

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111868.D
 Acq On : 7 Jan 2019 10:29
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 12:23:29 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	168078	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	670694	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	475628	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	938228	20.00	ng	0.00
76) Chrysene-d12	14.05	240	855404	20.00	ng	0.00
87) Perylene-d12	15.53	264	731866	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	56111	5.69	ng	0.00
7) Phenol-d6	6.52	99	74178	5.91	ng	-0.01
23) Nitrobenzene-d5	7.44	82	63042	5.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	33178	5.90	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	183825	5.63	ng	0.00
79) Terphenyl-d14	12.99	244	257066	5.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	13294	2.865	ng	89
3) Pyridine	3.47	79	27014	2.235	ng	95
4) n-Nitrosodimethylamine	3.38	42	14712	2.487	ng	# 94
6) Aniline	6.55	93	46249	2.891	ng	# 67
8) 2-Chlorophenol	6.67	128	30360	2.779	ng	87
9) Benzaldehyde	6.43	77	26264	3.043	ng	96
10) Phenol	6.53	94	40411	2.854	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	31222	2.943	ng	98
12) 1,3-Dichlorobenzene	6.83	146	34569	2.731	ng	96
13) 1,4-Dichlorobenzene	6.90	146	35677	2.779	ng	99
14) 1,2-Dichlorobenzene	7.06	146	32868	2.744	ng	96
15) Benzyl Alcohol	7.02	79	25650	2.574	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	49695	2.543	ng	95
17) 2-Methylphenol	7.14	107	22907	2.619	ng	97
18) Hexachloroethane	7.40	117	12030	2.781	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	22523	2.703	ng	93
20) 3+4-Methylphenols	7.30	107	29811	2.697	ng	# 73
22) Acetophenone	7.29	105	44895	2.642	ng	# 96
24) Nitrobenzene	7.46	77	31642	2.620	ng	94
25) Isophorone	7.70	82	51716	2.528	ng	98
26) 2-Nitrophenol	7.78	139	14296	2.919	ng	94
27) 2,4-Dimethylphenol	7.82	122	23197	2.403	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	34781	2.555	ng	97
29) 2,4-Dichlorophenol	8.03	162	26632	2.565	ng	93
30) 1,2,4-Trichlorobenzene	8.11	180	31008	2.679	ng	97
31) Naphthalene	8.19	128	86939	2.698	ng	99
32) Benzoic acid	7.89	122	8647	1.355	ng	# 85
33) 4-Chloroaniline	8.24	127	36054	2.588	ng	96
34) Hexachlorobutadiene	8.32	225	19910	2.823	ng	98
35) Caprolactam	8.56	113	8840	2.512	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	29516	2.891	ng	100
37) 2-Methylnaphthalene	8.88	142	68442	3.264	ng	97
38) 1-Methylnaphthalene	8.98	142	68692	3.411	ng	93
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	40034	2.562	ng	97

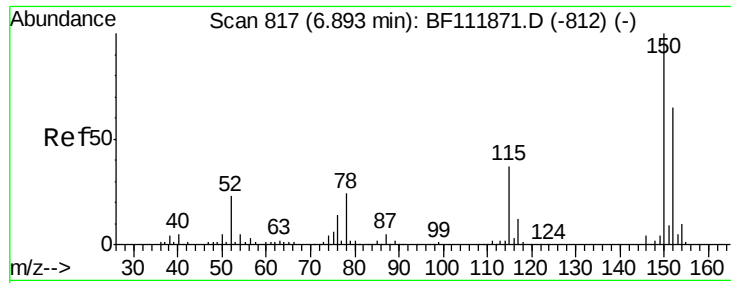
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	14180	1.870	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	24164	2.316	ng	94
44) 2,4,5-Trichlorophenol	9.21	196	26292	2.456	ng	97
46) 1,1'-Biphenyl	9.35	154	109689	2.732	ng	96
47) 2-Chloronaphthalene	9.37	162	85256	2.680	ng	97
48) 2-Nitroaniline	9.46	65	23386	2.826	ng	99
49) Acenaphthylene	9.79	152	128076	2.758	ng	98
50) Dimethylphthalate	9.63	163	96883	2.785	ng	100
51) 2,6-Dinitrotoluene	9.70	165	19644	2.832	ng	95
52) Acenaphthene	9.96	154	82047	2.864	ng	99
53) 3-Nitroaniline	9.87	138	21453	2.900	ng	97
54) 2,4-Dinitrophenol	9.98	184	4085	2.183	ng	88
55) Dibenzofuran	10.13	168	124123	2.868	ng	99
56) 4-Nitrophenol	10.05	139	13664	2.421	ng	96
57) 2,4-Dinitrotoluene	10.10	165	24965	2.995	ng	99
58) Fluorene	10.47	166	92450	2.965	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	22802	2.531	ng	99
60) Diethylphthalate	10.34	149	97178	2.848	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	52100	3.024	ng	96
62) 4-Nitroaniline	10.47	138	20442	2.844	ng	95
63) Azobenzene	10.62	77	94394	2.756	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	9638	2.750	ng	79
66) n-Nitrosodiphenylamine	10.58	169	86734	2.754	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	31837	2.736	ng	98
68) Hexachlorobenzene	11.03	284	36118	2.784	ng	95
69) Atrazine	11.10	200	29124	2.662	ng	99
70) Pentachlorophenol	11.22	266	12490	1.557	ng	94
71) Phenanthrene	11.43	178	142959	2.873	ng	97
72) Anthracene	11.49	178	140847	2.820	ng	97
73) Carbazole	11.64	167	136720	2.820	ng	96
74) Di-n-butylphthalate	11.97	149	152689	2.809	ng	99
75) Fluoranthene	12.62	202	143548	2.849	ng	97
77) Benzidine	12.74	184	89995	2.796	ng	95
78) Pyrene	12.85	202	150771	2.496	ng	96
80) Butylbenzylphthalate	13.46	149	59695	2.424	ng	99
81) Benzo(a)anthracene	14.04	228	136119	2.788	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	51950	2.693	ng	96
83) Chrysene	14.07	228	130694	2.724	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	81434	2.626	ng	99
85) Di-n-octyl phthalate	14.63	149	115794	2.410	ng	98
86) Indeno(1,2,3-cd)pyrene	17.02	276	87980	2.157	ng	99
88) Benzo(b)fluoranthene	15.12	252	106727	2.495	ng	98
89) Benzo(k)fluoranthene	15.12	252	106727	2.621	ng	99
90) Benzo(a)pyrene	15.46	252	101497	2.612	ng	98
91) Dibenzo(a,h)anthracene	17.03	278	70942	2.085	ng	95
92) Benzo(g,h,i)perylene	17.47	276	69161	2.081	ng	98

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

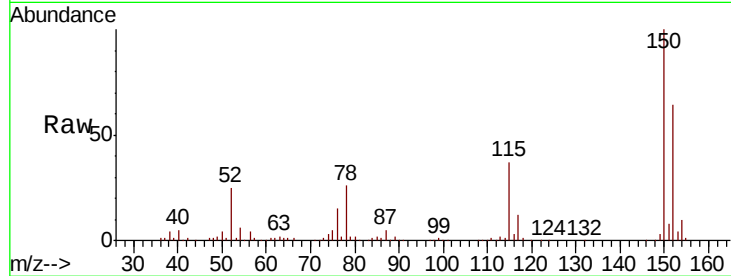


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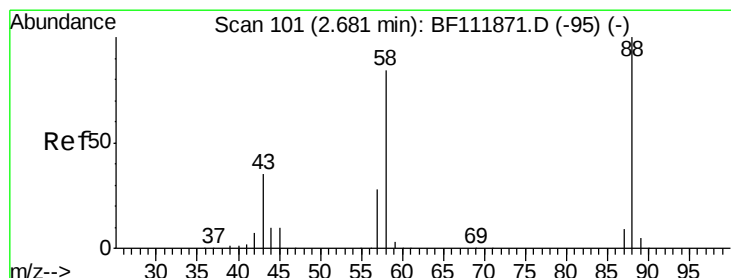
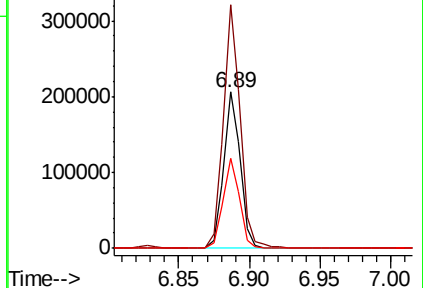
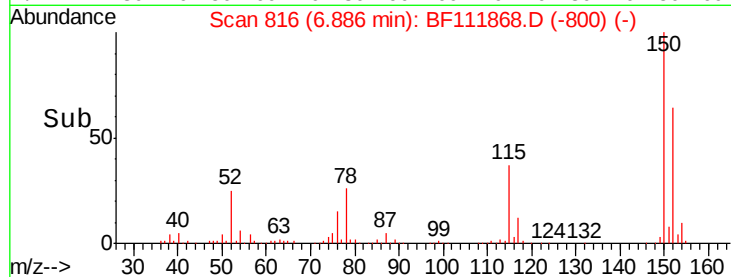
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168078
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 57.5 45.2 67.8



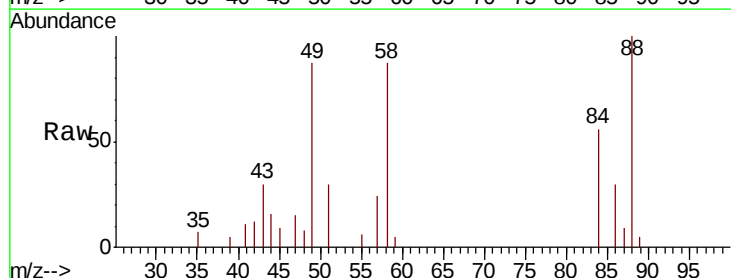
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



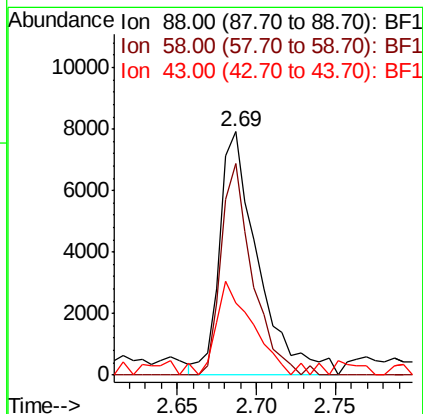
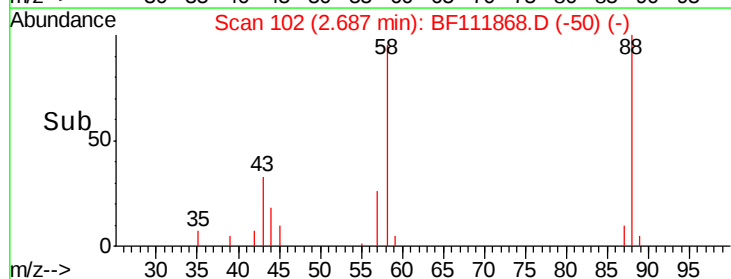
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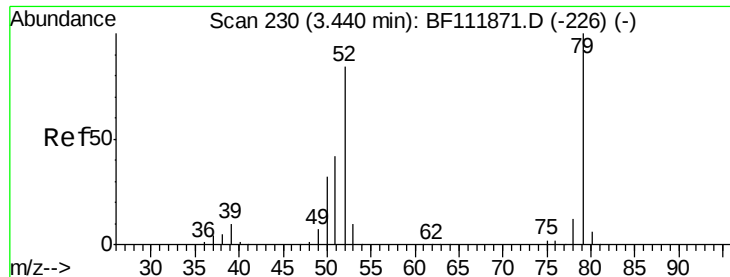
1,4-Dioxane
Concen: 2.865 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion: 88 Resp: 13294
Ion Ratio Lower Upper
88 100
58 71.1 67.6 101.4
43 35.5 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: 2.235 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.04 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

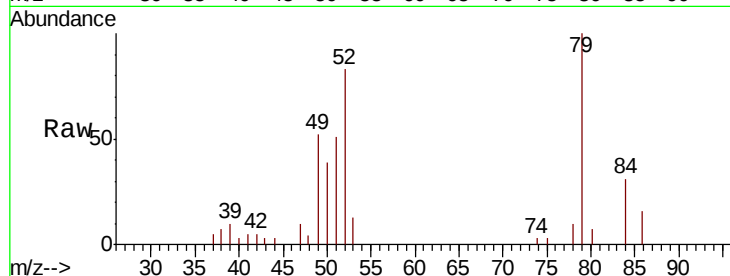
Tot Ion: 79 Resp: 27014

Ion Ratio Lower Upper

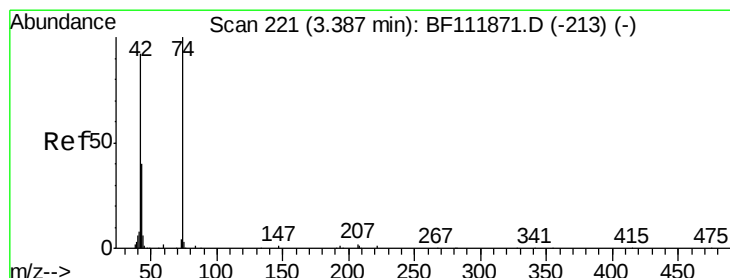
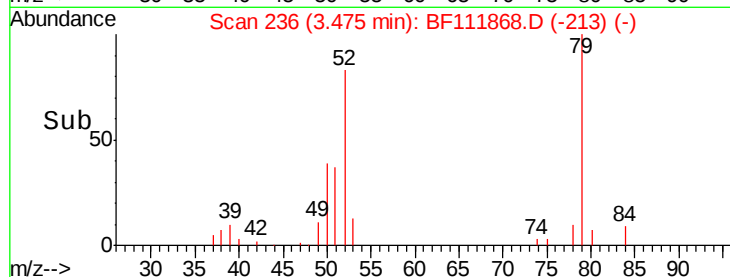
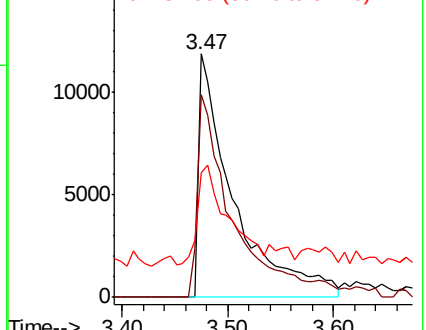
79 100

52 83.3 67.0 100.6

51 51.1 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 2.487 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

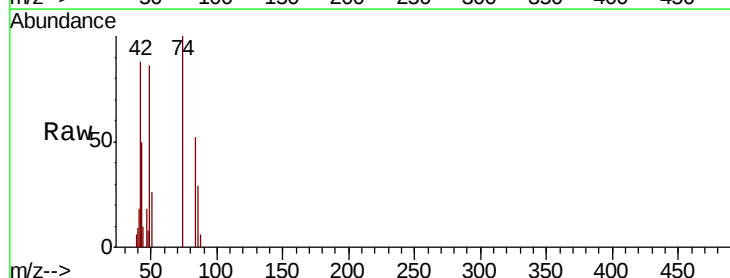
Tgt Ion: 42 Resp: 14712

Ion Ratio Lower Upper

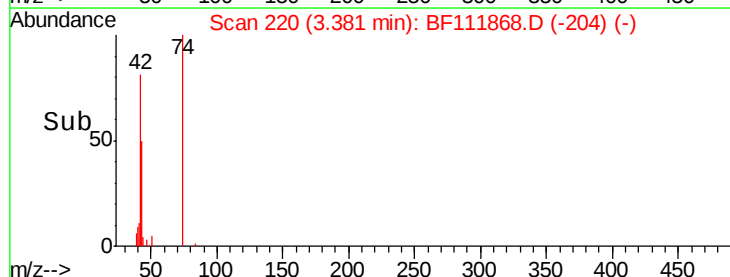
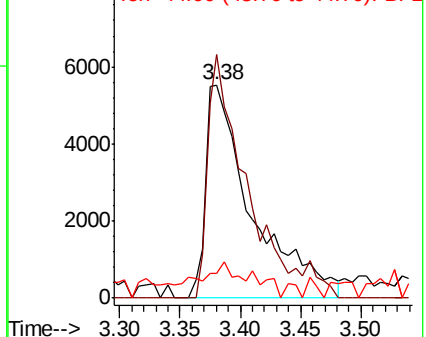
42 100

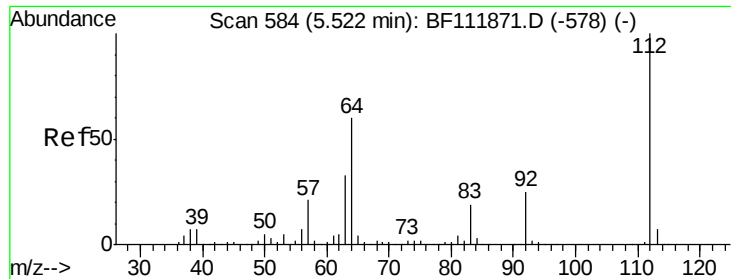
74 114.1 87.0 130.6

44 11.5 5.5 8.3#



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

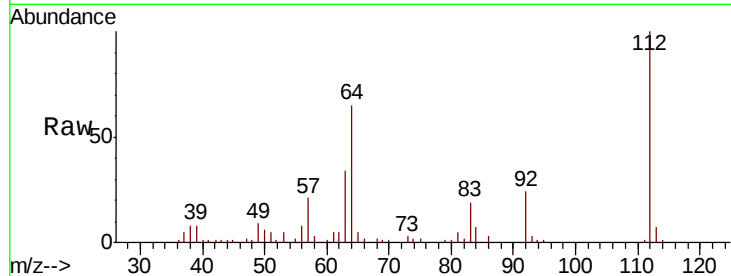




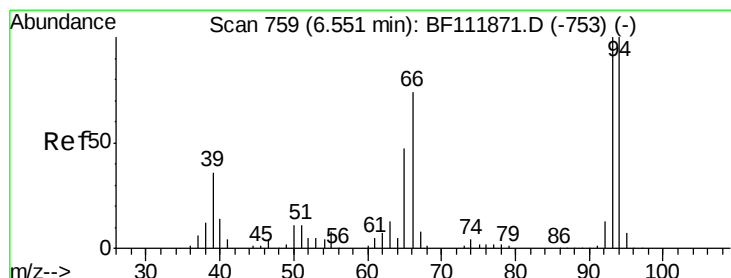
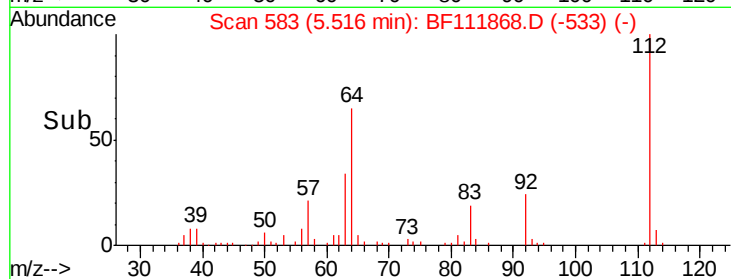
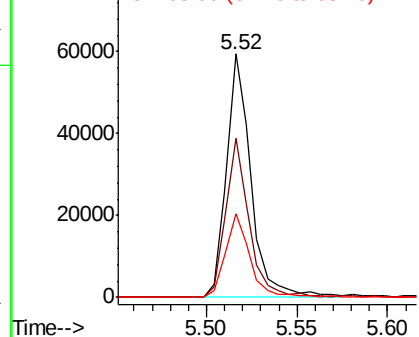
#5
2-Fluorophenol
Concen: 5.690 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 56111
Ion Ratio Lower Upper
112 100
64 65.1 48.3 72.5
63 34.2 26.1 39.1

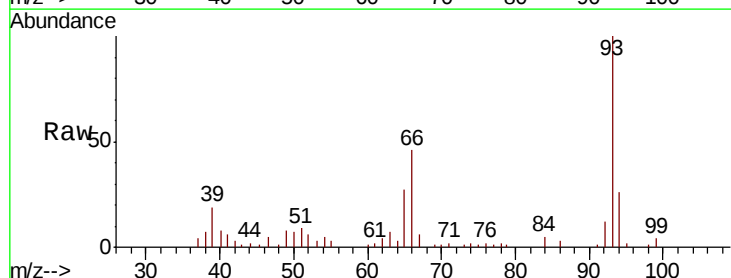


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

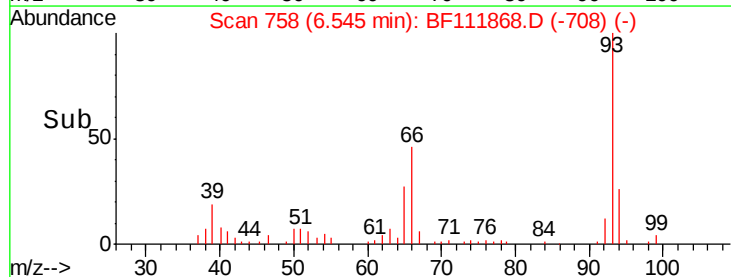
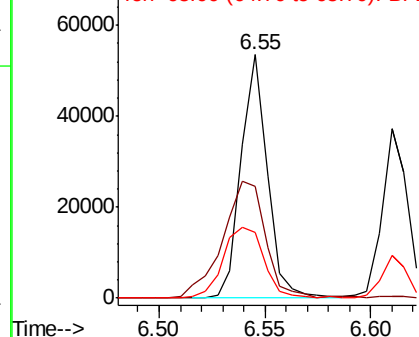


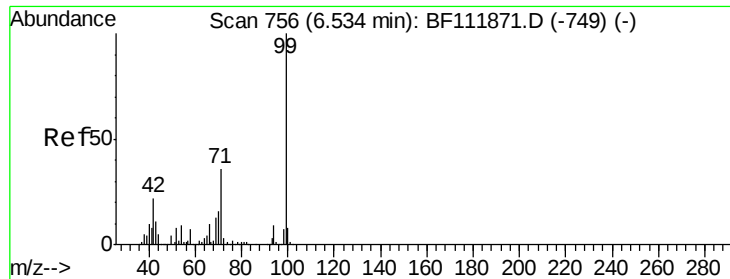
#6
Aniline
Concen: 2.891 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion: 93 Resp: 46249
Ion Ratio Lower Upper
93 100
66 45.7 60.0 90.0#
65 27.1 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: 5.911 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

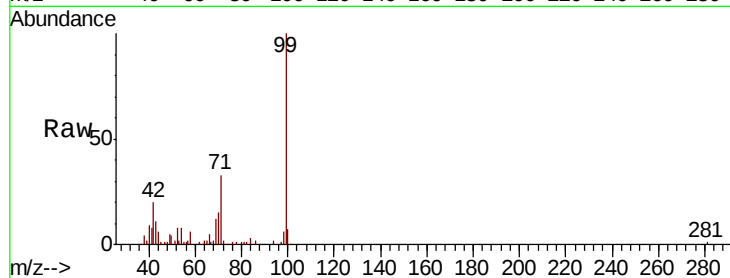
Tot Ion: 99 Resp: 74178

Ion Ratio Lower Upper

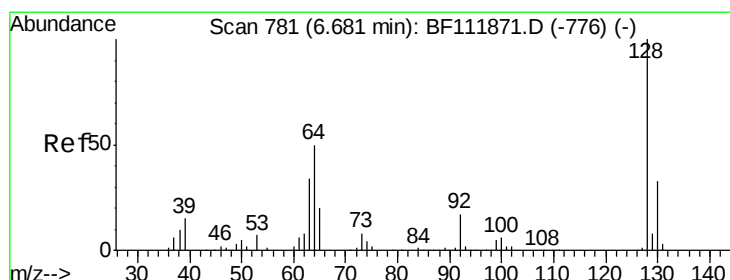
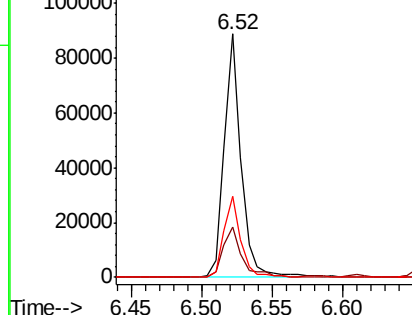
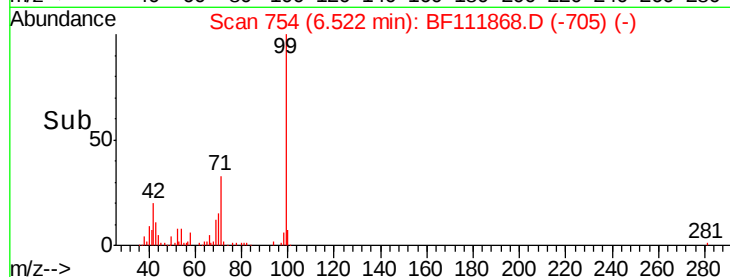
99 100

42 20.4 17.9 26.9

71 33.4 28.7 43.1



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



#8

2-Chlorophenol

Concen: 2.779 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

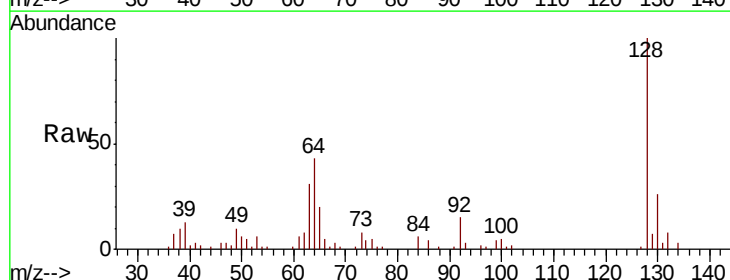
Tgt Ion: 128 Resp: 30360

Ion Ratio Lower Upper

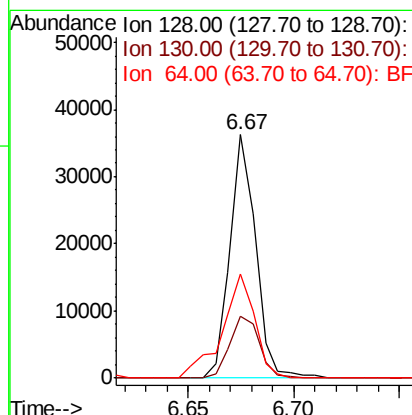
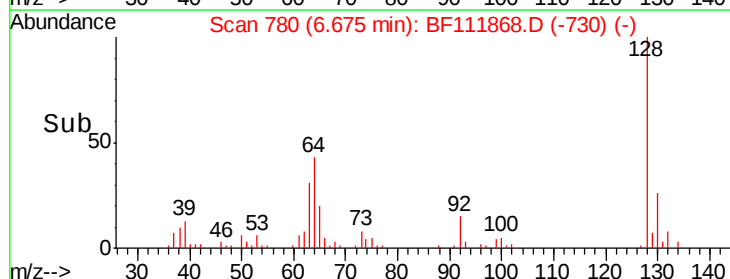
128 100

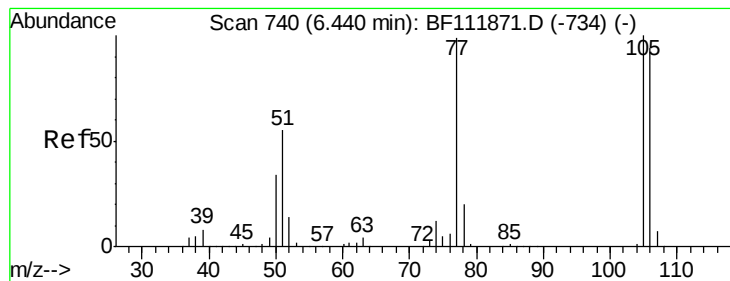
130 25.5 12.7 52.7

64 42.5 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: 3.043 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

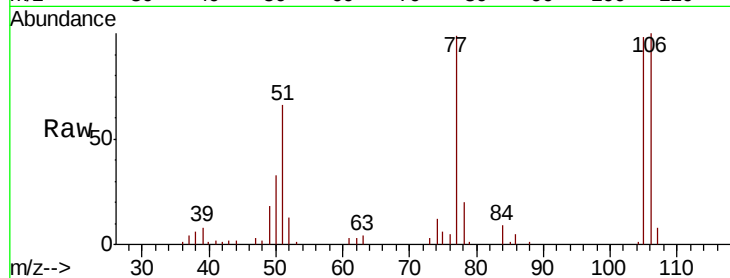
Tot Ion: 77 Resp: 26264

Ion Ratio Lower Upper

77 100

105 99.7 80.6 120.6

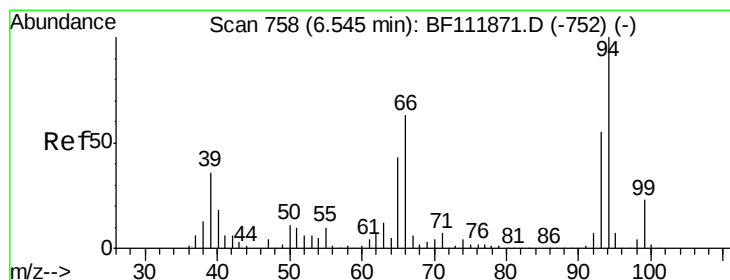
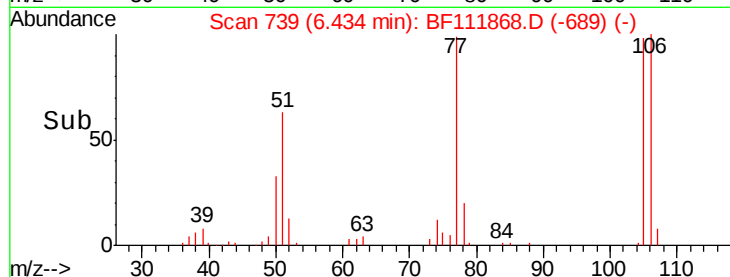
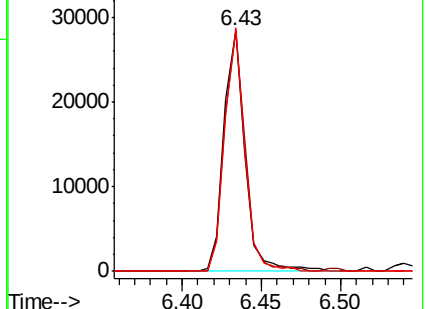
106 101.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 2.854 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

