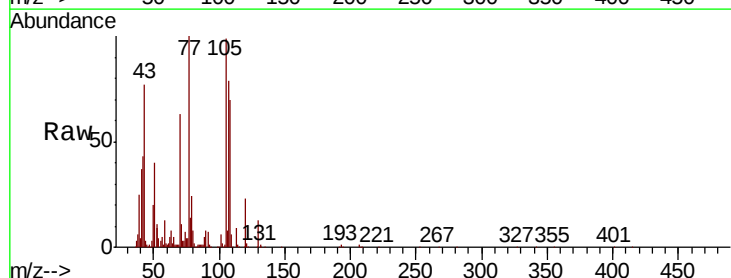
Instrument :
BNA_F
ClientSampleId :

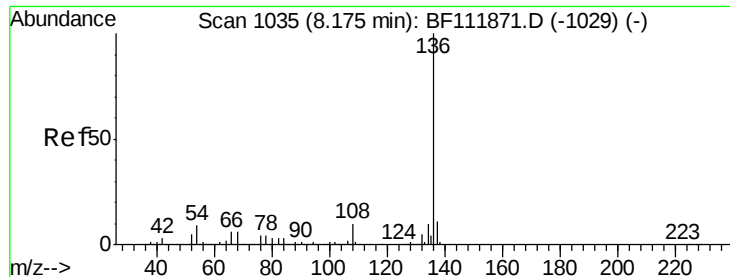
Tot Ion: 70 Resp: 218948
Ion Ratio Lower Upper
70 100
42 68.5 53.6 80.4
101 9.2 7.3 10.9
130 21.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 25.359 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:107 Resp: 299553
Ion Ratio Lower Upper
107 100
108 88.0 71.1 111.1
77 126.1 85.4 125.4#
79 30.7 12.4 52.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 609024

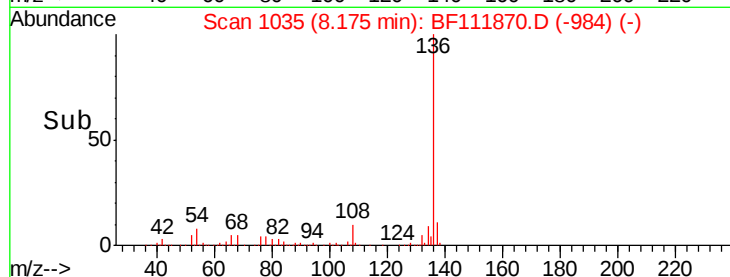
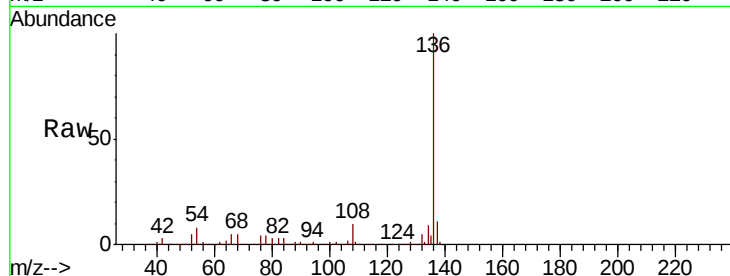
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.4 7.2 10.8

68 4.7 4.4 6.6

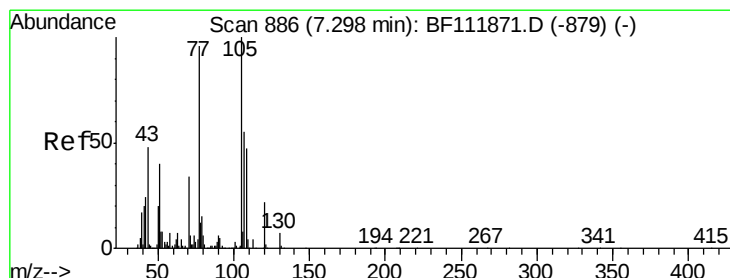
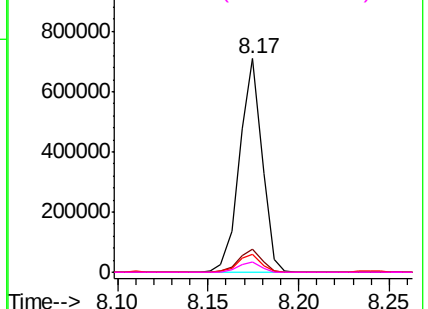


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 27.855 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Tgt Ion:105 Resp: 429780

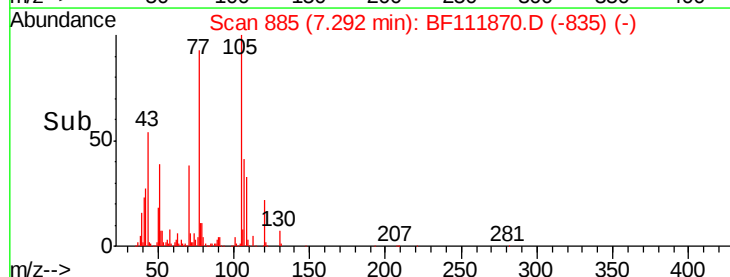
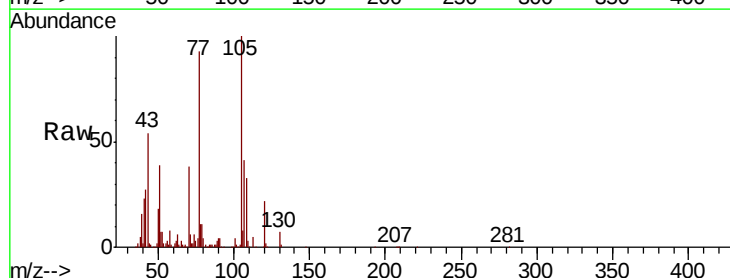
Ion Ratio Lower Upper

105 100

71 6.1 4.6 6.8

51 39.2 32.2 48.2

120 21.7 17.5 26.3

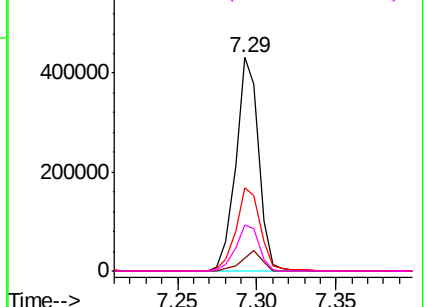


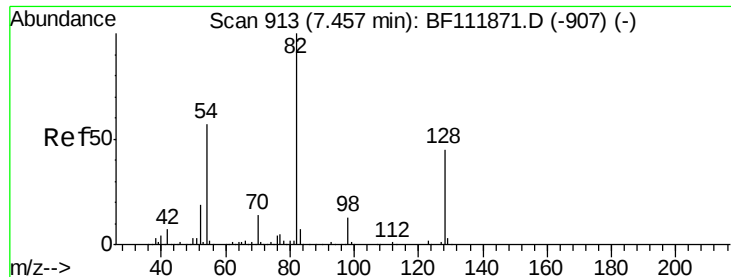
Abundance Ion 105.00 (104.70 to 105.70): E

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

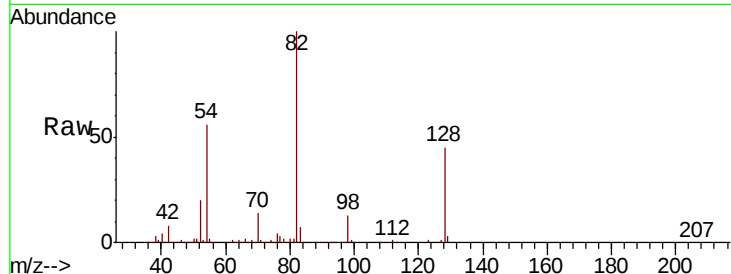




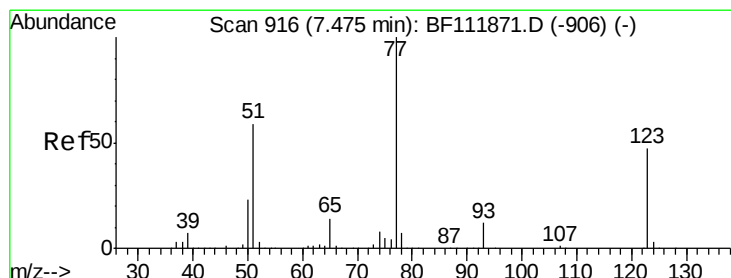
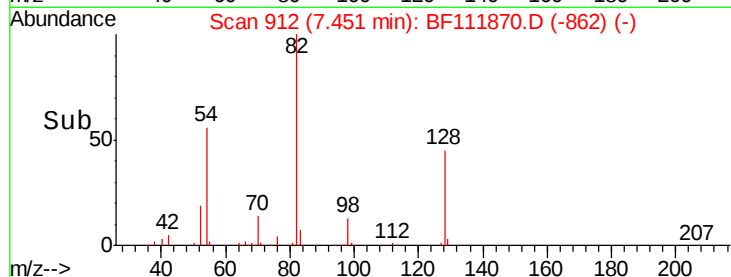
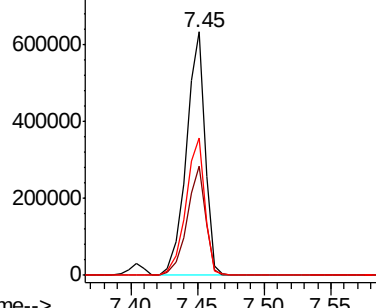
#23
 Nitrobenzene-d5
 Concen: 59.858 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	626294
Ion Ratio	100	Lower	Upper
128	44.7	35.7	53.5
54	56.3	45.8	68.8

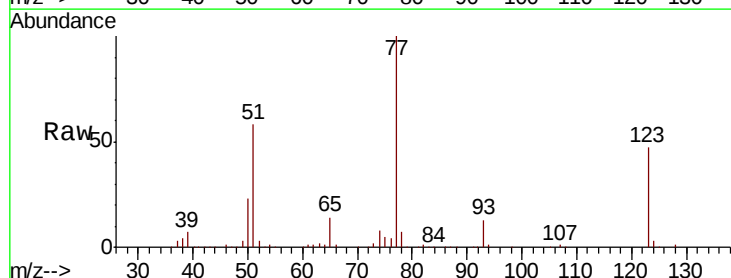


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

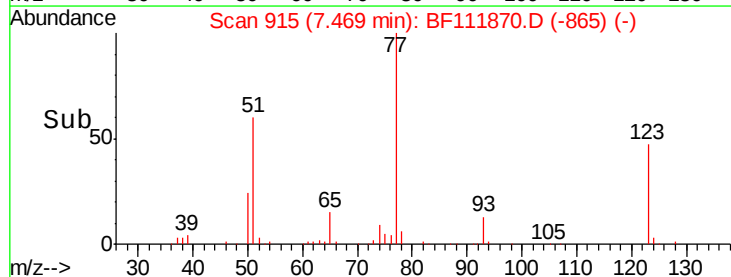
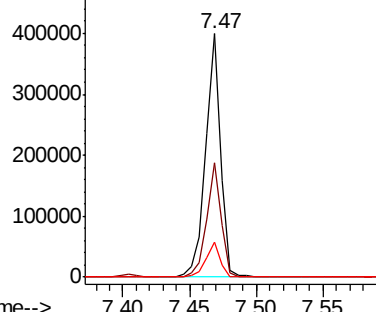


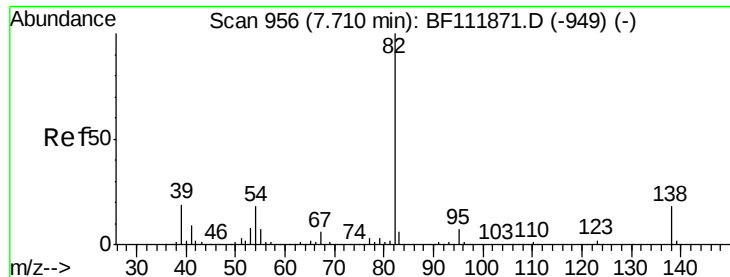
#24
 Nitrobenzene
 Concen: 29.102 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion	77	Resp	319131
Ion Ratio	100	Lower	Upper
123	47.0	38.1	57.1
65	14.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

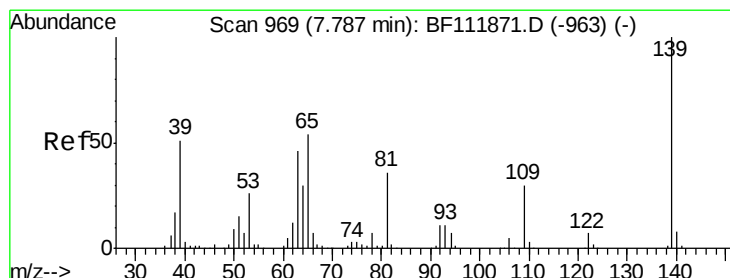
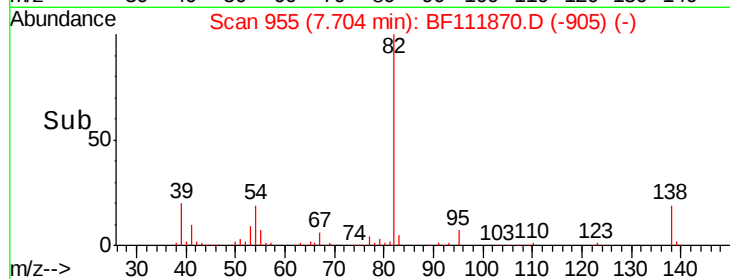
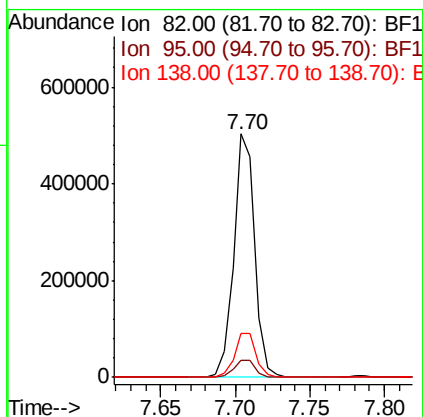
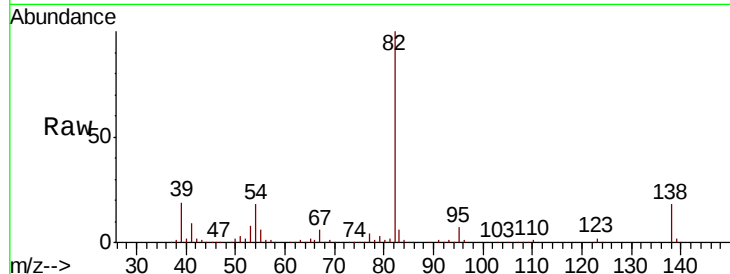




#25
Isophorone
Concen: 26.663 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

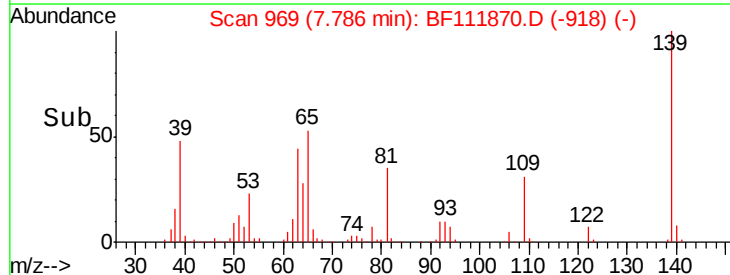
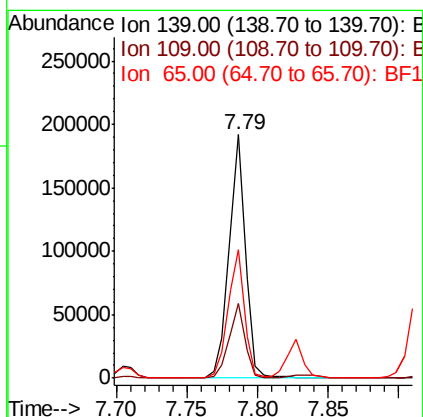
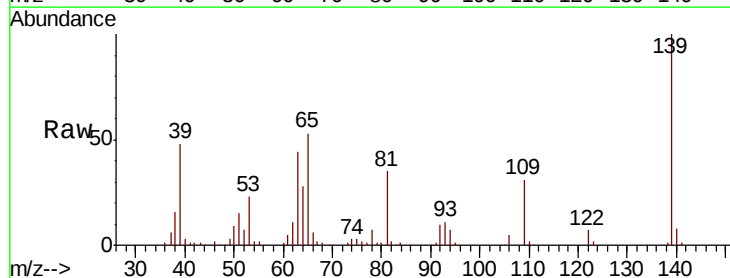
Instrument :
BNA_F
ClientSampleId :

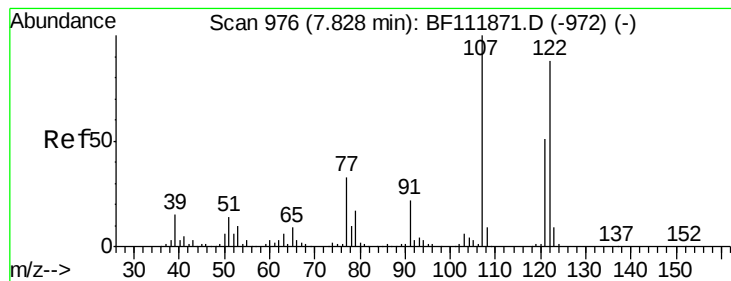
Tot Ion	82	Resp	495266
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	18.0	14.4	21.6



#26
2-Nitrophenol
Concen: 35.072 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion	139	Resp	155984
Ion Ratio	Lower	Upper	
139	100		
109	30.7	24.1	36.1
65	52.9	43.6	65.4

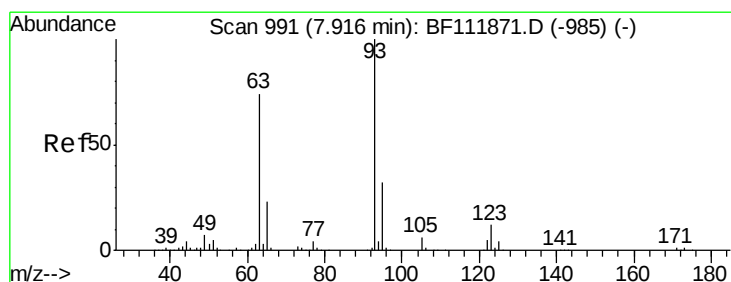
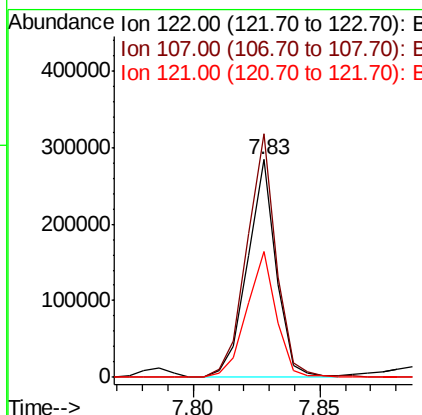
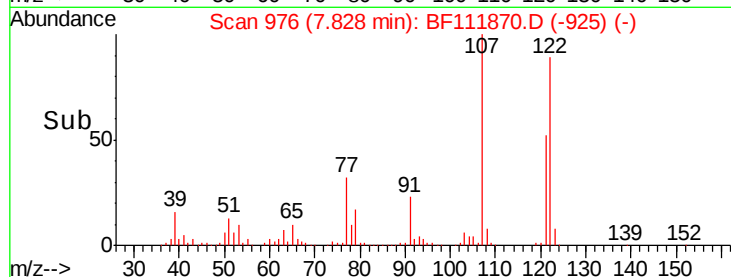
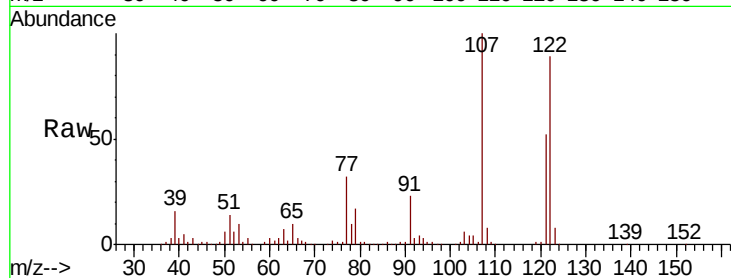




#27
 2,4-Dimethylphenol
 Concen: 25.803 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

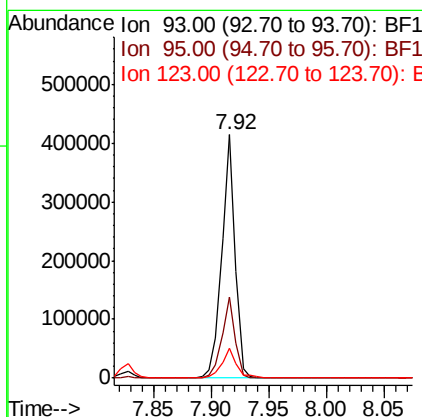
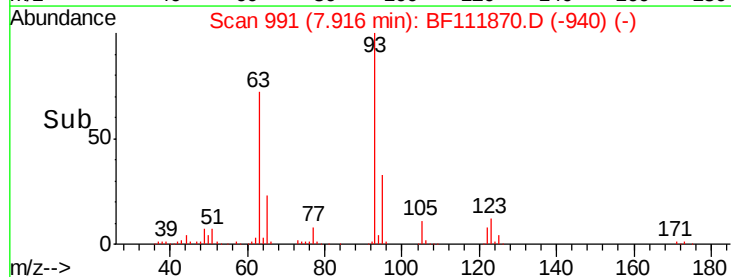
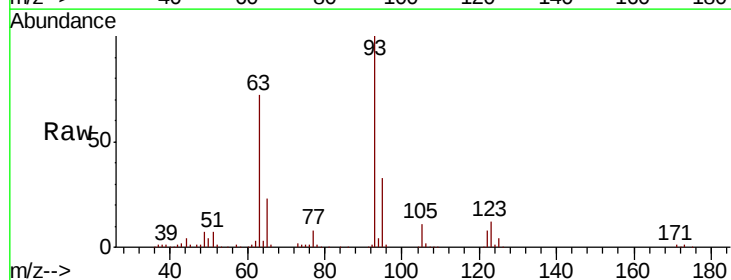
Instrument :
 BNA_F
 ClientSampleId :

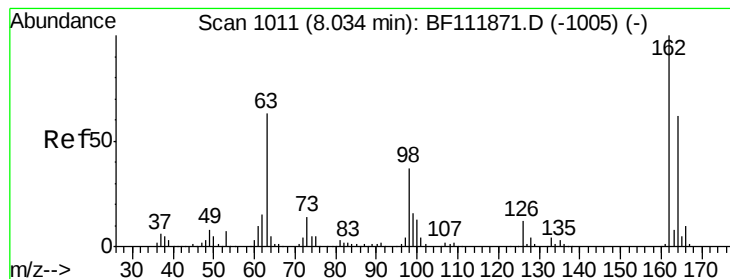
Tot Ion:122 Resp: 226223
 Ion Ratio Lower Upper
 122 100
 107 111.8 91.0 136.6
 121 57.7 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.932 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion: 93 Resp: 332895
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.6
 123 12.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 27.005 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