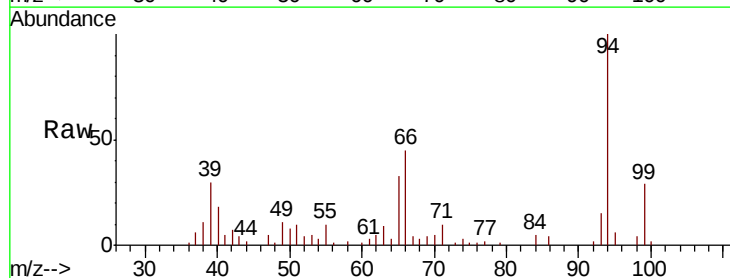
Tgt Ion: 94 Resp: 40411

Ion Ratio Lower Upper

94 100

65 33.4 22.8 62.8

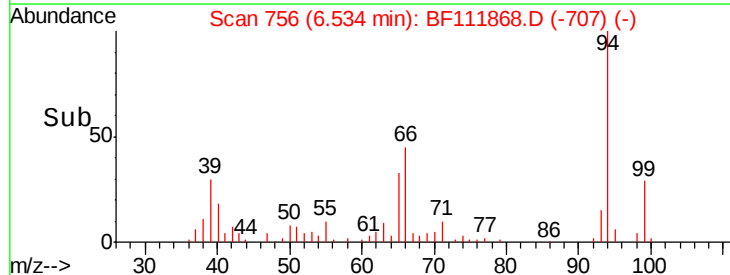
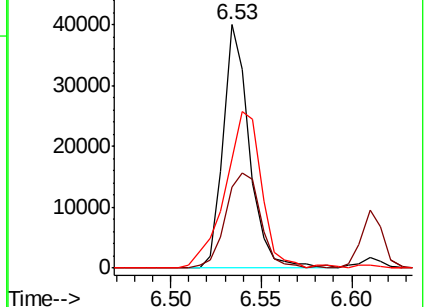
66 44.6 43.3 83.3

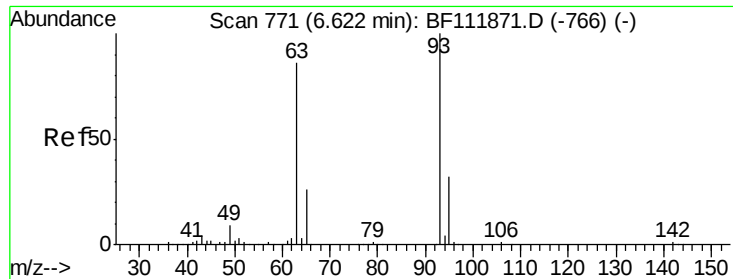


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

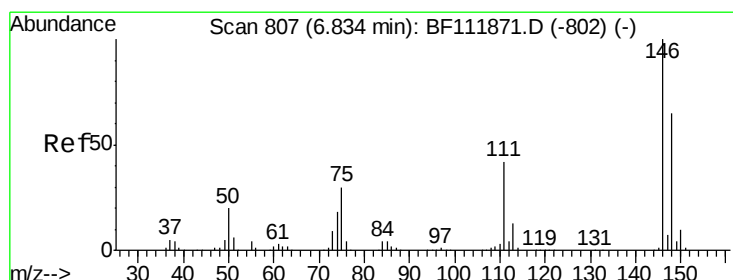
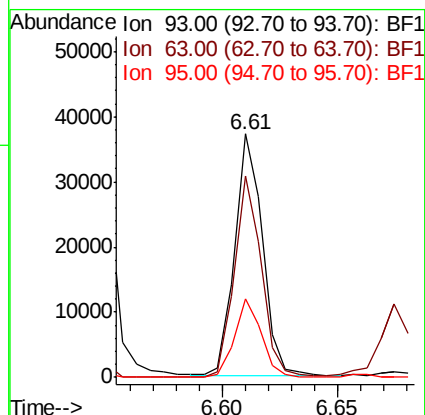
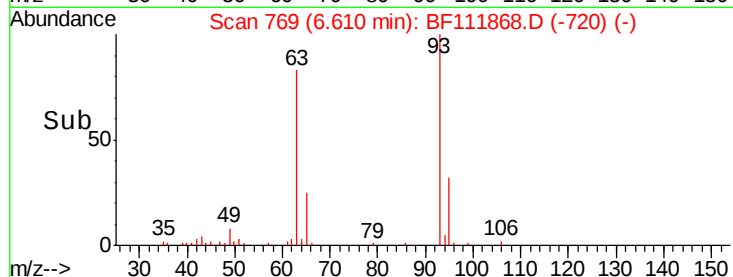
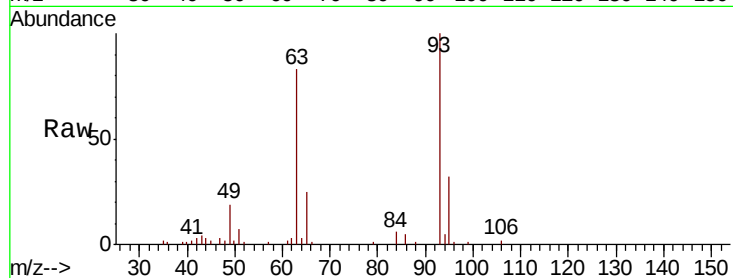




#11
bis(2-Chloroethyl)ether
Concen: 2.943 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

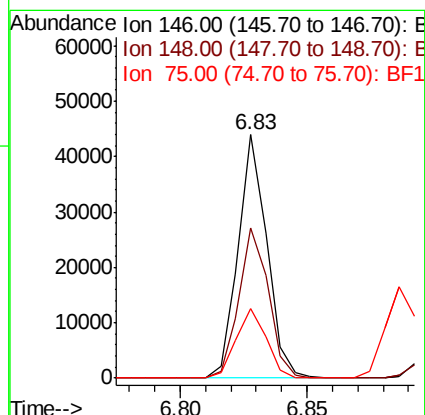
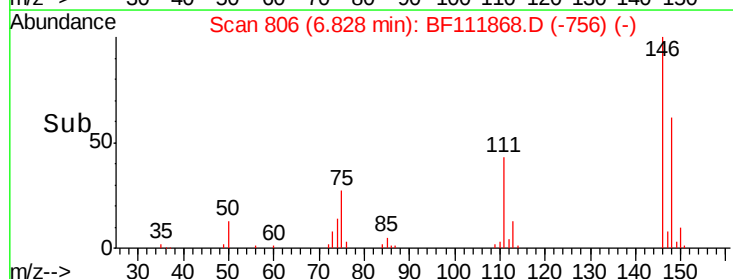
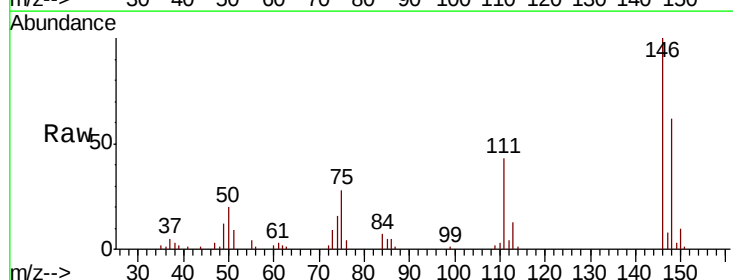
Instrument :
BNA_F
ClientSampleId :

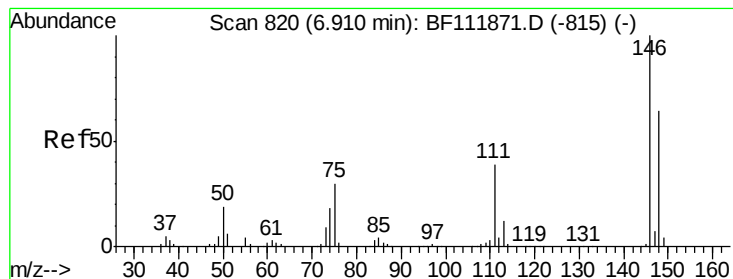
Tot Ion: 93 Resp: 31222
Ion Ratio Lower Upper
93 100
63 82.7 65.2 105.2
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 2.731 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion: 146 Resp: 34569
Ion Ratio Lower Upper
146 100
148 61.8 51.8 77.6
75 28.4 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 2.779 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

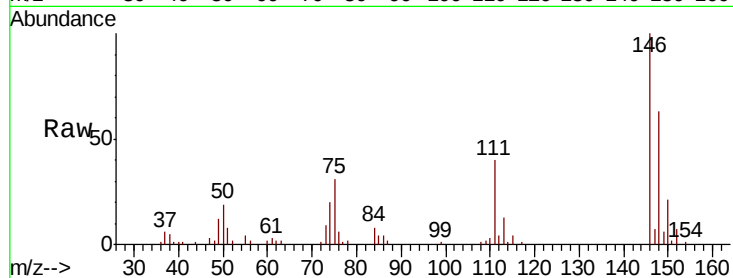
Tot Ion:146 Resp: 35677

Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

111 39.6 31.5 47.3

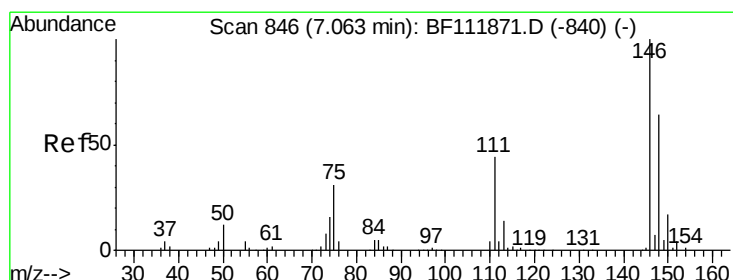
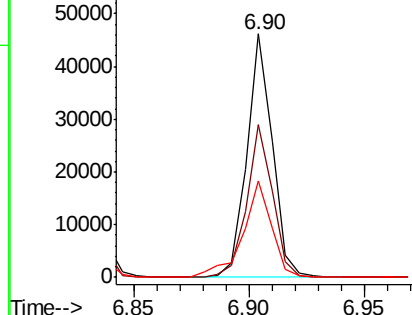
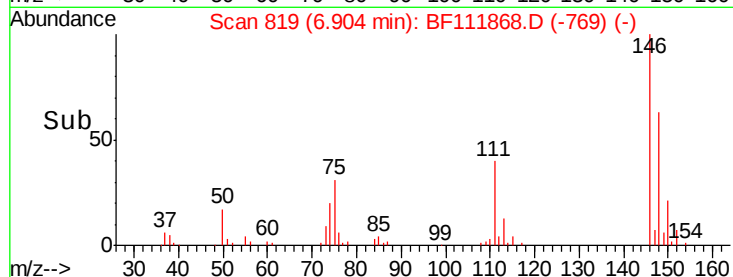


Abundance

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: 2.744 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

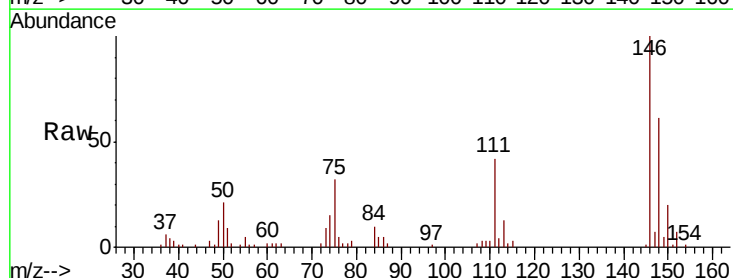
Tgt Ion:146 Resp: 32868

Ion Ratio Lower Upper

146 100

148 61.0 51.5 77.3

111 41.8 35.5 53.3

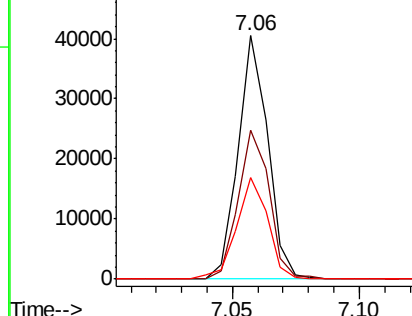
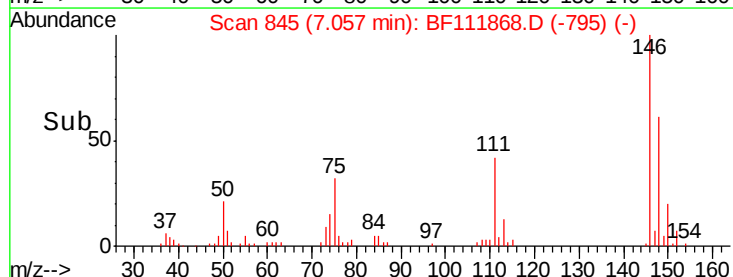


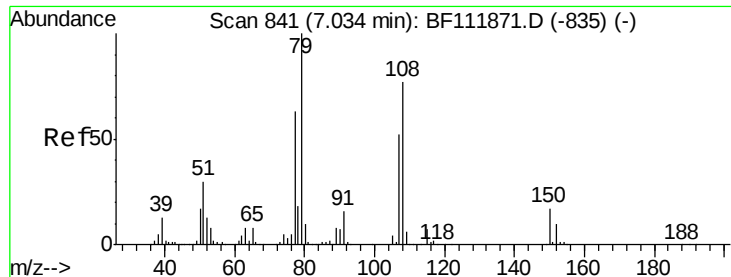
Abundance

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: 2.574 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

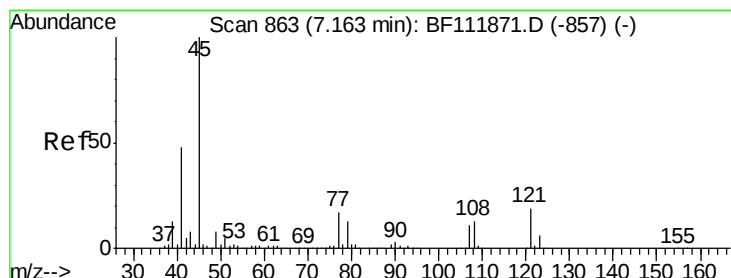
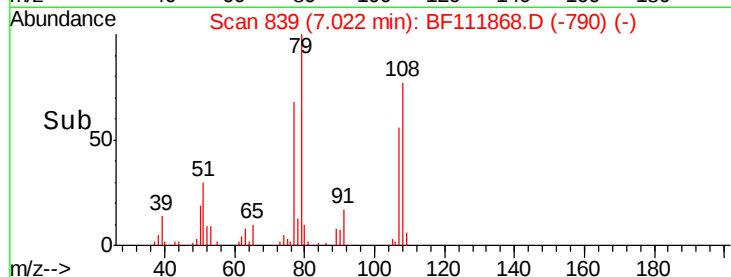
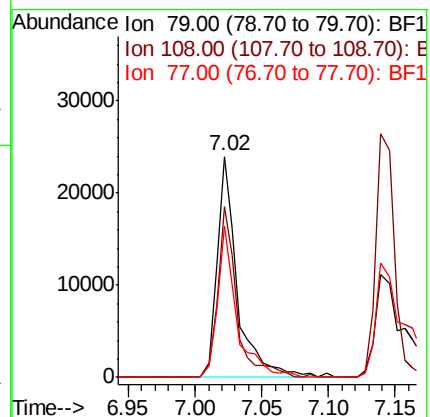
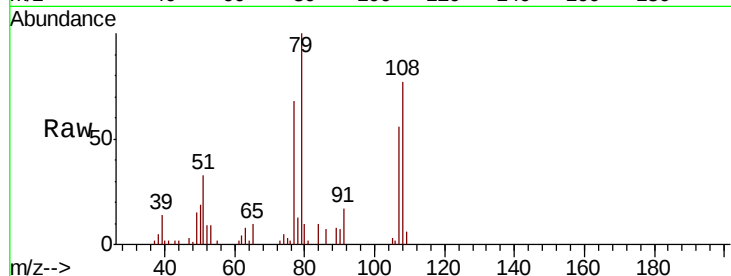
Tot Ion: 79 Resp: 25650

Ion Ratio Lower Upper

79 100

108 77.0 61.4 92.0

77 68.3 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.543 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

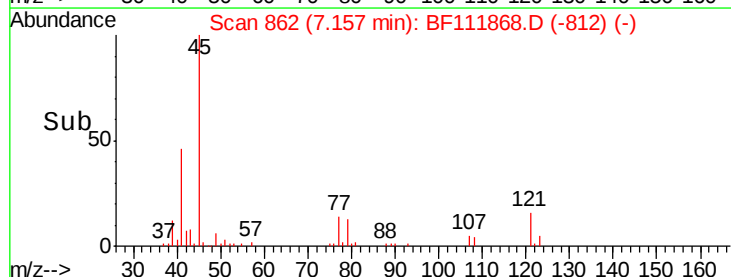
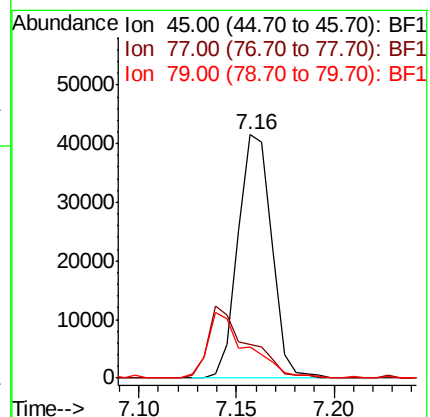
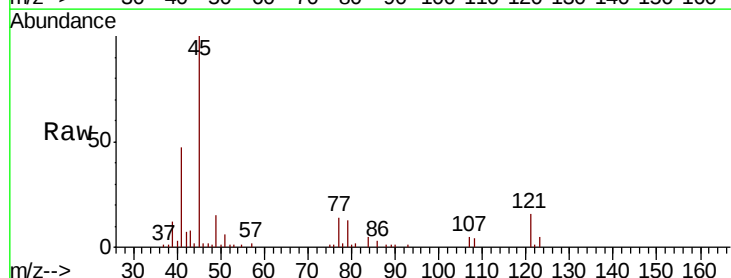
Tgt Ion: 45 Resp: 49695

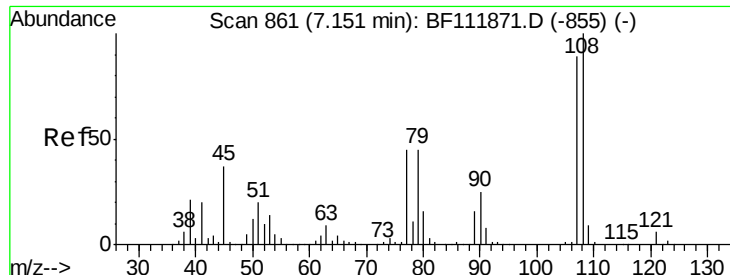
Ion Ratio Lower Upper

45 100

77 13.8 0.0 37.1

79 12.8 0.0 33.9

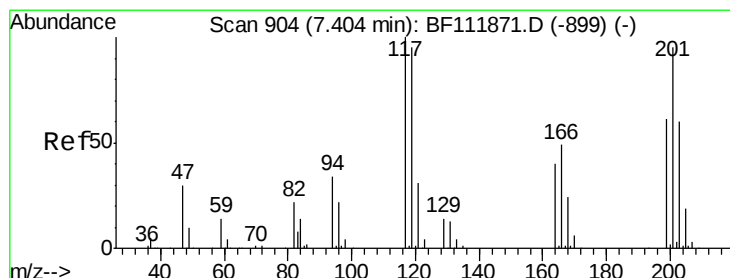
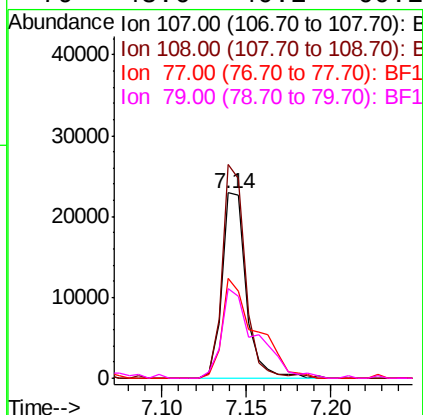
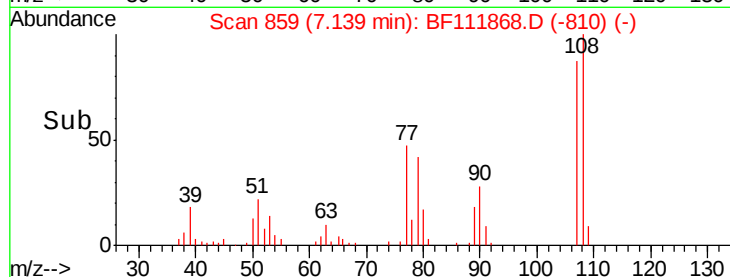
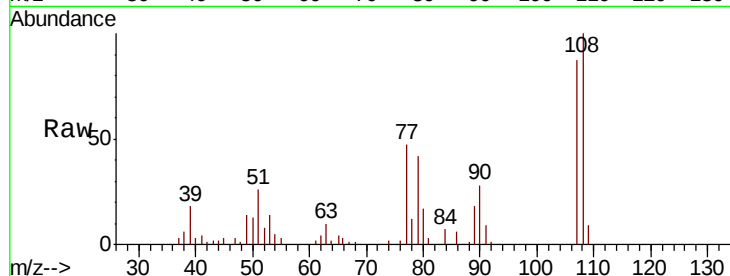




#17
2-Methylphenol
Concen: 2.619 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

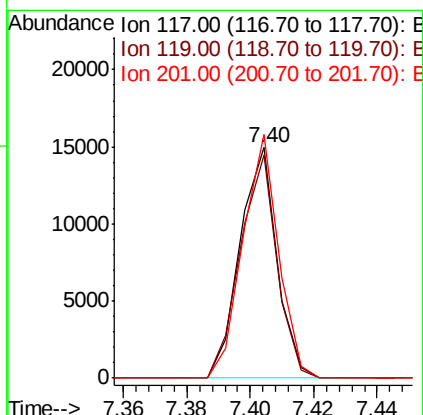
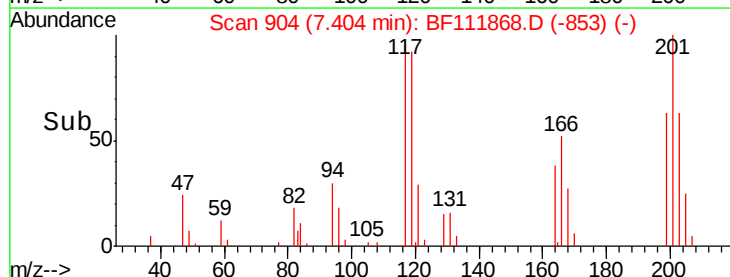
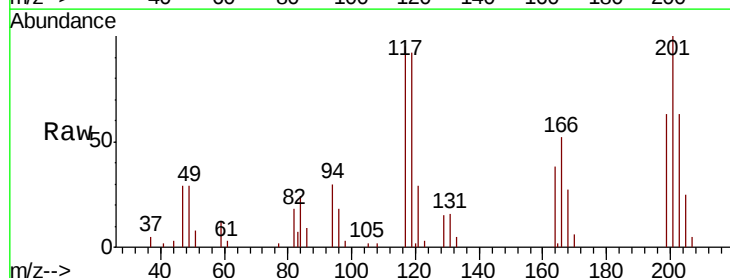
Instrument :
BNA_F
ClientSampleId :

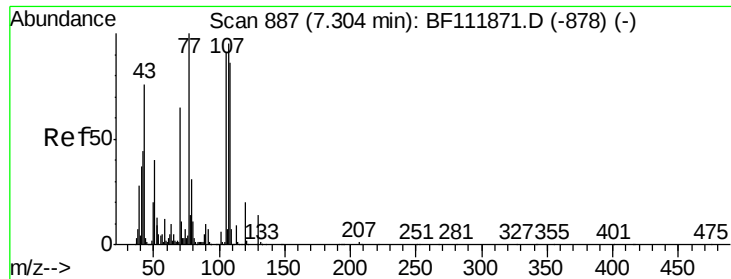
Tot Ion:107 Resp: 22907
Ion Ratio Lower Upper
107 100
108 115.4 89.7 134.5
77 54.2 40.6 60.8
79 48.6 40.2 60.2



#18
Hexachloroethane
Concen: 2.781 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:117 Resp: 12030
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2
201 105.5 75.7 113.5

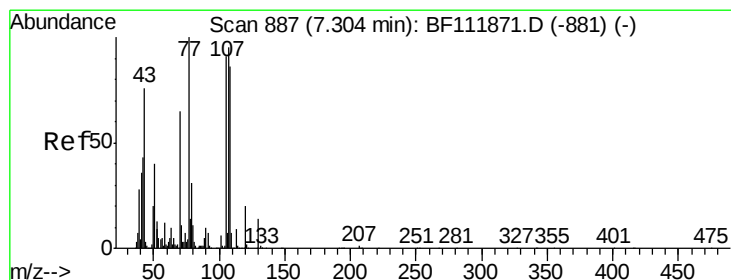
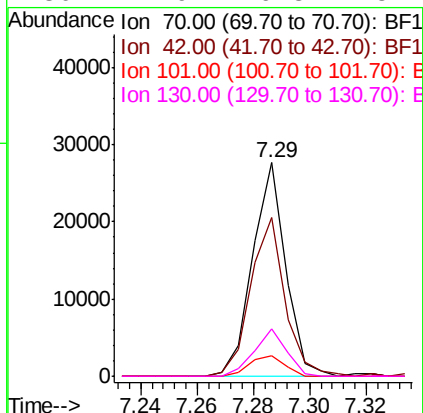
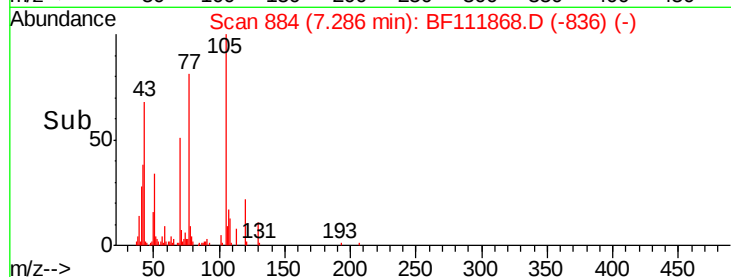
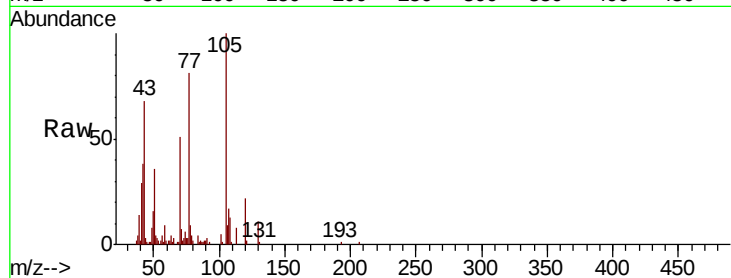




#19
n-Nitroso-di-n-propylamine
Concen: 2.703 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

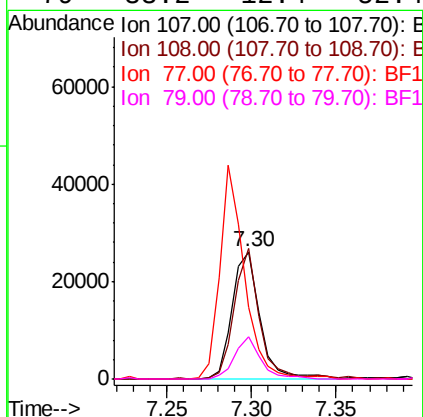
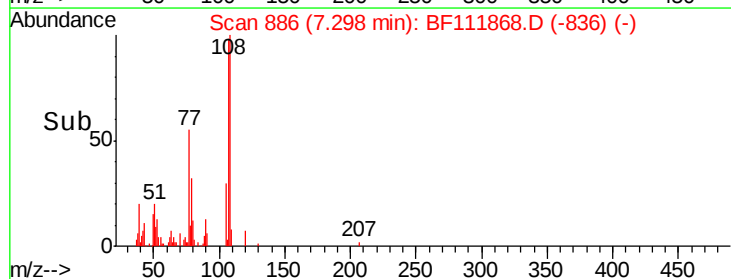
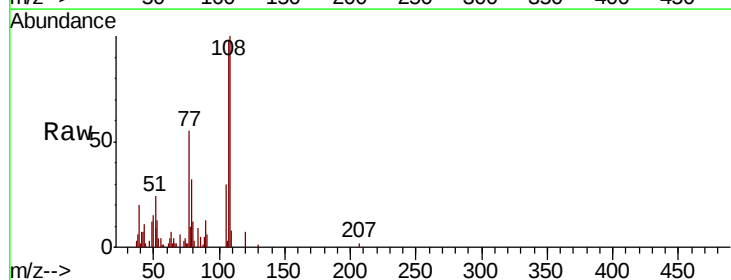
Instrument :
BNA_F
ClientSampleId :

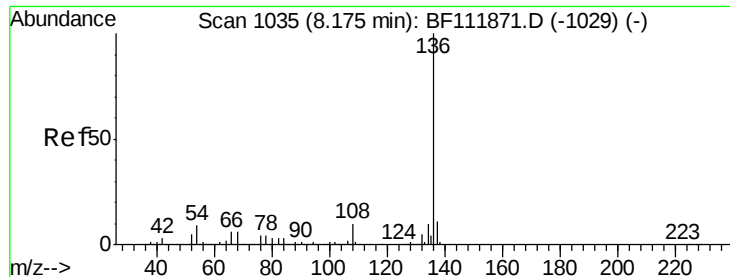
Tot Ion: 70 Resp: 22523
Ion Ratio Lower Upper
70 100
42 74.2 53.6 80.4
101 9.7 7.3 10.9
130 21.9 16.8 25.2



#20
3+4-Methylphenols
Concen: 2.697 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion: 107 Resp: 29811
Ion Ratio Lower Upper
107 100
108 102.4 71.1 111.1
77 56.8 85.4 125.4#
79 33.2 12.4 52.4

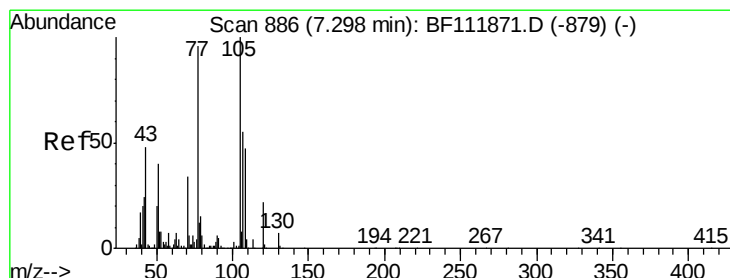
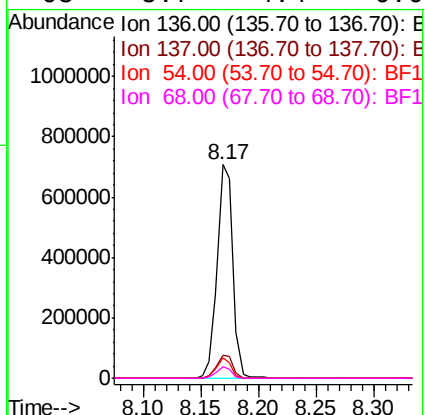
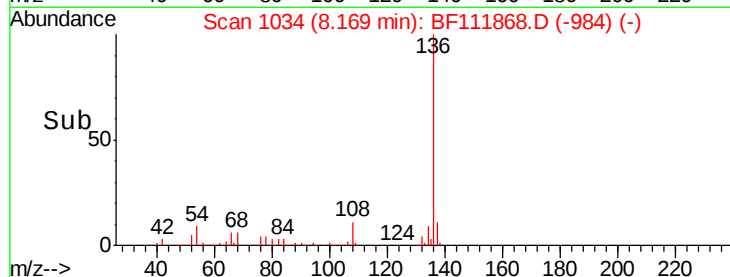
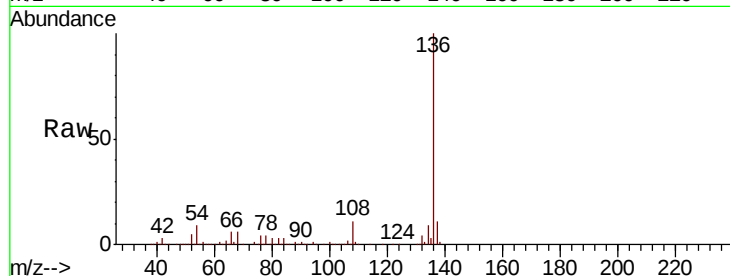




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

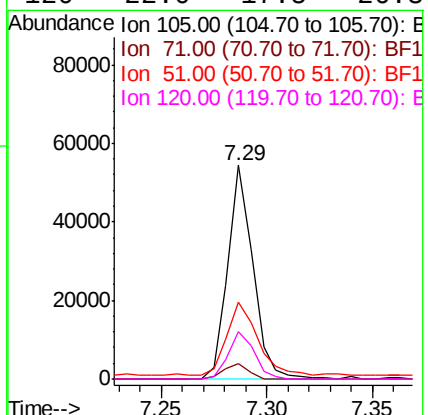
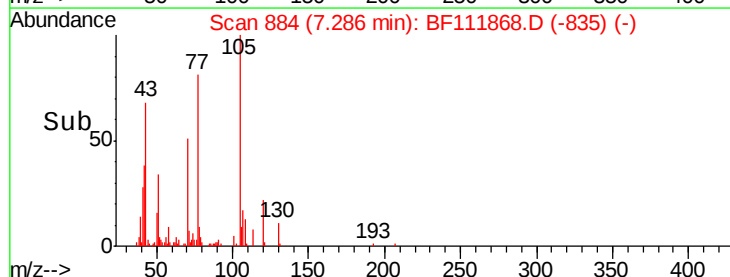
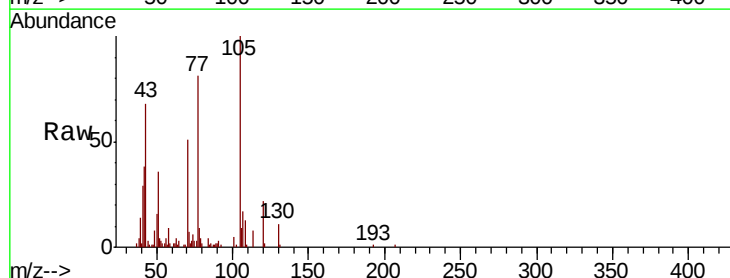
Instrument :
BNA_F
ClientSampleId :

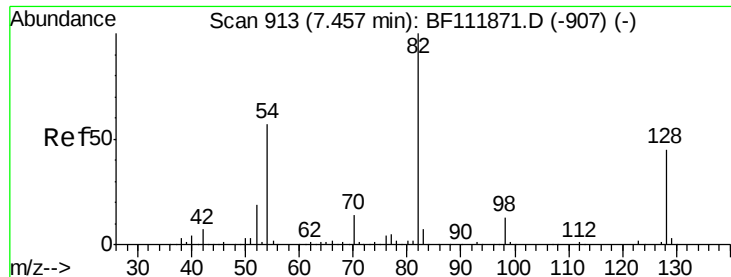
Tot Ion:136	Resp:	670694
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	9.4	7.2 10.8
68	5.7	4.4 6.6



#22
Acetophenone
Concen: 2.642 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:105	Resp:	44895
Ion	Ratio	Lower Upper
105	100	
71	7.3	4.6 6.8#
51	36.2	32.2 48.2
120	22.0	17.5 26.3

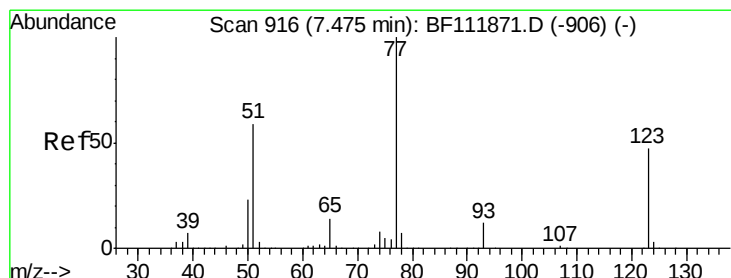
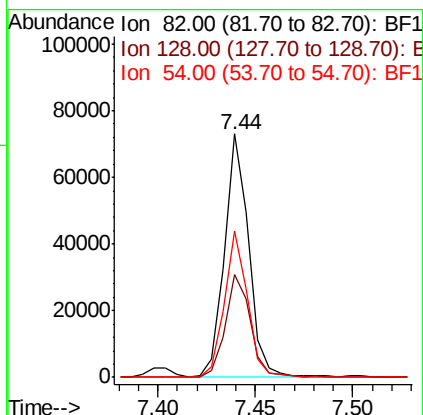
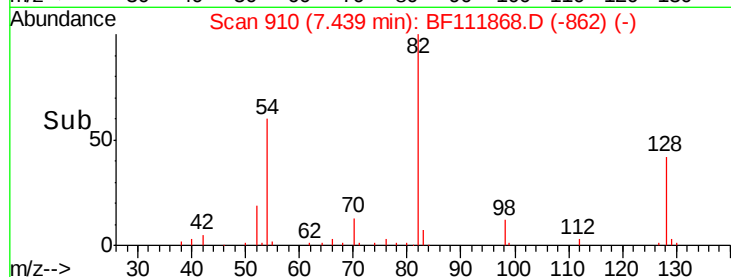
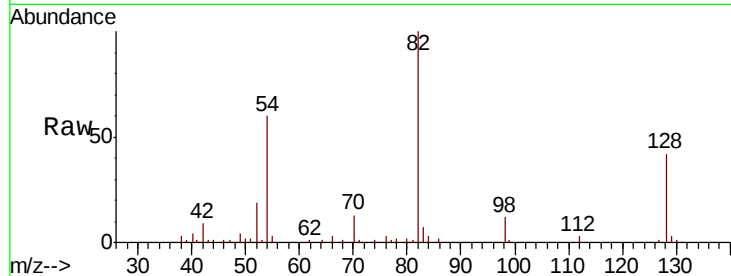




#23
Nitrobenzene-d5
Concen: 5.471 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

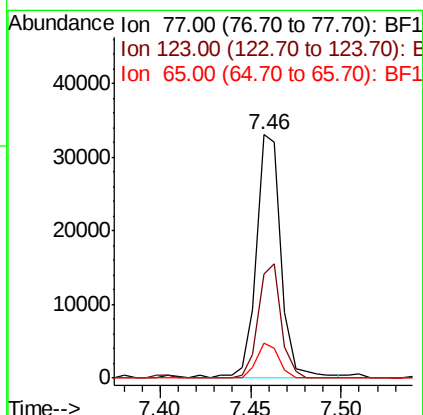
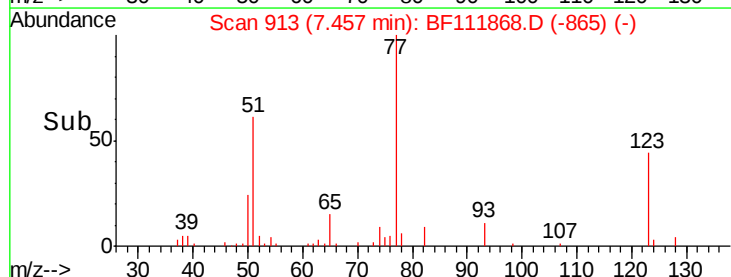
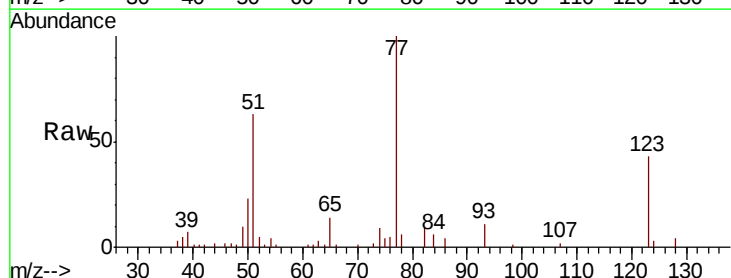
Instrument :
BNA_F
ClientSampled :

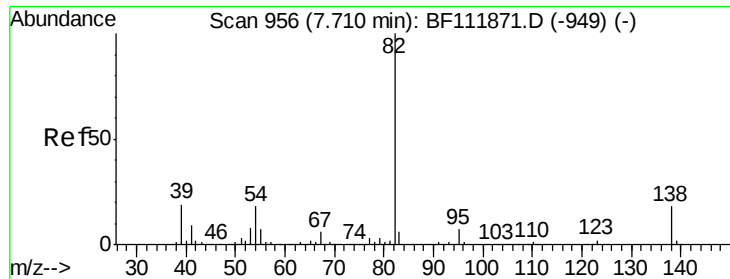
Tot Ion: 82 Resp: 63042
Ion Ratio Lower Upper
82 100
128 42.5 35.7 53.5
54 60.0 45.8 68.8



#24
Nitrobenzene
Concen: 2.620 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion: 77 Resp: 31642
Ion Ratio Lower Upper
77 100
123 42.8 38.1 57.1
65 14.3 11.0 16.4





#25

Isophorone

Concen: 2.528 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

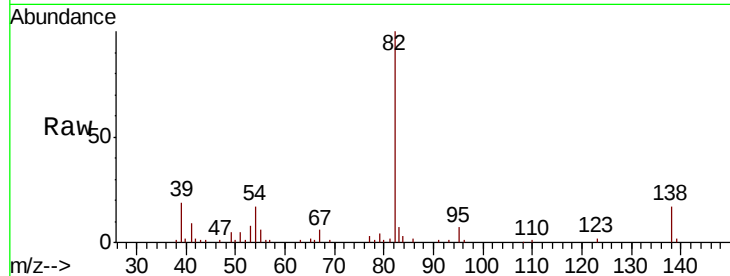
Tot Ion: 82 Resp: 51716

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

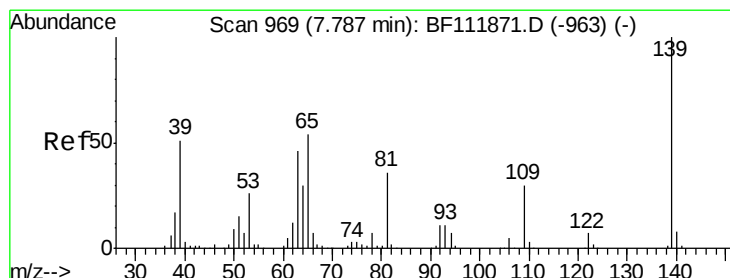
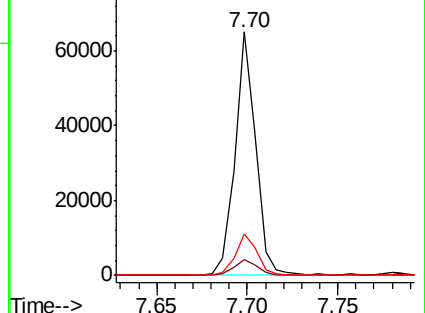
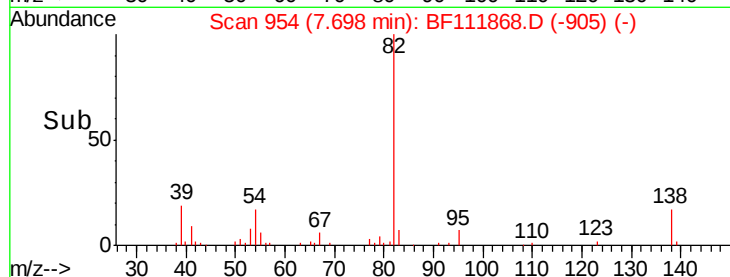
138 17.1 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 2.919 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

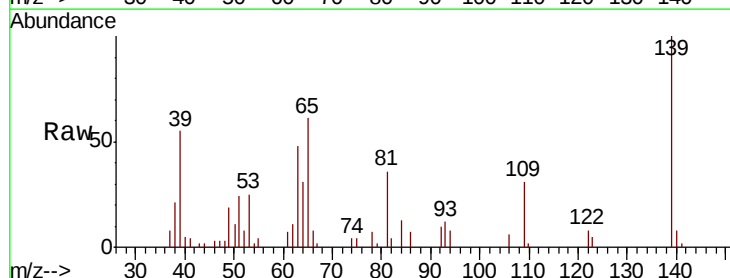
Tgt Ion: 139 Resp: 14296

Ion Ratio Lower Upper

139 100

109 31.1 24.1 36.1

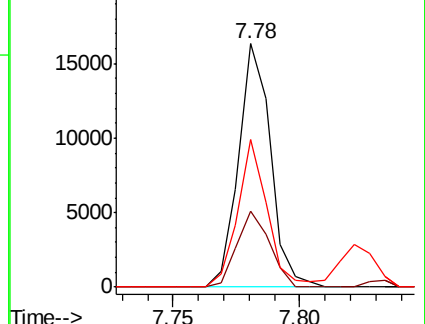
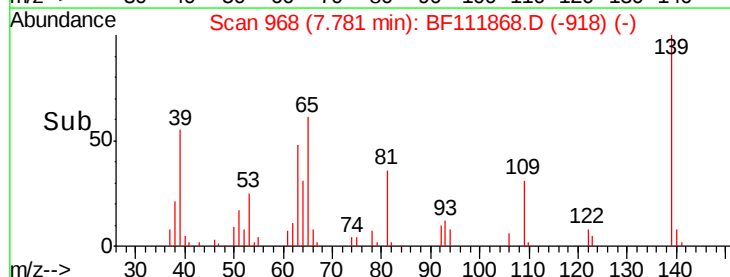
65 60.8 43.6 65.4

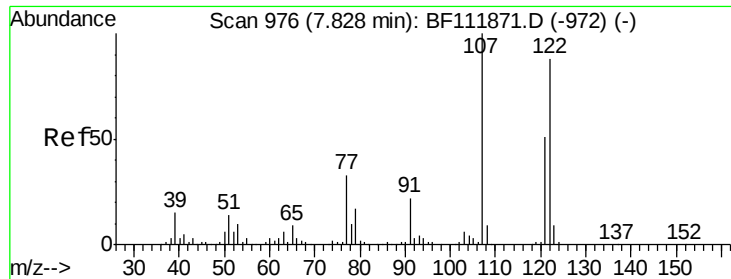


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

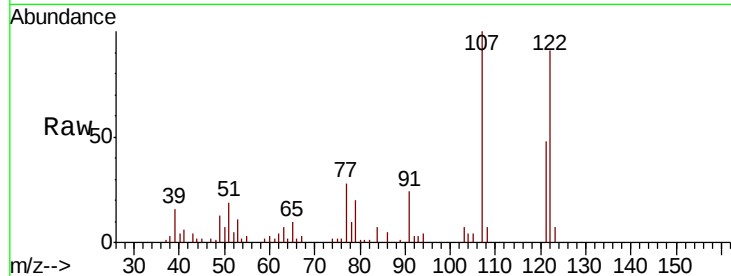




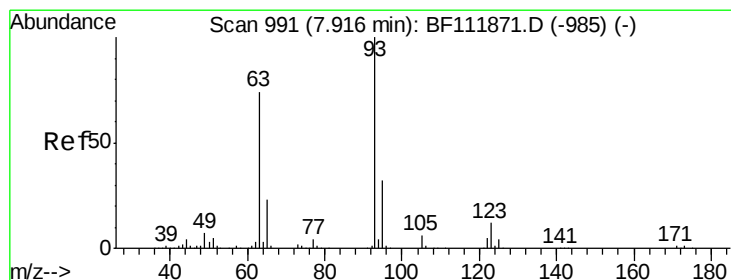
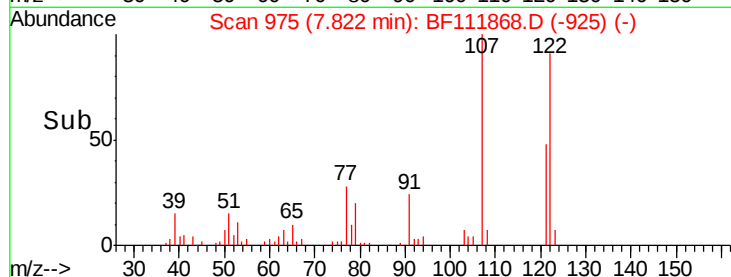
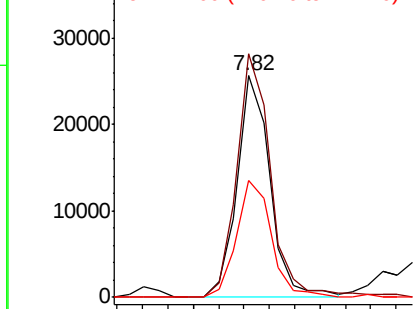
#27
2,4-Dimethylphenol
Concen: 2.403 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 23197
Ion Ratio Lower Upper
122 100
107 109.9 91.0 136.6
121 52.8 46.8 70.2

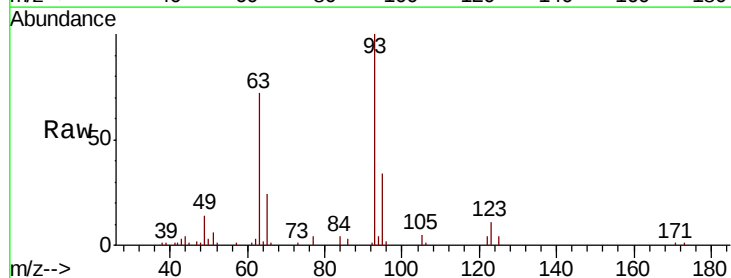


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

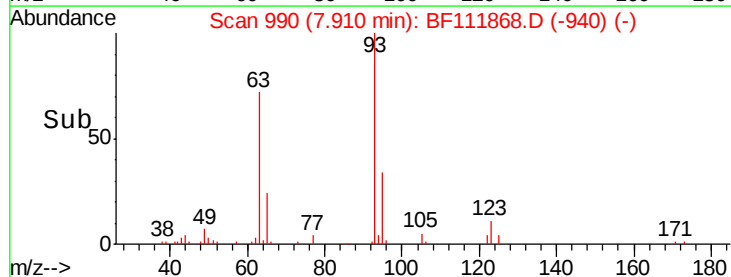
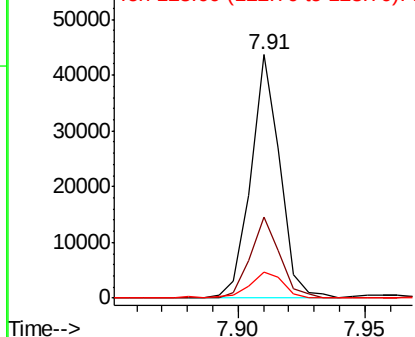


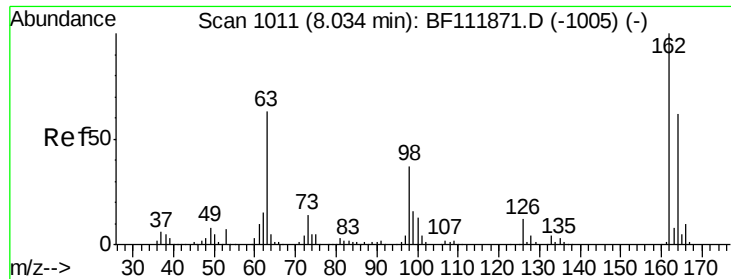
#28
bis(2-Chloroethoxy)methane
Concen: 2.555 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion: 93 Resp: 34781
Ion Ratio Lower Upper
93 100
95 33.5 25.8 38.6
123 10.6 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

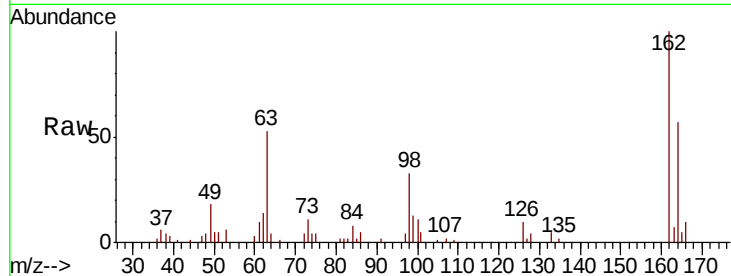




#29
 2,4-Dichlorophenol
 Concen: 2.565 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	57.3	42.1	82.1
98	32.8	17.2	57.2

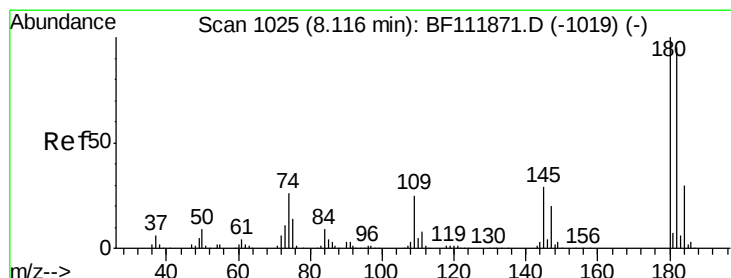
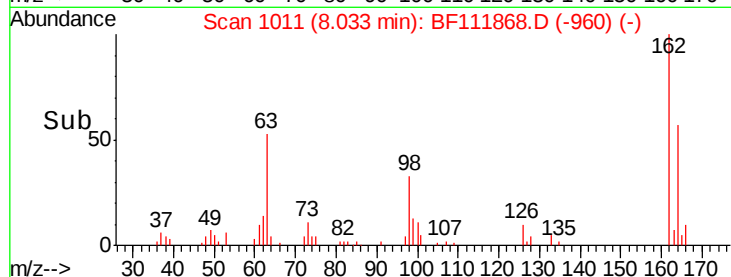
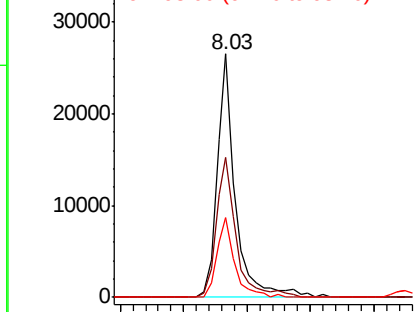


Abundance

Ion 162.00 (161.70 to 162.70): E

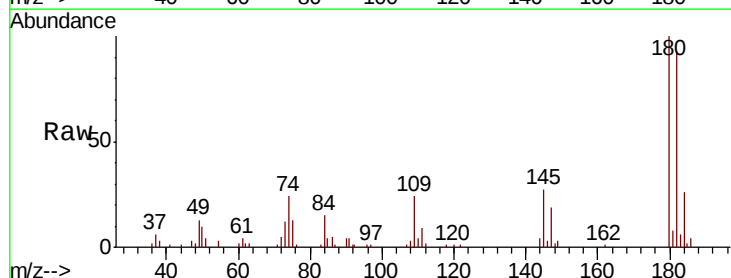
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 2.679 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.2	114.4
145	26.6	23.4	35.2

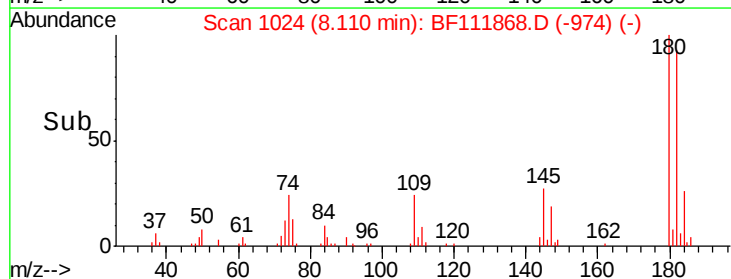
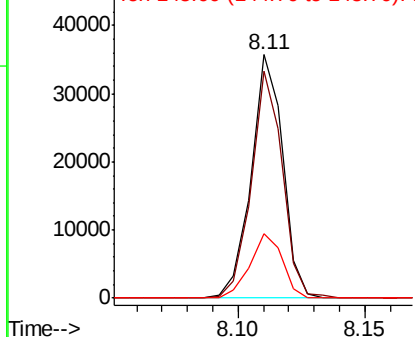


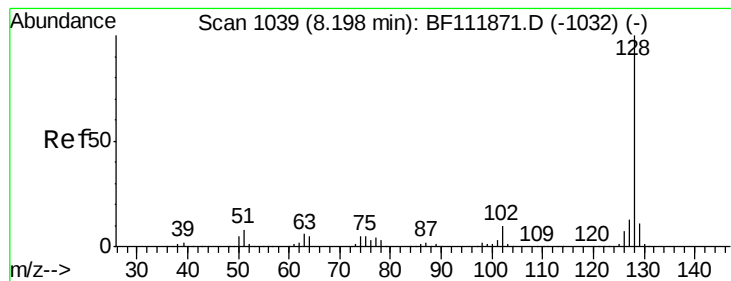
Abundance

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: 2.698 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampled :

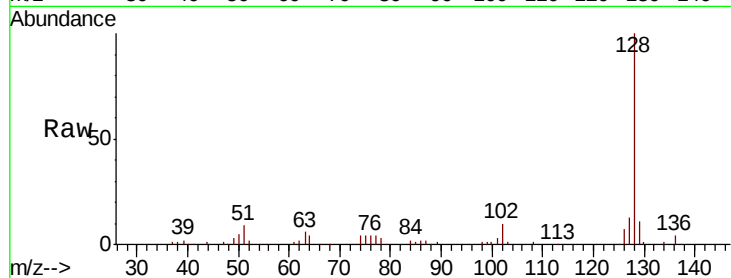
Tot Ion:128 Resp: 86939

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

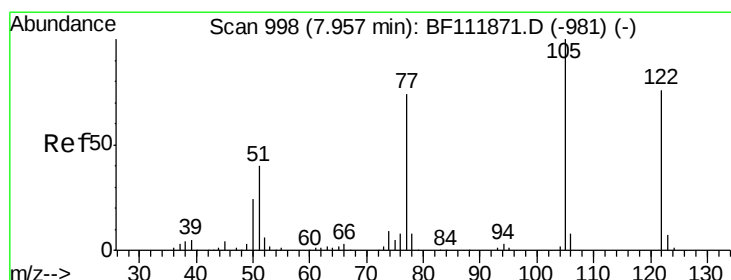
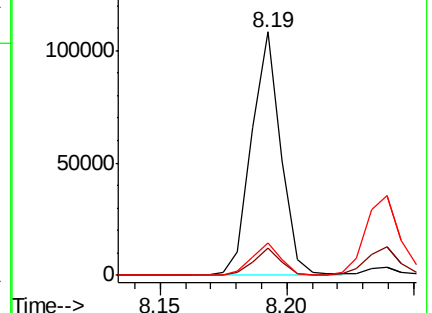
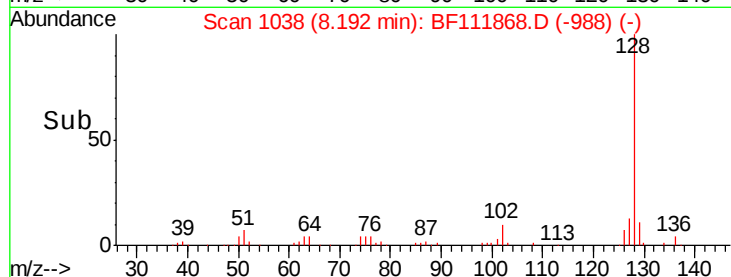
127 13.1 10.7 16.1



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: 1.355 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

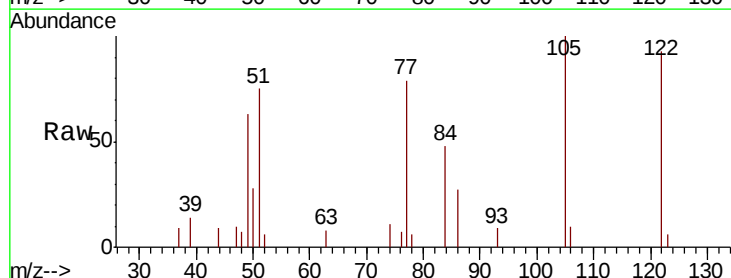
Tgt Ion:122 Resp: 8647

Ion Ratio Lower Upper

122 100

105 107.7 107.9 147.9#

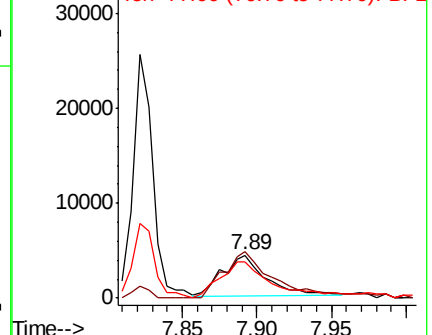
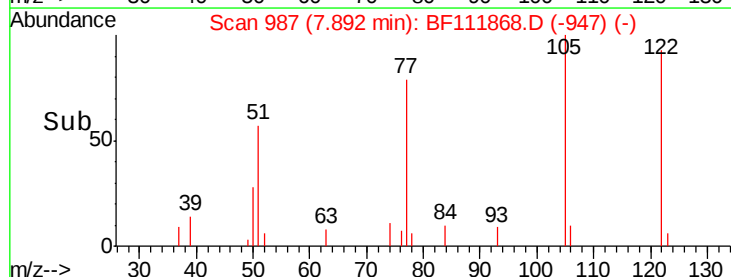
77 85.6 76.6 116.6