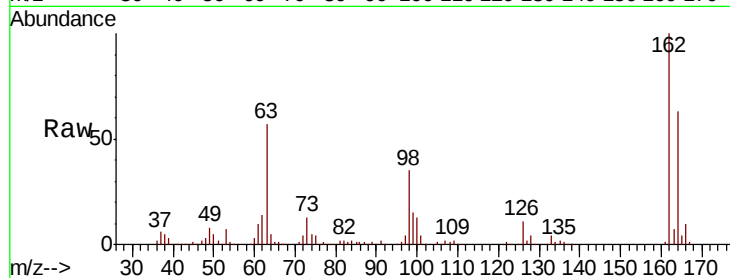
Tot Ion:162 Resp: 254659

Ion Ratio Lower Upper

162 100

164 62.8 42.1 82.1

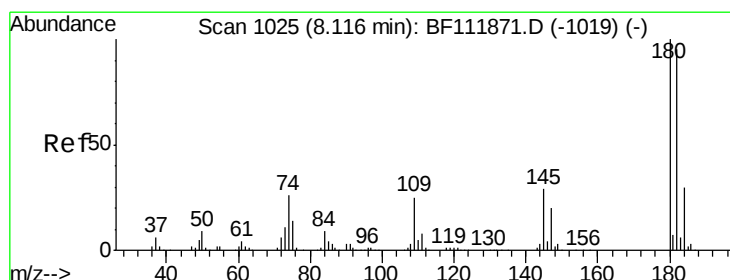
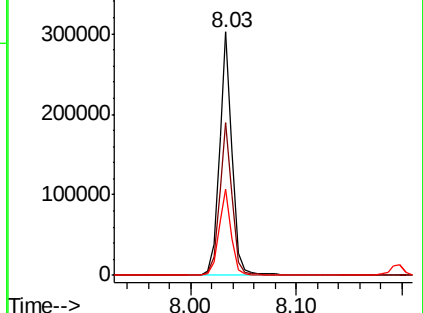
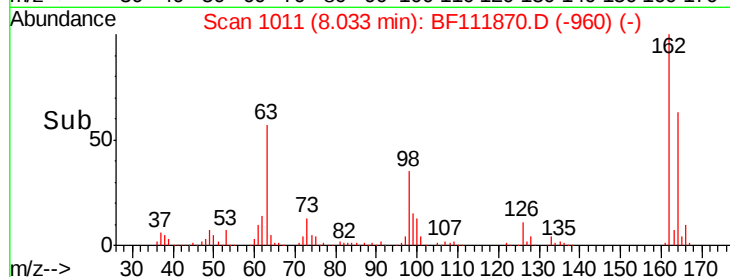
98 35.2 17.2 57.2



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



#30

1,2,4-Trichlorobenzene

Concen: 26.390 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

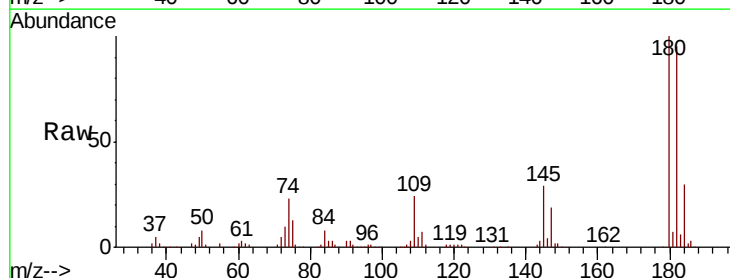
Tgt Ion:180 Resp: 277318

Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

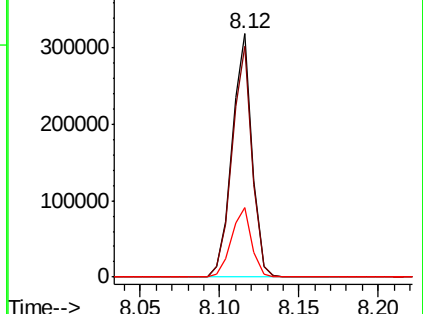
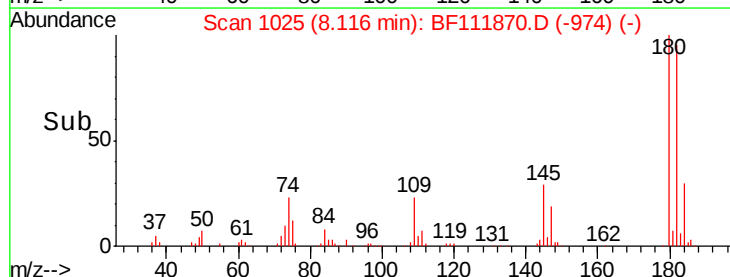
145 28.8 23.4 35.2

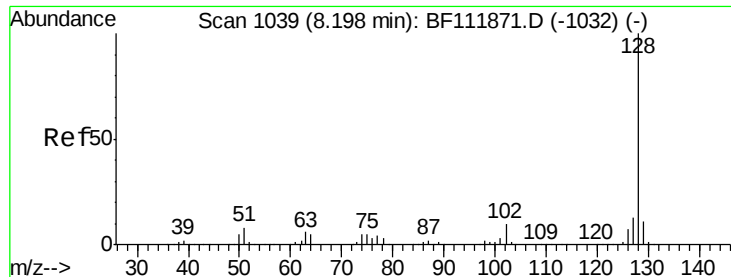


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.569 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampled :

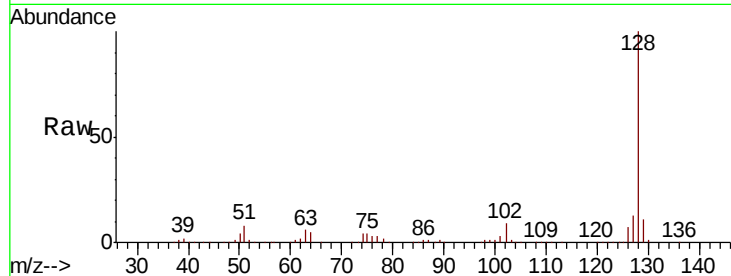
Tot Ion:128 Resp: 748206

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

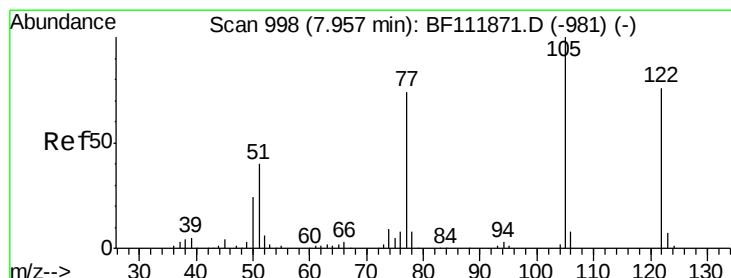
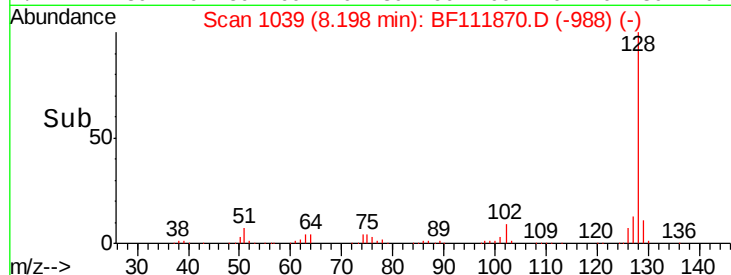
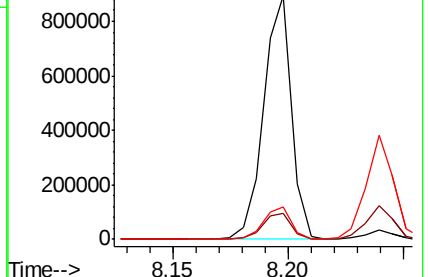
127 13.3 10.7 16.1



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: 25.628 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

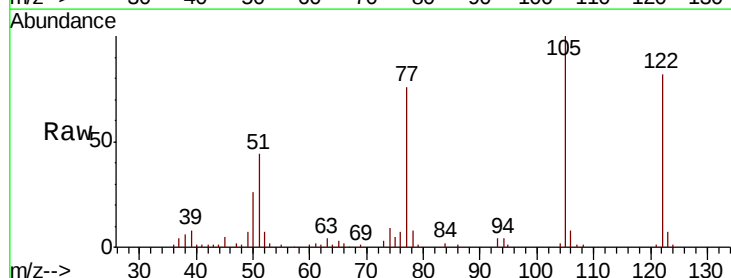
Tgt Ion:122 Resp: 148559

Ion Ratio Lower Upper

122 100

105 121.8 107.9 147.9

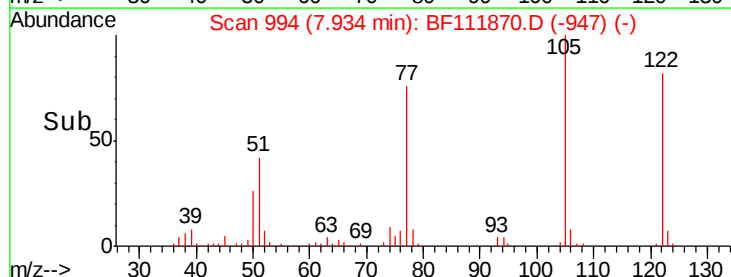
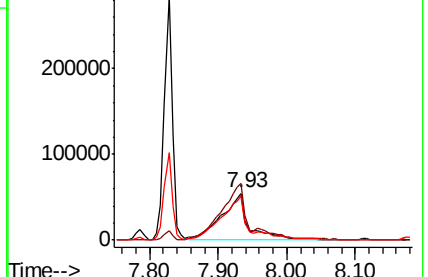
77 93.0 76.6 116.6

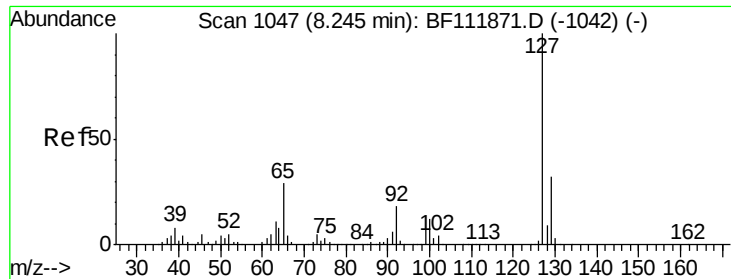


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

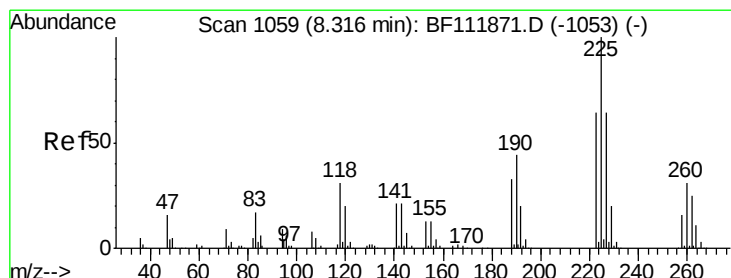
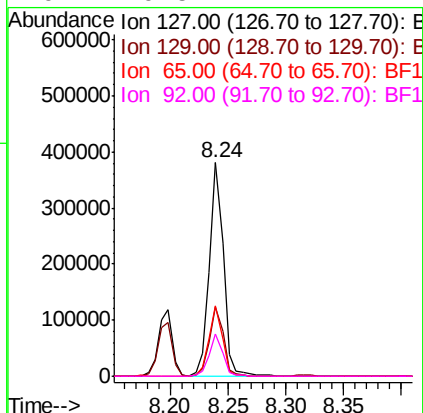
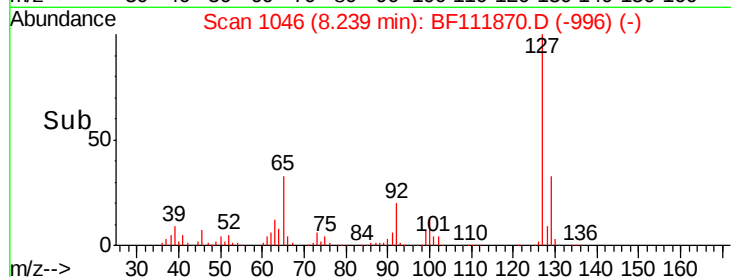
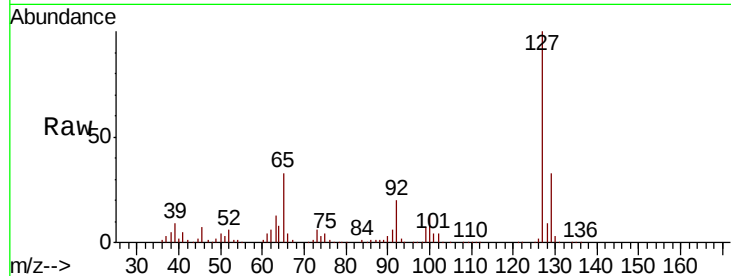




#33
4-Chloroaniline
Concen: 25.722 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

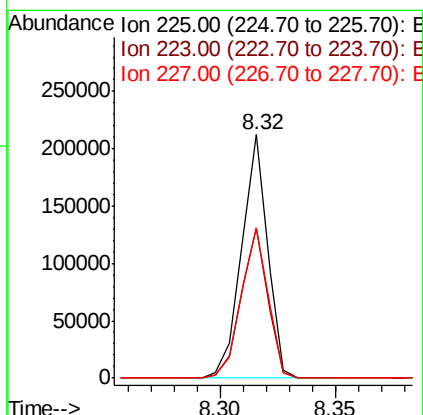
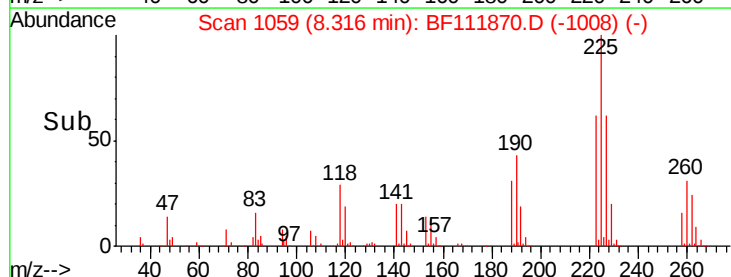
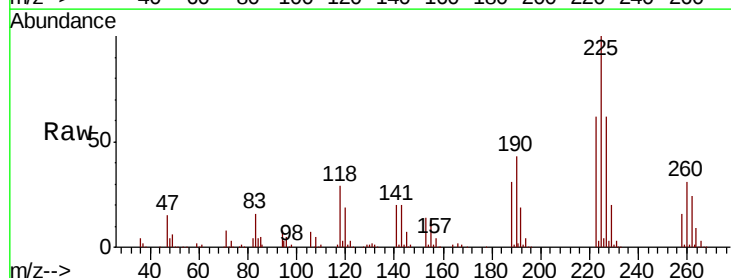
Instrument :
BNA_F
ClientSampled :

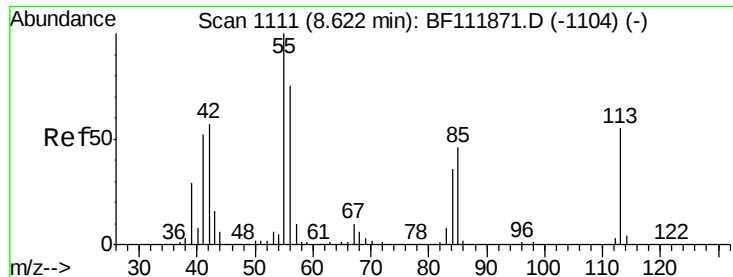
Tot Ion:	127	Resp:	325332
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	33.3	23.5	35.3
92	19.5	14.2	21.2



#34
Hexachlorobutadiene
Concen: 26.133 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:	225	Resp:	167371
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.9	76.3
227	61.6	51.4	77.0

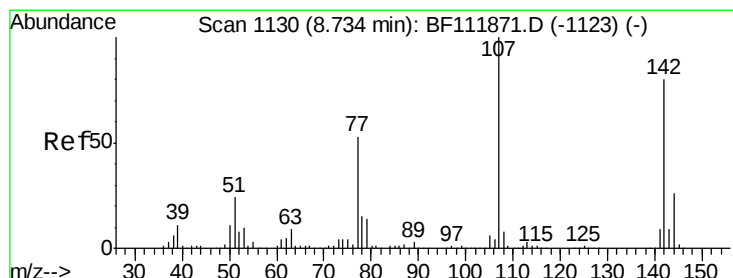
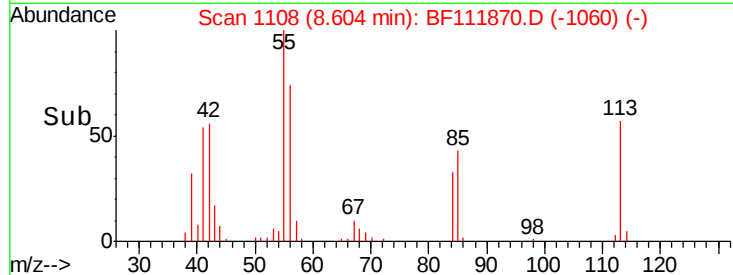
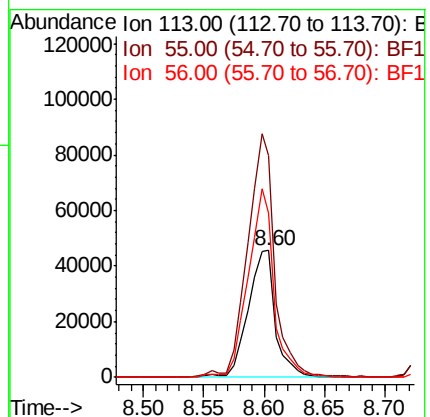
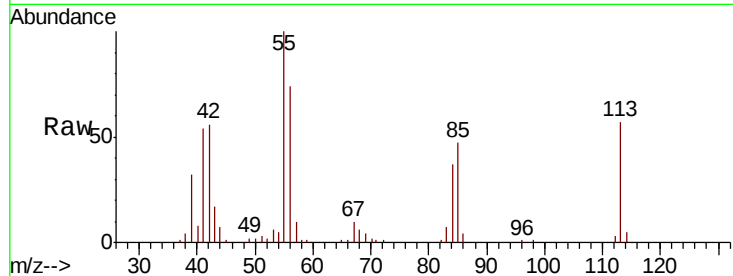




#35
Caprolactam
Concen: 22.525 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

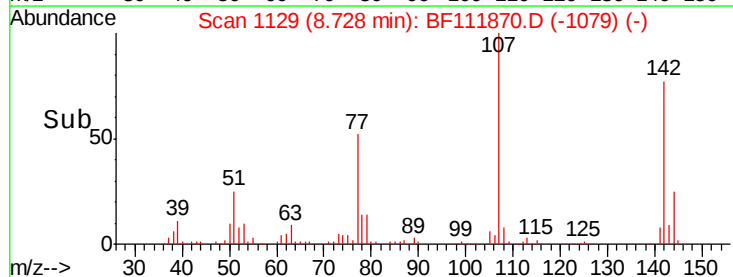
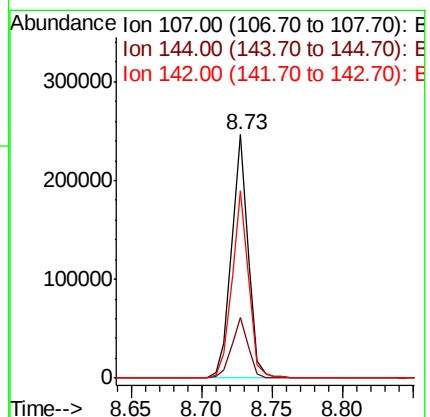
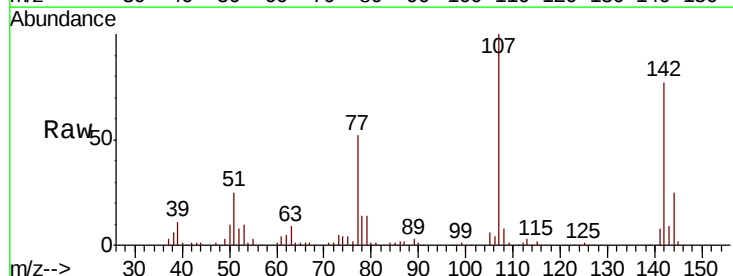
Instrument :
BNA_F
ClientSampled :

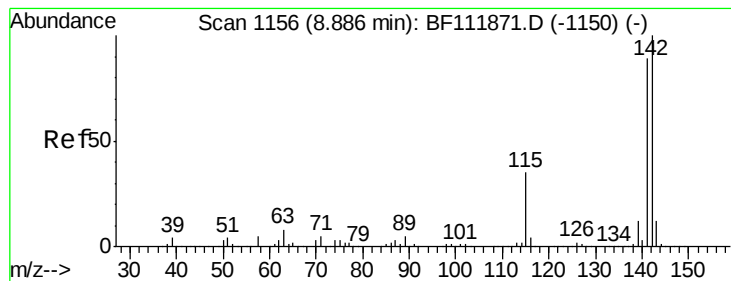
Tot Ion:113 Resp: 71975
Ion Ratio Lower Upper
113 100
55 174.8 162.0 202.0
56 129.3 116.0 156.0



#36
4-Chloro-3-methylphenol
Concen: 21.952 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:107 Resp: 203482
Ion Ratio Lower Upper
107 100
144 24.7 20.7 31.1
142 77.0 63.9 95.9

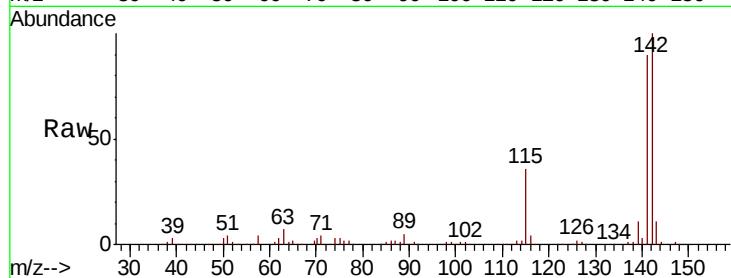




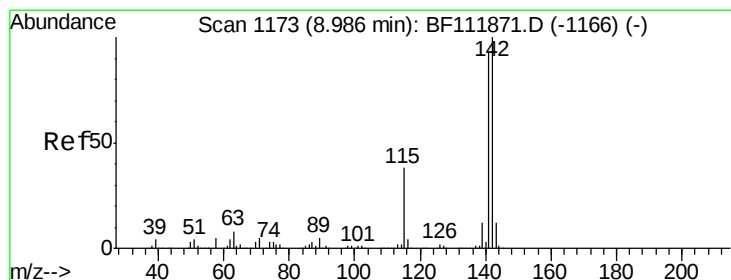
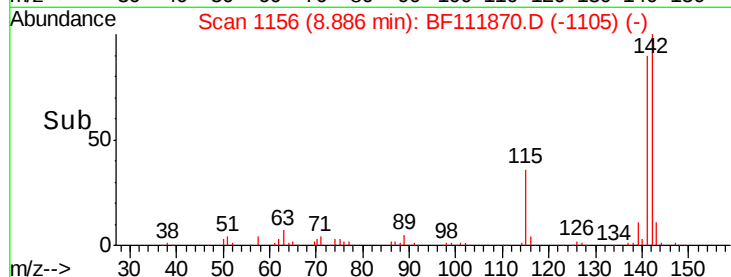
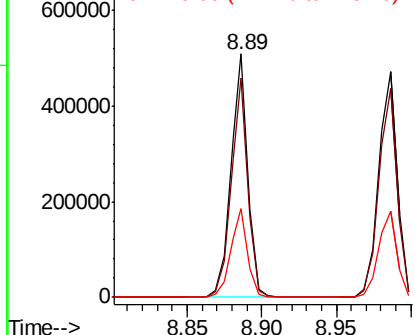
#37
2-Methylnaphthalene
Concen: 21.313 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	36.3	28.3	42.5