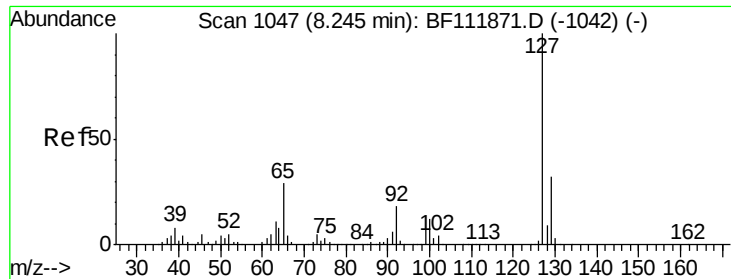


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

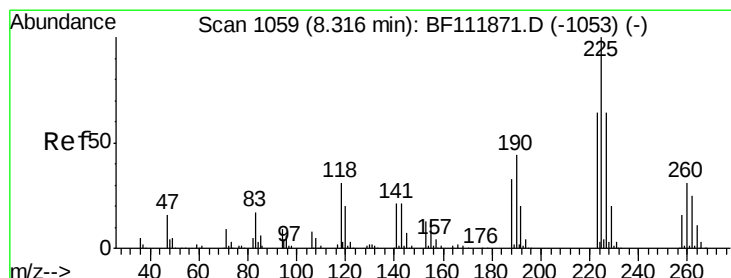
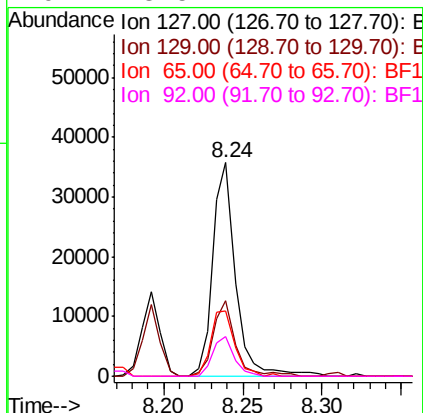
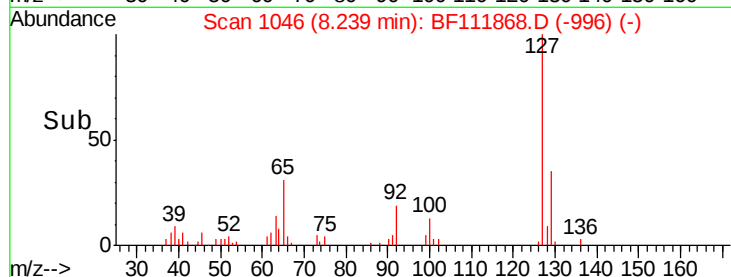
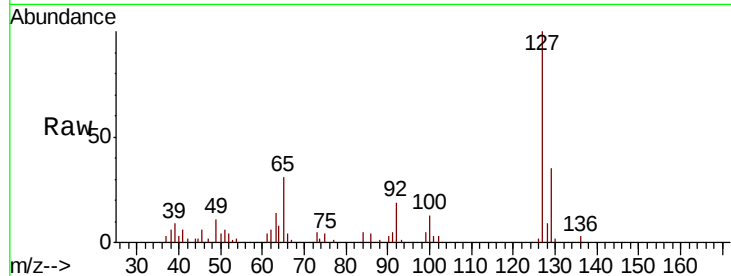




#33
4-Chloroaniline
Concen: 2.588 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

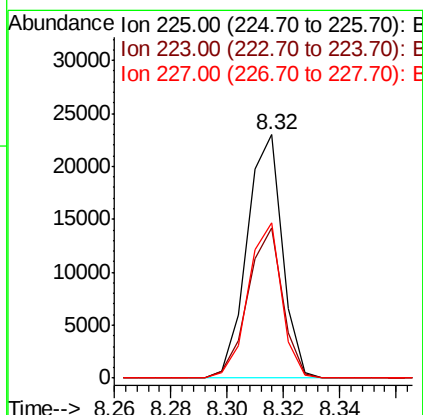
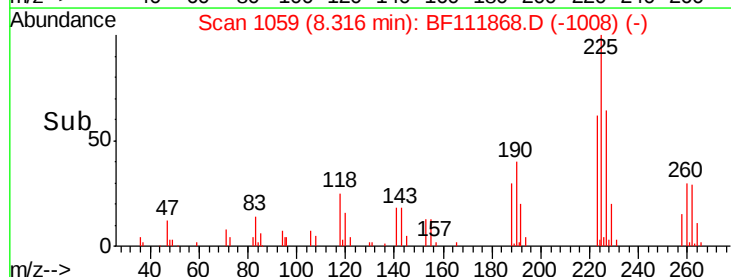
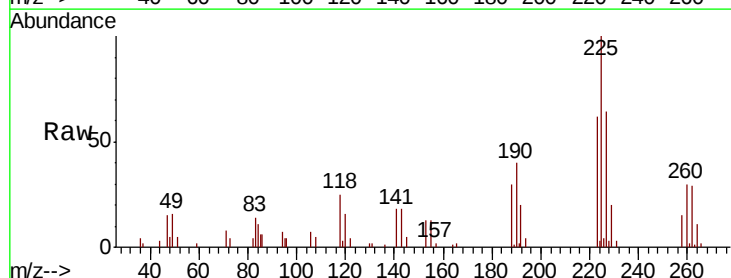
Instrument :
BNA_F
ClientSampleId :

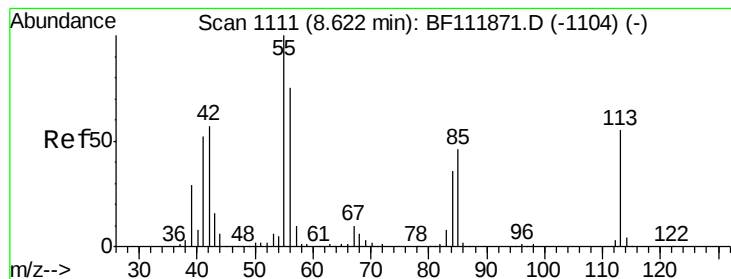
Tot Ion:	127	Resp:	36054
Ion	Ratio	Lower	Upper
127	100		
129	35.4	25.8	38.6
65	30.7	23.5	35.3
92	18.5	14.2	21.2



#34
Hexachlorobutadiene
Concen: 2.823 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:	225	Resp:	19910
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	63.5	51.4	77.0





#35

Caprolactam

Concen: 2.512 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.06 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampled :

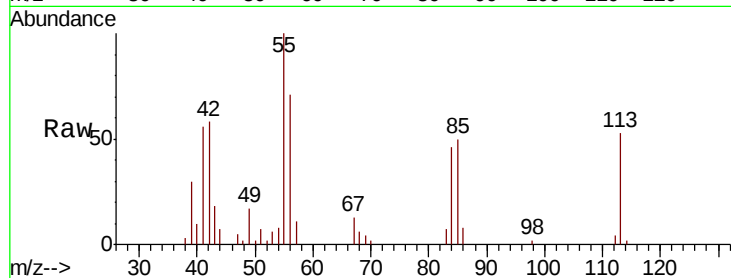
Tot Ion:113 Resp: 8840

Ion Ratio Lower Upper

113 100

55 189.1 162.0 202.0

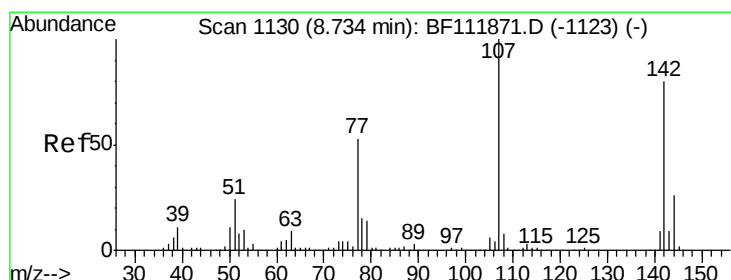
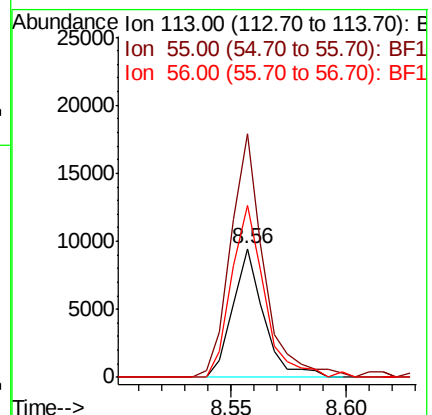
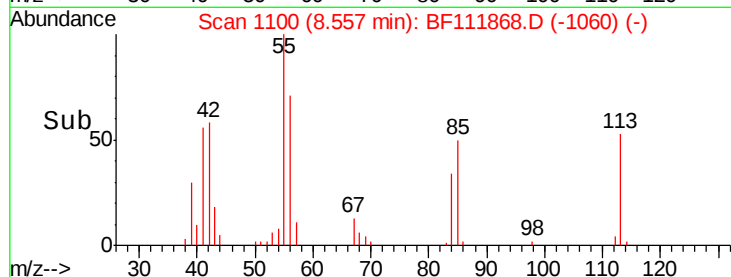
56 133.8 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 2.891 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

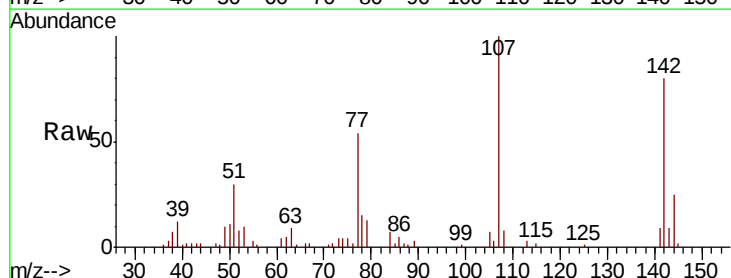
Tgt Ion:107 Resp: 29516

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

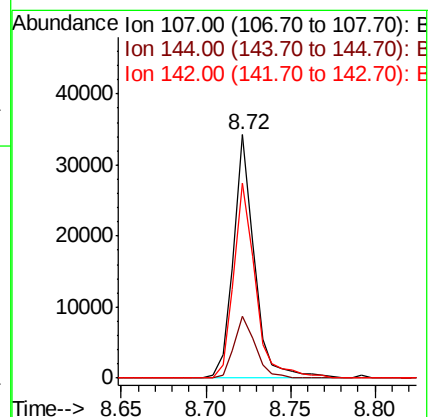
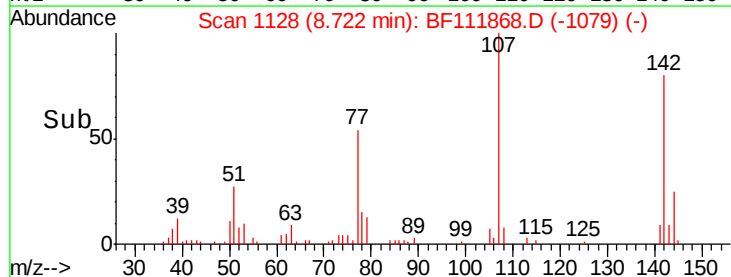
142 80.1 63.9 95.9

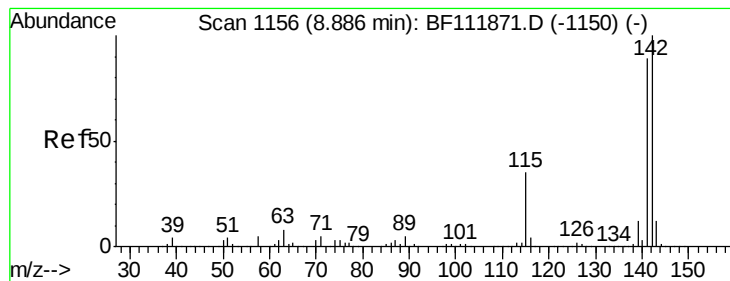


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 3.264 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampled :

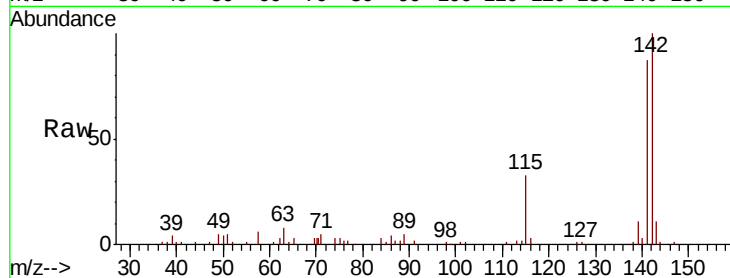
Tot Ion:142 Resp: 68442

Ion Ratio Lower Upper

142 100

141 86.9 71.4 107.2

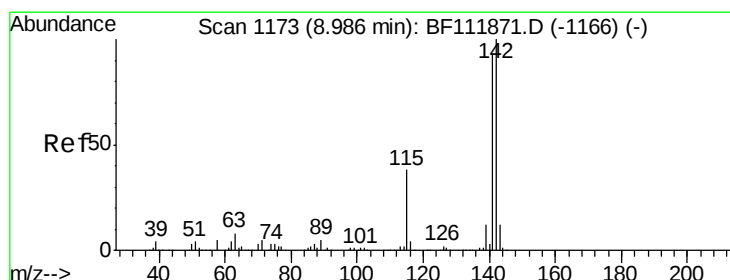
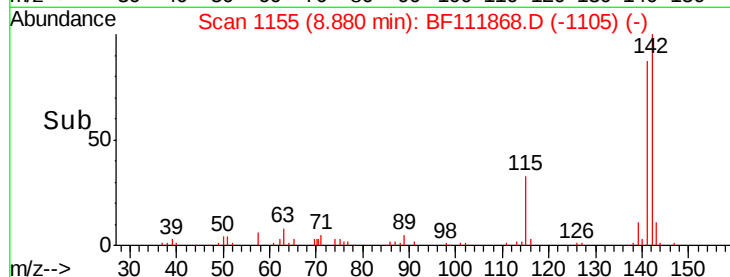
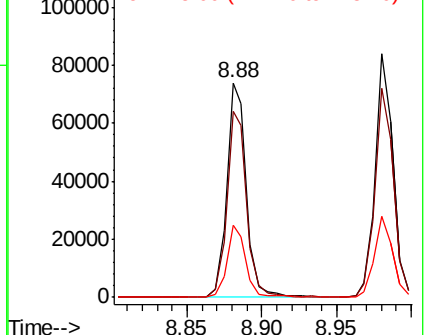
115 33.3 28.3 42.5



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: 3.411 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

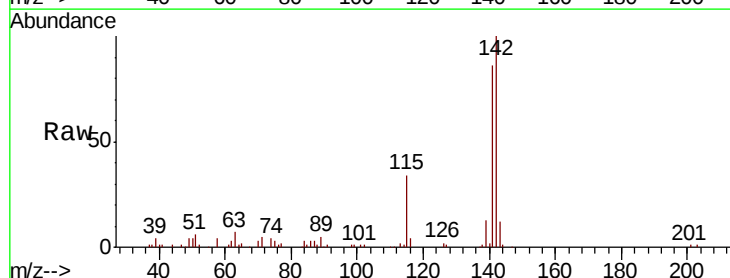
Tgt Ion:142 Resp: 68692

Ion Ratio Lower Upper

142 100

141 86.1 74.8 112.2

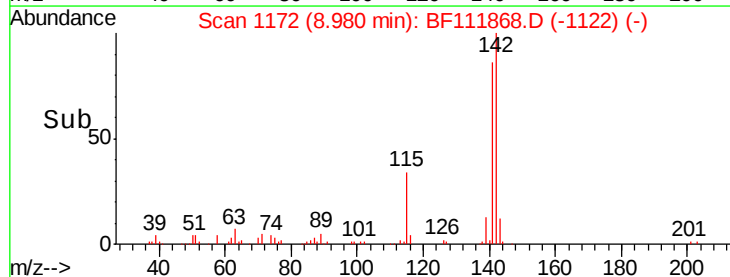
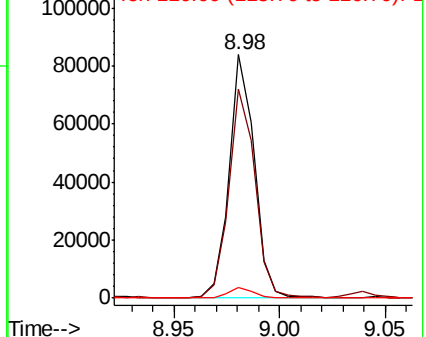
116 4.4 3.1 4.7

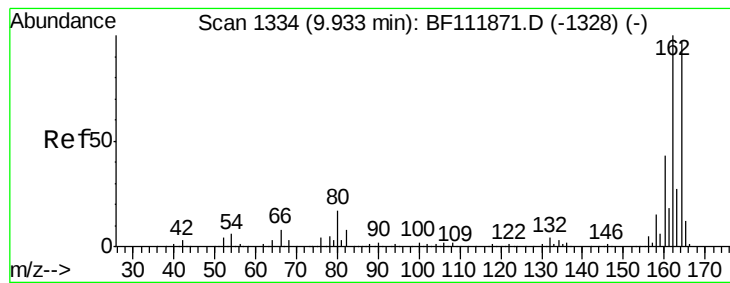


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

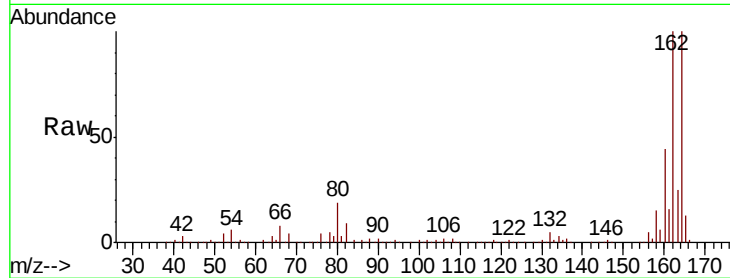
Tot Ion:164 Resp: 475628

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

160 44.1 35.5 53.3

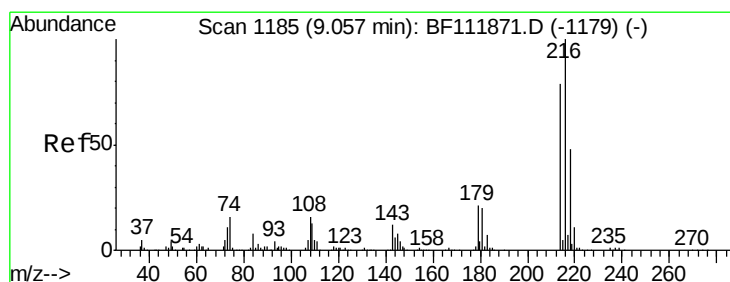
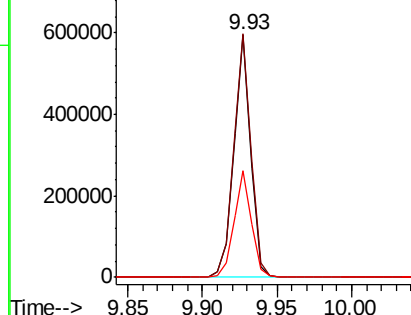
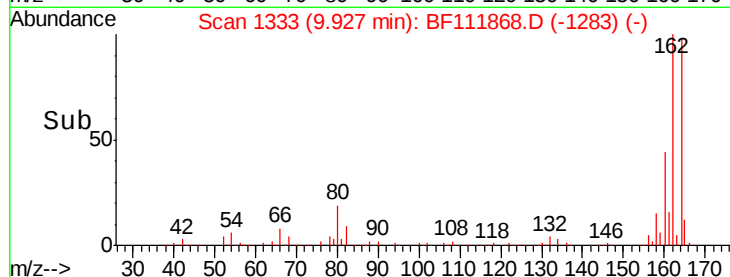


Abundance

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: 2.562 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Tgt Ion:216 Resp: 40034

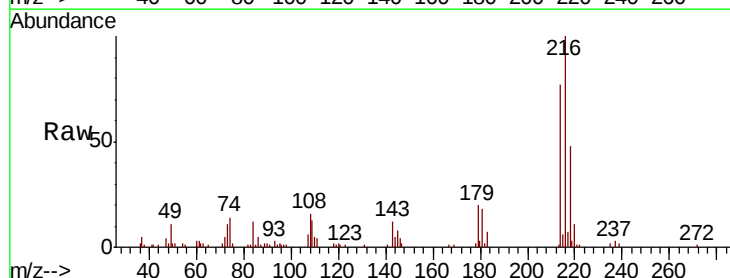
Ion Ratio Lower Upper

216 100

214 76.5 63.5 95.3

179 20.6 17.0 25.6

108 17.9 14.6 22.0



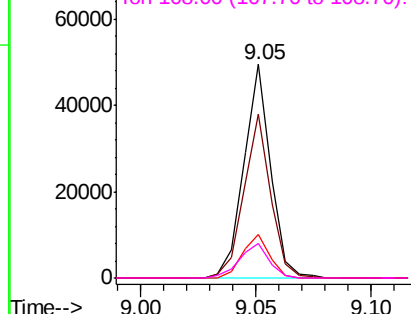
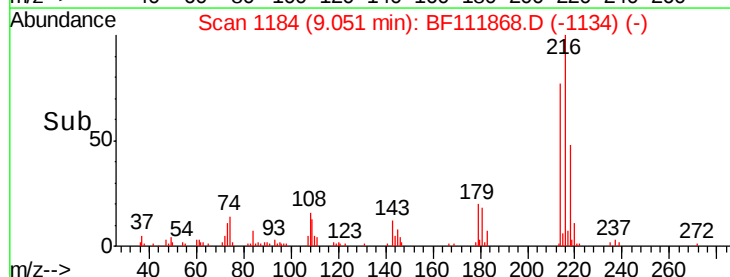
Abundance

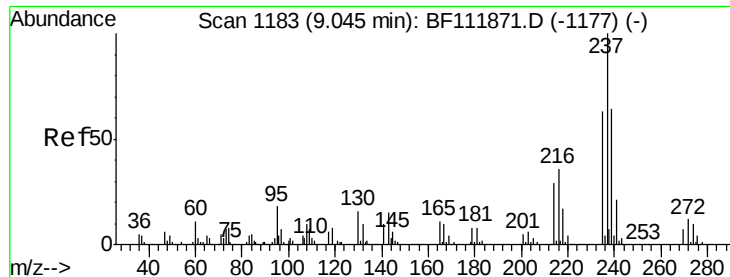
Ion 216.00 (215.70 to 216.70): E

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: 1.870 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampled :

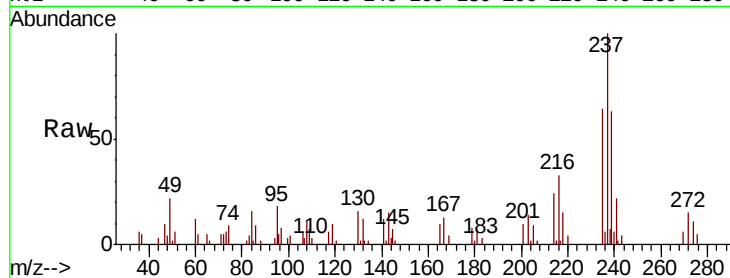
Tot Ion:237 Resp: 14180

Ion Ratio Lower Upper

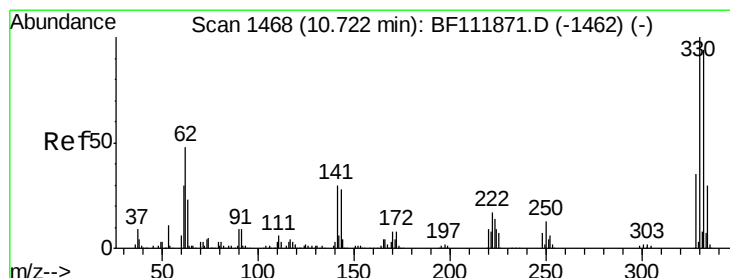
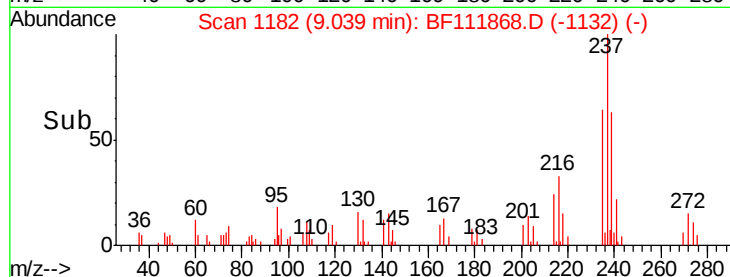
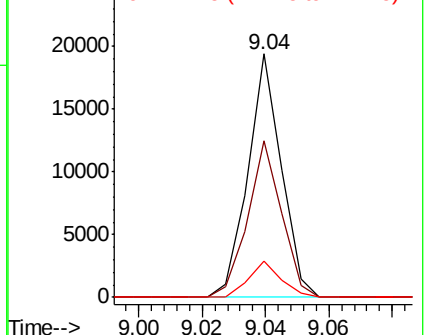
237 100

235 64.4 42.6 82.6

272 15.1 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: 5.904 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

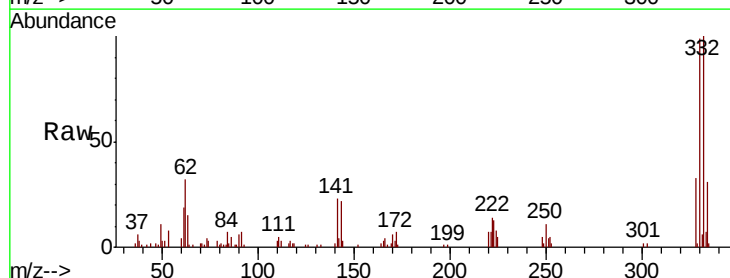
Tgt Ion:330 Resp: 33178

Ion Ratio Lower Upper

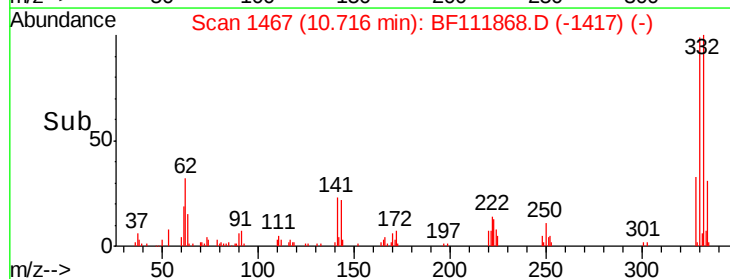
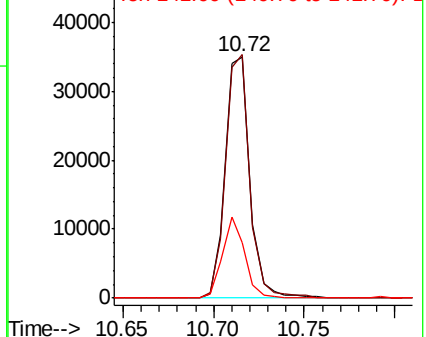
330 100

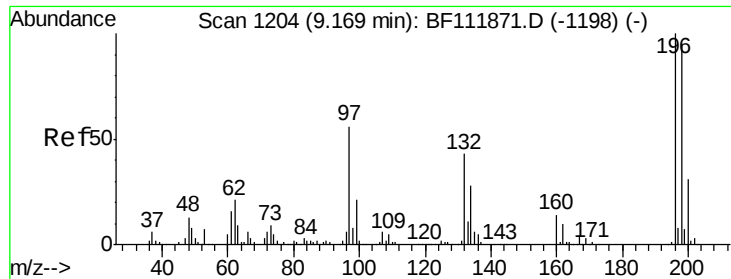
332 98.8 76.9 115.3

141 30.2 23.7 35.5



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

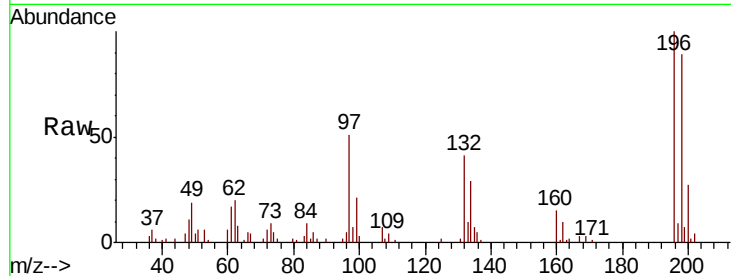




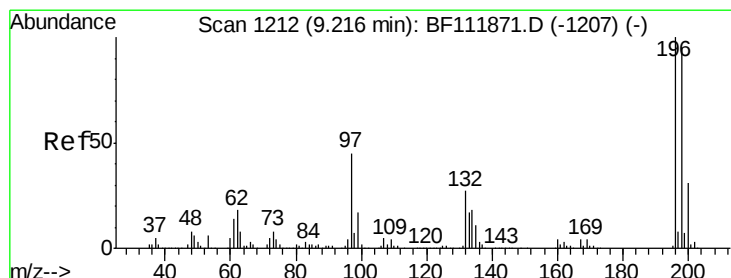
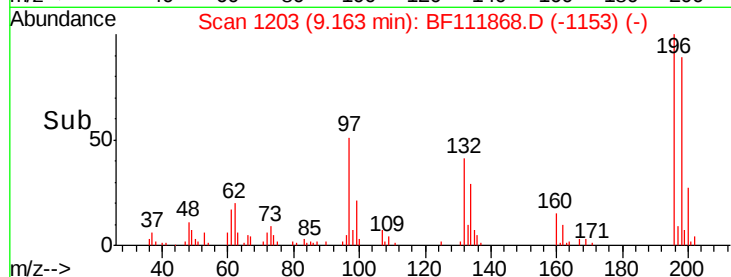
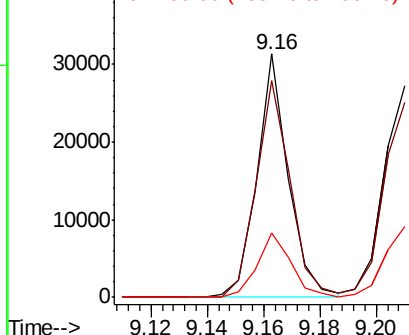
#43
 2,4,6-Trichlorophenol
 Concen: 2.316 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 24164
 Ion Ratio Lower Upper
 196 100
 198 89.0 75.8 113.8
 200 26.6 24.5 36.7

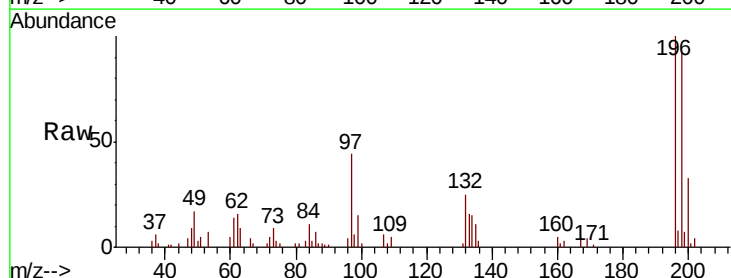


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

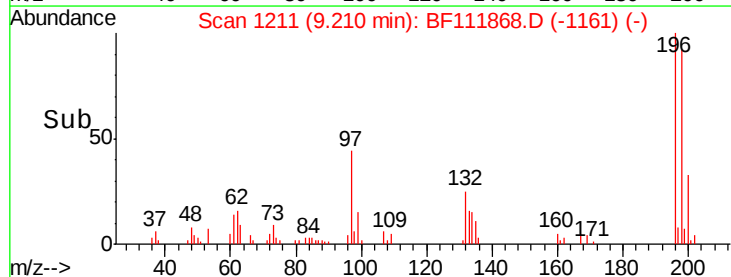
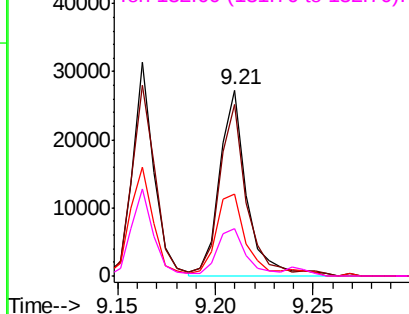


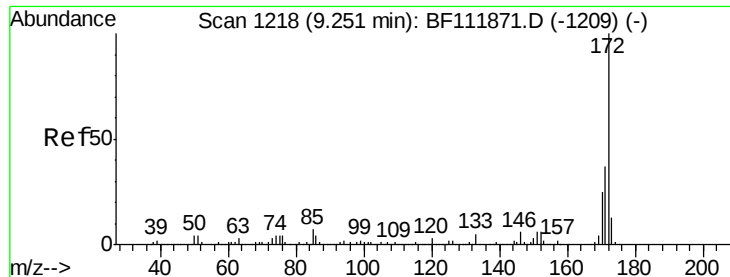
#44
 2,4,5-Trichlorophenol
 Concen: 2.456 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Tgt Ion:196 Resp: 26292
 Ion Ratio Lower Upper
 196 100
 198 92.0 76.2 114.2
 97 44.0 36.4 54.6
 132 25.2 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

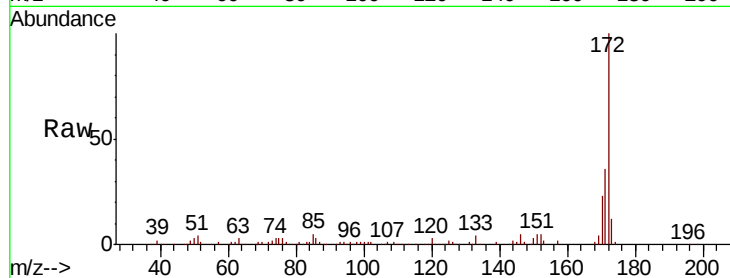




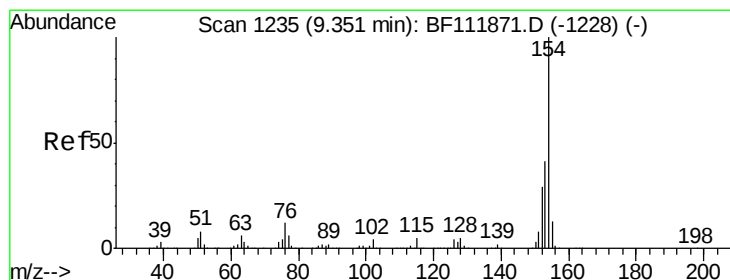
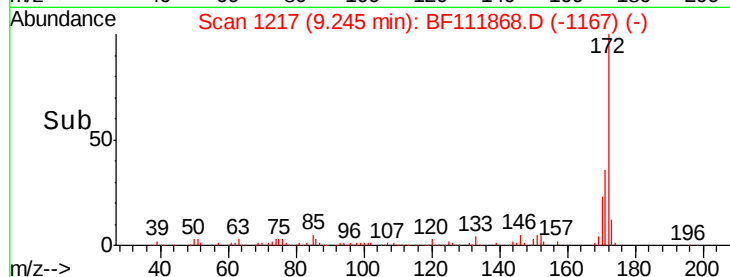
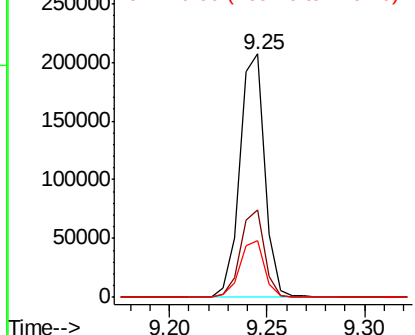
#45
2-Fluorobiphenyl
Concen: 5.633 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 183825
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.3 19.8 29.8

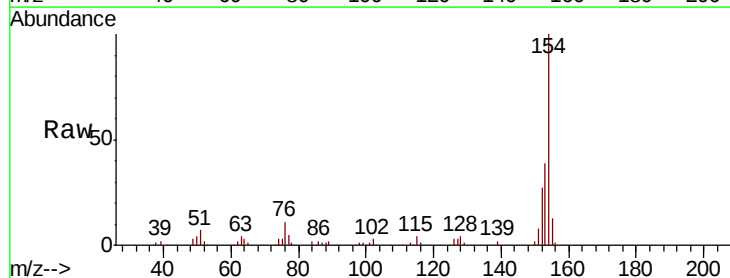


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

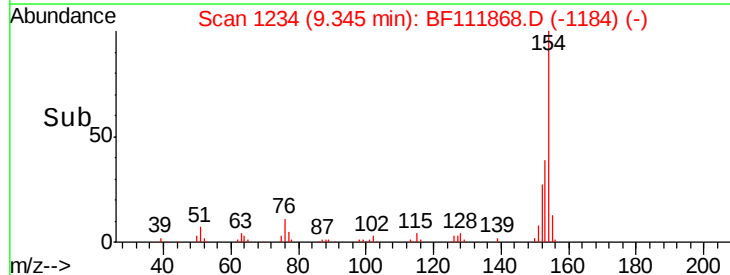
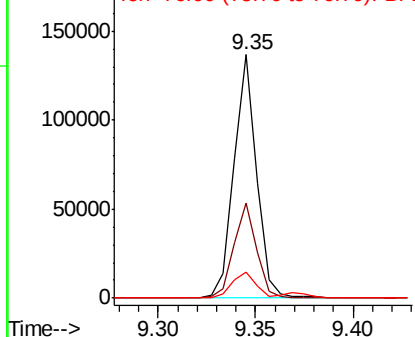


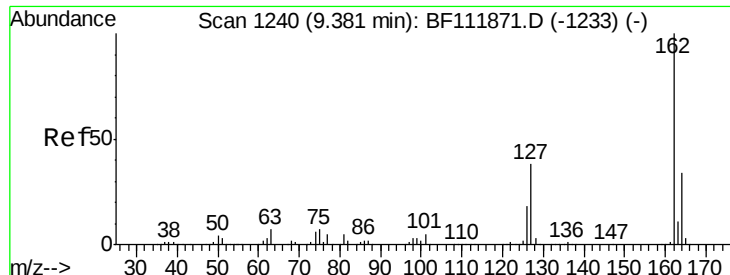
#46
1,1'-Biphenyl
Concen: 2.732 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:154 Resp: 109689
Ion Ratio Lower Upper
154 100
153 39.0 21.3 61.3
76 10.9 0.0 32.3



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





#47

2-Chloronaphthalene

Concen: 2.680 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

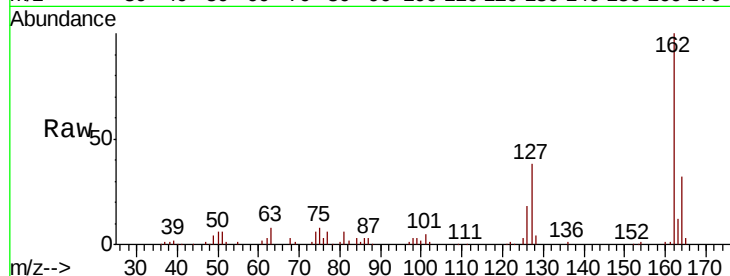
Tot Ion:162 Resp: 85256

Ion Ratio Lower Upper

162 100

127 37.8 31.2 46.8

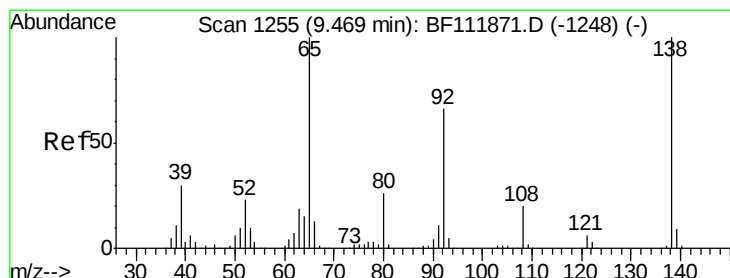
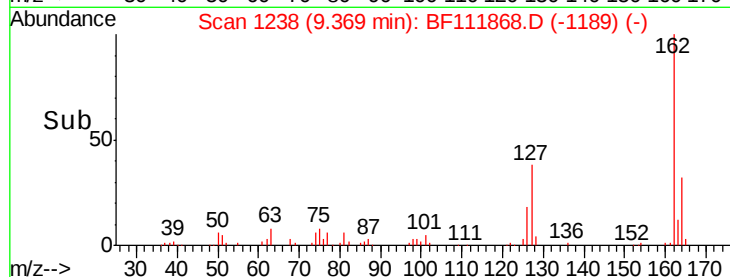
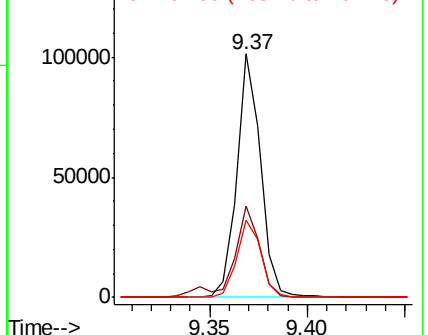
164 31.6 27.0 40.6



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: 2.826 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

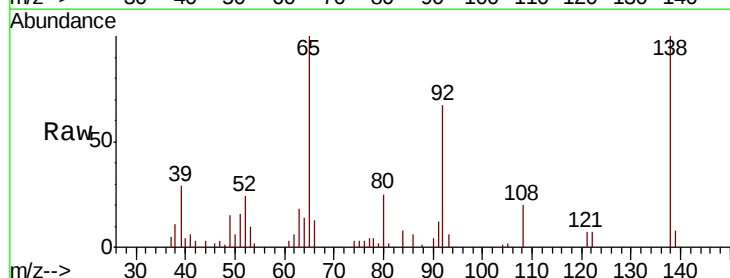
Tgt Ion: 65 Resp: 23386

Ion Ratio Lower Upper

65 100

92 67.3 52.5 78.7

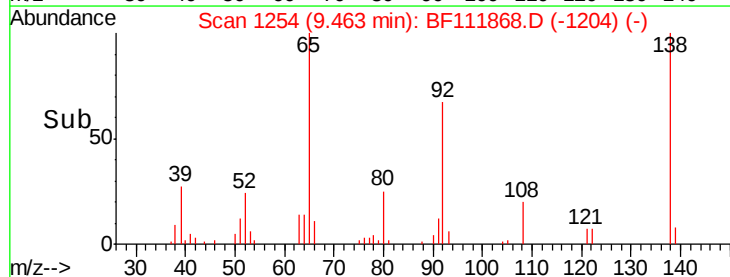
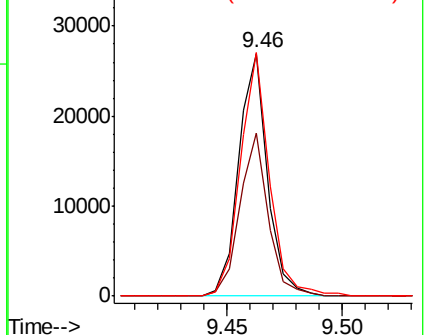
138 100.3 79.8 119.6

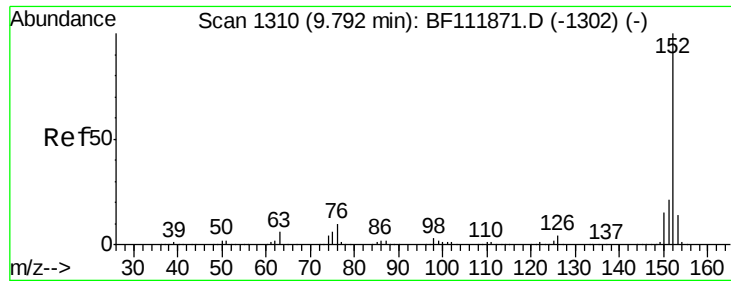


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 2.758 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

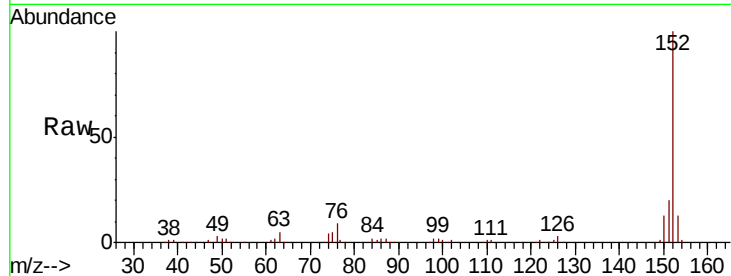
Tot Ion:152 Resp: 128076

Ion Ratio Lower Upper

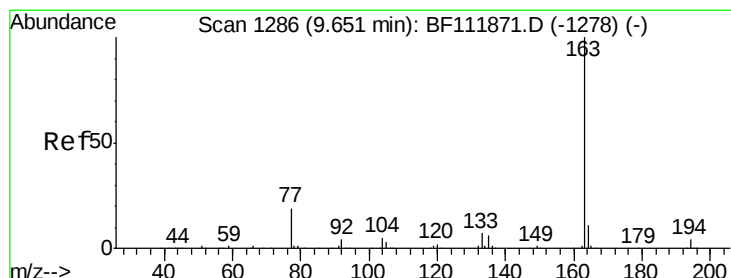
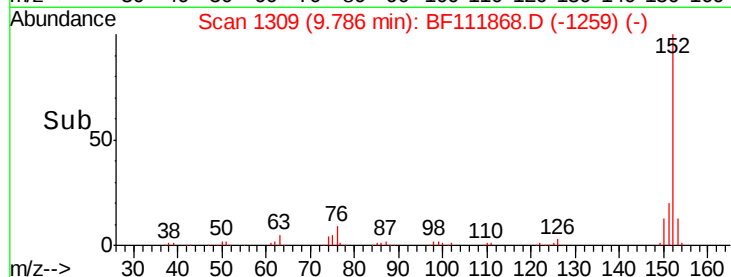
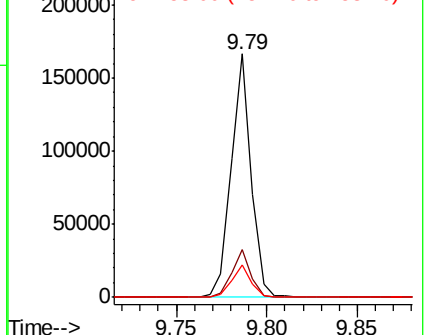
152 100

151 19.6 16.6 25.0

153 13.1 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: 2.785 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

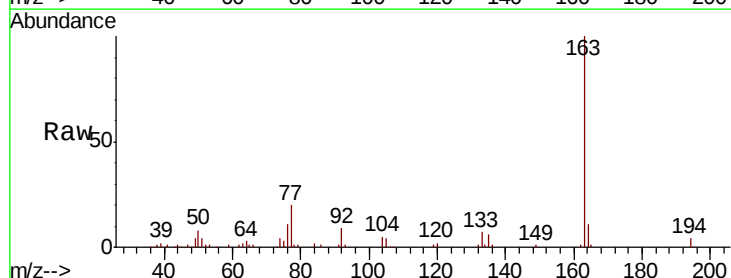
Tgt Ion:163 Resp: 96883

Ion Ratio Lower Upper

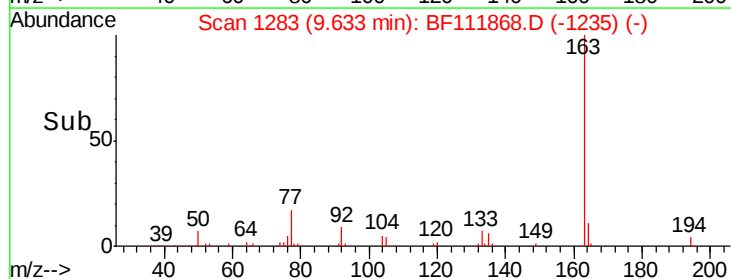
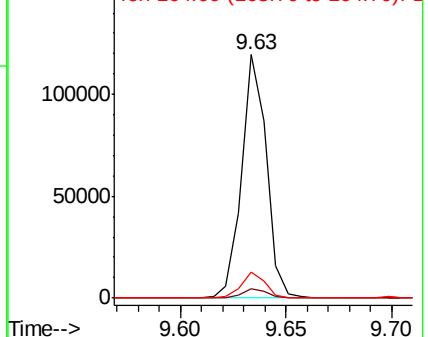
163 100

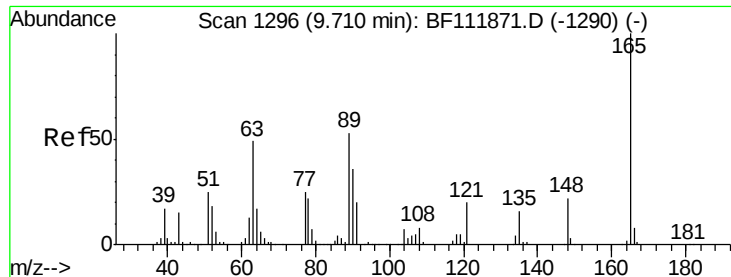
194 3.8 3.4 5.2

164 10.6 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

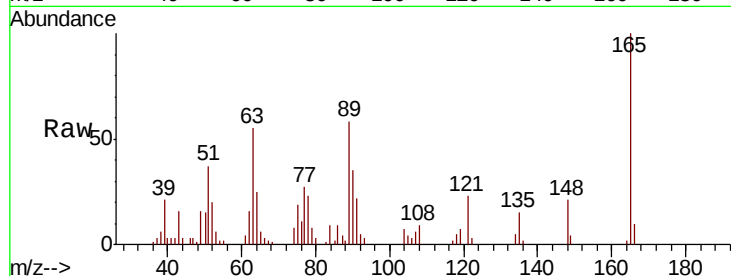




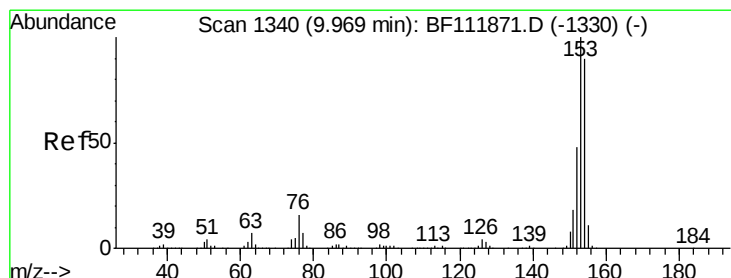
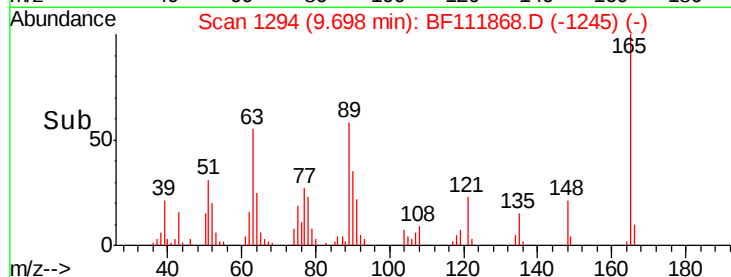
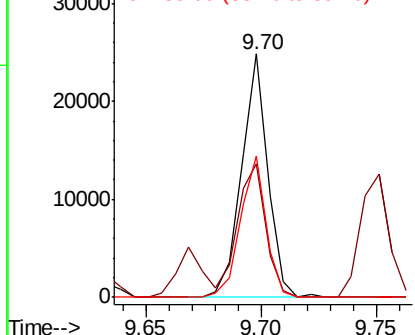
#51
2,6-Dinitrotoluene
Concen: 2.832 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 19644
Ion Ratio Lower Upper
165 100
63 54.9 46.2 69.2
89 57.9 42.2 63.2

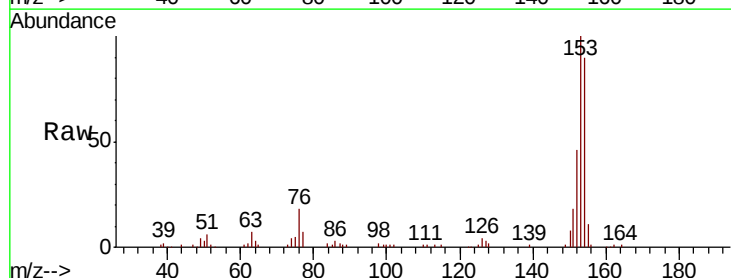


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

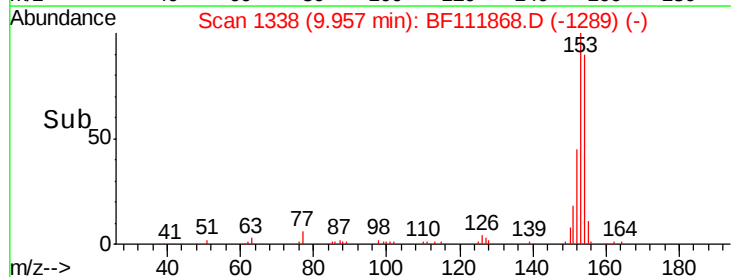
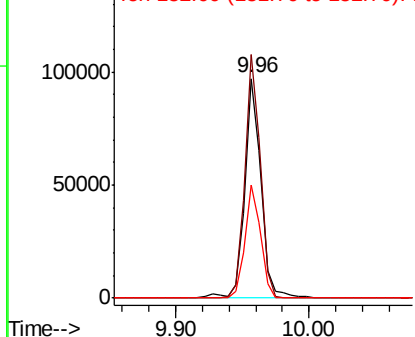


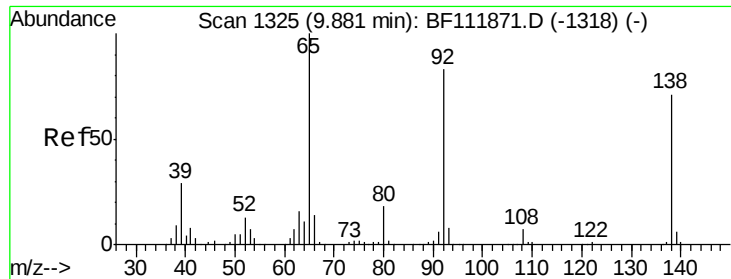
#52
Acenaphthene
Concen: 2.864 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:154 Resp: 82047
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 51.6 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

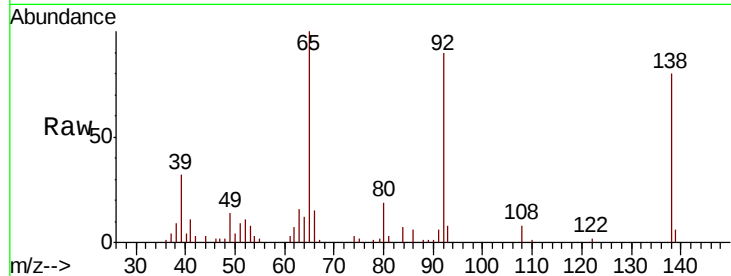




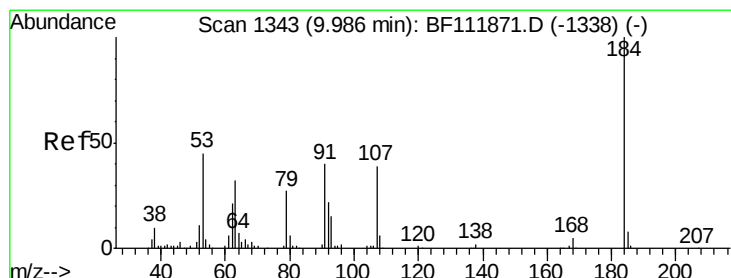
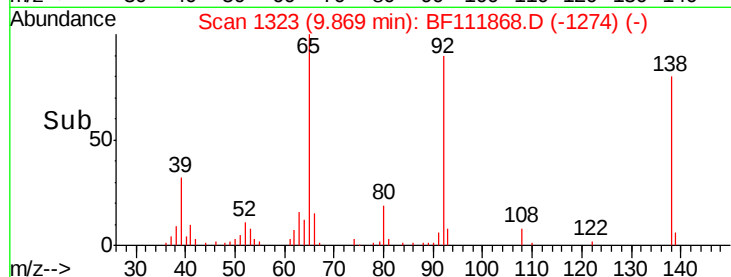
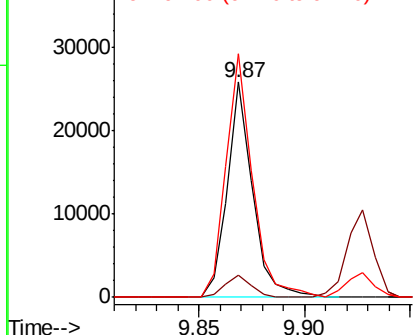
#53
3-Nitroaniline
Concen: 2.900 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 21453
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 113.1 93.5 140.3

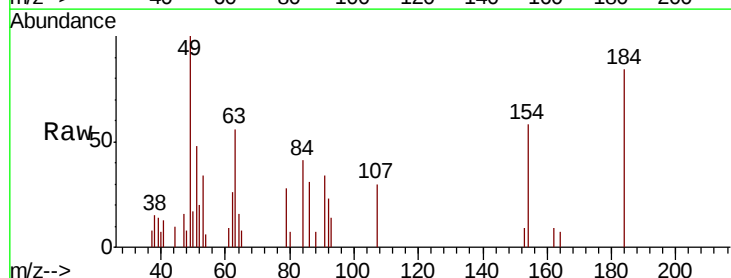


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

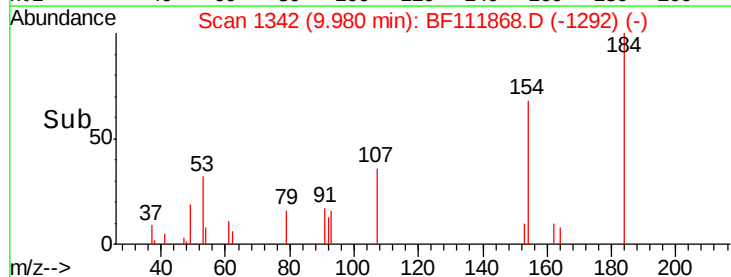
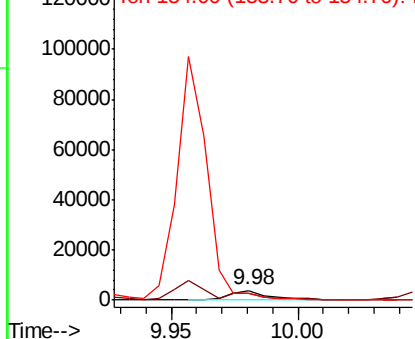


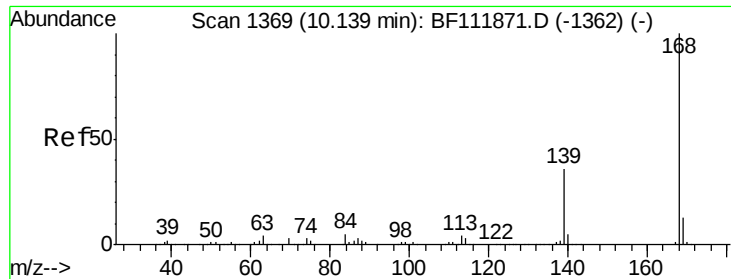
#54
2,4-Dinitrophenol
Concen: 2.183 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:184 Resp: 4085
Ion Ratio Lower Upper
184 100
63 66.2 46.9 70.3
154 68.5 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

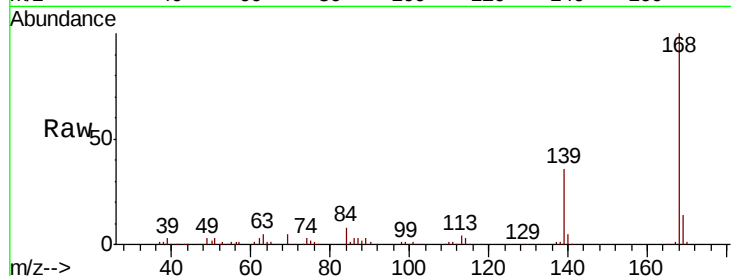




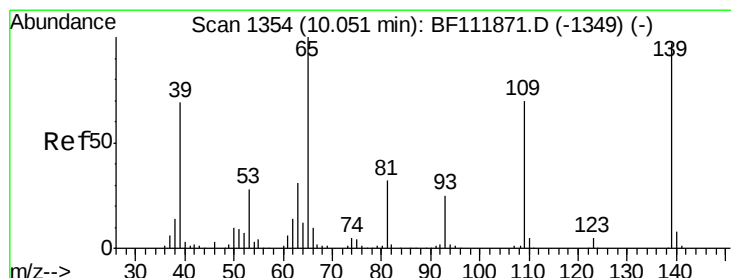
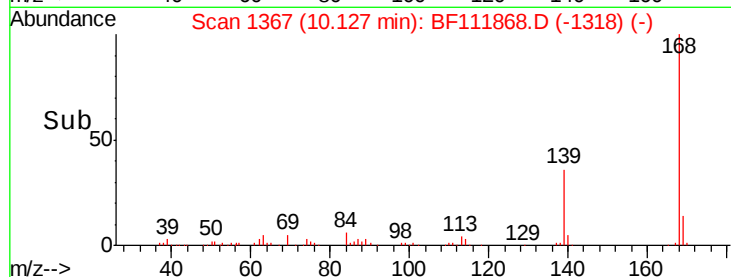
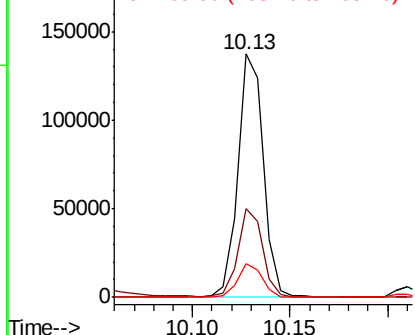
#55
Dibenzofuran
Concen: 2.868 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 124123
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 13.9 10.6 16.0

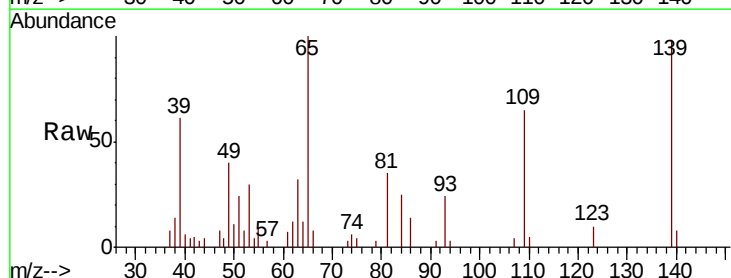


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

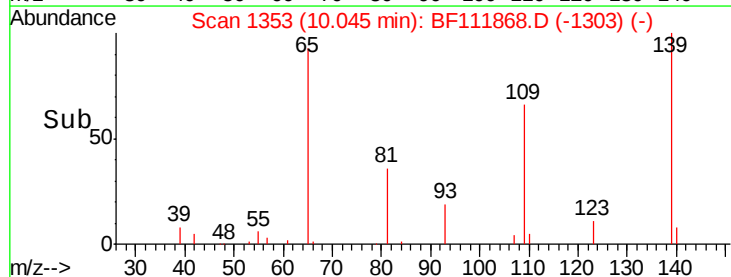
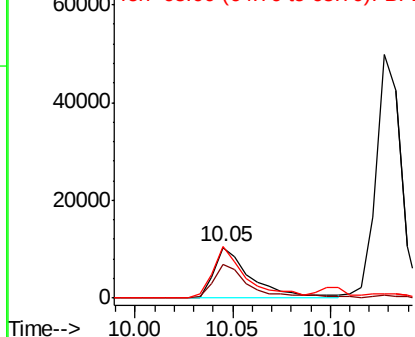