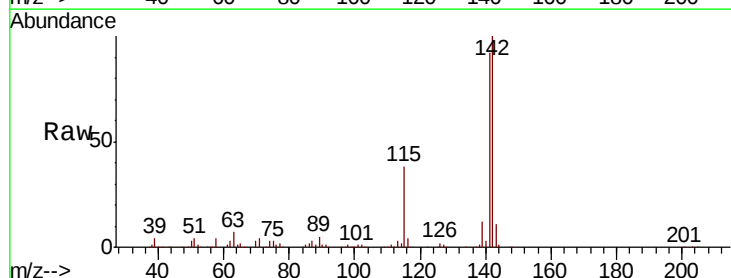


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

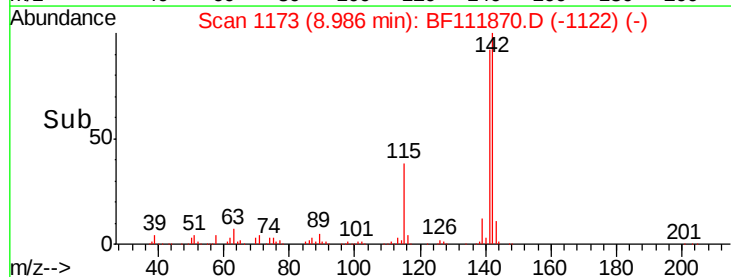
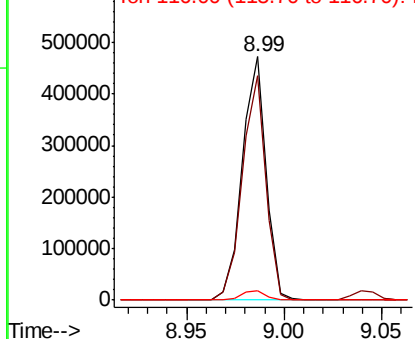


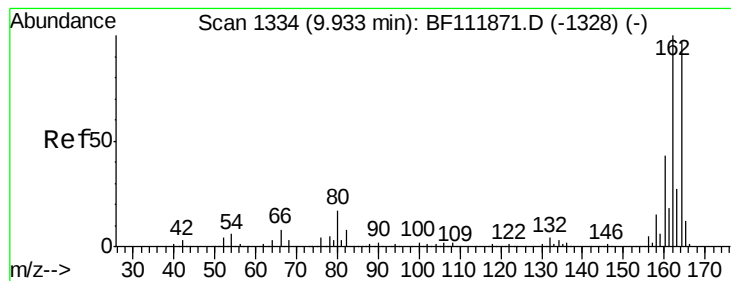
#38
1-Methylnaphthalene
Concen: 21.823 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.8	112.2
116	3.8	3.1	4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

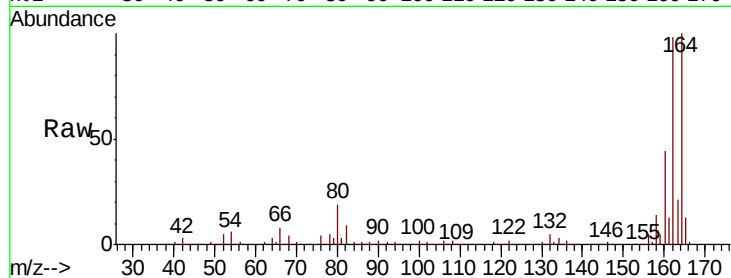
Tot Ion:164 Resp: 328832

Ion Ratio Lower Upper

164 100

162 97.6 82.2 123.2

160 43.7 35.5 53.3

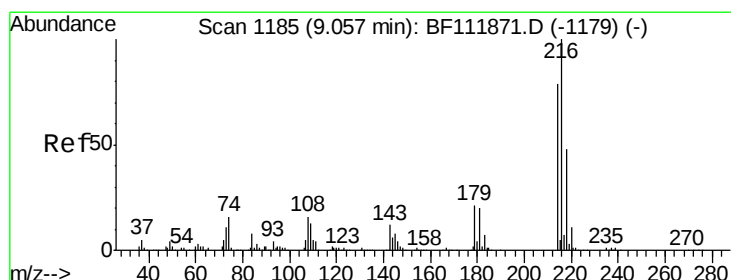
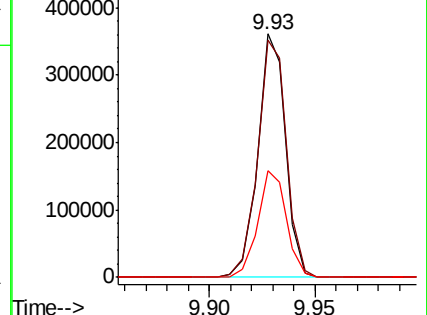
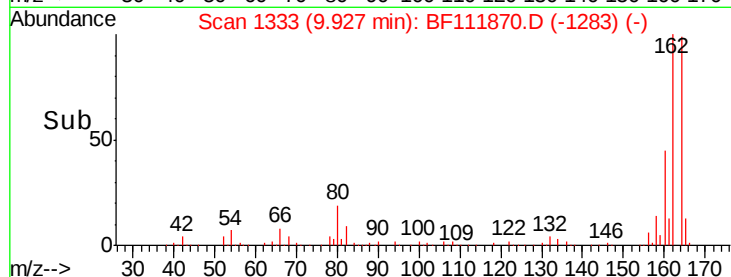


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.191 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Tgt Ion:216 Resp: 228972

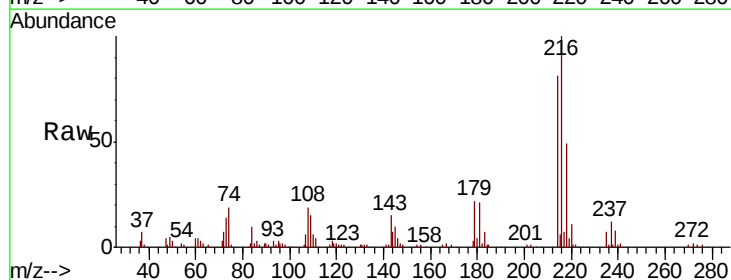
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 20.7 17.0 25.6

108 18.0 14.6 22.0



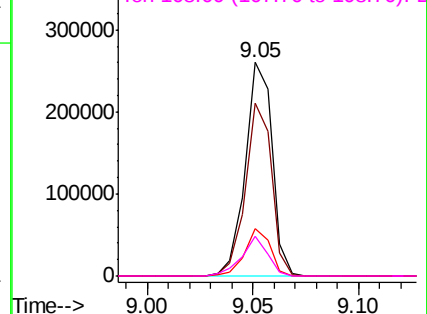
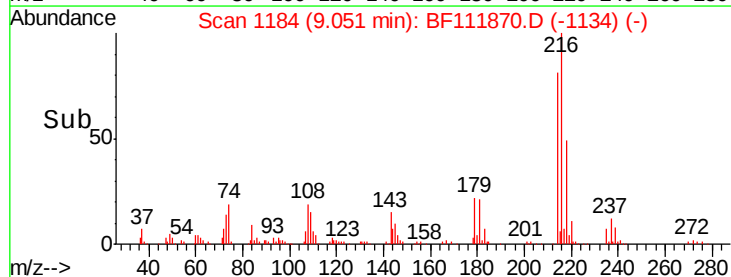
Abundance

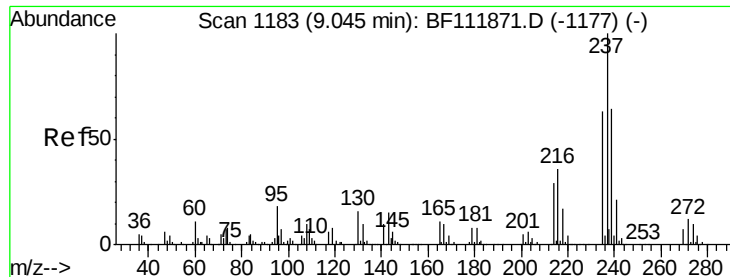
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 24.616 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

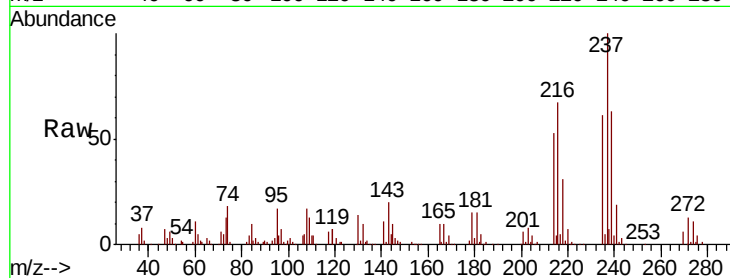
Tot Ion:237 Resp: 129074

Ion Ratio Lower Upper

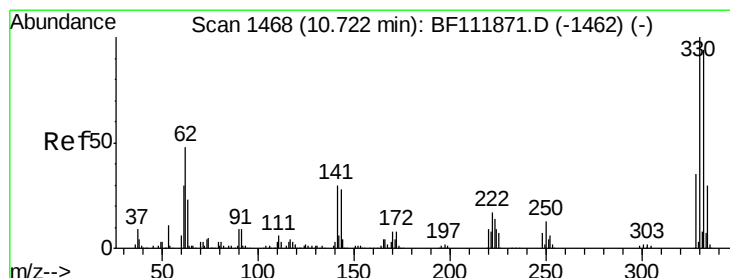
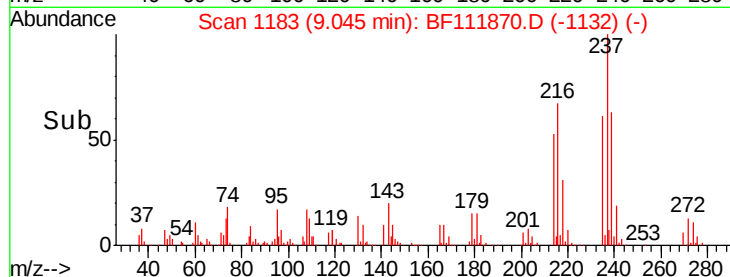
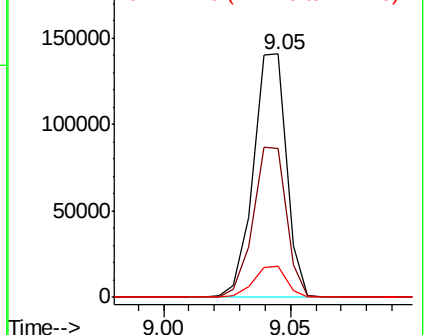
237 100

235 61.2 42.6 82.6

272 13.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 60.588 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

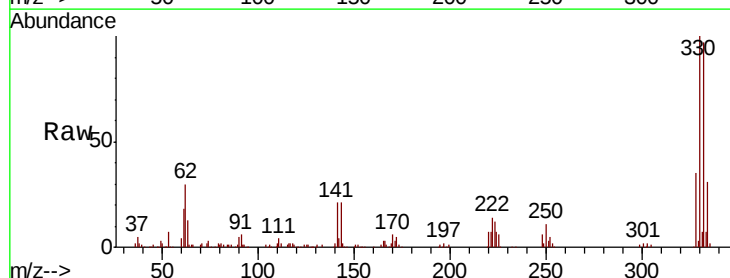
Tgt Ion:330 Resp: 235409

Ion Ratio Lower Upper

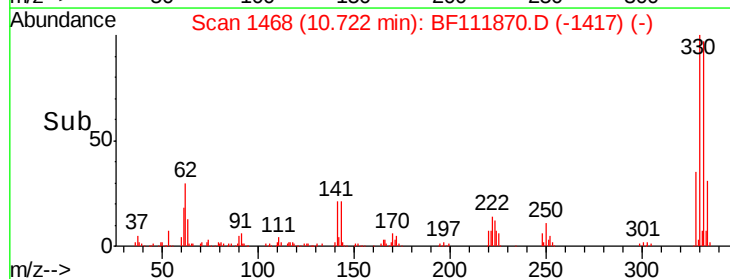
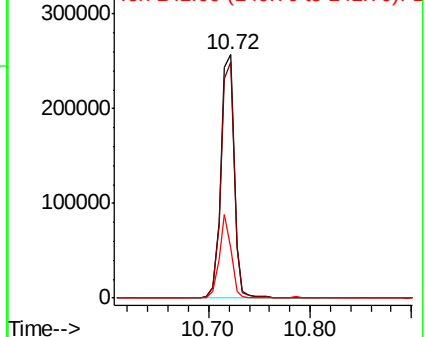
330 100

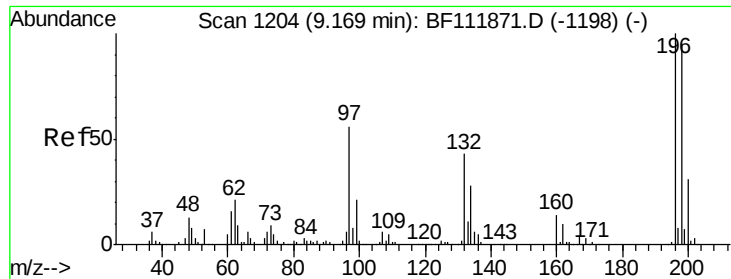
332 96.0 76.9 115.3

141 30.0 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

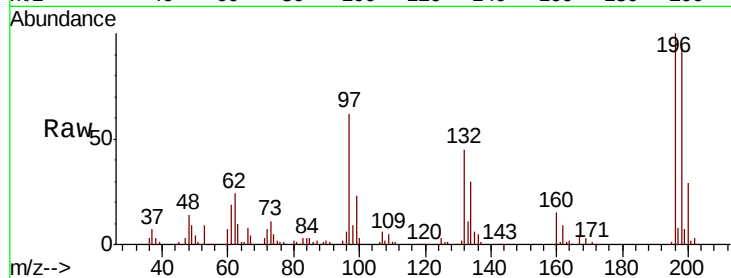




#43
 2,4,6-Trichlorophenol
 Concen: 25.394 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	183196
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.8	113.8
200	28.5	24.5	36.7

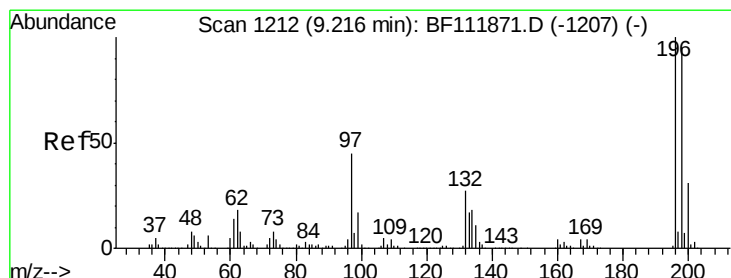
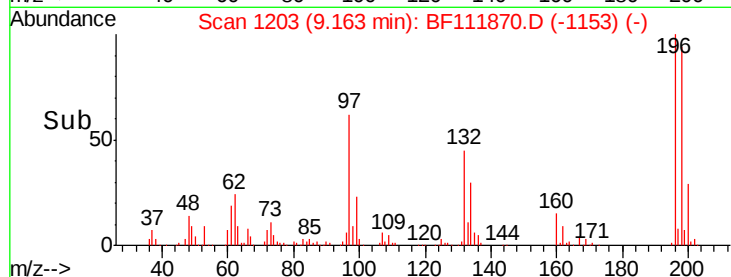
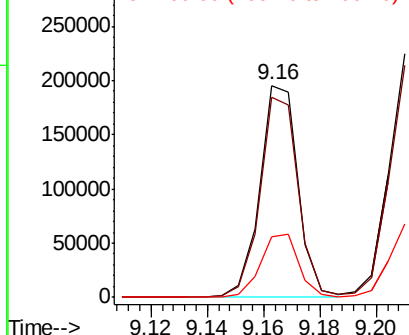


Abundance

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: 26.020 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion	196	Resp	192576
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.2	114.2
97	48.9	36.4	54.6
132	27.3	21.7	32.5

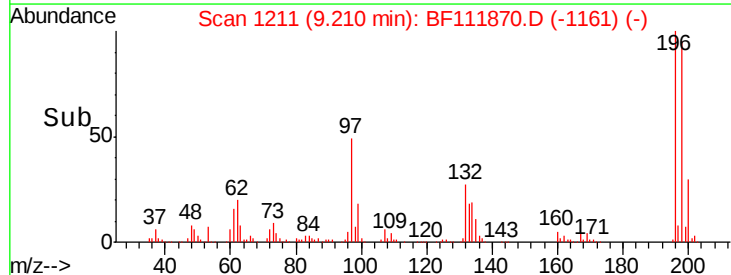
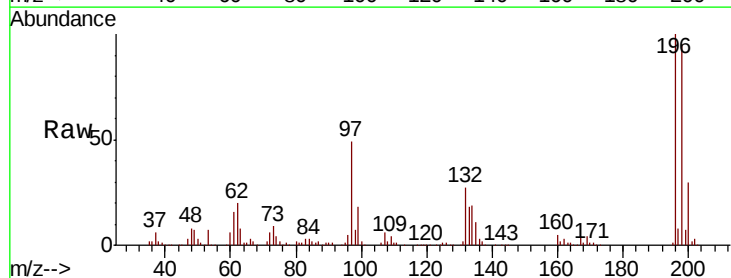
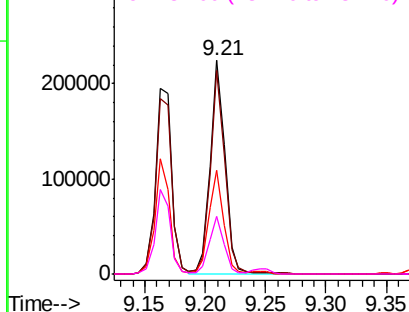
Abundance

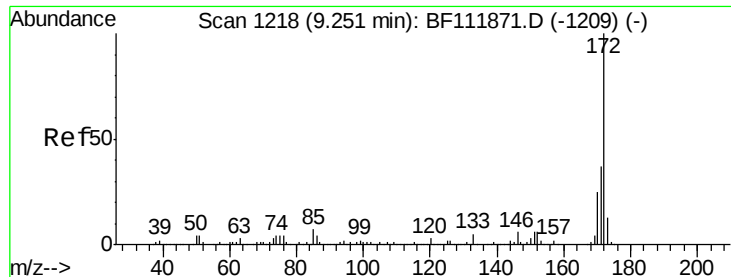
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

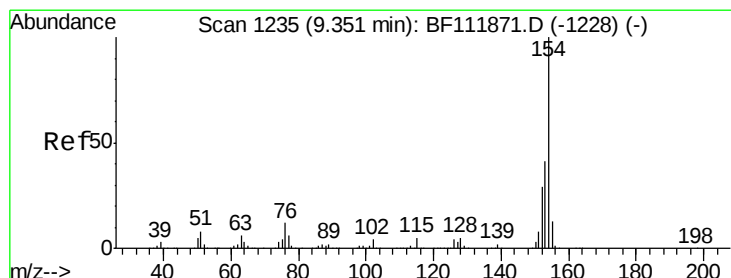
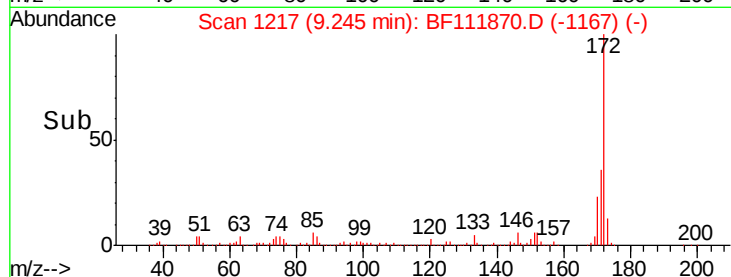
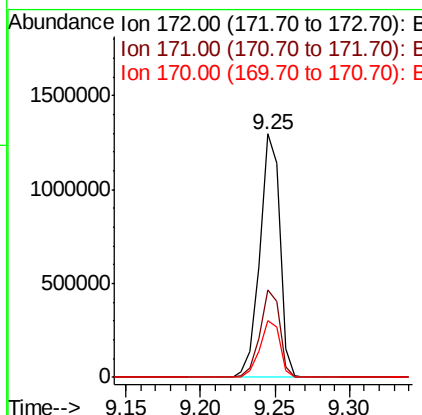
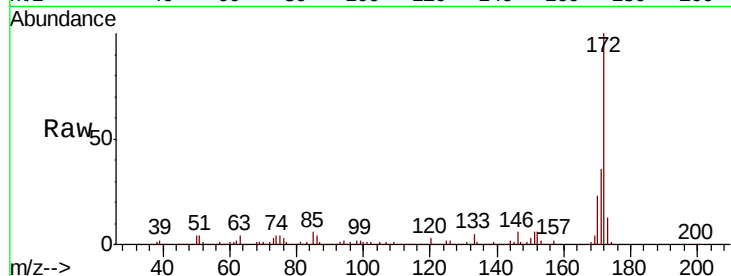




#45
2-Fluorobiphenyl
Concen: 52.604 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

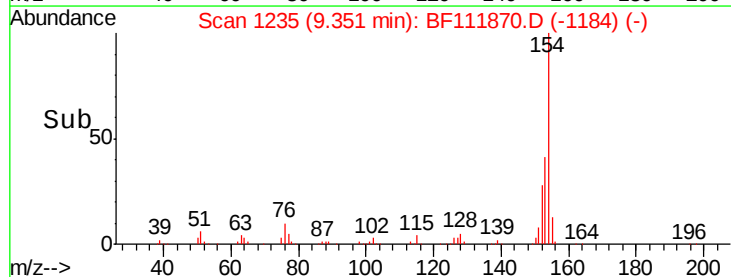
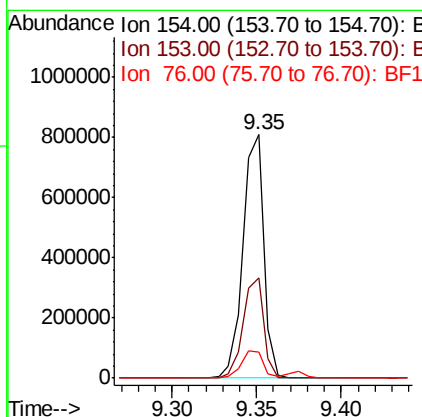
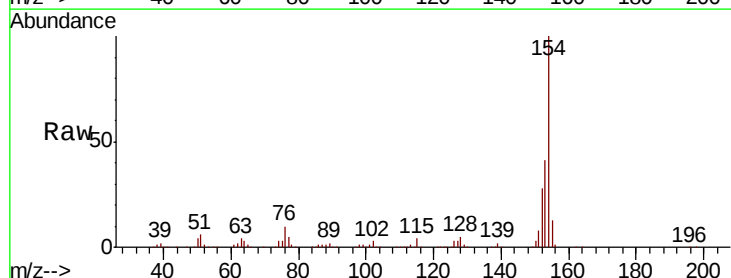
Instrument :
BNA_F
ClientSampleId :

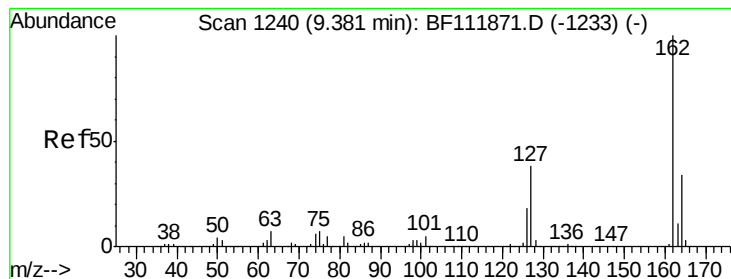
Tot Ion:172 Resp: 1186747
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.5 19.8 29.8



#46
1,1'-Biphenyl
Concen: 25.099 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:154 Resp: 696699
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 10.4 0.0 32.3