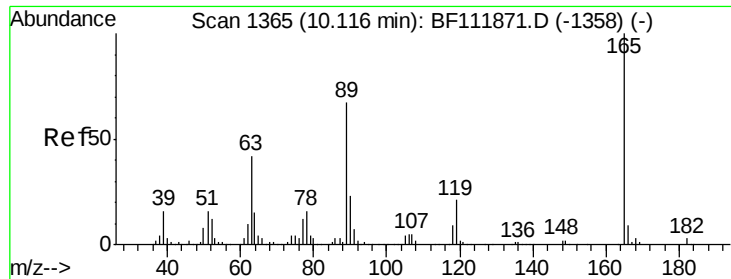
#56
4-Nitrophenol
Concen: 2.421 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:139 Resp: 13664
Ion Ratio Lower Upper
139 100
109 66.4 52.2 92.2
65 101.7 83.1 123.1



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

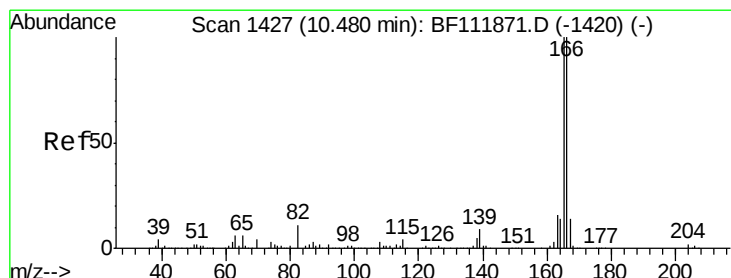
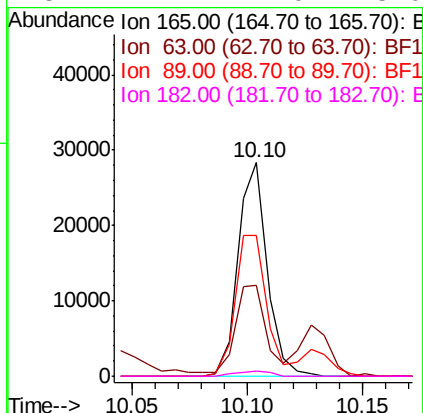
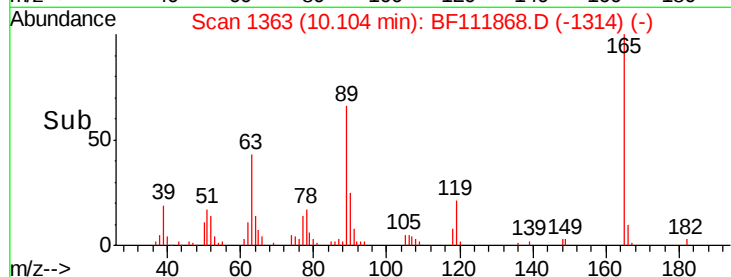
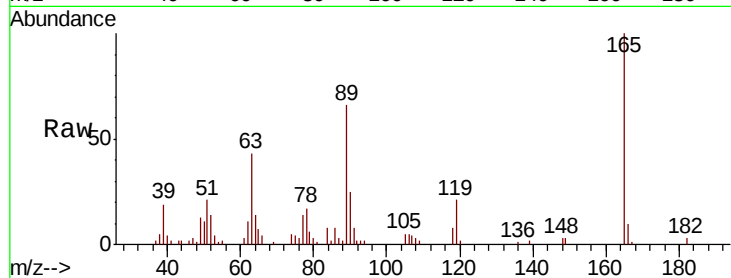




#57
2,4-Dinitrotoluene
Concen: 2.995 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

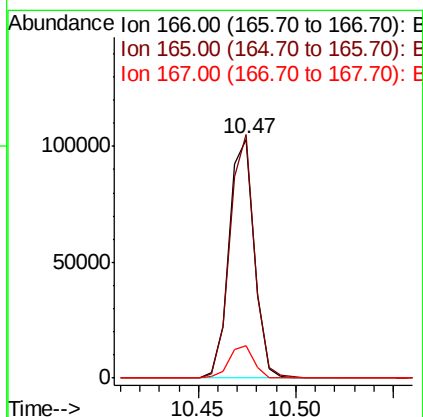
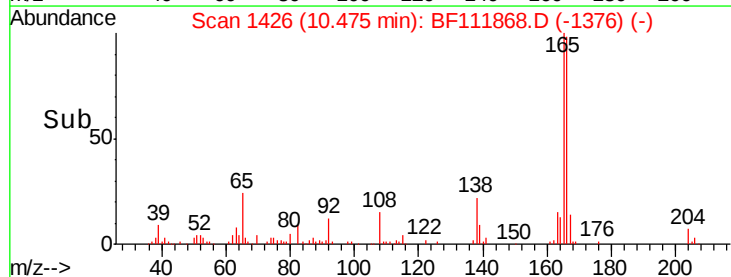
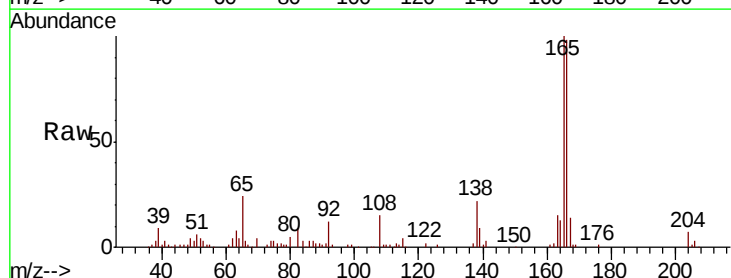
Instrument :
BNA_F
ClientSampleId :

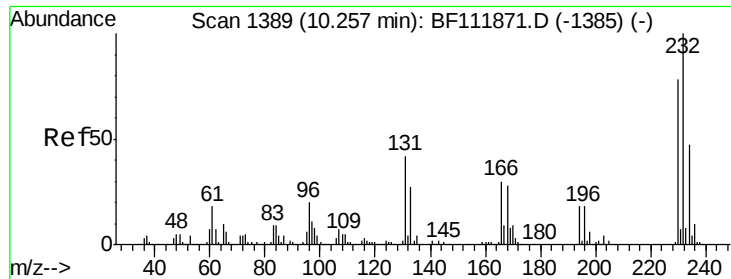
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	34.1	51.1
89	65.8	53.5	80.3
182	2.7	2.0	3.0



#58
Fluorene
Concen: 2.965 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.7	119.5
167	13.8	11.1	16.7

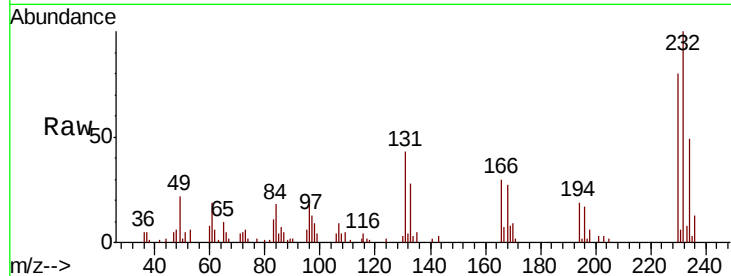




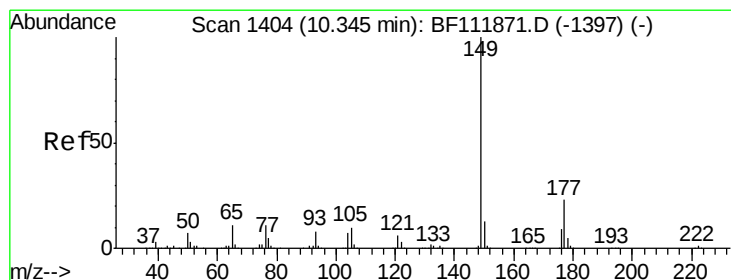
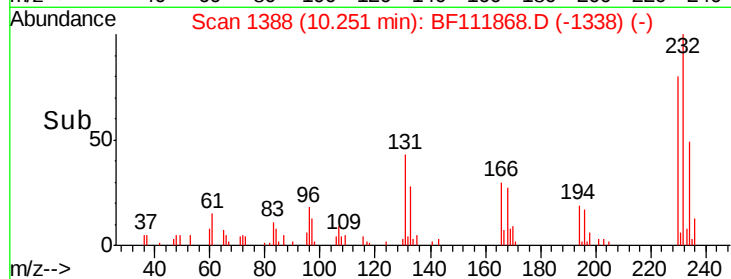
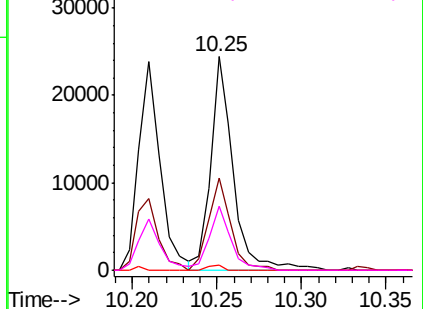
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.531 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	22802
Ion Ratio	Lower	Upper
232	100	
131	42.8	34.0 51.0
130	1.7	1.6 2.4
166	28.9	23.4 35.0

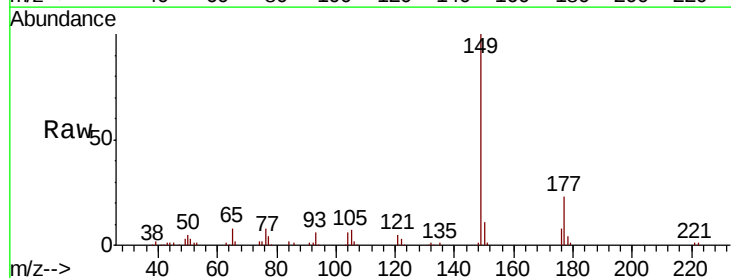


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

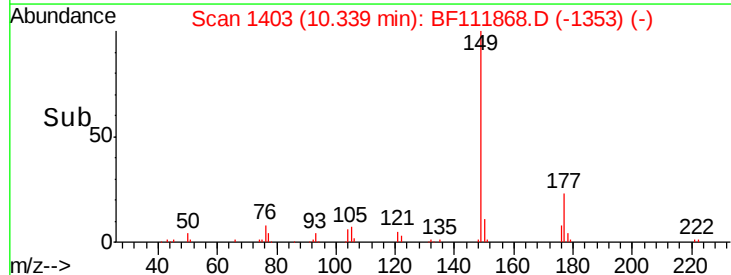
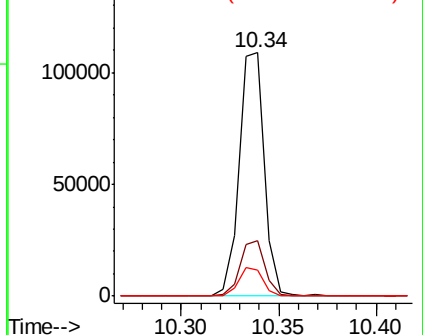


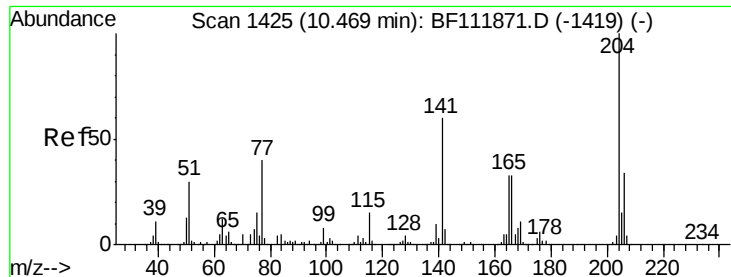
#60
 Diethylphthalate
 Concen: 2.848 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Tgt Ion:149	Resp:	97178
Ion Ratio	Lower	Upper
149	100	
177	22.9	18.3 27.5
150	10.8	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

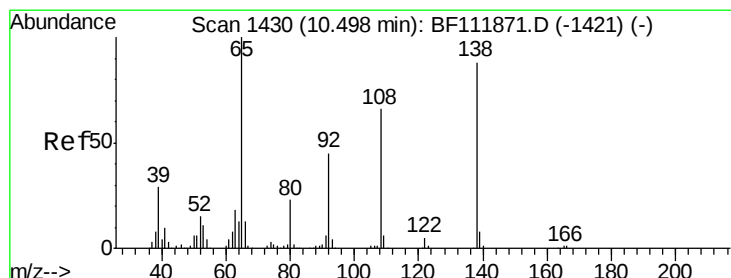
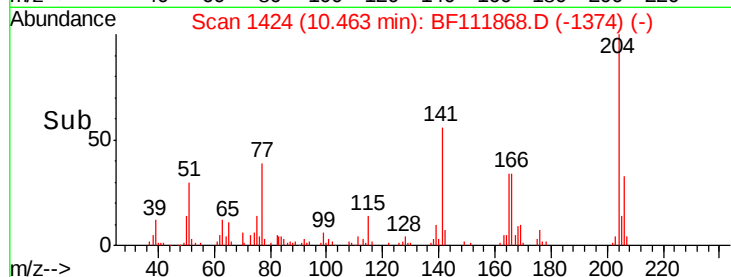
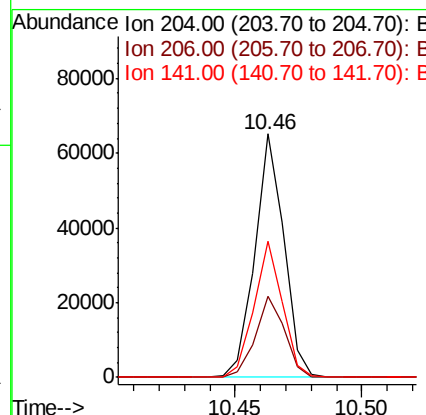
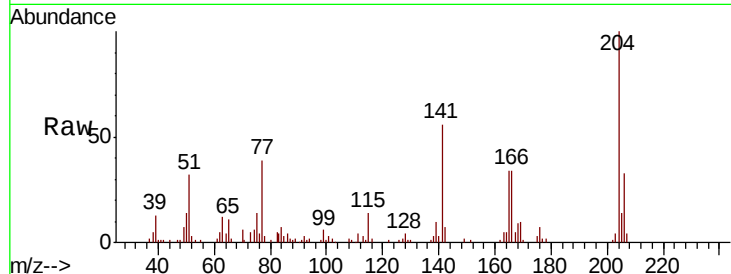




#61
 4-Chlorophenyl-phenylether
 Concen: 3.024 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

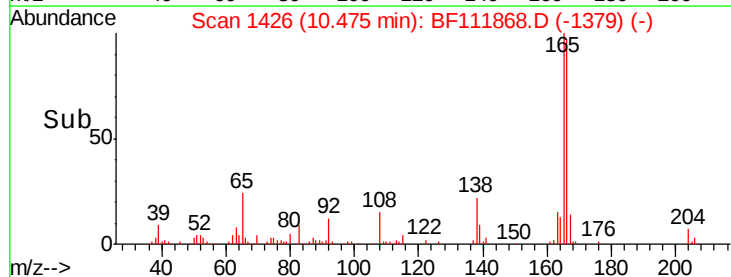
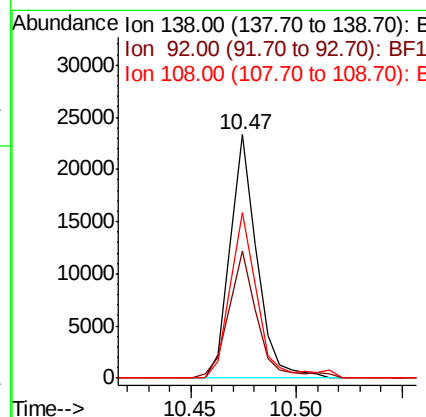
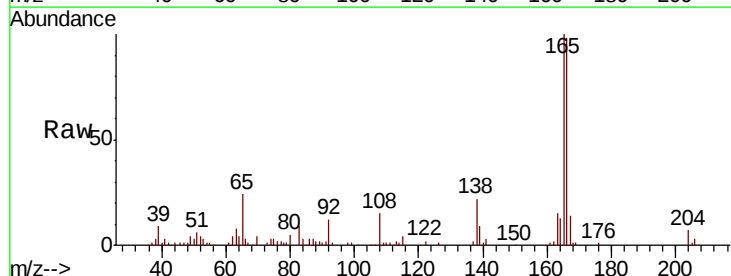
Instrument :
 BNA_F
 ClientSampled :

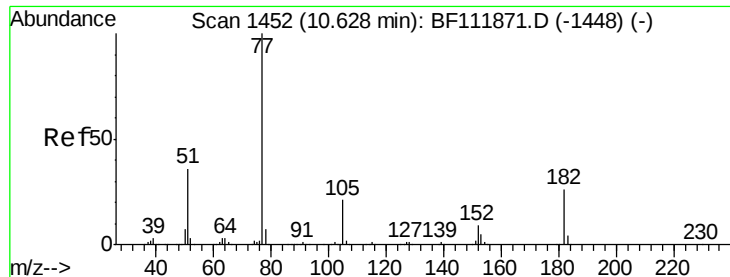
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	55.9	47.9	71.9



#62
 4-Nitroaniline
 Concen: 2.844 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.0	71.0
108	68.1	54.7	94.7





#63

Azobenzene

Concen: 2.756 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 94394

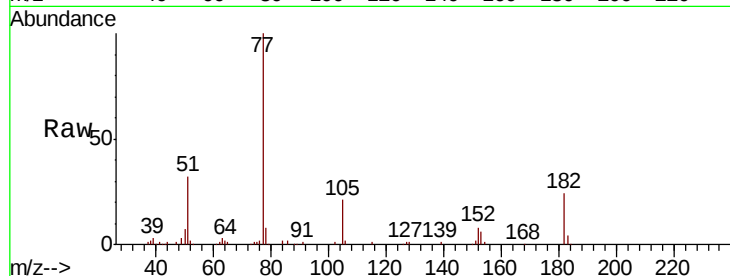
Ion Ratio Lower Upper

77 100

182 23.8 5.7 45.7

105 20.8 0.8 40.8

51 32.0 15.6 55.6

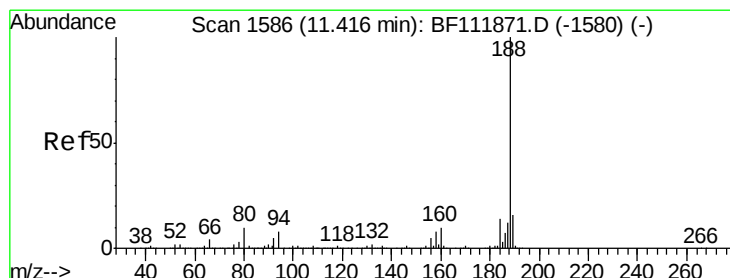
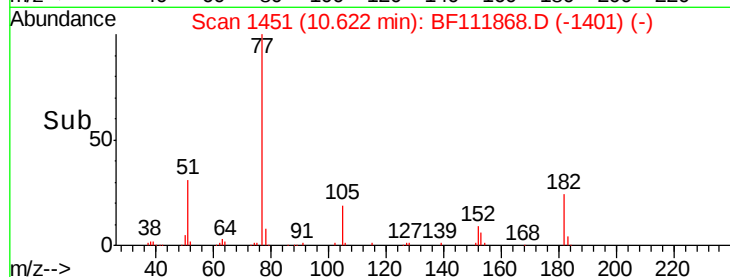
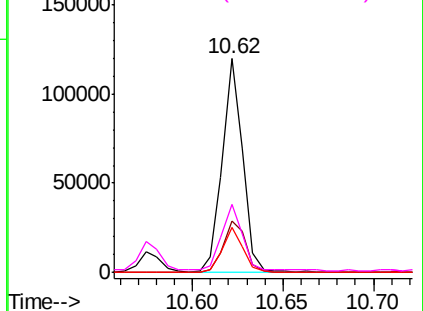


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

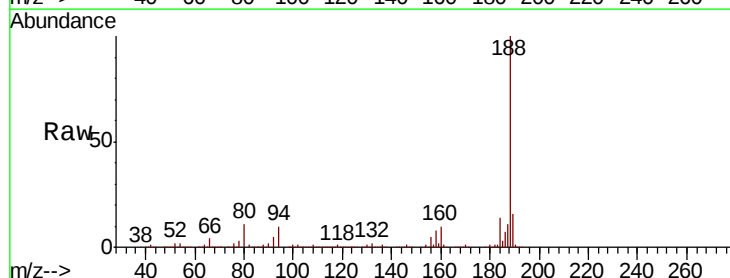
Tgt Ion: 188 Resp: 938228

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

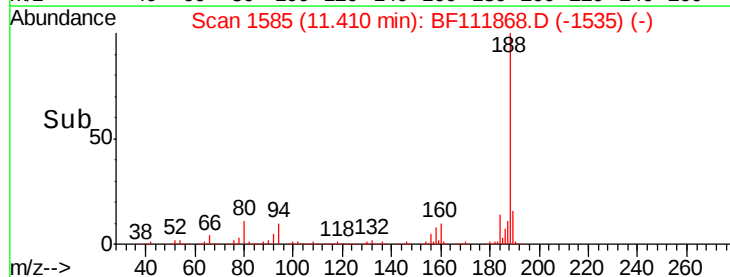
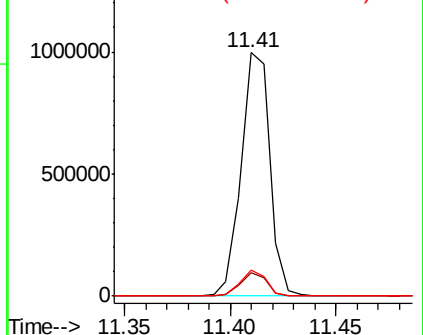
80 10.5 7.7 11.5

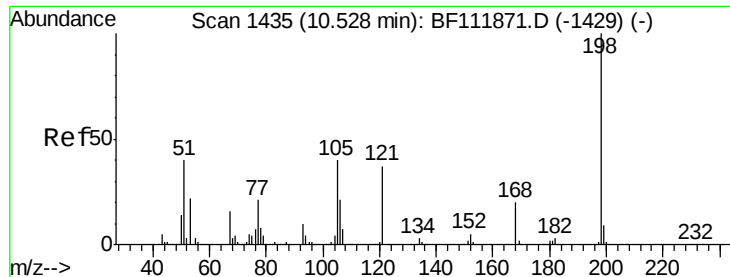


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.750 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampled :

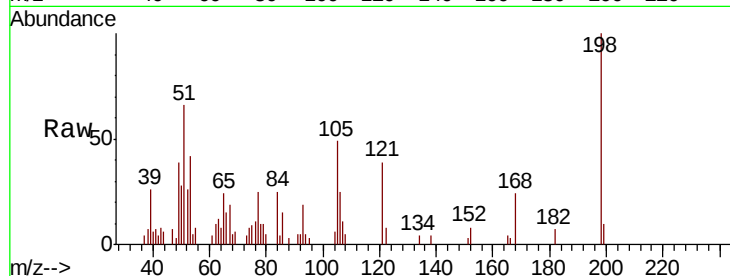
Tot Ion:198 Resp: 9638

Ion Ratio Lower Upper

198 100

51 66.3 27.2 67.2

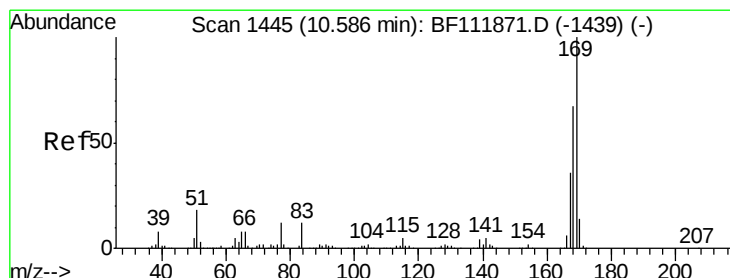
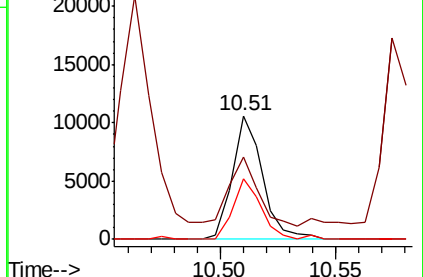
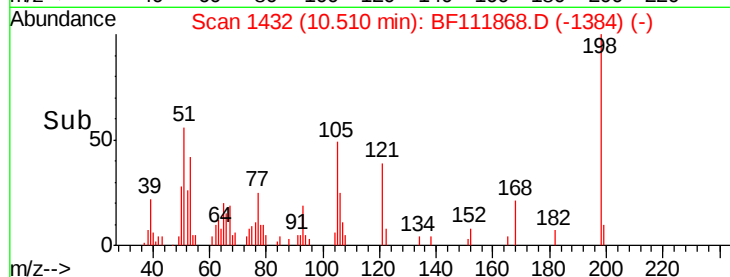
105 48.6 21.0 61.0



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: 2.754 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

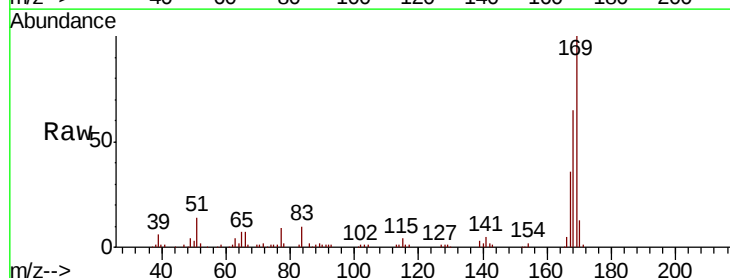
Tgt Ion:169 Resp: 86734

Ion Ratio Lower Upper

169 100

168 64.6 53.8 80.6

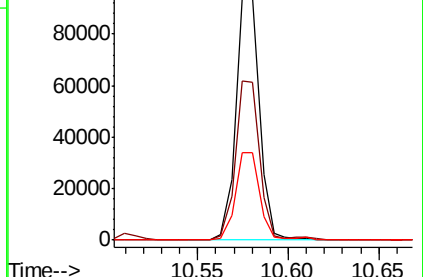
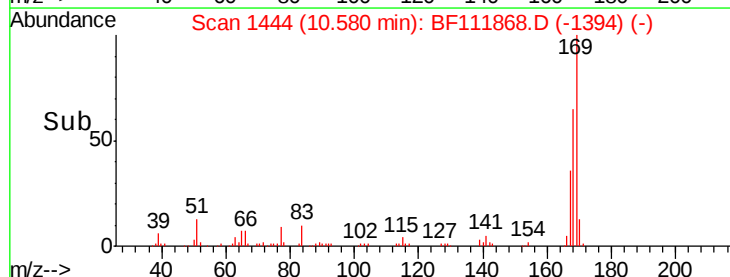
167 36.0 29.1 43.7

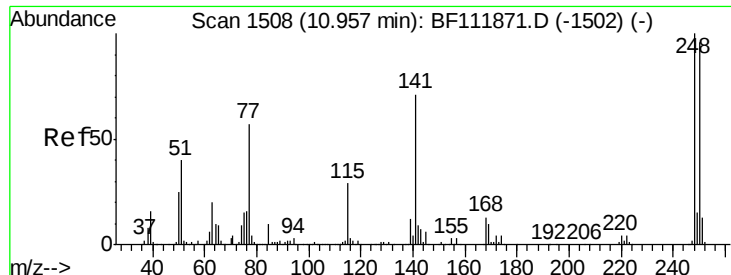


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

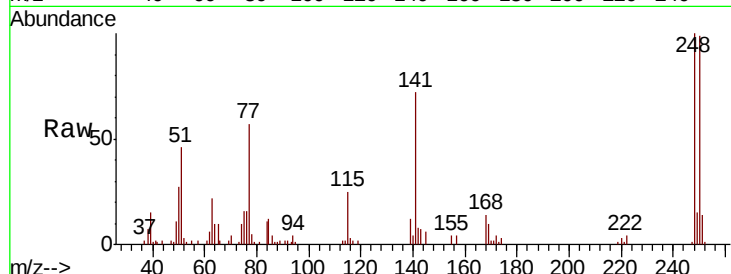




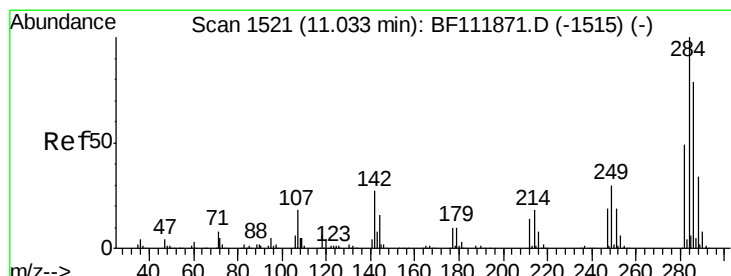
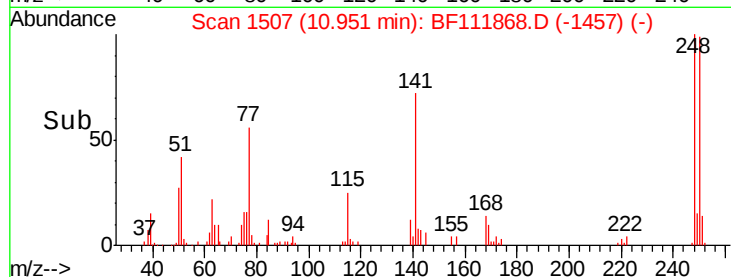
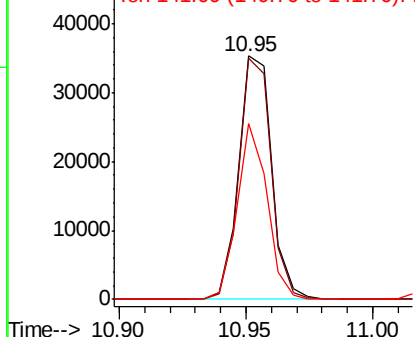
#67
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31837
Ion Ratio Lower Upper
248 100
250 98.9 76.8 115.2
141 72.3 57.0 85.6

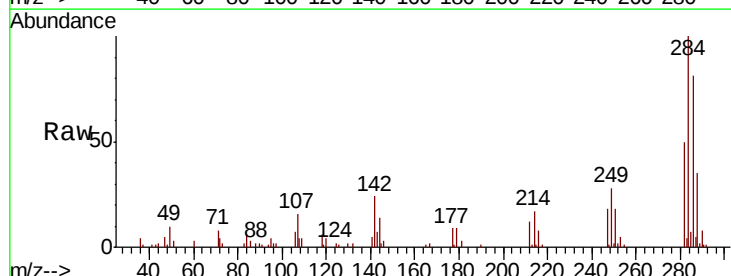


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

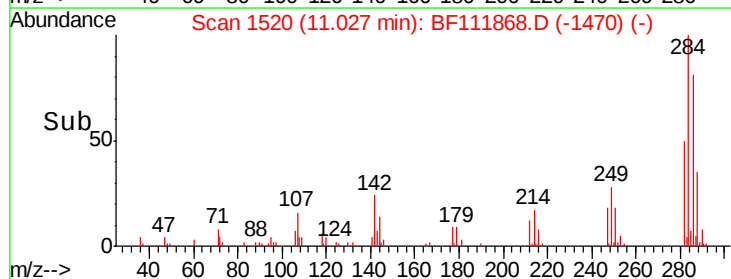
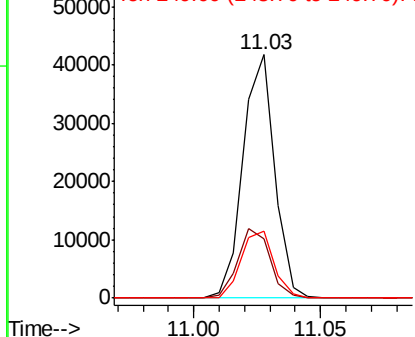


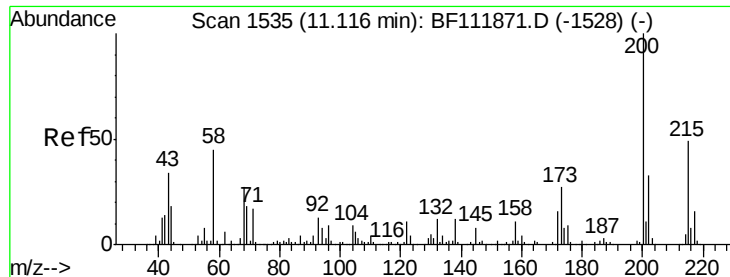
#68
Hexachlorobenzene
Concen: 2.784 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:284 Resp: 36118
Ion Ratio Lower Upper
284 100
142 24.2 21.8 32.6
249 27.5 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: 2.662 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.02 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampled :

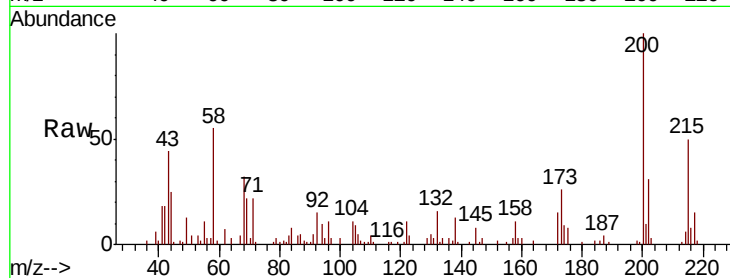
Tot Ion:200 Resp: 29124

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

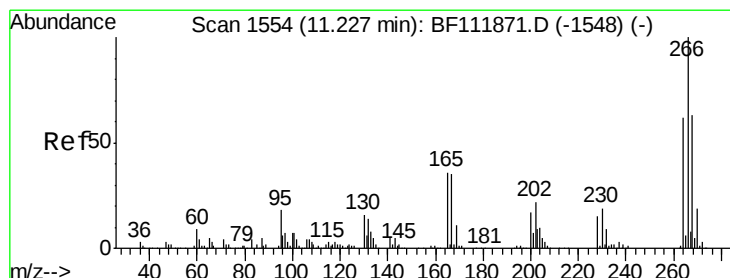
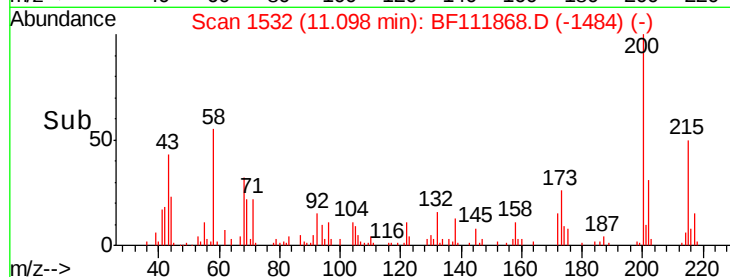
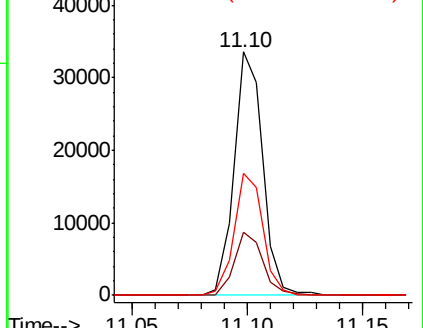
215 49.9 28.9 68.9



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: 1.557 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

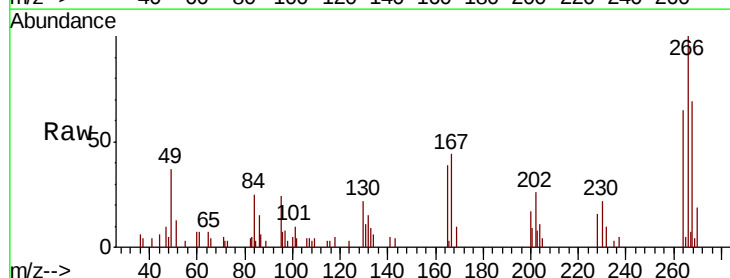
Tgt Ion:266 Resp: 12490

Ion Ratio Lower Upper

266 100

268 68.6 50.6 76.0

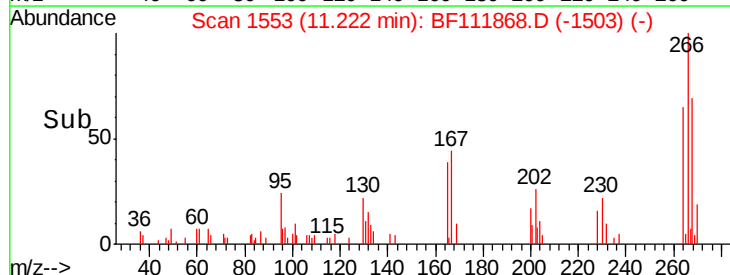
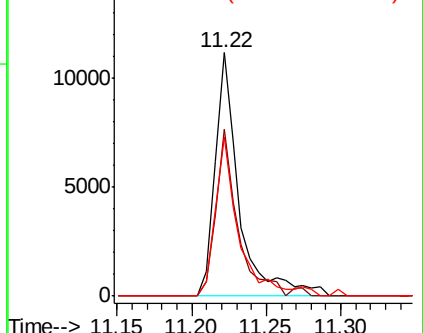
264 65.1 49.3 73.9

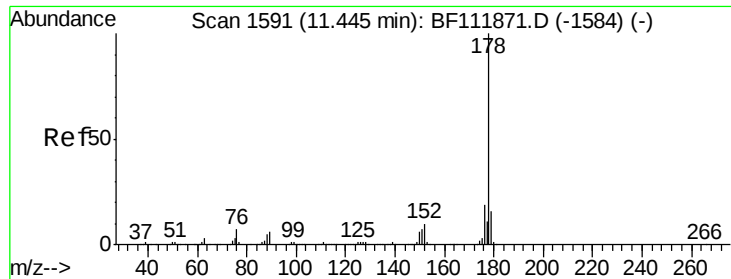


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 2.873 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

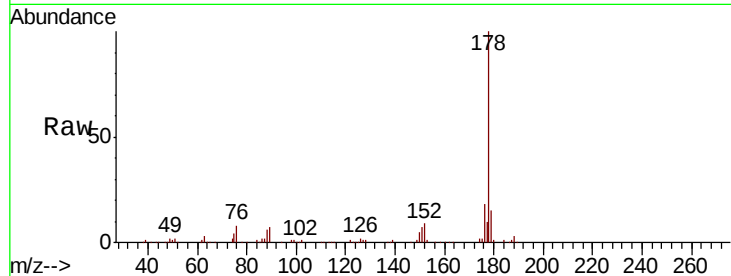
Tot Ion:178 Resp: 142959

Ion Ratio Lower Upper

178 100

176 17.6 15.6 23.4

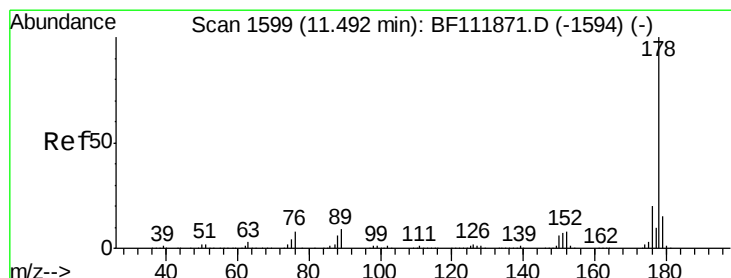
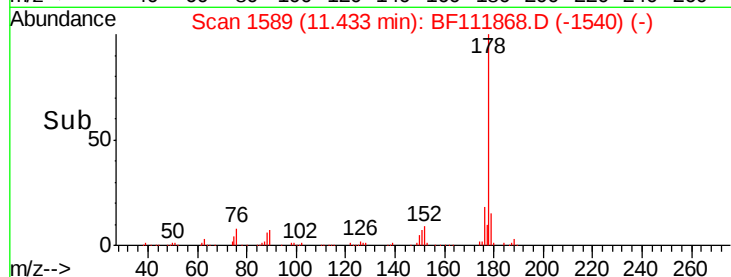
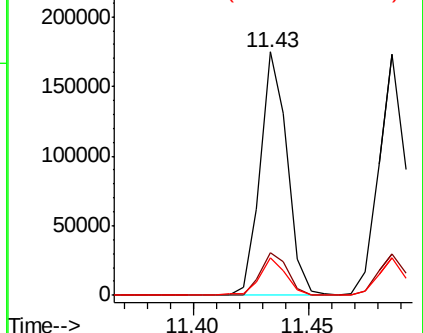
179 15.2 12.6 18.8



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: 2.820 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

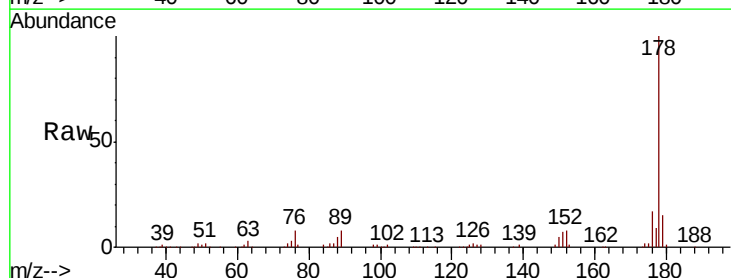
Tgt Ion:178 Resp: 140847

Ion Ratio Lower Upper

178 100

176 17.3 15.7 23.5

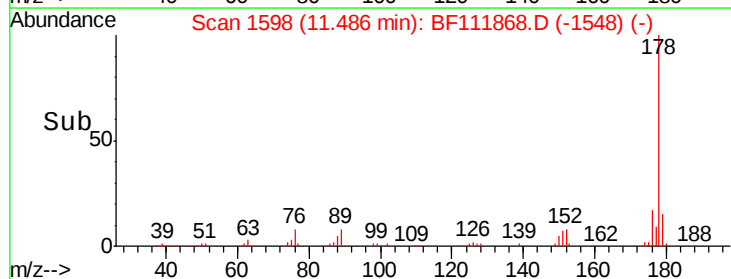
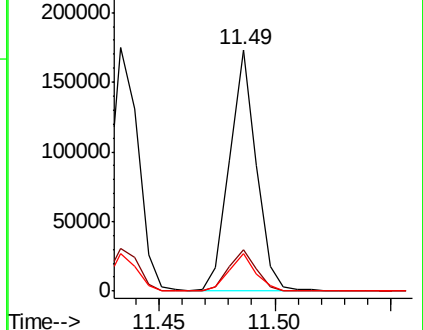
179 15.3 12.4 18.6

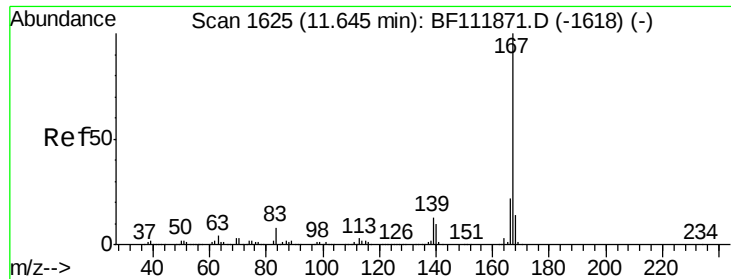


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

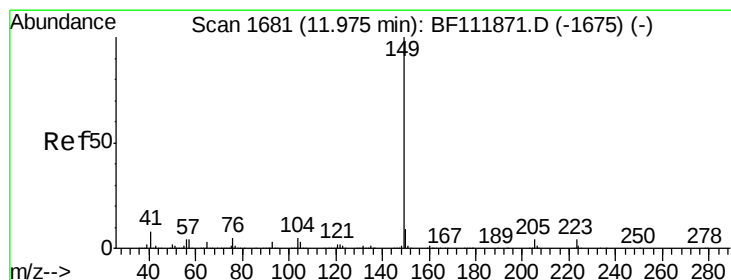
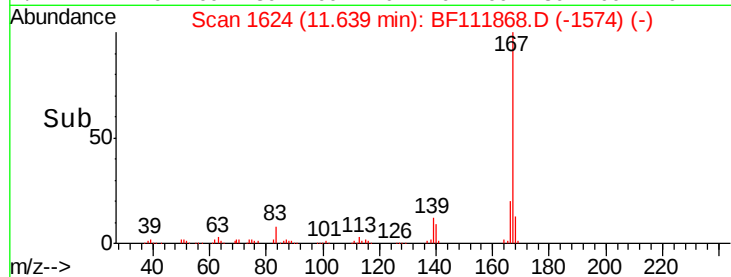
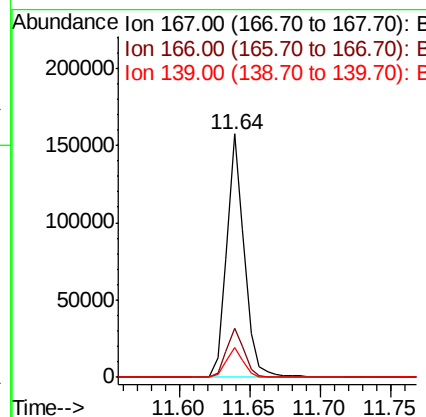
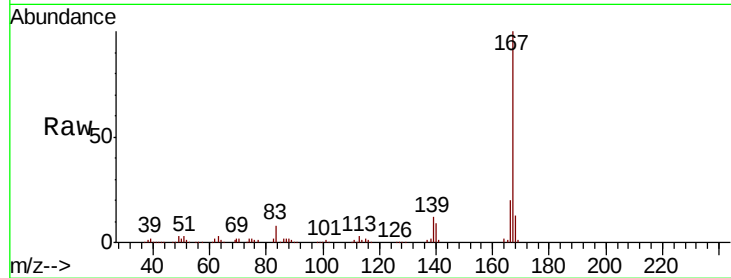




#73
 Carbazole
 Concen: 2.820 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

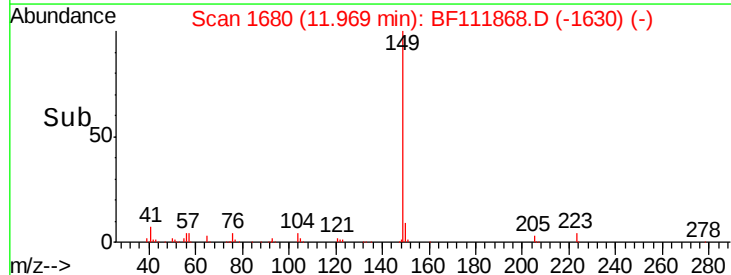
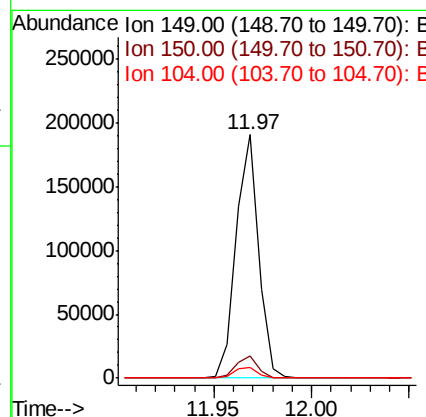
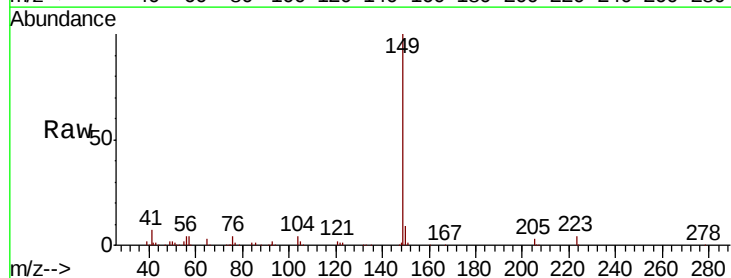
Instrument :
 BNA_F
 ClientSampleId :

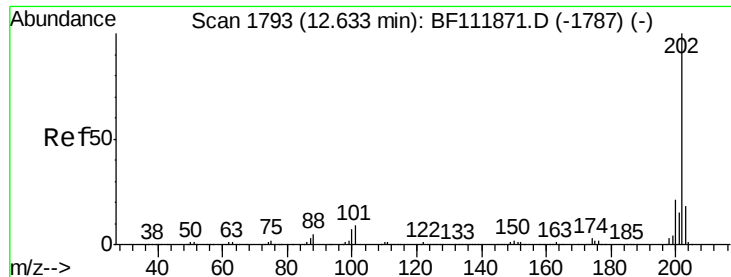
Tot Ion:167 Resp: 136720
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.8 26.6
 139 12.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 2.809 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111868.D
 Acq: 7 Jan 2019 10:29

Tgt Ion:149 Resp: 152689
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.2 3.9 5.9

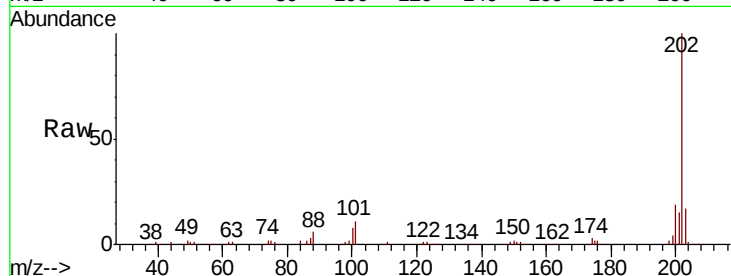




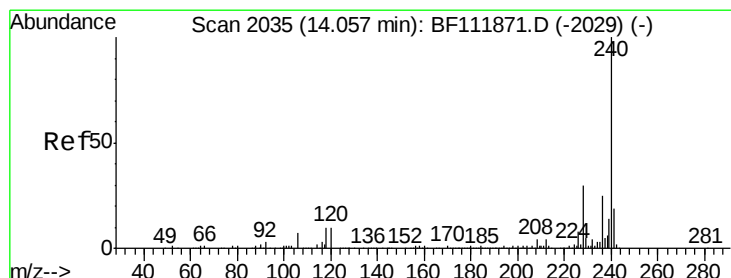
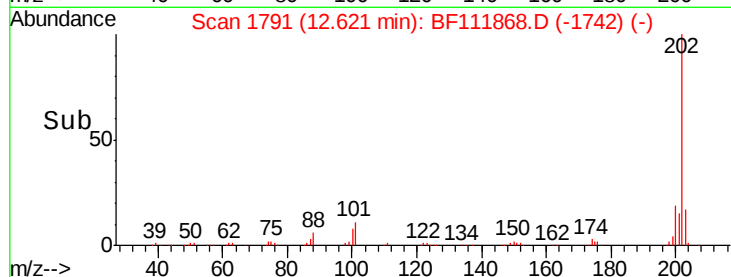
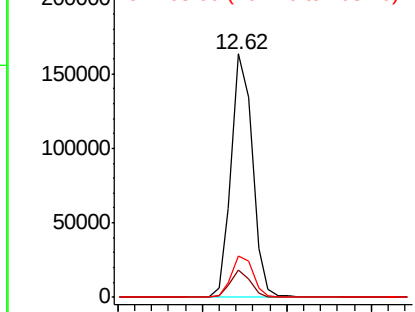
#75
Fluoranthene
Concen: 2.849 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.3
203	17.1	0.0	37.6

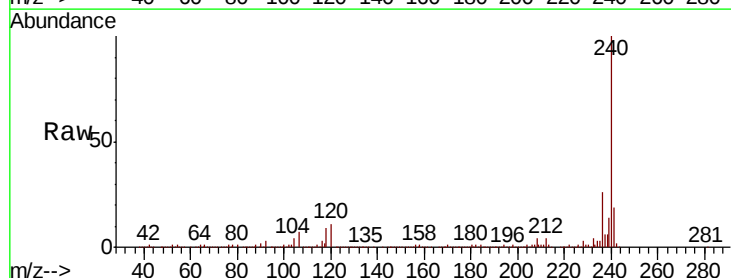


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

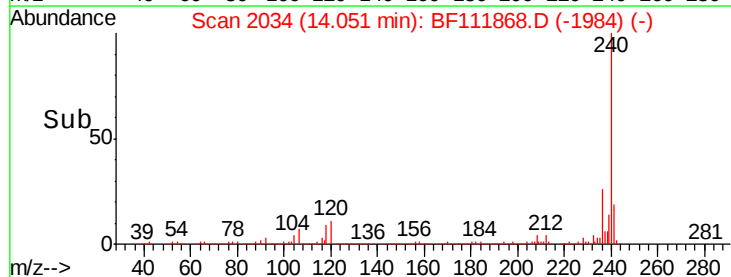
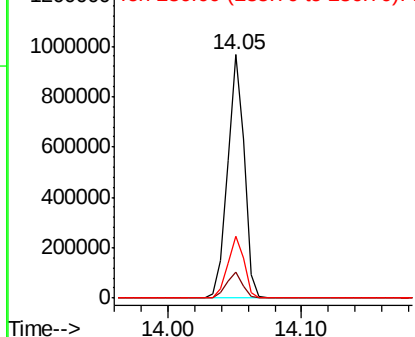


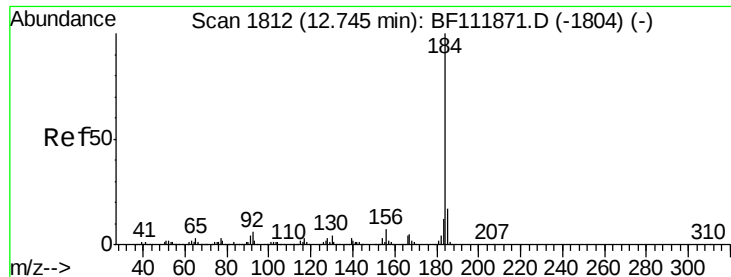
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.2	12.2
236	25.6	20.2	30.4



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





#77

Benzidine

Concen: 2.796 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

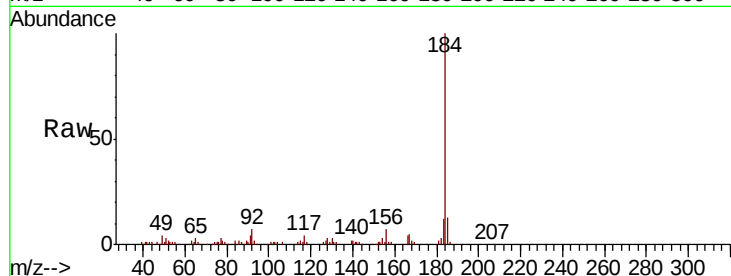
Tot Ion:184 Resp: 89995

Ion Ratio Lower Upper

184 100

185 13.5 13.4 20.0

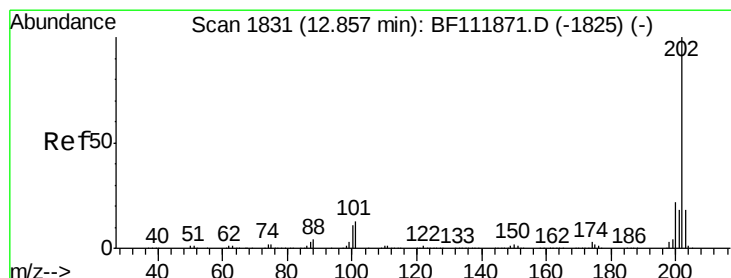
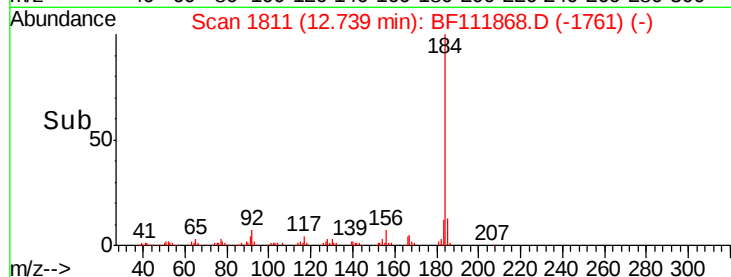
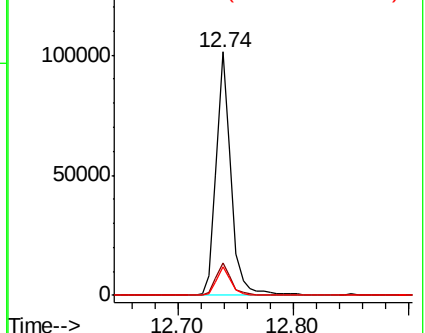
183 11.6 9.6 14.4



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: 2.496 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

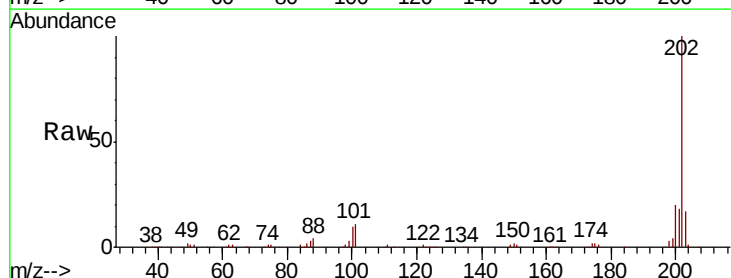
Tgt Ion:202 Resp: 150771

Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

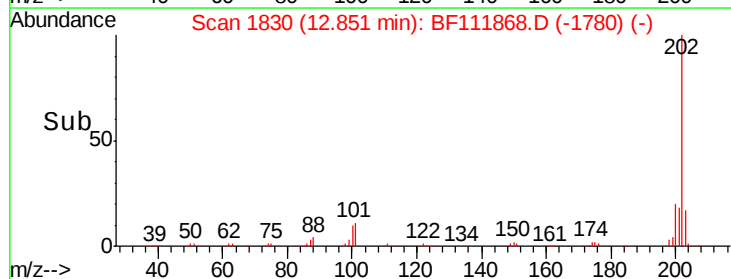
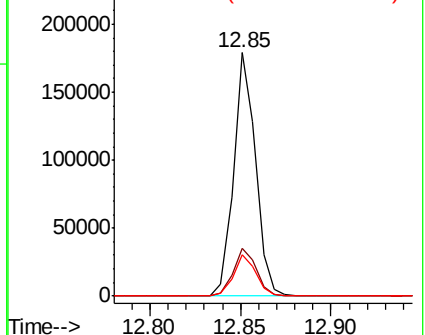
203 16.8 14.6 21.8

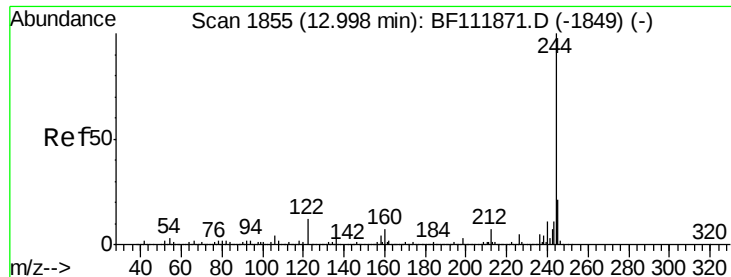


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 5.699 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

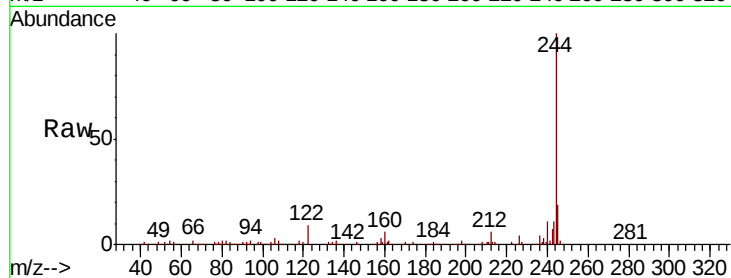
Tot Ion:244 Resp: 257066

Ion Ratio Lower Upper

244 100

212 6.1 5.8 8.8

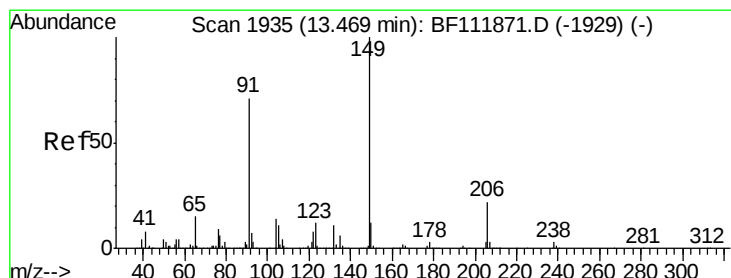
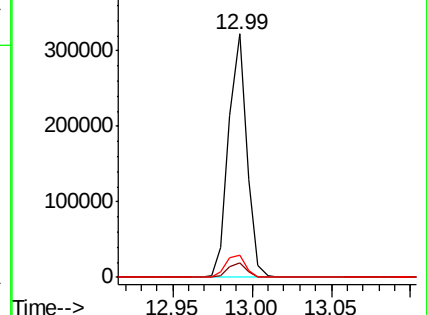
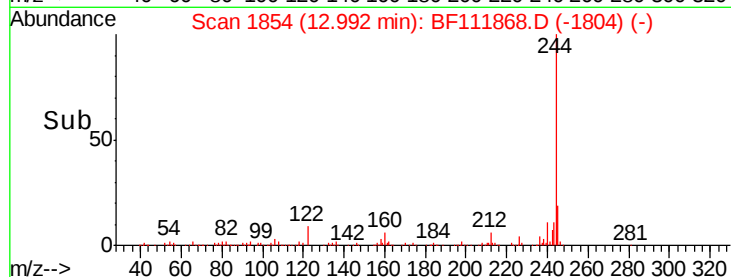
122 9.3 9.5 14.3#



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: 2.424 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