#47

2-Chloronaphthalene

Concen: 24.372 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

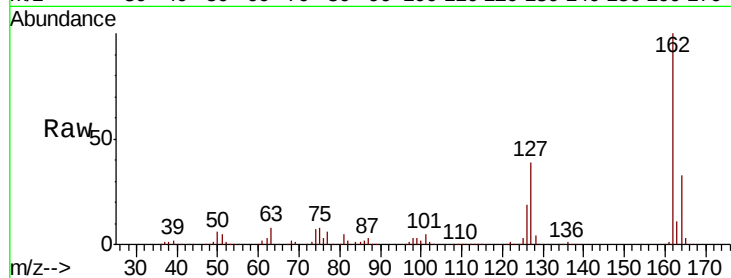
Tot Ion:162 Resp: 536006

Ion Ratio Lower Upper

162 100

127 39.2 31.2 46.8

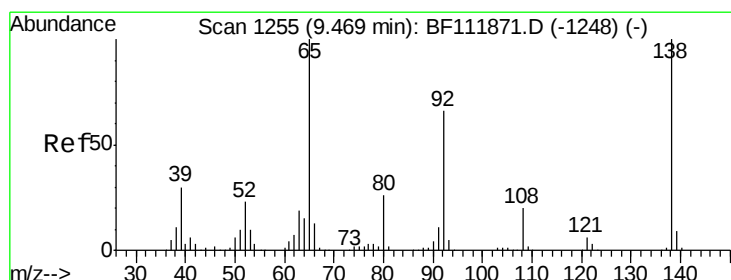
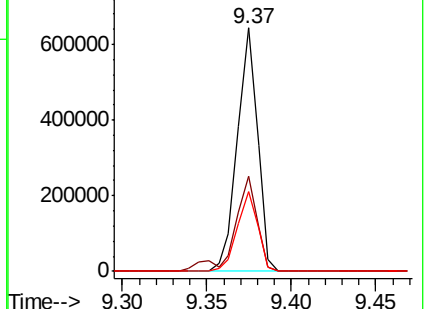
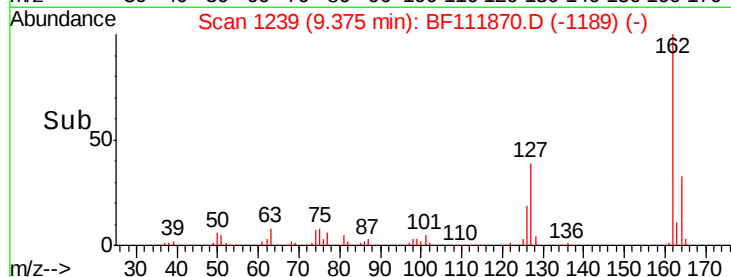
164 33.0 27.0 40.6



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: 28.976 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

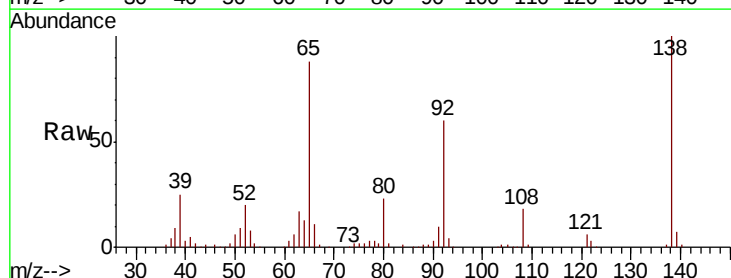
Tgt Ion: 65 Resp: 165784

Ion Ratio Lower Upper

65 100

92 68.1 52.5 78.7

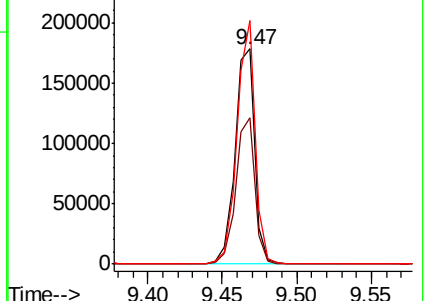
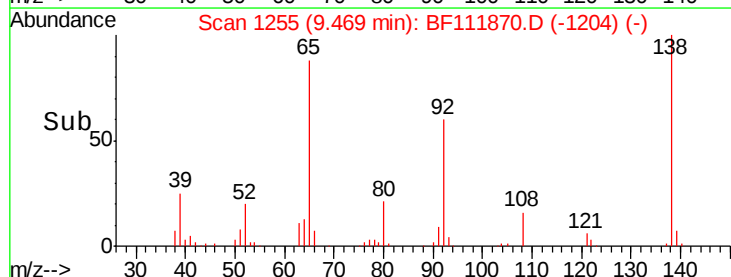
138 113.1 79.8 119.6

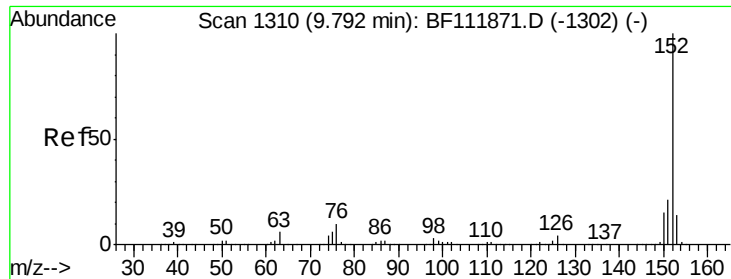


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 25.974 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

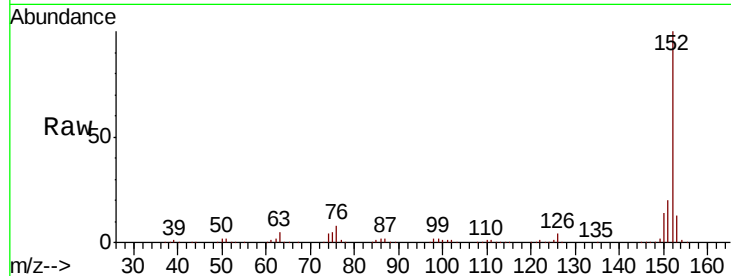
Tot Ion:152 Resp: 834030

Ion Ratio Lower Upper

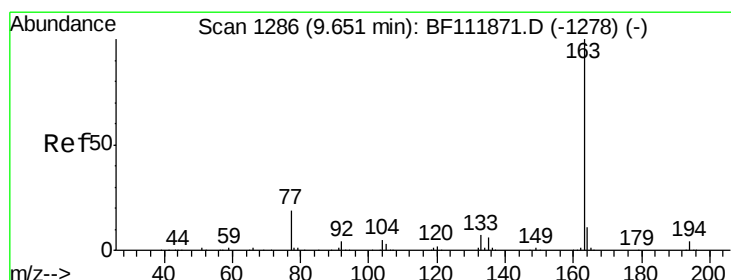
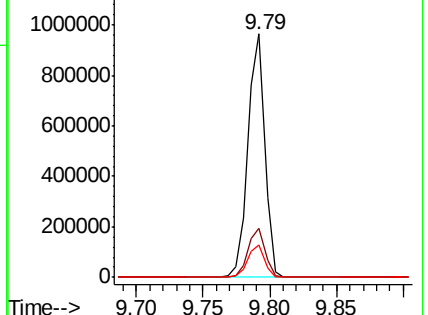
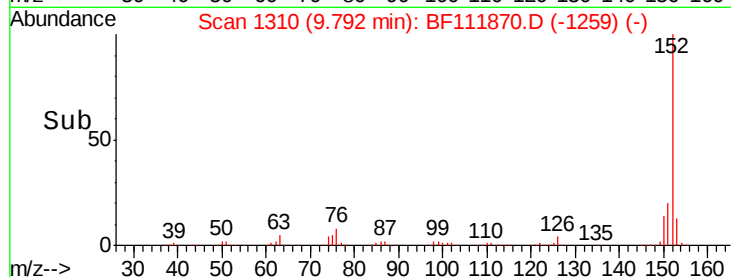
152 100

151 20.3 16.6 25.0

153 13.4 11.0 16.4



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: 25.974 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

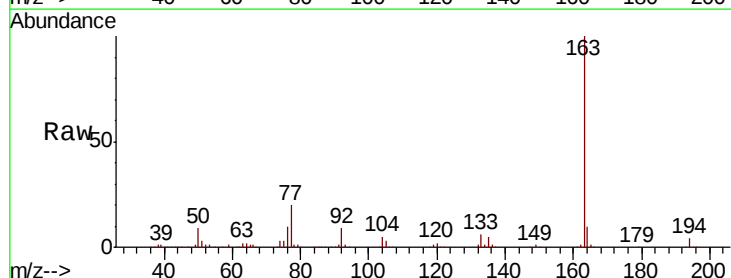
Tgt Ion:163 Resp: 624581

Ion Ratio Lower Upper

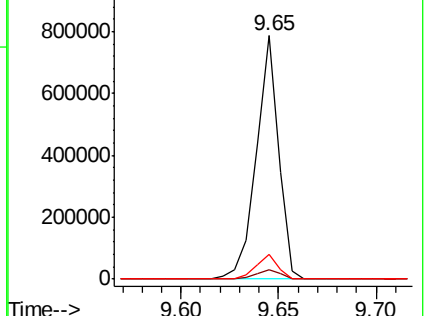
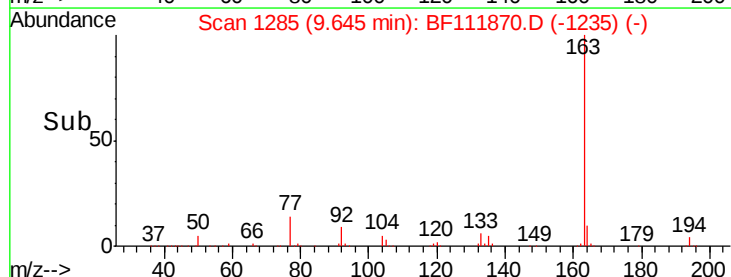
163 100

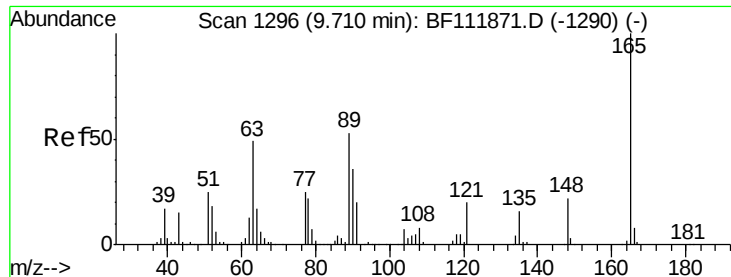
194 3.9 3.4 5.2

164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

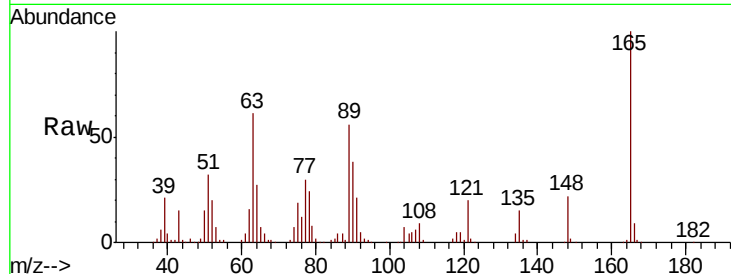




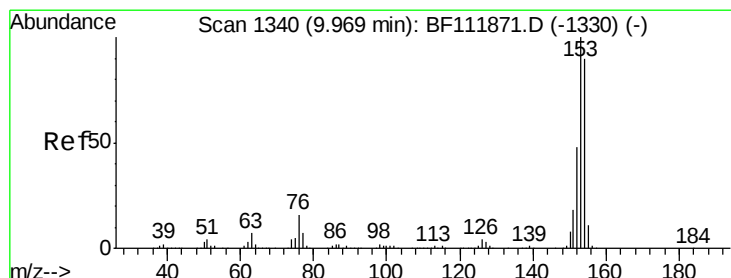
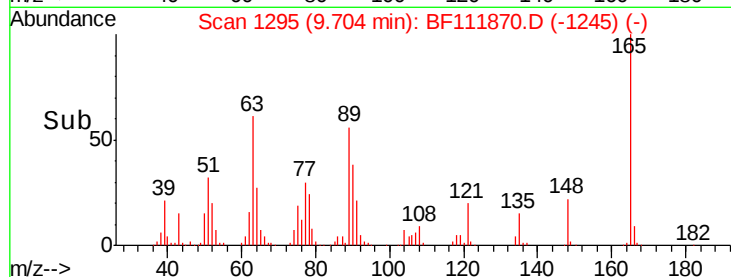
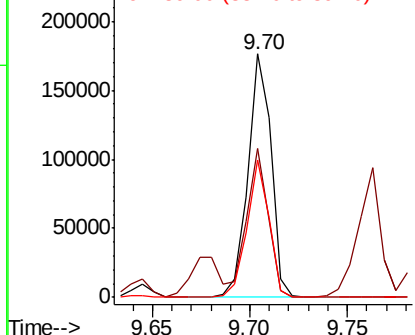
#51
 2,6-Dinitrotoluene
 Concen: 30.292 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 145244
 Ion Ratio Lower Upper
 165 100
 63 61.1 46.2 69.2
 89 56.4 42.2 63.2

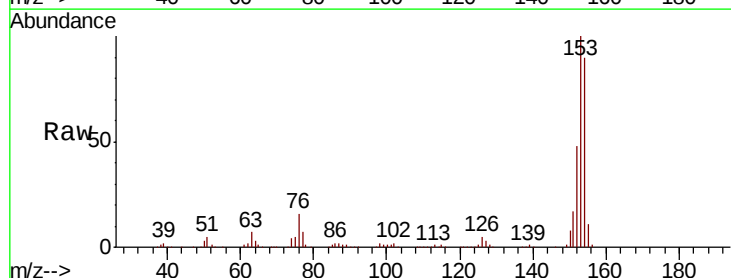


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

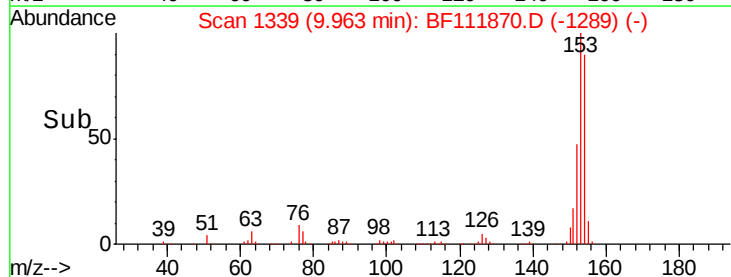
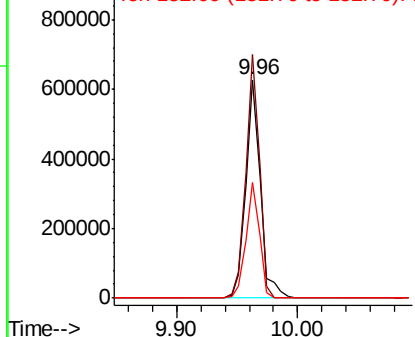


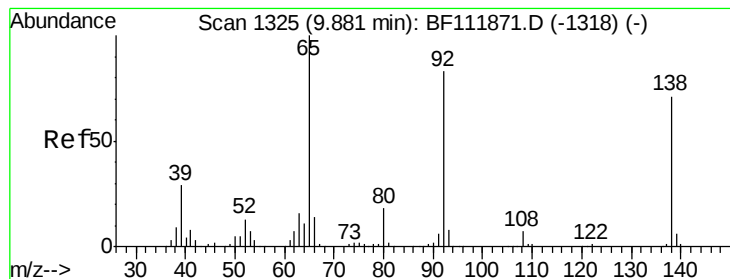
#52
 Acenaphthene
 Concen: 26.994 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion:154 Resp: 534613
 Ion Ratio Lower Upper
 154 100
 153 111.4 89.4 134.0
 152 53.1 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: 29.989 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampled :

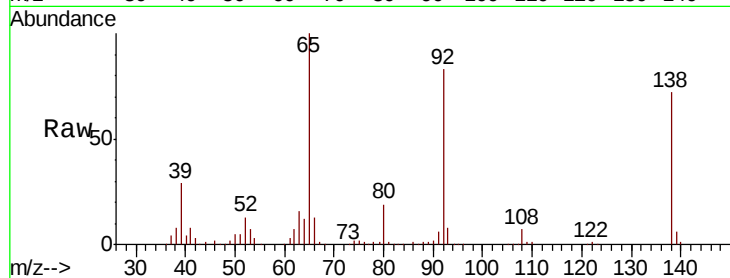
Tot Ion:138 Resp: 153356

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.4

92 115.4 93.5 140.3

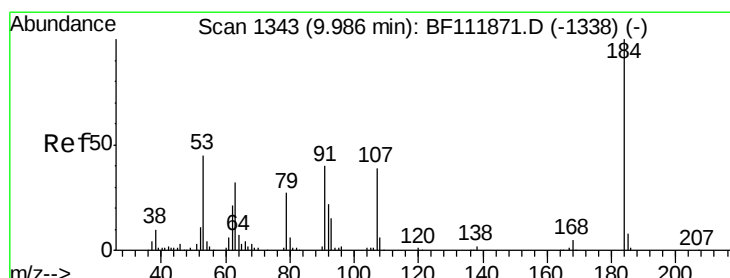
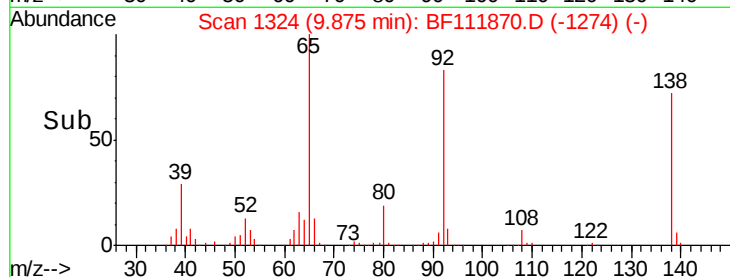
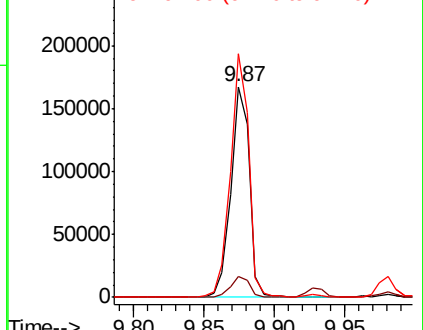


Abundance

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



#54

2,4-Dinitrophenol

Concen: 43.637 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

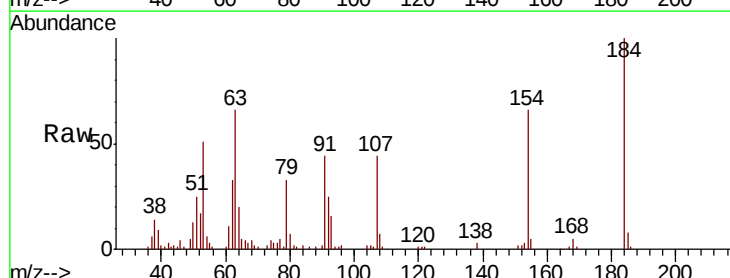
Tgt Ion:184 Resp: 56462

Ion Ratio Lower Upper

184 100

63 65.8 46.9 70.3

154 65.7 46.9 70.3

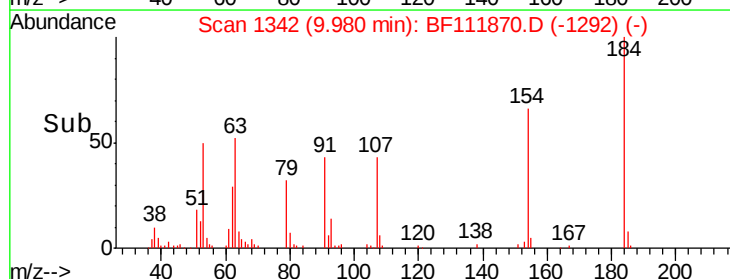
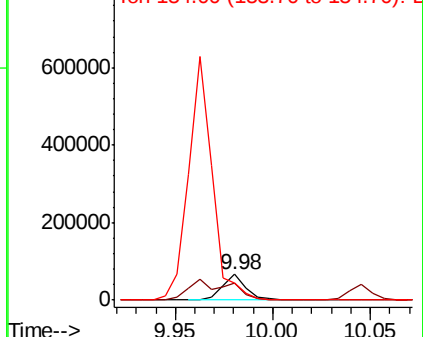


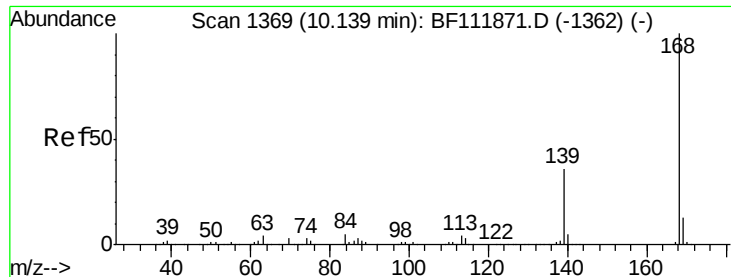
Abundance

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

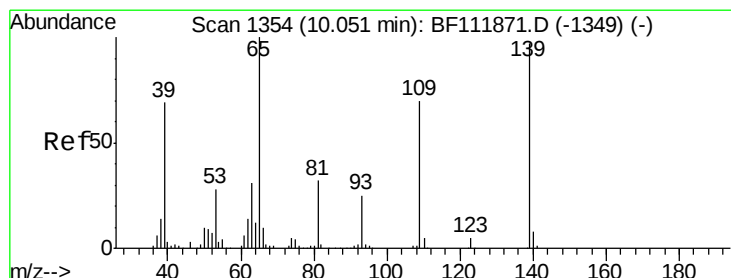
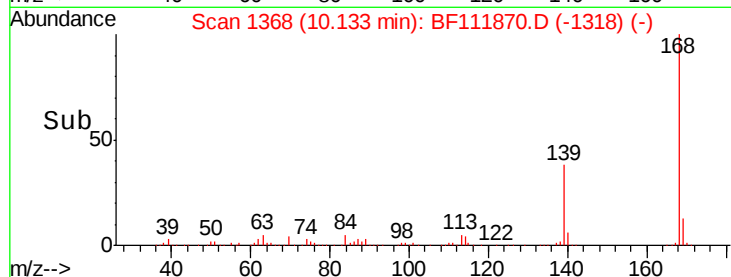
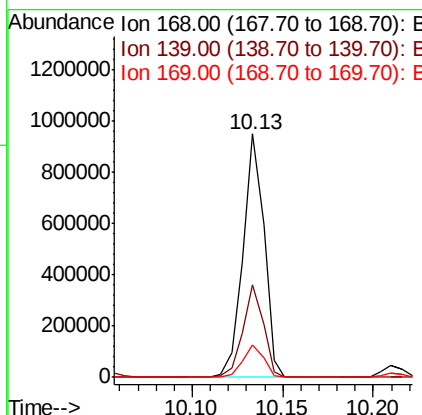
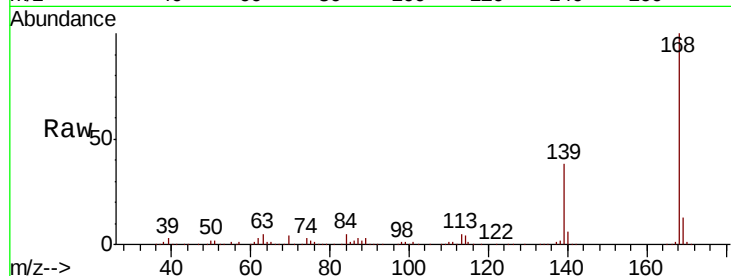




#55
Dibenzofuran
Concen: 25.641 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

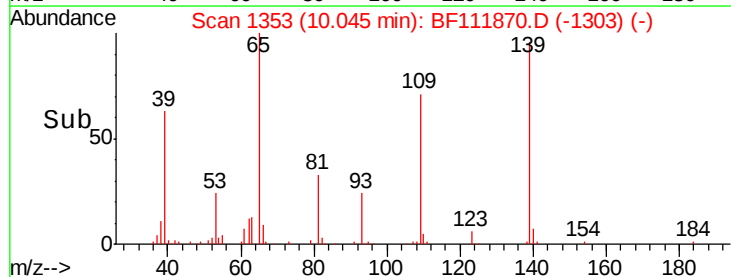
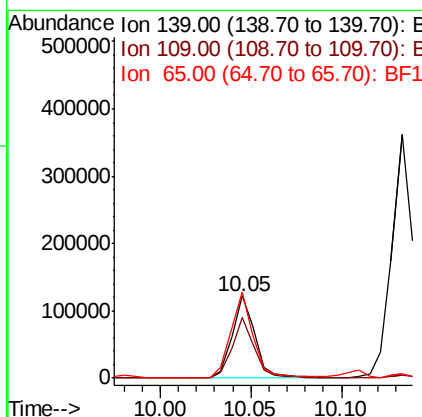
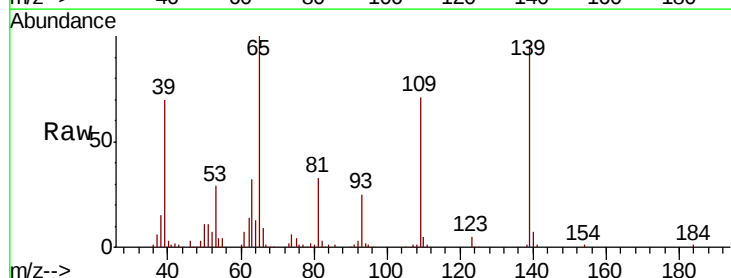
Instrument :
BNA_F
ClientSampleId :

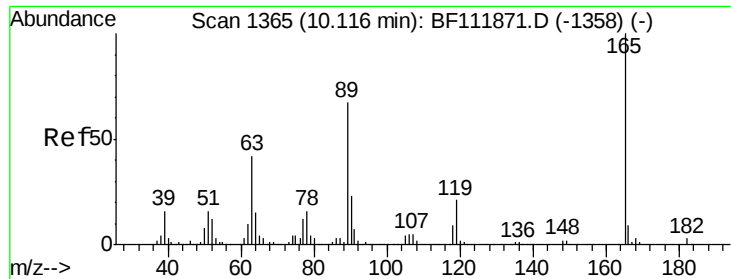
Tot Ion:168 Resp: 767194
Ion Ratio Lower Upper
168 100
139 38.1 29.3 43.9
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 27.601 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:139 Resp: 107714
Ion Ratio Lower Upper
139 100
109 73.9 52.2 92.2
65 104.7 83.1 123.1

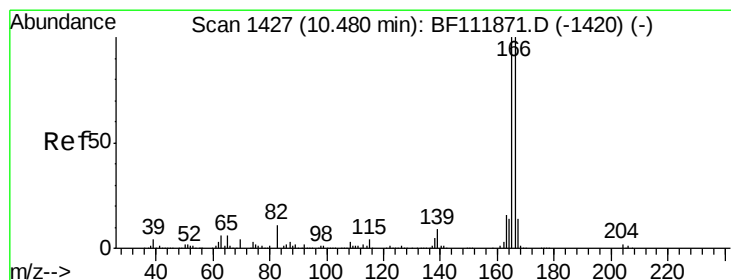
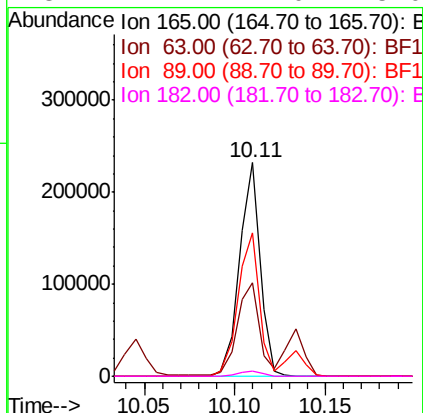
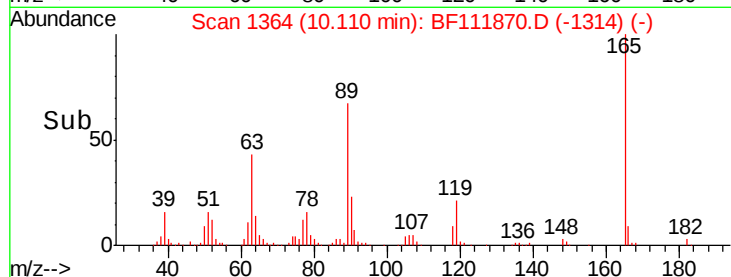
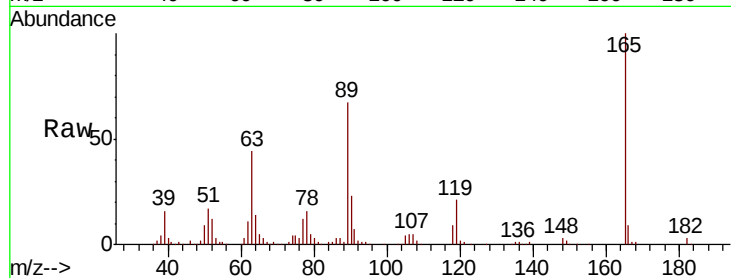




#57
2,4-Dinitrotoluene
Concen: 31.803 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

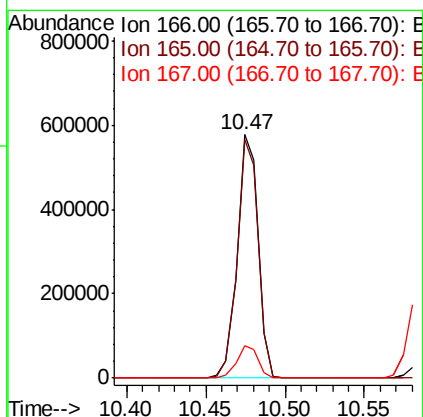
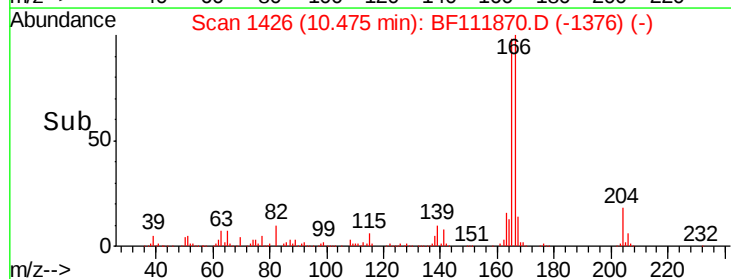
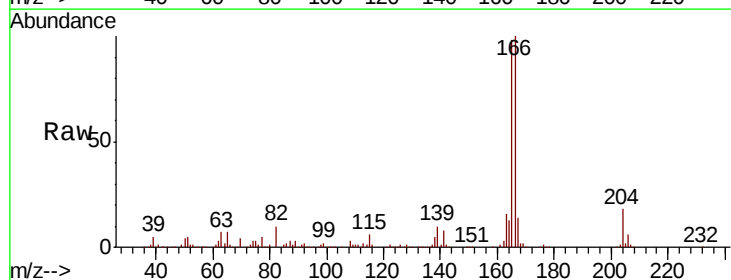
Instrument :
BNA_F
ClientSampled :

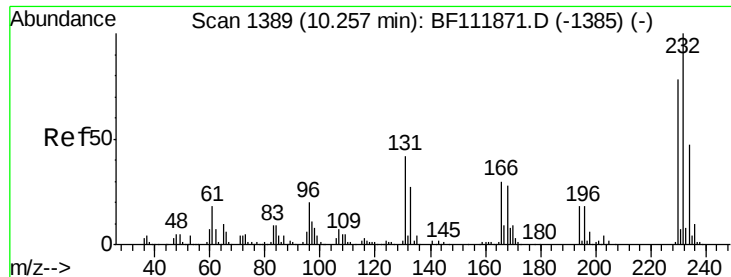
Tot Ion:	165	Resp:	183275
Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.1	51.1
89	67.3	53.5	80.3
182	2.7	2.0	3.0



#58
Fluorene
Concen: 24.349 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:	166	Resp:	524967
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.7	119.5
167	13.6	11.1	16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 26.009 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 161994

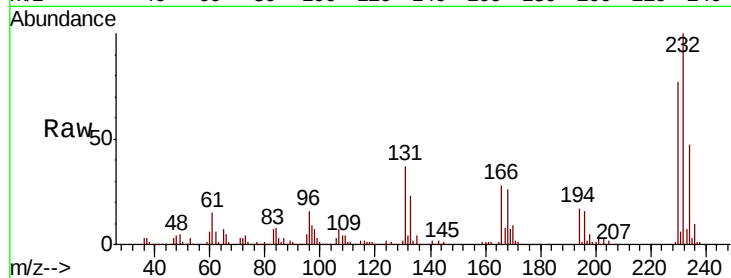
Ion Ratio Lower Upper

232 100

131 42.1 34.0 51.0

130 2.1 1.6 2.4

166 29.7 23.4 35.0

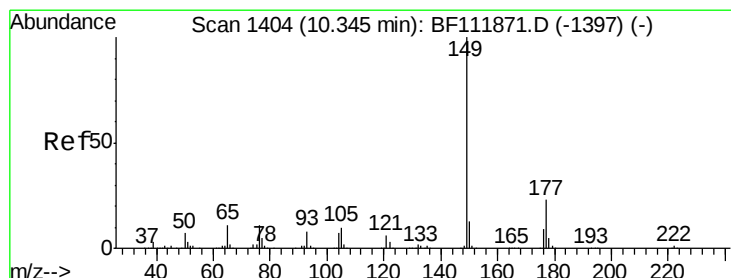
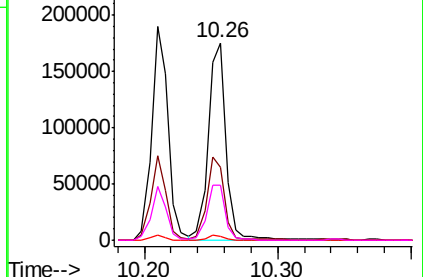
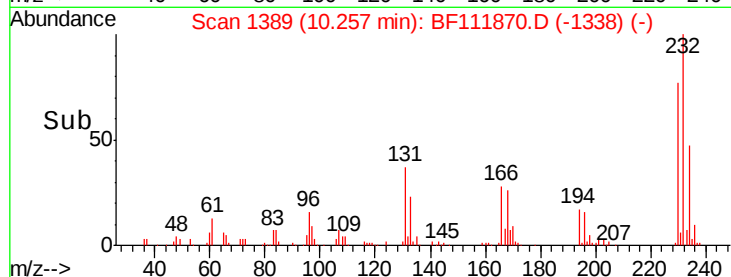


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 25.631 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

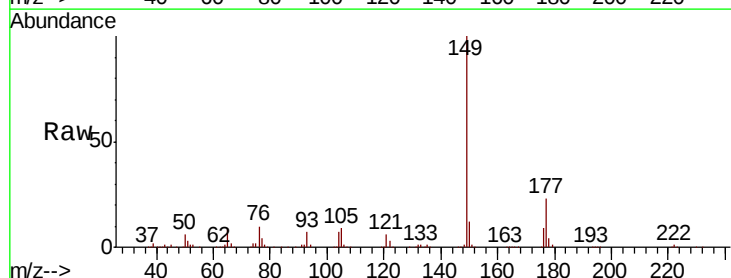
Tgt Ion:149 Resp: 604590

Ion Ratio Lower Upper

149 100

177 23.4 18.3 27.5

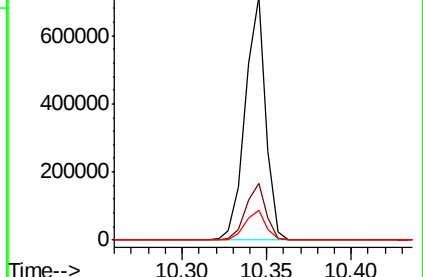
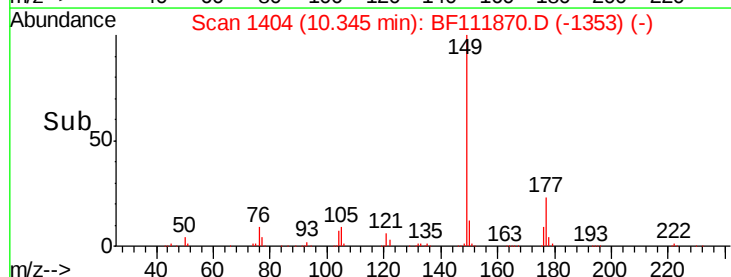
150 12.5 10.2 15.4

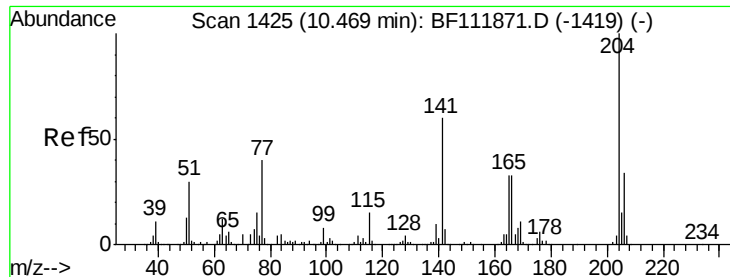


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

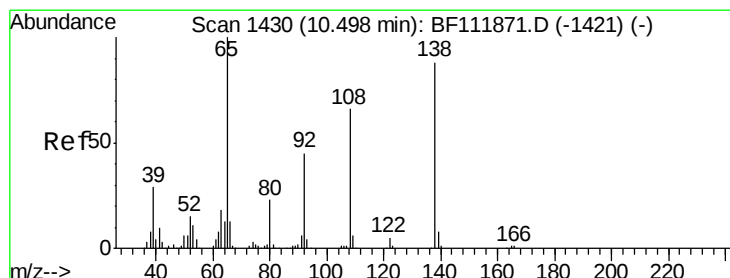
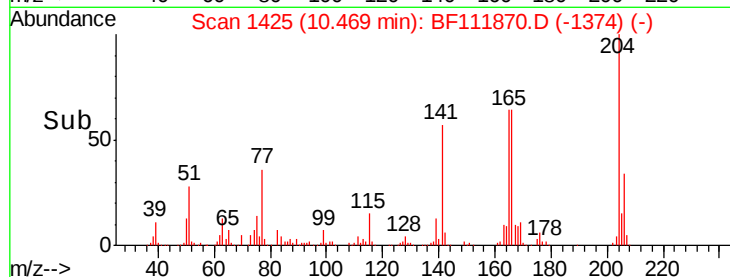
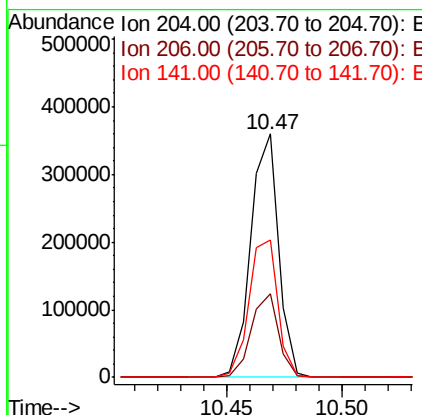
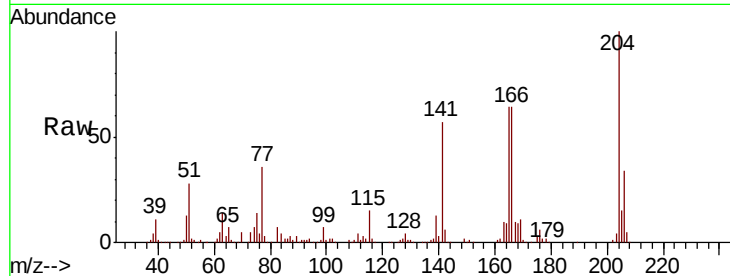




#61
4-Chlorophenyl-phenylether
Concen: 25.551 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

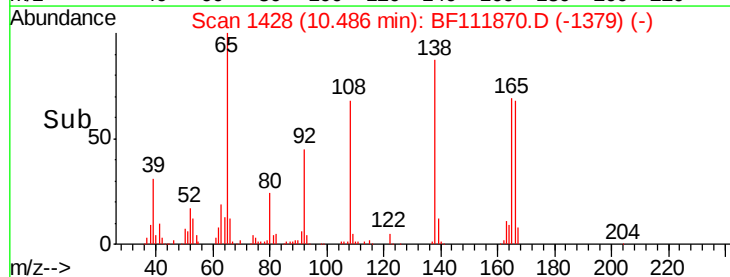
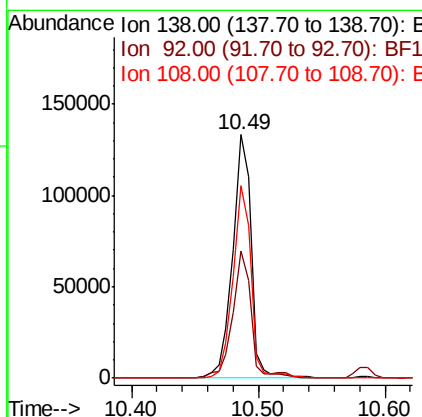
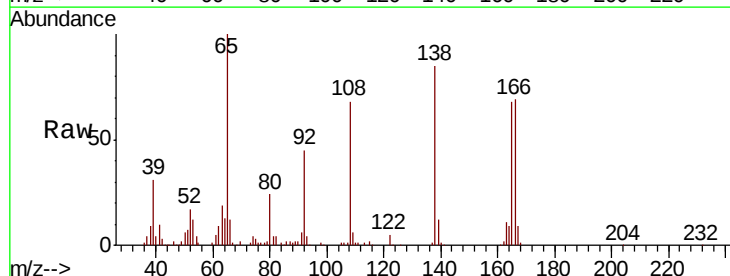
Instrument :
BNA_F
ClientSampled :

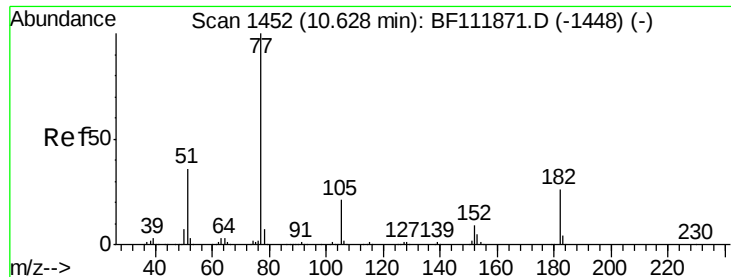
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.9	40.3
141	56.6	47.9	71.9



#62
4-Nitroaniline
Concen: 27.057 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	31.0	71.0
108	79.0	54.7	94.7





#63

Azobenzene

Concen: 21.867 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 517835

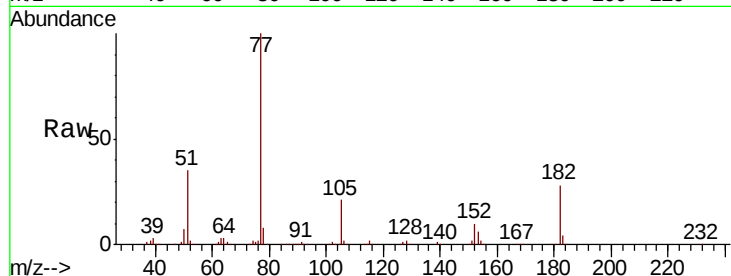
Ion Ratio Lower Upper

77 100

182 27.5 5.7 45.7

105 20.6 0.8 40.8

51 35.2 15.6 55.6

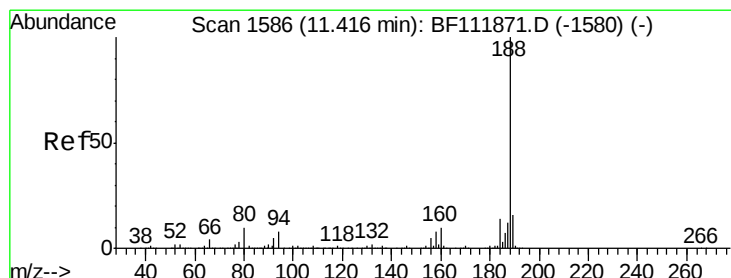
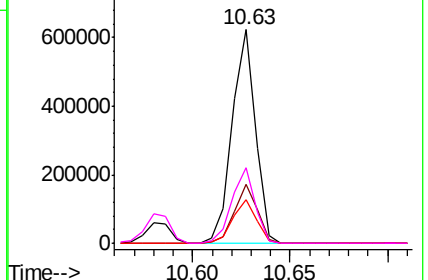
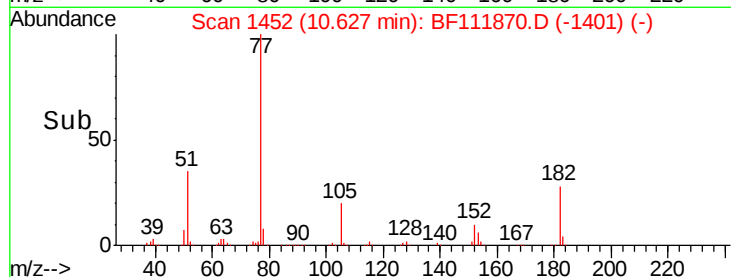


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

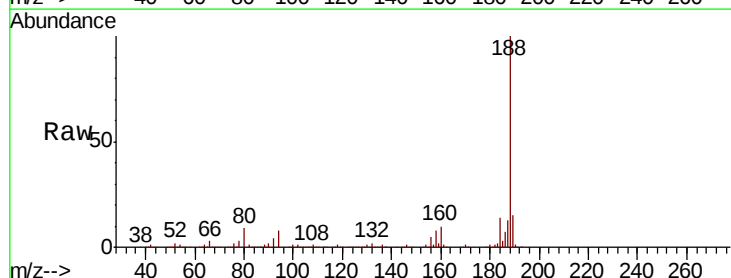
Tgt Ion: 188 Resp: 557292

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

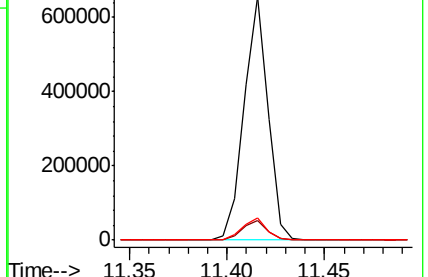
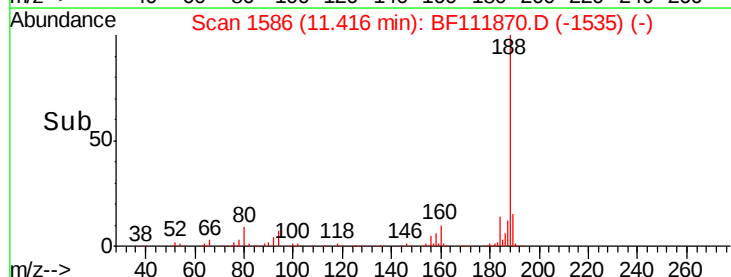
80 8.9 7.7 11.5

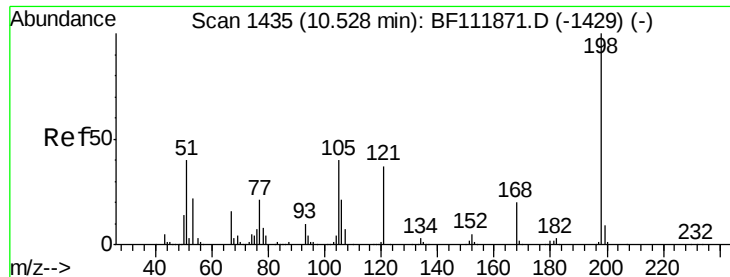


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.814 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