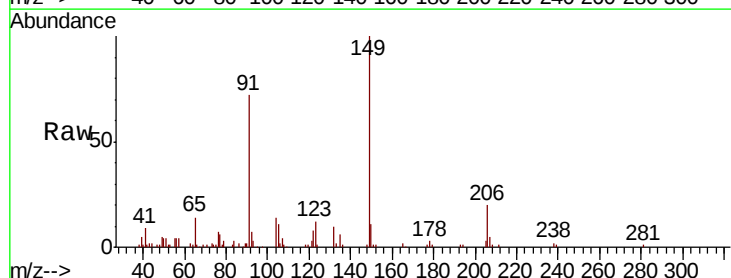
Tgt Ion:149 Resp: 59695

Ion Ratio Lower Upper

149 100

91 71.5 57.2 85.8

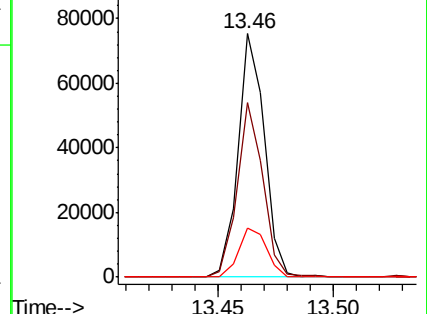
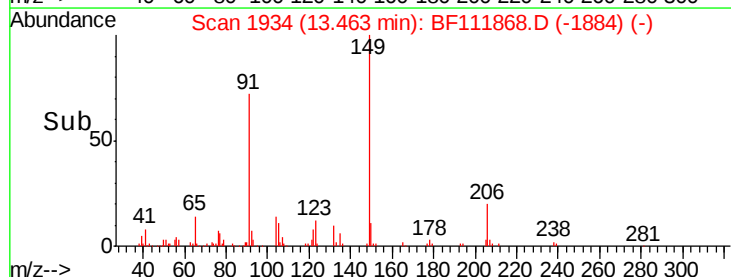
206 20.1 17.3 25.9

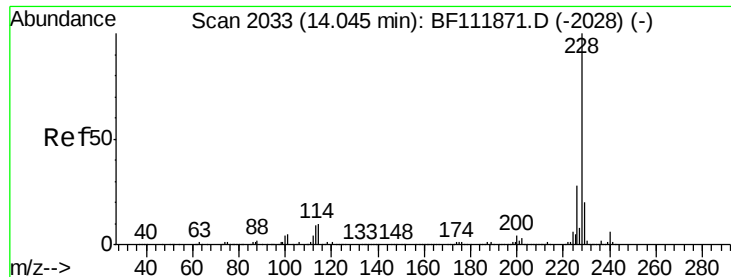


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.788 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

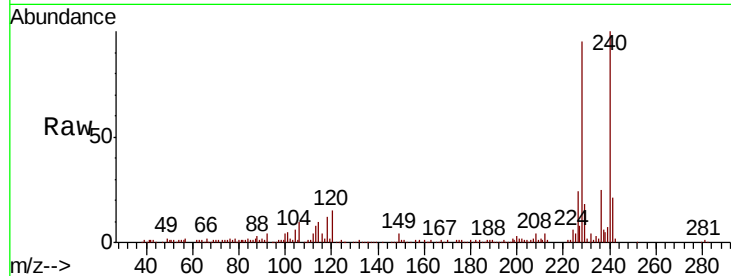
Tot Ion:228 Resp: 136119

Ion Ratio Lower Upper

228 100

226 25.5 22.2 33.2

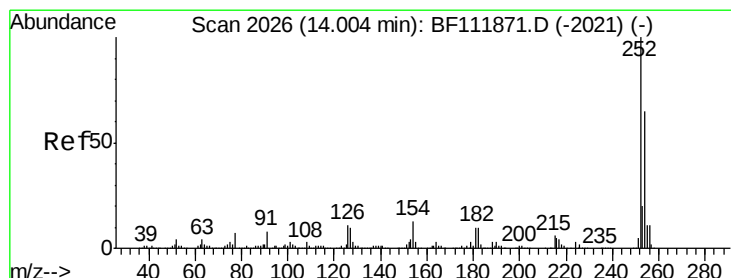
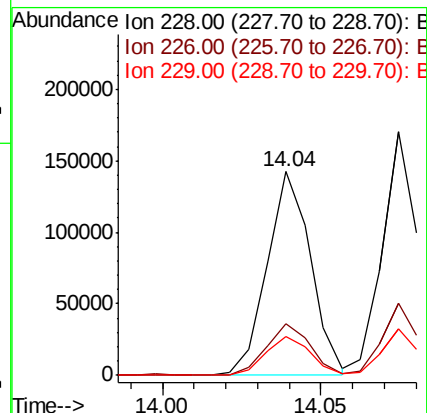
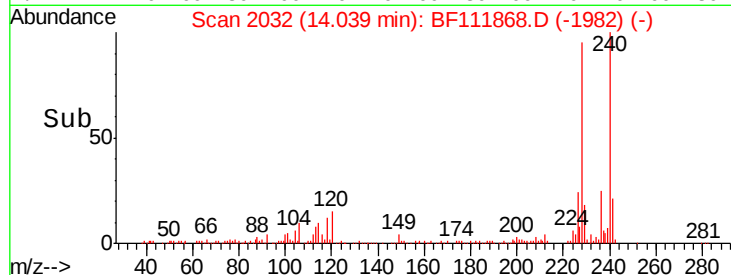
229 19.2 16.2 24.2



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: 2.693 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

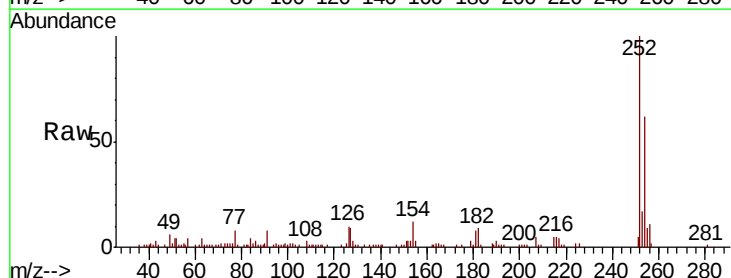
Tgt Ion:252 Resp: 51950

Ion Ratio Lower Upper

252 100

254 61.9 52.1 78.1

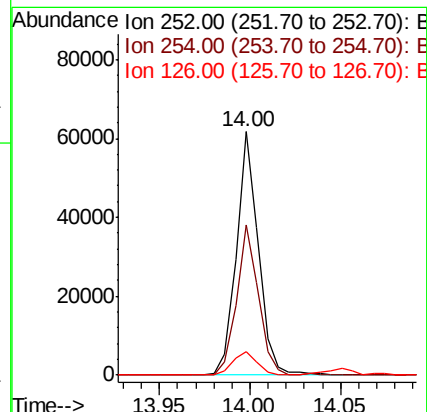
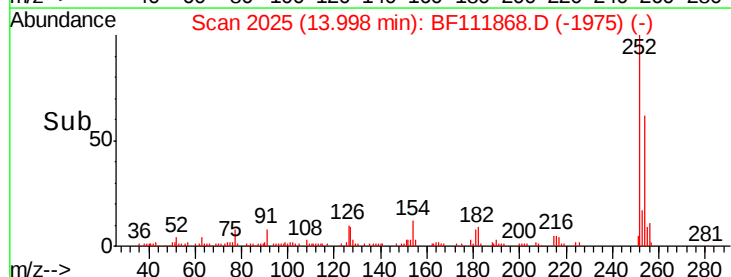
126 9.5 8.6 12.8

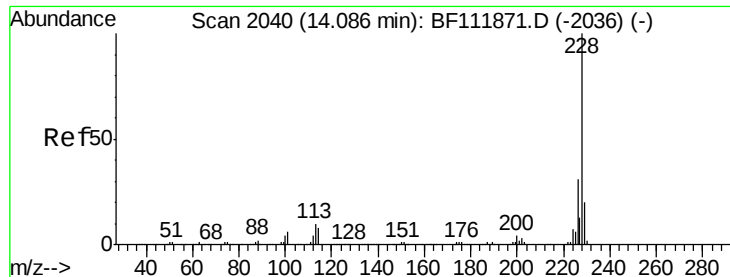


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 2.724 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

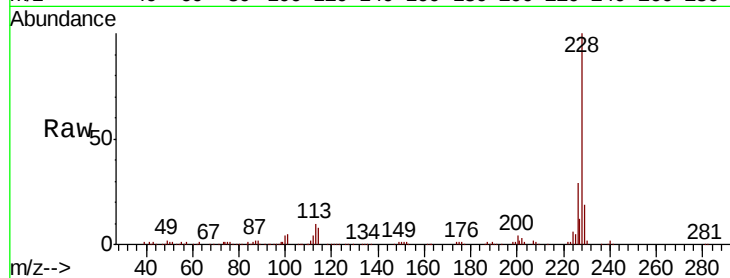
Tot Ion:228 Resp: 130694

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

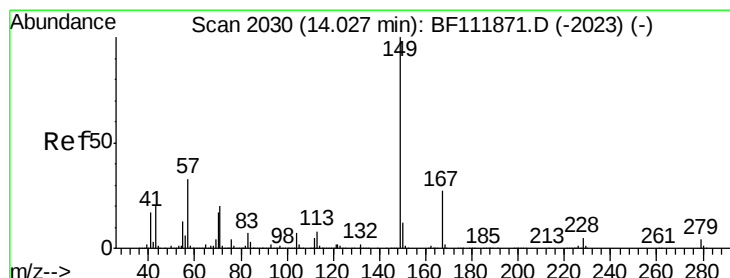
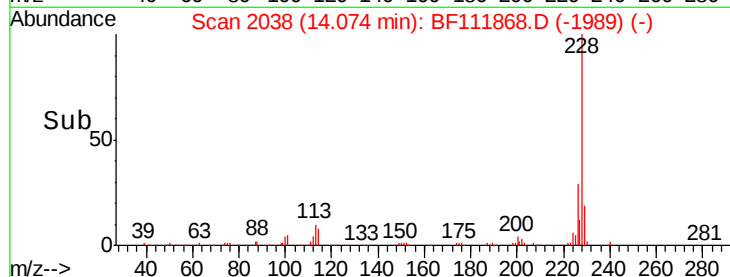
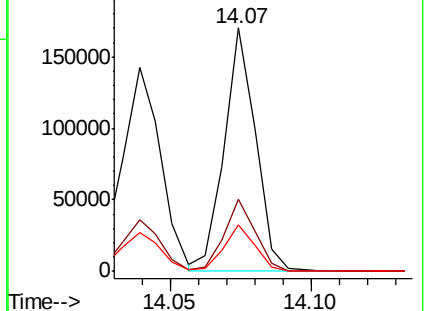
229 19.3 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.626 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

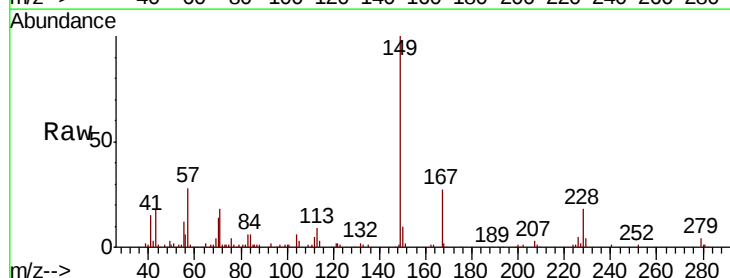
Tgt Ion:149 Resp: 81434

Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

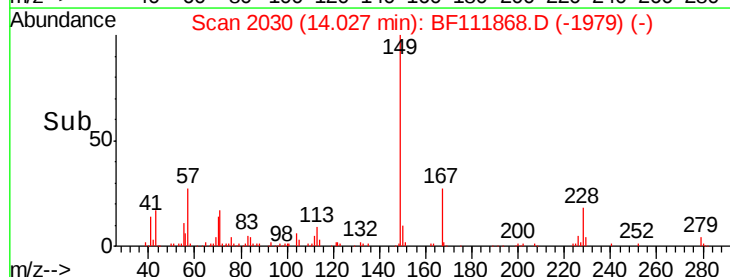
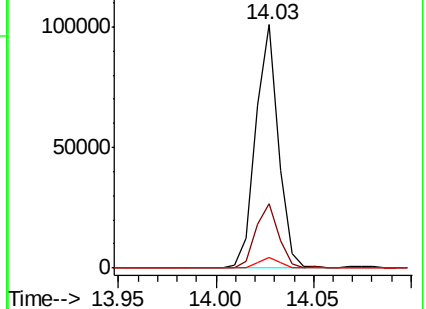
279 4.4 3.0 4.6

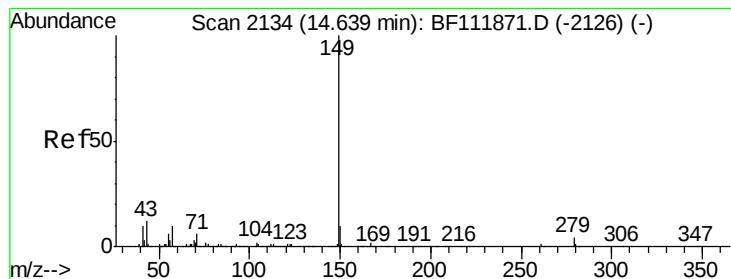


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 2.410 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

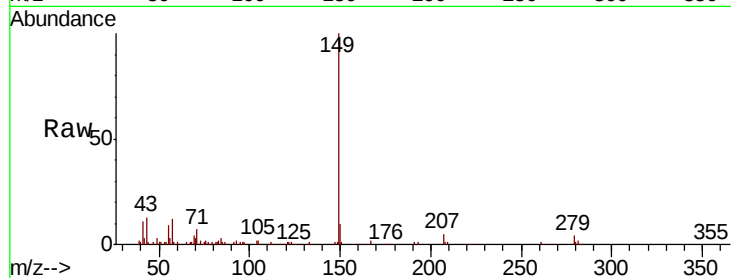
Tot Ion:149 Resp: 115794

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

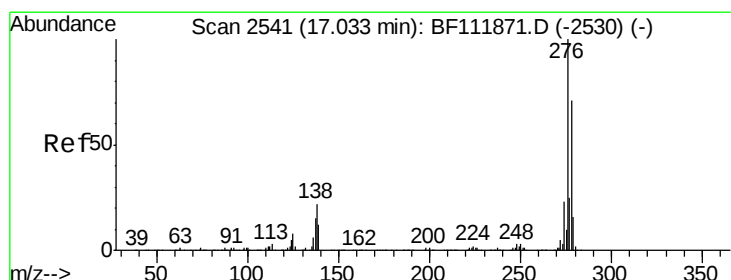
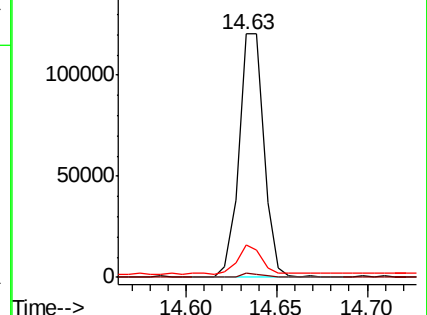
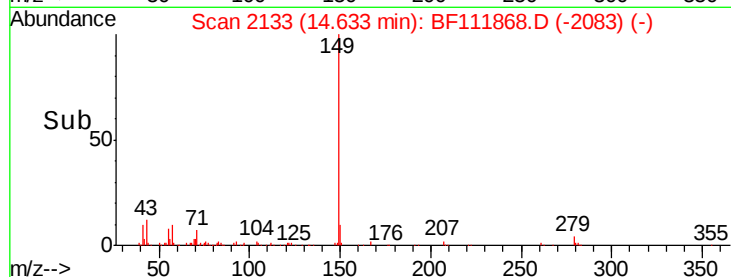
43 12.1 9.1 13.7



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: 2.157 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

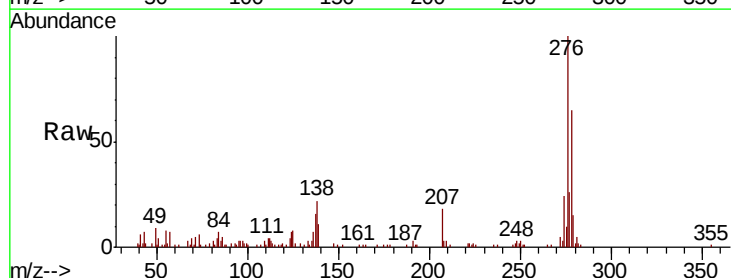
Tgt Ion:276 Resp: 87980

Ion Ratio Lower Upper

276 100

138 23.4 18.1 27.1

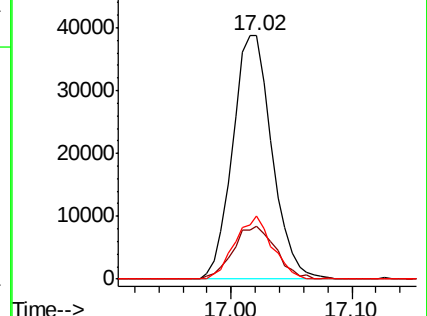
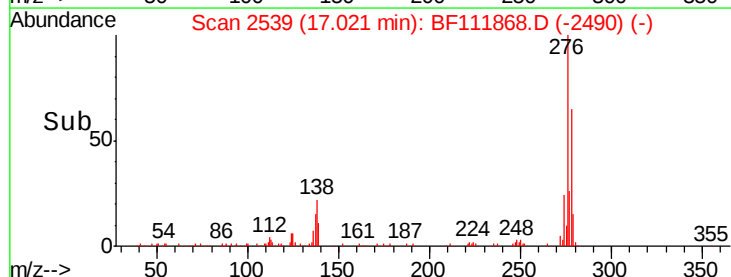
277 24.3 19.9 29.9

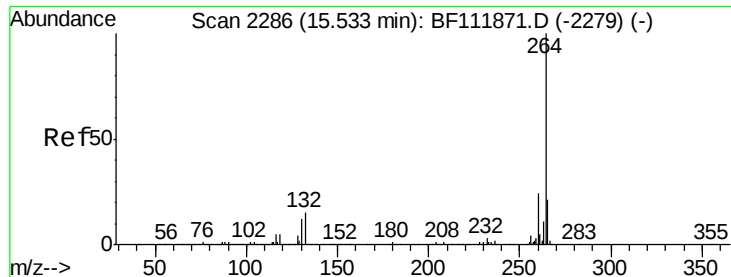


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF111868.D

Acq: 7 Jan 2019 10:29

Instrument :

BNA_F

ClientSampleId :

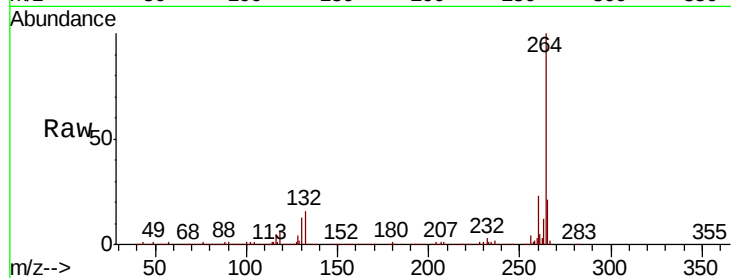
Tot Ion:264 Resp: 731866

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

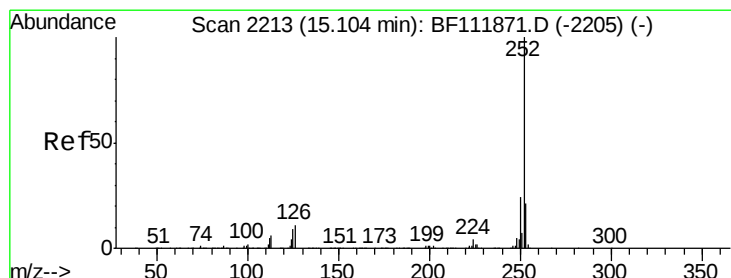
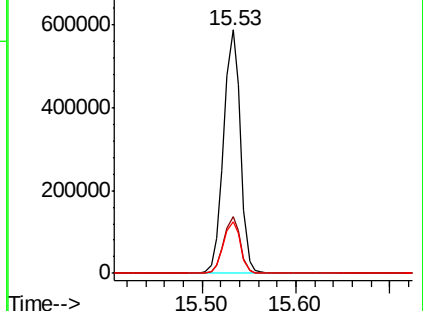
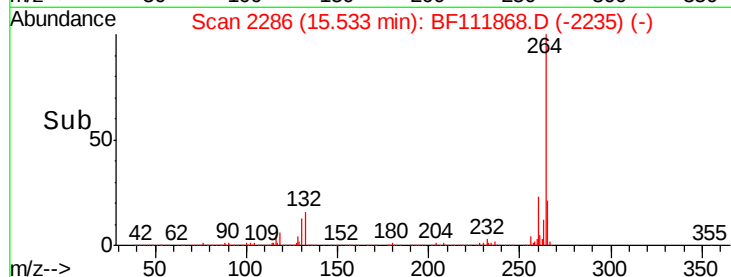
265 21.3 17.1 25.7



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: 2.495 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.02 min

Lab File: BF111868.D

Acq: 7 Jan 2019 10:29

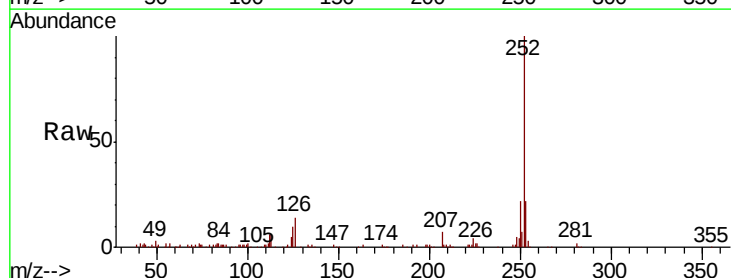
Tgt Ion:252 Resp: 106727

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

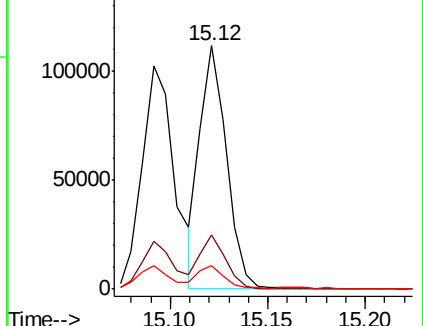
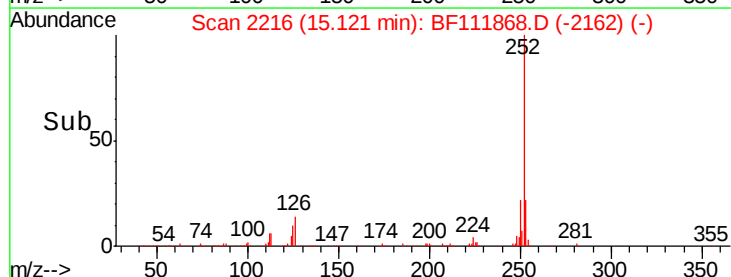
125 9.7 7.1 10.7

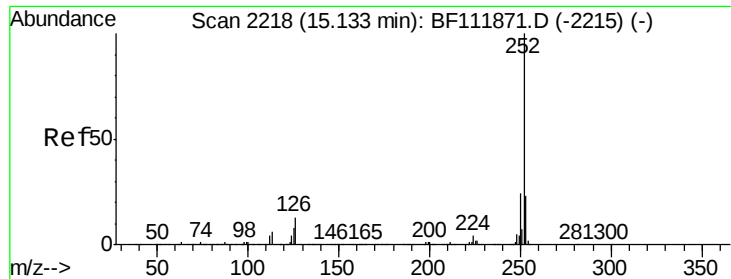


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

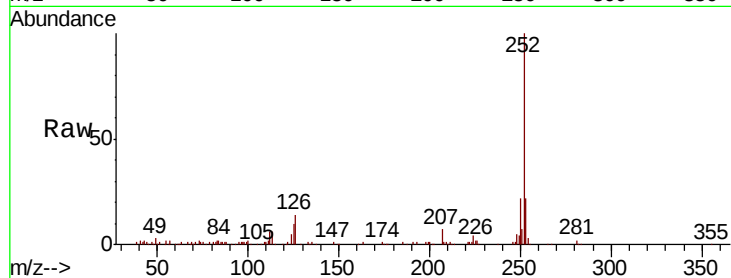




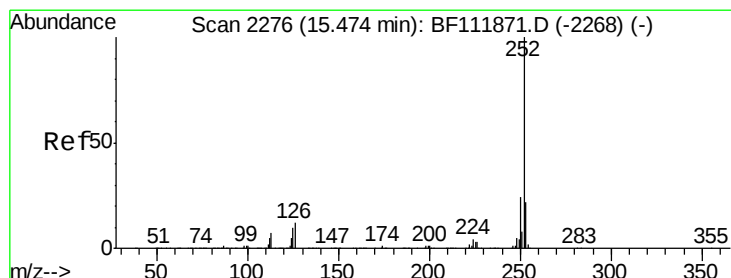
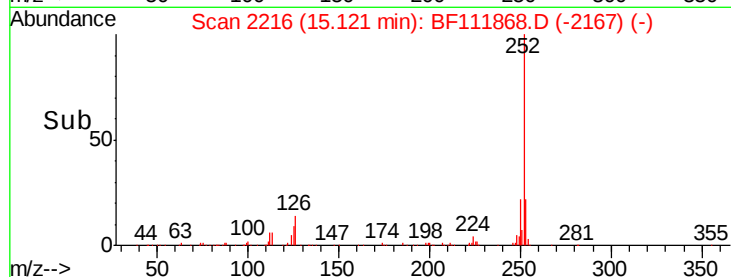
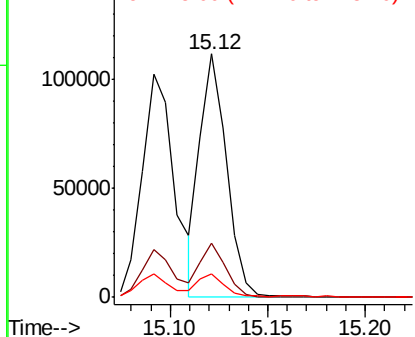
#89
Benzo(k)fluoranthene
Concen: 2.621 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 106727
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.7 7.0 10.4

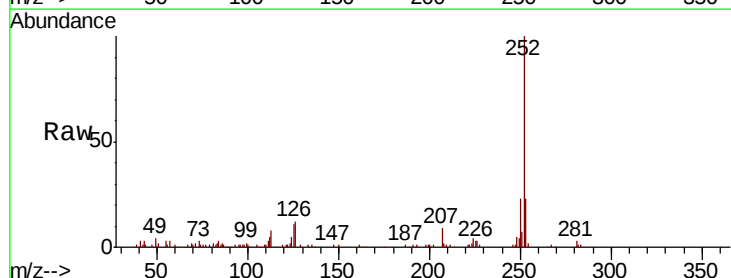


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

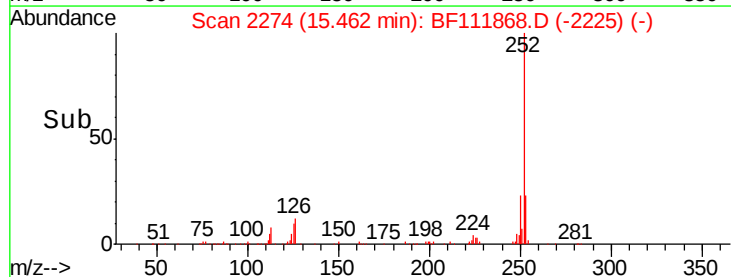
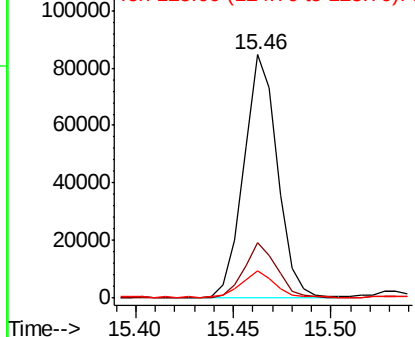


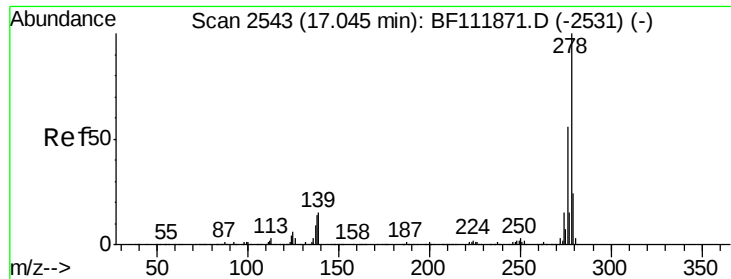
#90
Benzo(a)pyrene
Concen: 2.612 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:252 Resp: 101497
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.0 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

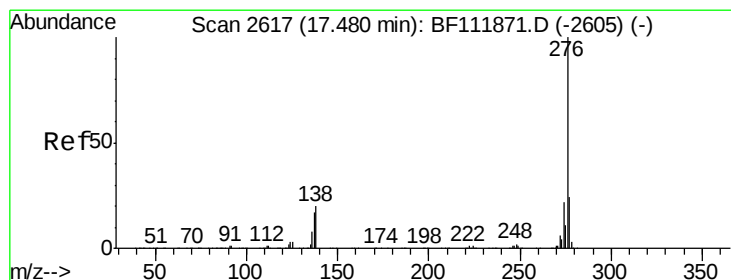
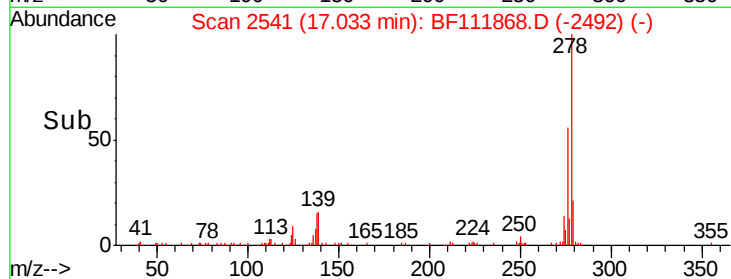
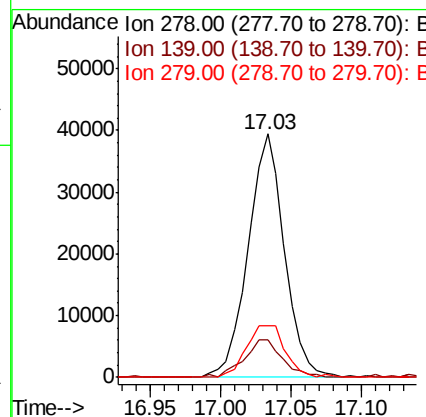
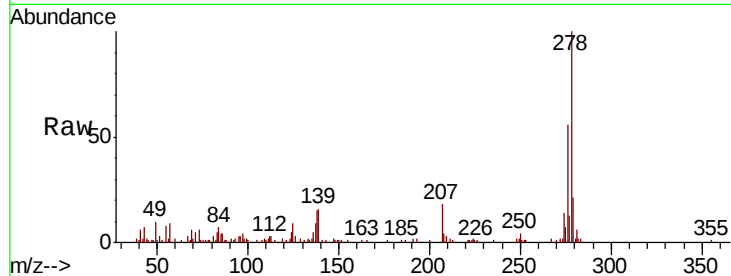




#91
Dibenzo(a,h)anthracene
Concen: 2.085 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 70942
Ion Ratio Lower Upper
278 100
139 15.6 11.8 17.6
279 21.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 2.081 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF111868.D
Acq: 7 Jan 2019 10:29

Tgt Ion:276 Resp: 69161
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.6
138 19.4 16.2 24.2