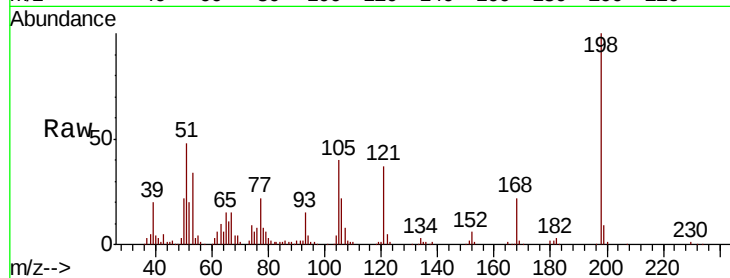
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 93295

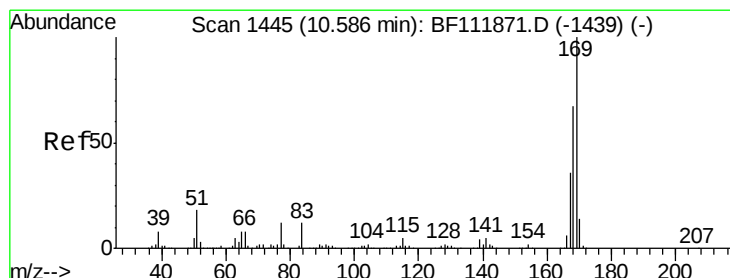
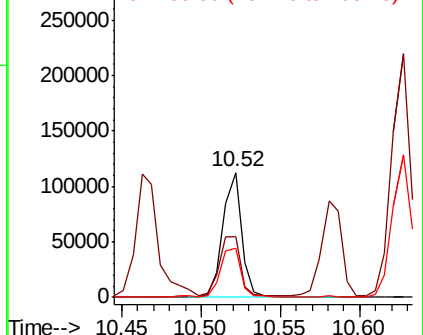
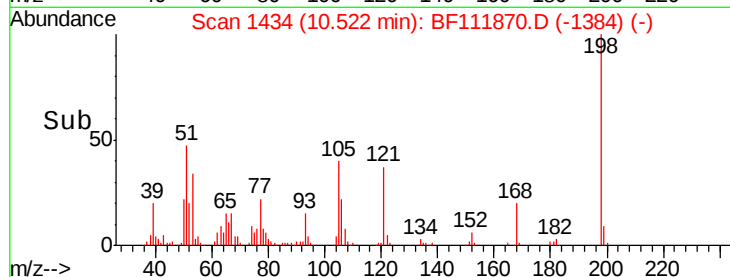
Ion	Ratio	Lower	Upper
198	100		
51	48.1	27.2	67.2
105	39.6	21.0	61.0



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: 26.151 ng

RT: 10.59 min Scan# 1445

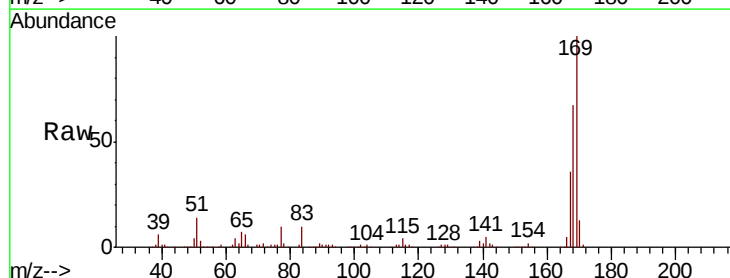
Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Tgt Ion:169 Resp: 489210

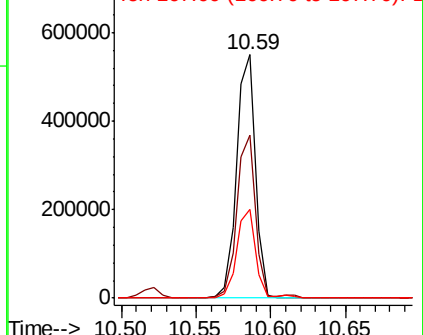
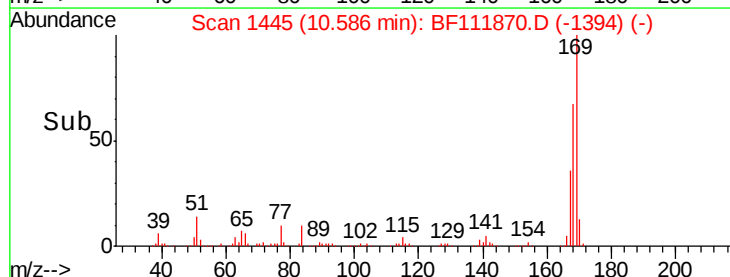
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.8	80.6
167	36.2	29.1	43.7

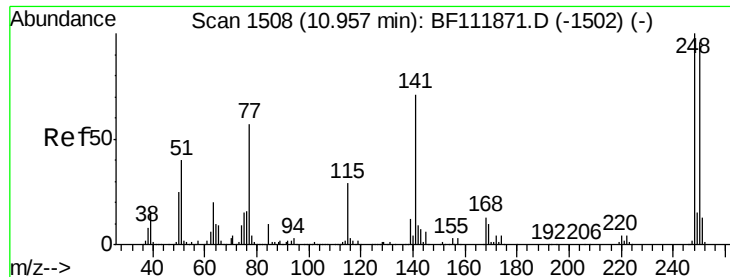


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

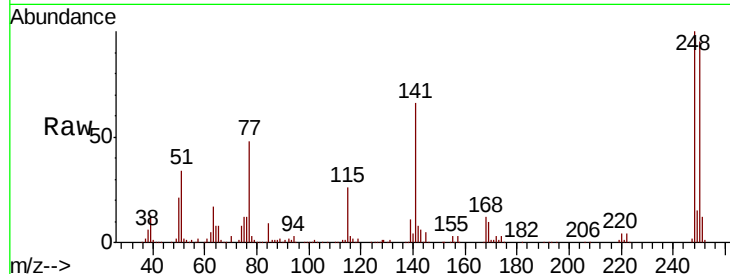




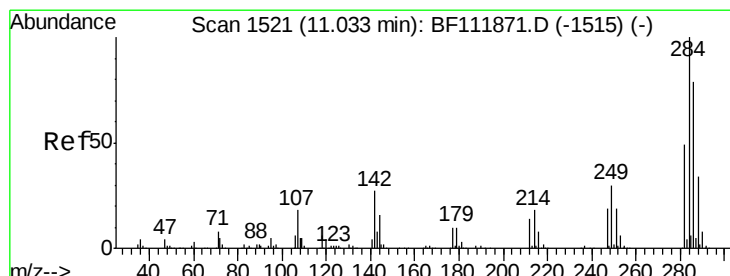
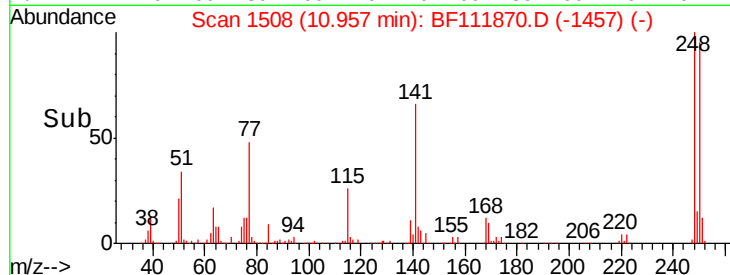
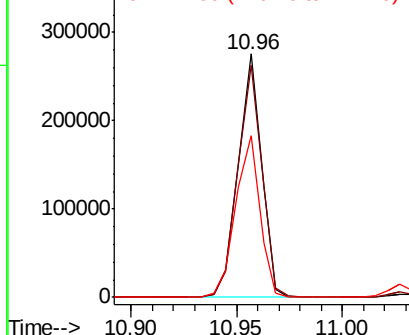
#67
4-Bromophenyl-phenylether
Concen: 30.594 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 211475
Ion Ratio Lower Upper
248 100
250 95.5 76.8 115.2
141 66.3 57.0 85.6

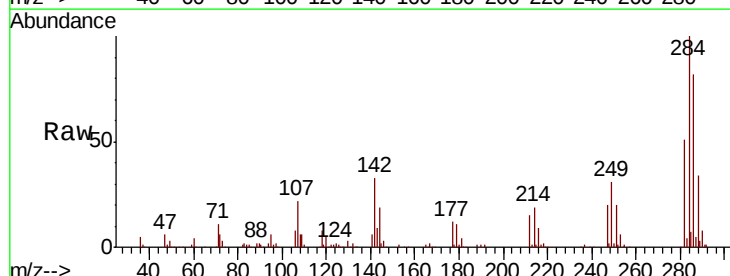


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

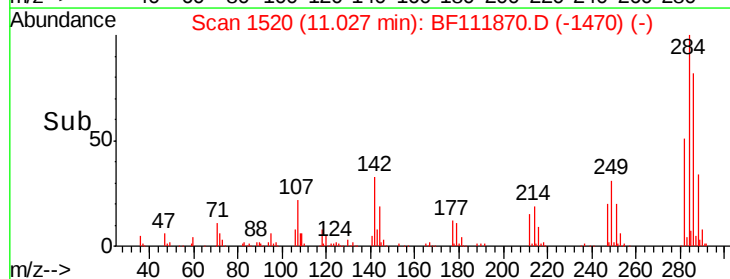
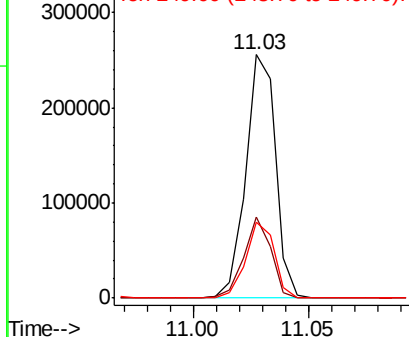


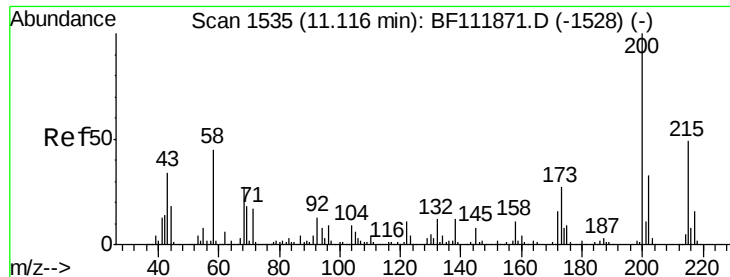
#68
Hexachlorobenzene
Concen: 30.041 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:284 Resp: 231524
Ion Ratio Lower Upper
284 100
142 33.0 21.8 32.6#
249 31.0 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 29.396 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

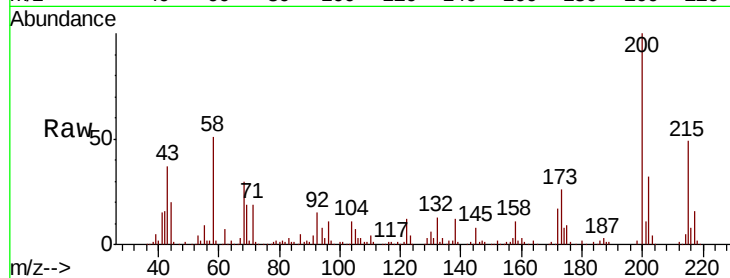
Tot Ion:200 Resp: 191043

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

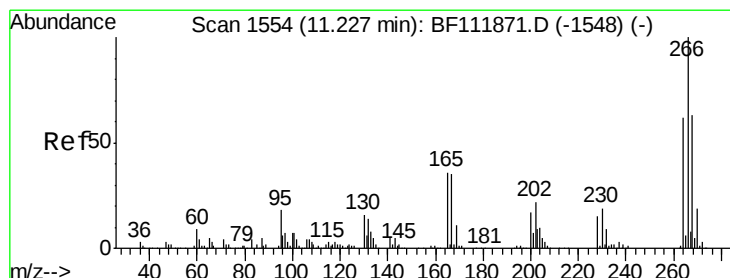
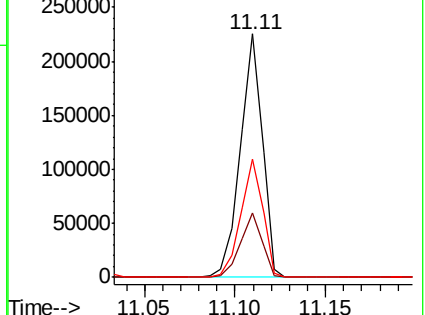
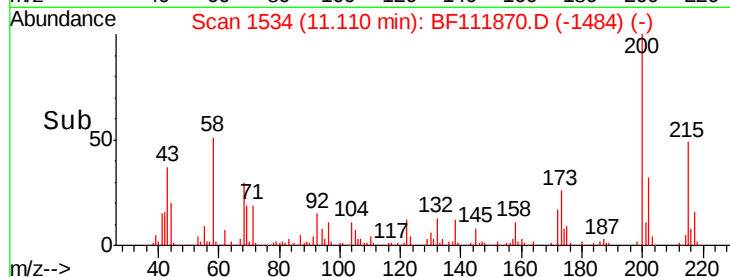
215 48.7 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 26.062 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

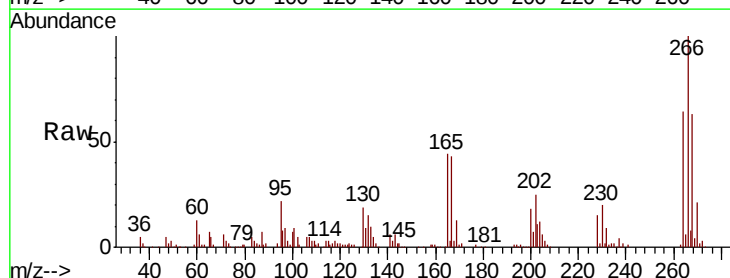
Tgt Ion:266 Resp: 124174

Ion Ratio Lower Upper

266 100

268 62.7 50.6 76.0

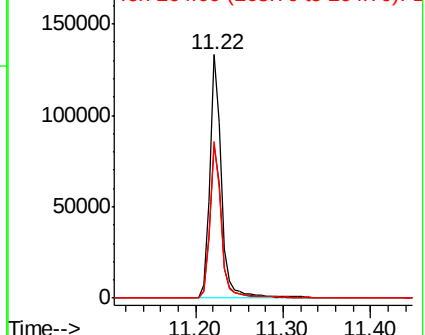
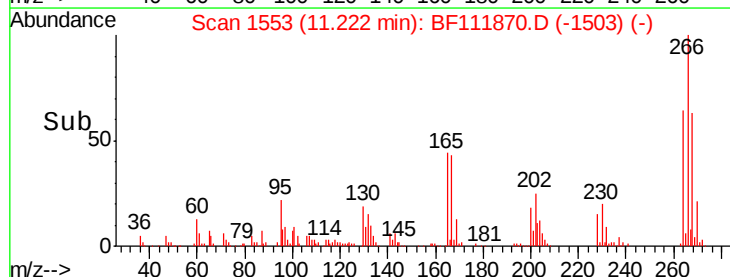
264 64.4 49.3 73.9

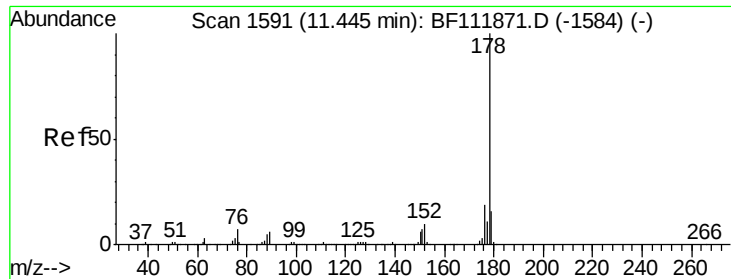


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 27.982 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

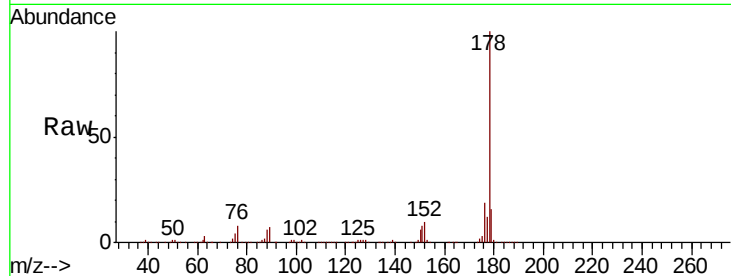
Tot Ion:178 Resp: 827005

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

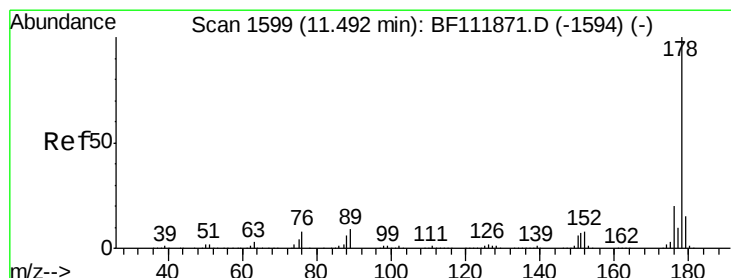
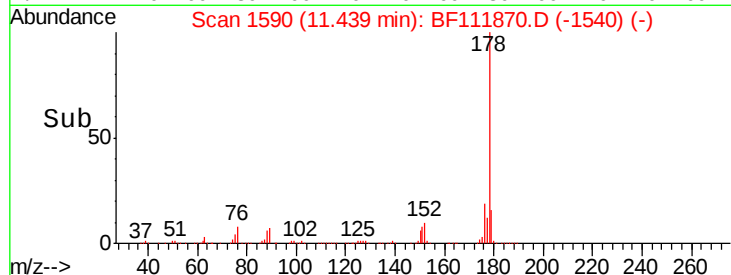
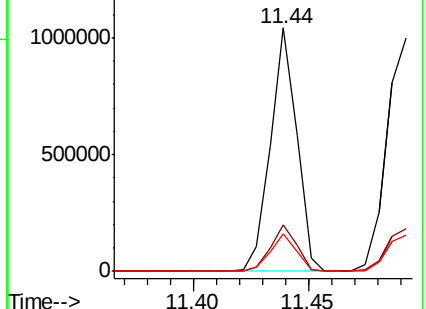
179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 28.974 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

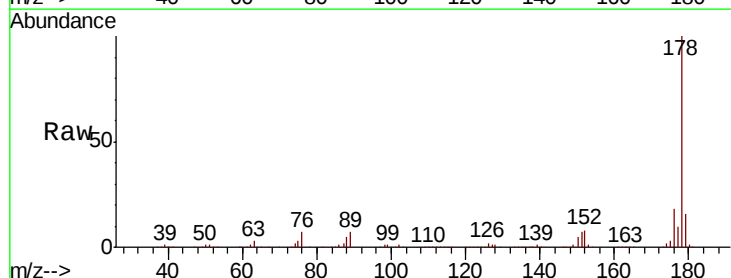
Tgt Ion:178 Resp: 859527

Ion Ratio Lower Upper

178 100

176 18.4 15.7 23.5

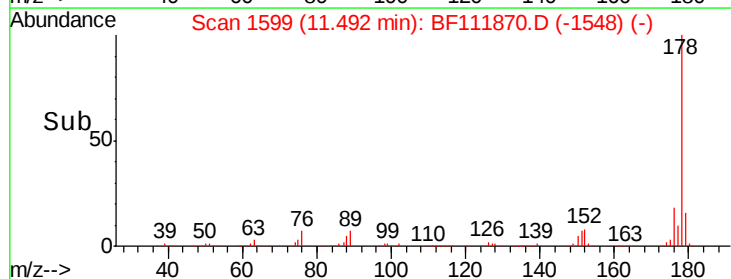
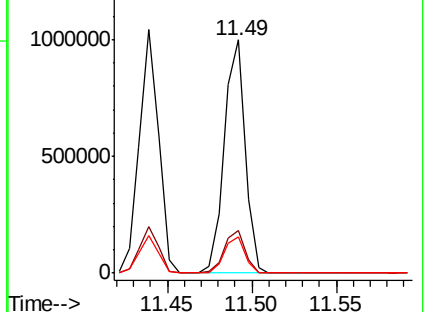
179 15.8 12.4 18.6

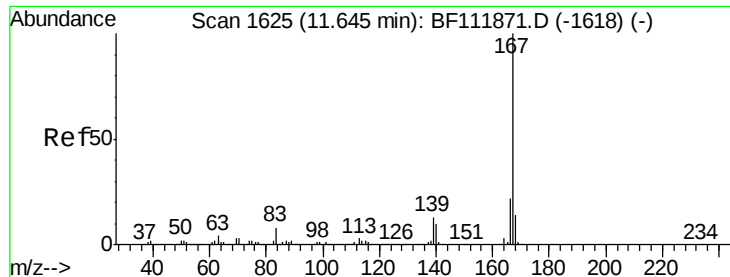


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

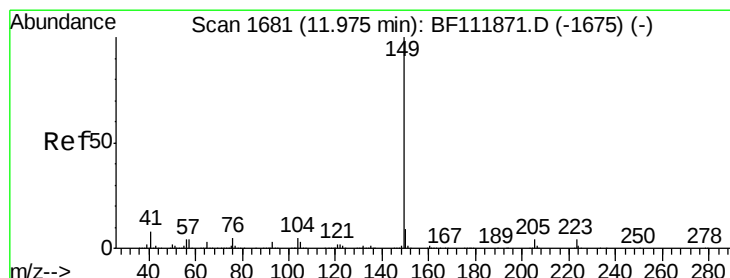
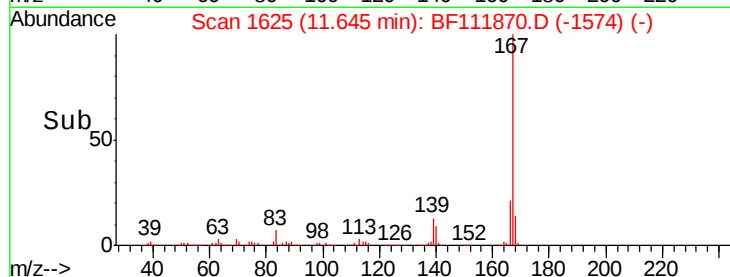
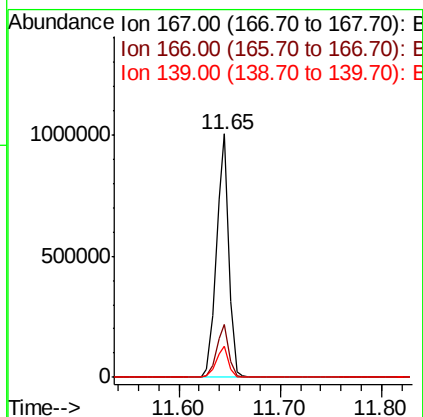
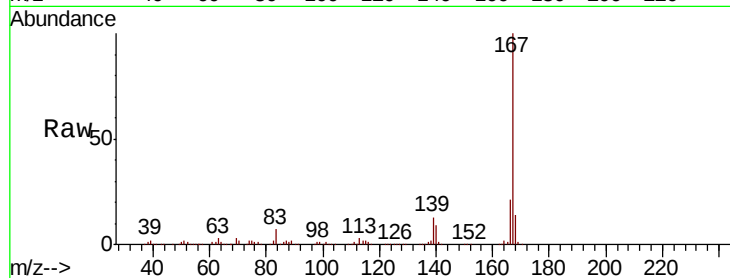




#73
 Carbazole
 Concen: 29.229 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

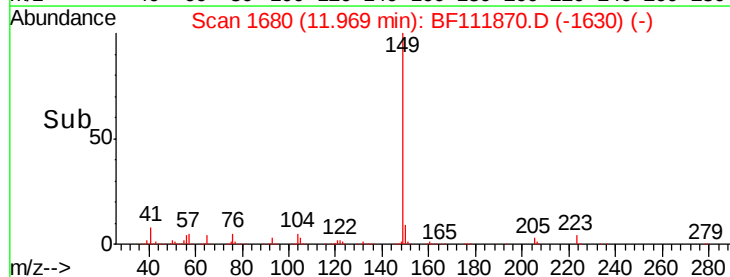
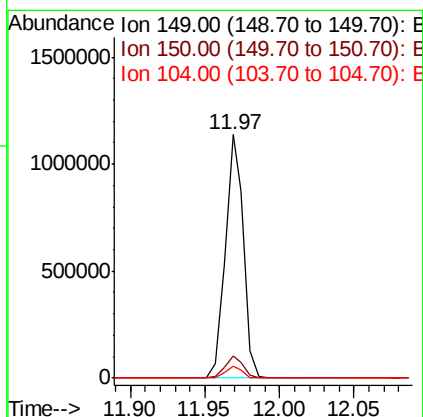
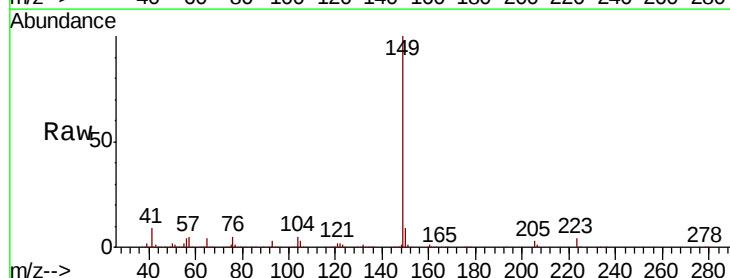
Instrument :
 BNA_F
 ClientSampleId :

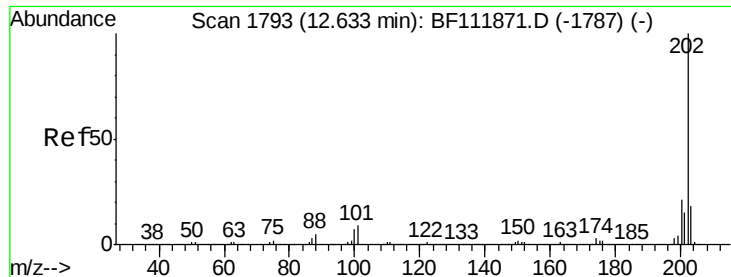
Tot Ion:167 Resp: 841836
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 30.058 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion:149 Resp: 970649
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.8 3.9 5.9

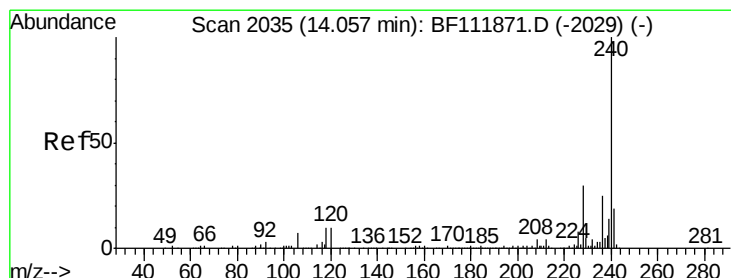
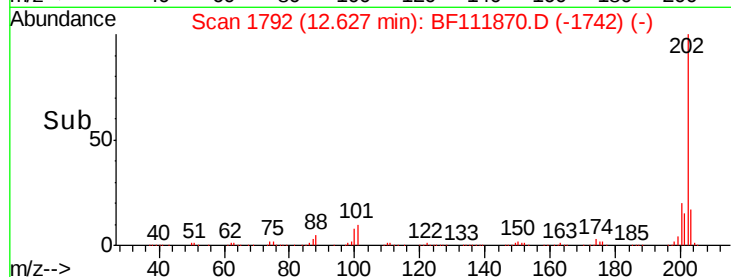
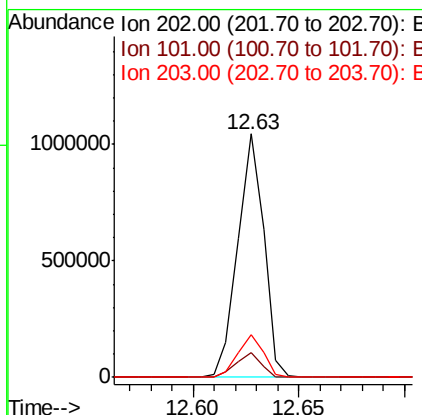
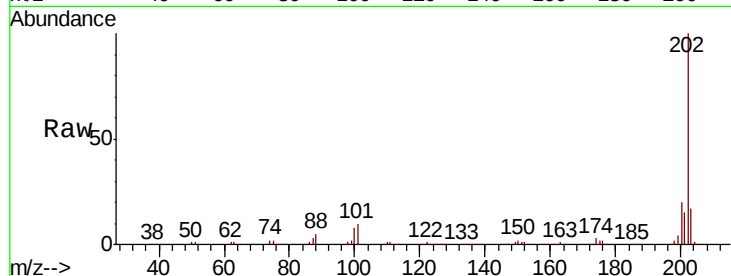




#75
 Fluoranthene
 Concen: 29.641 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

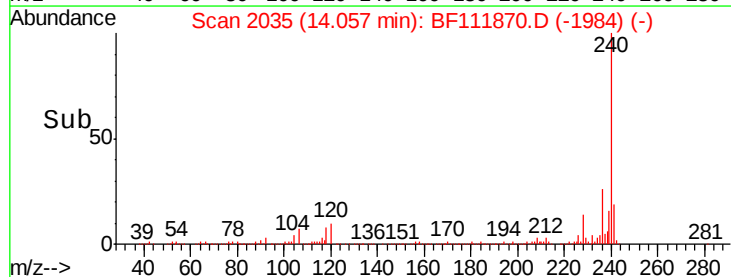
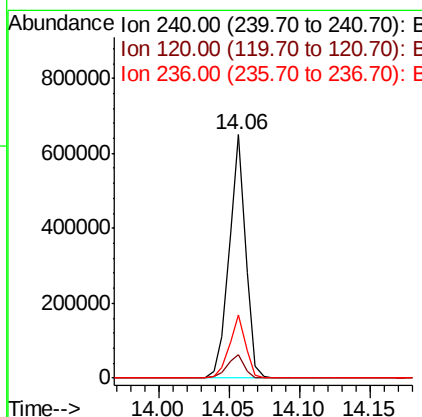
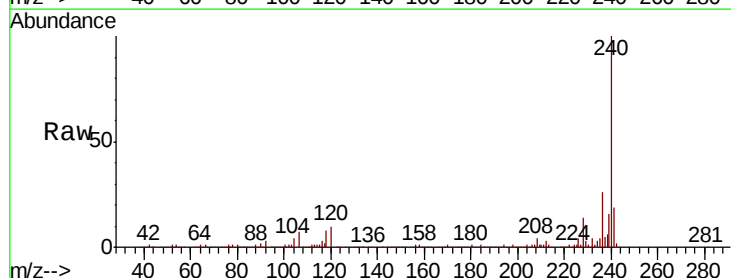
Instrument :
 BNA_F
 ClientSampled :

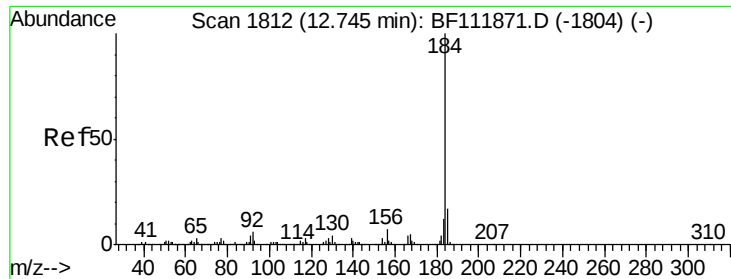
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.3
203	17.4	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111870.D
 Acq: 7 Jan 2019 11:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	25.9	20.2	30.4





#77

Benzidine

Concen: 20.401 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

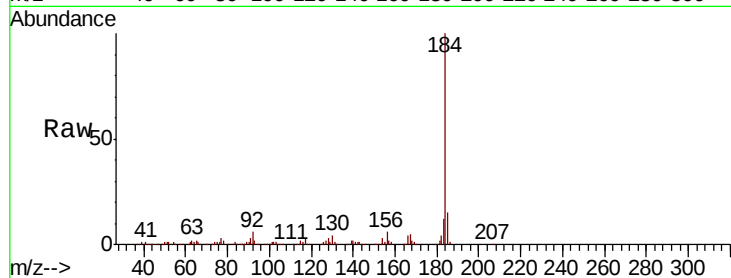
Tot Ion:184 Resp: 404136

Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.0
183	11.8	9.6	14.4

184 100

185 15.2 13.4 20.0

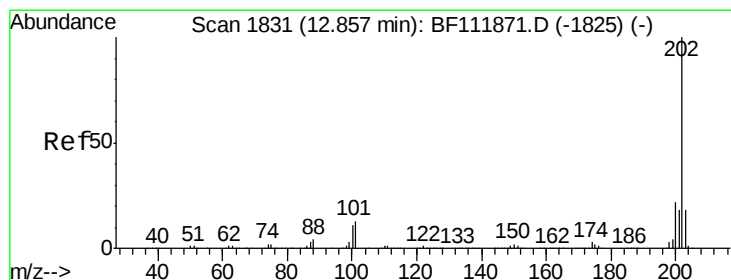
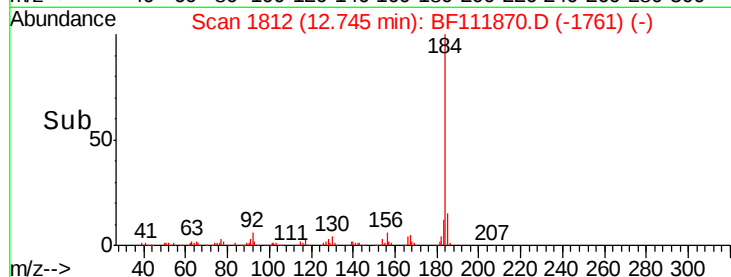
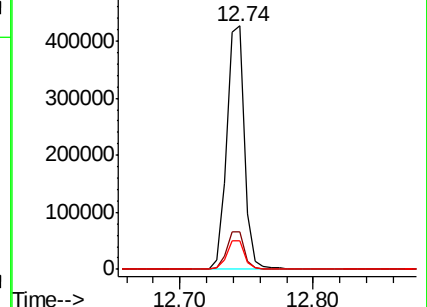
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 24.696 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

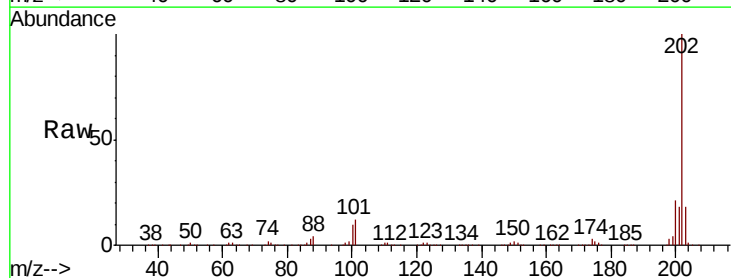
Tgt Ion:202 Resp: 918103

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.6	21.8

202 100

200 21.5 17.4 26.2

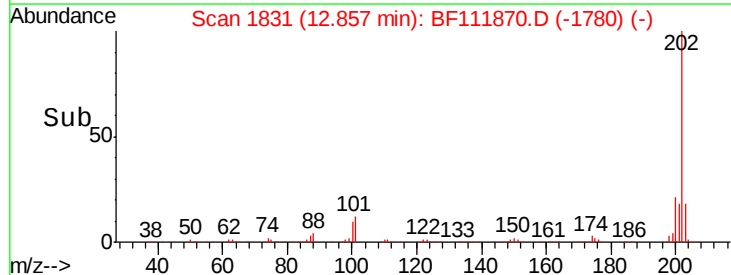
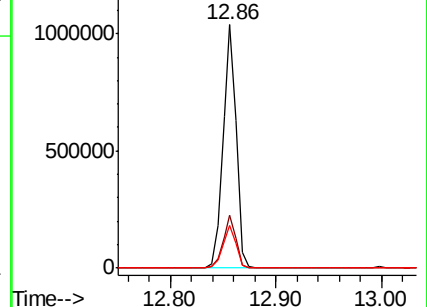
203 17.6 14.6 21.8

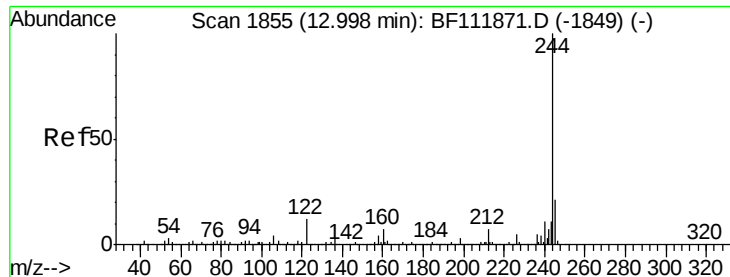


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.864 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

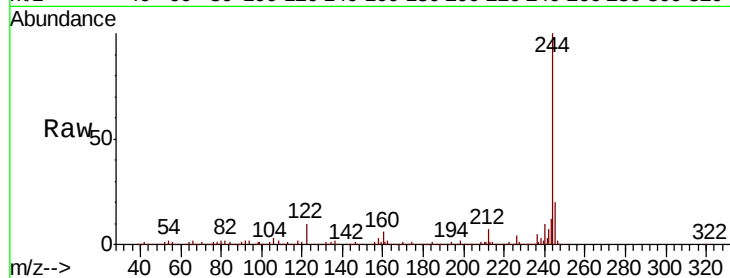
Tot Ion:244 Resp: 1412007

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

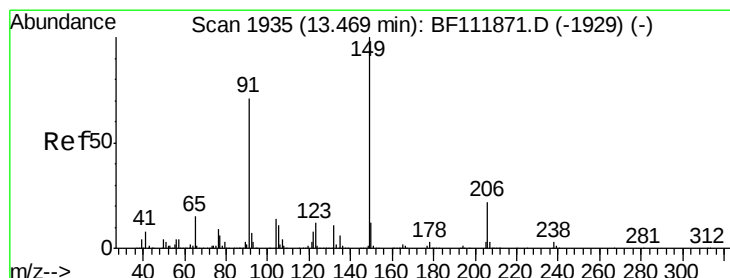
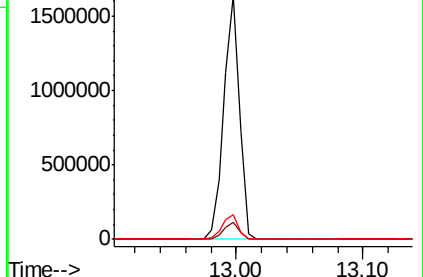
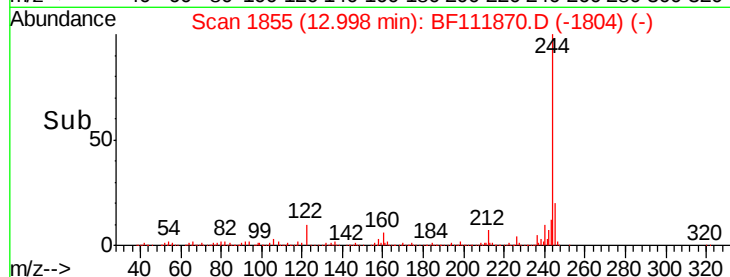
122 10.3 9.5 14.3



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



#80

Butylbenzylphthalate

Concen: 25.753 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

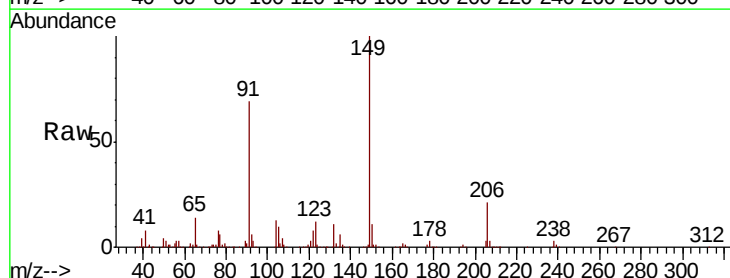
Tgt Ion:149 Resp: 390268

Ion Ratio Lower Upper

149 100

91 69.1 57.2 85.8

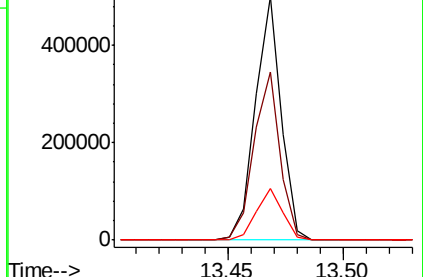
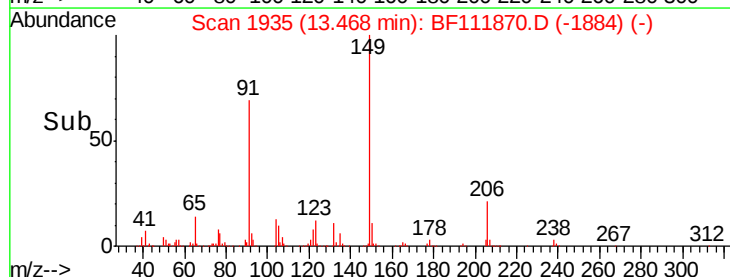
206 21.2 17.3 25.9

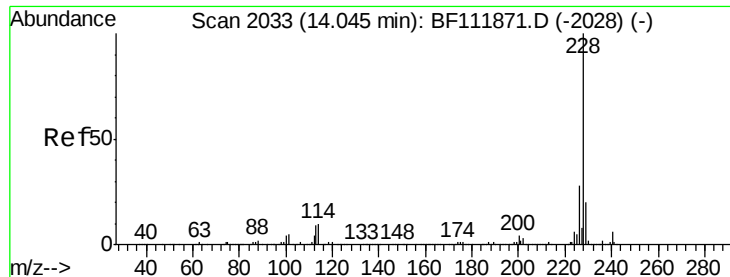


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.730 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

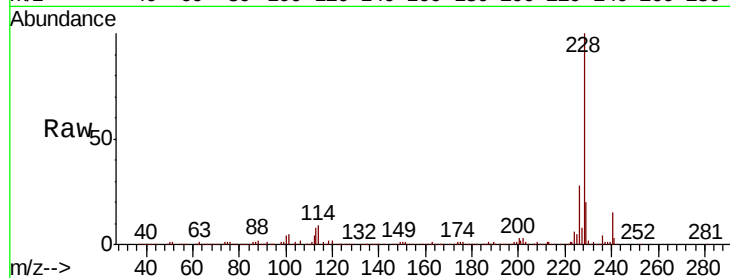
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 773036

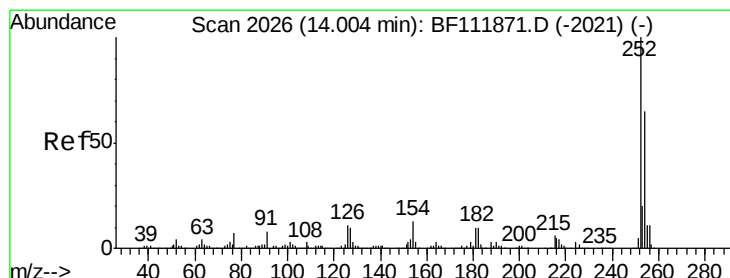
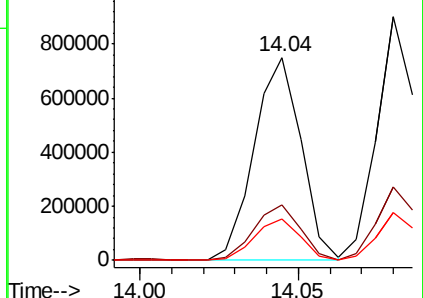
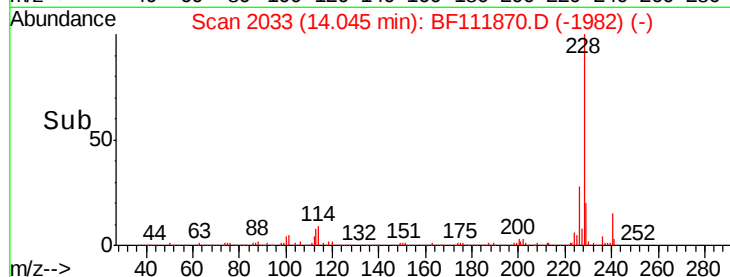
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.2	16.2	24.2



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



#82

3,3'-Dichlorobenzidine

Concen: 25.916 ng

RT: 14.00 min Scan# 2026

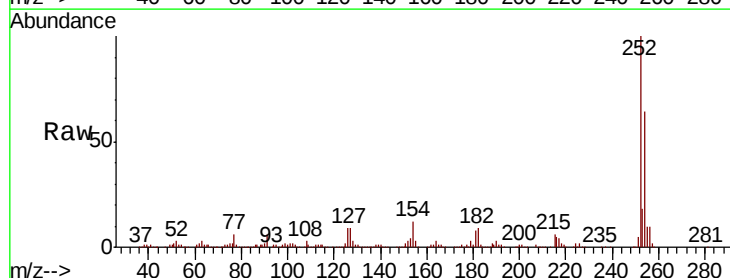
Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Tgt Ion:252 Resp: 307638

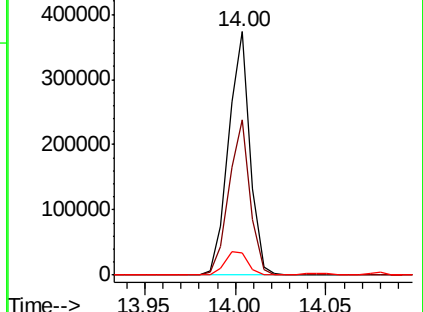
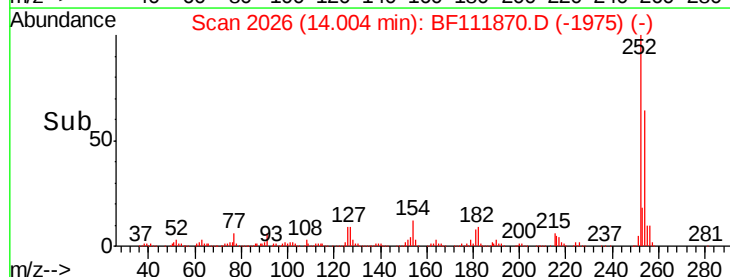
Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.1	78.1
126	9.3	8.6	12.8

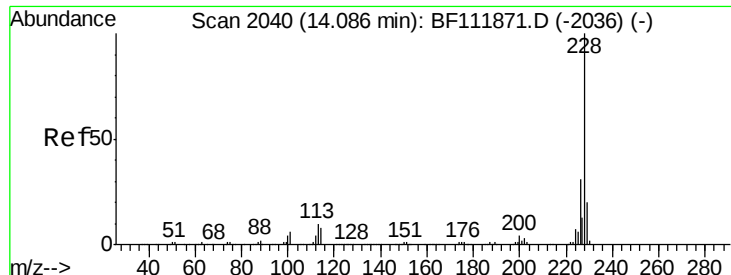


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.288 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

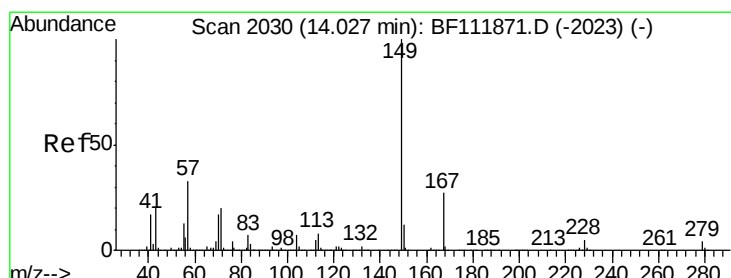
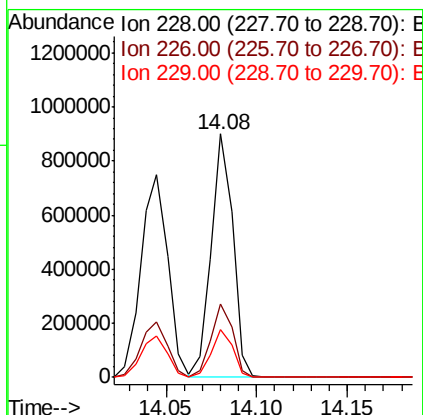
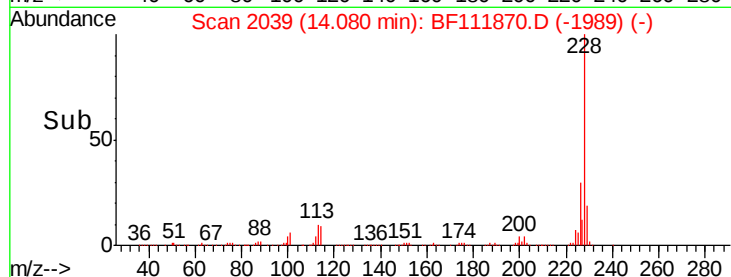
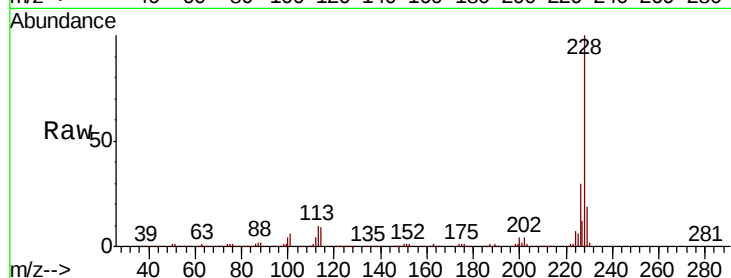
Instrument :

BNA_F

ClientSampleID :

Tot Ion:228 Resp: 746732

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	19.5	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.153 ng

RT: 14.03 min Scan# 2030

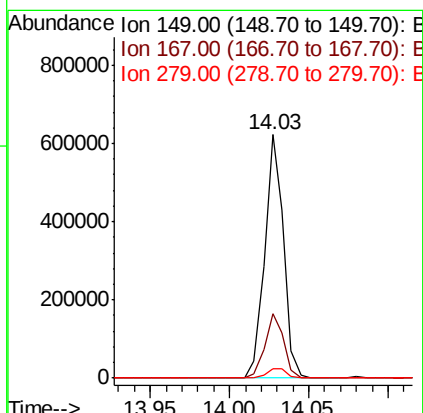
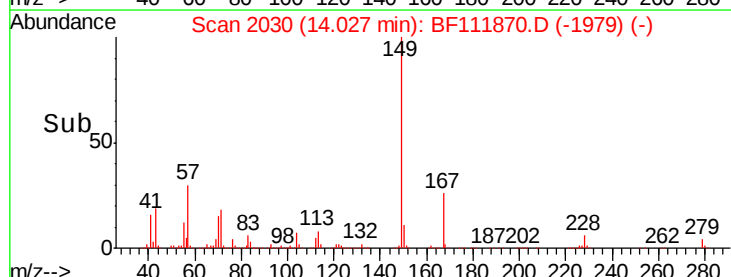
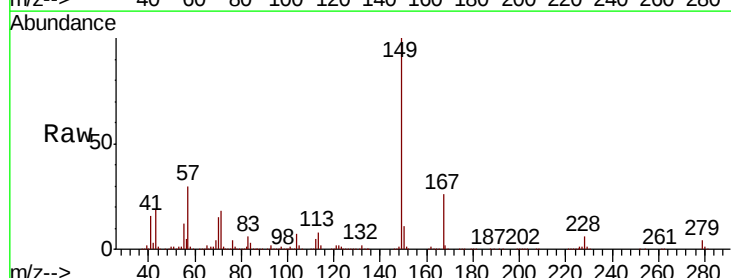
Delta R.T. -0.00 min

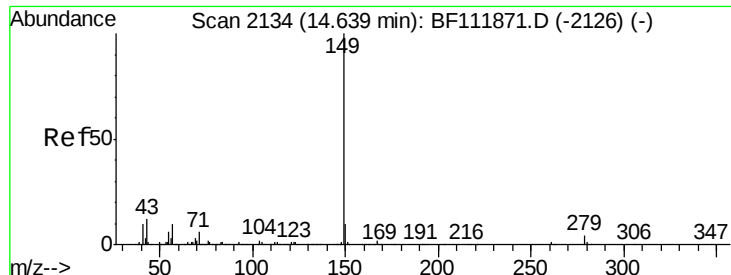
Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Tgt Ion:149 Resp: 518315

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.5	32.3
279	3.9	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 25.328 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

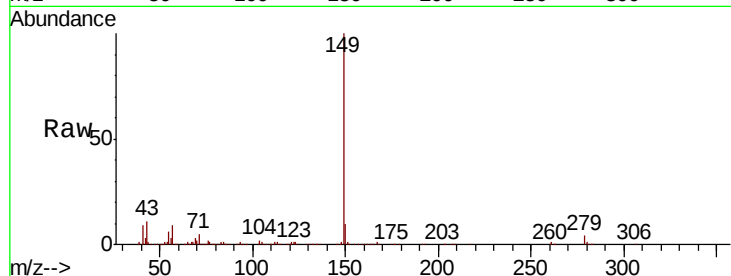
Tot Ion:149 Resp: 749056

Ion Ratio Lower Upper

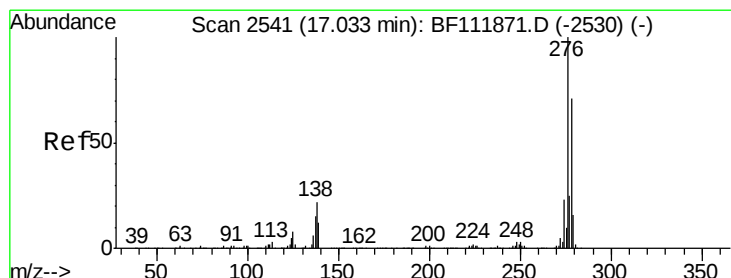
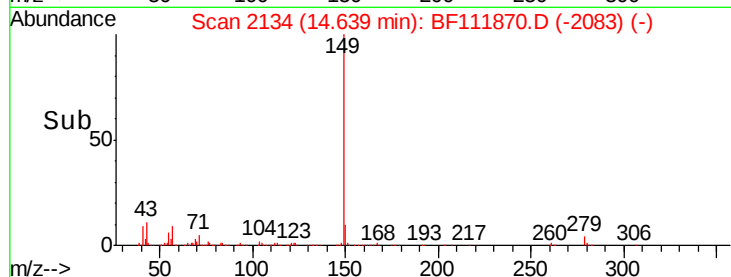
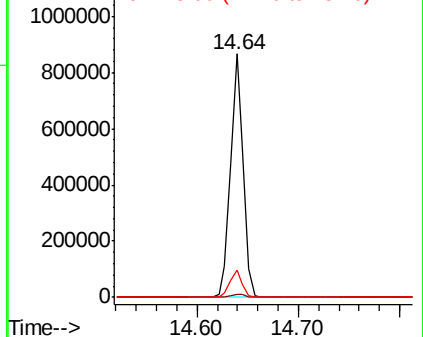
149 100

167 1.4 1.3 1.9

43 11.0 9.1 13.7



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: 19.923 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

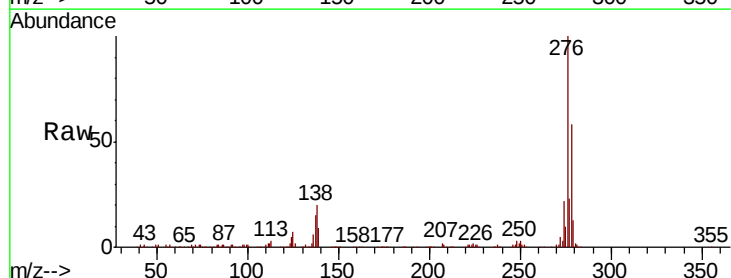
Tgt Ion:276 Resp: 500119

Ion Ratio Lower Upper

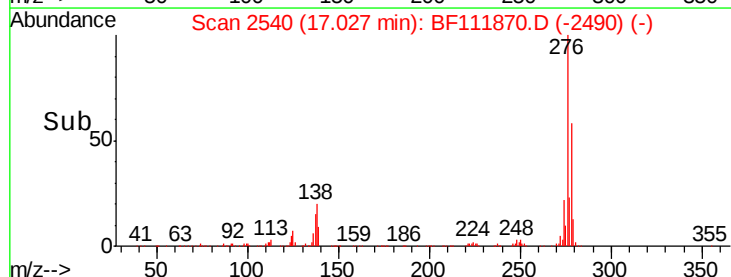
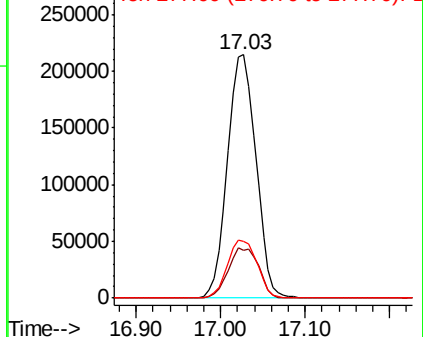
276 100

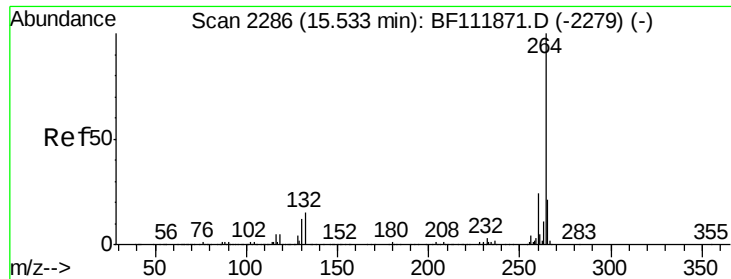
138 22.1 18.1 27.1

277 24.8 19.9 29.9



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

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

Instrument :

BNA_F

ClientSampleId :

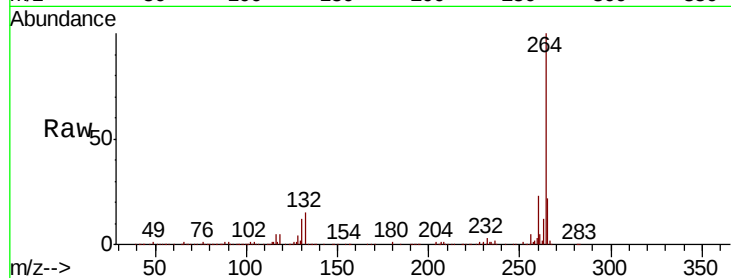
Tot Ion:264 Resp: 394471

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 17.1 25.7

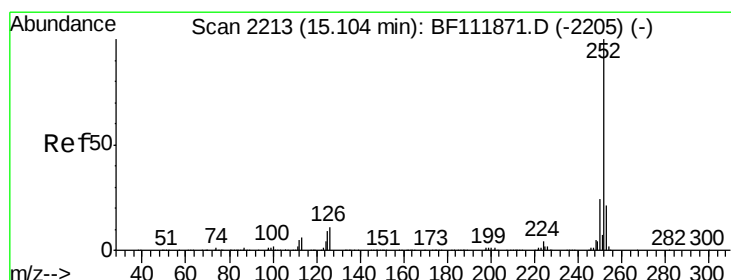
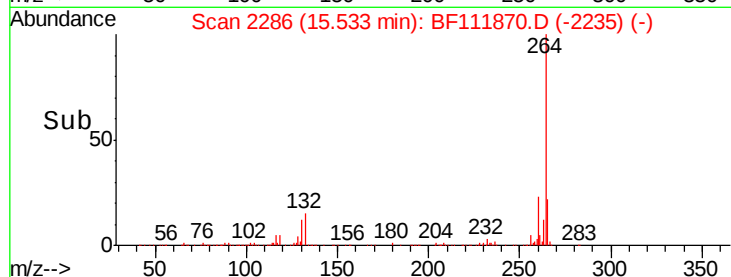
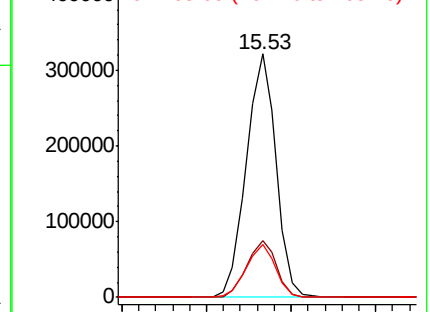


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 27.721 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF111870.D

Acq: 7 Jan 2019 11:22

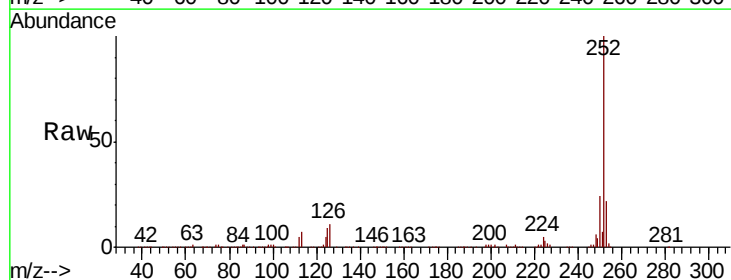
Tgt Ion:252 Resp: 639089

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 8.8 7.1 10.7

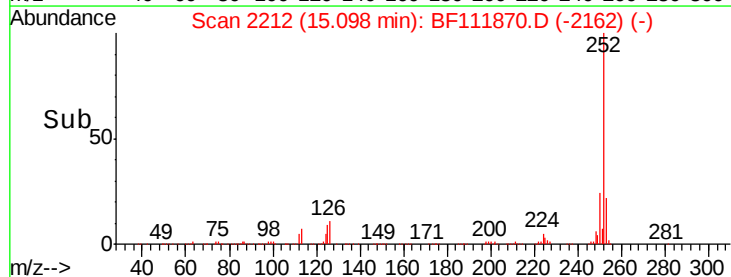
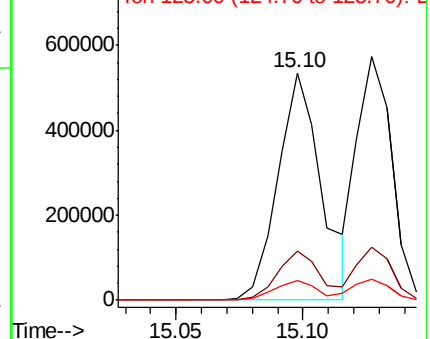


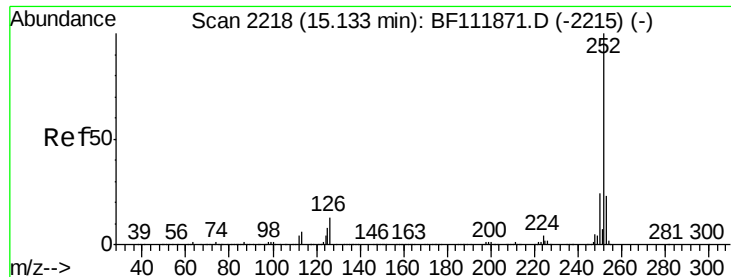
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

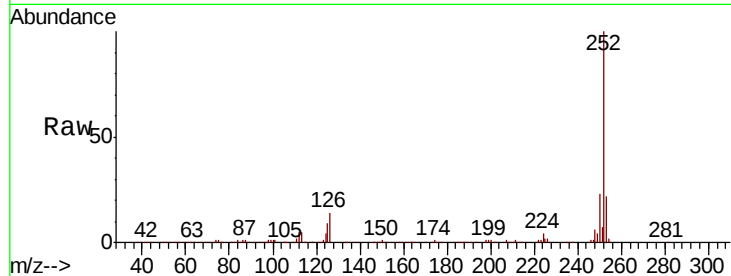




#89
Benzo(k)fluoranthene
Concen: 25.241 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.7	7.0	10.4

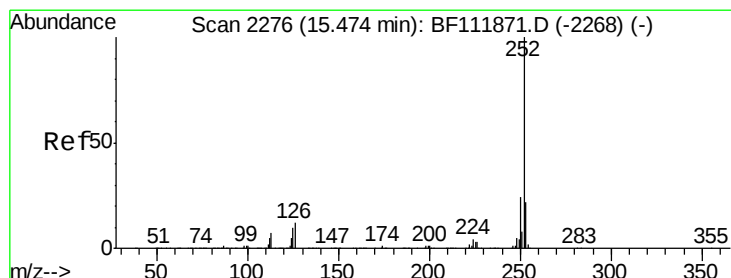
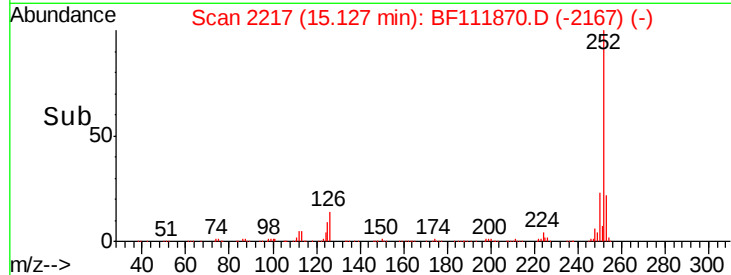
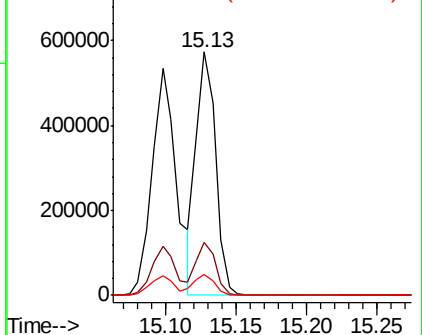


Abundance

Ion 252.00 (251.70 to 252.70): E

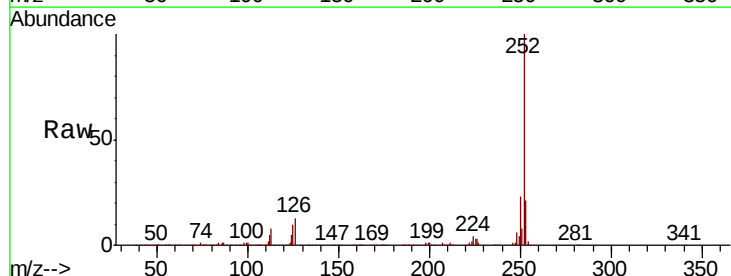
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 25.519 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	9.9	7.9	11.9

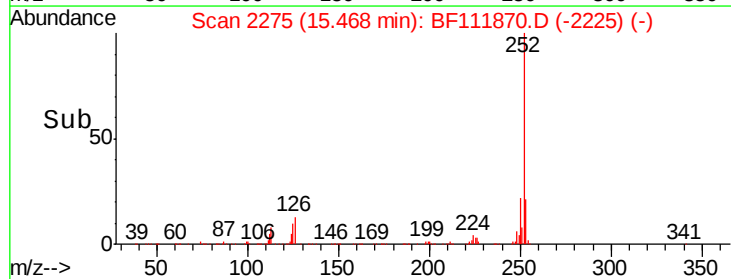
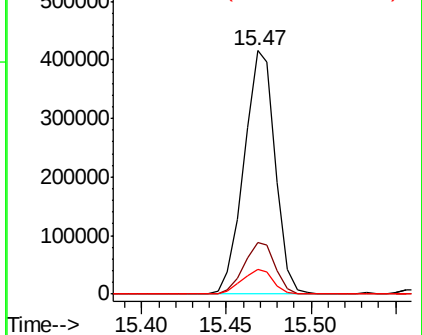


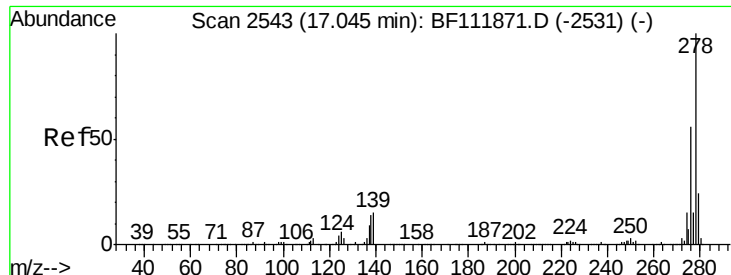
Abundance

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



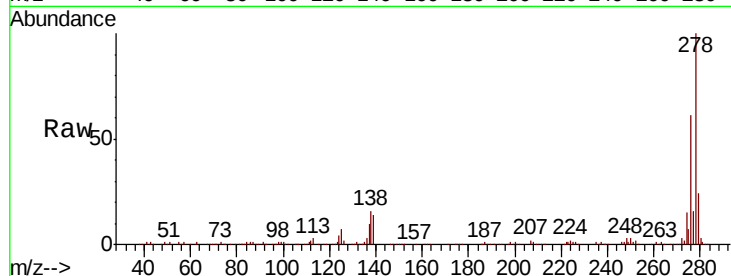


#91
Dibenzo(a,h)anthracene
Concen: 22.778 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

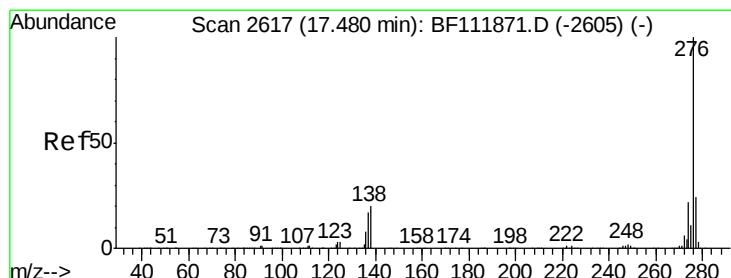
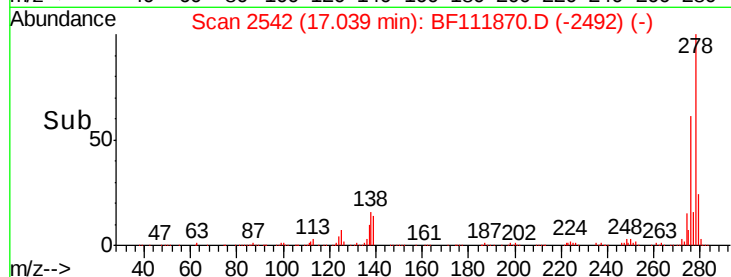
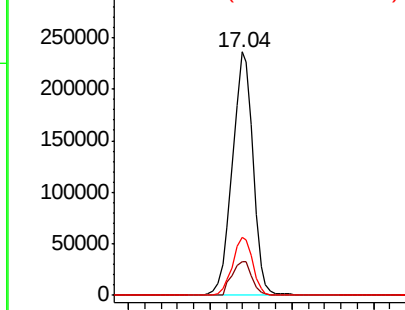
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 417780

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.8	17.6
279	23.7	19.4	29.2



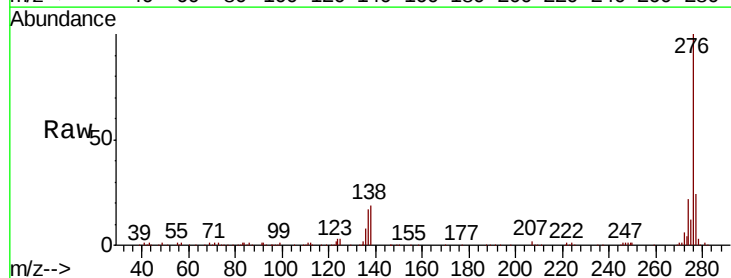
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 22.905 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF111870.D
Acq: 7 Jan 2019 11:22

Tgt Ion:276 Resp: 410214

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	19.2	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

